MAD

AUGUST 2023

PROJECT ID: 5090-05-60/71

WITH: 5090-05-61/72

COUNTY: SAUK

02

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 738

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5090-05-60	WISC 2023576	1
5090-05-71	WISC 2023577	1

REEDSBURG - BARABOO

W MULBERRY ST TO E V LIMITS

STH 33

SAUK COUNTY

STATE PROJECT NUMBER

5090-05-60

C BARABOO, EIGHTH STREET

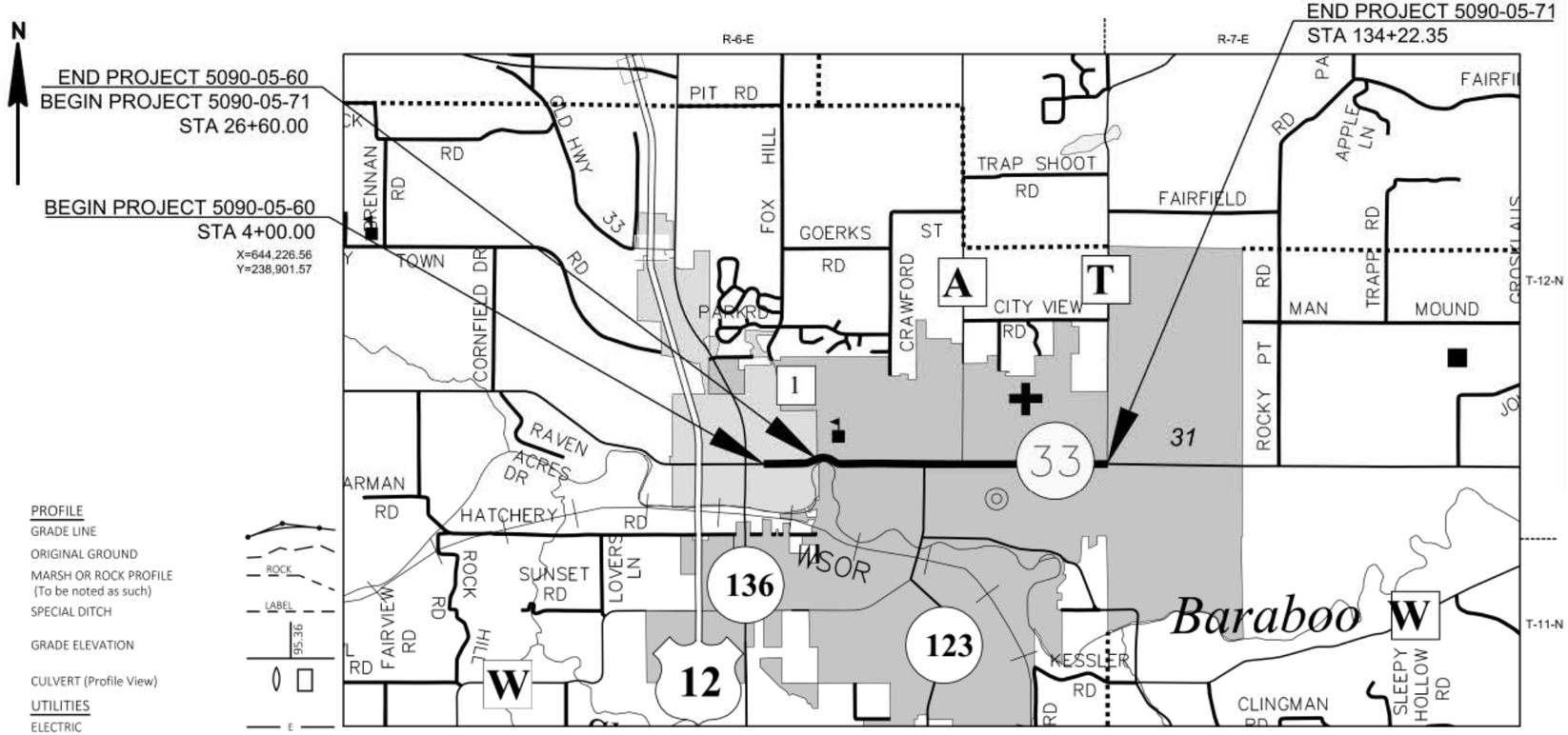
W CITY LIMIT TO LINCOLN AVENUE

STH 33

SAUK COUNTY

STATE PROJECT NUMBER

5090-05-71



DESIGN DESIGNATION

A.A.D.T.	2021	=	12,500
A.A.D.T.	2041	=	13,700
D.H.V.		=	1,274 VPD
D.D.		=	59/41
T.		=	10.8%
DESIGN SPEED		=	30 MPH
ESALS		=	2,400,000

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
- 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

LAYOUT

SCALE 0 1 MI

PROJECT ID 5090-05-60 NET LENGTH OF CENTERLINE =	0.428 MI.
PROJECT ID 5090-05-71 NET LENGTH OF CENTERLINE =	2.038 MI.
TOTAL NET LENGTH OF CENTERLINE =	2.466 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), SAUK COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 18.

5090-05-60 ACCEPTED FOR
VILLAGE OF WEST BARABOO

Date 4/19/23 *William H. Clary DPW*
(Signature and Title of Official)

5090-05-71 ACCEPTED FOR
CITY OF BARABOO

Date 4/19/23 *Thomas S Pinion*
(Signature and Title of Official)

ORIGINAL PLANS PREPARED BY

ONEIDA Engineering Solutions

WISCONSIN
BRETT A. PETERSON
44665-6
SUN PRAIRIE
WI
PROFESSIONAL ENGINEER

DATE: 4/18/23 *Brett Peterson*
(Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	ONEIDA ENGINEERING SOLUTIONS
Designer	ONEIDA ENGINEERING SOLUTIONS
Project Manager	GREG BRECKA
Regional Examiner	SW REGION
Regional Supervisor	MARC SCHWEIGER

APPROVED FOR THE DEPARTMENT

DATE: 4/24/23 *Mark Schweiger*
(Signature)

E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\010101-TI.DWG

PLOT DATE : 4/18/2023 3:50 PM

PLOT BY : BRETT PETERSON

PLOT NAME :

2

GENERAL NOTES

THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

ALL RADII ARE MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN OR NOTED ON THE PLAN.

RESTORE EXISTING DRIVEWAYS IN KIND AT THE LOCATION AND WIDTH DETERMINED BY THE ENGINEER IN THE FIELD.

PRIOR TO THE PLACEMENT OF MGS GUARDRAIL, THE CONCRETE CURB AND GUTTER AND SHOULDERS SHALL BE IN PLACE, SHAPED AND COMPACTED UNLESS SHOWN OTHERWISE.

PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITH THE DRIVING, TURNING, OR PARKING LANE.

PAVING LIMITS AT INTERSECTIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

APPLY TACK COAT AT A RATE OF 0.07 GAL/SY TO MILLED PAVEMENT SURFACES AND EXISTING PAVEMENT SURFACES AND 0.05 GAL/SY BETWEEN LAYERS OF NEW HMA PAVEMENT.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED, FERTILIZED, SEEDED, AND EROSION MATTED AS SHOWN IN THE FINISHED TYPICAL SECTIONS, OR AS DIRECTED BY THE ENGINEER.

EROSION CONTROL FEATURES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE QUANTITY OF THE ITEMS FOR EROSION PROTECTION INCLUDES AN UNDISTRIBUTED AMOUNT FOR PROTECTION, CONTROL, AND ABATEMENT OF WATER POLLUTION RESULTING FROM SOIL EROSION. THE DISTRIBUTION AND LOCATION OF THESE MATERIALS ARE TO BE DETERMINED BY THE ENGINEER.

THE MINIMUM VERTICAL CLEARANCE FOR TRAFFIC SIGNAL AND STREET LIGHTING COMPONENTS INSTALLED OVER STH 33 IS 20.00' FROM THE HIGHEST POINT ON THE PAVEMENT SURFACE. MAINTAIN VERTICAL CLEARANCE OF 20.00' OR MORE FOR ANY NEW OR REPLACED UTILITIES AND FACILITIES OVER STH 33.

STANDARD ABBREVIATIONS

AGG	AGGREGATE
ASPH.	ASPHALTIC
BM	BENCH MARK
CE	COMMERCIAL ENTRANCE
C/L	CENTER LINE
CMCP	CORRUGATED METAL CULVERT PIPE
CMP	CORRUGATED METAL PIPE
CO.	COUNTY
CTH	COUNTRY TRUNK HIGHWAY
CONC	CONCRETE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CY	CUBIC-YARD
C&G	CURB AND GUTTER
DIA.	DIAMETER
EB	EASTBOUND
EL	ELEVATION
EXIST	EXISTING
F.E.	FIELD ENTRANCE
HMA	HOT MIX ASPHALT
INV	INVERT
LT	LEFT
M/L	MATCHLINE
NB	NORTHBOUND
PAV'T	PAVEMENT
P.C.	POINT OF CURVATURE
PE	PRIVATE ENTRANCE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
R	RADIUS OF CURVE
R/L	REFERENCE LINE
REQ'D	REQUIRED
RT	RIGHT
R/W	RIGHT OF WAY
SB	SOUTHBOUND
SHLD.	SHOULDER(S)
STA.	STATION
SY	SQUARE YARD
TWLTL	TWO-WAY LEFT TURN LANE
TYP	TYPICAL
V.C.L.	VERTICAL CURVE LENGTH
V.P.C.	VERTICAL POINT OF CURVATURE
V.P.I .	VERTICAL POINT OF INTERSECTION
V.P.T.	VERTICAL POINT OF TANGENCY
WB	WESTBOUND

ORDER OF SECTION 2 SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CROSS SLOPE TABLES
CONSTRUCTION DETAILS
CURB RAMP DETAILS
INTERSECTION DETAILS
REMOVAL PLAN
PLAN DETAILS
PAVEMENT GRADES
CROSS SECTION MATCHLINE DETAILS
EROSION CONTROL
STORM SEWER
LIGHTING PLAN
TRAFFIC SIGNALS
EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING
TRAFFIC CONTROL
STAGE CONSTRUCTION
DETOUR PLAN
ALIGNMENT DETAILS

DNR LIAISON

ANDY BARTA
ENVIRONMENTAL ANALYSIS & REVIEW SPECIALIST
WISCONSIN DEPT. OF NATURAL RESOURCES
SOUTH CENTRAL REGION HEADQUARTERS
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
(608) 235-2955
ANDREW.BARTA@WISCONSIN.GOV

DESIGN CONTACTS

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GREGORY.BRECKA@DOT.WI.GOV

BRETT PETERSON
PROJECT DESIGNER
ONEIDA ENGINEERING SOLUTIONS
5100 EASTPARK BOULEVARD, SUITE 300
MADISON, WI 53718
(608) 241-6710
BPETERSON@OESLLC.COM

VILLAGE OF WEST BARABOO -SANITARY AND WATER MAIN AND LIGHTING PLANS:
BRAD STUCZYNSKI, MSA
1230 SOUTH BOULEVARD
BARABOO, WI 53913
(608) 355-8964

CITY OF BARABOO - SANITARY AND WATER MAIN AND LIGHTING PLANS:
JEREMY TOMESH, SEH
329 JAY STREET, SUITE 301
LA CROSSE, WI 54601-4034
(608) 498-4947

CITY OF BARABOO - TRAFFIC SIGNAL PLANS:
JOSH WOLLER, SEH
329 JAY STREET, SUITE 301
LA CROSSE, WI 54601-4034
(608) 620-6176

UTILITY CONTACTS

ALLIANT ENERGY - ELECTRICITY
JOSH LOBENSTEIN
520 COMMERCE AVENUE
BARABOO, WI 53913
(608) 356-0671
JOSHUALOBENSTEIN@ALLIANTENERGY.COM

ALLIANT ENERGY - GAS/PETROLEUM
JOSH LOBENSTEIN
520 COMMERCE AVENUE
BARABOO, WI 53913
(608) 356-0671
JOSHUALOBENSTEIN@ALLIANTENERGY.COM

BRIGHTSPEED N CTRL W - COMM
SCOTT HEINZELMAN
144 N. PEARL ST
BERLIN, WI 54923
(608) 716-5964
SCOTT.HEINZELMAN@BRIGHTSPEED.COM

SPECTRUM - COMM
TERRY BLAKE
E10704 WIS33
BARABOO, WI 53913
(608) 576-9208
TERRY.BLAKE@CHARTER.COM

CITY OF BARABOO - WATER & SEWER
WADE PETERSON
450 ROUNDHOUSE COURT
BARABOO, WI 53913
(608) 355-2740
WPETERSON@CITYOFBARABOO.COM

REEDSBURG UTILITY COMMISSION - COMM
KEN LAS
501 UTILITY COURT
P.O. BOX 230
REEDSBURG, WI 53959
(608) 768-6450
KLAS@RUCLS.NET

SAUK COUNTY BLDG SERVICES - COMM TOWER
IAN CRAMMOND
510 BROADWAY
BARABOO, WI 53913
(608) 355-4415
IAN.CRAMMOND@SAUKCOUNTYWI.GOV

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510 BROADWAY
BARABOO, WI 53913
(608) 355-4415
IAN.CRAMMOND@SAUKCOUNTYWI.GOV

VILLAGE OF WEST BARABOO - WATER & SEWER
WILLIAM CLARY
500 CEDAR STREET
P.O. BOX 261
WEST BARABOO, WI 53913
(608) 356-2516
W.CLARY@VILLAGEOFWESTBARABOO.US

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

	TOTAL LAYER PAVEMENT THICKNESS	LAYERS	HMA PAVEMENT ITEM
STH 33	6 INCHES	1.75" UPPER 1.75" MIDDLE 2.5" LOWER	HMA PAVEMENT 4 MT 58-28 V HMA PAVEMENT 4 MT 58-28 S HMA PAVEMENT 3 MT 58-28 S
SIDEROADS	4 INCHES	1.75" UPPER 2.25" LOWER	HMA PAVEMENT 4 MT 58-28 V HMA PAVEMENT 3 MT 58-28 S

KNOWN ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREAS ARE SHOWN WITH SHADED AREAS.

BEGIN PROJECT 5090-05-60
STA 4+00.00

END PROJECT 5090-05-60
BEGIN PROJECT 5090-05-71
STA 26+60.00

END PROJECT 5090-05-71
STA 134+22.35

TRAFFIC SIGNAL REPLACEMENT

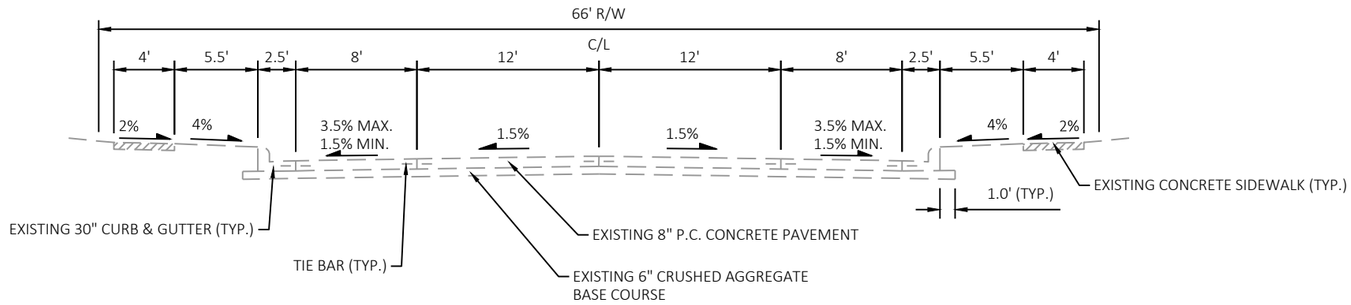
TRAFFIC SIGNAL REPLACEMENT

SCALE, FEET 0 250 500

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PROJECT OVERVIEW	SHEET 3	E

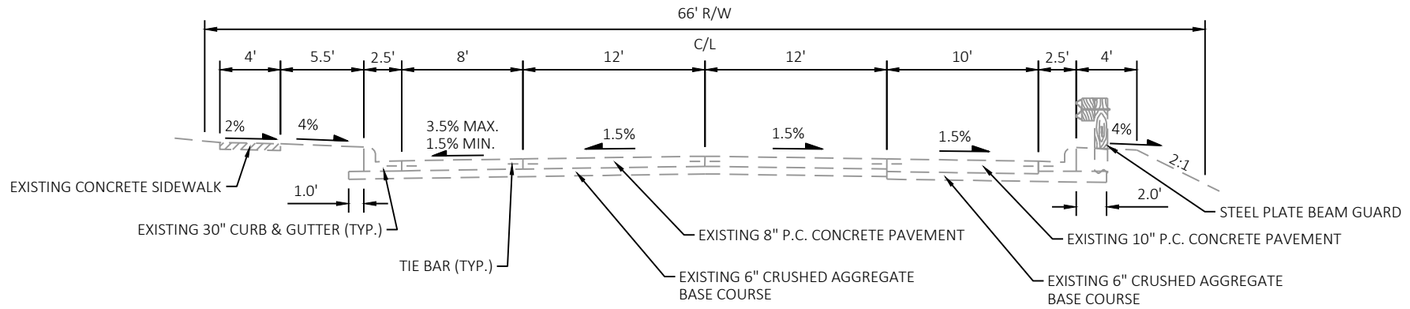
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 020201-po
PLOT DATE : 4/28/2023 3:13 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : ############
WISDOT/CADDS SHEET 42

2



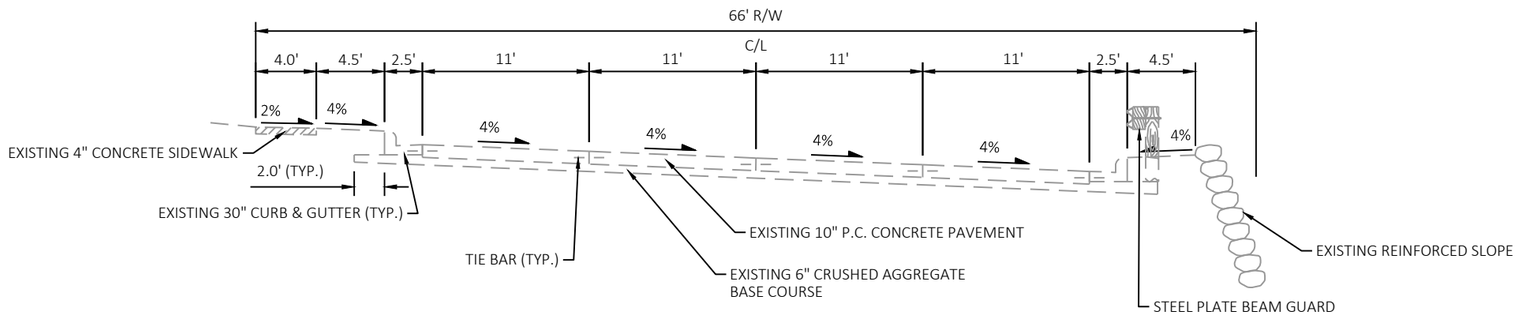
TYPICAL EXISTING SECTION

STH 33
STA. 4+00 TO STA. 22+75



TYPICAL EXISTING SECTION

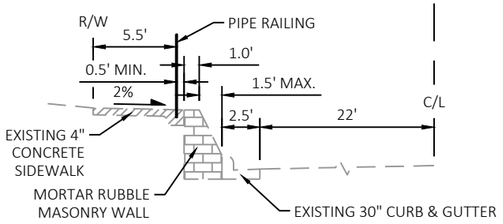
STH 33
STA. 22+75 TO STA. 27+00



TYPICAL EXISTING SECTION

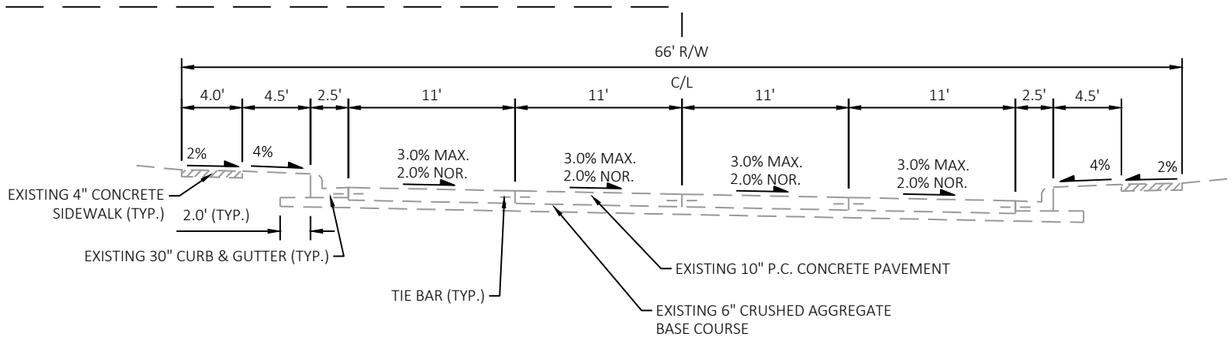
STH 33
STA. 27+00 TO STA. 33+46

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TYPICAL SECTIONS	SHEET 4	E



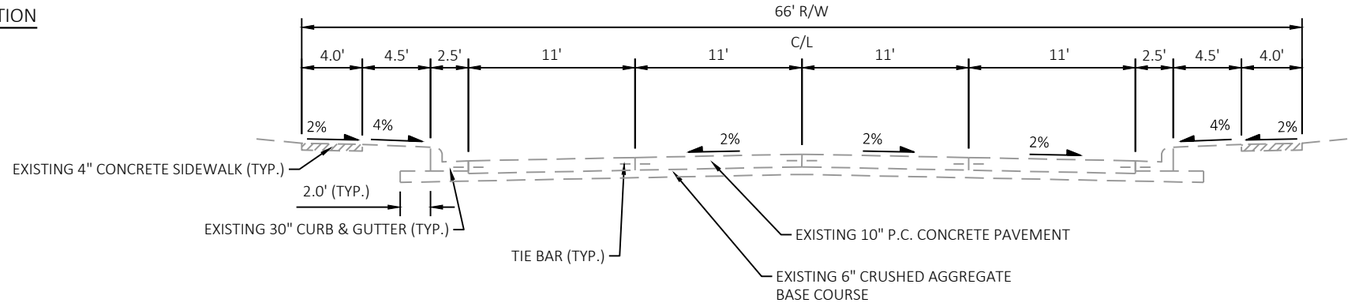
TYPICAL EXISTING HALF SECTION

STH 33
STA. 61+79 TO STA. 64+20 LT
STA. 64+70 TO STA. 65+67 LT



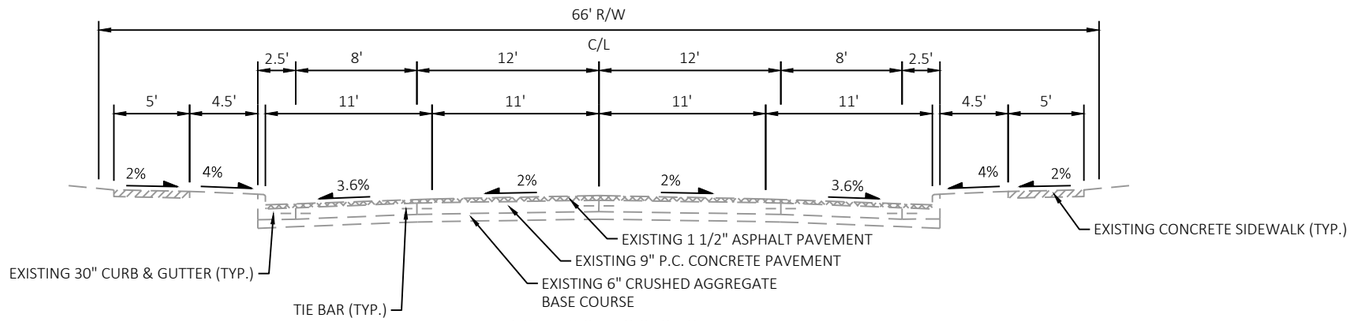
TYPICAL EXISTING SECTION

STH 33
STA. 33+46 TO STA. 36+90
STA. 51+75 TO STA. 72+25



TYPICAL EXISTING SECTION

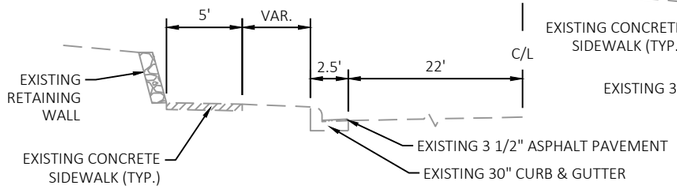
STH 33
STA. 36+90 TO STA. 51+75
STA. 72+25 TO STA. 76+50
STA. 125+65 TO STA. 134+22.35



TYPICAL EXISTING SECTION

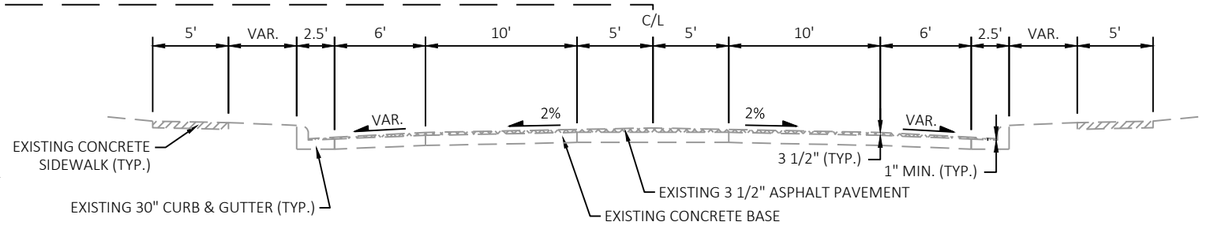
STH 33
STA. 76+50 TO STA. 125+65

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TYPICAL SECTIONS	SHEET 5	E



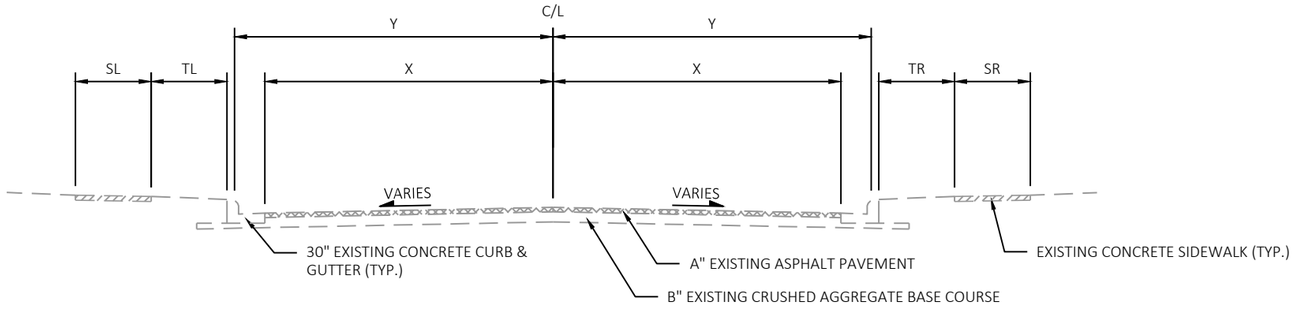
TYPICAL EXISTING HALF SECTION

BROADWAY (STH 113)
STA. 8+89'B' TO STA. 9+66'B' LT



TYPICAL EXISTING SECTION

BROADWAY (STH 113)
STA. 8+30'B' TO STA. 10+00'B'



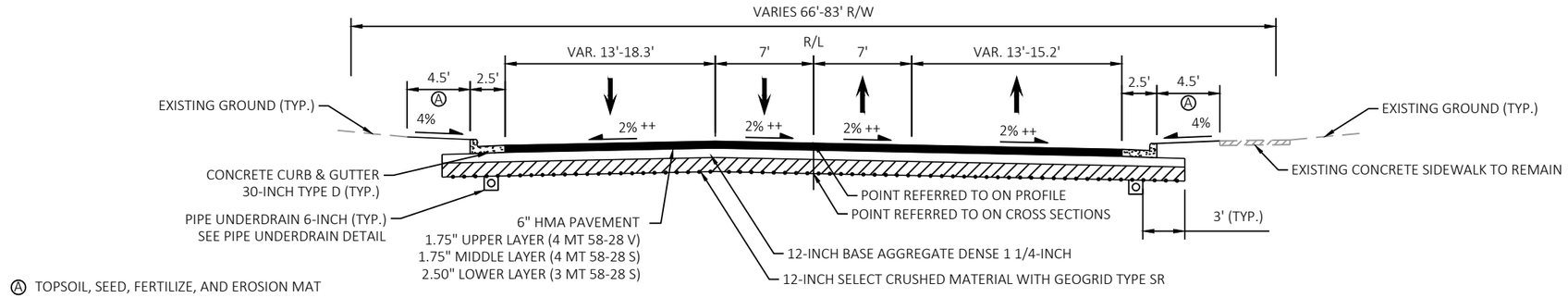
TYPICAL EXISTING SECTION

SIDE STREET

ROADWAY	STA. TO STA.	SL	TL	X	Y	TR	SR	A	B
W MULBERRY STREET	9+35'M' - 10+00'M'	4.0'	VAR.	18'	20'	N/A	N/A	3"	6"
W MULBERRY STREET	10+00'M' - 10+50'M'	N/A	N/A	22'	24'	VAR.	5.0'	3"	6"
WALNUT STREET	9+25'WA' - 10+00'WA'	N/A	N/A	17.5'	19.5'	N/A	N/A	3"	6"
CONNIE ROAD	10+00'CO' - 10+60'CO'	5.0'	VAR.	18'	20'	N/A	N/A	3"	7"
CEDAR STREET	9+40'C' - 10+00'C'	N/A	N/A	18'	20'	N/A	N/A	3"	6"
WILLOW STREET	9+18'WI' - 10+00'WI'	5.0'	VAR.	18'	20'	N/A	N/A	3"	6"
HILL STREET	10+00'H' - 10+80'H'	N/A	N/A	18'	20'	VAR.	5.0'	3"	6"
DRAPER STREET	10+00'D' - 10+70'D'	6.0'	N/A	21'	23'	VAR.	4.5'	3.5"	6"
DRAPER STREET	10+70'D' - 11+20'D'	5.0'	VAR.	17'	19'	VAR.	4.5'	3.5"	6"
PARK STREET	9+35'P' - 10+00'P'	5.0'	VAR.	15.5'	17.5'	VAR.	5.0'	3.5"	6"
PARK STREET	10+00'P' - 10+69'P'	5.0'	VAR.	15'	17'	VAR.	5.0'	3.5"	6"
SUMMIT STREET	9+45'S' - 10+00'S'	N/A	N/A	15'	17'	VAR.	5.0'	3.5"	6"
SUMMIT STREET	10+00'S' - 10+65'S'	5.0'	VAR.	15'	17'	VAR.	5.0'	3.5"	6"
WOOD STREET	10+00'WO' - 10+60'WO'	5.0'	VAR.	15.5'	17.5'	VAR.	5.0'	3.5"	6"
CENTER STREET	9+30'CE' - 10+00'CE'	5.0'	VAR.	15'	17'	VAR.	5.0'	3.5"	6"
WEST STREET	9+45'WE' - 10+00'WE'	5.0'	VAR.	15'	17'	VAR.	5.0'	3.5"	6"
WEST STREET	10+00'WE' - 10+60'WE'	5.0'	VAR.	15'	17'	N/A	N/A	3.5"	6"
BIRCH STREET	9+30'BI' - 10+00'BI'	N/A	N/A	13'	15'	VAR.	5.0'	3.5"	6"
BIRCH STREET	10+00'BI' - 10+60'BI'	5.0'	VAR.	13'	15'	VAR.	5.0'	3.5"	6"
OAK STREET	9+23'O' - 10+00'O'	5.0'	VAR.	15.75'	17.75'	VAR.	5.0'	3.5"	6"
OAK STREET	10+00'O' - 10+60'O'	5.0'	VAR.	15.5'	17.5'	VAR.	5.0'	3.5"	6"
ASH STREET	8+63'A' - 10+00'A'	5.0'	VAR.	16'	18'	VAR.	5.0'	3.5"	6"
ASH STREET	10+00'A' - 10+69'A'	4.5'	VAR.	15.5'	17.5'	VAR.	5.0'	3.5"	6"
EAST STREET	9+45'E' - 10+00'E'	5.0'	VAR.	16'	18'	VAR.	4.5'	2.5"	8"
EAST STREET	10+00'E' - 10+70'E'	4.5'	VAR.	16'	18'	VAR.	5.0'	2.5"	8"
WARREN STREET	10+00'WR' - 10+55'WR'	5.0'	VAR.	16'	18'	VAR.	4.0'	2.5"	8"
BARKER STREET	9+45'BA' - 10+00'BA'	5.0'	VAR.	16'	18'	VAR.	5.0'	2.5"	8"
BARKER STREET	10+00'BA' - 10+55'BA'	4.0'	VAR.	16'	18'	VAR.	4.0'	2.5"	8"
ELIZABETH STREET	9+40'EL' - 10+00'EL'	5.0'	VAR.	16'	18'	VAR.	5.0'	2.5"	8"
ELIZABETH STREET	10+00'EL' - 10+60'EL'	5.0'	VAR.	15.5'	17.5'	VAR.	5.0'	2.5"	8"
CAMP STREET	9+25'CA' - 10+00'CA'	5.0'	VAR.	16'	18'	N/A	N/A	2.5"	8"
TUTTLE STREET	10+00'TU' - 10+50'TU'	N/A	N/A	13'	15'	N/A	N/A	2.5"	8"
WHEELER STREET	9+45'WH' - 10+00'WH'	4.5'	N/A	10.5'	12.5'	N/A	N/A	2.5"	8"
JEFFERSON STREET	9+32'J' - 10+00'J'	4.5'	VAR.	16'	18'	N/A	4.0'	2.5"	8"
JEFFERSON STREET	10+00'J' - 10+73'J'	5.0'	VAR.	16'	18'	VAR.	5.0'	2.5"	8"
WASHINGTON AVENUE	9+34'W' - 10+00'W'	5.0'	VAR.	17.5'	19.5'	VAR.	5.0'	2.5"	8"
WASHINGTON AVENUE	10+00'W' - 10+69'W'	5.0'	VAR.	16'	18'	VAR.	5.0'	2.5"	8"
LINCOLN AVENUE	9+45'L' - 10+00'L	N/A	N/A	22'	24'	N/A	N/A	2.5"	8"
LINCOLN AVENUE	10+00'L' - 10+80'L'	5.0'	VAR.	16'	18'	VAR.	4.5'	2.5"	8"
TAFT AVENUE	10+00'T' - 10+90'T'	N/A	N/A	15'	17'	N/A	N/A	2.5"	8"

GENERAL NOTES:

1. EXISTING ASPHALT PAVEMENT DEPTHS SHOWN ON PLAN FOR SIDE STREETS ARE APPROXIMATE. ACTUAL PAVEMENT DEPTHS TO BE VERIFIED IN THE FIELD BY THE ENGINEER.

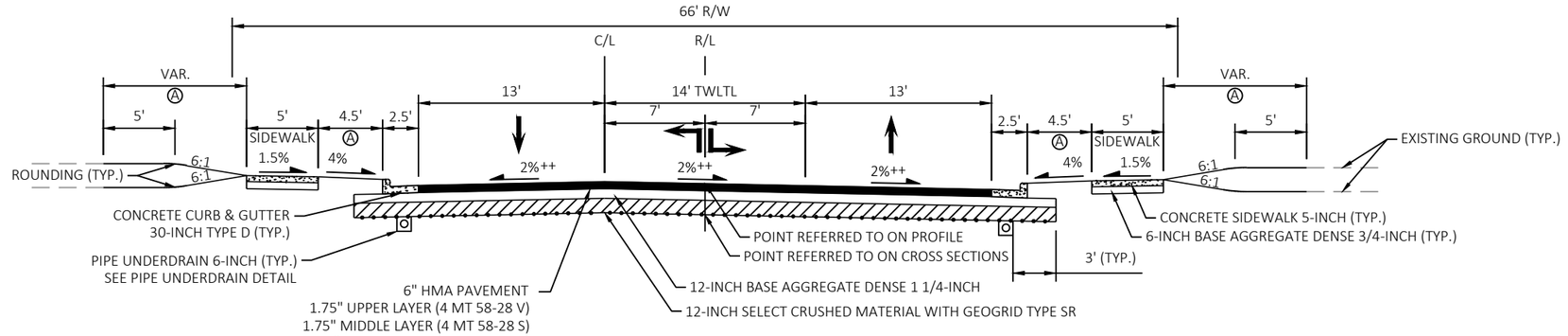


Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT

++ SEE PAVEMENT GRADES AND CROSS SLOPE TABLES FOR MORE INFORMATION

TYPICAL FINISHED SECTION

STH 33
STA. 4+00 TO STA. 5+08

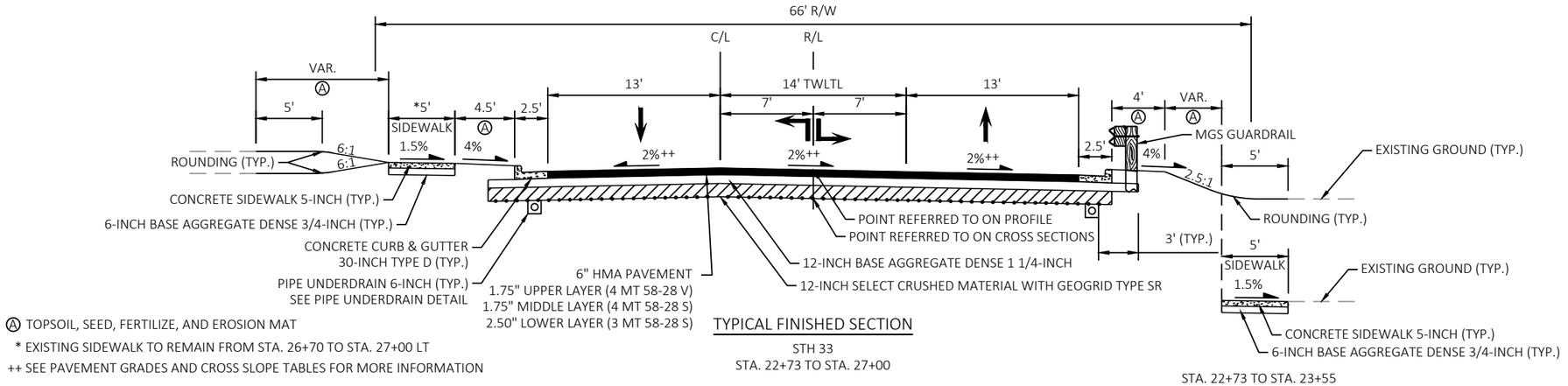


Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT

++ SEE PAVEMENT GRADES AND CROSS SLOPE TABLES FOR MORE INFORMATION

TYPICAL FINISHED SECTION

STH 33
STA. 5+08 TO STA. 22+73



Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT

* EXISTING SIDEWALK TO REMAIN FROM STA. 26+70 TO STA. 27+00 LT

++ SEE PAVEMENT GRADES AND CROSS SLOPE TABLES FOR MORE INFORMATION

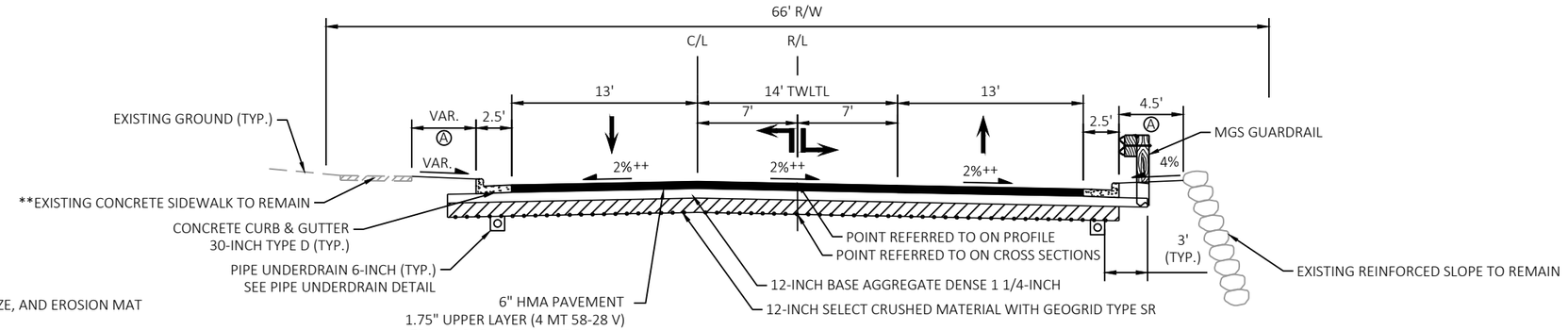
TYPICAL FINISHED SECTION

STH 33
STA. 22+73 TO STA. 27+00

STA. 22+73 TO STA. 23+55

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TYPICAL SECTIONS	SHEET 7	E

2



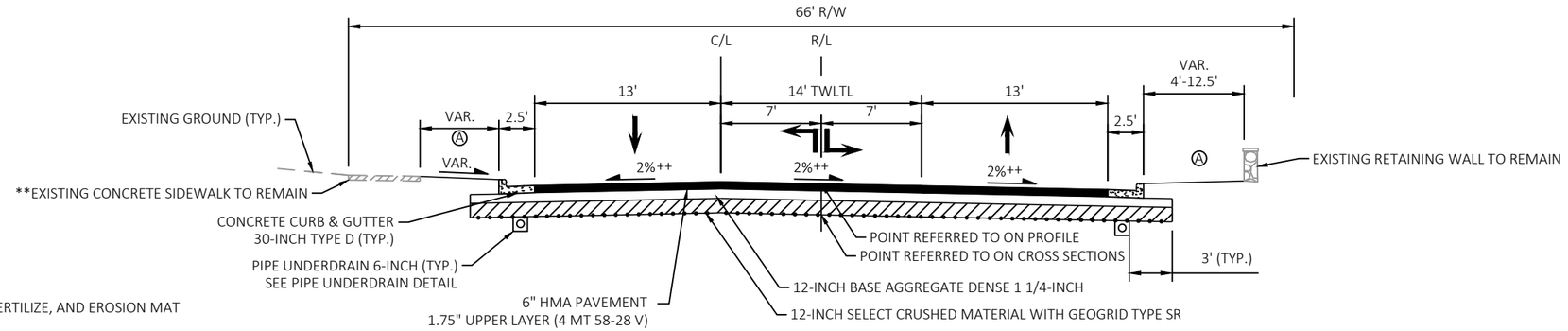
Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT

** SIDEWALK TO BE REPLACED AT WATER AND SANITARY LATERAL REPLACEMENT.
SEE PLAN DETAILS FOR SIDEWALK REPLACEMENT LOCATIONS.

++ SEE PAVEMENT GRADES AND CROSS SLOPE TABLES FOR MORE INFORMATION

TYPICAL FINISHED SECTION

STH 33
STA. 27+00 TO STA. 33+48



Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT

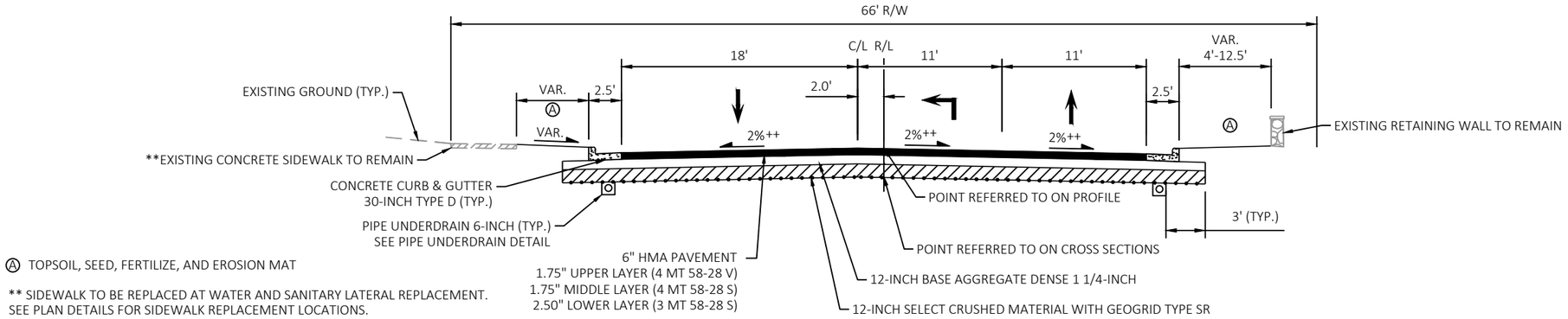
** SIDEWALK TO BE REPLACED AT WATER AND SANITARY LATERAL REPLACEMENT.
SEE PLAN DETAILS FOR SIDEWALK REPLACEMENT LOCATIONS.

++ SEE PAVEMENT GRADES AND CROSS SLOPE TABLES FOR MORE INFORMATION

TYPICAL FINISHED SECTION

STH 33
STA. 33+48 TO STA. 34+74

2



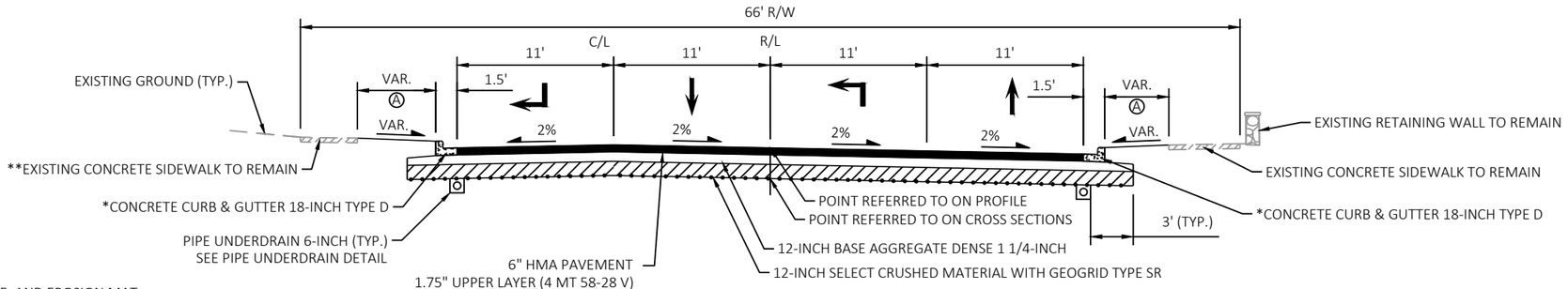
Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT

** SIDEWALK TO BE REPLACED AT WATER AND SANITARY LATERAL REPLACEMENT.
SEE PLAN DETAILS FOR SIDEWALK REPLACEMENT LOCATIONS.

++ SEE PAVEMENT GRADES AND CROSS SLOPE TABLES FOR MORE INFORMATION

TYPICAL FINISHED SECTION

STH 33
STA. 34+74 TO STA. 38+37



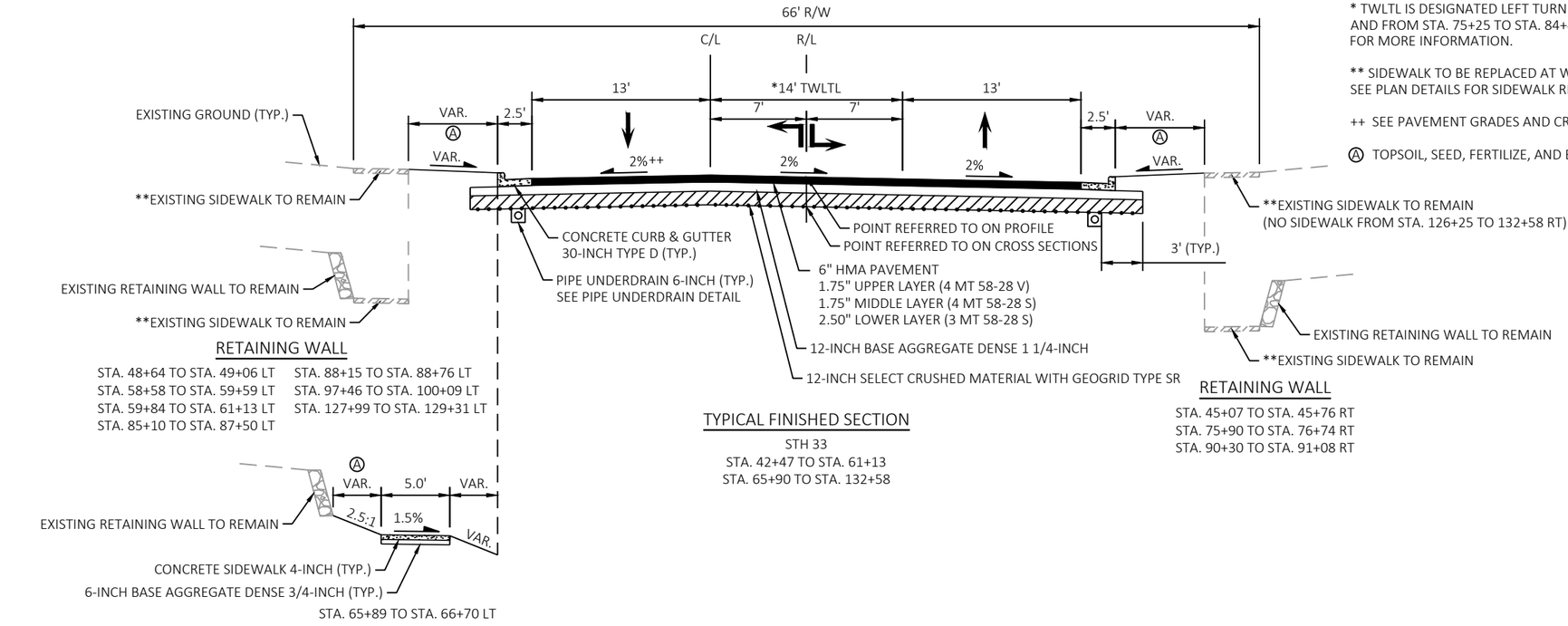
Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT

** SIDEWALK TO BE REPLACED AT WATER AND SANITARY LATERAL REPLACEMENT.
SEE PLAN DETAILS FOR SIDEWALK REPLACEMENT LOCATIONS.

TYPICAL FINISHED SECTION

STH 33
STA. 38+37 TO STA. 42+47

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TYPICAL SECTIONS	SHEET 9	E



RETAINING WALL

STA. 48+64 TO STA. 49+06 LT
STA. 58+58 TO STA. 59+59 LT
STA. 59+84 TO STA. 61+13 LT
STA. 85+10 TO STA. 87+50 LT
STA. 88+15 TO STA. 88+76 LT
STA. 97+46 TO STA. 100+09 LT
STA. 127+99 TO STA. 129+31 LT

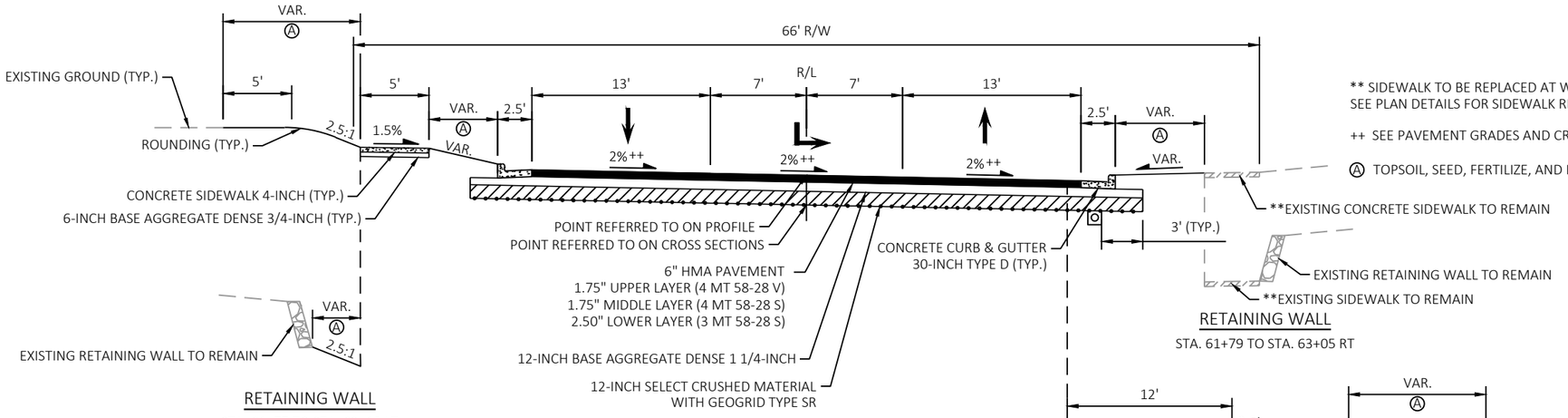
TYPICAL FINISHED SECTION

STH 33
STA. 42+47 TO STA. 61+13
STA. 65+90 TO STA. 132+58

RETAINING WALL

STA. 45+07 TO STA. 45+76 RT
STA. 75+90 TO STA. 76+74 RT
STA. 90+30 TO STA. 91+08 RT

STA. 65+89 TO STA. 66+70 LT



RETAINING WALL

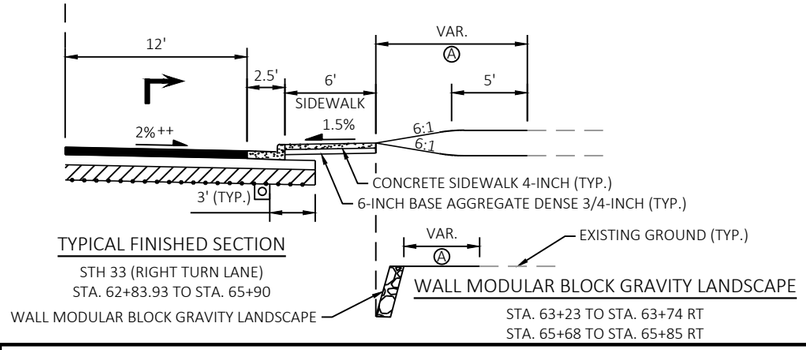
STA. 61+77 TO STA. 63+15 LT
STA. 64+05 TO STA. 64+28 LT
STA. 64+88 TO STA. 65+80 LT

TYPICAL FINISHED SECTION

STH 33
STA. 61+13 TO STA. 65+90

RETAINING WALL

STA. 61+79 TO STA. 63+05 RT



TYPICAL FINISHED SECTION

STH 33 (RIGHT TURN LANE)
STA. 62+83.93 TO STA. 65+90

WALL MODULAR BLOCK GRAVITY LANDSCAPE

STA. 63+23 TO STA. 63+74 RT
STA. 65+68 TO STA. 65+85 RT

* TWLTL IS DESIGNATED LEFT TURN ONLY LANE FROM STA. 67+16 TO STA. 70+61 AND FROM STA. 75+25 TO STA. 84+48. SEE PAVEMENT MARKING AND SIGNING PLAN FOR MORE INFORMATION.

** SIDEWALK TO BE REPLACED AT WATER AND SANITARY LATERAL REPLACEMENT. SEE PLAN DETAILS FOR SIDEWALK REPLACEMENT LOCATIONS

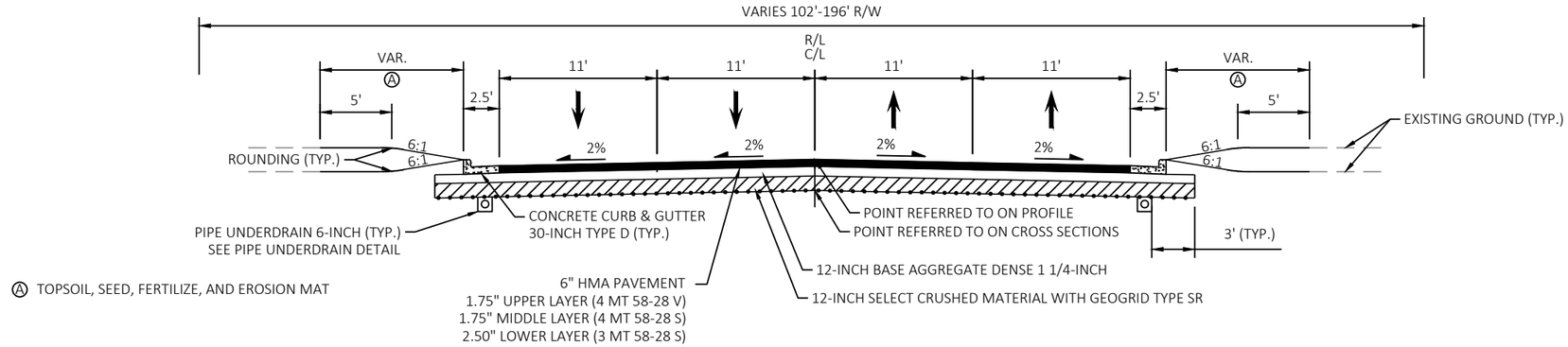
++ SEE PAVEMENT GRADES AND CROSS SLOPE TABLES FOR MORE INFORMATION

Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT

** SIDEWALK TO BE REPLACED AT WATER AND SANITARY LATERAL REPLACEMENT. SEE PLAN DETAILS FOR SIDEWALK REPLACEMENT LOCATIONS

++ SEE PAVEMENT GRADES AND CROSS SLOPE TABLES FOR MORE INFORMATION

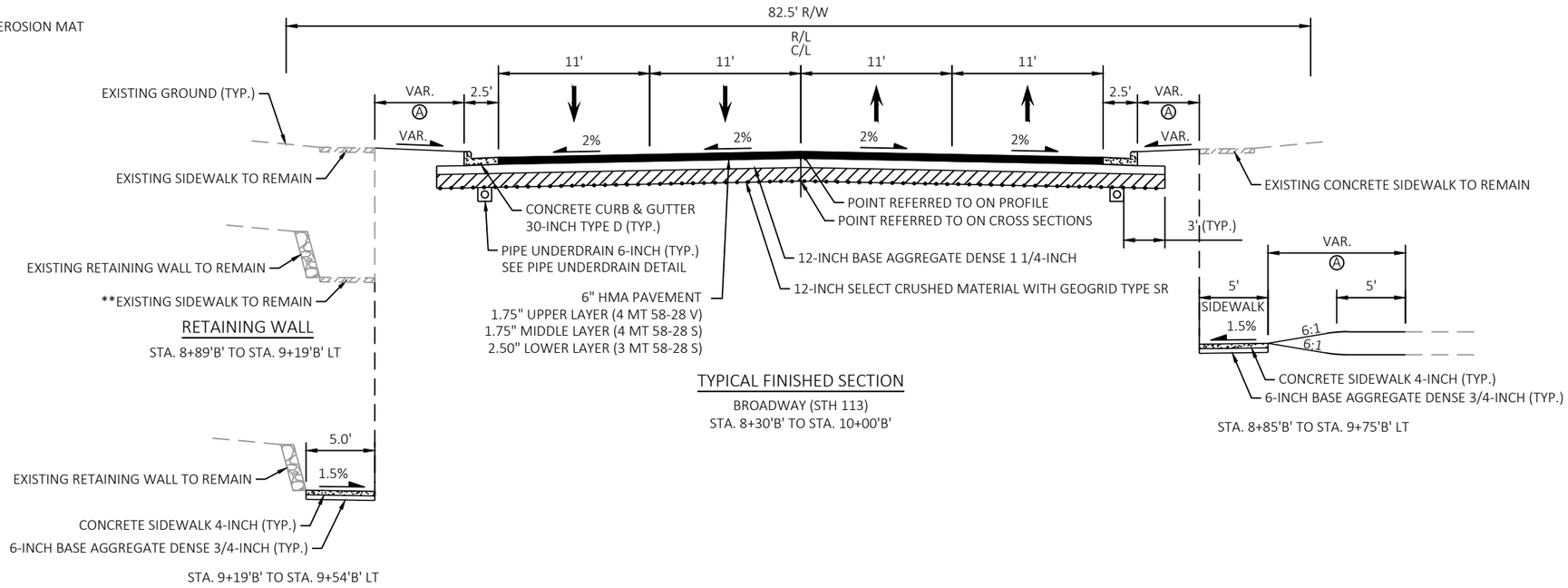
Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT



TYPICAL FINISHED SECTION

STH 33
STA. 132+58 TO STA. 134+22.35

Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT



RETAINING WALL

STA. 8+89'B' TO STA. 9+19'B' LT

TYPICAL FINISHED SECTION

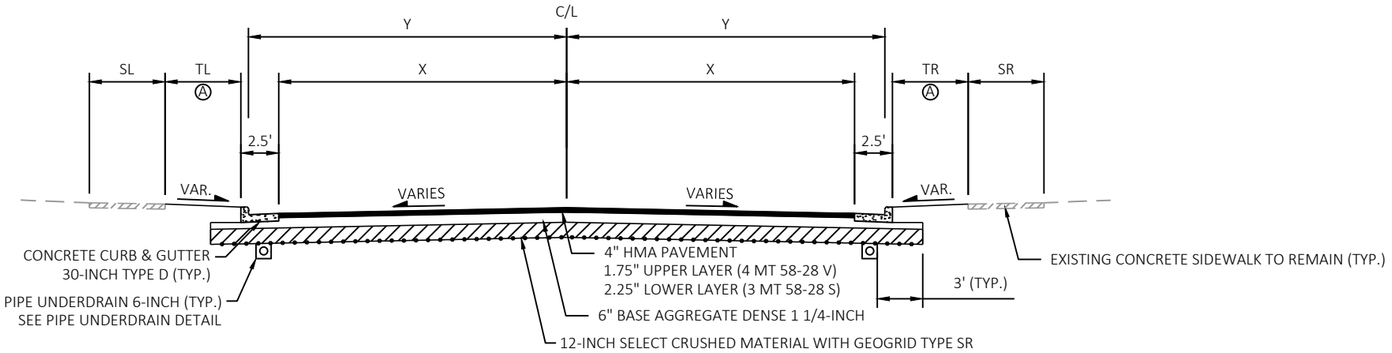
BROADWAY (STH 113)
STA. 8+30'B' TO STA. 10+00'B'

STA. 8+85'B' TO STA. 9+75'B' LT

STA. 9+19'B' TO STA. 9+54'B' LT

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TYPICAL SECTIONS	SHEET 11	E

2



Ⓐ TOPSOIL, SEED, FERTILIZE, AND EROSION MAT

TYPICAL FINISHED SECTION

SIDE STREET

ROADWAY	STA. TO STA.	SL	TL	X	Y	TR	SR
W MULBERRY STREET	9+35'M' - 10+00'M'	4.0'	VAR.	18'	20'	N/A	N/A
W MULBERRY STREET	10+00'M' - 10+50'M'	N/A	N/A	22'	24'	VAR.	5.0'
WALNUT STREET	9+25'WA' - 10+00'WA'	N/A	N/A	17.5'	19.5'	N/A	N/A
CONNIE ROAD	10+00'CO' - 10+60'CO'	5.0'	VAR.	18'	20'	N/A	N/A
CEDAR STREET	9+40'C' - 10+00'C'	N/A	N/A	18'	20'	N/A	N/A
WILLOW STREET	9+18'WI' - 10+00'WI'	5.0'	VAR.	18'	20'	N/A	N/A
HILL STREET	10+00'H' - 10+80'H'	N/A	N/A	18'	20'	VAR.	5.0'
DRAPER STREET	10+00'D' - 10+70'D'	6.0'	N/A	21'	23'	VAR.	4.5'
DRAPER STREET	10+70'D' - 11+20'D'	5.0'	VAR.	17'	19'	VAR.	4.5'
PARK STREET	9+35'P' - 10+00'P'	5.0'	VAR.	15.5'	17.5'	VAR.	5.0'
PARK STREET	10+00'P' - 10+69'P'	5.0'	VAR.	15'	17'	VAR.	5.0'
SUMMIT STREET	9+45'S' - 10+00'S'	N/A	N/A	15'	17'	VAR.	5.0'
SUMMIT STREET	10+00'S' - 10+65'S'	5.0'	VAR.	15'	17'	VAR.	5.0'
WOOD STREET	10+00'WO' - 10+60'WO'	5.0'	VAR.	15.5'	17.5'	VAR.	5.0'
CENTER STREET	9+30'CE' - 10+00'CE'	5.0'	VAR.	15'	17'	VAR.	5.0'
WEST STREET	9+45'WE' - 10+00'WE'	5.0'	VAR.	15'	17'	VAR.	5.0'
WEST STREET	10+00'WE' - 10+60'WE'	5.0'	VAR.	15'	17'	N/A	N/A
BIRCH STREET	9+30'BI' - 10+00'BI'	N/A	N/A	13'	15'	VAR.	5.0'
BIRCH STREET	10+00'BI' - 10+60'BI'	5.0'	VAR.	13'	15'	VAR.	5.0'
OAK STREET	9+23'O' - 10+00'O'	5.0'	VAR.	15.75'	17.75'	VAR.	5.0'
OAK STREET	10+00'O' - 10+60'O'	5.0'	VAR.	15.5'	17.5'	VAR.	5.0'
ASH STREET	8+63'A' - 10+00'A'	5.0'	VAR.	16'	18'	VAR.	5.0'
ASH STREET	10+00'A' - 10+69'A'	4.5'	VAR.	15.5'	17.5'	VAR.	5.0'
EAST STREET	9+45'E' - 10+00'E'	5.0'	VAR.	16'	18'	VAR.	4.5'
EAST STREET	10+00'E' - 10+70'E'	4.5'	VAR.	16'	18'	VAR.	5.0'
WARREN STREET	10+00'WR' - 10+55'WR'	5.0'	VAR.	16'	18'	VAR.	4.0'
BARKER STREET	9+45'BA' - 10+00'BA'	5.0'	VAR.	16'	18'	VAR.	5.0'
BARKER STREET	10+00'BA' - 10+55'BA'	4.0'	VAR.	16'	18'	VAR.	4.0'
ELIZABETH STREET	9+40'EL' - 10+00'EL'	5.0'	VAR.	16'	18'	VAR.	5.0'
ELIZABETH STREET	10+00'EL' - 10+60'EL'	5.0'	VAR.	15.5'	17.5'	VAR.	5.0'
CAMP STREET	9+25'CA' - 10+00'CA'	5.0'	VAR.	16'	18'	N/A	N/A
TUTTLE STREET	10+00'TU' - 10+50'TU'	N/A	N/A	13'	15'	N/A	N/A
WHEELER STREET	9+45'WH' - 10+00'WH'	4.5'	N/A	10.5'	12.5'	N/A	N/A
JEFFERSON STREET	9+32'J' - 10+00'J'	4.5'	VAR.	16'	18'	N/A	4.0'
JEFFERSON STREET	10+00'J' - 10+73'J'	5.0'	VAR.	16'	18'	VAR.	5.0'
WASHINGTON AVENUE	9+34'W' - 10+00'W'	5.0'	VAR.	17.5'	19.5'	VAR.	5.0'
WASHINGTON AVENUE	10+00'W' - 10+69'W'	5.0'	VAR.	16'	18'	VAR.	5.0'
LINCOLN AVENUE	9+45'L' - 10+00'L	N/A	N/A	22'	24'	N/A	N/A
LINCOLN AVENUE	10+00'L' - 10+80'L'	5.0'	VAR.	16'	18'	VAR.	4.5'
TAFT AVENUE	10+00'T' - 10+90'T'	N/A	N/A	15'	17'	N/A	N/A

STH 33

STATION	CROSS SLOPES			COMMENTS
	WB LANE	TWLTL	EB LANE	
4+00	-1.61%	-1.73%	-1.73%	MATCH EXISTING
4+26.73	-2.00%	-1.00%	-1.00%	
5+25	-2.00%	-2.00%	-2.00%	NORMAL CROWN
8+50	-2.00%	-2.00%	-2.00%	NORMAL CROWN
8+75	-2.00%	-1.00%	-1.00%	
9+75	-2.00%	-1.00%	-1.00%	
10+00	-2.00%	-2.00%	-2.00%	NORMAL CROWN
13+25	-2.00%	-2.00%	-2.00%	NORMAL CROWN
13+50	-2.00%	-1.00%	-1.00%	
14+75	-2.00%	-1.00%	-1.00%	
15+00	-2.00%	-2.00%	-2.00%	NORMAL CROWN
21+00	-2.00%	-2.00%	-2.00%	NORMAL CROWN
21+73	0.00%	0.00%	0.00%	LEVEL CROWN
23+12	-1.60%	1.60%	1.60%	BEGIN FULL SUPER
23+75	-1.60%	1.60%	1.60%	END FULL SUPER
24+12	-2.50%	0.00%	0.00%	LEVEL CROWN RIGHT
25+75	2.00%	-2.00%	-2.00%	REVERSE CROWN
28+50	4.00%	-4.00%	-4.00%	BEGIN FULL SUPER
31+50	4.00%	-4.00%	-4.00%	END FULL SUPER
32+50	2.00%	-2.00%	-2.00%	REVERSE CROWN
32+92	0.00%	0.00%	0.00%	LEVEL CROWN
33+55	-2.00%	2.00%	2.00%	BEGIN FULL SUPER
34+00	-2.00%	2.00%	2.00%	END FULL SUPER
35+75	-2.00%	0.00%	0.00%	LEVEL CROWN RIGHT
37+00	-2.00%	-2.00%	-2.00%	NORMAL CROWN
37+50	-2.00%	-2.00%	-2.00%	NORMAL CROWN
38+00	-2.00%	-1.00%	-2.00%	
47+00	-2.00%	-1.00%	-2.00%	
47+50	-2.00%	-1.00%	-1.00%	
48+50	-2.00%	-1.00%	-1.00%	
49+00	-2.00%	-2.00%	-2.00%	NORMAL CROWN
52+85	-2.00%	-2.00%	-2.00%	NORMAL CROWN
53+30	0.00%	-2.00%	-2.00%	LEVEL CROWN LEFT
53+75	2.00%	-2.00%	-2.00%	REVERSE CROWN
59+25	2.00%	-2.00%	-2.00%	REVERSE CROWN
59+50	3.00%	-3.00%	-3.00%	REVERSE CROWN
65+25	3.00%	-3.00%	-3.00%	REVERSE CROWN
65+50	3.00%	-2.00%	-2.00%	REVERSE CROWN
71+50	2.00%	-2.00%	-2.00%	REVERSE CROWN
71+95	0.00%	-2.00%	-2.00%	LEVEL CROWN LEFT
72+40	-2.00%	-2.00%	-2.00%	NORMAL CROWN
74+00	-2.00%	-2.00%	-2.00%	NORMAL CROWN
74+50	-2.00%	-1.00%	-1.00%	
75+95	-2.00%	-1.00%	-1.00%	
76+45	-2.00%	-2.00%	-2.00%	NORMAL CROWN
79+50	-2.00%	-2.00%	-2.00%	NORMAL CROWN
80+00	-2.00%	-1.00%	-1.00%	
80+50	-2.00%	-1.00%	-1.00%	
81+00	-2.00%	-2.00%	-2.00%	NORMAL CROWN
133+50	-2.00%	-2.00%	-2.00%	NORMAL CROWN
134+22.35	-2.42%	-2.52%	-2.52%	MATCH EXISTING

W MULBERRY STREET - SOUTH

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+35'M'	2.23%	-5.53%	MATCH EXISTING
9+40'M'	2.37%	-5.80%	MATCH EXISTING
9+53.89'M'	4.00%		
9+55.41'M'		-6.00%	
9+80'M'	5.71%	-5.71%	MATCH STH 33 PROFILE
10+00'M'	5.71%	-5.71%	MATCH STH 33 PROFILE

W MULBERRY STREET - NORTH

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
10+00'M'	5.71%	-5.71%	MATCH STH 33 PROFILE
10+20'M'	5.71%	-5.71%	MATCH STH 33 PROFILE
10+50'M'	3.81%	-4.30%	MATCH EXISTING

WALNUT STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+25'WA'	-1.36%	-1.90%	MATCH EXISTING
9+40'WA'	-1.33%	-2.59%	MATCH EXISTING
9+53'WA'	-1.33%	-2.59%	
9+80'WA'	0.65%	-0.65%	MATCH STH 33 PROFILE
10+00'WA'	0.65%	-0.65%	MATCH STH 33 PROFILE

CONNIE ROAD

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
10+00'CO'	2.40%	-2.40%	MATCH STH 33 PROFILE
10+20'CO'	2.40%	-2.40%	MATCH STH 33 PROFILE
10+60'CO'	-0.01%	-3.36%	MATCH EXISTING

CEDAR STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+40'C'	-0.76%	-2.18%	MATCH EXISTING
9+80'C'	1.69%	-1.69%	MATCH STH 33 PROFILE
10+00'C'	1.69%	-1.69%	MATCH STH 33 PROFILE

WILLOW STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+18'WI'	-1.40%	-1.83%	MATCH EXISTING
9+40'WI'	-1.88%	-1.79%	MATCH EXISTING
9+54'WI'	-1.88%	-1.79%	
9+80'WI'	0.62%	-0.62%	MATCH STH 33 PROFILE
10+00'WI'	0.62%	-0.62%	MATCH STH 33 PROFILE

HILL STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
10+00'H'	0.53%	-0.53%	MATCH STH 33 PROFILE
10+20'H'	0.53%	-0.53%	MATCH STH 33 PROFILE
10+65'H'	-2.09%	-2.15%	MATCH EXISTING
10+80'H'	-2.84%	-1.74%	MATCH EXISTING

DRAPER STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
10+00'D'	-2.87%	2.87%	MATCH STH 33 PROFILE
10+20'D'	-2.87%	2.87%	MATCH STH 33 PROFILE
10+75'D'	-2.85%	0.64%	
11+20'D'	-3.29%	0.23%	MATCH EXISTING

PARK STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+35'P'	-2.82%	-0.60%	MATCH EXISTING
9+45'P'	-2.49%	-0.14%	MATCH EXISTING
9+60'P'	-2.49%	-0.40%	
9+80'P'	-0.51%	0.51%	MATCH STH 33 PROFILE
10+20'P'	-0.51%	0.51%	MATCH STH 33 PROFILE
10+65'P'	-1.25%	-1.89%	MATCH EXISTING
10+69'P'	-1.47%	-2.25%	MATCH EXISTING

SUMMIT STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+45'S'	2.66%	-2.61%	MATCH EXISTING
9+60'S'	5.00%	-7.00%	
9+80'S'	6.71%	-6.71%	MATCH STH 33 PROFILE
10+20'S'	6.71%	-6.71%	MATCH STH 33 PROFILE
10+44.62'S'		-7.59%	
10+45'S'	6.50%		
10+65'S'	5.15%	-7.59%	MATCH EXISTING

WOOD STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
10+00'WO'	0.40%	-0.40%	MATCH STH 33 PROFILE
10+20'WO'	0.40%	-0.40%	MATCH STH 33 PROFILE
10+39.81'WO'	-2.10%		
10+40.27'WO'		-3.00%	
10+43.71'WO'		-3.00%	
10+60'WO'	-1.75%	-1.46%	MATCH EXISTING

CENTER STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+30'CE'	-1.84%	-4.04%	MATCH EXISTING
9+45'CE'	-2.37%	-4.68%	MATCH EXISTING
9+57.07'CE'		-3.30%	
9+57.77'CE'	-1.50%		
9+80'CE'	0.40%	-0.40%	MATCH STH 33 PROFILE
10+00'CE'	0.40%	-0.40%	MATCH STH 33 PROFILE

WEST STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+45'WE'	-3.88%	-0.04%	MATCH EXISTING
9+60'WE'	-2.00%	2.00%	
9+80'WE'	-2.22%	2.22%	MATCH STH 33 PROFILE
10+20WE'	-2.22%	2.22%	MATCH STH 33 PROFILE
10+40'WE'	-5.00%	-1.00%	
10+60'WE'	-3.94%	-0.39%	MATCH EXISTING

BIRCH STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+30'BI'	-7.40%	3.67%	MATCH EXISTING
9+45BI'	-7.72%	1.37%	MATCH EXISTING
9+60'BI'	-6.70%	2.00%	
9+80'BI'	-3.25%	3.25%	MATCH STH 33 PROFILE
10+20'BI'	-3.25%	3.25%	MATCH STH 33 PROFILE
10+40'BI'	-3.50%	-0.20%	
10+60'BI'	-2.02%	0.45%	MATCH EXISTING

BROADWAY (STH 113)

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
8+30'B'	-2.86%	-5.84%	MATCH EXISTING
8+80'B'	-2.14%	-5.05%	MATCH EXISTING
9+80'B'	2.45%	-2.06%	MATCH STH 33 PROFILE
10+00'B'	2.45%	-2.06%	MATCH STH 33 PROFILE

OAK STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+23'O'	-1.90%	-2.08%	MATCH EXISTING
9+45'O'	-1.73%	-1.53%	MATCH EXISTING
9+60'O'	-0.60%	-1.10%	
9+80'O'	0.45%	-0.45%	MATCH STH 33 PROFILE
10+20'O'	0.45%	-0.45%	MATCH STH 33 PROFILE
10+40'O'	-0.30%	-1.00%	
10+60'O'	-0.40%	-2.17%	MATCH EXISTING

ASH STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
8+63'A'	-5.48%	-2.81%	MATCH EXISTING
9+45'A'	-4.69%	-1.10%	MATCH EXISTING
9+60'A'		-0.66%	
9+61'A'	-4.00%		
9+80'A'	-1.55%	1.55%	MATCH STH 33 PROFILE
10+20'A'	-1.55%	1.55%	MATCH STH 33 PROFILE
10+40'A'	-2.50%	-0.50%	
10+55'A'	-1.86%	-1.13%	MATCH EXISTING
10+69'A'	-2.02%	-1.77%	MATCH EXISTING

EAST STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+45'E'	-0.81%	-0.46%	MATCH EXISTING
9+60'E'	1.00%	-0.40%	
9+80'E'	0.52%	-0.43%	MATCH STH 33 PROFILE
10+20'E'	0.52%	-0.43%	MATCH STH 33 PROFILE
10+40'E'	0.57%	-1.00%	
10+70'E'	-1.40%	-2.07%	MATCH EXISTING

WARREN STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
10+00'WR'	0.43%	-0.43%	MATCH STH 33 PROFILE
10+20'WR'	0.43%	-0.43%	MATCH STH 33 PROFILE
10+40'WR'	-0.50%	-1.00%	
10+55'WR'	-0.92%	-0.98%	MATCH EXISTING

BARKER STREET (SOUTH)

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+45'BA'	-2.13%	-1.16%	MATCH EXISTING
9+60'BA'	-1.20%	1.00%	
9+80'BA'	-2.03%	2.03%	MATCH STH 33 PROFILE
10+00'BA'	-2.03%	2.03%	MATCH STH 33 PROFILE

2

BARKER STREET (NORTH)

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
10+00'BA'	-1.97%	2.03%	MATCH STH 33 PROFILE
10+20'BA'	-1.97%	2.03%	MATCH STH 33 PROFILE
10+40'BA'	-3.50%	-1.75%	
10+55'BA'	-1.54%	-1.35%	MATCH EXISTING

ELIZABETH STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+40'EL'	-1.94%	1.09%	MATCH EXISTING
9+55'EL'	-1.46%	-1.28%	MATCH EXISTING
9+60'EL'	-0.50%	-1.60%	
9+80'EL'	0.65%	-0.50%	MATCH STH 33 PROFILE
10+20'EL'	0.65%	-0.50%	MATCH STH 33 PROFILE
10+40'EL'	0.00%	-0.50%	
10+60'EL'	-1.83%	-0.83%	MATCH EXISTING

CAMP STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+25'CA'	-4.29%	-1.98%	MATCH EXISTING
9+45'CA'	-3.05%	-1.67%	MATCH EXISTING
9+60'CA'	-2.53%	0.00%	
9+80'CA'	-2.53%	2.69%	MATCH STH 33 PROFILE
10+00'CA'	-2.53%	2.69%	MATCH STH 33 PROFILE

TUTTLE STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
10+00'TU'	-2.66%	2.46%	MATCH STH 33 PROFILE
10+20'TU'	-2.66%	2.46%	MATCH STH 33 PROFILE
10+34.86'TU'	-2.75%		
10+35'TU'		-0.50%	
10+50'TU'	-0.79%	-1.37%	MATCH EXISTING

WHEELER STREET

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+45'WH'	-2.97%	-0.30%	MATCH EXISTING
9+65'WH'	-3.00%	-0.30%	
9+80'WH'	-1.59%	1.49%	MATCH STH 33 PROFILE
10+00'WH'	-1.59%	1.49%	MATCH STH 33 PROFILE

JEFFERSON STREET (SOUTH)

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+32'J'	-3.24%	-2.67%	MATCH EXISTING
9+55'J'	-2.54%	-2.28%	MATCH EXISTING
9+65'J'	-1.25%	-1.90%	
9+80'J'	0.69%	-0.45%	MATCH STH 33 PROFILE
10+00'J'	0.69%	-0.45%	MATCH STH 33 PROFILE

JEFFERSON STREET (NORTH)

STATION	CROSS SLOPES		COMMENTS
	SB	NB	
10+00'J'	-0.08%	0.32%	MATCH STH 33 PROFILE
10+20'J'	-0.08%	0.32%	MATCH STH 33 PROFILE
10+40'J'	-1.50%	-0.50%	
10+55'J'	-1.68%	-1.82%	MATCH EXISTING
10+73'J'	-1.76%	-1.71%	MATCH EXISTING

WASHINGTON AVENUE

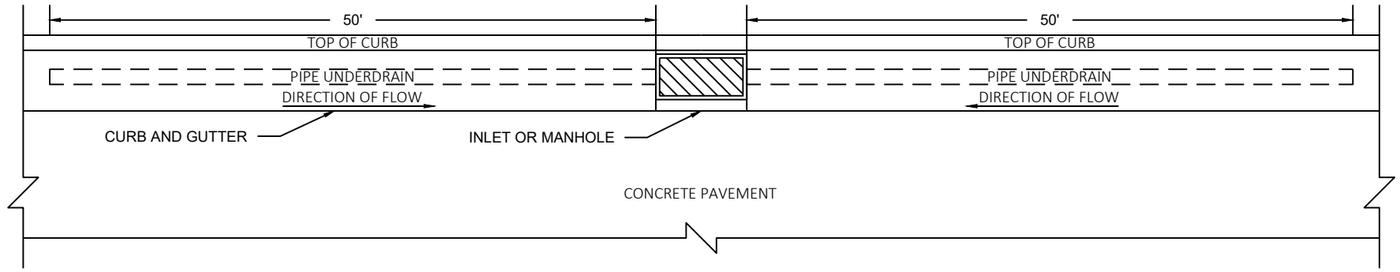
STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+34'W'	-2.28%	-1.89%	MATCH EXISTING
9+52'W'	-1.65%	-1.61%	MATCH EXISTING
9+61'W'	-0.50%		
9+65'W'		-0.80%	
9+80'W'	0.41%	0.05%	MATCH STH 33 PROFILE
10+20'W'	0.41%	0.05%	MATCH STH 33 PROFILE
10+39'W'		-1.04%	
10+40'W'	-0.95%		
10+55'W'	-0.95%	-1.04%	MATCH EXISTING
10+69'W'	-1.59%	-1.54%	MATCH EXISTING

LINCOLN AVENUE

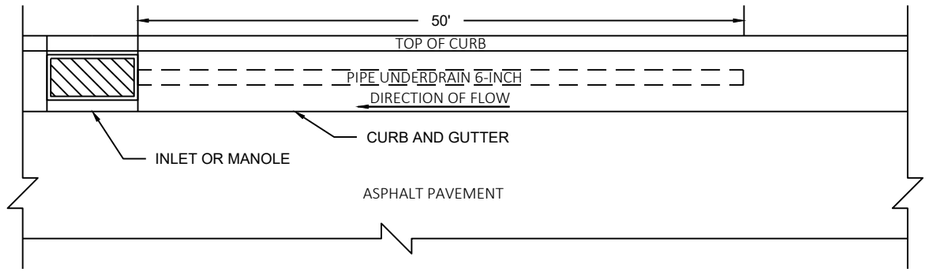
STATION	CROSS SLOPES		COMMENTS
	SB	NB	
9+45'L'	-1.83%	-1.03%	MATCH EXISTING
9+60'L'	-0.50%	-1.00%	
9+80'L'	0.55%	-0.33%	MATCH STH 33 PROFILE
10+20'L'	0.55%	-0.33%	MATCH STH 33 PROFILE
10+40'L'	-2.00%	-2.60%	
10+70'L'	-2.64%	-3.21%	MATCH EXISTING
10+80'L'	-2.45%	-3.64%	MATCH EXISTING

TAFT AVENUE

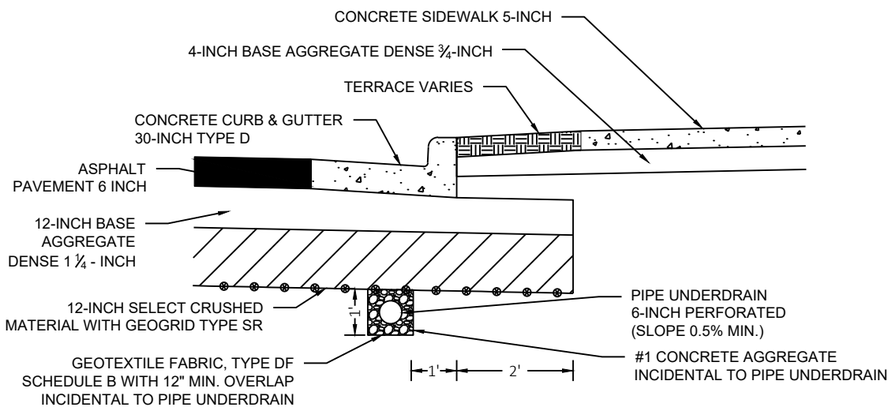
STATION	CROSS SLOPES		COMMENTS
	SB	NB	
10+00'T'	0.31%	-0.31%	MATCH STH 33 PROFILE
10+20'T'	0.31%	-0.31%	MATCH STH 33 PROFILE
10+66.04'T'	-2.06%		
10+80.25'T'		-1.40%	
10+90'T'	-2.25%	-1.83%	MATCH EXISTING



PIPE UNDERDRAIN 6-INCH AT SAG INLET

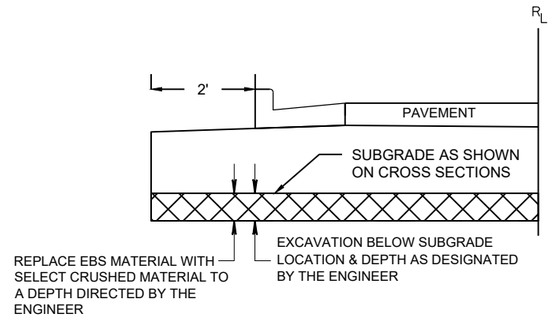


PIPE UNDERDRAIN 6-INCH AT NON-SAG INLET

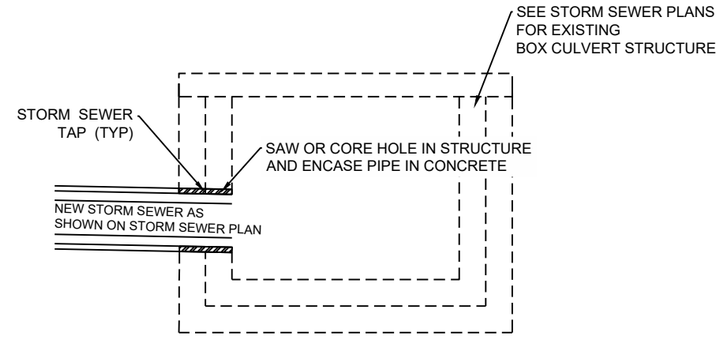


PIPE UNDERDRAIN DETAIL

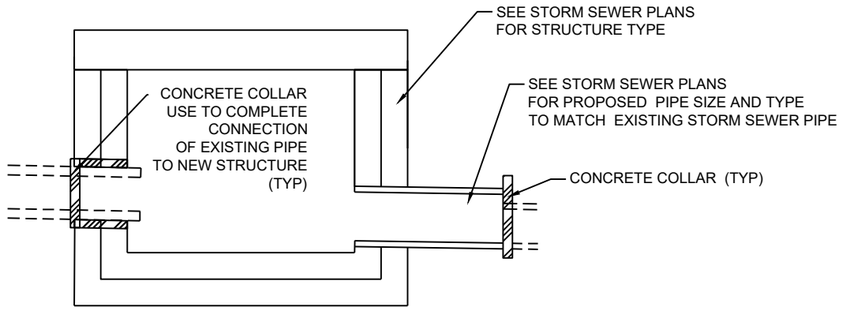
UNDERDRAIN TO BE USED 50' IN EACH DIRECTION FROM EVERY SAG INLET AND 50' UPSTREAM OF OTHER INLETS. TO BE DISCHARGED INTO STORM SEWER INLETS/MANHOLES. TIE-INS INCIDENTAL TO UNDERDRAIN

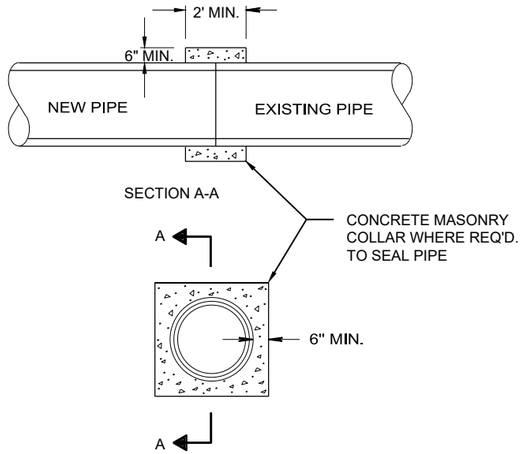


DETAIL FOR EXCAVATION BELOW SUBGRADE



STORM SEWER TAP DETAIL





CONCRETE COLLAR DETAIL

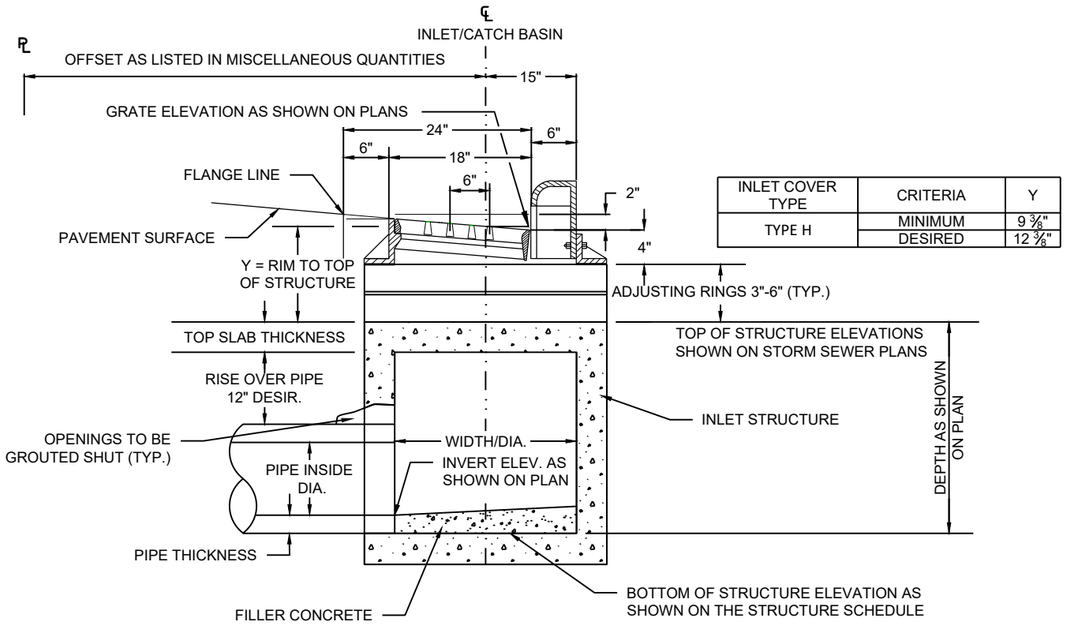
RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = 4.99 ACRES 5090-05-60
19.48 ACRES 5090-05-71
ACRES TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 4.06 ACRES 5090-05-60
16.64 ACRES 5090-05-71

Soil Boring ID	Date Completed	Northing (Y)	Easting (X)
1	5/15/2019	238895.9198	644936.2096
2	5/15/2019	238903.9500	644942.7889
3	5/15/2019	238936.2447	646139.8001
4	5/15/2019	239104.6203	646658.6717
5	5/15/2019	238879.8073	647245.9521
6	5/15/2019	238892.1664	648265.8443
7	5/15/2019	238887.8195	648891.9055
8	5/15/2019	238888.6531	649715.6842
9	5/15/2019	238877.9768	651054.9285
10	5/15/2019	238873.1141	652156.9704
11	5/15/2019	238862.7830	652834.7668
12	5/15/2019	238861.0700	653888.4451
13	5/15/2019	238872.9763	654835.2016
14	5/15/2019	238868.3019	654836.9811
15	5/15/2019	238866.8319	656273.7256

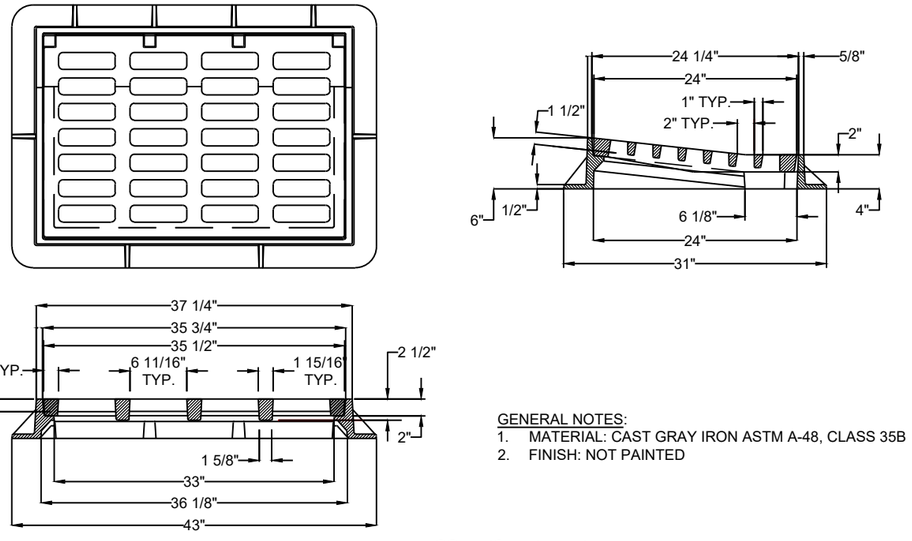
BORINGS COMPLETED BY: WISDOT
REPORT COMPLETED BY: WISDOT
ALL COORDINATES REFERENCED TO WISCRS NSRS2011 SAUK COUNTY



INLET COVER TYPE	CRITERIA	Y
TYPE H	MINIMUM	9 3/8"
	DESIRED	12 3/8"

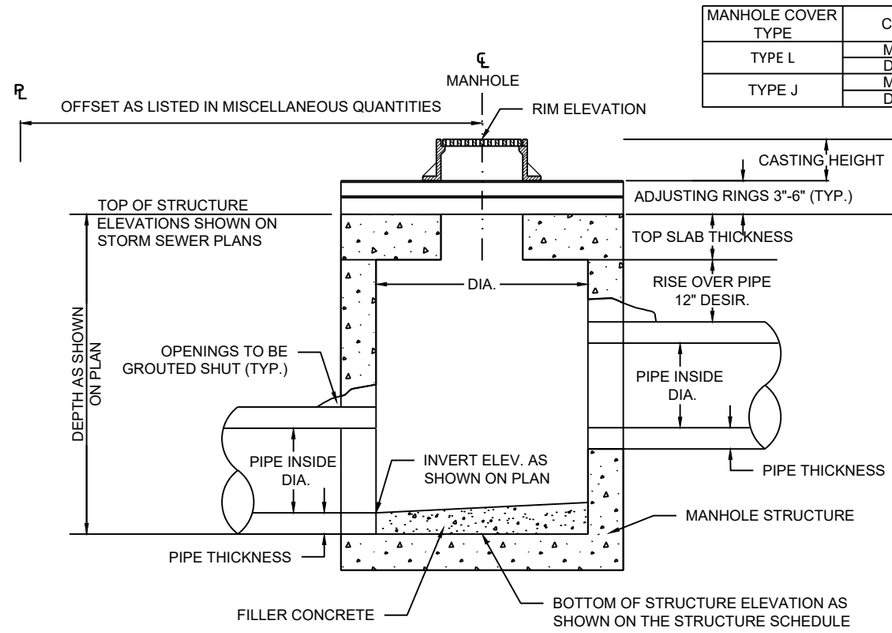
GENERAL NOTES:
1. SEE STORM SEWER STRUCTURE SCHEDULE FOR MORE INFORMATION.
2. TOP SLAB THICKNESS FOR INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT IS 0-INCHES.
3. SEE S.D.D.'S INLETS 3-FT & 4FT DIAMETER AND INLETS 2X2-FT, 2X2.5-FT, 2X3FT, & 2.5X3-FT FOR MORE INFORMATION.

DETAIL OF STRUCTURE DIMENSIONS FOR INLETS AND CATCH BASINS
(SEE STORM SEWER PLANS AND MISCELLANEOUS QUANTITIES FOR LOCATIONS)



GENERAL NOTES:
1. MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B
2. FINISH: NOT PAINTED

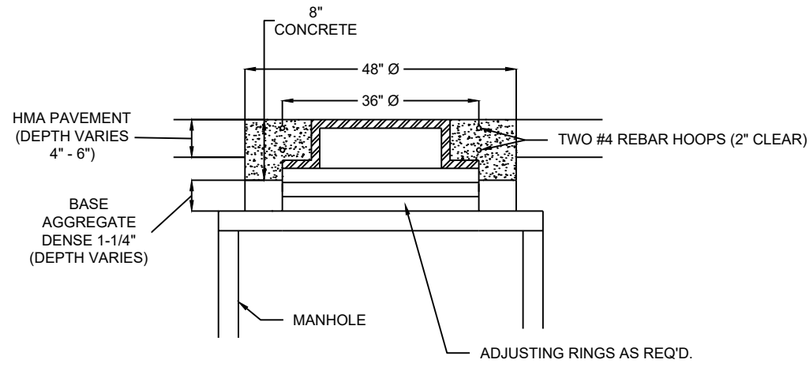
INLET COVERS TYPE H-D



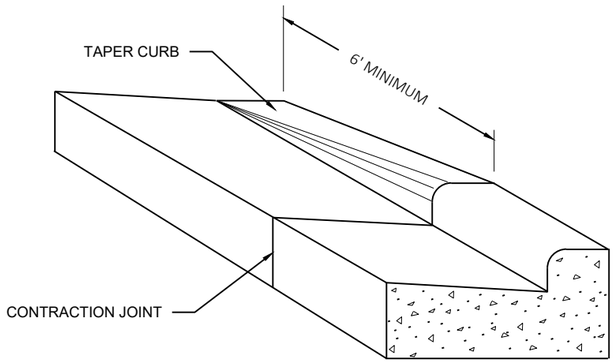
MANHOLE COVER TYPE	CRITERIA	Y
TYPE L	MINIMUM	9"
	DESIRED	12"
TYPE J	MINIMUM	11 7/8"
	DESIRED	14 7/8"

GENERAL NOTES:
1. SEE STORM SEWER STRUCTURE SCHEDULE FOR MORE INFORMATION.
2. SEE S.D.D. MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, & 8-FT DIAMETER FOR MORE INFORMATION.

DETAIL FOR COMPUTING MANHOLE ELEVATIONS
(SEE STORM SEWER PLANS AND MISCELLANEOUS QUANTITIES FOR LOCATIONS)

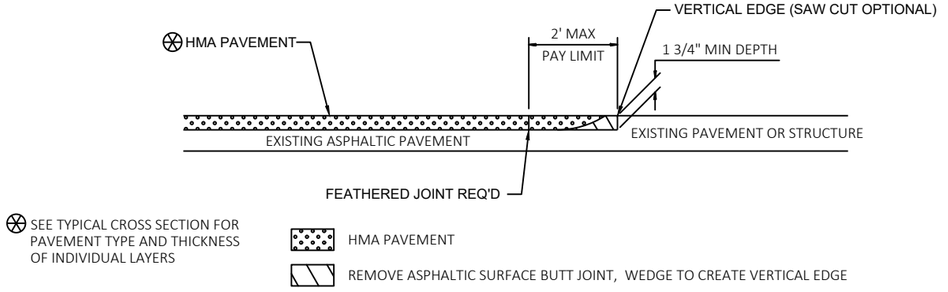


ADJUSTING MANHOLE COVERS

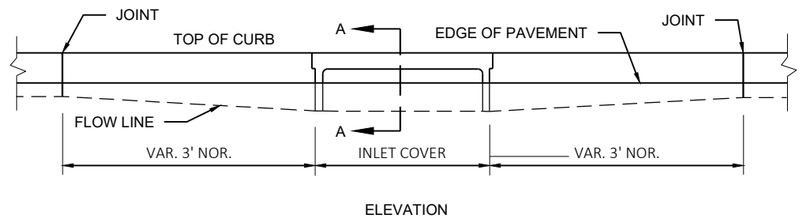


DETAIL OF CURB AND GUTTER TERMINI

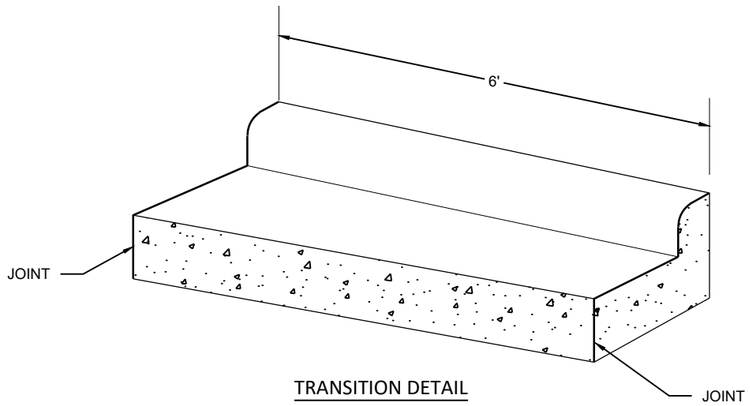
COUNTY T (TAFT AVENUE) AND EAST END OF PROJECT



BUTT JOINT DETAIL FOR ASPHALTIC PAVEMENTS (NO PROFILE CHANGE)

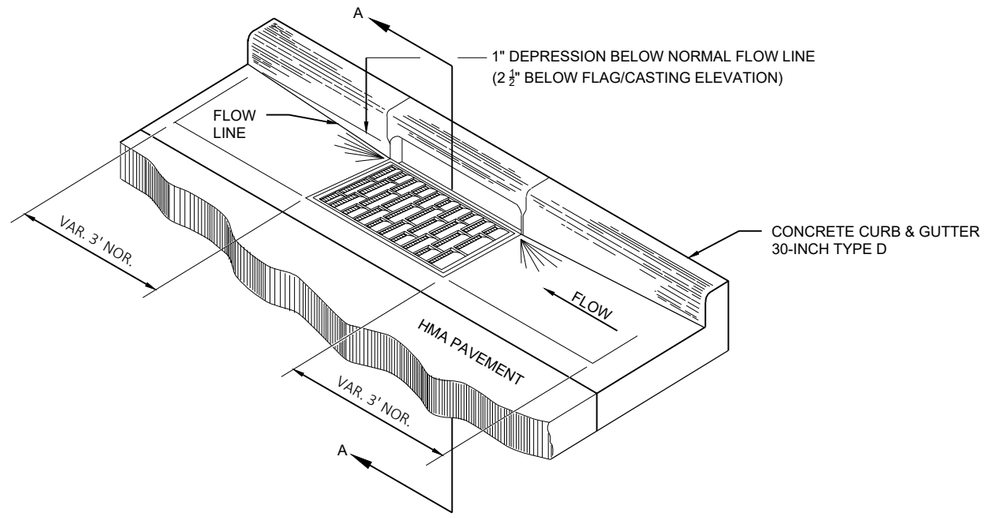


ELEVATION



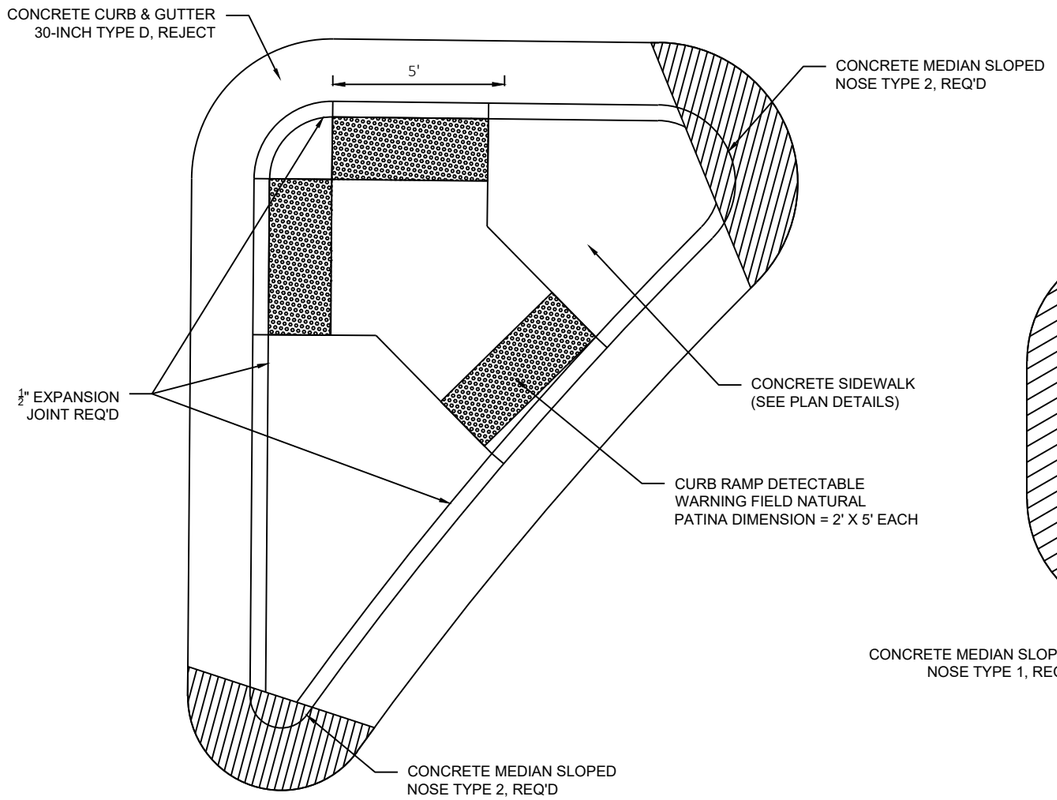
TRANSITION DETAIL

30" TYPE "D" CURB & GUTTER TO 18" TYPE "D" CURB & GUTTER (TO BE MEASURED & PAID FOR AS 30" CONC. C&G)

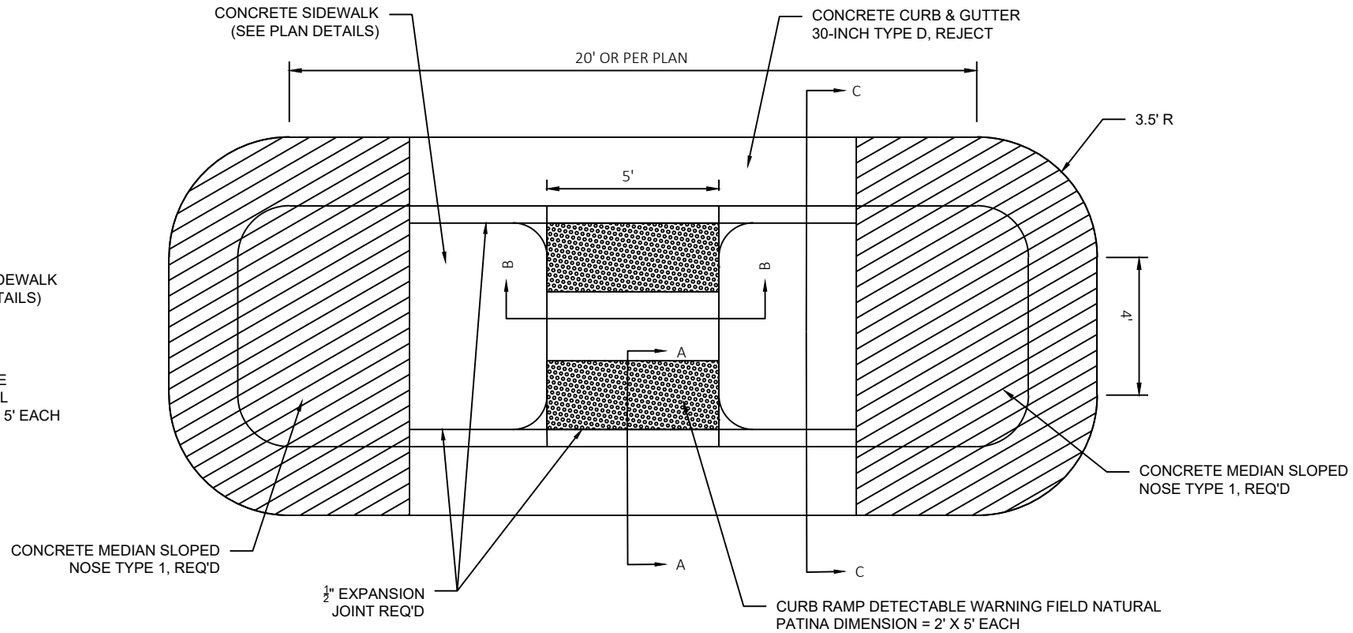


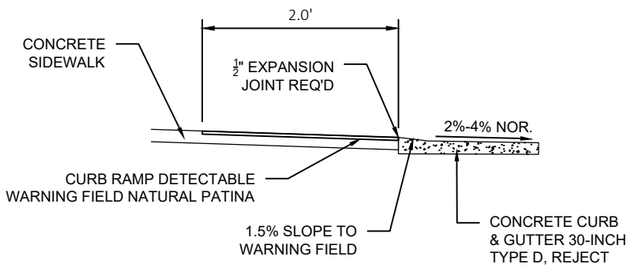
DETAIL OF CURB AND GUTTER AT INLETS

(INLET COVER TYPE H SHOWN)

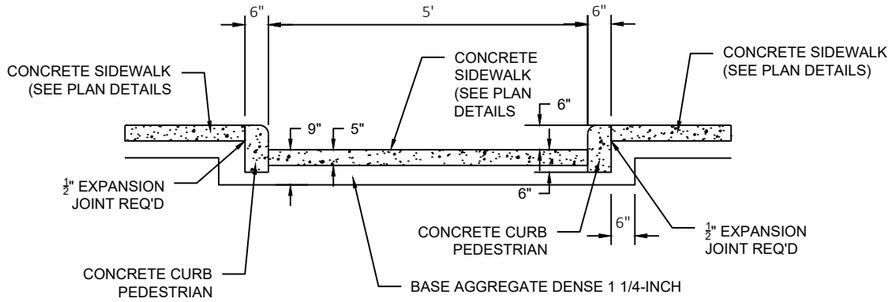


BROADWAY INTERSECTION PEDESTRIAN REFUGE ISLAND

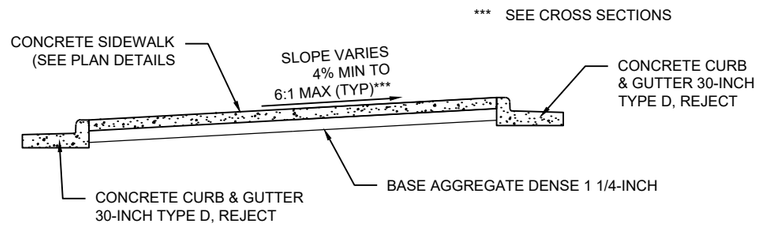




SECTION A-A



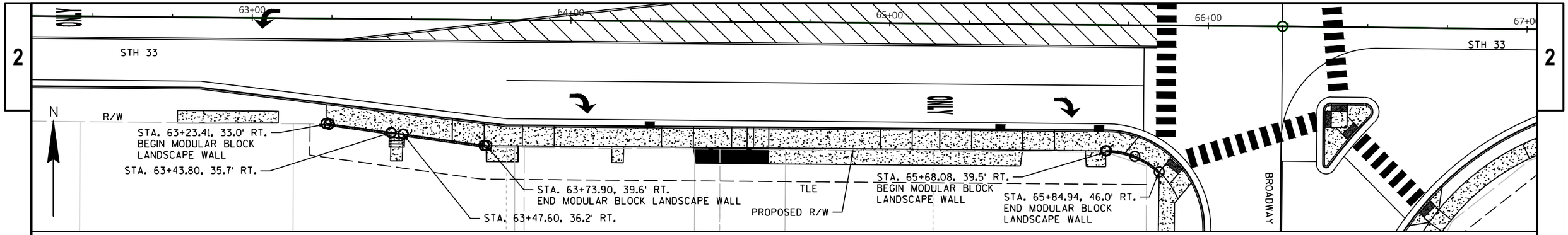
SECTION B-B

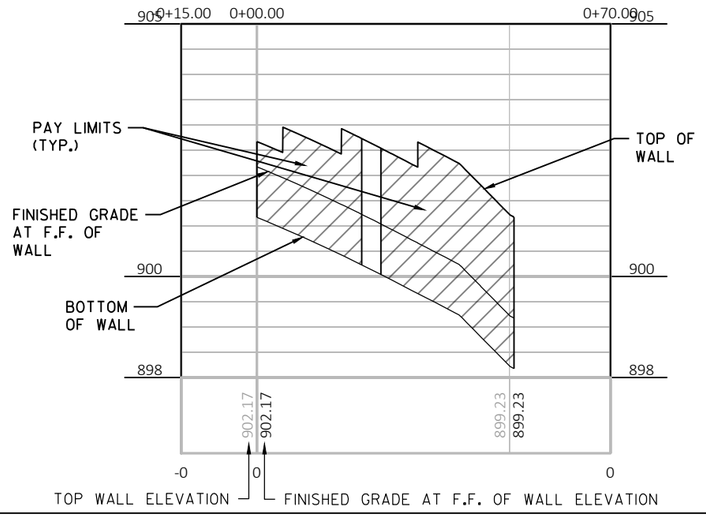


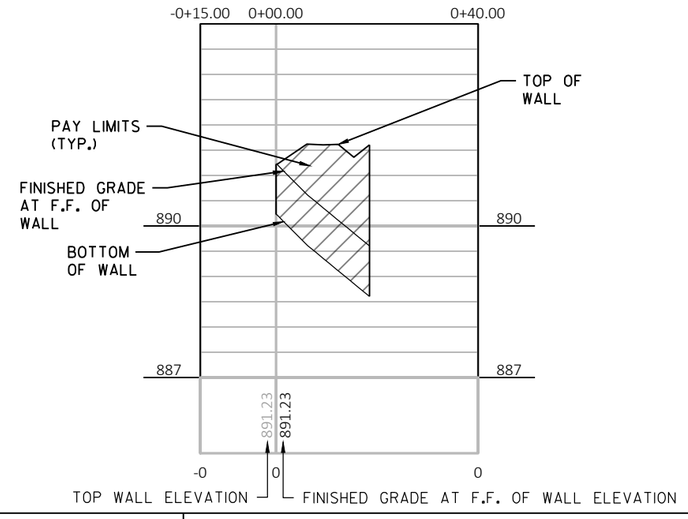
SECTION C-C

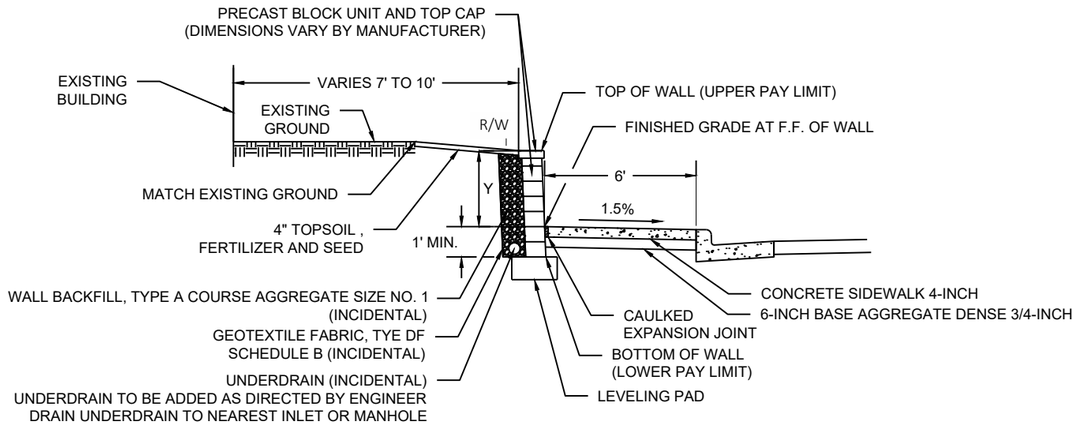
PEDESTRIAN REFUGE ISLAND DETAIL

SEE CURB RAMP DETAILS FOR ADDITIONAL LAYOUT INFORMATION







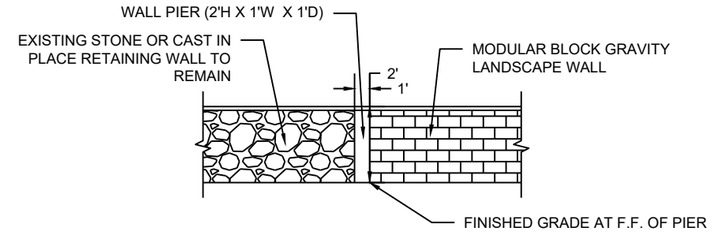


TYPICAL FINISHED SECTION OF MODULAR BLOCK GRAVITY LANDSCAPE WALL

STA. 63+23 TO STA. 65+74, RT.
STA. 65+68 TO STA. 65+85, RT. (STA. 9+54'B' TO STA. 9+60'B', LT.)

WALL MODULAR BLOCK GRAVITY LANDSCAPE

STATION	TO	STATION	OFFSET	HEIGHT (Y)
63+23.41	-	63+28.50	RT	0.5'
63+28.50	-	63+40.00	RT	1.0'
63+40.00	-	63+43.80	RT	1.5'
63+47.60	-	63+55.00	RT	1.5'
63+55.00		63+73.90	RT	2.0'
65+68.08	-	65+68.08	RT	0.0'
65+74.08	-	65+74.08	RT	1.0'
65+80.20	-	65+83.20	RT	1.5'
65+84.94	-	65+84.94	RT	2.0'

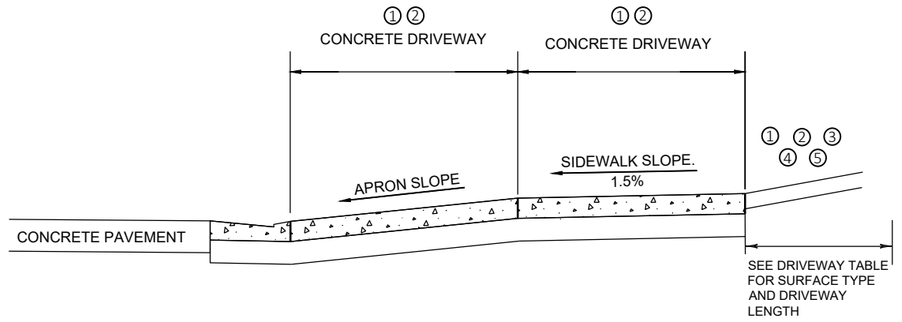


WALL PIER CONNECTION

STA. 63+73.90, RT.
STA. 65+84.94, RT. (STA. 9+54 B, LT.)
WALL PIER TO MATCH TYPICAL FINISHED SECTION OF
MODULAR BLOCK GRAVITY LANDSCAPE WALL

STH 33 - DRIVEWAY TABLE				
STATION	OFFSET	TYPE	WIDTH	SURFACE
5+68	RT	CE	30'	ASPHALT
6+53	LT	CE	35'	CONCRETE
6+93	RT	CE	25'	ASPHALT
7+94	RT	CE	30'	ASPHALT
8+05	LT	CE	26'	ASPHALT
9+31	LT	PE	20'	GRAVEL
10+06	LT	PE	27'	GRAVEL
10+67	RT	PE	20'	CONCRETE
10+85	LT	CE	25'	ASPHALT
11+72	RT	PE	15'	ASPHALT
11+87	RT	PE	15'	GRAVEL
12+23	LT	CE	35'	ASPHALT
13+16	RT	CE	16'	ASPHALT
14+32	LT	CE	30'	ASPHALT
14+71	LT	CE	27'	ASPHALT
15+49	RT	PE	18'	ASPHALT
15+53	LT	CE	27'	ASPHALT
15+92	LT	CE	22'	ASPHALT
16+18	RT	PE	21'	ASPHALT
16+86	RT	PE	21'	ASPHALT
17+17	LT	CE	30'	ASPHALT
18+88	LT	PE	14'	GRAVEL
19+55	LT	CE	20'	ASPHALT
20+27	LT	CE	26'	ASPHALT
20+58	RT	CE	35'	ASPHALT
20+98	RT	CE	20'	ASPHALT
22+21	RT	CE	35'	ASPHALT
22+76	LT	PE	16'	ASPHALT
25+24	LT	CE	24'	ASPHALT
26+40	LT	CE	24'	ASPHALT
27+06	LT	CE	35'	N/A
29+79	LT	CE	63'	N/A
33+32	LT	CE	30.5'	N/A
34+50	LT	PE	18'	N/A
35+69	LT	PE	12'	N/A
36+37	LT	PE	12'	N/A
37+06	LT	PE	12'	N/A
37+29	LT	PE	15'	N/A
43+55	RT	CE	20'	N/A
44+48	RT	PE	12'	N/A
45+02	LT	PE	12'	N/A
45+46	LT	CE	35'	N/A
46+05	RT	CE	35'	N/A
46+30	LT	CE	18'	N/A
46+52	RT	CE	12'	N/A
46+67	LT	CE	35'	N/A
46+99	RT	CE	35'	N/A
47+47	LT	CE	35'	N/A
50+58	LT	PE	18'	N/A
52+47	RT	PE	12'	N/A
53+08	LT	PE	30'	N/A
54+24	LT	PE	12'	N/A
55+01	LT	CE	26'	N/A
56+04	RT	PE	12'	N/A
58+52	LT	PE	12'	N/A
59+71	LT	PE	13'	N/A
63+79	RT	PE	12'	N/A
64+38	LT	PE	12'	N/A
64+45	RT	PE	12'	N/A
64+80	RT	CE	35'	N/A
65+34	RT	CE	16'	N/A
8+31 B	LT	CE	2'	N/A
8+36 B	RT	CE	11'	N/A
66+50	LT	PE	12'	N/A
67+84	LT	PE	16'	N/A
67+92	RT	CE	35'	N/A
72+09	RT	PE	19'	N/A
83+56	LT	PE	12'	N/A
83+96	RT	PE	16'	N/A
86+67	RT	PE	24'	N/A
86+91	LT	PE	12'	N/A
87+57	LT	PE	15'	N/A
87+68	RT	PE	16'	N/A
88+93	RT	PE	12'	N/A

STH 33 - DRIVEWAY TABLE CONTINUED				
STATION	OFFSET	TYPE	WIDTH	SURFACE
91+99	LT	PE	12'	N/A
92+21	RT	PE	12'	N/A
93+91	RT	CE	20'	N/A
94+27	RT	CE	35'	N/A
94+63	LT	PE	12'	N/A
94+83	LT	PE	12'	N/A
94+98	RT	CE	35'	N/A
95+48	LT	PE	12'	N/A
95+53	RT	CE	24'	N/A
96+61	LT	PE	17'	N/A
98+60	RT	PE	21'	N/A
99+49	RT	PE	16'	N/A
99+79	RT	PE	20'	N/A
101+72	RT	PE	17'	N/A
104+77	LT	CE	24'	N/A
105+14	RT	CE	30'	N/A
105+62	RT	CE	30'	N/A
106+33	LT	CE	24'	N/A
106+76	LT	CE	17'	N/A
107+00	RT	CE	27'	N/A
109+49	RT	CE	26'	N/A
110+43	RT	PE	16'	N/A
110+59	LT	CE	35'	N/A
111+68	RT	PE	14'	N/A
111+88	RT	PE	16'	N/A
112+03	LT	CE	30'	N/A
112+48	LT	CE	30'	N/A
112+50	RT	PE	12'	N/A
113+38	LT	CE	35'	N/A
113+52	RT	PE	20'	N/A
114+07	LT	CE	31'	N/A
114+77	LT	CE	30'	N/A
114+92	RT	CE	33'	N/A
115+22	LT	CE	30'	N/A
9+42 W	LT	CE	17'	N/A
10+57 W	RT	CE	24'	N/A
10+58 W	LT	CE	22'	N/A
117+87	RT	CE	16'	N/A
118+11	LT	CE	16'	N/A
118+89	RT	CE	19'	N/A
119+22	LT	CE	20'	N/A
119+83	LT	CE	20'	N/A
120+96	LT	CE	31'	N/A
122+40	LT	CE	33'	N/A
123+57	LT	CE	35'	N/A
125+43	LT	CE	35'	N/A
127+83	LT	CE	24'	N/A
129+48	LT	CE	30'	N/A
130+11	RT	CE	32'	ASPHALT
130+34	LT	CE	35'	N/A
130+86	RT	CE	30'	ASPHALT
131+71	RT	CE	23'	ASPHALT
131+72	LT	CE	35'	N/A
133+51	RT	PE	18'	ASPHALT



① RESIDENTIAL CONCRETE DRIVEWAY
CONCRETE DRIVEWAY 6-INCH OVER
6" BASE AGGREGATE DENSE 1 1/4-INCH

② COMMERCIAL CONCRETE DRIVEWAY
CONCRETE DRIVEWAY 7-INCH OVER
6" BASE AGGREGATE DENSE 1 1/4-INCH

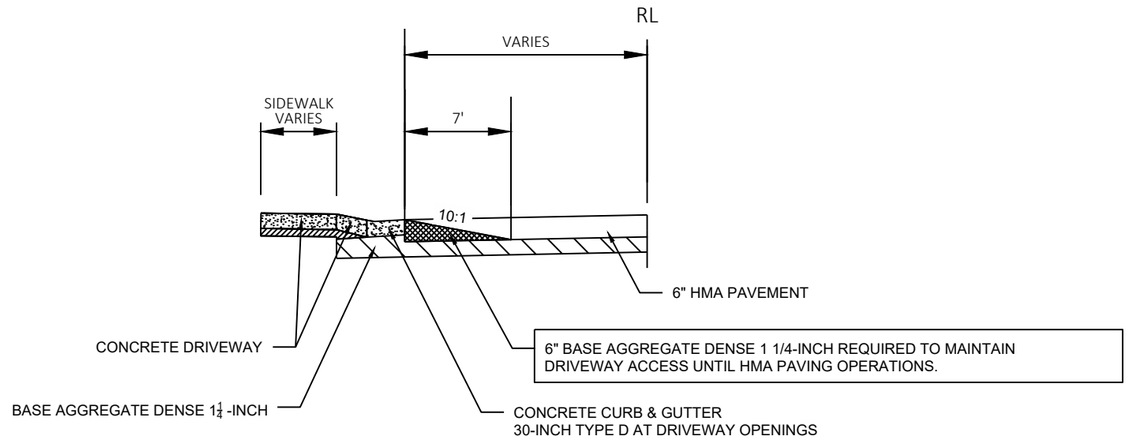
③ COMMERCIAL ASPHALT DRIVEWAY
4" ASPHALTIC SURFACE DRIVEWAY OVER
6" BASE AGGREGATE DENSE 1 1/4-INCH

④ RESIDENTIAL ASPHALT DRIVEWAY
3" ASPHALTIC SURFACE DRIVEWAY OVER
6" BASE AGGREGATE DENSE 1 1/4-INCH

⑤ GRAVEL DRIVEWAY
6" BASE AGGREGATE DENSE 1 1/4-INCH

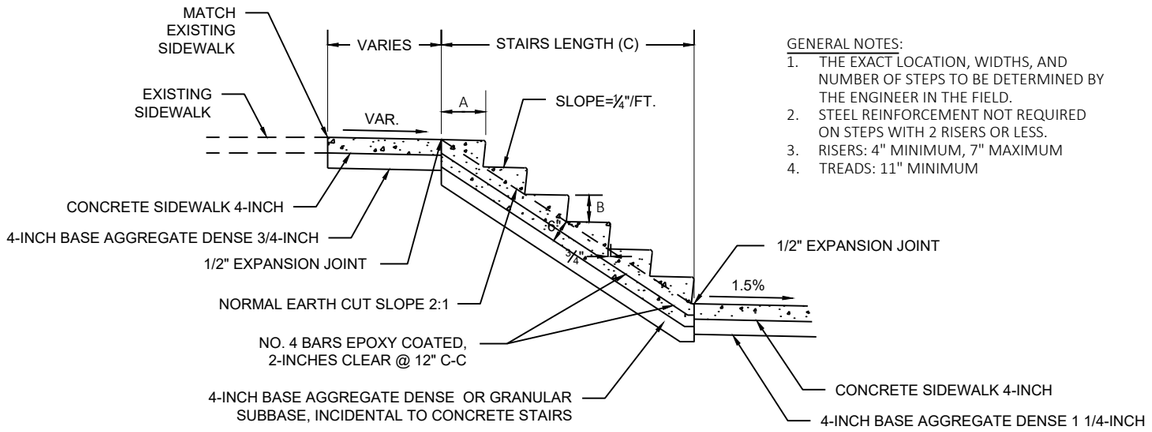
TYPICAL DRIVEWAY SECTION

NOTE: SEE SDD 8D18 & SDD 8D19 FOR MORE INFORMATION.
USE THIS DETAIL FOR DRIVEWAY TYPE PAVEMENT STRUCTURE.

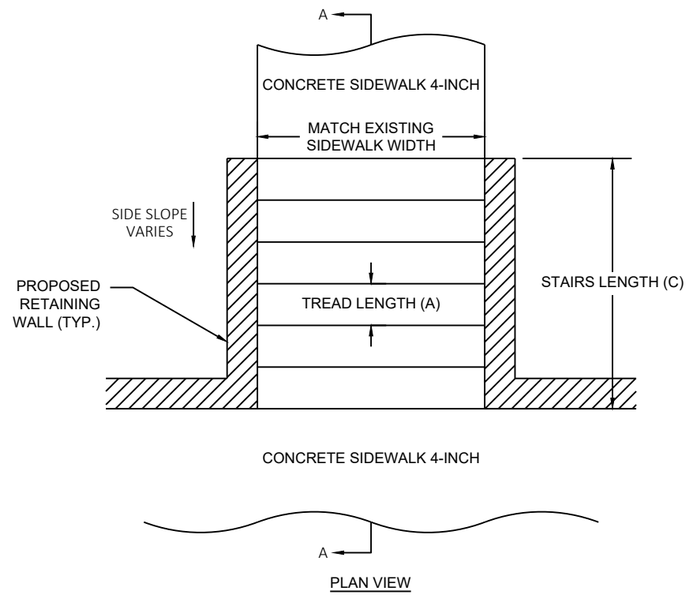


MAINTAIN DRIVEWAY ACCESS

CONCRETE STEPS					
STATION	OFFSET	TREAD LENGTH (A) INCH	RISER HEIGHT (B) INCH	NUMBER OF RISERS	STAIR LENGTH (C) FT
63+46	RT	12	6	3	3



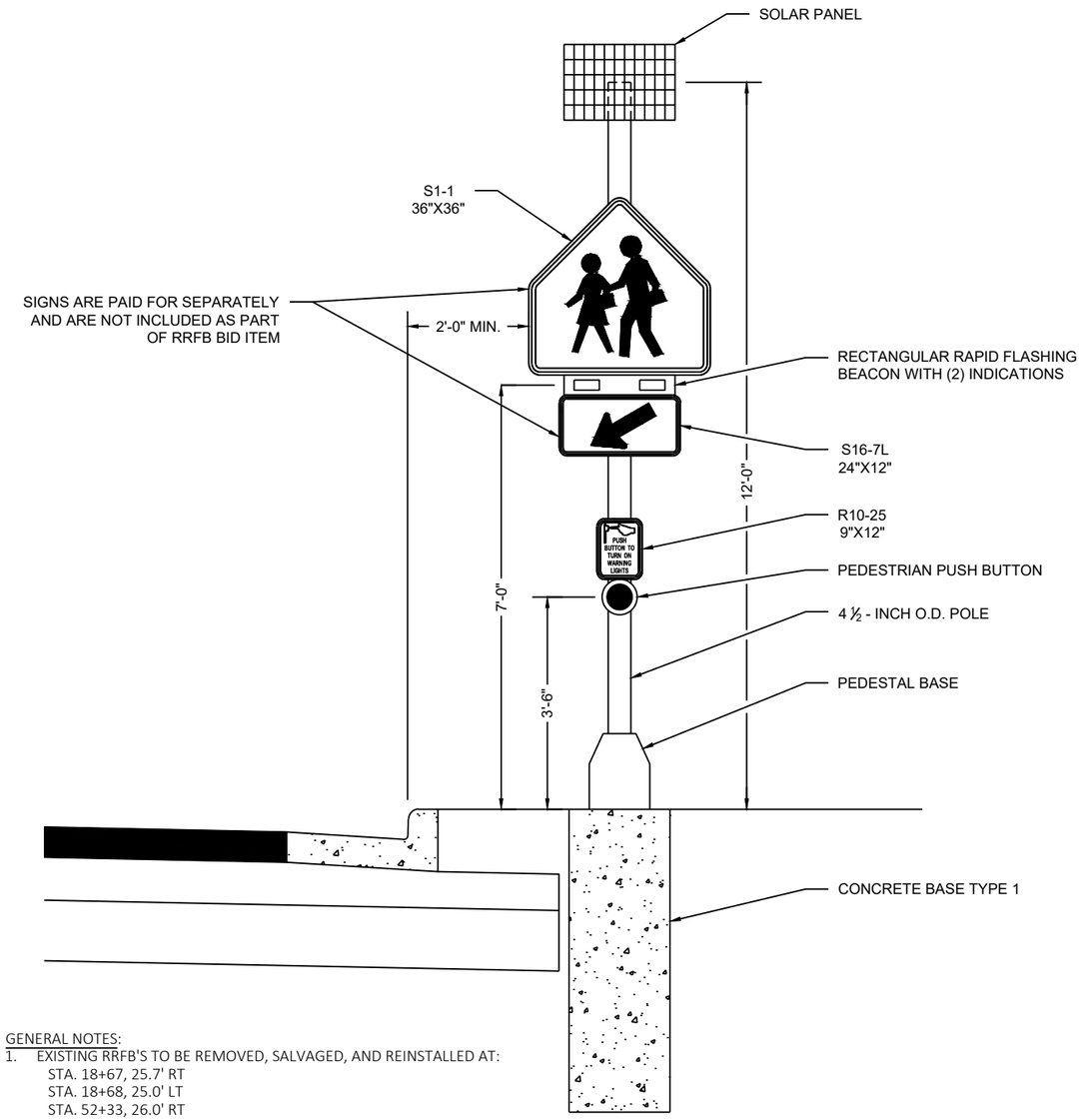
SECTION A-A



PLAN VIEW

GENERAL NOTES:
1. THE EXACT LOCATION, WIDTHS, AND NUMBER OF STEPS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. STEEL REINFORCEMENT NOT REQUIRED ON STEPS WITH 2 RISERS OR LESS.
3. RISERS: 4" MINIMUM, 7" MAXIMUM
4. TREADS: 11" MINIMUM

CONCRETE STEPS DETAIL



GENERAL NOTES:
1. EXISTING RRFB'S TO BE REMOVED, SALVAGED, AND REINSTALLED AT:
   STA. 18+67, 25.7' RT
   STA. 18+68, 25.0' LT
   STA. 52+33, 26.0' RT
   STA. 52+38, 27.7' LT
   STA. 108+50, 24.8' RT
   STA. 108+53, 24.4' LT
   OR AS DIRECTED BY ENGINEER.

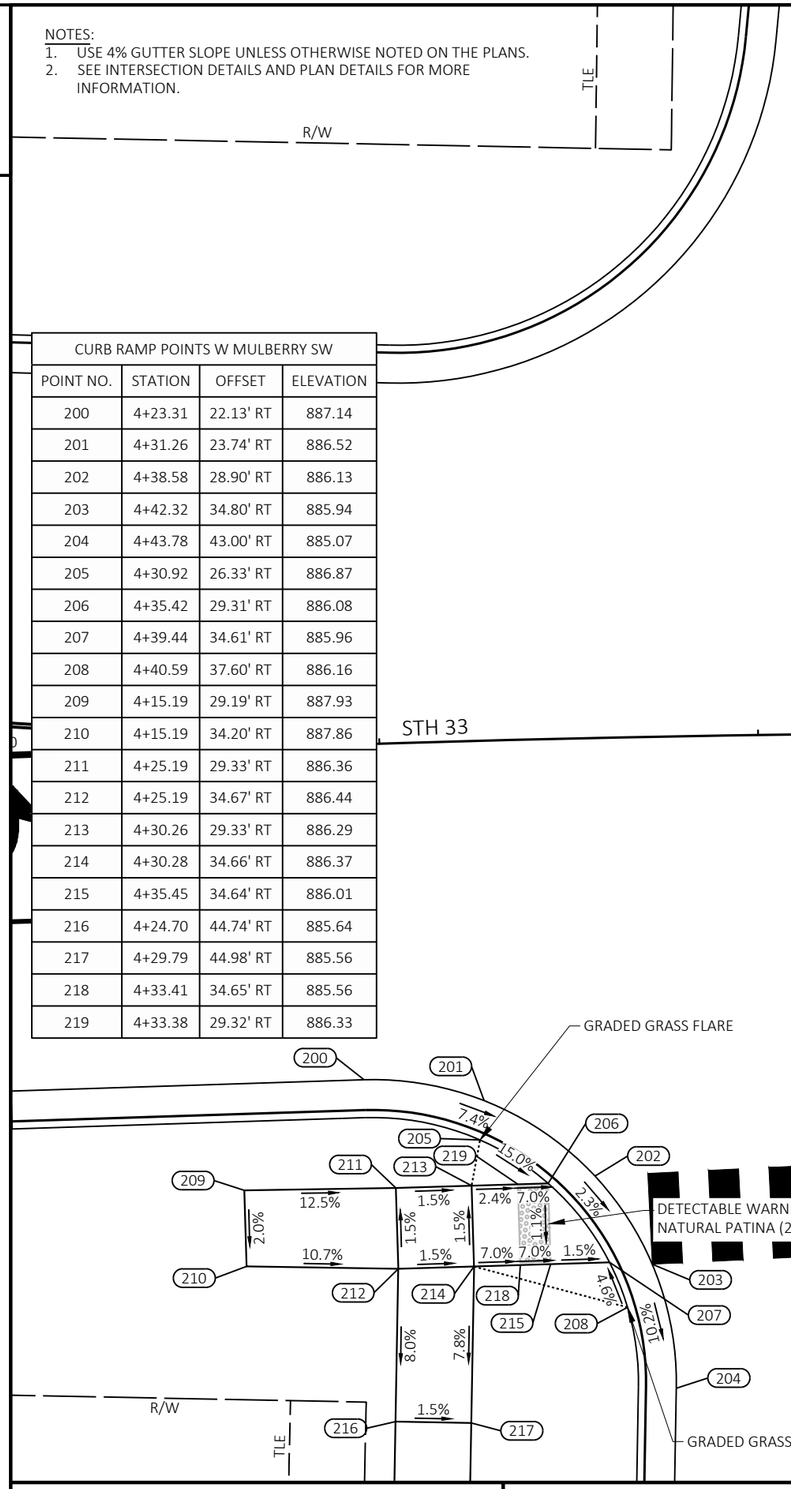
THE ARROW SHALL BE DIRECTED TOWARDS THE CURB.

REMOVE AND REINSTALL EXISTING RECTANGULAR RAPID FLASHING BEACON

(NOT TO SCALE)

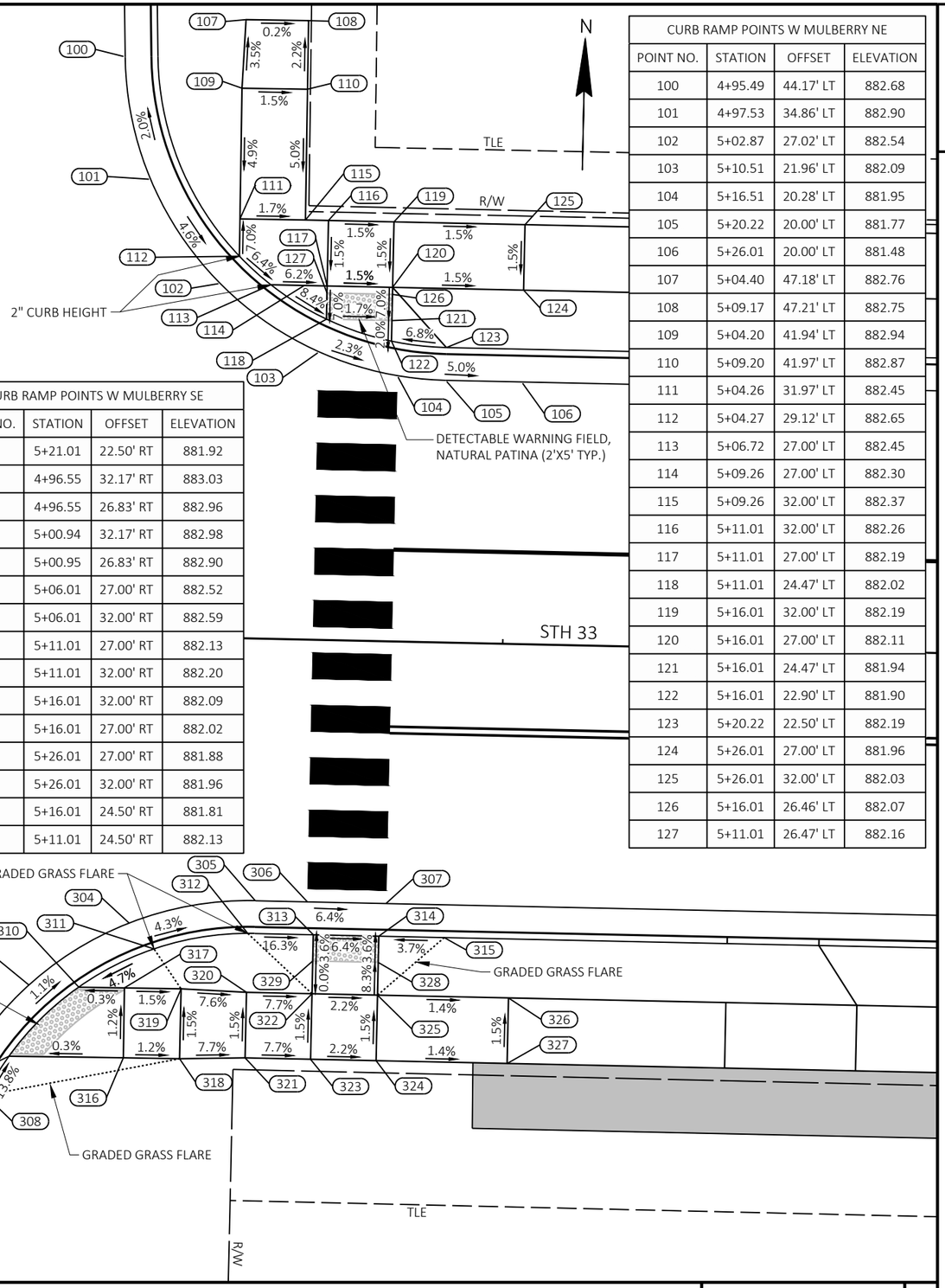
NW AND SW QUADRANTS OF WILLOW STREET INTERSECTION
NE AND SE QUADRANTS OF WOOD STREET INTERSECTION
NE AND SE QUADRANTS OF JEFFERSON STREET INTERSECTION

NOTES:
1. USE 4% GUTTER SLOPE UNLESS OTHERWISE NOTED ON THE PLANS.
2. SEE INTERSECTION DETAILS AND PLAN DETAILS FOR MORE INFORMATION.

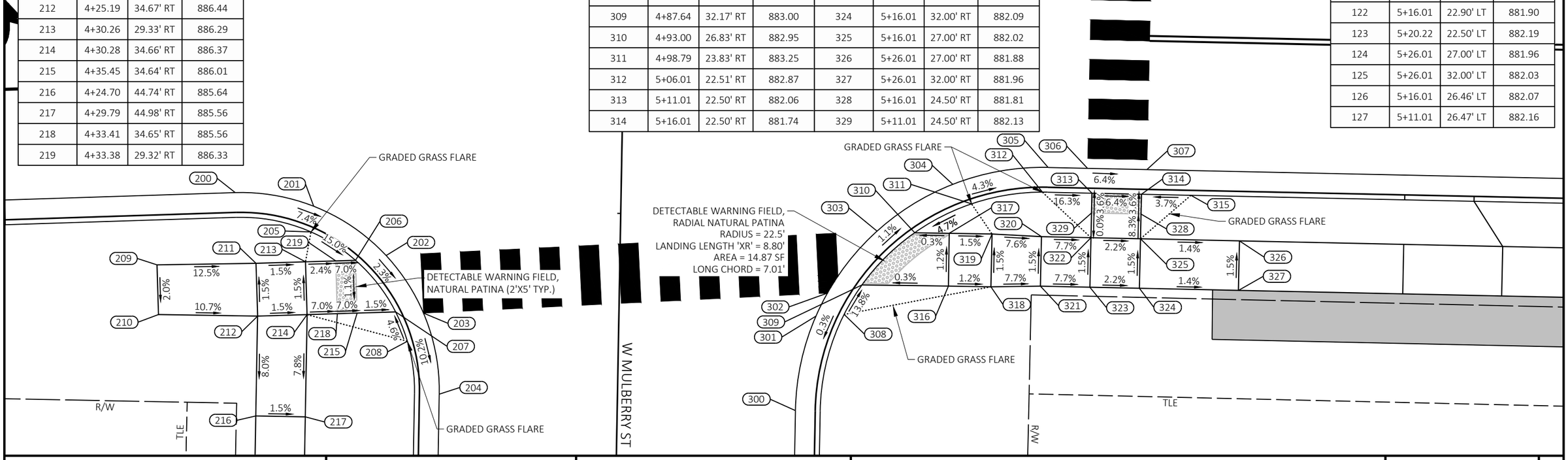


CURB RAMP POINTS W MULBERRY SW			
POINT NO.	STATION	OFFSET	ELEVATION
200	4+23.31	22.13' RT	887.14
201	4+31.26	23.74' RT	886.52
202	4+38.58	28.90' RT	886.13
203	4+42.32	34.80' RT	885.94
204	4+43.78	43.00' RT	885.07
205	4+30.92	26.33' RT	886.87
206	4+35.42	29.31' RT	886.08
207	4+39.44	34.61' RT	885.96
208	4+40.59	37.60' RT	886.16
209	4+15.19	29.19' RT	887.93
210	4+15.19	34.20' RT	887.86
211	4+25.19	29.33' RT	886.36
212	4+25.19	34.67' RT	886.44
213	4+30.26	29.33' RT	886.29
214	4+30.28	34.66' RT	886.37
215	4+35.45	34.64' RT	886.01
216	4+24.70	44.74' RT	885.64
217	4+29.79	44.98' RT	885.56
218	4+33.41	34.65' RT	885.56
219	4+33.38	29.32' RT	886.33

CURB RAMP POINTS W MULBERRY SE				CURB RAMP POINTS W MULBERRY SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
300	4+80.83	44.91' RT	883.01	315	5+21.01	22.50' RT	881.92
301	4+82.91	35.34' RT	883.06	316	4+96.55	32.17' RT	883.03
302	4+84.07	33.02' RT	883.07	317	4+96.55	26.83' RT	882.96
303	4+89.13	26.72' RT	883.07	318	5+00.94	32.17' RT	882.98
304	4+96.84	21.89' RT	882.87	319	5+00.95	26.83' RT	882.90
305	5+06.54	20.00' RT	882.42	320	5+06.01	27.00' RT	882.52
306	5+10.51	20.00' RT	882.17	321	5+06.01	32.00' RT	882.59
307	5+16.51	20.00' RT	881.79	322	5+11.01	27.00' RT	882.13
308	4+85.81	35.17' RT	883.48	323	5+11.01	32.00' RT	882.20
309	4+87.64	32.17' RT	883.00	324	5+16.01	32.00' RT	882.09
310	4+93.00	26.83' RT	882.95	325	5+16.01	27.00' RT	882.02
311	4+98.79	23.83' RT	883.25	326	5+26.01	27.00' RT	881.88
312	5+06.01	22.51' RT	882.87	327	5+26.01	32.00' RT	881.96
313	5+11.01	22.50' RT	882.06	328	5+16.01	24.50' RT	881.81
314	5+16.01	22.50' RT	881.74	329	5+11.01	24.50' RT	882.13

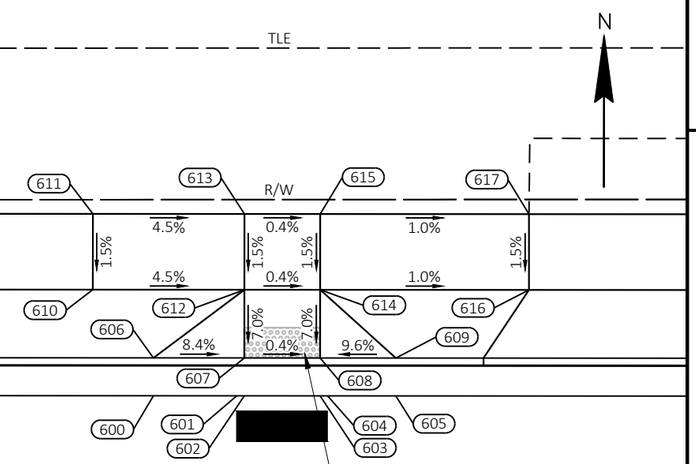


CURB RAMP POINTS W MULBERRY NE			
POINT NO.	STATION	OFFSET	ELEVATION
100	4+95.49	44.17' LT	882.68
101	4+97.53	34.86' LT	882.90
102	5+02.87	27.02' LT	882.54
103	5+10.51	21.96' LT	882.09
104	5+16.51	20.28' LT	881.95
105	5+20.22	20.00' LT	881.77
106	5+26.01	20.00' LT	881.48
107	5+04.40	47.18' LT	882.76
108	5+09.17	47.21' LT	882.75
109	5+04.20	41.94' LT	882.94
110	5+09.20	41.97' LT	882.87
111	5+04.26	31.97' LT	882.45
112	5+04.27	29.12' LT	882.65
113	5+06.72	27.00' LT	882.45
114	5+09.26	27.00' LT	882.30
115	5+09.26	32.00' LT	882.37
116	5+11.01	32.00' LT	882.26
117	5+11.01	27.00' LT	882.19
118	5+11.01	24.47' LT	882.02
119	5+16.01	32.00' LT	882.19
120	5+16.01	27.00' LT	882.11
121	5+16.01	24.47' LT	881.94
122	5+16.01	22.90' LT	881.90
123	5+20.22	22.50' LT	882.19
124	5+26.01	27.00' LT	881.96
125	5+26.01	32.00' LT	882.03
126	5+16.01	26.46' LT	882.07
127	5+11.01	26.47' LT	882.16



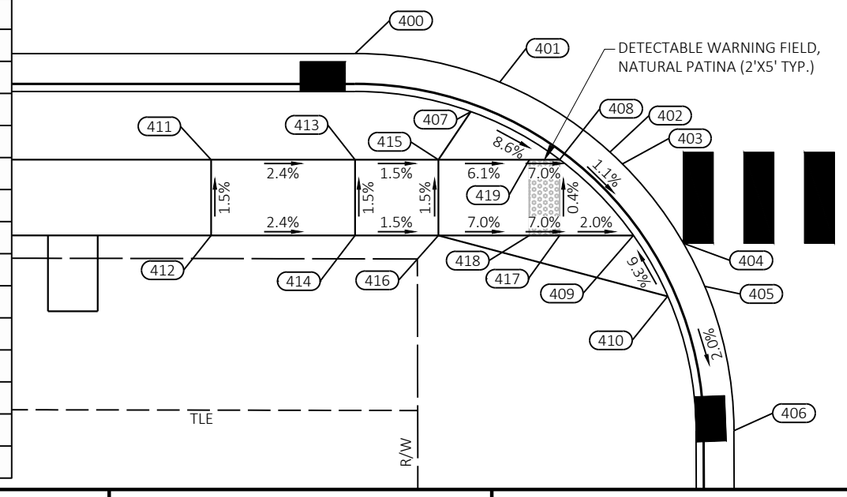
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - W MULBERRY ST	SHEET 23	E

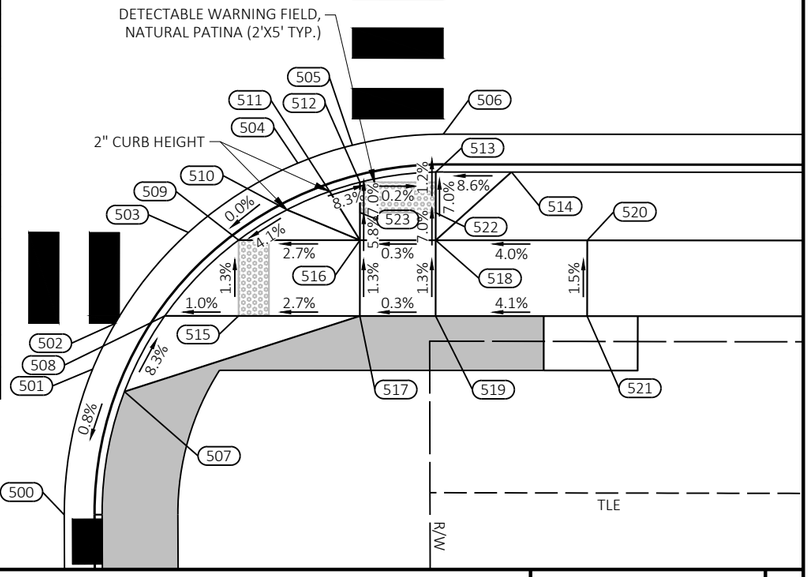
CURB RAMP POINTS W WALNUT NE				CURB RAMP POINTS W WALNUT NE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
600	9+70.65	20.00' LT	869.12	609	9+86.65	22.50' LT	869.48
601	9+76.15	20.00' LT	869.09	610	9+66.65	27.00' LT	869.79
602	9+76.65	20.00' LT	869.08	611	9+66.65	32.00' LT	869.86
603	9+81.65	20.00' LT	869.07	612	9+76.65	27.00' LT	869.33
604	9+82.15	20.00' LT	869.06	613	9+76.65	32.00' LT	869.41
605	9+86.65	20.00' LT	869.05	614	9+81.65	27.00' LT	869.32
606	9+70.65	22.50' LT	869.52	615	9+81.65	32.00' LT	869.39
607	9+76.65	22.50' LT	869.02	616	9+95.43	27.00' LT	869.17
608	9+81.65	22.50' LT	869.00	617	9+95.43	32.00' LT	869.25



CURB RAMP POINTS W WALNUT SE			
POINT NO.	STATION	OFFSET	ELEVATION
500	9+57.15	45.13' RT	868.92
501	9+59.02	35.53' RT	869.02
502	9+60.50	32.50' RT	869.04
503	9+65.34	26.50' RT	869.03
504	9+72.55	21.92' RT	869.01
505	9+76.15	20.73' RT	868.99
506	9+82.15	20.00' RT	868.98
507	9+61.12	37.00' RT	869.43
508	9+63.79	32.00' RT	868.96
509	9+68.65	27.00' RT	868.94
510	9+71.84	25.00' RT	869.10
511	9+74.65	23.79' RT	869.09
512	9+76.65	23.18' RT	868.91
513	9+81.65	22.51' RT	868.90
514	9+86.65	22.50' RT	869.33
515	9+68.65	32.00' RT	869.01
516	9+76.65	27.00' RT	869.16
517	9+76.65	32.00' RT	869.23
518	9+81.65	27.00' RT	869.17
519	9+81.65	32.00' RT	869.24
520	9+91.65	27.00' RT	869.58
521	9+91.65	32.00' RT	869.65
522	9+81.65	25.18' RT	869.05
523	9+76.65	25.18' RT	869.05

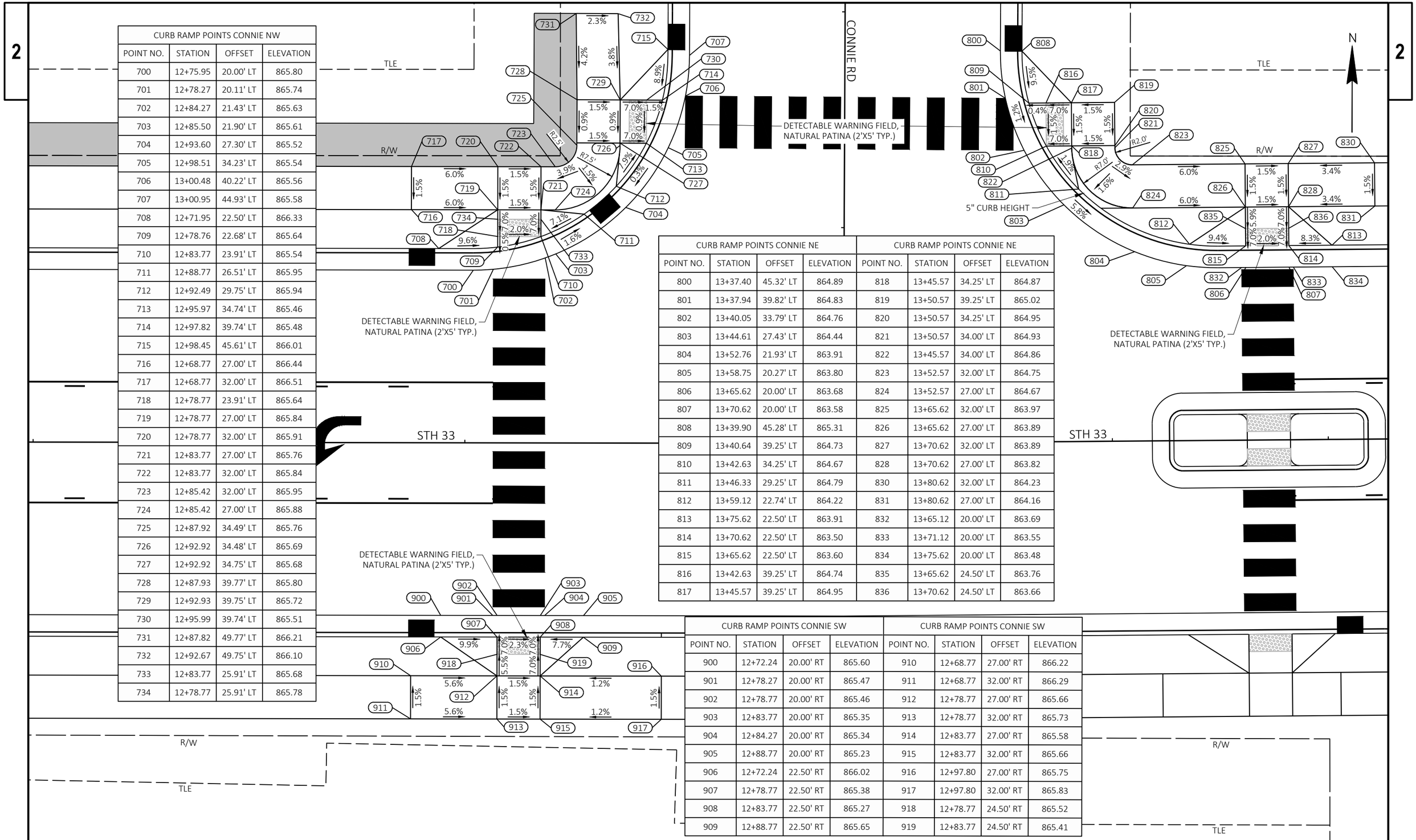
CURB RAMP POINTS W WALNUT SW			
POINT NO.	STATION	OFFSET	ELEVATION
400	8+97.13	20.00' RT	869.67
401	9+06.67	21.89' RT	869.57
402	9+13.95	26.50' RT	869.48
403	9+14.77	27.28' RT	869.47
404	9+18.78	32.50' RT	869.40
405	9+20.19	35.35' RT	869.35
406	9+22.13	44.88' RT	869.14
407	9+04.76	23.83' RT	870.00
408	9+10.63	27.00' RT	869.43
409	9+15.50	32.00' RT	869.35
410	9+17.76	36.01' RT	869.77
411	8+87.63	27.00' RT	870.24
412	8+87.63	32.00' RT	870.31
413	8+97.13	27.00' RT	870.01
414	8+97.13	32.00' RT	870.09
415	9+02.63	27.00' RT	869.93
416	9+02.63	32.00' RT	870.00
417	9+10.63	32.00' RT	869.44
418	9+08.63	32.00' RT	869.58
419	9+08.63	27.00' RT	869.57





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - W WALNUT ST	SHEET 24	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 02
PLOT DATE : 4/28/2023 2:53 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



CURB RAMP POINTS CONNIE NW			
POINT NO.	STATION	OFFSET	ELEVATION
700	12+75.95	20.00' LT	865.80
701	12+78.27	20.11' LT	865.74
702	12+84.27	21.43' LT	865.63
703	12+85.50	21.90' LT	865.61
704	12+93.60	27.30' LT	865.52
705	12+98.51	34.23' LT	865.54
706	13+00.48	40.22' LT	865.56
707	13+00.95	44.93' LT	865.58
708	12+71.95	22.50' LT	866.33
709	12+78.76	22.68' LT	865.64
710	12+83.77	23.91' LT	865.54
711	12+88.77	26.51' LT	865.95
712	12+92.49	29.75' LT	865.94
713	12+95.97	34.74' LT	865.46
714	12+97.82	39.74' LT	865.48
715	12+98.45	45.61' LT	866.01
716	12+68.77	27.00' LT	866.44
717	12+68.77	32.00' LT	866.51
718	12+78.77	23.91' LT	865.64
719	12+78.77	27.00' LT	865.84
720	12+78.77	32.00' LT	865.91
721	12+83.77	27.00' LT	865.76
722	12+83.77	32.00' LT	865.84
723	12+85.42	32.00' LT	865.95
724	12+85.42	27.00' LT	865.88
725	12+87.92	34.49' LT	865.76
726	12+92.92	34.48' LT	865.69
727	12+92.92	34.75' LT	865.68
728	12+87.93	39.77' LT	865.80
729	12+92.93	39.75' LT	865.72
730	12+95.99	39.74' LT	865.51
731	12+87.82	49.77' LT	866.21
732	12+92.67	49.75' LT	866.10
733	12+83.77	25.91' LT	865.68
734	12+78.77	25.91' LT	865.78

CURB RAMP POINTS CONNIE NE				CURB RAMP POINTS CONNIE NE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
800	13+37.40	45.32' LT	864.89	818	13+45.57	34.25' LT	864.87
801	13+37.94	39.82' LT	864.83	819	13+50.57	39.25' LT	865.02
802	13+40.05	33.79' LT	864.76	820	13+50.57	34.25' LT	864.95
803	13+44.61	27.43' LT	864.44	821	13+50.57	34.00' LT	864.93
804	13+52.76	21.93' LT	863.91	822	13+45.57	34.00' LT	864.86
805	13+58.75	20.27' LT	863.80	823	13+52.57	32.00' LT	864.75
806	13+65.62	20.00' LT	863.68	824	13+52.57	27.00' LT	864.67
807	13+70.62	20.00' LT	863.58	825	13+65.62	32.00' LT	863.97
808	13+39.90	45.28' LT	865.31	826	13+65.62	27.00' LT	863.89
809	13+40.64	39.25' LT	864.73	827	13+70.62	32.00' LT	863.89
810	13+42.63	34.25' LT	864.67	828	13+70.62	27.00' LT	863.82
811	13+46.33	29.25' LT	864.79	830	13+80.62	32.00' LT	864.23
812	13+59.12	22.74' LT	864.22	831	13+80.62	27.00' LT	864.16
813	13+75.62	22.50' LT	863.91	832	13+65.12	20.00' LT	863.69
814	13+70.62	22.50' LT	863.50	833	13+71.12	20.00' LT	863.55
815	13+65.62	22.50' LT	863.60	834	13+75.62	20.00' LT	863.48
816	13+42.63	39.25' LT	864.74	835	13+65.62	24.50' LT	863.76
817	13+45.57	39.25' LT	864.95	836	13+70.62	24.50' LT	863.66

CURB RAMP POINTS CONNIE SW				CURB RAMP POINTS CONNIE SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
900	12+72.24	20.00' RT	865.60	910	12+68.77	27.00' RT	866.22
901	12+78.27	20.00' RT	865.47	911	12+68.77	32.00' RT	866.29
902	12+78.77	20.00' RT	865.46	912	12+78.77	27.00' RT	865.66
903	12+83.77	20.00' RT	865.35	913	12+78.77	32.00' RT	865.73
904	12+84.27	20.00' RT	865.34	914	12+83.77	27.00' RT	865.58
905	12+88.77	20.00' RT	865.23	915	12+83.77	32.00' RT	865.66
906	12+72.24	22.50' RT	866.02	916	12+97.80	27.00' RT	865.75
907	12+78.77	22.50' RT	865.38	917	12+97.80	32.00' RT	865.83
908	12+83.77	22.50' RT	865.27	918	12+78.77	24.50' RT	865.52
909	12+88.77	22.50' RT	865.65	919	12+83.77	24.50' RT	865.41

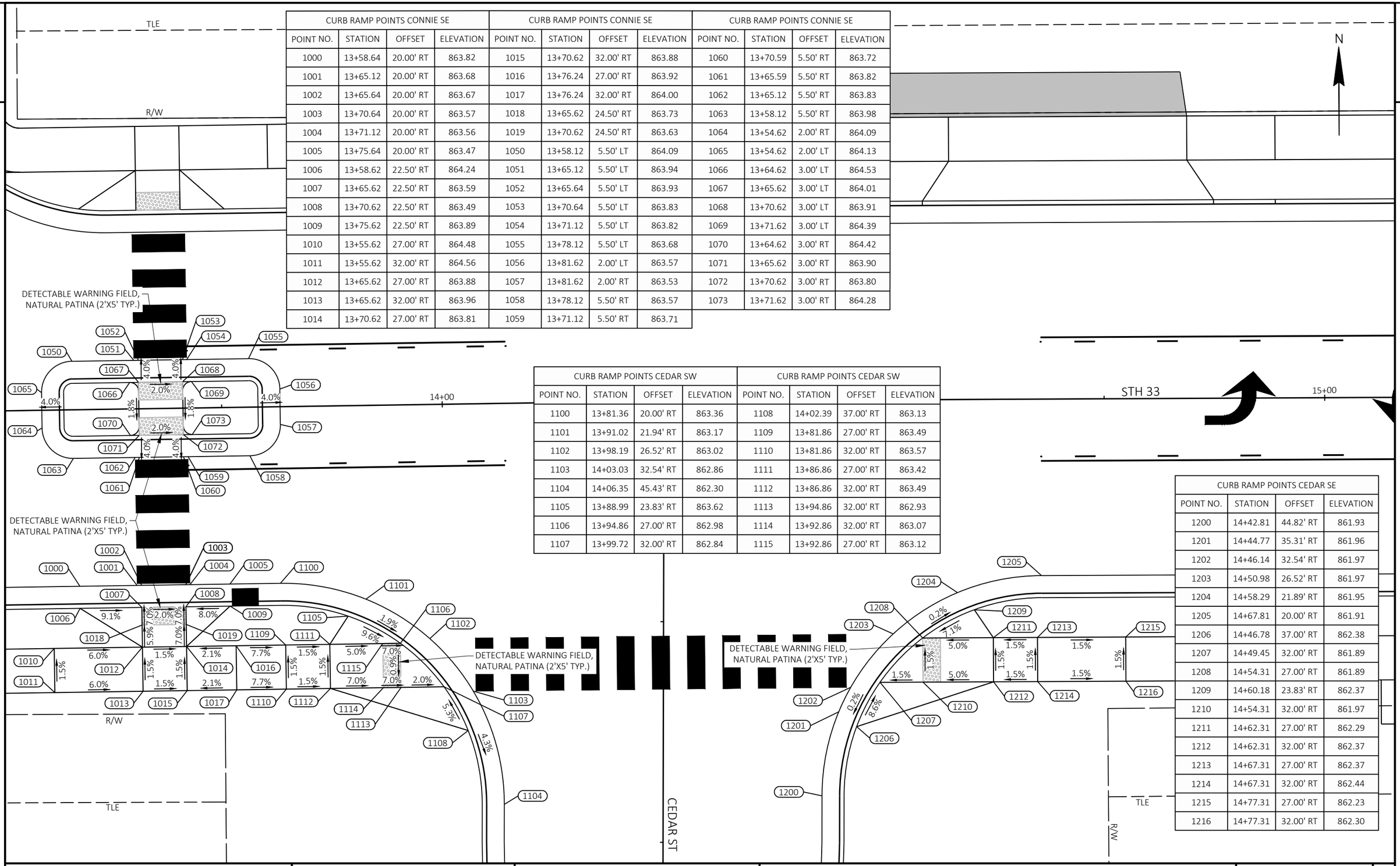
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - CONNIE RD	SHEET 25	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 03
PLOT DATE : 4/28/2023 2:53 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

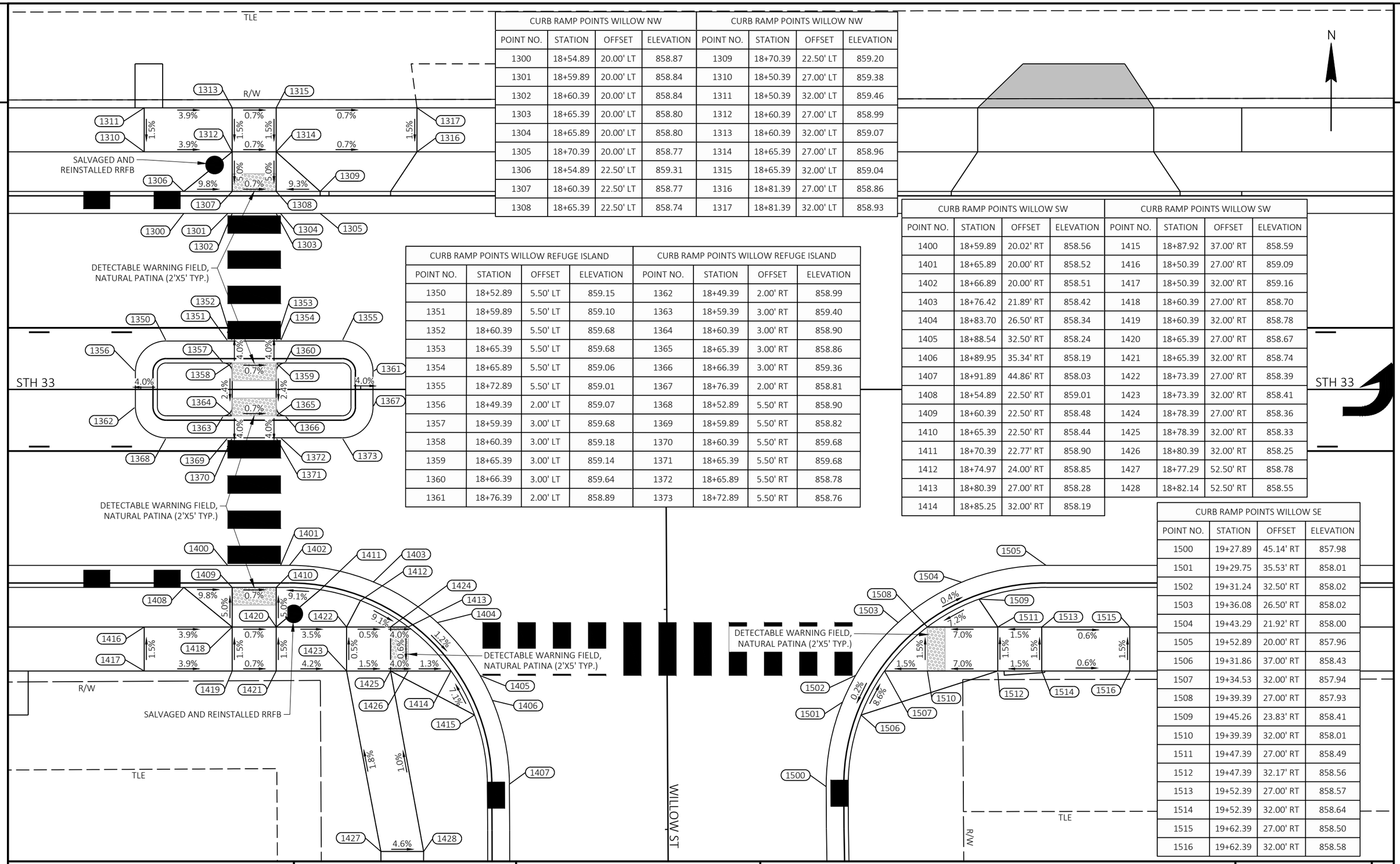
CURB RAMP POINTS CONNIE SE				CURB RAMP POINTS CONNIE SE				CURB RAMP POINTS CONNIE SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
1000	13+58.64	20.00' RT	863.82	1015	13+70.62	32.00' RT	863.88	1060	13+70.59	5.50' RT	863.72
1001	13+65.12	20.00' RT	863.68	1016	13+76.24	27.00' RT	863.92	1061	13+65.59	5.50' RT	863.82
1002	13+65.64	20.00' RT	863.67	1017	13+76.24	32.00' RT	864.00	1062	13+65.12	5.50' RT	863.83
1003	13+70.64	20.00' RT	863.57	1018	13+65.62	24.50' RT	863.73	1063	13+58.12	5.50' RT	863.98
1004	13+71.12	20.00' RT	863.56	1019	13+70.62	24.50' RT	863.63	1064	13+54.62	2.00' RT	864.09
1005	13+75.64	20.00' RT	863.47	1050	13+58.12	5.50' LT	864.09	1065	13+54.62	2.00' LT	864.13
1006	13+58.62	22.50' RT	864.24	1051	13+65.12	5.50' LT	863.94	1066	13+64.62	3.00' LT	864.53
1007	13+65.62	22.50' RT	863.59	1052	13+65.64	5.50' LT	863.93	1067	13+65.62	3.00' LT	864.01
1008	13+70.62	22.50' RT	863.49	1053	13+70.64	5.50' LT	863.83	1068	13+70.62	3.00' LT	863.91
1009	13+75.62	22.50' RT	863.89	1054	13+71.12	5.50' LT	863.82	1069	13+71.62	3.00' LT	864.39
1010	13+55.62	27.00' RT	864.48	1055	13+78.12	5.50' LT	863.68	1070	13+64.62	3.00' RT	864.42
1011	13+55.62	32.00' RT	864.56	1056	13+81.62	2.00' LT	863.57	1071	13+65.62	3.00' RT	863.90
1012	13+65.62	27.00' RT	863.88	1057	13+81.62	2.00' RT	863.53	1072	13+70.62	3.00' RT	863.80
1013	13+65.62	32.00' RT	863.96	1058	13+78.12	5.50' RT	863.57	1073	13+71.62	3.00' RT	864.28
1014	13+70.62	27.00' RT	863.81	1059	13+71.12	5.50' RT	863.71				

CURB RAMP POINTS CEDAR SW				CURB RAMP POINTS CEDAR SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
1100	13+81.36	20.00' RT	863.36	1108	14+02.39	37.00' RT	863.13
1101	13+91.02	21.94' RT	863.17	1109	13+81.86	27.00' RT	863.49
1102	13+98.19	26.52' RT	863.02	1110	13+81.86	32.00' RT	863.57
1103	14+03.03	32.54' RT	862.86	1111	13+86.86	27.00' RT	863.42
1104	14+06.35	45.43' RT	862.30	1112	13+86.86	32.00' RT	863.49
1105	13+88.99	23.83' RT	863.62	1113	13+94.86	32.00' RT	862.93
1106	13+94.86	27.00' RT	862.98	1114	13+92.86	32.00' RT	863.07
1107	13+99.72	32.00' RT	862.84	1115	13+92.86	27.00' RT	863.12

CURB RAMP POINTS CEDAR SE			
POINT NO.	STATION	OFFSET	ELEVATION
1200	14+42.81	44.82' RT	861.93
1201	14+44.77	35.31' RT	861.96
1202	14+46.14	32.54' RT	861.97
1203	14+50.98	26.52' RT	861.97
1204	14+58.29	21.89' RT	861.95
1205	14+67.81	20.00' RT	861.91
1206	14+46.78	37.00' RT	862.38
1207	14+49.45	32.00' RT	861.89
1208	14+54.31	27.00' RT	861.89
1209	14+60.18	23.83' RT	862.37
1210	14+54.31	32.00' RT	861.97
1211	14+62.31	27.00' RT	862.29
1212	14+62.31	32.00' RT	862.37
1213	14+67.31	27.00' RT	862.37
1214	14+67.31	32.00' RT	862.44
1215	14+77.31	27.00' RT	862.23
1216	14+77.31	32.00' RT	862.30



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - CEDAR ST	SHEET 26	E



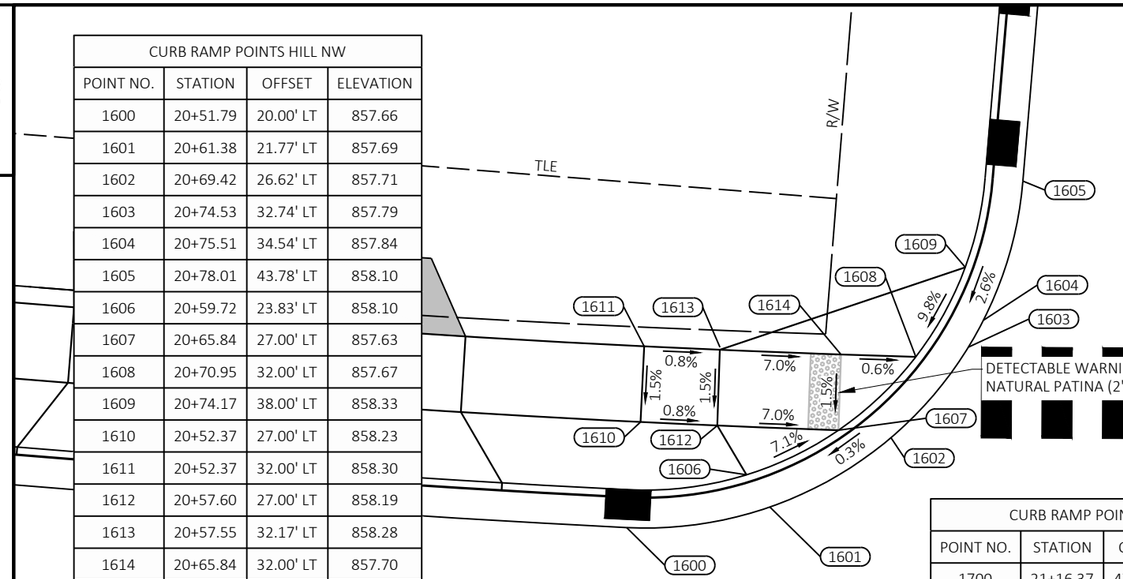
CURB RAMP POINTS WILLOW NW				CURB RAMP POINTS WILLOW NW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
1300	18+54.89	20.00' LT	858.87	1309	18+70.39	22.50' LT	859.20
1301	18+59.89	20.00' LT	858.84	1310	18+50.39	27.00' LT	859.38
1302	18+60.39	20.00' LT	858.84	1311	18+50.39	32.00' LT	859.46
1303	18+65.39	20.00' LT	858.80	1312	18+60.39	27.00' LT	858.99
1304	18+65.89	20.00' LT	858.80	1313	18+60.39	32.00' LT	859.07
1305	18+70.39	20.00' LT	858.77	1314	18+65.39	27.00' LT	858.96
1306	18+54.89	22.50' LT	859.31	1315	18+65.39	32.00' LT	859.04
1307	18+60.39	22.50' LT	858.77	1316	18+81.39	27.00' LT	858.86
1308	18+65.39	22.50' LT	858.74	1317	18+81.39	32.00' LT	858.93

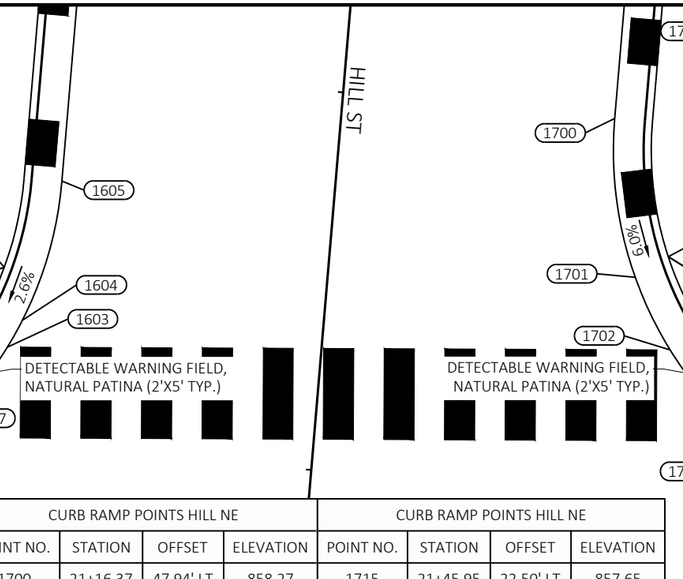
CURB RAMP POINTS WILLOW REFUGE ISLAND				CURB RAMP POINTS WILLOW REFUGE ISLAND			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
1350	18+52.89	5.50' LT	859.15	1362	18+49.39	2.00' RT	858.99
1351	18+59.89	5.50' LT	859.10	1363	18+59.39	3.00' RT	859.40
1352	18+60.39	5.50' LT	859.68	1364	18+60.39	3.00' RT	858.90
1353	18+65.39	5.50' LT	859.68	1365	18+65.39	3.00' RT	858.86
1354	18+65.89	5.50' LT	859.06	1366	18+66.39	3.00' RT	859.36
1355	18+72.89	5.50' LT	859.01	1367	18+76.39	2.00' RT	858.81
1356	18+49.39	2.00' LT	859.07	1368	18+52.89	5.50' RT	858.90
1357	18+59.39	3.00' LT	859.68	1369	18+59.89	5.50' RT	858.82
1358	18+60.39	3.00' LT	859.18	1370	18+60.39	5.50' RT	859.68
1359	18+65.39	3.00' LT	859.14	1371	18+65.39	5.50' RT	859.68
1360	18+66.39	3.00' LT	859.64	1372	18+65.89	5.50' RT	858.78
1361	18+76.39	2.00' LT	858.89	1373	18+72.89	5.50' RT	858.76

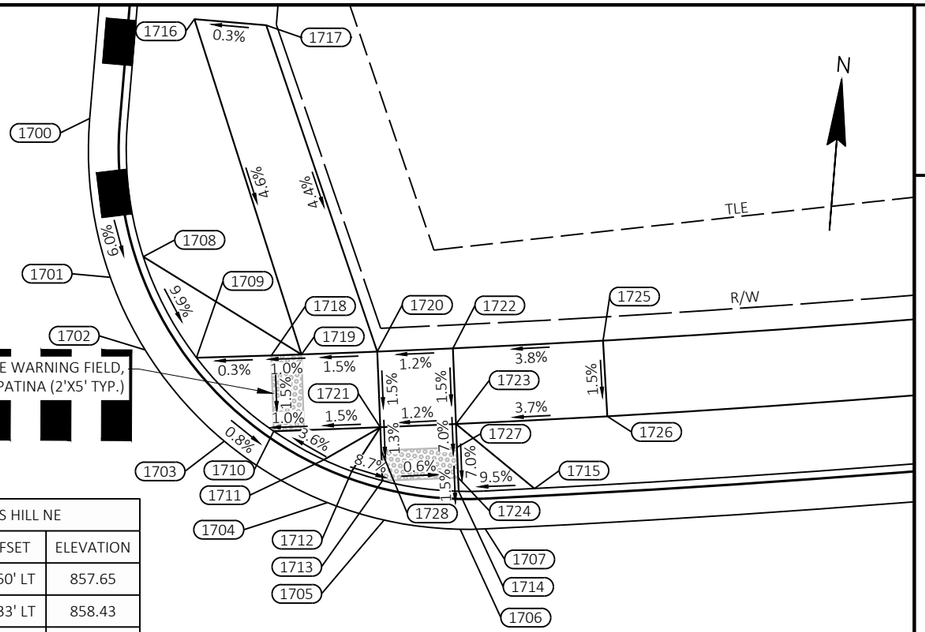
CURB RAMP POINTS WILLOW SW				CURB RAMP POINTS WILLOW SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
1400	18+59.89	20.02' RT	858.56	1415	18+87.92	37.00' RT	858.59
1401	18+65.89	20.00' RT	858.52	1416	18+50.39	27.00' RT	859.09
1402	18+66.89	20.00' RT	858.51	1417	18+50.39	32.00' RT	859.16
1403	18+76.42	21.89' RT	858.42	1418	18+60.39	27.00' RT	858.70
1404	18+83.70	26.50' RT	858.34	1419	18+60.39	32.00' RT	858.78
1405	18+88.54	32.50' RT	858.24	1420	18+65.39	27.00' RT	858.67
1406	18+89.95	35.34' RT	858.19	1421	18+65.39	32.00' RT	858.74
1407	18+91.89	44.86' RT	858.03	1422	18+73.39	27.00' RT	858.39
1408	18+54.89	22.50' RT	859.01	1423	18+73.39	32.00' RT	858.41
1409	18+60.39	22.50' RT	858.48	1424	18+78.39	27.00' RT	858.36
1410	18+65.39	22.50' RT	858.44	1425	18+78.39	32.00' RT	858.33
1411	18+70.39	22.77' RT	858.90	1426	18+80.39	32.00' RT	858.25
1412	18+74.97	24.00' RT	858.85	1427	18+77.29	52.50' RT	858.78
1413	18+80.39	27.00' RT	858.28	1428	18+82.14	52.50' RT	858.55
1414	18+85.25	32.00' RT	858.19				

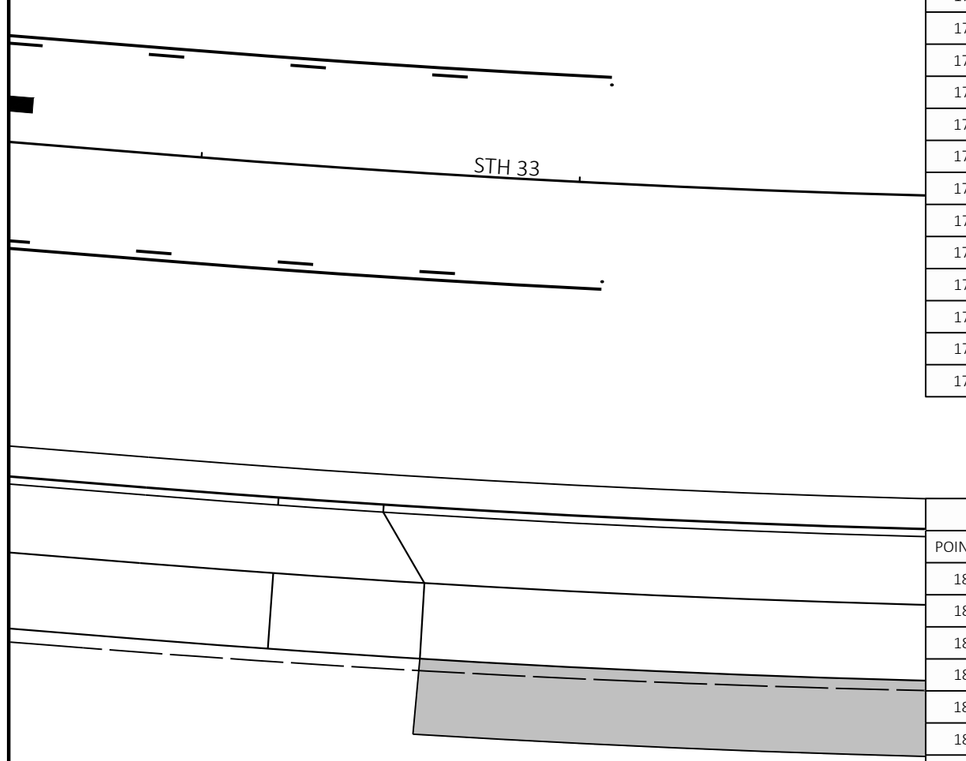
CURB RAMP POINTS WILLOW SE			
POINT NO.	STATION	OFFSET	ELEVATION
1500	19+27.89	45.14' RT	857.98
1501	19+29.75	35.53' RT	858.01
1502	19+31.24	32.50' RT	858.02
1503	19+36.08	26.50' RT	858.02
1504	19+43.29	21.92' RT	858.00
1505	19+52.89	20.00' RT	857.96
1506	19+31.86	37.00' RT	858.43
1507	19+34.53	32.00' RT	857.94
1508	19+39.39	27.00' RT	857.93
1509	19+45.26	23.83' RT	858.41
1510	19+39.39	32.00' RT	858.01
1511	19+47.39	27.00' RT	858.49
1512	19+47.39	32.17' RT	858.56
1513	19+52.39	27.00' RT	858.57
1514	19+52.39	32.00' RT	858.64
1515	19+62.39	27.00' RT	858.50
1516	19+62.39	32.00' RT	858.58

CURB RAMP POINTS HILL NW			
POINT NO.	STATION	OFFSET	ELEVATION
1600	20+51.79	20.00' LT	857.66
1601	20+61.38	21.77' LT	857.69
1602	20+69.42	26.62' LT	857.71
1603	20+74.53	32.74' LT	857.79
1604	20+75.51	34.54' LT	857.84
1605	20+78.01	43.78' LT	858.10
1606	20+59.72	23.83' LT	858.10
1607	20+65.84	27.00' LT	857.63
1608	20+70.95	32.00' LT	857.67
1609	20+74.17	38.00' LT	858.33
1610	20+52.37	27.00' LT	858.23
1611	20+52.37	32.00' LT	858.30
1612	20+57.60	27.00' LT	858.19
1613	20+57.55	32.17' LT	858.28
1614	20+65.84	32.00' LT	857.70







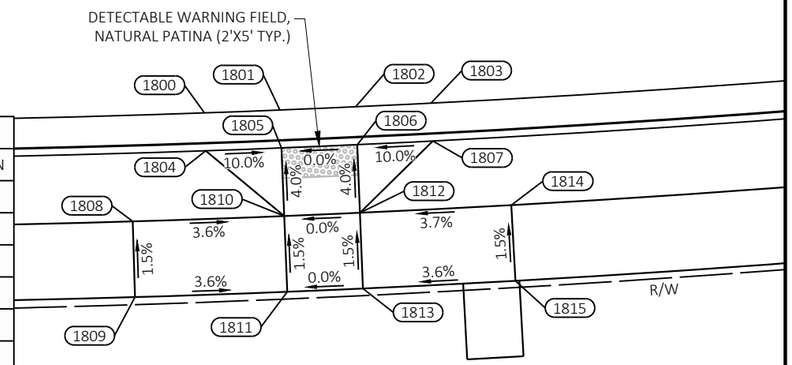


CURB RAMP POINTS HILL NE			
POINT NO.	STATION	OFFSET	ELEVATION
1700	21+16.37	47.94' LT	858.27
1701	21+17.56	37.44' LT	857.64
1702	21+19.84	32.60' LT	857.45
1703	21+25.07	26.44' LT	857.38
1704	21+31.92	22.17' LT	857.32
1705	21+35.70	20.87' LT	857.29
1706	21+40.81	20.05' LT	857.25
1707	21+42.49	20.00' LT	857.24
1708	21+19.86	38.75' LT	858.09
1709	21+23.34	32.00' LT	857.34
1710	21+28.45	27.00' LT	857.28
1711	21+31.78	25.00' LT	857.41
1712	21+33.65	24.17' LT	857.40
1713	21+35.70	23.47' LT	857.21
1714	21+40.82	22.56' LT	857.17

CURB RAMP POINTS HILL NE			
POINT NO.	STATION	OFFSET	ELEVATION
1715	21+45.95	22.50' LT	857.65
1716	21+23.84	54.33' LT	858.43
1717	21+28.85	53.79' LT	858.45
1718	21+28.45	32.00' LT	857.35
1719	21+30.52	32.00' LT	857.37
1720	21+35.70	32.00' LT	857.45
1721	21+35.70	27.00' LT	857.37
1722	21+40.88	32.00' LT	857.51
1723	21+40.85	27.00' LT	857.43
1724	21+40.83	23.46' LT	857.18
1725	21+51.15	32.00' LT	857.88
1726	21+51.15	27.00' LT	857.80
1727	21+40.84	25.46' LT	857.32
1728	21+35.70	25.47' LT	857.35

CURB RAMP POINTS HILL SE			
POINT NO.	STATION	OFFSET	ELEVATION
1800	21+30.82	20.00' RT	857.12
1801	21+35.70	20.00' RT	857.12
1802	21+40.60	20.00' RT	857.12
1803	21+45.47	20.00' RT	857.12
1804	21+30.82	22.50' RT	857.54
1805	21+35.70	22.50' RT	857.04
1806	21+40.58	22.51' RT	857.04
1807	21+45.47	22.50' RT	857.54

CURB RAMP POINTS HILL SE			
POINT NO.	STATION	OFFSET	ELEVATION
1808	21+25.98	27.00' RT	857.58
1809	21+25.98	32.00' RT	857.66
1810	21+35.70	27.00' RT	857.22
1811	21+35.70	32.00' RT	857.29
1812	21+40.56	27.00' RT	857.22
1813	21+40.53	32.00' RT	857.29
1814	21+50.28	27.00' RT	857.59
1815	21+50.28	32.00' RT	857.66



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - HILL ST	SHEET 28	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 06
PLOT DATE : 4/28/2023 2:53 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

CURB RAMP POINTS DRAPER NE			
POINT NO.	STATION	OFFSET	ELEVATION
2000	39+00.14	39.39' LT	898.53
2001	39+01.02	35.06' LT	898.56
2002	39+04.31	29.04' LT	898.61
2003	39+06.43	26.81' LT	898.63
2004	39+08.22	25.40' LT	898.65
2005	39+17.22	22.09' LT	898.70
2006	39+23.21	22.00' LT	898.80
2007	39+01.64	39.52' LT	898.99
2008	39+02.82	34.52' LT	898.53
2009	39+05.85	29.54' LT	898.57
2010	39+07.43	27.93' LT	898.76
2011	39+08.72	26.89' LT	898.60
2012	39+16.74	23.66' LT	898.66
2013	39+23.21	23.50' LT	899.27
2014	39+05.83	34.54' LT	898.59
2015	39+08.69	34.55' LT	898.79
2016	39+08.62	44.55' LT	899.22
2017	39+13.15	44.57' LT	899.84
2018	39+16.69	34.58' LT	898.91
2019	39+08.71	29.55' LT	898.76
2020	39+16.71	29.58' LT	898.88
2021	39+16.72	26.92' LT	898.69
2022	39+26.71	30.95' LT	900.00
2023	39+26.71	34.56' LT	900.20
2024	39+07.83	34.54' LT	898.73
2025	39+07.85	29.54' LT	898.71
2026	39+08.71	28.89' LT	898.74
2027	39+16.71	28.92' LT	898.83

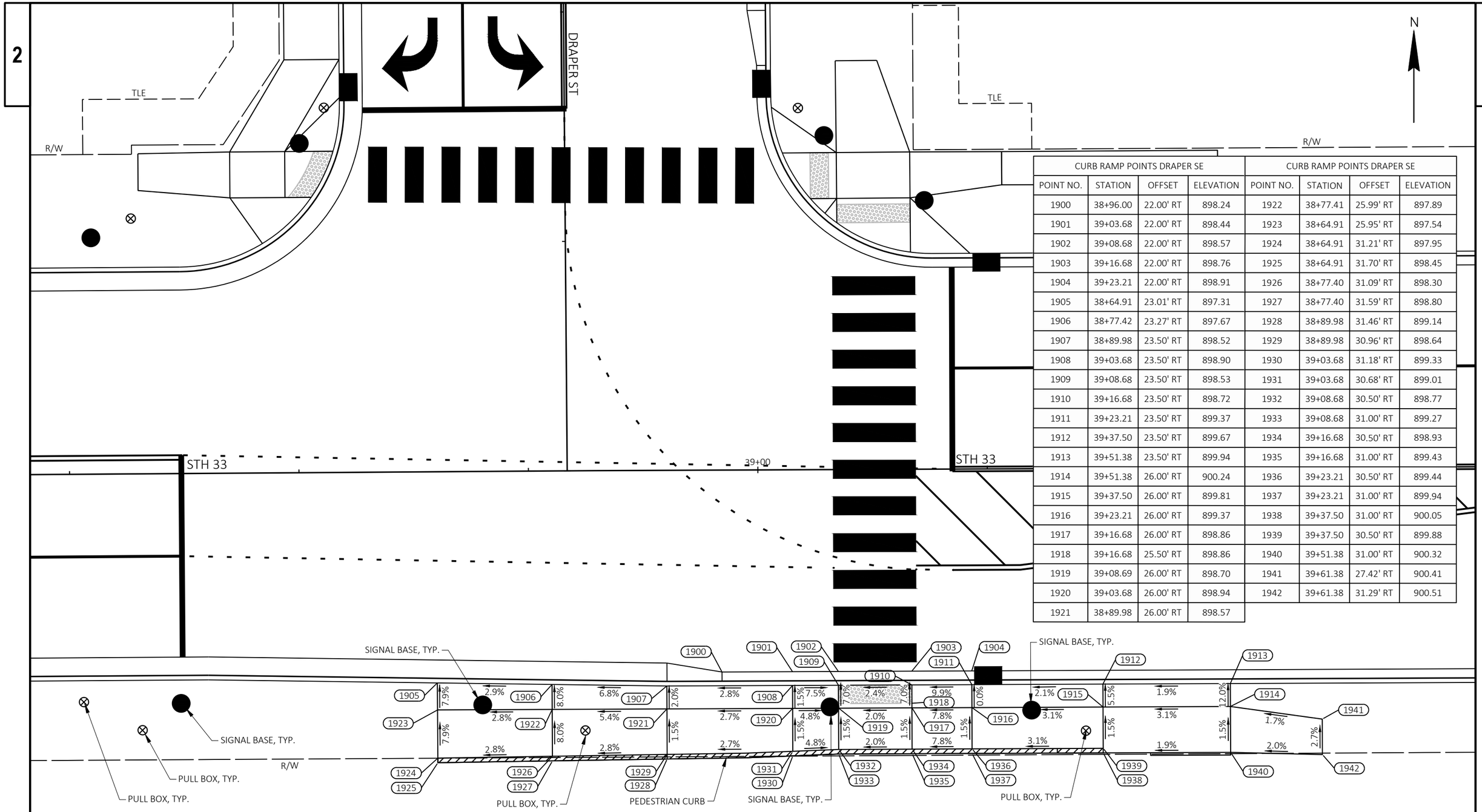
CURB RAMP POINTS DRAPER NW			
POINT NO.	STATION	OFFSET	ELEVATION
2100	38+37.19	20.00' LT	896.47
2101	38+44.84	21.52' LT	896.72
2102	38+51.33	25.86' LT	897.10
2103	38+54.19	29.47' LT	897.32
2104	38+56.66	35.45' LT	897.41
2105	38+57.19	40.02' LT	897.45
2106	38+46.20	25.00' LT	897.26
2107	38+51.55	30.00' LT	897.20
2108	38+53.96	35.00' LT	897.31
2109	38+54.68	45.01' LT	898.01
2110	38+32.69	30.87' LT	897.39
2111	38+32.69	34.88' LT	897.50
2112	38+42.69	30.00' LT	897.35
2113	38+42.69	35.00' LT	897.45
2114	38+48.69	30.00' LT	897.26
2115	38+48.69	35.00' LT	897.36
2116	38+48.68	45.00' LT	898.10
2117	38+48.66	69.58' LT	898.44
2118	38+54.66	69.59' LT	898.35
2119	38+49.02	74.97' LT	898.50
2120	38+55.09	74.98' LT	898.41

DETECTABLE WARNING FIELD, NATURAL PATINA (2'X8' TYP.)

DETECTABLE WARNING FIELD, NATURAL PATINA (2'X5' TYP.)

DETECTABLE WARNING FIELD, RADIAL NATURAL PATINA
RADIUS = 17.5'
LANDING LENGTH 'XR' = 4.93'
AREA = 11.34 SF
LONG CHORD = 5.55'

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - DRAPER NW AND NE QUADRANT	SHEET 29	E



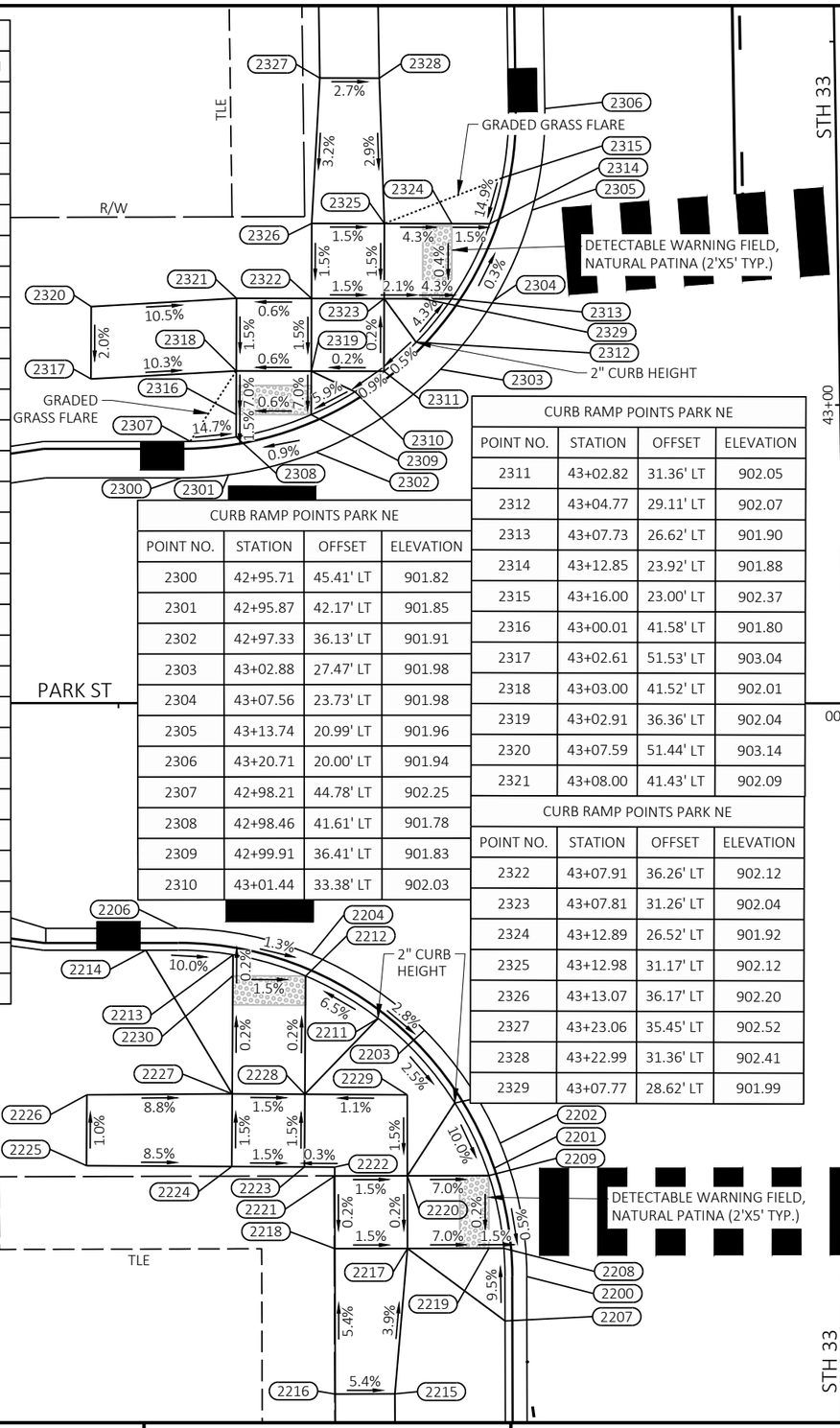
CURB RAMP POINTS DRAPER SE				CURB RAMP POINTS DRAPER SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
1900	38+96.00	22.00' RT	898.24	1922	38+77.41	25.99' RT	897.89
1901	39+03.68	22.00' RT	898.44	1923	38+64.91	25.95' RT	897.54
1902	39+08.68	22.00' RT	898.57	1924	38+64.91	31.21' RT	897.95
1903	39+16.68	22.00' RT	898.76	1925	38+64.91	31.70' RT	898.45
1904	39+23.21	22.00' RT	898.91	1926	38+77.40	31.09' RT	898.30
1905	38+64.91	23.01' RT	897.31	1927	38+77.40	31.59' RT	898.80
1906	38+77.42	23.27' RT	897.67	1928	38+89.98	31.46' RT	899.14
1907	38+89.98	23.50' RT	898.52	1929	38+89.98	30.96' RT	898.64
1908	39+03.68	23.50' RT	898.90	1930	39+03.68	31.18' RT	899.33
1909	39+08.68	23.50' RT	898.53	1931	39+03.68	30.68' RT	899.01
1910	39+16.68	23.50' RT	898.72	1932	39+08.68	30.50' RT	898.77
1911	39+23.21	23.50' RT	899.37	1933	39+08.68	31.00' RT	899.27
1912	39+37.50	23.50' RT	899.67	1934	39+16.68	30.50' RT	898.93
1913	39+51.38	23.50' RT	899.94	1935	39+16.68	31.00' RT	899.43
1914	39+51.38	26.00' RT	900.24	1936	39+23.21	30.50' RT	899.44
1915	39+37.50	26.00' RT	899.81	1937	39+23.21	31.00' RT	899.94
1916	39+23.21	26.00' RT	899.37	1938	39+37.50	31.00' RT	900.05
1917	39+16.68	26.00' RT	898.86	1939	39+37.50	30.50' RT	899.88
1918	39+16.68	25.50' RT	898.86	1940	39+51.38	31.00' RT	900.32
1919	39+08.69	26.00' RT	898.70	1941	39+61.38	27.42' RT	900.41
1920	39+03.68	26.00' RT	898.94	1942	39+61.38	31.29' RT	900.51
1921	38+89.98	26.00' RT	898.57				

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - DRAPER ST SE QUADRANT	SHEET 30	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 7.2

PLOT DATE : 4/28/2023 2:54 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:10 FT

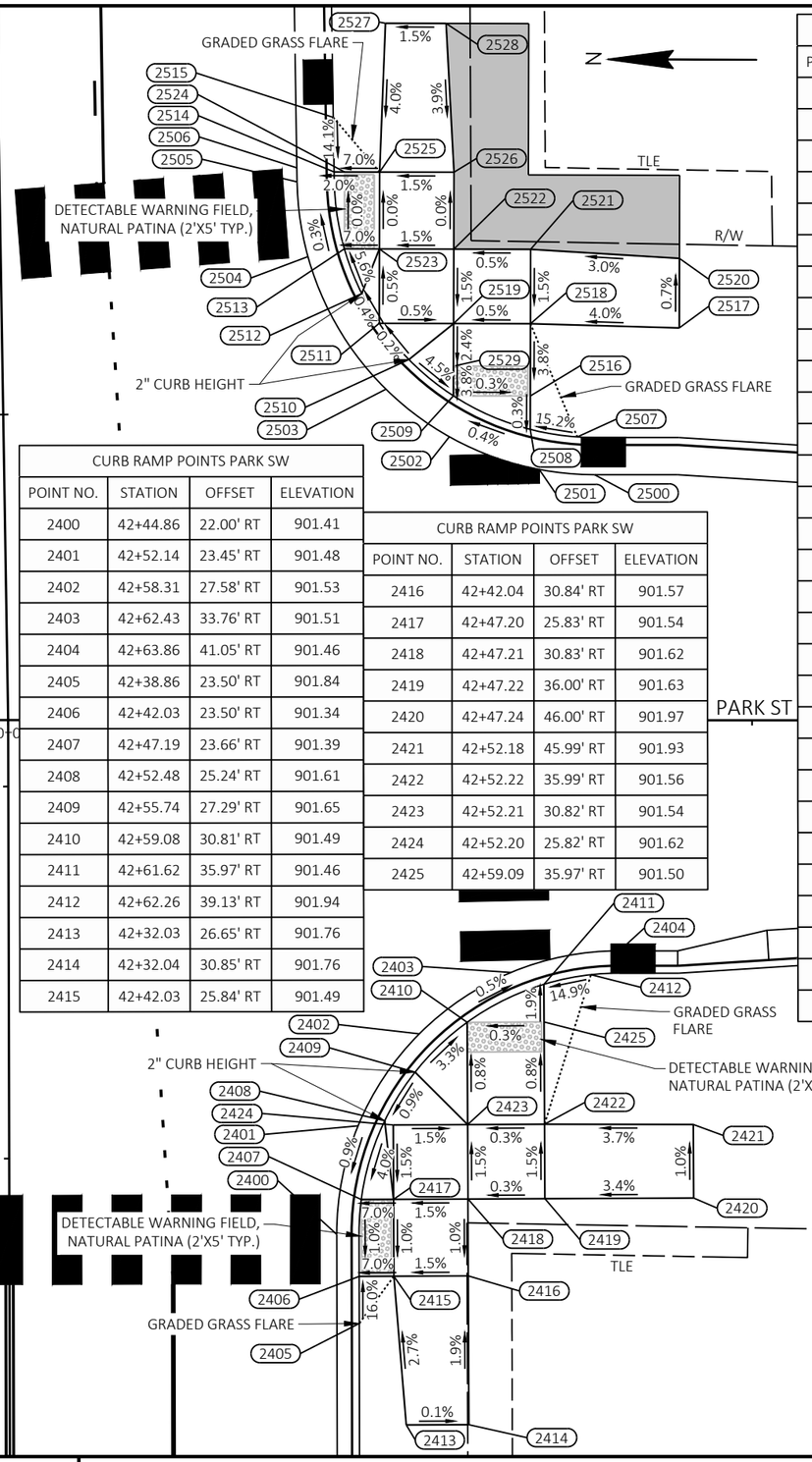
CURB RAMP POINTS PARK NW			
POINT NO.	STATION	OFFSET	ELEVATION
2200	42+40.09	22.00' LT	901.28
2201	42+47.53	24.24' LT	901.28
2202	42+49.26	23.82' LT	901.33
2203	42+57.04	29.01' LT	901.48
2204	42+62.24	36.77' LT	901.70
2206	42+64.09	45.94' LT	901.82
2207	42+37.03	23.50' LT	901.72
2208	42+42.03	23.58' LT	901.25
2209	42+47.03	24.60' LT	901.28
2210	42+52.03	26.93' LT	901.83
2211	42+57.86	32.20' LT	902.03
2212	42+60.78	37.17' LT	901.65
2213	42+62.26	42.16' LT	901.73
2214	42+62.59	48.16' LT	902.33
2215	42+32.03	31.09' LT	902.05
2216	42+32.03	35.20' LT	902.27
2217	42+42.03	30.20' LT	901.66
2218	42+42.03	35.20' LT	901.73
2219	42+42.03	24.60' LT	901.26
2220	42+47.03	30.20' LT	901.67
2221	42+47.03	35.20' LT	901.74
2222	42+47.64	35.20' LT	901.75
2223	42+47.66	37.28' LT	901.75
2224	42+47.70	42.28' LT	901.82
2225	42+47.78	52.28' LT	902.67
2226	42+52.65	52.24' LT	902.62
2227	42+52.70	42.24' LT	901.75
2228	42+52.66	37.24' LT	901.67
2229	42+52.60	30.20' LT	901.75
2230	42+60.82	42.17' LT	901.73



CURB RAMP POINTS PARK NE			
POINT NO.	STATION	OFFSET	ELEVATION
2300	42+95.71	45.41' LT	901.82
2301	42+95.87	42.17' LT	901.85
2302	42+97.33	36.13' LT	901.91
2303	43+02.88	27.47' LT	901.98
2304	43+07.56	23.73' LT	901.98
2305	43+13.74	20.99' LT	901.96
2306	43+20.71	20.00' LT	901.94
2307	42+98.21	44.78' LT	902.25
2308	42+98.46	41.61' LT	901.78
2309	42+99.91	36.41' LT	901.83
2310	43+01.44	33.38' LT	902.03

CURB RAMP POINTS PARK NE			
POINT NO.	STATION	OFFSET	ELEVATION
2311	43+02.82	31.36' LT	902.05
2312	43+04.77	29.11' LT	902.07
2313	43+07.73	26.62' LT	901.90
2314	43+12.85	23.92' LT	901.88
2315	43+16.00	23.00' LT	902.37
2316	43+00.01	41.58' LT	901.80
2317	43+02.61	51.53' LT	903.04
2318	43+03.00	41.52' LT	902.01
2319	43+02.91	36.36' LT	902.04
2320	43+07.59	51.44' LT	903.14
2321	43+08.00	41.43' LT	902.09

CURB RAMP POINTS PARK NE			
POINT NO.	STATION	OFFSET	ELEVATION
2322	43+07.91	36.26' LT	902.12
2323	43+07.81	31.26' LT	902.04
2324	43+12.89	26.52' LT	901.92
2325	43+12.98	31.17' LT	902.12
2326	43+13.07	36.17' LT	902.20
2327	43+23.06	35.45' LT	902.52
2328	43+22.99	31.36' LT	902.41
2329	43+07.77	28.62' LT	901.99



CURB RAMP POINTS PARK SW			
POINT NO.	STATION	OFFSET	ELEVATION
2400	42+44.86	22.00' RT	901.41
2401	42+52.14	23.45' RT	901.48
2402	42+58.31	27.58' RT	901.53
2403	42+62.43	33.76' RT	901.51
2404	42+63.86	41.05' RT	901.46
2405	42+38.86	23.50' RT	901.84
2406	42+42.03	23.50' RT	901.34
2407	42+47.19	23.66' RT	901.39
2408	42+52.48	25.24' RT	901.61
2409	42+55.74	27.29' RT	901.65
2410	42+59.08	30.81' RT	901.49
2411	42+61.62	35.97' RT	901.46
2412	42+62.26	39.13' RT	901.94
2413	42+32.03	26.65' RT	901.76
2414	42+32.04	30.85' RT	901.76
2415	42+42.03	25.84' RT	901.49

CURB RAMP POINTS PARK SW			
POINT NO.	STATION	OFFSET	ELEVATION
2416	42+42.04	30.84' RT	901.57
2417	42+47.20	25.83' RT	901.54
2418	42+47.21	30.83' RT	901.62
2419	42+47.22	36.00' RT	901.63
2420	42+47.24	46.00' RT	901.97
2421	42+52.18	45.99' RT	901.93
2422	42+52.22	35.99' RT	901.56
2423	42+52.21	30.82' RT	901.54
2424	42+52.20	25.82' RT	901.62
2425	42+59.09	35.97' RT	901.50

CURB RAMP POINTS PARK SE			
POINT NO.	STATION	OFFSET	ELEVATION
2500	42+95.32	39.67' RT	901.77
2501	42+95.73	35.97' RT	901.78
2502	42+98.02	29.96' RT	901.80
2503	43+01.29	25.74' RT	901.81
2504	43+10.28	20.64' RT	901.78
2505	43+15.32	20.00' RT	901.77
2506	43+16.25	20.00' RT	901.77
2507	42+97.88	38.56' RT	902.19
2508	42+98.43	35.40' RT	901.70
2509	43+00.77	30.27' RT	901.73
2510	43+03.26	27.32' RT	901.90
2511	43+05.72	25.37' RT	901.89
2512	43+07.74	24.22' RT	901.88
2513	43+10.76	23.10' RT	901.71
2514	43+15.94	22.50' RT	901.69
2515	43+19.61	22.50' RT	902.21
2516	43+00.67	35.44' RT	901.71
2517	43+05.09	45.52' RT	902.30
2518	43+05.53	35.53' RT	901.90
2519	43+05.63	30.36' RT	901.87
2520	43+09.76	45.61' RT	902.27
2521	43+10.53	35.62' RT	901.97
2522	43+10.63	30.46' RT	901.94
2523	43+10.72	25.46' RT	901.87
2524	43+15.93	23.20' RT	901.70
2525	43+15.89	25.55' RT	901.87
2526	43+15.79	30.55' RT	901.94
2527	43+25.88	26.11' RT	902.27
2528	43+25.80	30.18' RT	902.33
2529	43+02.77	30.31' RT	901.80

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - PARK ST	SHEET 31	E

2

CURB RAMP POINTS SUMMIT NW			
POINT NO.	STATION	OFFSET	ELEVATION
2600	47+68.01	20.00' LT	896.96
2601	47+75.67	21.21' LT	896.44
2602	47+81.75	24.17' LT	896.27
2603	47+85.55	27.31' LT	896.17
2604	47+87.49	29.51' LT	896.11
2605	47+90.94	35.50' LT	895.66
2606	47+92.77	44.94' LT	895.43
2607	47+71.41	22.76' LT	897.13
2608	47+76.22	24.07' LT	896.29
2609	47+81.36	26.95' LT	896.16
2610	47+83.02	28.33' LT	896.28
2611	47+83.05	28.35' LT	896.28
2612	47+84.68	30.02' LT	896.06
2613	47+88.10	35.20' LT	895.92
2614	47+89.77	40.04' LT	896.18
2615	47+64.77	31.54' LT	898.23
2616	47+64.77	35.00' LT	898.63
2617	47+76.23	26.97' LT	896.29
2618	47+76.24	30.00' LT	896.37
2619	47+76.26	35.17' LT	896.29

CURB RAMP POINTS SUMMIT SW			
POINT NO.	STATION	OFFSET	ELEVATION
2800	47+72.63	20.00' RT	896.67
2801	47+73.98	20.04' RT	896.55
2802	47+79.97	21.37' RT	896.34
2803	47+86.84	25.80' RT	895.96
2804	47+91.31	32.41' RT	895.70
2805	47+92.84	40.03' RT	895.11
2806	47+68.01	22.50' RT	897.37
2807	47+74.17	22.57' RT	896.43
2808	47+79.37	23.82' RT	896.25
2809	47+80.96	25.82' RT	896.24
2810	47+82.97	25.81' RT	896.00
2811	47+87.76	30.96' RT	895.82
2812	47+89.79	35.79' RT	895.91
2813	47+64.15	26.85' RT	897.63
2814	47+64.32	30.83' RT	897.79
2815	47+74.17	23.83' RT	896.44
2816	47+74.17	25.83' RT	896.50
2817	47+74.17	31.00' RT	896.52
2818	47+79.37	25.82' RT	896.31
2819	47+79.38	30.99' RT	896.33
2820	47+82.99	30.98' RT	895.90

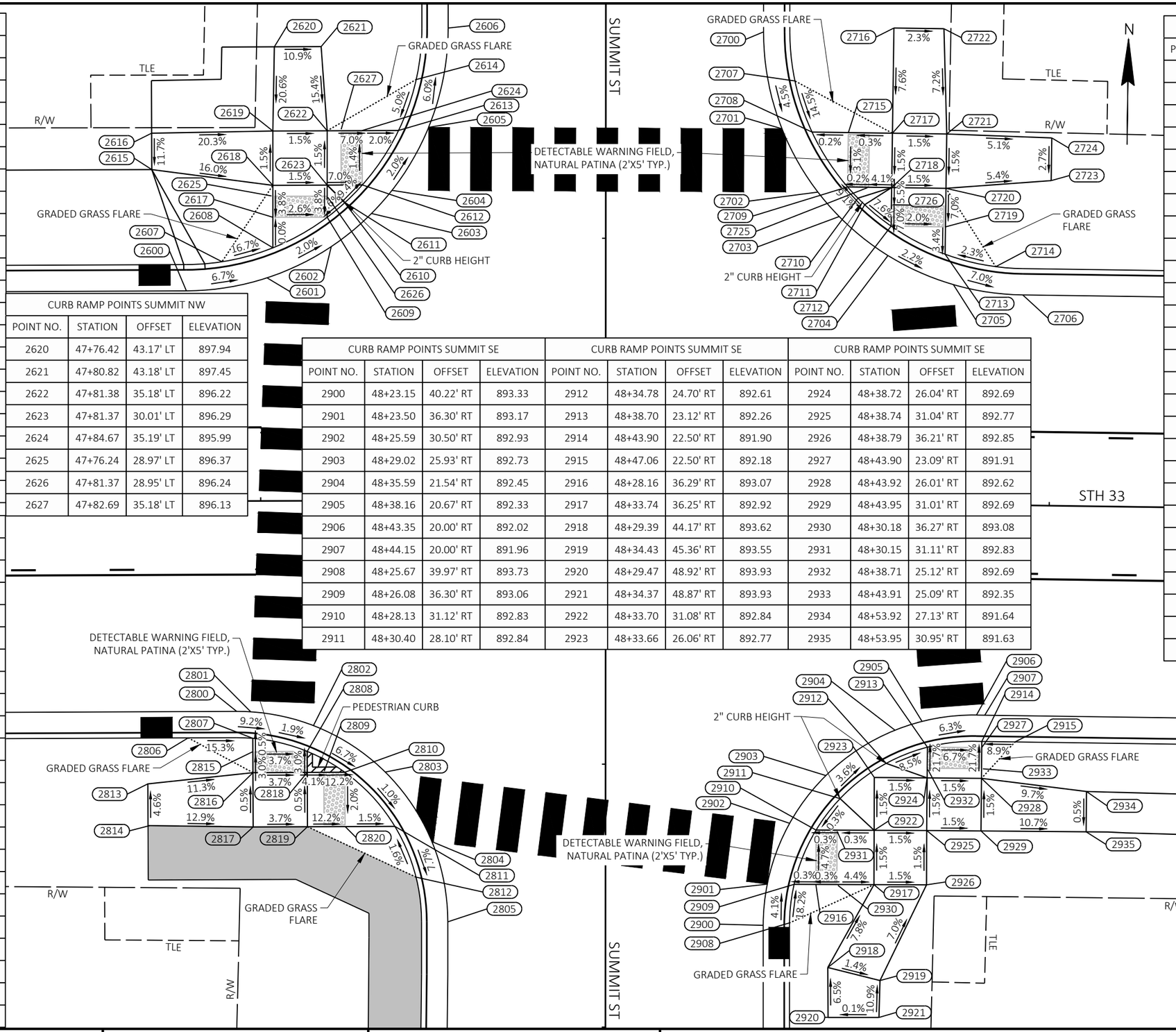
CURB RAMP POINTS SUMMIT NW			
POINT NO.	STATION	OFFSET	ELEVATION
2620	47+76.42	43.17' LT	897.94
2621	47+80.82	43.18' LT	897.45
2622	47+81.38	35.18' LT	896.22
2623	47+81.37	30.01' LT	896.29
2624	47+84.67	35.19' LT	895.99
2625	47+76.24	28.97' LT	896.37
2626	47+81.37	28.95' LT	896.24
2627	47+82.69	35.18' LT	896.13

CURB RAMP POINTS SUMMIT SE			
POINT NO.	STATION	OFFSET	ELEVATION
2900	48+23.15	40.22' RT	893.33
2901	48+23.50	36.30' RT	893.17
2902	48+25.59	30.50' RT	892.93
2903	48+29.02	25.93' RT	892.73
2904	48+35.59	21.54' RT	892.45
2905	48+38.16	20.67' RT	892.33
2906	48+43.35	20.00' RT	892.02
2907	48+44.15	20.00' RT	891.96
2908	48+25.67	39.97' RT	893.73
2909	48+26.08	36.30' RT	893.06
2910	48+28.13	31.12' RT	892.83
2911	48+30.40	28.10' RT	892.84

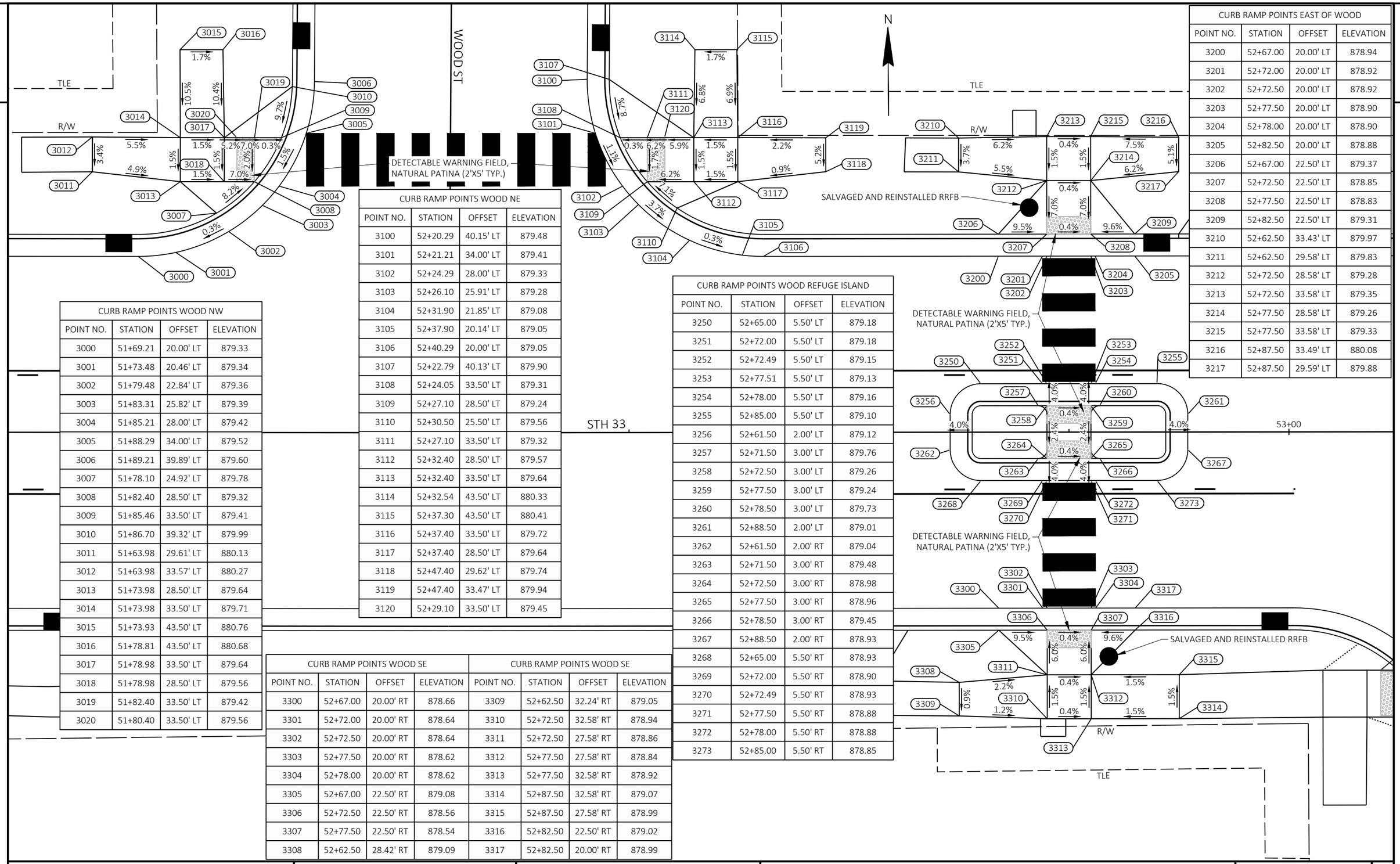
CURB RAMP POINTS SUMMIT SE			
POINT NO.	STATION	OFFSET	ELEVATION
2912	48+34.78	24.70' RT	892.61
2913	48+38.70	23.12' RT	892.26
2914	48+43.90	22.50' RT	891.90
2915	48+47.06	22.50' RT	892.18
2916	48+28.16	36.29' RT	893.07
2917	48+33.74	36.25' RT	892.92
2918	48+29.39	44.17' RT	893.62
2919	48+34.43	45.36' RT	893.55
2920	48+29.47	48.92' RT	893.93
2921	48+34.37	48.87' RT	893.93
2922	48+33.70	31.08' RT	892.84
2923	48+33.66	26.06' RT	892.77

CURB RAMP POINTS SUMMIT SE			
POINT NO.	STATION	OFFSET	ELEVATION
2924	48+38.72	26.04' RT	892.69
2925	48+38.74	31.04' RT	892.77
2926	48+38.79	36.21' RT	892.85
2927	48+43.90	23.09' RT	891.91
2928	48+43.92	26.01' RT	892.62
2929	48+43.95	31.01' RT	892.69
2930	48+30.18	36.27' RT	893.08
2931	48+30.15	31.11' RT	892.83
2932	48+38.71	25.12' RT	892.69
2933	48+43.91	25.09' RT	892.35
2934	48+53.92	27.13' RT	891.64
2935	48+53.95	30.95' RT	891.63

CURB RAMP POINTS SUMMIT NE			
POINT NO.	STATION	OFFSET	ELEVATION
2700	48+22.44	44.72' LT	893.31
2701	48+24.26	35.52' LT	892.89
2702	48+27.70	29.54' LT	892.72
2703	48+29.74	27.23' LT	892.65
2704	48+34.39	23.58' LT	892.52
2705	48+40.61	20.89' LT	892.23
2706	48+47.20	20.00' LT	891.76
2707	48+25.44	40.08' LT	893.50
2708	48+27.09	35.24' LT	892.75
2709	48+30.50	30.06' LT	892.60
2710	48+31.49	29.00' LT	892.73
2711	48+32.13	28.38' LT	892.71
2712	48+34.65	26.37' LT	892.46
2713	48+39.78	23.77' LT	892.27
2714	48+44.59	22.65' LT	892.39
2715	48+30.52	35.22' LT	892.76
2716	48+34.70	45.21' LT	893.53
2717	48+34.67	35.21' LT	892.77
2718	48+34.66	30.04' LT	892.69
2719	48+39.79	26.37' LT	892.36
2720	48+39.79	30.04' LT	892.62
2721	48+39.80	35.20' LT	892.69
2722	48+39.41	45.20' LT	893.42
2723	48+49.76	30.91' LT	892.08
2724	48+49.76	34.96' LT	892.19
2725	48+32.49	30.05' LT	892.61
2726	48+34.66	28.37' LT	892.60



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - SUMMIT ST	SHEET 32	E



CURB RAMP POINTS WOOD NW			
POINT NO.	STATION	OFFSET	ELEVATION
3000	51+69.21	20.00' LT	879.33
3001	51+73.48	20.46' LT	879.34
3002	51+79.48	22.84' LT	879.36
3003	51+83.31	25.82' LT	879.39
3004	51+85.21	28.00' LT	879.42
3005	51+88.29	34.00' LT	879.52
3006	51+89.21	39.89' LT	879.60
3007	51+78.10	24.92' LT	879.78
3008	51+82.40	28.50' LT	879.32
3009	51+85.46	33.50' LT	879.41
3010	51+86.70	39.32' LT	879.99
3011	51+63.98	29.61' LT	880.13
3012	51+63.98	33.57' LT	880.27
3013	51+73.98	28.50' LT	879.64
3014	51+73.98	33.50' LT	879.71
3015	51+73.93	43.50' LT	880.76
3016	51+78.81	43.50' LT	880.68
3017	51+78.98	33.50' LT	879.64
3018	51+78.98	28.50' LT	879.56
3019	51+82.40	33.50' LT	879.42
3020	51+80.40	33.50' LT	879.56

CURB RAMP POINTS WOOD NE			
POINT NO.	STATION	OFFSET	ELEVATION
3100	52+20.29	40.15' LT	879.48
3101	52+21.21	34.00' LT	879.41
3102	52+24.29	28.00' LT	879.33
3103	52+26.10	25.91' LT	879.28
3104	52+31.90	21.85' LT	879.08
3105	52+37.90	20.14' LT	879.05
3106	52+40.29	20.00' LT	879.05
3107	52+22.79	40.13' LT	879.90
3108	52+24.05	33.50' LT	879.31
3109	52+27.10	28.50' LT	879.24
3110	52+30.50	25.50' LT	879.56
3111	52+27.10	33.50' LT	879.32
3112	52+32.40	28.50' LT	879.57
3113	52+32.40	33.50' LT	879.64
3114	52+32.54	43.50' LT	880.33
3115	52+37.30	43.50' LT	880.41
3116	52+37.40	33.50' LT	879.72
3117	52+37.40	28.50' LT	879.64
3118	52+47.40	29.62' LT	879.74
3119	52+47.40	33.47' LT	879.94
3120	52+29.10	33.50' LT	879.45

CURB RAMP POINTS WOOD REFUGE ISLAND			
POINT NO.	STATION	OFFSET	ELEVATION
3250	52+65.00	5.50' LT	879.18
3251	52+72.00	5.50' LT	879.18
3252	52+72.49	5.50' LT	879.15
3253	52+77.51	5.50' LT	879.13
3254	52+78.00	5.50' LT	879.16
3255	52+85.00	5.50' LT	879.10
3256	52+61.50	2.00' LT	879.12
3257	52+71.50	3.00' LT	879.76
3258	52+72.50	3.00' LT	879.26
3259	52+77.50	3.00' LT	879.24
3260	52+78.50	3.00' LT	879.73
3261	52+88.50	2.00' LT	879.01
3262	52+61.50	2.00' RT	879.04
3263	52+71.50	3.00' RT	879.48
3264	52+72.50	3.00' RT	878.98
3265	52+77.50	3.00' RT	878.96
3266	52+78.50	3.00' RT	879.45
3267	52+88.50	2.00' RT	878.93
3268	52+65.00	5.50' RT	878.93
3269	52+72.00	5.50' RT	878.90
3270	52+72.49	5.50' RT	878.93
3271	52+77.50	5.50' RT	878.88
3272	52+78.00	5.50' RT	878.88
3273	52+85.00	5.50' RT	878.85

CURB RAMP POINTS EAST OF WOOD			
POINT NO.	STATION	OFFSET	ELEVATION
3200	52+67.00	20.00' LT	878.94
3201	52+72.00	20.00' LT	878.92
3202	52+72.50	20.00' LT	878.92
3203	52+77.50	20.00' LT	878.90
3204	52+78.00	20.00' LT	878.90
3205	52+82.50	20.00' LT	878.88
3206	52+67.00	22.50' LT	879.37
3207	52+72.50	22.50' LT	878.85
3208	52+77.50	22.50' LT	878.83
3209	52+82.50	22.50' LT	879.31
3210	52+62.50	33.43' LT	879.97
3211	52+62.50	29.58' LT	879.83
3212	52+72.50	28.58' LT	879.28
3213	52+72.50	33.58' LT	879.35
3214	52+77.50	28.58' LT	879.26
3215	52+77.50	33.58' LT	879.33
3216	52+87.50	33.49' LT	880.08
3217	52+87.50	29.59' LT	879.88

CURB RAMP POINTS WOOD SE				CURB RAMP POINTS WOOD SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
3300	52+67.00	20.00' RT	878.66	3309	52+62.50	32.24' RT	879.05
3301	52+72.00	20.00' RT	878.64	3310	52+72.50	32.58' RT	878.94
3302	52+72.50	20.00' RT	878.64	3311	52+72.50	27.58' RT	878.86
3303	52+77.50	20.00' RT	878.62	3312	52+77.50	27.58' RT	878.84
3304	52+78.00	20.00' RT	878.62	3313	52+77.50	32.58' RT	878.92
3305	52+67.00	22.50' RT	879.08	3314	52+87.50	32.58' RT	879.07
3306	52+72.50	22.50' RT	878.56	3315	52+87.50	27.58' RT	878.99
3307	52+77.50	22.50' RT	878.54	3316	52+82.50	22.50' RT	879.02
3308	52+62.50	28.42' RT	879.09	3317	52+82.50	20.00' RT	878.99

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - WOOD ST	SHEET 33	E

2

2

N

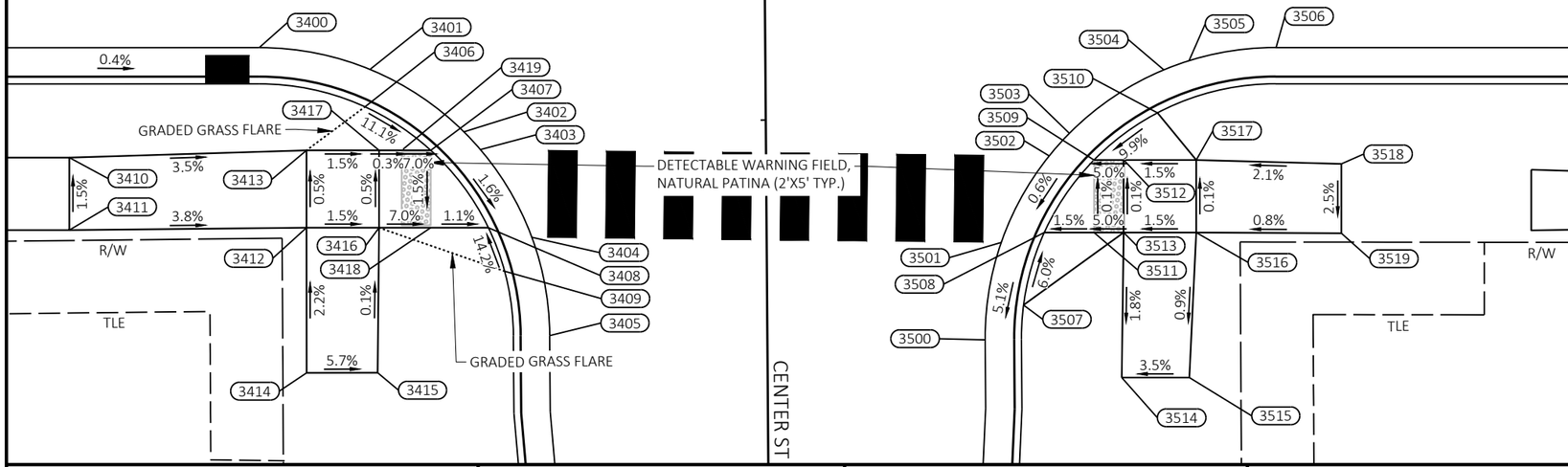
R/W

CURB RAMP POINTS CENTER SW			
POINT NO.	STATION	OFFSET	ELEVATION
3400	53+00.59	20.00' RT	878.53
3401	53+08.21	21.51' RT	878.40
3402	53+14.68	25.81' RT	878.27
3403	53+15.82	27.03' RT	878.24
3404	53+19.35	33.07' RT	878.13
3405	53+20.59	39.86' RT	878.01
3406	53+07.87	24.08' RT	878.81
3407	53+12.40	27.08' RT	878.20
3408	53+16.36	32.42' RT	878.08
3409	53+17.48	35.42' RT	878.53
3410	52+87.50	27.58' RT	878.99
3411	52+87.50	32.58' RT	879.07
3412	53+03.84	32.42' RT	878.45
3413	53+03.84	27.08' RT	878.42
3414	53+03.85	42.42' RT	878.66
3415	53+08.74	42.42' RT	878.39
3416	53+08.84	32.42' RT	878.37
3417	53+08.84	27.08' RT	878.35
3418	53+12.40	32.42' RT	878.12
3419	53+10.40	27.08' RT	878.34

STH 33

STH 33

54+00

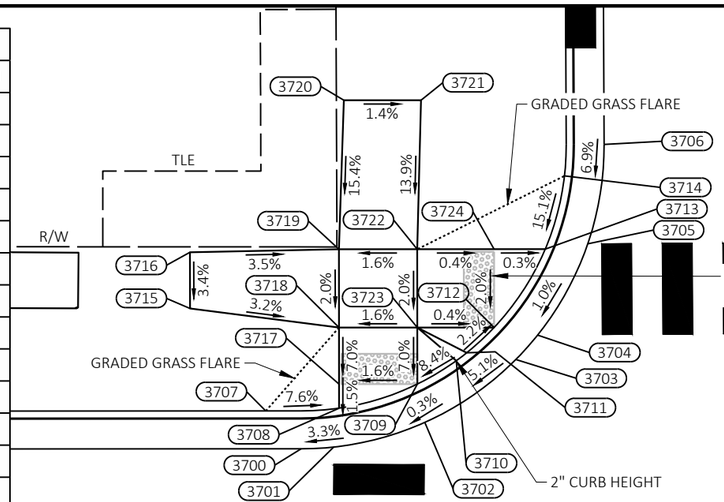


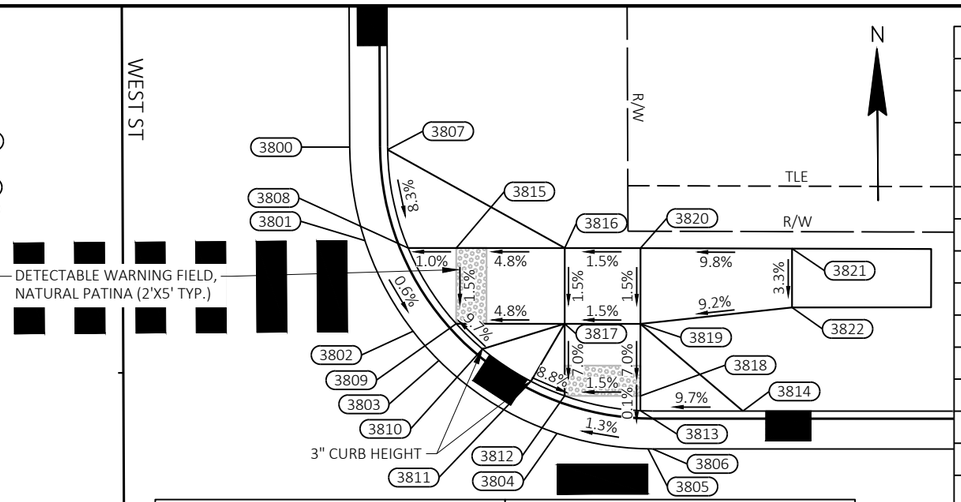
CURB RAMP POINTS CENTER SE				CURB RAMP POINTS CENTER SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
3500	53+50.61	40.15' RT	877.78	3514	53+60.02	42.75' RT	878.00
3501	53+51.72	33.43' RT	878.07	3515	53+64.68	42.75' RT	878.16
3502	53+55.02	27.47' RT	878.14	3516	53+65.15	32.75' RT	878.25
3503	53+56.41	25.91' RT	878.15	3517	53+65.15	27.75' RT	878.24
3504	53+62.92	21.54' RT	878.20	3518	53+75.15	28.01' RT	878.45
3505	53+64.65	20.91' RT	878.21	3519	53+75.15	32.80' RT	878.33
3506	53+70.65	20.00' RT	878.25				
3507	53+53.25	37.75' RT	878.33				
3508	53+54.68	32.75' RT	878.02				
3509	53+58.11	27.75' RT	878.07				
3510	53+62.48	24.50' RT	878.61				
3511	53+58.11	32.75' RT	878.07				
3512	53+60.15	27.75' RT	878.17				
3513	53+60.15	32.75' RT	878.18				

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - CENTER ST	SHEET 34	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 11
PLOT DATE : 4/28/2023 2:54 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

CURB RAMP POINTS WEST NW			
POINT NO.	STATION	OFFSET	ELEVATION
3700	56+48.08	20.00' LT	882.35
3701	56+50.23	20.12' LT	882.42
3702	56+56.25	21.74' LT	882.54
3703	56+62.25	25.88' LT	882.77
3704	56+63.70	27.50' LT	882.82
3705	56+67.01	33.52' LT	882.90
3706	56+68.08	40.08' LT	883.30
3707	56+45.75	22.50' LT	882.73
3708	56+50.59	22.68' LT	882.36
3709	56+55.75	24.27' LT	882.47
3710	56+58.32	25.81' LT	882.72
3711	56+59.02	26.33' LT	882.76
3712	56+60.82	28.00' LT	882.71
3713	56+64.20	33.17' LT	882.80
3714	56+65.47	38.00' LT	883.56
3715	56+40.75	29.26' LT	882.97
3716	56+40.75	32.97' LT	883.09
3717	56+50.59	24.27' LT	882.38
3718	56+50.59	28.00' LT	882.65
3719	56+50.59	33.17' LT	882.75
3720	56+50.91	43.00' LT	884.27
3721	56+56.01	43.00' LT	884.20
3722	56+55.75	33.17' LT	882.83
3723	56+55.75	28.00' LT	882.73
3724	56+60.82	33.17' LT	882.81



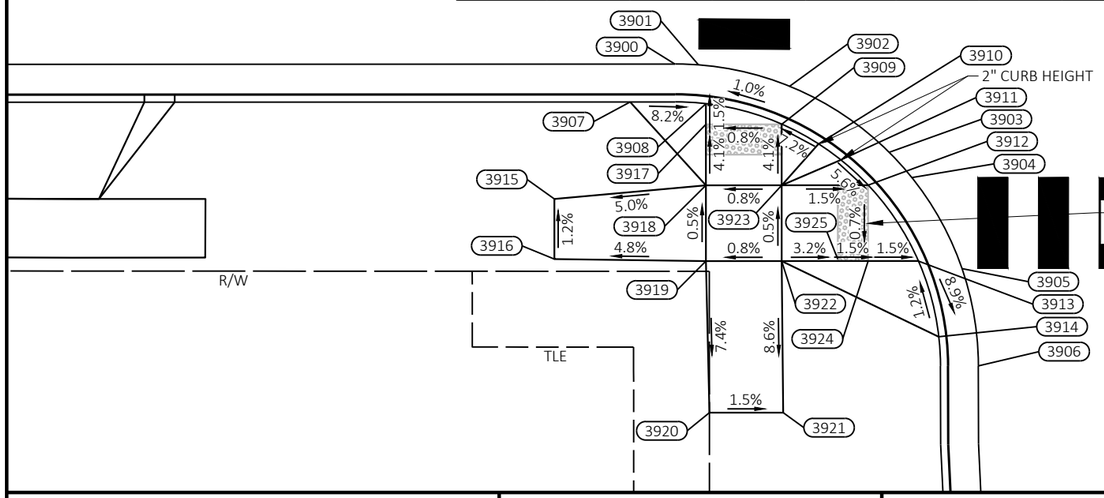


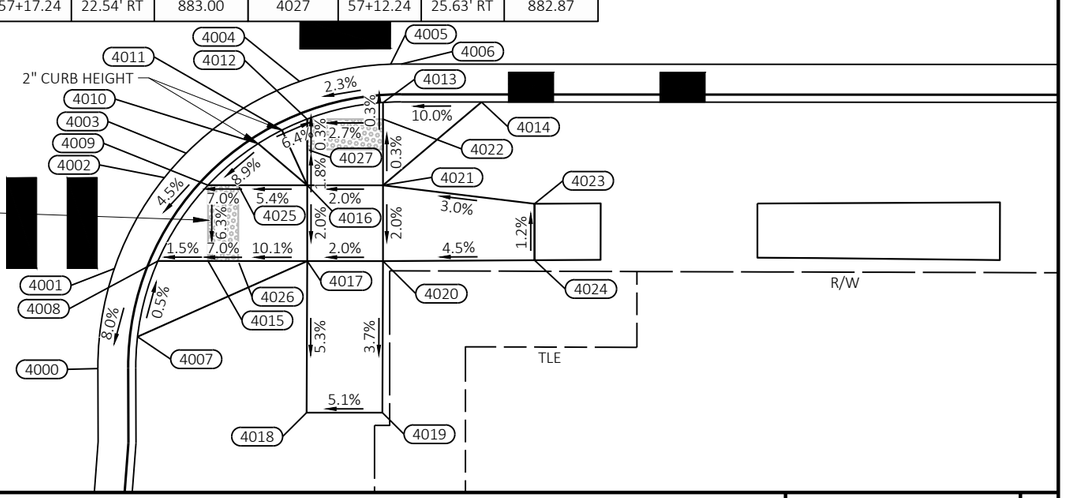
CURB RAMP POINTS WEST NE			
POINT NO.	STATION	OFFSET	ELEVATION
3800	56+98.05	39.90' LT	883.89
3801	56+99.05	33.73' LT	883.85
3802	57+02.24	27.75' LT	883.81
3803	57+03.94	25.82' LT	883.79
3804	57+11.74	21.02' LT	883.81
3805	57+17.74	20.00' LT	883.89
3806	57+18.05	20.00' LT	883.90
3807	57+00.55	39.73' LT	884.31
3808	57+01.90	33.25' LT	883.76
3809	57+05.08	28.25' LT	883.72
3810	57+06.81	26.58' LT	883.95
3811	57+10.01	24.45' LT	883.94
3812	57+12.24	23.49' LT	883.73
3813	57+17.24	22.52' LT	883.81
3814	57+24.00	22.50' LT	884.46
3815	57+05.08	33.25' LT	883.79
3816	57+12.24	33.25' LT	884.14
3817	57+12.24	28.25' LT	884.06
3818	57+17.24	23.49' LT	883.81
3819	57+17.24	28.25' LT	884.14
3820	57+17.24	33.25' LT	884.21
3821	57+27.24	33.21' LT	885.19
3822	57+27.24	29.34' LT	885.06

STH 33

CURB RAMP POINTS WEST SW				CURB RAMP POINTS WEST SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
3900	56+48.39	20.00' RT	881.55	3913	56+64.43	33.00' RT	881.55
3901	56+49.94	20.06' RT	881.57	3914	56+65.77	38.00' RT	881.61
3902	56+55.93	21.48' RT	881.63	3915	56+40.42	28.90' RT	881.18
3903	56+62.50	25.83' RT	881.71	3916	56+40.42	32.86' RT	881.23
3904	56+64.00	27.50' RT	881.73	3917	56+50.42	23.98' RT	881.52
3905	56+67.30	33.50' RT	881.58	3918	56+50.42	28.00' RT	881.68
3906	56+68.39	39.92' RT	881.00	3919	56+50.42	33.00' RT	881.71
3907	56+45.42	22.50' RT	881.91	3920	56+50.65	43.00' RT	880.96
3908	56+50.42	22.62' RT	881.50	3921	56+55.51	43.00' RT	880.89
3909	56+55.42	23.98' RT	881.56	3922	56+55.42	33.00' RT	881.75
3910	56+57.85	25.28' RT	881.75	3923	56+55.42	28.00' RT	881.72
3911	56+59.32	26.33' RT	881.78	3924	56+61.13	33.00' RT	881.60
3912	56+61.13	28.00' RT	881.64	3925	56+59.13	33.00' RT	881.63

CURB RAMP POINTS WEST SE				CURB RAMP POINTS WEST SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
4000	56+98.43	40.10' RT	881.58	4014	57+23.73	22.50' RT	883.64
4001	56+99.51	33.50' RT	882.11	4015	57+05.69	33.00' RT	882.21
4002	57+02.82	27.50' RT	882.53	4016	57+12.24	28.00' RT	882.91
4003	57+04.25	25.89' RT	882.63	4017	57+12.24	33.00' RT	882.81
4004	57+11.74	21.15' RT	882.95	4018	57+12.21	43.00' RT	882.28
4005	57+17.74	20.01' RT	883.09	4019	57+17.20	43.00' RT	882.54
4006	57+18.43	20.00' RT	883.11	4020	57+17.24	33.00' RT	882.91
4007	57+01.04	38.00' RT	882.19	4021	57+17.24	28.00' RT	883.01
4008	57+02.39	33.00' RT	882.16	4022	57+17.24	23.63' RT	883.00
4009	57+05.69	28.00' RT	882.53	4023	57+27.24	29.21' RT	883.32
4010	57+09.00	25.25' RT	882.91	4024	57+27.24	32.94' RT	883.36
4011	57+10.57	24.36' RT	882.98	4025	57+07.69	28.00' RT	882.67
4012	57+12.24	23.63' RT	882.86	4026	57+07.69	33.00' RT	882.35
4013	57+17.24	22.54' RT	883.00	4027	57+12.24	25.63' RT	882.87



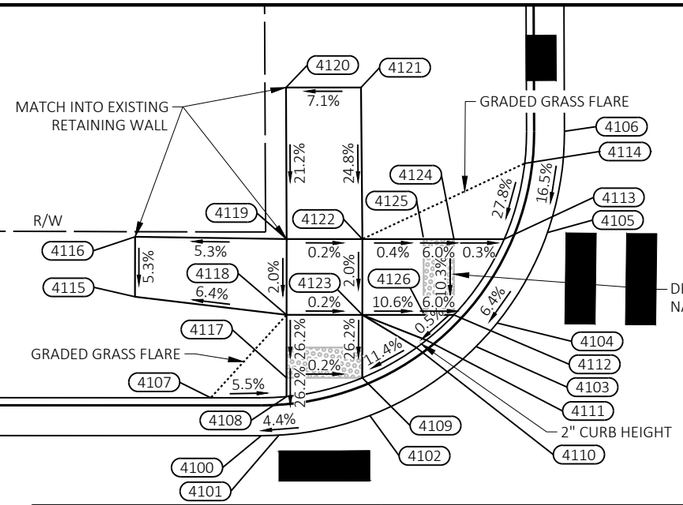


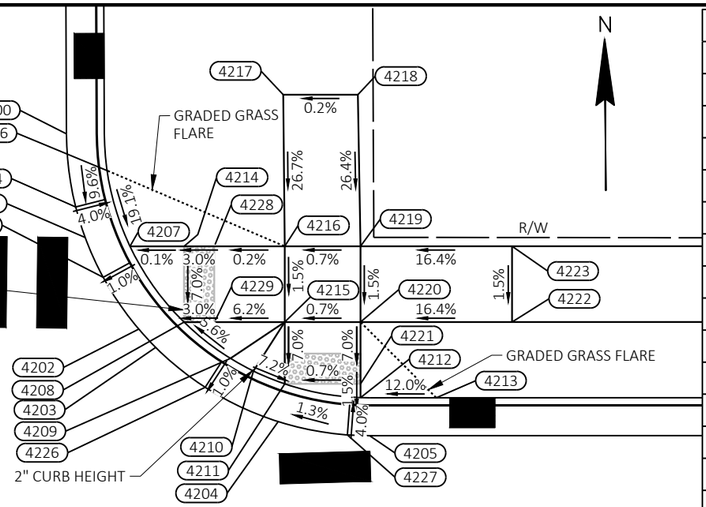
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - WEST ST	SHEET 35	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 12
PLOT DATE : 4/28/2023 2:55 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

CURB RAMP POINTS BIRCH NW			
POINT NO.	STATION	OFFSET	ELEVATION
4100	61+12.19	20.00' LT	902.23
4101	61+13.36	20.03' LT	902.28
4102	61+19.36	21.33' LT	902.59
4103	61+26.37	25.89' LT	903.13
4104	61+27.76	27.44' LT	903.27
4105	61+31.07	33.40' LT	903.87
4106	61+32.19	40.09' LT	905.02
4107	61+08.86	22.50' LT	902.50
4108	61+13.86	22.58' LT	902.23
4109	61+18.86	23.82' LT	902.54
4110	61+22.43	25.81' LT	903.01
4111	61+23.09	26.31' LT	903.07
4112	61+24.90	27.97' LT	903.08
4113	61+28.22	32.97' LT	903.59
4114	61+29.58	37.97' LT	905.03
4115	61+03.86	29.16' LT	903.00
4116	61+03.86	33.13' LT	903.21
4117	61+13.86	23.82' LT	902.55
4118	61+13.86	27.97' LT	903.64
4119	61+13.86	32.97' LT	903.74
4120	61+13.82	42.97' LT	905.86
4121	61+18.77	42.97' LT	906.21
4122	61+18.86	32.97' LT	903.73
4123	61+18.86	27.97' LT	903.63
4124	61+24.90	32.97' LT	903.60
4125	61+22.90	32.97' LT	903.72
4126	61+22.90	27.97' LT	903.20

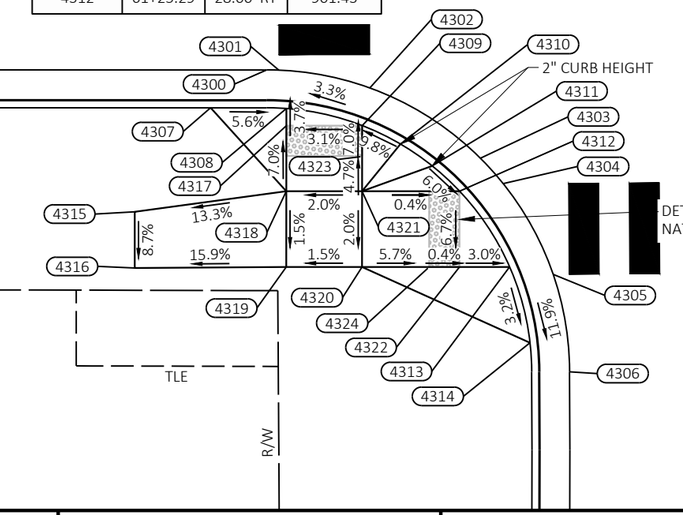


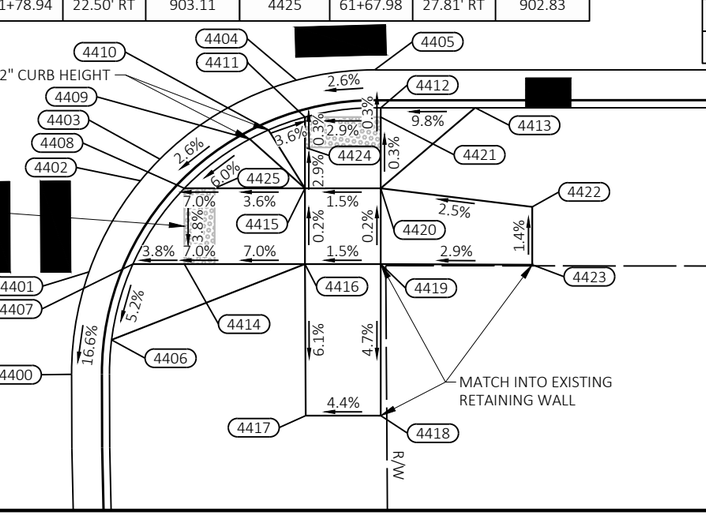


CURB RAMP POINTS BIRCH SW				CURB RAMP POINTS BIRCH SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
4300	61+12.55	20.00' RT	901.04	4313	61+28.59	33.00' RT	900.99
4301	61+13.36	20.02' RT	901.07	4314	61+29.94	38.00' RT	900.83
4302	61+19.36	21.19' RT	901.27	4315	61+03.86	29.37' RT	900.02
4303	61+26.66	25.83' RT	901.52	4316	61+03.86	33.08' RT	899.69
4304	61+28.17	27.50' RT	901.47	4317	61+13.86	23.68' RT	901.05
4305	61+31.46	33.48' RT	900.89	4318	61+13.86	28.00' RT	901.36
4306	61+32.55	39.91' RT	900.16	4319	61+13.86	33.00' RT	901.28
4307	61+08.86	22.50' RT	901.29	4320	61+18.86	33.00' RT	901.36
4308	61+13.86	22.55' RT	901.01	4321	61+18.86	28.00' RT	901.46
4309	61+18.86	23.68' RT	901.21	4322	61+25.29	33.00' RT	901.09
4310	61+21.39	24.90' RT	901.48	4323	61+18.86	25.68' RT	901.35
4311	61+23.49	26.33' RT	901.58	4324	61+23.29	33.00' RT	901.10
4312	61+25.29	28.00' RT	901.43				

CURB RAMP POINTS BIRCH SE				CURB RAMP POINTS BIRCH SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
4400	61+58.53	40.08' RT	901.26	4413	61+85.17	22.50' RT	903.72
4401	61+59.68	33.32' RT	902.40	4414	61+65.98	32.81' RT	902.51
4402	61+63.08	27.30' RT	902.73	4415	61+73.94	27.81' RT	903.05
4403	61+64.36	25.89' RT	902.78	4416	61+73.94	32.81' RT	903.06
4404	61+73.37	20.68' RT	903.05	4417	61+73.98	42.81' RT	902.45
4405	61+78.53	20.00' RT	903.18	4418	61+78.93	42.81' RT	902.67
4406	61+61.17	37.81' RT	902.11	4419	61+78.94	32.81' RT	903.14
4407	61+62.58	32.81' RT	902.38	4420	61+78.94	27.81' RT	903.13
4408	61+65.98	27.81' RT	902.69	4421	61+78.94	23.11' RT	903.11
4409	61+70.30	24.56' RT	903.02	4422	61+88.94	29.03' RT	903.38
4410	61+71.53	23.96' RT	903.06	4423	61+88.94	32.85' RT	903.43
4411	61+73.94	23.11' RT	902.97	4424	61+73.94	25.11' RT	902.97
4412	61+78.94	22.50' RT	903.11	4425	61+67.98	27.81' RT	902.83

CURB RAMP POINTS BIRCH NE			
POINT NO.	STATION	OFFSET	ELEVATION
4200	61+58.22	39.92' LT	905.40
4201	61+59.45	33.08' LT	904.72
4202	61+62.99	27.04' LT	904.16
4203	61+64.10	25.83' LT	904.18
4204	61+72.19	20.93' LT	904.30
4205	61+78.22	20.00' LT	904.38
4206	61+60.90	37.50' LT	905.55
4207	61+62.41	32.50' LT	904.55
4208	61+65.97	27.50' LT	904.20
4209	61+69.03	25.10' LT	904.42
4210	61+70.56	24.27' LT	904.43
4211	61+72.62	23.42' LT	904.27
4212	61+77.62	22.51' LT	904.29
4213	61+82.62	22.50' LT	904.89
4214	61+65.97	32.50' LT	904.56
4215	61+72.62	27.50' LT	904.55
4216	61+72.62	32.50' LT	904.63
4217	61+72.53	42.50' LT	907.29
4218	61+77.45	42.50' LT	907.30
4219	61+77.62	32.50' LT	904.66
4220	61+77.62	27.50' LT	904.59
4221	61+77.62	23.42' LT	904.30
4222	61+87.62	27.50' LT	906.23
4223	61+87.62	32.50' LT	906.30
4224	61+58.83	35.10' LT	904.93
4225	61+60.64	30.46' LT	904.45
4226	61+67.37	23.20' LT	904.23
4227	61+76.75	20.05' LT	904.36
4228	61+67.97	32.50' LT	904.62
4229	61+67.98	27.50' LT	904.26





STH 33

BIRCH ST

10+00

STH 33 62+

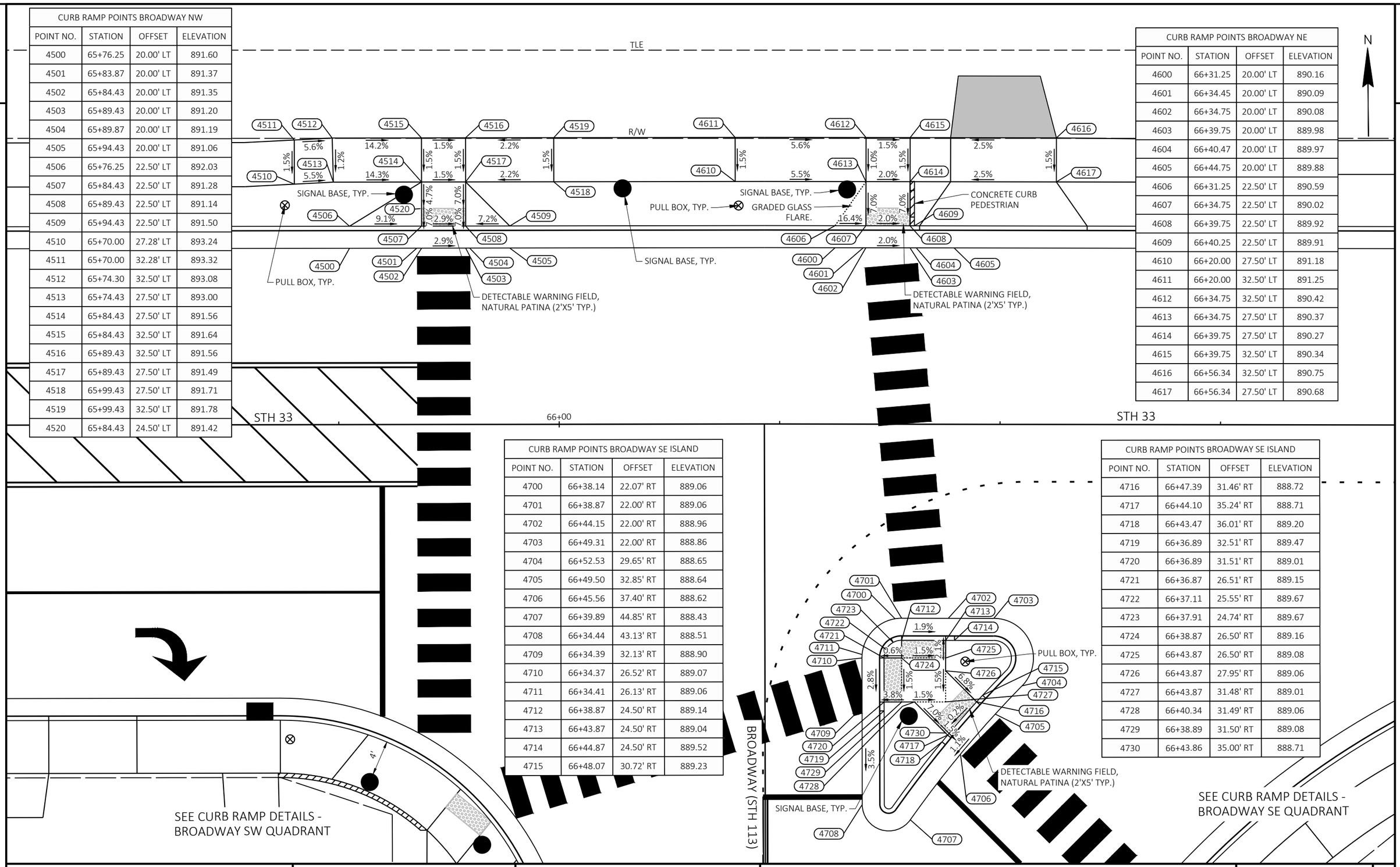
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - BIRCH ST	SHEET 36	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 13

PLOT DATE : 4/28/2023 2:55 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

CURB RAMP POINTS BROADWAY NW			
POINT NO.	STATION	OFFSET	ELEVATION
4500	65+76.25	20.00' LT	891.60
4501	65+83.87	20.00' LT	891.37
4502	65+84.43	20.00' LT	891.35
4503	65+89.43	20.00' LT	891.20
4504	65+89.87	20.00' LT	891.19
4505	65+94.43	20.00' LT	891.06
4506	65+76.25	22.50' LT	892.03
4507	65+84.43	22.50' LT	891.28
4508	65+89.43	22.50' LT	891.14
4509	65+94.43	22.50' LT	891.50
4510	65+70.00	27.28' LT	893.24
4511	65+70.00	32.28' LT	893.32
4512	65+74.30	32.50' LT	893.08
4513	65+74.43	27.50' LT	893.00
4514	65+84.43	27.50' LT	891.56
4515	65+84.43	32.50' LT	891.64
4516	65+89.43	32.50' LT	891.56
4517	65+89.43	27.50' LT	891.49
4518	65+99.43	27.50' LT	891.71
4519	65+99.43	32.50' LT	891.78
4520	65+84.43	24.50' LT	891.42



CURB RAMP POINTS BROADWAY NE			
POINT NO.	STATION	OFFSET	ELEVATION
4600	66+31.25	20.00' LT	890.16
4601	66+34.45	20.00' LT	890.09
4602	66+34.75	20.00' LT	890.08
4603	66+39.75	20.00' LT	889.98
4604	66+40.47	20.00' LT	889.97
4605	66+44.75	20.00' LT	889.88
4606	66+31.25	22.50' LT	890.59
4607	66+34.75	22.50' LT	890.02
4608	66+39.75	22.50' LT	889.92
4609	66+40.25	22.50' LT	889.91
4610	66+20.00	27.50' LT	891.18
4611	66+20.00	32.50' LT	891.25
4612	66+34.75	32.50' LT	890.42
4613	66+34.75	27.50' LT	890.37
4614	66+39.75	27.50' LT	890.27
4615	66+39.75	32.50' LT	890.34
4616	66+56.34	32.50' LT	890.75
4617	66+56.34	27.50' LT	890.68

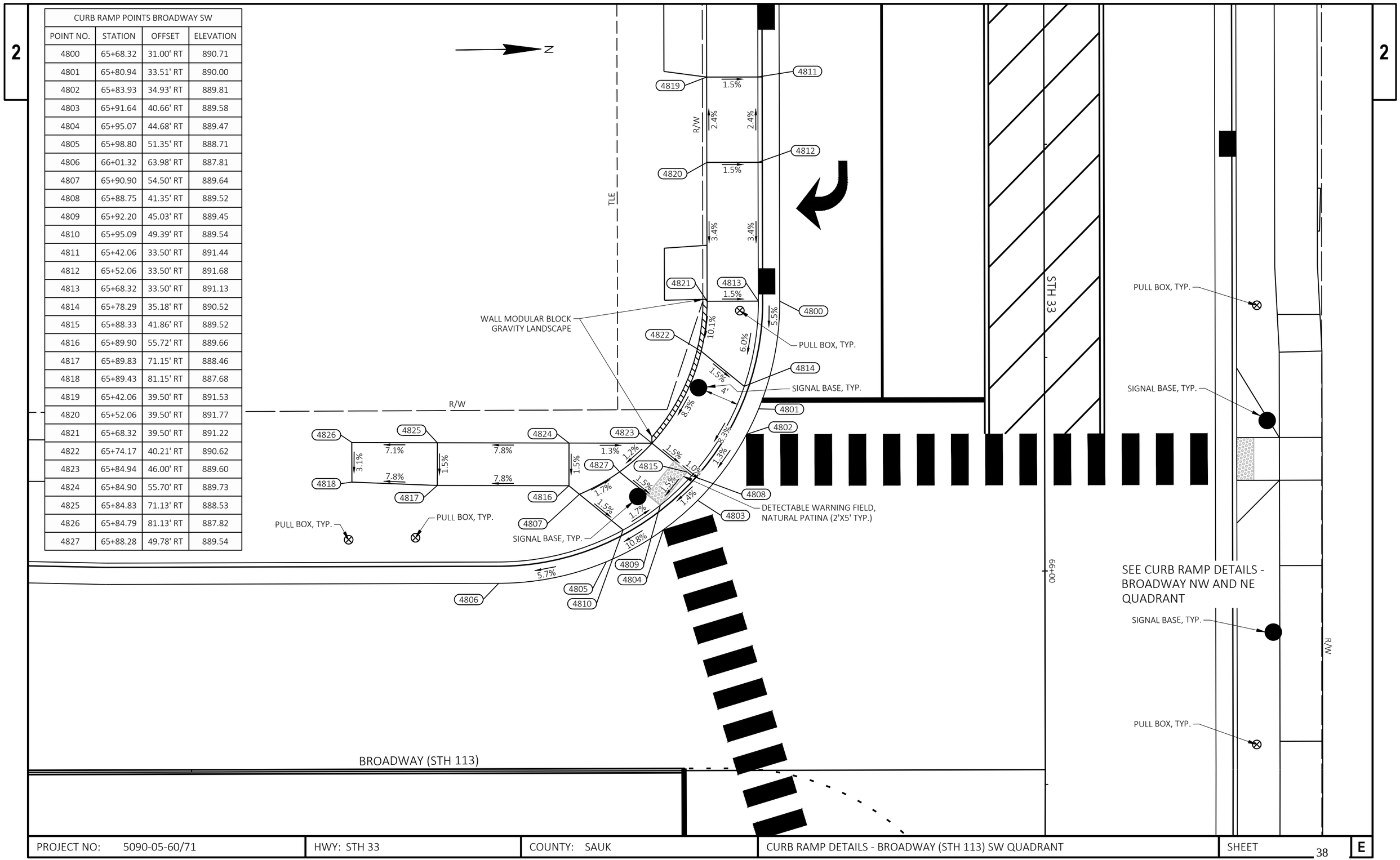
CURB RAMP POINTS BROADWAY SE ISLAND			
POINT NO.	STATION	OFFSET	ELEVATION
4700	66+38.14	22.07' RT	889.06
4701	66+38.87	22.00' RT	889.06
4702	66+44.15	22.00' RT	888.96
4703	66+49.31	22.00' RT	888.86
4704	66+52.53	29.65' RT	888.65
4705	66+49.50	32.85' RT	888.64
4706	66+45.56	37.40' RT	888.62
4707	66+39.89	44.85' RT	888.43
4708	66+34.44	43.13' RT	888.51
4709	66+34.39	32.13' RT	888.90
4710	66+34.37	26.52' RT	889.07
4711	66+34.41	26.13' RT	889.06
4712	66+38.87	24.50' RT	889.14
4713	66+43.87	24.50' RT	889.04
4714	66+44.87	24.50' RT	889.52
4715	66+48.07	30.72' RT	889.23

CURB RAMP POINTS BROADWAY SE ISLAND			
POINT NO.	STATION	OFFSET	ELEVATION
4716	66+47.39	31.46' RT	888.72
4717	66+44.10	35.24' RT	888.71
4718	66+43.47	36.01' RT	889.20
4719	66+36.89	32.51' RT	889.47
4720	66+36.89	31.51' RT	889.01
4721	66+36.87	26.51' RT	889.15
4722	66+37.11	25.55' RT	889.67
4723	66+37.91	24.74' RT	889.67
4724	66+38.87	26.50' RT	889.16
4725	66+43.87	26.50' RT	889.08
4726	66+43.87	27.95' RT	889.06
4727	66+43.87	31.48' RT	889.01
4728	66+40.34	31.49' RT	889.06
4729	66+38.89	31.50' RT	889.08
4730	66+43.86	35.00' RT	888.71

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - BROADWAY (STH 113) NW AND NE QUADRANT AND SE ISLAND	SHEET 37	E

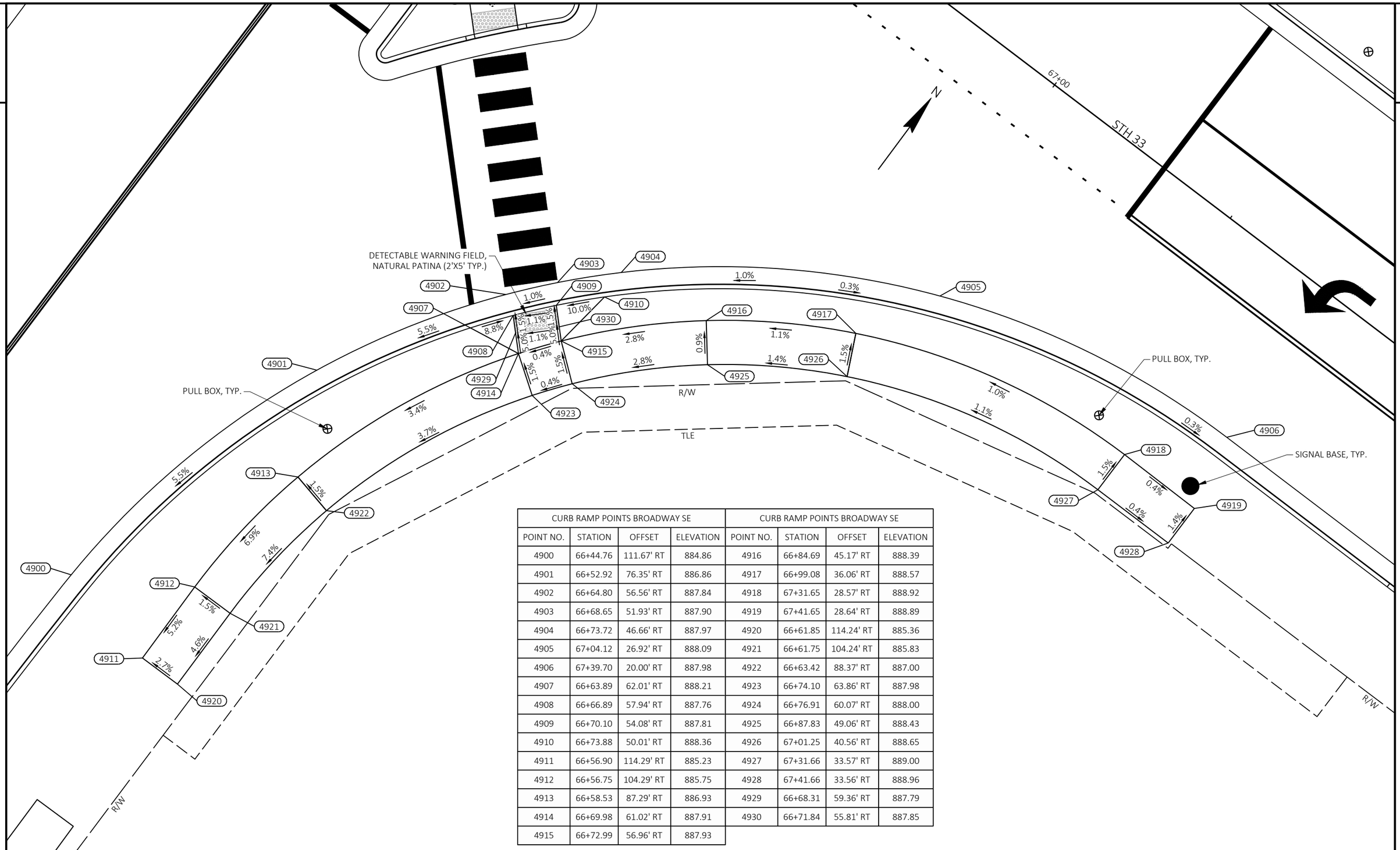
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 14
PLOT DATE : 4/28/2023 2:55 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

CURB RAMP POINTS BROADWAY SW			
POINT NO.	STATION	OFFSET	ELEVATION
4800	65+68.32	31.00' RT	890.71
4801	65+80.94	33.51' RT	890.00
4802	65+83.93	34.93' RT	889.81
4803	65+91.64	40.66' RT	889.58
4804	65+95.07	44.68' RT	889.47
4805	65+98.80	51.35' RT	888.71
4806	66+01.32	63.98' RT	887.81
4807	65+90.90	54.50' RT	889.64
4808	65+88.75	41.35' RT	889.52
4809	65+92.20	45.03' RT	889.45
4810	65+95.09	49.39' RT	889.54
4811	65+42.06	33.50' RT	891.44
4812	65+52.06	33.50' RT	891.68
4813	65+68.32	33.50' RT	891.13
4814	65+78.29	35.18' RT	890.52
4815	65+88.33	41.86' RT	889.52
4816	65+89.90	55.72' RT	889.66
4817	65+89.83	71.15' RT	888.46
4818	65+89.43	81.15' RT	887.68
4819	65+42.06	39.50' RT	891.53
4820	65+52.06	39.50' RT	891.77
4821	65+68.32	39.50' RT	891.22
4822	65+74.17	40.21' RT	890.62
4823	65+84.94	46.00' RT	889.60
4824	65+84.90	55.70' RT	889.73
4825	65+84.83	71.13' RT	888.53
4826	65+84.79	81.13' RT	887.82
4827	65+88.28	49.78' RT	889.54



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - BROADWAY (STH 113) SW QUADRANT	SHEET 38	E

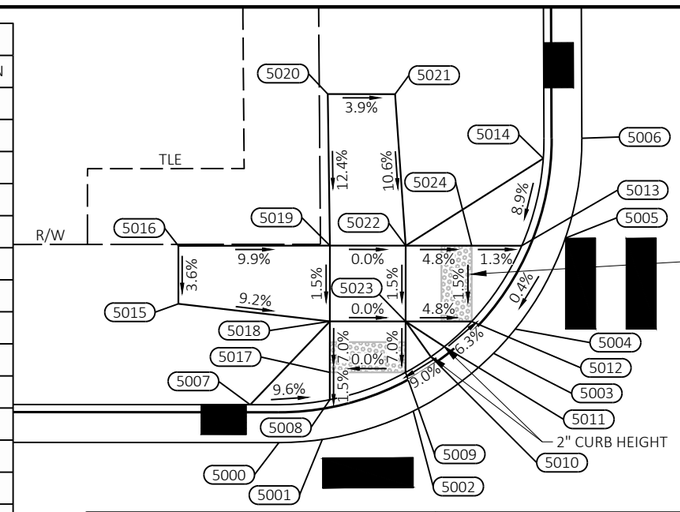
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 15
PLOT DATE : 4/28/2023 2:55 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

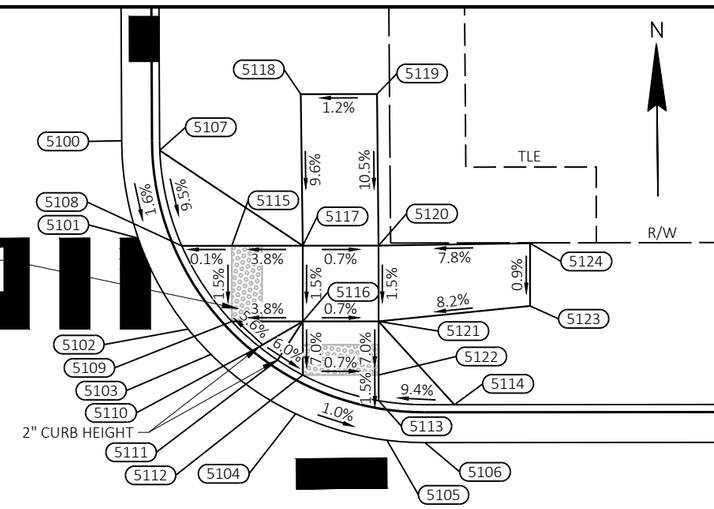


CURB RAMP POINTS BROADWAY SE				CURB RAMP POINTS BROADWAY SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
4900	66+44.76	111.67' RT	884.86	4916	66+84.69	45.17' RT	888.39
4901	66+52.92	76.35' RT	886.86	4917	66+99.08	36.06' RT	888.57
4902	66+64.80	56.56' RT	887.84	4918	67+31.65	28.57' RT	888.92
4903	66+68.65	51.93' RT	887.90	4919	67+41.65	28.64' RT	888.89
4904	66+73.72	46.66' RT	887.97	4920	66+61.85	114.24' RT	885.36
4905	67+04.12	26.92' RT	888.09	4921	66+61.75	104.24' RT	885.83
4906	67+39.70	20.00' RT	887.98	4922	66+63.42	88.37' RT	887.00
4907	66+63.89	62.01' RT	888.21	4923	66+74.10	63.86' RT	887.98
4908	66+66.89	57.94' RT	887.76	4924	66+76.91	60.07' RT	888.00
4909	66+70.10	54.08' RT	887.81	4925	66+87.83	49.06' RT	888.43
4910	66+73.88	50.01' RT	888.36	4926	67+01.25	40.56' RT	888.65
4911	66+56.90	114.29' RT	885.23	4927	67+31.66	33.57' RT	889.00
4912	66+56.75	104.29' RT	885.75	4928	67+41.66	33.56' RT	888.96
4913	66+58.53	87.29' RT	886.93	4929	66+68.31	59.36' RT	887.79
4914	66+69.98	61.02' RT	887.91	4930	66+71.84	55.81' RT	887.85
4915	66+72.99	56.96' RT	887.93				

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - BROADWAY (STH 113) SE QUADRANT	SHEET 39	E

CURB RAMP POINTS OAK NW			
POINT NO.	STATION	OFFSET	ELEVATION
5000	70+57.64	20.00' LT	887.37
5001	70+60.51	20.21' LT	887.38
5002	70+66.51	22.08' LT	887.41
5003	70+71.80	25.90' LT	887.44
5004	70+73.23	27.50' LT	887.45
5005	70+76.54	33.50' LT	887.48
5006	70+77.62	40.10' LT	887.51
5007	70+55.75	22.50' LT	887.81
5008	70+61.00	22.83' LT	887.31
5009	70+66.00	24.64' LT	887.34
5010	70+67.67	25.67' LT	887.51
5011	70+68.55	26.33' LT	887.52
5012	70+70.36	28.00' LT	887.36
5013	70+73.66	33.00' LT	887.39
5014	70+75.08	38.76' LT	887.92
5015	70+51.00	29.16' LT	888.50
5016	70+51.00	32.98' LT	888.64
5017	70+61.00	24.64' LT	887.34
5018	70+61.00	28.00' LT	887.57
5019	70+61.00	33.00' LT	887.65
5020	70+60.85	43.00' LT	888.88
5021	70+65.29	43.00' LT	888.71
5022	70+66.00	33.00' LT	887.65
5023	70+66.00	28.00' LT	887.57
5024	70+70.36	33.00' LT	887.44





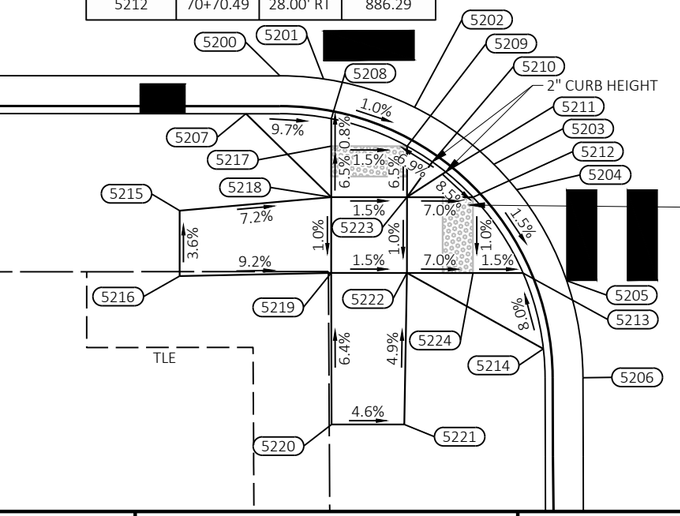
DETECTABLE WARNING FIELD, NATURAL PATINA (2'X5' TYP.)

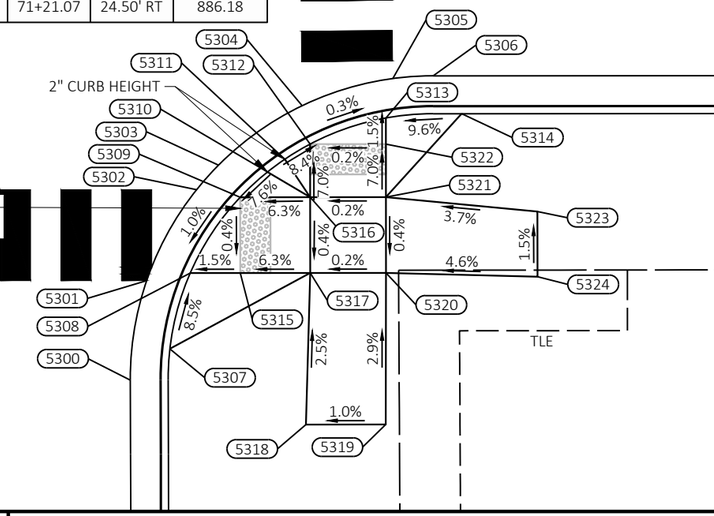
OAK ST

STH 33

10-00

CURB RAMP POINTS OAK SW				CURB RAMP POINTS OAK SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
5200	70+57.75	20.00' RT	886.55	5213	70+73.79	33.00' RT	886.19
5201	70+60.62	20.21' RT	886.52	5214	70+75.14	38.00' RT	886.60
5202	70+66.63	22.08' RT	886.46	5215	70+51.13	28.90' RT	887.39
5203	70+71.86	25.82' RT	886.38	5216	70+51.13	33.21' RT	887.54
5204	70+73.36	27.50' RT	886.34	5217	70+61.13	24.64' RT	886.45
5205	70+76.66	33.50' RT	886.24	5218	70+61.13	28.00' RT	886.67
5206	70+77.75	39.90' RT	886.15	5219	70+61.13	33.00' RT	886.62
5207	70+55.50	22.50' RT	886.98	5220	70+61.17	43.00' RT	887.25
5208	70+61.13	22.83' RT	886.43	5221	70+65.97	43.00' RT	887.03
5209	70+66.13	24.64' RT	886.37	5222	70+66.13	33.00' RT	886.54
5210	70+67.80	25.67' RT	886.51	5223	70+66.13	28.00' RT	886.59
5211	70+68.68	26.33' RT	886.49	5224	70+70.49	33.00' RT	886.24
5212	70+70.49	28.00' RT	886.29				





DETECTABLE WARNING FIELD, NATURAL PATINA (2'X5' TYP.)

OAK ST

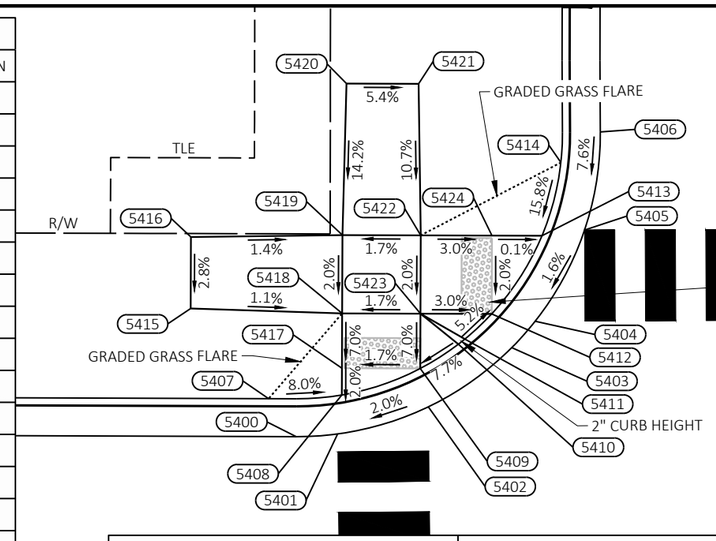
CURB RAMP POINTS OAK SE				CURB RAMP POINTS OAK SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
5300	71+09.19	40.06' RT	886.07	5313	71+26.07	22.78' RT	886.16
5301	71+10.28	33.50' RT	886.13	5314	71+31.07	22.50' RT	886.64
5302	71+13.58	27.50' RT	886.20	5315	71+16.45	33.00' RT	886.12
5303	71+15.03	25.88' RT	886.22	5316	71+21.07	28.00' RT	886.42
5304	71+20.55	21.97' RT	886.26	5317	71+21.07	33.00' RT	886.41
5305	71+26.53	20.18' RT	886.24	5318	71+20.78	43.00' RT	886.65
5306	71+29.19	20.00' RT	886.23	5319	71+26.05	43.00' RT	886.71
5307	71+11.81	38.00' RT	886.51	5320	71+26.07	33.00' RT	886.41
5308	71+13.15	33.00' RT	886.07	5321	71+26.07	28.00' RT	886.43
5309	71+16.45	28.00' RT	886.13	5322	71+26.07	24.50' RT	886.19
5310	71+18.26	26.33' RT	886.32	5323	71+36.07	28.96' RT	886.81
5311	71+19.40	25.49' RT	886.34	5324	71+36.07	33.26' RT	886.87
5312	71+21.07	24.50' RT	886.18				

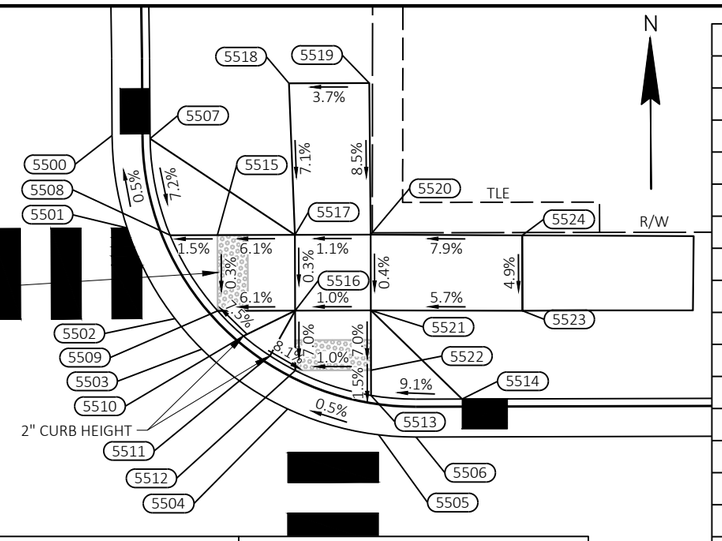
CURB RAMP POINTS OAK NE			
POINT NO.	STATION	OFFSET	ELEVATION
5100	71+08.68	39.94' LT	887.40
5101	71+09.76	33.50' LT	887.30
5102	71+13.07	27.50' LT	887.22
5103	71+14.56	25.83' LT	887.19
5104	71+20.15	21.91' LT	887.12
5105	71+26.17	20.16' LT	887.06
5106	71+28.68	20.00' LT	887.04
5107	71+11.19	39.30' LT	887.81
5108	71+12.64	33.00' LT	887.19
5109	71+15.94	28.00' LT	887.12
5110	71+17.75	26.33' LT	887.26
5111	71+18.96	25.45' LT	887.24
5112	71+20.63	24.46' LT	887.05
5113	71+25.63	22.77' LT	886.99
5114	71+30.63	22.50' LT	887.46
5115	71+15.94	33.00' LT	887.19
5116	71+20.63	28.00' LT	887.30
5117	71+20.63	33.00' LT	887.37
5118	71+20.51	43.00' LT	888.33
5119	71+25.54	43.00' LT	888.39
5120	71+25.63	33.00' LT	887.34
5121	71+25.63	28.00' LT	887.26
5122	71+25.63	24.46' LT	887.02
5123	71+35.63	29.01' LT	888.09
5124	71+35.63	33.15' LT	888.12

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - OAK ST	SHEET 40	E

2

CURB RAMP POINTS ASH NW			
POINT NO.	STATION	OFFSET	ELEVATION
5400	75+22.21	20.00' LT	892.72
5401	75+24.94	20.19' LT	892.77
5402	75+30.92	22.00' LT	892.90
5403	75+36.41	25.92' LT	893.01
5404	75+37.95	27.67' LT	893.05
5405	75+41.19	33.69' LT	893.16
5406	75+42.21	40.17' LT	893.58
5407	75+20.38	22.50' LT	893.09
5408	75+25.21	22.76' LT	892.70
5409	75+30.38	24.52' LT	892.83
5410	75+32.89	26.14' LT	893.06
5411	75+33.32	26.48' LT	893.07
5412	75+35.08	28.14' LT	892.94
5413	75+38.38	33.31' LT	893.04
5414	75+39.61	38.14' LT	893.83
5415	75+15.21	28.44' LT	893.11
5416	75+15.21	33.15' LT	893.24
5417	75+25.21	24.52' LT	892.74
5418	75+25.21	28.14' LT	892.99
5419	75+25.21	33.31' LT	893.10
5420	75+25.45	43.31' LT	894.51
5421	75+30.20	43.31' LT	894.26
5422	75+30.38	33.31' LT	893.19
5423	75+30.38	28.14' LT	893.08
5424	75+35.08	33.31' LT	893.05





DETECTABLE WARNING FIELD, NATURAL PATINA (2'X5' TYP.)

ASH ST

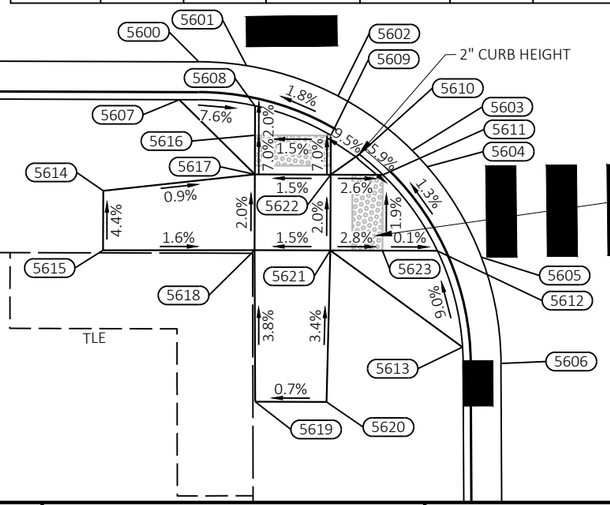
STH 33

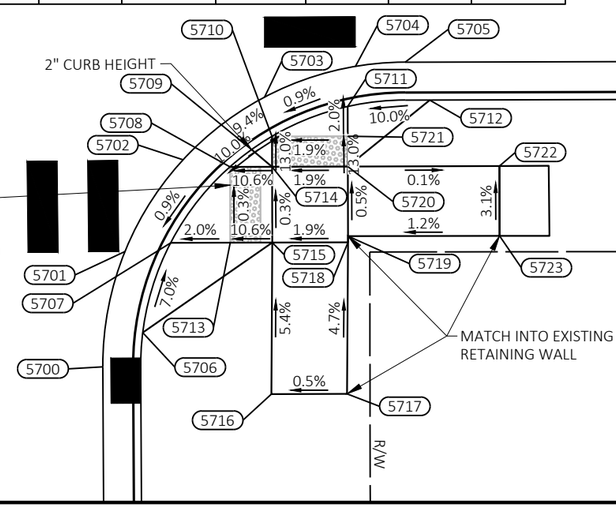
10+00

CURB RAMP POINTS ASH SW				CURB RAMP POINTS ASH SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
5600	75+22.39	20.00' RT	892.71	5612	75+38.16	32.41' RT	893.01
5601	75+25.54	20.25' RT	892.77	5613	75+39.85	38.76' RT	893.60
5602	75+31.57	22.23' RT	892.89	5614	75+16.11	28.53' RT	893.02
5603	75+36.47	25.80' RT	893.00	5615	75+16.11	32.46' RT	893.19
5604	75+37.47	26.87' RT	893.02	5616	75+26.11	24.83' RT	892.75
5605	75+41.06	32.82' RT	893.11	5617	75+26.11	27.41' RT	892.93
5606	75+42.39	39.83' RT	893.20	5618	75+26.11	32.41' RT	893.03
5607	75+21.11	22.50' RT	893.09	5619	75+26.18	42.41' RT	893.41
5608	75+26.11	22.90' RT	892.71	5620	75+30.89	42.41' RT	893.44
5609	75+31.11	24.83' RT	892.82	5621	75+31.11	32.41' RT	893.10
5610	75+32.98	26.07' RT	893.04	5622	75+31.11	27.41' RT	893.01
5611	75+34.54	27.41' RT	892.92	5623	75+34.54	32.41' RT	893.01

CURB RAMP POINTS ASH SE				CURB RAMP POINTS ASH SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
5700	75+74.14	40.05' RT	893.74	5712	75+95.76	22.50' RT	894.45
5701	75+75.63	32.43' RT	893.81	5713	75+82.57	31.87' RT	893.82
5702	75+79.48	26.40' RT	893.87	5714	75+85.35	26.87' RT	894.11
5703	75+84.85	22.29' RT	893.93	5715	75+85.35	31.87' RT	894.12
5704	75+90.86	20.27' RT	893.99	5716	75+85.26	41.87' RT	894.66
5705	75+94.14	20.00' RT	894.02	5717	75+90.25	41.87' RT	894.69
5706	75+76.78	37.79' RT	894.18	5718	75+90.35	31.87' RT	894.21
5707	75+78.65	31.87' RT	893.75	5719	75+90.35	31.46' RT	894.22
5708	75+82.57	26.87' RT	893.81	5720	75+90.35	26.87' RT	894.20
5709	75+84.00	25.74' RT	894.00	5721	75+90.35	24.87' RT	893.94
5710	75+85.35	24.87' RT	893.85	5722	76+00.35	26.87' RT	894.19
5711	75+90.35	22.92' RT	893.90	5723	76+00.35	31.48' RT	894.34

CURB RAMP POINTS ASH NE			
POINT NO.	STATION	OFFSET	ELEVATION
5500	75+73.46	39.95' LT	893.89
5501	75+74.42	33.85' LT	893.91
5502	75+77.56	27.86' LT	893.94
5503	75+79.33	25.84' LT	893.96
5504	75+84.99	21.88' LT	893.99
5505	75+90.99	20.15' LT	894.02
5506	75+93.46	20.00' LT	894.03
5507	75+75.96	39.74' LT	894.31
5508	75+77.26	33.36' LT	893.84
5509	75+80.39	28.36' LT	893.87
5510	75+82.09	26.69' LT	894.05
5511	75+83.83	25.38' LT	894.06
5512	75+85.50	24.41' LT	893.91
5513	75+90.50	22.75' LT	893.93
5514	75+96.50	22.50' LT	894.48
5515	75+80.39	33.36' LT	893.89
5516	75+85.50	28.36' LT	894.18
5517	75+85.50	33.36' LT	894.20
5518	75+85.14	43.36' LT	894.91
5519	75+90.43	43.36' LT	895.10
5520	75+90.50	33.36' LT	894.25
5521	75+90.50	28.36' LT	894.23
5522	75+90.50	24.41' LT	893.96
5523	76+00.50	28.32' LT	894.80
5524	76+00.50	33.29' LT	895.04



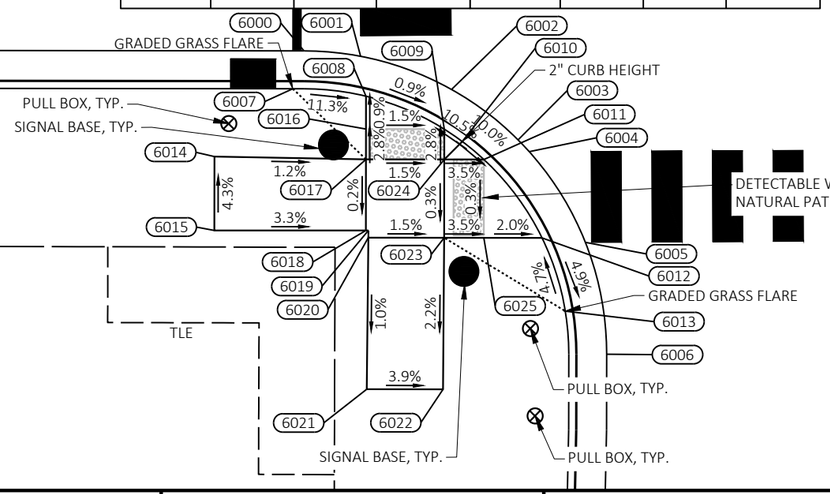


ASH ST

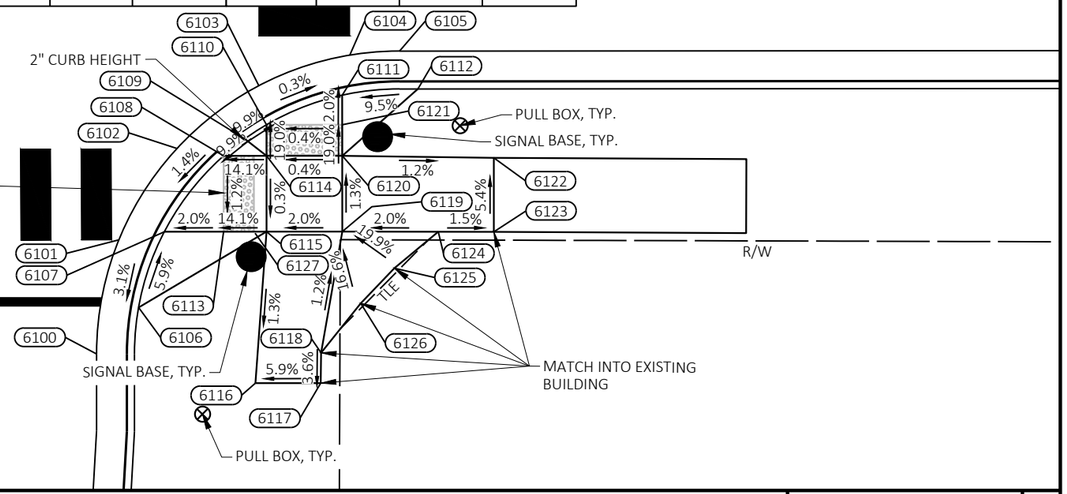
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - ASH ST	SHEET 41	E

CURB RAMP POINTS EAST NW			
POINT NO.	STATION	OFFSET	ELEVATION
5800	79+85.33	20.00' LT	882.60
5801	79+94.78	22.37' LT	882.63
5802	79+99.47	25.86' LT	882.65
5803	80+00.07	26.47' LT	882.65
5804	80+03.85	32.46' LT	882.67
5805	80+05.33	40.01' LT	882.70
5806	79+83.61	22.50' LT	883.06
5807	79+89.26	22.95' LT	882.54
5808	79+94.26	24.95' LT	882.55
5809	79+95.74	25.94' LT	882.73
5810	79+96.99	26.95' LT	882.57
5811	80+00.87	31.95' LT	882.59
5812	80+02.68	37.72' LT	883.11
5813	79+79.26	26.71' LT	883.06
5814	79+79.26	31.84' LT	883.31
5815	79+89.26	24.95' LT	882.57
5816	79+89.26	26.95' LT	882.71
5817	79+89.26	31.95' LT	882.78
5818	79+89.83	41.95' LT	883.42
5819	79+94.38	41.95' LT	883.32
5820	79+94.26	31.95' LT	882.77
5821	79+94.26	26.95' LT	882.69
5822	79+96.99	31.95' LT	882.64

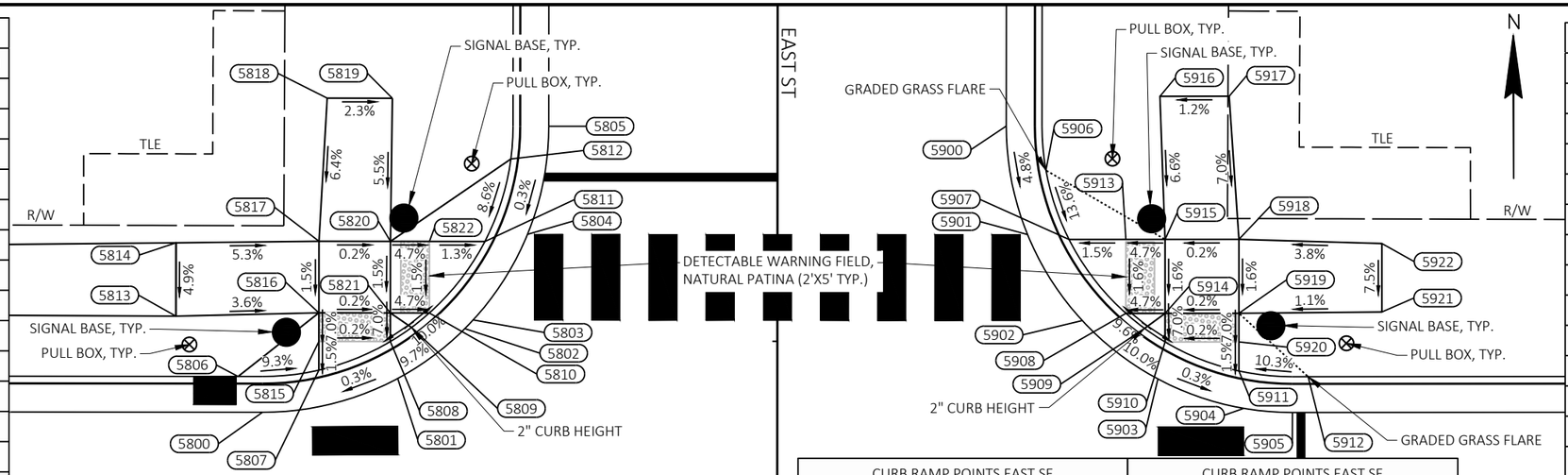
CURB RAMP POINTS EAST SW				CURB RAMP POINTS EAST SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
6000	79+85.35	20.00' RT	882.43	6013	80+02.62	37.16' RT	882.36
6001	79+89.08	20.35' RT	882.40	6014	79+79.45	26.99' RT	882.50
6002	79+95.10	22.54' RT	882.34	6015	79+79.45	31.86' RT	882.71
6003	79+99.49	25.86' RT	882.29	6016	79+89.45	25.16' RT	882.33
6004	80+00.23	26.64' RT	882.28	6017	79+89.45	27.16' RT	882.38
6005	80+03.94	32.61' RT	882.14	6018	79+89.45	31.85' RT	882.38
6006	80+05.35	39.99' RT	881.79	6019	79+89.62	31.85' RT	882.37
6007	79+84.62	22.50' RT	882.86	6020	79+89.61	32.32' RT	882.37
6008	79+89.45	22.99' RT	882.31	6021	79+89.52	42.32' RT	882.27
6009	79+94.62	25.16' RT	882.25	6022	79+94.56	42.32' RT	882.07
6010	79+95.81	25.97' RT	882.40	6023	79+94.62	32.32' RT	882.29
6011	79+97.24	27.16' RT	882.22	6024	79+94.62	27.16' RT	882.31
6012	80+01.08	32.32' RT	882.12	6025	79+97.24	32.32' RT	882.20



CURB RAMP POINTS EAST SE				CURB RAMP POINTS EAST SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
6100	80+37.28	39.97' RT	881.56	6114	80+48.50	26.91' RT	882.31
6101	80+38.76	32.43' RT	881.77	6115	80+48.50	31.91' RT	882.30
6102	80+42.59	26.42' RT	881.97	6116	80+47.75	41.91' RT	882.17
6103	80+48.00	22.28' RT	882.00	6117	80+52.07	41.91' RT	882.42
6104	80+54.00	20.27' RT	881.98	6118	80+52.09	39.91' RT	882.49
6105	80+57.28	20.00' RT	881.97	6119	80+53.50	31.91' RT	882.40
6106	80+40.05	36.91' RT	882.09	6120	80+53.50	26.91' RT	882.33
6107	80+41.76	31.91' RT	881.78	6121	80+53.50	24.86' RT	881.95
6108	80+45.67	26.91' RT	881.91	6122	80+63.50	27.05' RT	882.21
6109	80+47.07	25.79' RT	882.09	6123	80+63.50	31.93' RT	882.47
6110	80+48.50	24.86' RT	881.92	6124	80+59.83	31.92' RT	882.53
6111	80+53.50	22.91' RT	881.91	6125	80+56.93	34.33' RT	883.23
6112	80+58.50	22.50' RT	882.38	6126	80+54.71	36.64' RT	883.21
6113	80+45.67	31.91' RT	881.86	6127	80+47.67	31.91' RT	882.14

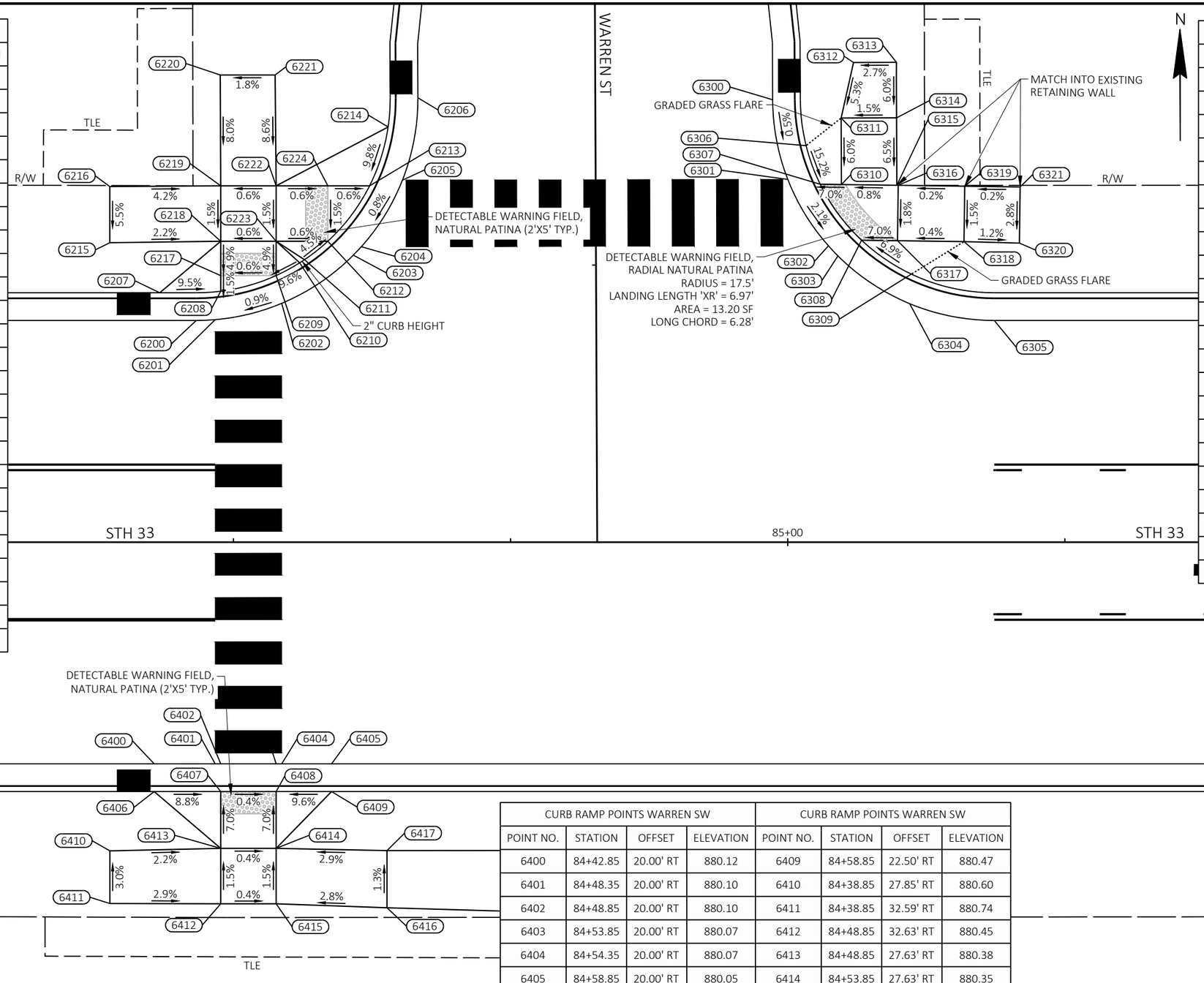


CURB RAMP POINTS EAST NE			
POINT NO.	STATION	OFFSET	ELEVATION
5900	80+37.40	40.03' LT	882.45
5901	80+38.88	32.44' LT	882.14
5902	80+42.70	26.44' LT	882.07
5903	80+48.00	22.35' LT	882.05
5904	80+54.00	20.29' LT	882.03
5905	80+57.40	20.00' LT	882.02
5906	80+40.17	36.93' LT	882.70
5907	80+41.79	32.10' LT	882.01
5908	80+45.76	26.93' LT	881.99
5909	80+47.06	25.88' LT	882.15
5910	80+48.50	24.93' LT	881.97
5911	80+53.67	22.90' LT	881.95
5912	80+58.50	22.50' LT	882.45
5913	80+45.76	32.10' LT	882.07
5914	80+48.50	26.93' LT	882.11
5915	80+48.50	32.10' LT	882.20
5916	80+48.15	42.10' LT	882.86
5917	80+52.99	42.10' LT	882.92
5918	80+53.67	32.10' LT	882.21
5919	80+53.67	26.93' LT	882.12
5920	80+53.67	24.93' LT	881.98
5921	80+63.67	27.02' LT	882.23
5922	80+63.67	31.80' LT	882.59



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - EAST ST	SHEET 42	E

CURB RAMP POINTS WARREN NW			
POINT NO.	STATION	OFFSET	ELEVATION
6200	84+46.64	20.00' LT	880.39
6201	84+48.35	20.07' LT	880.39
6202	84+54.35	21.54' LT	880.44
6203	84+60.81	25.89' LT	880.58
6204	84+61.53	26.65' LT	880.58
6205	84+65.24	32.66' LT	880.63
6206	84+66.64	40.09' LT	880.69
6207	84+43.35	22.50' LT	880.83
6208	84+48.85	22.64' LT	880.31
6209	84+53.85	24.05' LT	880.37
6210	84+55.97	25.20' LT	880.60
6211	84+56.41	25.48' LT	880.61
6212	84+58.52	27.15' LT	880.49
6213	84+62.28	32.15' LT	880.54
6214	84+63.95	37.46' LT	881.09
6215	84+38.85	27.02' LT	880.70
6216	84+38.85	32.08' LT	880.98
6217	84+48.85	24.05' LT	880.34
6218	84+48.85	27.15' LT	880.49
6219	84+48.85	32.15' LT	880.56
6220	84+48.81	42.15' LT	881.36
6221	84+53.76	42.15' LT	881.45
6222	84+53.85	32.15' LT	880.59
6223	84+53.85	27.15' LT	880.52
6224	84+58.52	32.15' LT	880.57



CURB RAMP POINTS WARREN NE			
POINT NO.	STATION	OFFSET	ELEVATION
6300	84+98.64	39.91' LT	880.60
6301	85+00.01	32.73' LT	880.55
6302	85+03.67	26.73' LT	880.41
6303	85+04.53	25.83' LT	880.39
6304	85+11.01	21.51' LT	880.23
6305	85+18.64	20.00' LT	880.07
6306	85+01.66	35.77' LT	881.00
6307	85+02.93	32.29' LT	880.44
6308	85+06.66	27.24' LT	880.29
6309	85+11.16	24.18' LT	880.67
6310	85+04.84	32.26' LT	880.57
6311	85+04.82	38.26' LT	880.93
6312	85+05.93	43.27' LT	881.20
6313	85+09.81	43.28' LT	881.31
6314	85+09.82	38.28' LT	881.01
6315	85+09.84	32.20' LT	880.61
6316	85+09.97	32.20' LT	880.61
6317	85+09.90	27.20' LT	880.52
6318	85+15.90	27.12' LT	880.55
6319	85+15.97	32.12' LT	880.62
6320	85+20.90	26.98' LT	880.48
6321	85+20.97	32.05' LT	880.63

CURB RAMP POINTS WARREN SW			
POINT NO.	STATION	OFFSET	ELEVATION
6400	84+42.85	20.00' RT	880.12
6401	84+48.35	20.00' RT	880.10
6402	84+48.85	20.00' RT	880.10
6403	84+53.85	20.00' RT	880.07
6404	84+54.35	20.00' RT	880.07
6405	84+58.85	20.00' RT	880.05
6406	84+42.85	22.50' RT	880.54
6407	84+48.85	22.50' RT	880.02
6408	84+53.85	22.50' RT	880.00

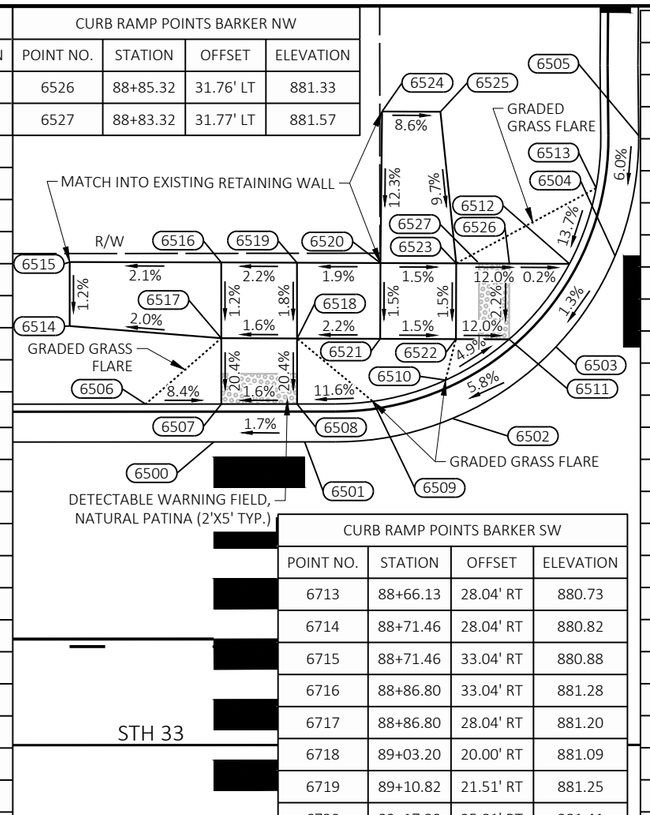
CURB RAMP POINTS WARREN SW			
POINT NO.	STATION	OFFSET	ELEVATION
6409	84+58.85	22.50' RT	880.47
6410	84+38.85	27.85' RT	880.60
6411	84+38.85	32.59' RT	880.74
6412	84+48.85	32.63' RT	880.45
6413	84+48.85	27.63' RT	880.38
6414	84+53.85	27.63' RT	880.35
6415	84+53.85	32.63' RT	880.43
6416	84+63.85	32.98' RT	880.71
6417	84+63.85	27.82' RT	880.64

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - WARREN ST	SHEET 43	E

2

CURB RAMP POINTS BARKER NW			
POINT NO.	STATION	OFFSET	ELEVATION
6500	88+65.80	20.00' LT	880.70
6501	88+71.80	20.00' LT	880.79
6502	88+81.55	21.54' LT	881.02
6503	88+88.38	26.26' LT	881.34
6504	88+92.29	32.26' LT	881.43
6505	88+93.85	40.20' LT	881.87
6506	88+61.30	22.50' LT	881.06
6507	88+66.30	22.50' LT	880.64
6508	88+71.30	22.50' LT	880.72
6509	88+76.30	22.67' LT	881.30
6509 (1)	92+35.99	27.39' LT	881.33
6510	88+81.10	24.07' LT	881.47
6511	88+85.29	26.76' LT	881.23
6512	88+89.28	31.75' LT	881.33
6513	88+91.04	36.74' LT	882.05
6514	88+56.30	27.65' LT	881.32
6515	88+56.30	31.88' LT	881.37
6516	88+66.30	31.85' LT	881.59
6517	88+66.30	26.85' LT	881.52
6518	88+71.30	26.82' LT	881.60
6519	88+71.30	31.82' LT	881.69
6520	88+76.80	31.80' LT	881.80
6521	88+76.78	26.80' LT	881.72
6522	88+81.78	26.78' LT	881.65
6523	88+81.80	31.78' LT	881.72
6524	88+76.91	41.80' LT	883.03
6525	88+80.76	41.78' LT	882.70

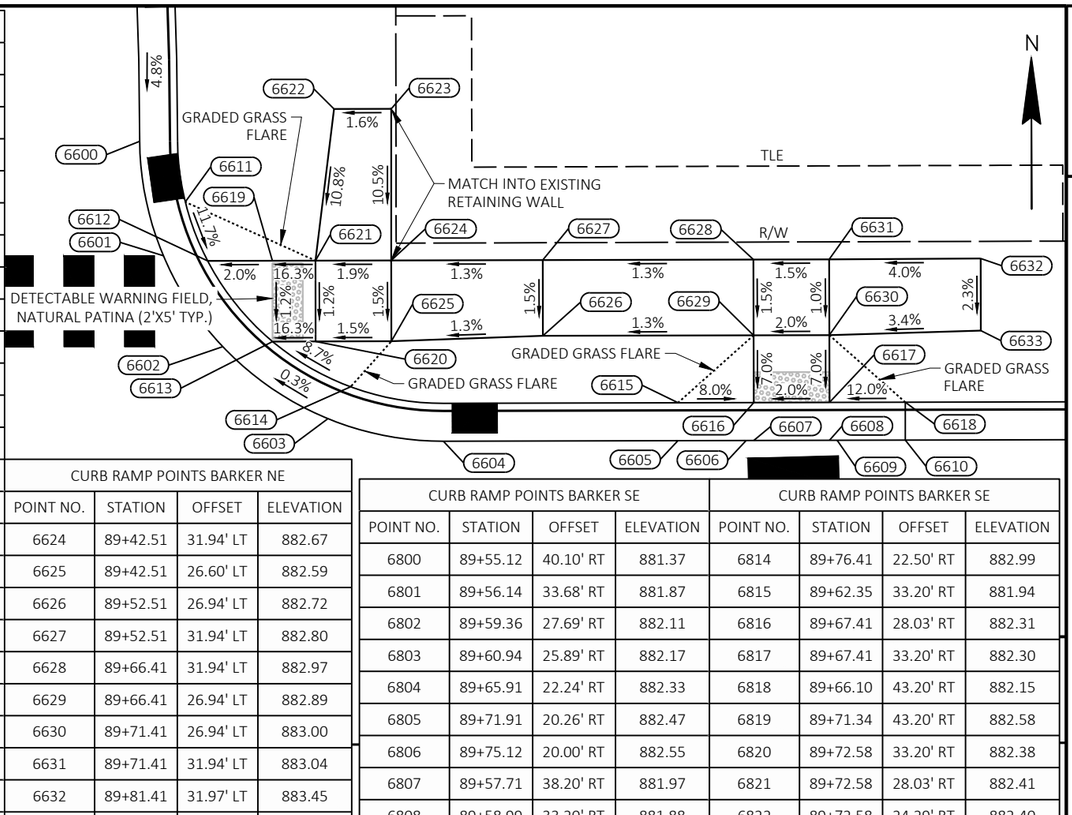
CURB RAMP POINTS BARKER NW			
POINT NO.	STATION	OFFSET	ELEVATION
6526	88+85.32	31.76' LT	881.33
6527	88+83.32	31.77' LT	881.57



CURB RAMP POINTS BARKER SW			
POINT NO.	STATION	OFFSET	ELEVATION
6713	88+66.13	28.04' RT	880.73
6714	88+71.46	28.04' RT	880.82
6715	88+71.46	33.04' RT	880.88
6716	88+86.80	33.04' RT	881.28
6717	88+86.80	28.04' RT	881.20
6718	89+03.20	20.00' RT	881.09
6719	89+10.82	21.51' RT	881.25
6720	89+17.29	25.81' RT	881.41
6721	89+18.89	27.60' RT	881.45
6722	89+22.15	33.60' RT	881.30
6723	89+23.20	39.86' RT	881.04
6724	89+11.65	24.68' RT	881.71
6725	89+15.97	28.04' RT	881.34

CURB RAMP POINTS BARKER NE			
POINT NO.	STATION	OFFSET	ELEVATION
6600	89+25.85	39.81' LT	882.12
6601	89+27.41	32.26' LT	882.10
6602	89+31.33	26.26' LT	882.12
6603	89+38.27	21.51' LT	882.15
6604	89+45.93	20.00' LT	882.23
6605	89+61.41	20.00' LT	882.55
6606	89+65.91	20.00' LT	882.64
6607	89+66.41	20.00' LT	882.65
6608	89+71.41	20.00' LT	882.75
6609	89+71.91	20.00' LT	882.76
6610	89+76.41	20.00' LT	882.85
6611	89+28.86	35.81' LT	882.51
6612	89+30.33	31.92' LT	882.03
6613	89+34.62	26.60' LT	882.05
6614	89+39.81	23.60' LT	882.57
6615	89+61.41	22.50' LT	882.98
6616	89+66.41	22.50' LT	882.58
6617	89+71.41	22.50' LT	882.69
6618	89+76.41	22.50' LT	883.29
6619	89+34.61	31.93' LT	882.11
6620	89+37.46	26.60' LT	882.52
6621	89+37.45	31.93' LT	882.58
6622	89+38.68	41.94' LT	883.66
6623	89+42.54	41.94' LT	883.72

CURB RAMP POINTS BARKER NE			
POINT NO.	STATION	OFFSET	ELEVATION
6624	89+42.51	31.94' LT	882.67
6625	89+42.51	26.60' LT	882.59
6626	89+52.51	26.94' LT	882.72
6627	89+52.51	31.94' LT	882.80
6628	89+66.41	31.94' LT	882.97
6629	89+66.41	26.94' LT	882.89
6630	89+71.41	26.94' LT	883.00
6631	89+71.41	31.94' LT	883.04
6632	89+81.41	31.97' LT	883.45
6633	89+81.41	27.21' LT	883.34

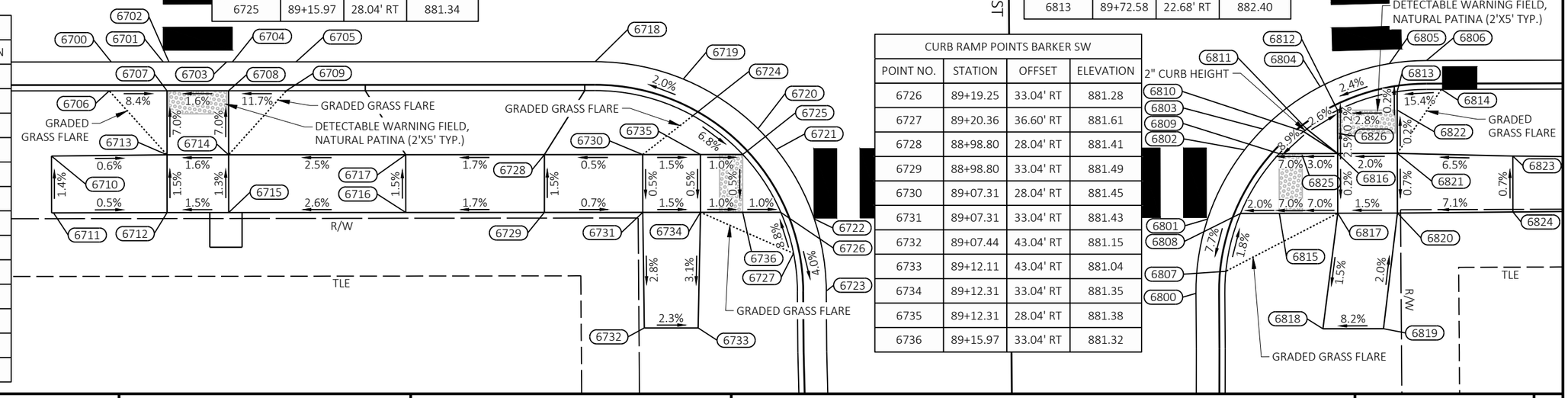


CURB RAMP POINTS BARKER SE			
POINT NO.	STATION	OFFSET	ELEVATION
6800	89+55.12	40.10' RT	881.37
6801	89+56.14	33.68' RT	881.87
6802	89+59.36	27.69' RT	882.11
6803	89+60.94	25.89' RT	882.17
6804	89+65.91	22.24' RT	882.33
6805	89+71.91	20.26' RT	882.47
6806	89+75.12	20.00' RT	882.55
6807	89+57.71	38.20' RT	881.97
6808	89+58.99	33.20' RT	881.88
6809	89+62.35	28.03' RT	882.08
6810	89+64.47	26.11' RT	882.33
6811	89+64.75	25.90' RT	882.34
6812	89+67.41	24.29' RT	882.26
6813	89+72.58	22.68' RT	882.40

CURB RAMP POINTS BARKER SE			
POINT NO.	STATION	OFFSET	ELEVATION
6814	89+76.41	22.50' RT	882.99
6815	89+62.35	33.20' RT	881.94
6816	89+67.41	28.03' RT	882.31
6817	89+67.41	33.20' RT	882.30
6818	89+66.10	43.20' RT	882.15
6819	89+71.34	43.20' RT	882.58
6820	89+72.58	33.20' RT	882.38
6821	89+72.58	28.03' RT	882.41
6822	89+72.58	24.29' RT	882.40
6823	89+82.58	28.28' RT	883.06
6824	89+82.58	33.13' RT	883.09
6825	89+64.35	28.03' RT	882.22
6826	89+67.41	26.29' RT	882.27

CURB RAMP POINTS BARKER SW			
POINT NO.	STATION	OFFSET	ELEVATION
6700	88+61.30	20.00' RT	880.34
6701	88+65.80	20.00' RT	880.42
6702	88+66.30	20.00' RT	880.42
6703	88+71.30	20.00' RT	880.51
6704	88+71.80	20.00' RT	880.51
6705	88+77.30	20.00' RT	880.61
6706	88+61.13	22.50' RT	880.76
6707	88+66.13	22.50' RT	880.34
6708	88+71.46	22.50' RT	880.43
6709	88+76.46	22.50' RT	881.01
6710	88+56.13	28.14' RT	880.79
6711	88+56.30	33.06' RT	880.86
6712	88+66.13	33.04' RT	880.80

CURB RAMP POINTS BARKER SW			
POINT NO.	STATION	OFFSET	ELEVATION
6726	89+19.25	33.04' RT	881.28
6727	89+20.36	36.60' RT	881.61
6728	88+98.80	28.04' RT	881.41
6729	88+98.80	33.04' RT	881.49
6730	89+07.31	28.04' RT	881.45
6731	89+07.31	33.04' RT	881.43
6732	89+07.44	43.04' RT	881.15
6733	89+12.11	43.04' RT	881.04
6734	89+12.31	33.04' RT	881.35
6735	89+12.31	28.04' RT	881.38
6736	89+15.97	33.04' RT	881.32

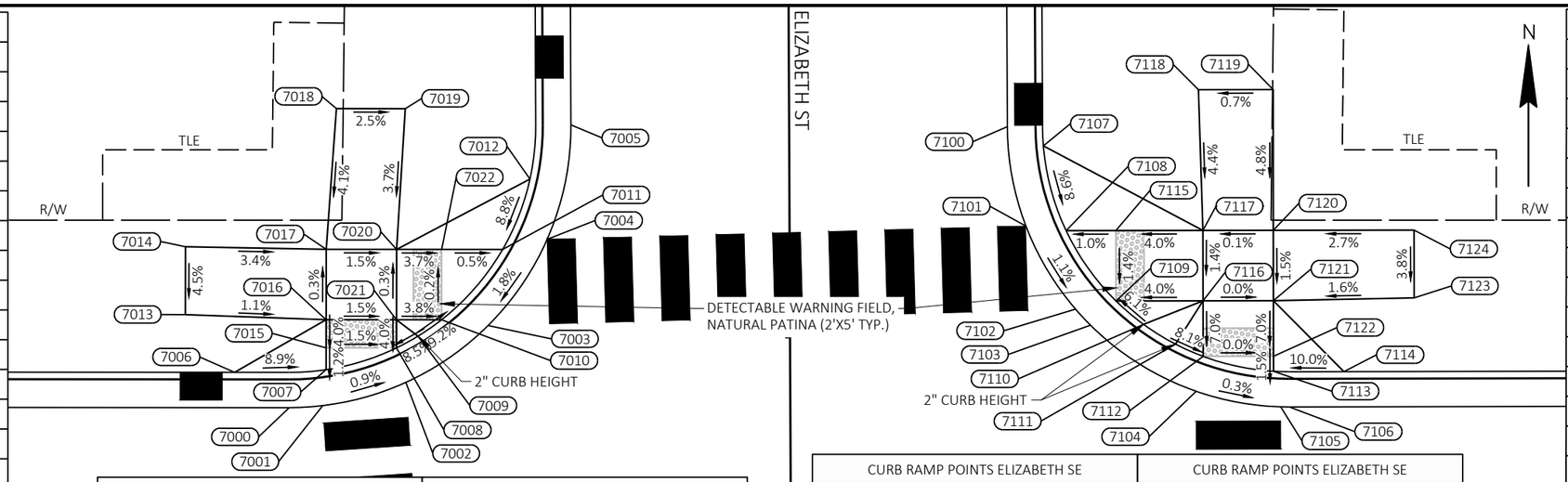


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - BARKER ST	SHEET 44	E

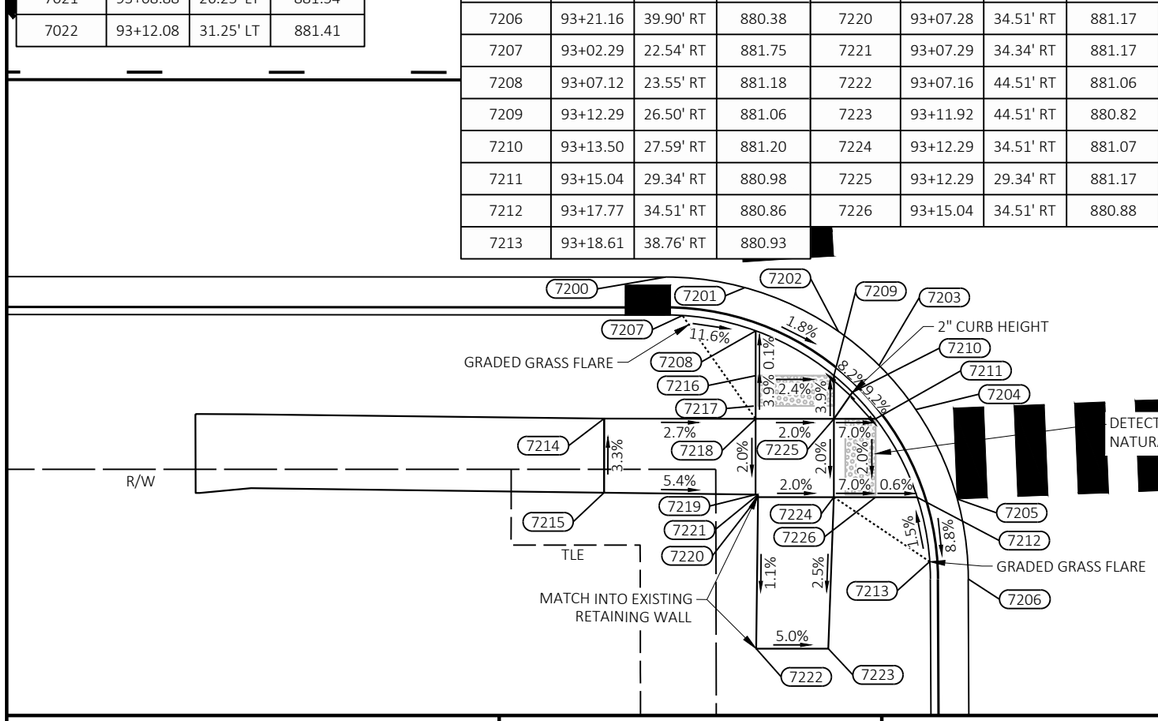
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 21
PLOT DATE : 4/28/2023 2:56 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

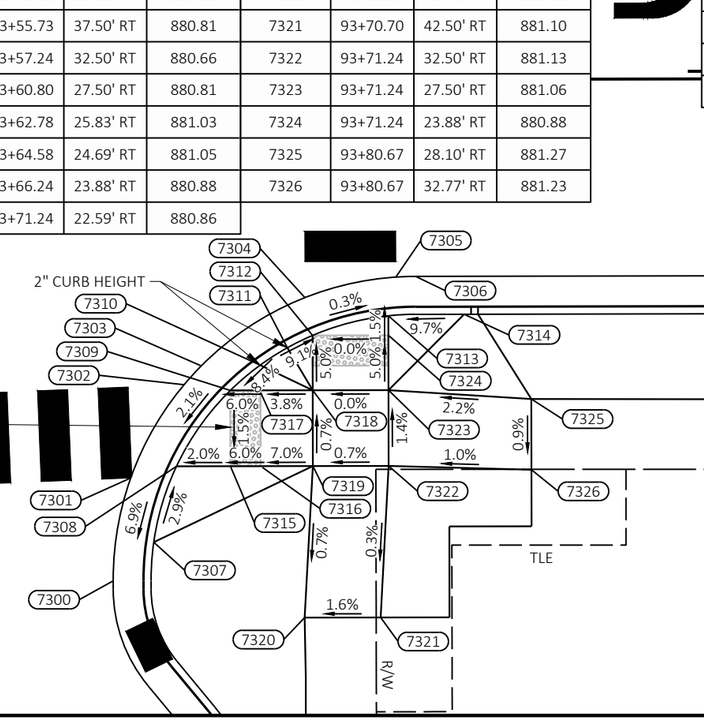
CURB RAMP POINTS ELIZABETH NW			
POINT NO.	STATION	OFFSET	ELEVATION
7000	93+01.26	20.00' LT	881.63
7001	93+03.64	20.14' LT	881.60
7002	93+09.54	21.80' LT	881.55
7003	93+15.38	25.84' LT	881.49
7004	93+19.57	31.96' LT	881.46
7005	93+21.26	40.10' LT	881.42
7006	92+97.38	22.50' LT	882.09
7007	93+03.88	22.70' LT	881.52
7008	93+08.88	24.25' LT	881.46
7009	93+10.41	25.08' LT	881.61
7010	93+12.08	26.25' LT	881.42
7011	93+16.41	31.25' LT	881.39
7012	93+18.35	36.25' LT	881.86
7013	92+93.88	26.60' LT	881.73
7014	92+93.88	31.43' LT	881.94
7015	93+03.88	24.25' LT	881.54
7016	93+03.88	26.25' LT	881.62
7017	93+03.88	31.25' LT	881.60
7018	93+04.60	41.25' LT	882.02
7019	93+09.49	41.25' LT	881.89
7020	93+08.88	31.25' LT	881.53
7021	93+08.88	26.25' LT	881.54
7022	93+12.08	31.25' LT	881.41



CURB RAMP POINTS ELIZABETH SW				CURB RAMP POINTS ELIZABETH SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
7200	93+01.16	20.00' RT	881.35	7214	92+97.12	29.33' RT	881.55
7201	93+06.38	20.70' RT	881.28	7215	92+97.12	34.22' RT	881.71
7202	93+12.59	23.59' RT	881.17	7216	93+07.12	26.50' RT	881.18
7203	93+15.26	25.82' RT	881.11	7217	93+07.12	28.50' RT	881.26
7204	93+17.68	28.73' RT	881.04	7218	93+07.12	29.34' RT	881.28
7205	93+20.42	34.62' RT	880.91	7219	93+07.12	34.34' RT	881.18
7206	93+21.16	39.90' RT	880.38	7220	93+07.28	34.51' RT	881.17
7207	93+02.29	22.54' RT	881.75	7221	93+07.29	34.34' RT	881.17
7208	93+07.12	23.55' RT	881.18	7222	93+07.16	44.51' RT	881.06
7209	93+12.29	26.50' RT	881.06	7223	93+11.92	44.51' RT	880.82
7210	93+13.50	27.59' RT	881.20	7224	93+12.29	34.51' RT	881.07
7211	93+15.04	29.34' RT	880.98	7225	93+12.29	29.34' RT	881.17
7212	93+17.77	34.51' RT	880.86	7226	93+15.04	34.51' RT	880.88
7213	93+18.61	38.76' RT	880.93				



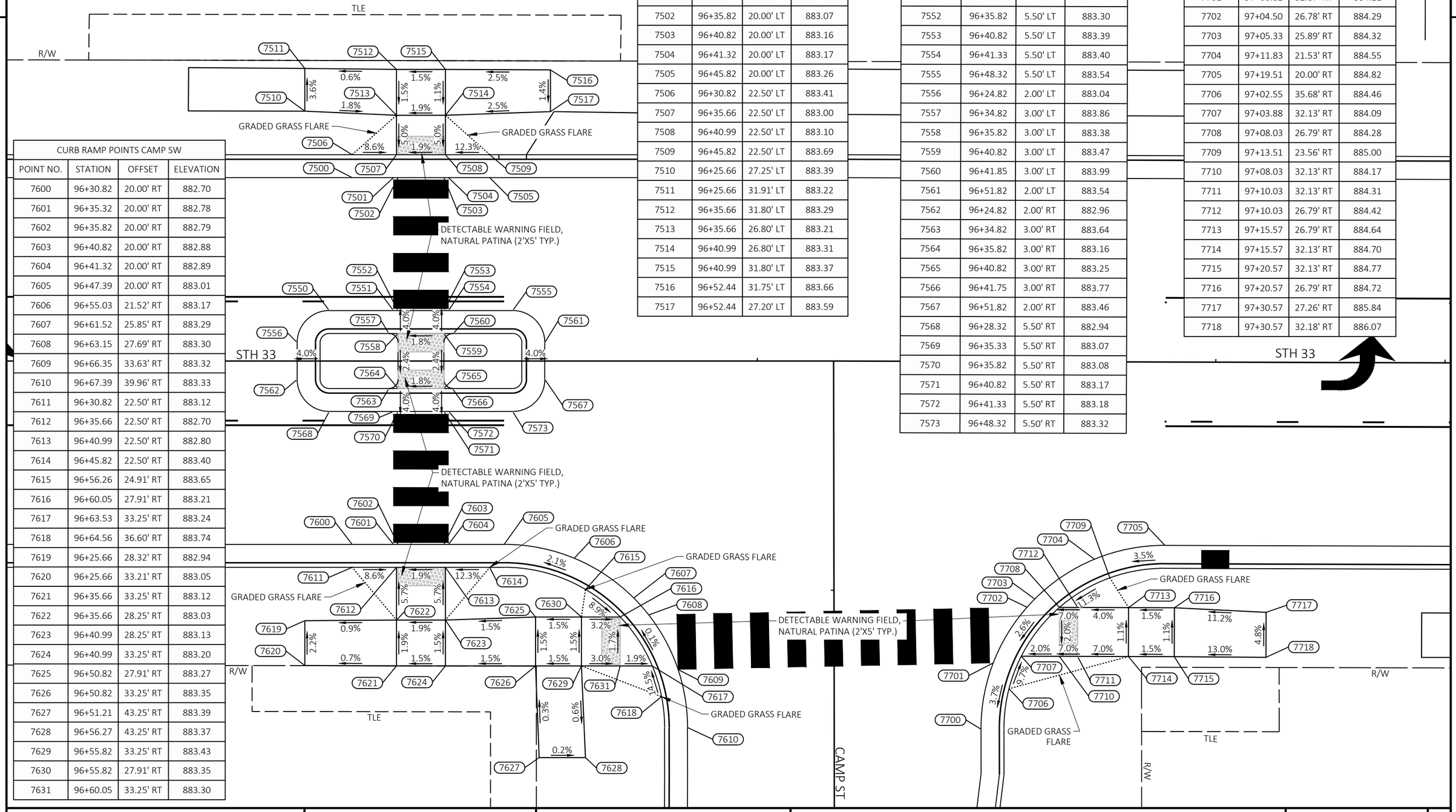
CURB RAMP POINTS ELIZABETH SE				CURB RAMP POINTS ELIZABETH SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
7300	93+53.05	40.05' RT	880.19	7314	93+76.24	22.50' RT	881.35
7301	93+54.22	33.26' RT	880.65	7315	93+60.80	32.50' RT	880.73
7302	93+57.75	27.12' RT	880.85	7316	93+62.80	32.50' RT	880.85
7303	93+58.89	25.87' RT	880.88	7317	93+62.80	27.52' RT	880.93
7304	93+65.74	21.38' RT	880.96	7318	93+66.24	27.50' RT	881.06
7305	93+71.74	20.04' RT	880.94	7319	93+66.24	32.50' RT	881.09
7306	93+73.05	20.00' RT	880.93	7320	93+65.68	42.50' RT	881.03
7307	93+55.73	37.50' RT	880.81	7321	93+70.70	42.50' RT	881.10
7308	93+57.24	32.50' RT	880.66	7322	93+71.24	32.50' RT	881.13
7309	93+60.80	27.50' RT	880.81	7323	93+71.24	27.50' RT	881.06
7310	93+62.78	25.83' RT	881.03	7324	93+71.24	23.88' RT	880.88
7311	93+64.58	24.69' RT	881.05	7325	93+80.67	28.10' RT	881.27
7312	93+66.24	23.88' RT	880.88	7326	93+80.67	32.77' RT	881.23
7313	93+71.24	22.59' RT	880.86				



CURB RAMP POINTS ELIZABETH NE			
POINT NO.	STATION	OFFSET	ELEVATION
7100	93+52.36	39.95' LT	881.34
7101	93+53.67	32.89' LT	881.31
7102	93+57.18	26.98' LT	881.27
7103	93+58.24	25.84' LT	881.26
7104	93+65.74	21.13' LT	881.23
7105	93+71.74	20.01' LT	881.22
7106	93+72.36	20.00' LT	881.21
7107	93+54.92	38.59' LT	881.76
7108	93+56.53	32.55' LT	881.22
7109	93+60.06	27.55' LT	881.18
7110	93+62.02	25.89' LT	881.34
7111	93+64.28	24.48' LT	881.33
7112	93+66.24	23.61' LT	881.16
7113	93+71.24	22.54' LT	881.14
7114	93+76.24	22.50' LT	881.64
7115	93+60.06	32.55' LT	881.25
7116	93+66.24	27.55' LT	881.43
7117	93+66.24	32.55' LT	881.50
7118	93+65.94	42.55' LT	881.94
7119	93+71.26	42.55' LT	881.98
7120	93+71.24	32.55' LT	881.51
7121	93+71.24	27.55' LT	881.43
7122	93+71.24	23.61' LT	881.15
7123	93+81.24	27.73' LT	881.59
7124	93+81.24	32.55' LT	881.77

2

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - ELIZABETH ST	SHEET 45	E



CURB RAMP POINTS CAMP SW

POINT NO.	STATION	OFFSET	ELEVATION
7600	96+30.82	20.00' RT	882.70
7601	96+35.32	20.00' RT	882.78
7602	96+35.82	20.00' RT	882.79
7603	96+40.82	20.00' RT	882.88
7604	96+41.32	20.00' RT	882.89
7605	96+47.39	20.00' RT	883.01
7606	96+55.03	21.52' RT	883.17
7607	96+61.52	25.85' RT	883.29
7608	96+63.15	27.69' RT	883.30
7609	96+66.35	33.63' RT	883.32
7610	96+67.39	39.96' RT	883.33
7611	96+30.82	22.50' RT	883.12
7612	96+35.66	22.50' RT	882.70
7613	96+40.99	22.50' RT	882.80
7614	96+45.82	22.50' RT	883.40
7615	96+56.26	24.91' RT	883.65
7616	96+60.05	27.91' RT	883.21
7617	96+63.53	33.25' RT	883.24
7618	96+64.56	36.60' RT	883.74
7619	96+25.66	28.32' RT	882.94
7620	96+25.66	33.21' RT	883.05
7621	96+35.66	33.25' RT	883.12
7622	96+35.66	28.25' RT	883.03
7623	96+40.99	28.25' RT	883.13
7624	96+40.99	33.25' RT	883.20
7625	96+50.82	27.91' RT	883.27
7626	96+50.82	33.25' RT	883.35
7627	96+51.21	43.25' RT	883.39
7628	96+56.27	43.25' RT	883.37
7629	96+55.82	33.25' RT	883.43
7630	96+55.82	27.91' RT	883.35
7631	96+60.05	33.25' RT	883.30

CURB RAMP POINTS CAMP NW

POINT NO.	STATION	OFFSET	ELEVATION
7500	96+30.82	20.00' LT	882.98
7501	96+35.32	20.00' LT	883.06
7502	96+35.82	20.00' LT	883.07
7503	96+40.82	20.00' LT	883.16
7504	96+41.32	20.00' LT	883.17
7505	96+45.82	20.00' LT	883.26
7506	96+30.82	22.50' LT	883.41
7507	96+35.66	22.50' LT	883.00
7508	96+40.99	22.50' LT	883.10
7509	96+45.82	22.50' LT	883.69
7510	96+25.66	27.25' LT	883.39
7511	96+25.66	31.91' LT	883.22
7512	96+35.66	31.80' LT	883.29
7513	96+35.66	26.80' LT	883.21
7514	96+40.99	26.80' LT	883.31
7515	96+40.99	31.80' LT	883.37
7516	96+52.44	31.75' LT	883.66
7517	96+52.44	27.20' LT	883.59

CURB RAMP POINTS CAMP REFUGE ISLAND

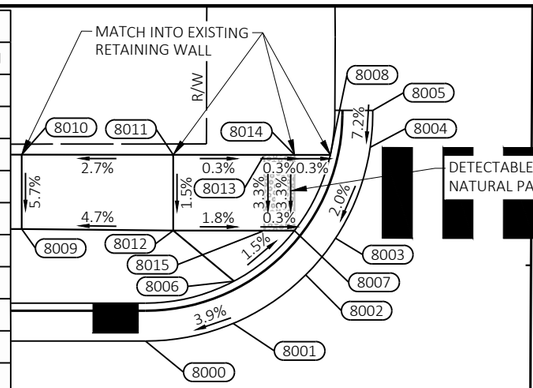
POINT NO.	STATION	OFFSET	ELEVATION
7550	96+28.32	5.50' LT	883.16
7551	96+35.33	5.50' LT	883.29
7552	96+35.82	5.50' LT	883.30
7553	96+40.82	5.50' LT	883.39
7554	96+41.33	5.50' LT	883.40
7555	96+48.32	5.50' LT	883.54
7556	96+24.82	2.00' LT	883.04
7557	96+34.82	3.00' LT	883.86
7558	96+35.82	3.00' LT	883.38
7559	96+40.82	3.00' LT	883.47
7560	96+41.85	3.00' LT	883.99
7561	96+51.82	2.00' LT	883.54
7562	96+24.82	2.00' RT	882.96
7563	96+34.82	3.00' RT	883.64
7564	96+35.82	3.00' RT	883.16
7565	96+40.82	3.00' RT	883.25
7566	96+41.75	3.00' RT	883.77
7567	96+51.82	2.00' RT	883.46
7568	96+28.32	5.50' RT	882.94
7569	96+35.33	5.50' RT	883.07
7570	96+35.82	5.50' RT	883.08
7571	96+40.82	5.50' RT	883.17
7572	96+41.33	5.50' RT	883.18
7573	96+48.32	5.50' RT	883.32

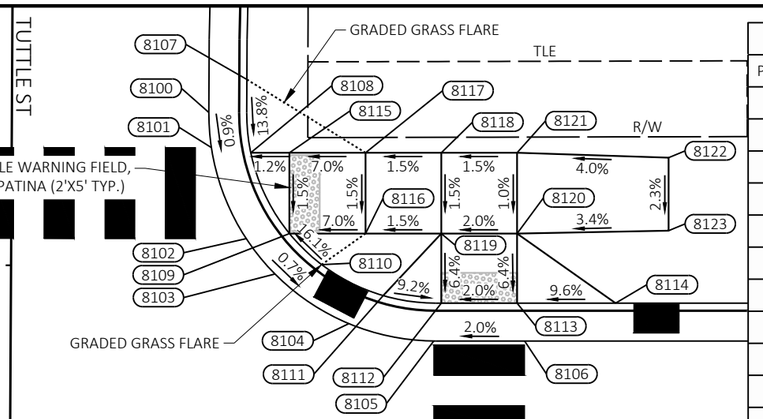
CURB RAMP POINTS CAMP SE

POINT NO.	STATION	OFFSET	ELEVATION
7700	96+99.51	40.10' RT	883.86
7701	97+00.82	32.87' RT	884.11
7702	97+04.50	26.78' RT	884.29
7703	97+05.33	25.89' RT	884.32
7704	97+11.83	21.53' RT	884.55
7705	97+19.51	20.00' RT	884.82
7706	97+02.55	35.68' RT	884.46
7707	97+03.88	32.13' RT	884.09
7708	97+08.03	26.79' RT	884.28
7709	97+13.51	23.56' RT	885.00
7710	97+08.03	32.13' RT	884.17
7711	97+10.03	32.13' RT	884.31
7712	97+10.03	26.79' RT	884.42
7713	97+15.57	26.79' RT	884.64
7714	97+15.57	32.13' RT	884.70
7715	97+20.57	32.13' RT	884.77
7716	97+20.57	26.79' RT	884.72
7717	97+30.57	27.26' RT	885.84
7718	97+30.57	32.18' RT	886.07

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - CAMP ST	SHEET 46	E

CURB RAMP POINTS TUTTLE NW			
POINT NO.	STATION	OFFSET	ELEVATION
8000	99+96.96	20.00' LT	892.57
8001	100+02.75	21.16' LT	892.76
8002	100+07.54	24.36' LT	893.18
8003	100+09.51	26.78' LT	893.29
8004	100+11.80	32.78' LT	893.48
8005	100+11.96	35.21' LT	893.64
8006	100+02.81	23.95' LT	893.26
8007	100+06.80	27.28' LT	893.18
8008	100+09.16	32.28' LT	893.34
8009	99+88.80	27.39' LT	892.82
8010	99+88.80	32.30' LT	893.10
8011	99+98.80	32.29' LT	893.37
8012	99+98.80	27.29' LT	893.30
8013	100+04.80	32.29' LT	893.35
8014	100+06.80	32.28' LT	893.35
8015	100+04.80	27.29' LT	893.19

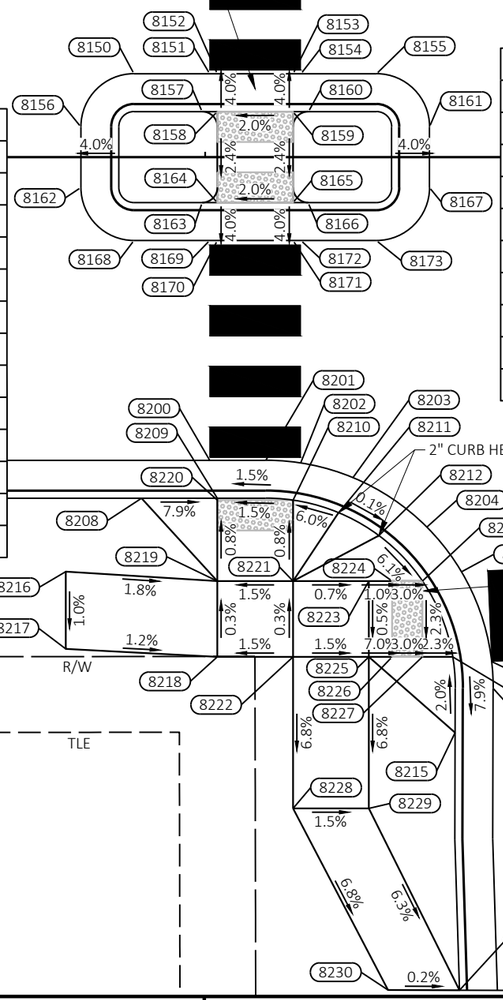




CURB RAMP POINTS TUTTLE NE				CURB RAMP POINTS TUTTLE NE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
8100	100+35.46	35.08' LT	893.86	8112	100+50.80	22.50' LT	893.84
8101	100+35.63	32.76' LT	893.84	8113	100+55.80	22.50' LT	893.94
8102	100+37.93	26.76' LT	893.79	8114	100+62.30	22.50' LT	894.56
8103	100+39.83	24.42' LT	893.77	8115	100+40.78	32.43' LT	893.78
8104	100+44.70	21.15' LT	893.75	8116	100+45.80	27.09' LT	894.06
8105	100+50.30	20.00' LT	893.89	8117	100+45.80	32.43' LT	894.14
8106	100+56.30	20.00' LT	894.01	8118	100+50.80	32.43' LT	894.21
8107	100+37.98	37.26' LT	894.42	8119	100+50.80	27.09' LT	894.13
8108	100+38.23	32.43' LT	893.76	8120	100+55.80	27.09' LT	894.23
8109	100+40.78	27.09' LT	893.70	8121	100+55.80	32.43' LT	894.29
8110	100+42.90	25.04' LT	894.18	8122	100+65.80	32.10' LT	894.68
8111	100+46.97	23.00' LT	894.19	8123	100+65.80	27.28' LT	894.57

STH 33

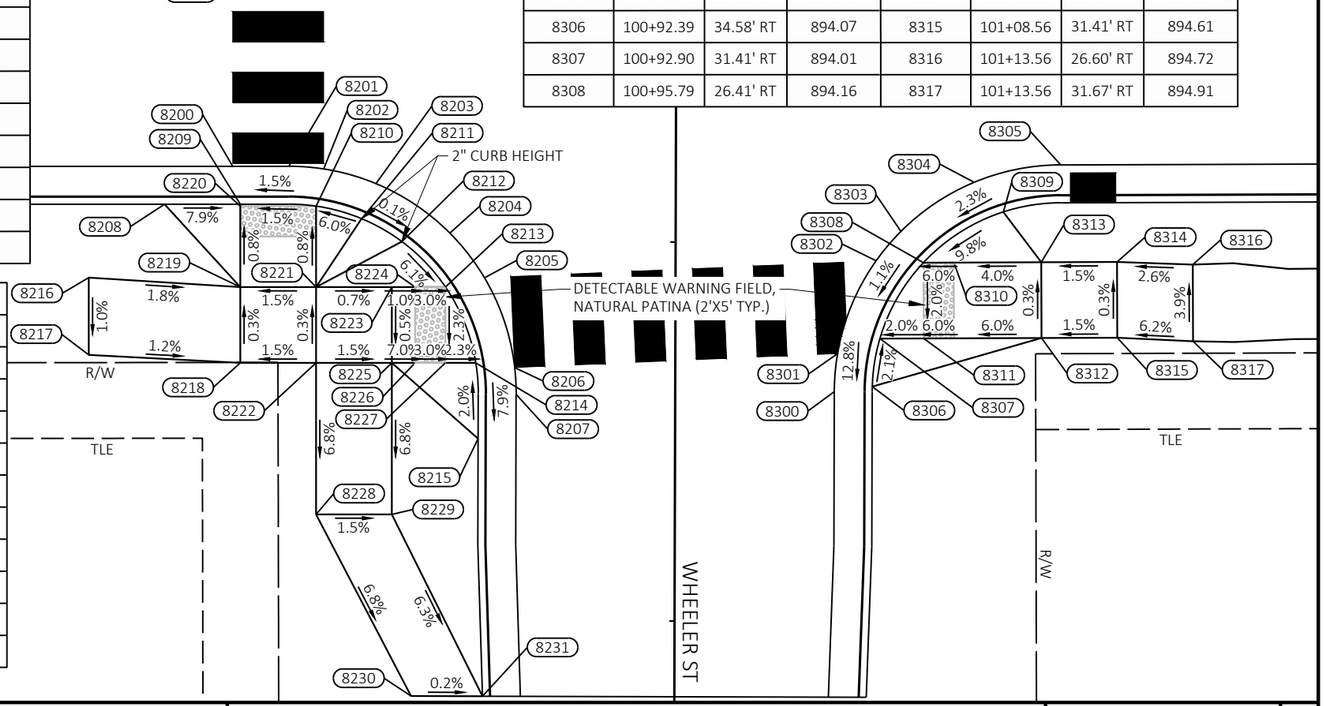
CURB RAMP POINTS WHEELER REFUGE ISLAND				CURB RAMP POINTS WHEELER REFUGE ISLAND			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
8150	100+45.30	5.50' LT	894.02	8162	100+41.80	2.00' RT	893.79
8151	100+50.30	5.50' LT	894.12	8163	100+49.80	3.00' RT	894.47
8152	100+50.80	5.50' LT	894.13	8164	100+50.80	3.00' RT	893.99
8153	100+55.80	5.50' LT	894.23	8165	100+55.80	3.00' RT	894.09
8154	100+56.33	5.50' LT	894.24	8166	100+56.80	3.00' RT	894.61
8155	100+61.30	5.50' LT	894.34	8167	100+64.80	2.00' RT	894.25
8156	100+41.80	2.00' LT	893.87	8168	100+45.30	5.50' RT	893.80
8157	100+49.80	3.00' LT	894.69	8169	100+50.30	5.50' RT	893.90
8158	100+50.80	3.00' LT	894.21	8170	100+50.80	5.50' RT	893.91
8159	100+55.80	3.00' LT	894.31	8171	100+55.80	5.50' RT	894.01
8160	100+56.81	3.00' LT	894.83	8172	100+56.33	5.50' RT	894.02
8161	100+64.80	2.00' LT	894.33	8173	100+61.30	5.50' RT	894.12



CURB RAMP POINTS WHEELER SE				CURB RAMP POINTS WHEELER SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
8300	100+89.88	34.91' RT	893.60	8309	101+01.08	23.09' RT	894.77
8301	100+90.11	32.39' RT	893.92	8310	100+97.79	26.41' RT	894.28
8302	100+92.67	26.28' RT	894.22	8311	100+95.79	31.41' RT	894.06
8303	100+94.31	24.35' RT	894.25	8312	101+03.56	31.41' RT	894.53
8304	100+99.17	21.13' RT	894.33	8313	101+03.56	26.41' RT	894.51
8305	101+04.88	20.00' RT	894.45	8314	101+08.56	26.41' RT	894.59
8306	100+92.39	34.58' RT	894.07	8315	101+08.56	31.41' RT	894.61
8307	100+92.90	31.41' RT	894.01	8316	101+13.56	26.60' RT	894.72
8308	100+95.79	26.41' RT	894.16	8317	101+13.56	31.67' RT	894.91

STH 33

CURB RAMP POINTS WHEELER SW				CURB RAMP POINTS WHEELER SW				CURB RAMP POINTS WHEELER SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
8200	100+50.30	20.00' RT	893.61	8211	100+58.80	23.46' RT	893.80	8222	100+55.80	32.97' RT	893.67
8201	100+54.00	20.00' RT	893.69	8212	100+61.46	24.97' RT	893.80	8223	100+60.80	27.97' RT	893.62
8202	100+56.30	20.18' RT	893.70	8213	100+64.34	27.97' RT	893.55	8224	100+62.34	27.97' RT	893.61
8203	100+59.75	21.15' RT	893.72	8214	100+66.34	32.97' RT	893.38	8225	100+60.80	32.97' RT	893.60
8204	100+64.62	24.41' RT	893.68	8215	100+66.49	37.97' RT	893.48	8226	100+62.34	32.97' RT	893.49
8205	100+66.91	27.36' RT	893.61	8216	100+40.80	27.35' RT	893.77	8227	100+64.34	32.97' RT	893.43
8206	100+68.90	33.28' RT	893.42	8217	100+40.80	32.45' RT	893.72	8228	100+55.80	42.97' RT	892.99
8207	100+69.00	35.04' RT	893.30	8218	100+50.80	32.97' RT	893.60	8229	100+60.80	42.97' RT	892.92
8208	100+45.80	22.50' RT	893.94	8219	100+50.80	27.97' RT	893.59	8230	100+62.07	54.95' RT	892.08
8209	100+50.80	22.50' RT	893.54	8220	100+50.80	22.63' RT	893.54	8231	100+66.78	54.96' RT	892.07
8210	100+55.80	22.63' RT	893.62	8221	100+55.80	27.97' RT	893.66				



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - TUTTLE ST AND WHEELER ST	SHEET 47	E

2

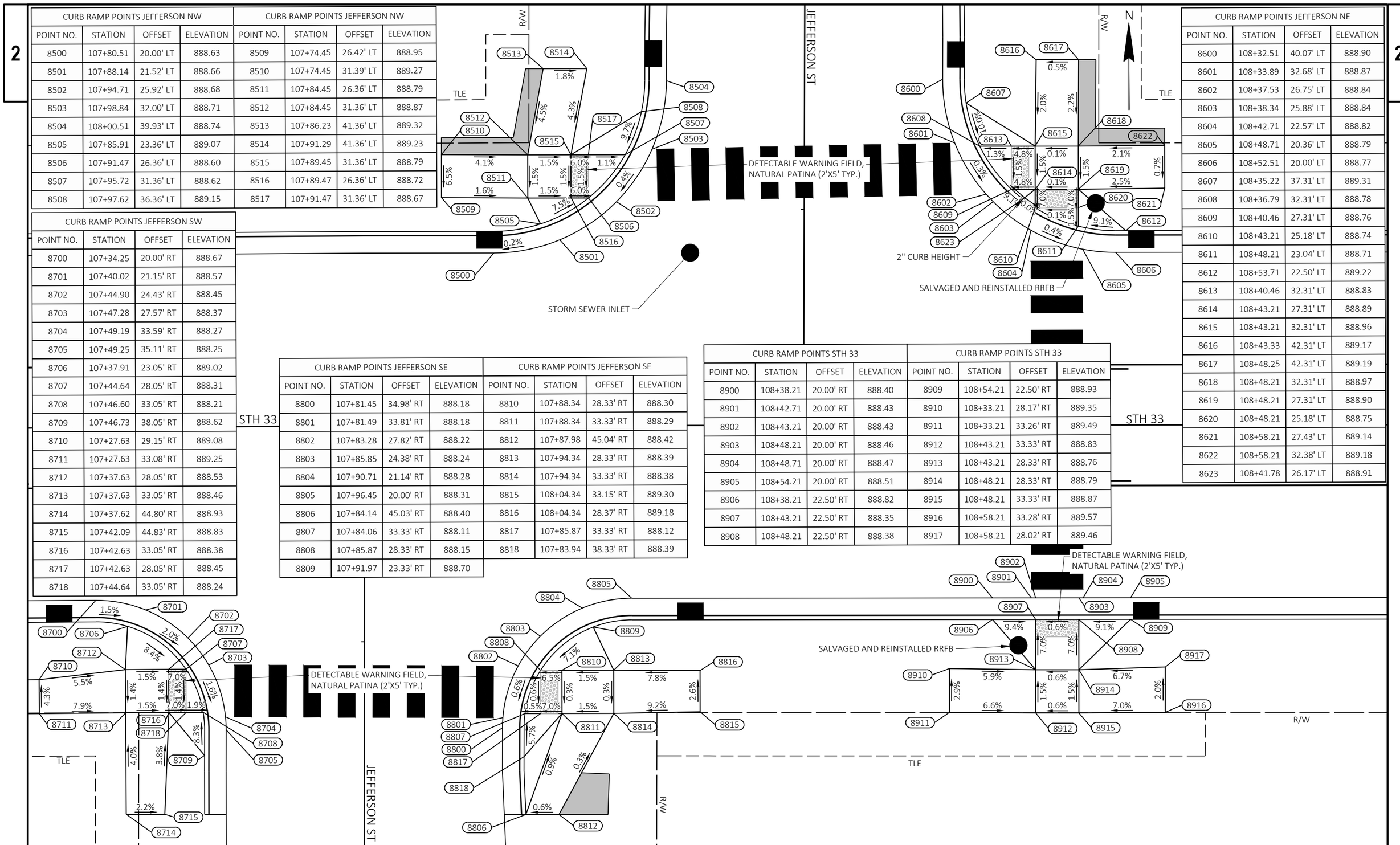
CURB RAMP POINTS JEFFERSON NW				CURB RAMP POINTS JEFFERSON NW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
8500	107+80.51	20.00' LT	888.63	8509	107+74.45	26.42' LT	888.95
8501	107+88.14	21.52' LT	888.66	8510	107+74.45	31.39' LT	889.27
8502	107+94.71	25.92' LT	888.68	8511	107+84.45	26.36' LT	888.79
8503	107+98.84	32.00' LT	888.71	8512	107+84.45	31.36' LT	888.87
8504	108+00.51	39.93' LT	888.74	8513	107+86.23	41.36' LT	889.32
8505	107+85.91	23.36' LT	889.07	8514	107+91.29	41.36' LT	889.23
8506	107+91.47	26.36' LT	888.60	8515	107+89.45	31.36' LT	888.79
8507	107+95.72	31.36' LT	888.62	8516	107+89.47	26.36' LT	888.72
8508	107+97.62	36.36' LT	889.15	8517	107+91.47	31.36' LT	888.67

CURB RAMP POINTS JEFFERSON SW			
POINT NO.	STATION	OFFSET	ELEVATION
8700	107+34.25	20.00' RT	888.67
8701	107+40.02	21.15' RT	888.57
8702	107+44.90	24.43' RT	888.45
8703	107+47.28	27.57' RT	888.37
8704	107+49.19	33.59' RT	888.27
8705	107+49.25	35.11' RT	888.25
8706	107+37.91	23.05' RT	889.02
8707	107+44.64	28.05' RT	888.31
8708	107+46.60	33.05' RT	888.21
8709	107+46.73	38.05' RT	888.62
8710	107+27.63	29.15' RT	889.08
8711	107+27.63	33.08' RT	889.25
8712	107+37.63	28.05' RT	888.53
8713	107+37.63	33.05' RT	888.46
8714	107+37.62	44.80' RT	888.93
8715	107+42.09	44.83' RT	888.83
8716	107+42.63	33.05' RT	888.38
8717	107+42.63	28.05' RT	888.45
8718	107+44.64	33.05' RT	888.24

CURB RAMP POINTS JEFFERSON SE				CURB RAMP POINTS JEFFERSON SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
8800	107+81.45	34.98' RT	888.18	8810	107+88.34	28.33' RT	888.30
8801	107+81.49	33.81' RT	888.18	8811	107+88.34	33.33' RT	888.29
8802	107+83.28	27.82' RT	888.22	8812	107+87.98	45.04' RT	888.42
8803	107+85.85	24.38' RT	888.24	8813	107+94.34	28.33' RT	888.39
8804	107+90.71	21.14' RT	888.28	8814	107+94.34	33.33' RT	888.38
8805	107+96.45	20.00' RT	888.31	8815	108+04.34	33.15' RT	889.30
8806	107+84.14	45.03' RT	888.40	8816	108+04.34	28.37' RT	889.18
8807	107+84.06	33.33' RT	888.11	8817	107+85.87	33.33' RT	888.12
8808	107+85.87	28.33' RT	888.15	8818	107+83.94	38.33' RT	888.39
8809	107+91.97	23.33' RT	888.70				

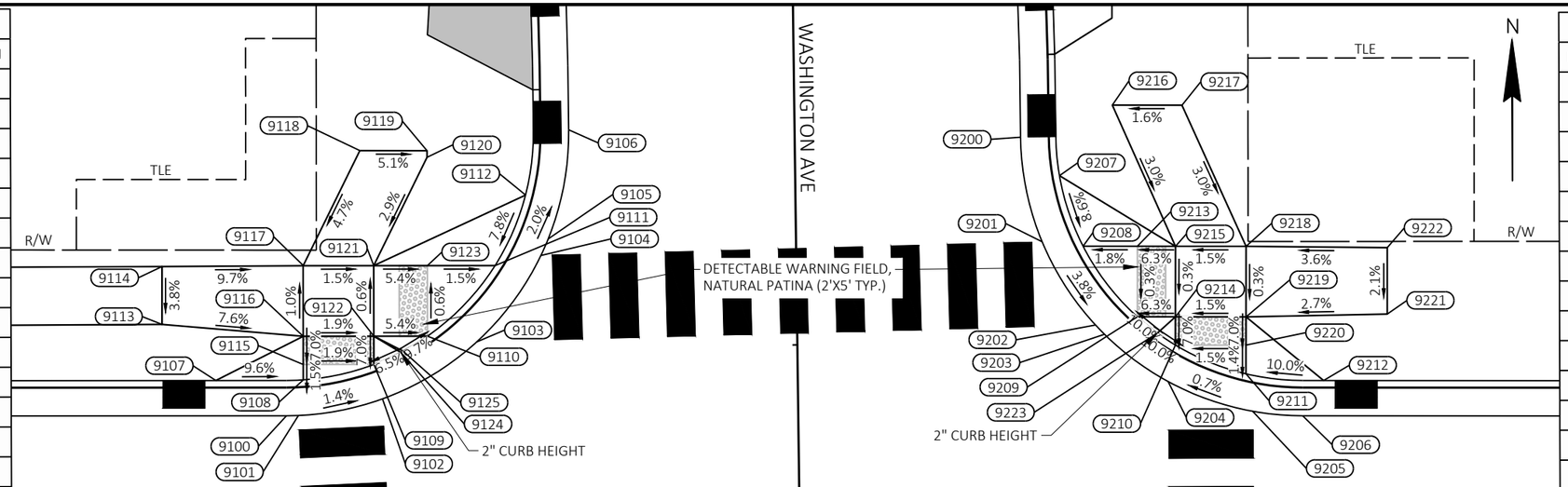
CURB RAMP POINTS STH 33				CURB RAMP POINTS STH 33			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
8900	108+38.21	20.00' RT	888.40	8909	108+54.21	22.50' RT	888.93
8901	108+42.71	20.00' RT	888.43	8910	108+33.21	28.17' RT	889.35
8902	108+43.21	20.00' RT	888.43	8911	108+33.21	33.26' RT	889.49
8903	108+48.21	20.00' RT	888.46	8912	108+43.21	33.33' RT	888.83
8904	108+48.71	20.00' RT	888.47	8913	108+43.21	28.33' RT	888.76
8905	108+54.21	20.00' RT	888.51	8914	108+48.21	28.33' RT	888.79
8906	108+38.21	22.50' RT	888.82	8915	108+48.21	33.33' RT	888.87
8907	108+43.21	22.50' RT	888.35	8916	108+58.21	33.28' RT	889.57
8908	108+48.21	22.50' RT	888.38	8917	108+58.21	28.02' RT	889.46

CURB RAMP POINTS JEFFERSON NE			
POINT NO.	STATION	OFFSET	ELEVATION
8600	108+32.51	40.07' LT	888.90
8601	108+33.89	32.68' LT	888.87
8602	108+37.53	26.75' LT	888.84
8603	108+38.34	25.88' LT	888.84
8604	108+42.71	22.57' LT	888.82
8605	108+48.71	20.36' LT	888.79
8606	108+52.51	20.00' LT	888.77
8607	108+35.22	37.31' LT	889.31
8608	108+36.79	32.31' LT	888.78
8609	108+40.46	27.31' LT	888.76
8610	108+43.21	25.18' LT	888.74
8611	108+48.21	23.04' LT	888.71
8612	108+53.71	22.50' LT	889.22
8613	108+40.46	32.31' LT	888.83
8614	108+43.21	27.31' LT	888.89
8615	108+43.21	32.31' LT	888.96
8616	108+43.33	42.31' LT	889.17
8617	108+48.25	42.31' LT	889.19
8618	108+48.21	32.31' LT	888.97
8619	108+48.21	27.31' LT	888.90
8620	108+48.21	25.18' LT	888.75
8621	108+58.21	27.43' LT	889.14
8622	108+58.21	32.38' LT	889.18
8623	108+41.78	26.17' LT	888.91



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - JEFFERSON ST	SHEET 48	E

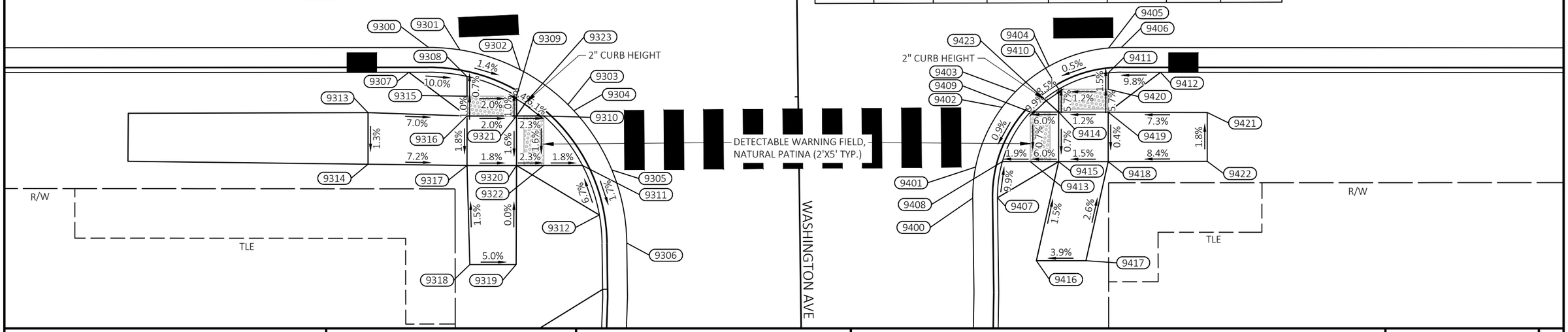
CURB RAMP POINTS WASHINGTON NW			
POINT NO.	STATION	OFFSET	ELEVATION
9100	116+31.25	20.00' LT	875.74
9101	116+32.10	20.02' LT	875.73
9102	116+38.05	21.19' LT	875.65
9103	116+44.73	25.22' LT	875.55
9104	116+49.29	31.35' LT	875.43
9105	116+49.80	32.52' LT	875.44
9106	116+51.25	40.25' LT	875.35
9107	116+26.26	22.50' LT	876.24
9108	116+32.44	22.54' LT	875.65
9109	116+37.44	23.63' LT	875.57
9110	116+41.24	25.63' LT	875.50
9111	116+46.04	30.63' LT	875.40
9112	116+48.20	35.63' LT	875.83
9113	116+22.44	26.47' LT	876.56
9114	116+22.44	30.58' LT	876.72
9115	116+32.44	23.63' LT	875.66
9116	116+32.44	25.63' LT	875.80
9117	116+32.47	30.63' LT	875.75
9118	116+36.46	38.79' LT	876.18
9119	116+41.23	38.77' LT	875.93
9120	116+41.22	38.31' LT	875.92
9121	116+37.44	30.63' LT	875.68
9122	116+37.44	25.63' LT	875.71
9123	116+41.24	30.63' LT	875.47
9124	116+39.35	24.49' LT	875.70
9125	116+39.52	24.57' LT	875.70



CURB RAMP POINTS WASHINGTON NE			
POINT NO.	STATION	OFFSET	ELEVATION
9200	116+83.21	39.73' LT	875.33
9201	116+84.75	32.32' LT	875.38
9202	116+88.53	26.42' LT	875.44
9203	116+89.17	25.76' LT	875.45
9204	116+93.68	22.42' LT	875.49
9205	116+99.67	20.32' LT	875.54
9206	117+03.21	20.00' LT	875.56
9207	116+85.97	37.00' LT	875.77
9208	116+87.65	32.00' LT	875.32
9209	116+91.49	27.00' LT	875.37
9210	116+94.19	25.00' LT	875.40
9211	116+99.19	22.97' LT	875.45
9212	117+04.69	22.50' LT	876.00
9213	116+91.49	32.00' LT	875.39
9214	116+94.19	27.00' LT	875.54
9215	116+94.19	32.00' LT	875.56
9216	116+89.71	42.00' LT	875.88
9217	116+94.65	42.00' LT	875.96
9218	116+99.19	32.00' LT	875.63
9219	116+99.19	27.00' LT	875.62
9220	116+99.19	25.00' LT	875.48
9221	117+09.19	27.21' LT	875.89
9222	117+09.19	31.92' LT	875.99
9223	116+92.91	25.85' LT	875.55

CURB RAMP POINTS WASHINGTON SW				CURB RAMP POINTS WASHINGTON SW			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
9300	116+30.75	20.00' RT	875.47	9312	116+47.97	36.92' RT	875.40
9301	116+33.90	20.25' RT	875.42	9313	116+24.62	26.57' RT	876.06
9302	116+40.00	22.27' RT	875.33	9314	116+24.62	31.78' RT	875.99
9303	116+44.80	25.77' RT	875.26	9315	116+34.62	24.92' RT	875.34
9304	116+45.41	26.39' RT	875.25	9316	116+34.62	26.92' RT	875.36
9305	116+49.23	32.36' RT	874.99	9317	116+34.62	31.91' RT	875.27
9306	116+50.75	39.75' RT	874.90	9318	116+34.89	41.92' RT	875.42
9307	116+28.75	22.50' RT	875.91	9319	116+39.57	41.92' RT	875.18
9308	116+34.62	22.93' RT	875.33	9320	116+39.62	31.92' RT	875.18
9309	116+39.62	24.92' RT	875.24	9321	116+39.62	26.92' RT	875.26
9310	116+42.37	26.92' RT	875.20	9322	116+42.37	31.92' RT	875.12
9311	116+46.27	31.92' RT	875.05	9323	116+40.58	25.52' RT	875.33

CURB RAMP POINTS WASHINGTON SE				CURB RAMP POINTS WASHINGTON SE			
POINT NO.	STATION	OFFSET	ELEVATION	POINT NO.	STATION	OFFSET	ELEVATION
9400	116+85.74	35.20' RT	874.97	9412	117+04.69	22.50' RT	875.71
9401	116+86.02	32.07' RT	875.07	9413	116+91.55	31.52' RT	875.08
9402	116+88.70	26.05' RT	875.18	9414	116+94.41	26.52' RT	875.29
9403	116+90.06	24.47' RT	875.20	9415	116+94.41	31.52' RT	875.25
9404	116+93.43	21.90' RT	875.24	9416	116+92.16	41.52' RT	875.40
9405	116+99.44	20.06' RT	875.27	9417	116+97.17	41.52' RT	875.60
9406	117+00.73	20.00' RT	875.28	9418	116+99.41	31.52' RT	875.33
9407	116+88.24	35.17' RT	875.39	9419	116+99.41	26.52' RT	875.34
9408	116+88.73	31.52' RT	875.03	9420	116+99.41	24.22' RT	875.21
9409	116+91.55	26.52' RT	875.11	9421	117+09.41	26.55' RT	876.08
9410	116+94.41	24.22' RT	875.16	9422	117+09.41	31.48' RT	876.16
9411	116+99.41	22.57' RT	875.19	9423	116+92.96	25.21' RT	875.31



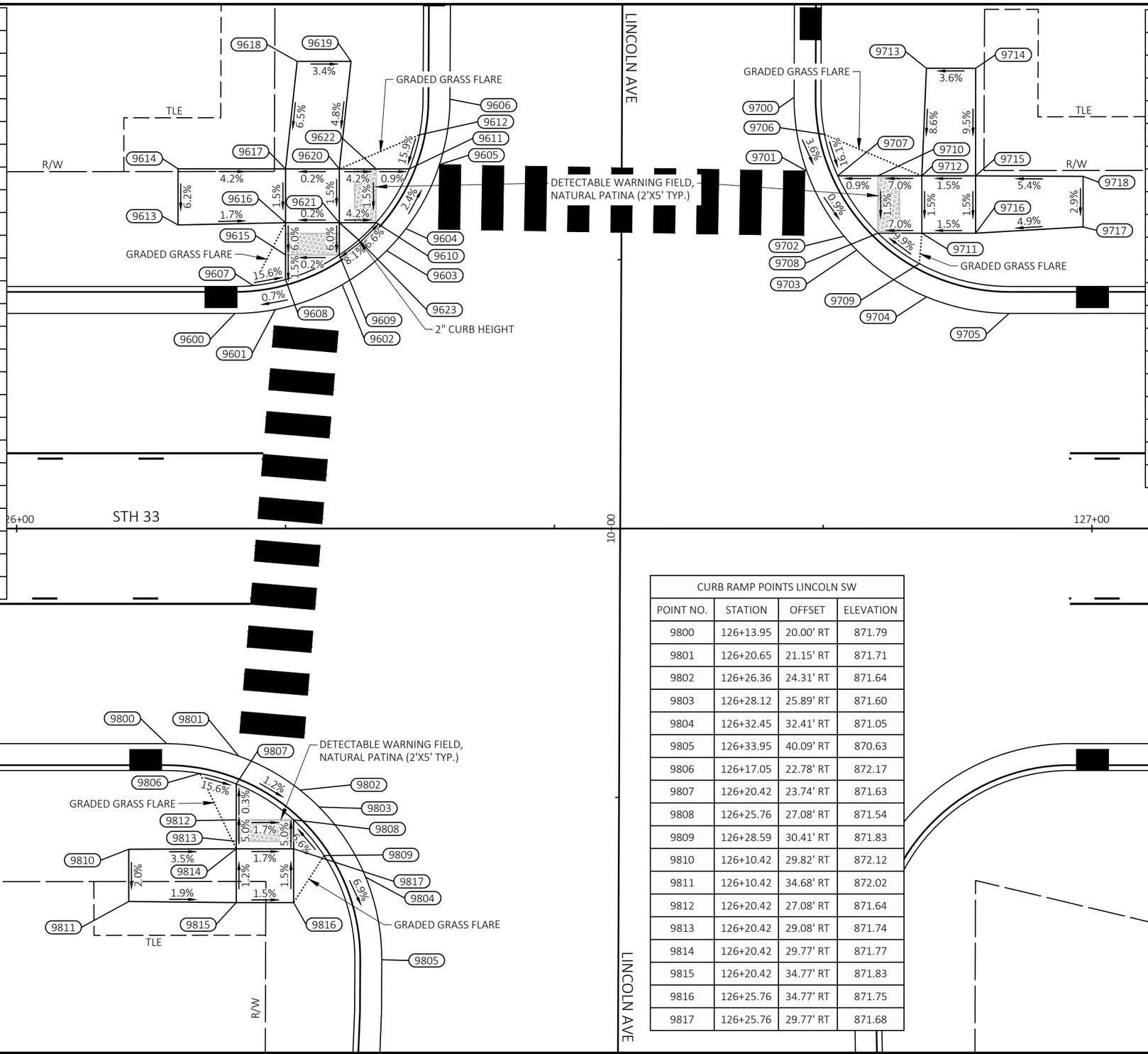
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - WASHINGTON AVE	SHEET 49	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 26

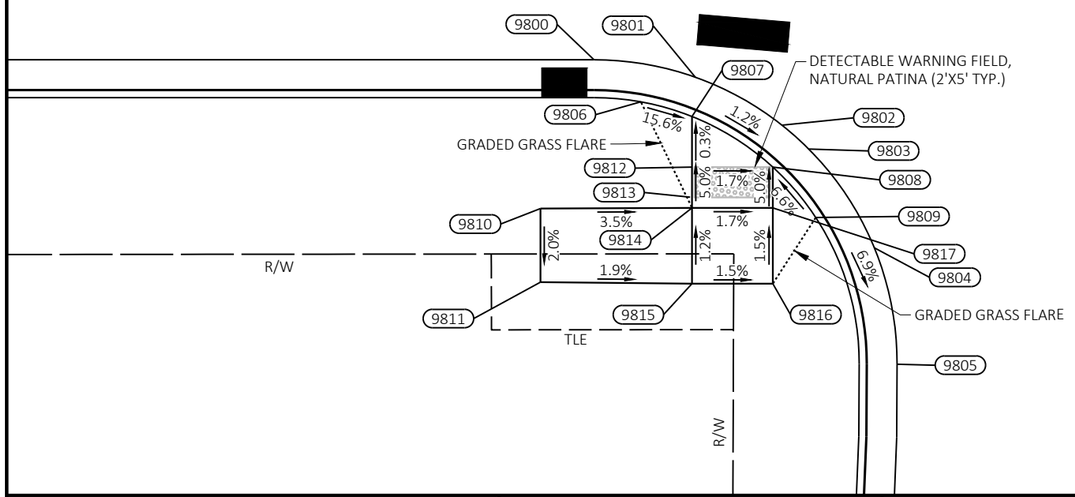
PLOT DATE : 4/28/2023 2:57 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

CURB RAMP POINTS LINCOLN NW			
POINT NO.	STATION	OFFSET	ELEVATION
9600	126+20.30	20.00' LT	872.02
9601	126+24.06	20.36' LT	872.05
9602	126+30.27	22.67' LT	872.09
9603	126+34.41	25.83' LT	872.13
9604	126+36.21	27.88' LT	872.21
9605	126+39.32	33.83' LT	872.19
9606	126+40.30	39.91' LT	872.23
9607	126+22.00	22.58' LT	872.45
9608	126+25.00	23.15' LT	871.98
9609	126+30.00	25.44' LT	872.02
9610	126+33.43	28.43' LT	872.06
9611	126+36.52	33.43' LT	872.10
9612	126+37.46	36.60' LT	872.63
9613	126+15.00	28.22' LT	872.36
9614	126+15.00	33.44' LT	872.69
9615	126+25.00	25.44' LT	872.01
9616	126+25.00	28.43' LT	872.19
9617	126+25.00	33.43' LT	872.27
9618	126+26.09	43.43' LT	872.92
9619	126+31.09	43.43' LT	872.76
9620	126+30.00	33.43' LT	872.27
9621	126+30.00	28.43' LT	872.20
9622	126+33.43	33.43' LT	872.13
9623	126+31.81	26.82' LT	872.21



CURB RAMP POINTS LINCOLN NE			
POINT NO.	STATION	OFFSET	ELEVATION
9700	126+72.30	40.09' LT	872.15
9701	126+73.48	33.23' LT	871.87
9702	126+76.96	27.17' LT	871.79
9703	126+78.13	25.89' LT	871.78
9704	126+84.63	21.53' LT	871.74
9705	126+92.30	20.00' LT	871.70
9706	126+75.13	36.64' LT	872.40
9707	126+76.36	32.78' LT	871.75
9708	126+80.10	27.45' LT	871.70
9709	126+83.95	24.62' LT	872.17
9710	126+80.10	32.78' LT	871.78
9711	126+84.19	27.45' LT	871.99
9712	126+84.19	32.78' LT	872.07
9713	126+84.61	42.78' LT	872.92
9714	126+89.20	42.78' LT	873.09
9715	126+89.19	32.78' LT	872.14
9716	126+89.19	27.45' LT	872.06
9717	126+99.19	28.04' LT	872.55
9718	126+99.19	32.74' LT	872.68



CURB RAMP POINTS LINCOLN SW			
POINT NO.	STATION	OFFSET	ELEVATION
9800	126+13.95	20.00' RT	871.79
9801	126+20.65	21.15' RT	871.71
9802	126+26.36	24.31' RT	871.64
9803	126+28.12	25.89' RT	871.60
9804	126+32.45	32.41' RT	871.05
9805	126+33.95	40.09' RT	870.63
9806	126+17.05	22.78' RT	872.17
9807	126+20.42	23.74' RT	871.63
9808	126+25.76	27.08' RT	871.54
9809	126+28.59	30.41' RT	871.83
9810	126+10.42	29.82' RT	872.12
9811	126+10.42	34.68' RT	872.02
9812	126+20.42	27.08' RT	871.64
9813	126+20.42	29.08' RT	871.74
9814	126+20.42	29.77' RT	871.77
9815	126+20.42	34.77' RT	871.83
9816	126+25.76	34.77' RT	871.75
9817	126+25.76	29.77' RT	871.68

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CURB RAMP DETAILS - LINCOLN AVE	SHEET 50 E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021010-CD TO 0210XX-CD.DWG
LAYOUT NAME - 27
PLOT DATE : 4/28/2023 2:57 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

B

506 LINN ST
JOEY M VAN WIE LC

420 LINN ST
BAC LLC

507 LINN ST
TERESA K LLC

433 LINN ST
QSM HOLDINGS LLC

W MULBERRY ST

11+00'M'

R/W

TLE

STH 33

STA. 10+50.00'M'
22.09' LT

STA. 10+45.37'M'
22.46' LT

STA. 4+27.74, 48.73' LT.
STA. 10+47.32'M', 47.38' LT.
25'R.

STA. 10+50.00'M'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+50.00'M'
22.39' RT

STA. 10+44.34'M'
22.55' RT

STA. 10+47.32'M', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 5+20.22, 45.00' LT.
STA. 10+45.05'M', 47.54' RT.
25'R.

STA. 5+09.26
32.00' LT

STA. 5+04.26
31.97' LT

STA. 5+98.49
36.41' LT

STA. 5+96.03
32.00' LT

STA. 6+00.95
31.99' LT

STA. 4+26.33
23.77' LT

STA. 4+00.00
25.30' LT

STA. 5+20.22
20.00' LT

STA. 4+72.95 =
STA. 10+00.00'M'

STA. 4+63.38 =
STA. 10+00.00'M'

STA. 4+00.00
SAWCUT & MATCH
EXISTING PAV'T.

STA. 5+06.54
20.00' RT

STA. 4+23.31
22.13' RT

STA. 4+00.00
22.17' RT

STA. 4+21.79
22.13' RT

STA. 4+15.19, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 4+23.32, 42.13' RT.
STA. 9+56.43'M', 38.00' LT.
20'R.

STA. 9+40.00'M', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+50.00'M'
31.49' LT

STA. 9+56.43'M'
18.00' LT

STA. 9+50.00'M'
18.00' LT

STA. 9+35.00'M'
18.03' LT

STA. 5+23.46
37.00' RT

STA. 5+06.54, 45.00' RT.
STA. 9+55.41'M', 43.00' RT.
25'R.

STA. 9+55.41'M'
18.00' RT

STA. 9+50.00'M'
18.00' RT

STA. 9+40.00'M'
18.20' RT

STA. 9+35.00'M'
18.20' RT

STA. 9+35.00'M'
SAWCUT & MATCH
EXISTING PAV'T.

22.1'
22.4'
18.0'
18.0'
25.3'
22.2'
11.2'
11.0'
13.0'
14.0'
13.0'
5.0'
4.5'
5.0'
4.5'
5.0'
89°
91°
5+00
6+00
4+00

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - W MULBERRY STREET	SHEET 51	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 2:13 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

408 LINN ST
WISCONSIN RIVER TITLE CONSULTANTS LLC

328 LINN ST
PHILIP V HERRITZ

320 LINN ST
PHILIP V HERRITZ

312 LINN S
DAVID A GE

B

N

STA. 7+92.11
37.00' LT

STA. 8+17.93
37.00' LT

STA. 8+25.85
34.00' LT

TLE

5.0'

2.0'

DRWY

STA. 9+15.15
34.00' LT

5.0'

R/W

STA. 10+60.10
37.00' LT

5.0'

4.5'

STA. 9+39.41
20.00' LT

13.0'

STA. 9+39.41 =
STA. 10+00.00'WA'

8+00

STH 33

9+00

10+00

14.0'

90°

STA. 8+97.13
20.00' RT

STA. 9+88.79
32.00' RT

STA. 9+82.15
20.00' RT

STA. 9+94.99
32.00' RT

3.6'

STA. 9+91.89, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 8+78.51, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 8+97.13, 45.00' RT.
STA. 9+55.21'WA', 42.50' LT.
25'R.

STA. 9+55.21'WA'
17.50' LT

STA. 9+82.15, 45.00' RT.
STA. 9+54.77'WA', 42.50' RT.
25'R.

STA. 10+47.49
37.00' RT

STA. 10+81.50
37.00' RT

17.5'

STA. 9+49.97'WA'
25.00' LT

STA. 9+49.94'WA'
17.50' LT

STA. 9+54.77'WA'
25.00' RT

STA. 9+54.77'WA'
17.50' RT

STA. 9+50.00'WA'
17.50' RT

STA. 9+30.00'WA'
25.00' LT

STA. 9+30.00'WA'
17.50' LT

STA. 9+25.00'WA'
17.50' LT

STA. 9+40.00'WA'
17.30' RT

STA. 9+25.00'WA'
17.44' RT

STA. 9+40.00'WA'
25.00' RT

STA. 9+25.00'WA'
SAWCUT & MATCH
EXISTING PAV'T.

WALNUT ST

9+00'WA'

401 LINN ST
TOP HAT HOLDINGS LLC

333 LINN ST
TOP HAT HOLDINGS LLC

323 LINN ST
JORDAN D VOLK

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - WALNUT STREET	SHEET 52	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 02

PLOT DATE : 4/28/2023 2:13 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

POINT NO.	STA.	OFFSET.	RADIUS
1	13+58.12	2.0' LT.	3.5'
2	13+78.12	2.0' LT.	3.5'
3	13+78.12	2.0' RT.	3.5'
4	13+58.12	2.0' RT.	3.5'

N

2

11+00'CO'

CONNIE RD

R/W

STA. 10+60.00'CO'
17.97' LT

STA. 10+50.00'CO'
18.00' LT

STA. 10+44.88'CO'
18.00' LT

STA. 10+49.68'CO', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 10+60.00'CO'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+60.00'CO'
18.04' RT

STA. 10+50.00'CO'
18.00' RT

STA. 10+45.55'CO'
18.00' RT

302 LINN ST
N A SHIELDS & CYNTHIA L
ENNIS LIVING TRUST

246 LINN ST
PARCHEM
RENTALS LLC

242 LINN ST
PARCHEM
RENTALS LLC

240 LIN

TLE

STA. 12+75.95, 45.00' LT.
STA. 10+44.88'CO', 43.00' LT.
25'R.

STA. 13+62.40, 45.00' LT.
STA. 10+45.55'CO', 43.00' RT
25'R.

STA. 14+19.22
37.00' LT

STA. 14+83.78
37.00' LT

18.0'

5.0'

4.5'

13.0'

14.0'

STH 33

STA. 12+75.95
20.00' LT

STA. 13+18.82 =
STA. 10+00.00'CO'

89°

STA. 13+62.40
20.00' LT

STA. 14+25.13 =
STA. 10+00.00'C'

90°

STA. 13+81.36
20.00' RT

STA. 14+67.81
20.00' RT

STA. 15+09.86
32.00' RT

STA. 13+07.89
37.00' RT

STA. 13+22.80
37.00' RT

STA. 13+81.36, 43.00' RT.
STA. 9+54.26'C', 45.00' LT.
25'R.

STA. 14+67.81, 45.00' RT.
STA. 9+55.31'C', 43.00' RT.
25'R.

STA. 15+06.24
32.00' RT

STA. 9+54.26'C'
18.00' LT

STA. 9+50.00'C'
18.00' LT

STA. 9+40.00'C'
17.78' LT

STA. 9+40.00'C'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 9+55.31'C'
18.00' RT

STA. 9+50.00'C'
18.00' RT

STA. 9+40.00'C'
17.75' RT

STA. 15+08.05, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

315 LINN ST
OHN E EDWARDS

301 LINN ST

867.256

301 LINN ST

CEDAR ST

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - CONNIE ROAD/CEDAR STREET	SHEET 53	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 03

PLOT DATE : 4/28/2023 2:13 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

N

218 LINN ST
WEST HILL DEVELOPMENT LLC

206 LINN ST
WEST HILL DEVELOPMENT LLC

166 LINN ST
WEST HILL DEVELOPMENT LLC

615
DEVE

B

TLE

STA. 17+28.28
37.00' LT

STA. 17+32.11
32.00' LT

STA. 18+50.92, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 18+49.34
32.00' LT

STA. 18+52.49
32.00' LT

STA. 19+50.26
37.00' LT

STA. 19+45.11
32.00' LT

STA. 19+61.83
37.00' LT

STA. 19+65.11
32.00' LT

STA. 20+13.24
37.00' LT

5.0'
R/W
4.5'
IP
POST
MAIL
WV

13.0'
14.0'
STH 33
18+00
19+00
20+00
1
2
3
4
90°

STA. 19+09.64 =
STA. 10+00.00'WI'

STA. 18+66.89
20.00' RT

STA. 19+52.89
20.00' RT

STA. 17+15.84
32.00' RT

STA. 17+19.79
32.00' RT

STA. 17+17.81, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 18+34.41
32.00' RT

STA. 18+37.21
32.00' RT

STA. 18+35.81, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 18+73.39
32.00' RT

STA. 18+66.89, 45.00' RT
STA. 9+55.24'WI', 43.00' LT
25'R.

STA. 19+67.41
32.00' RT

STA. 19+69.74
32.00' RT

STA. 19+52.89, 45.00' RT.
STA. 9+54.76'WI', 43.00' RT.
25'R.

STA. 19+68.58, RT
SAWCUT & MATCH
EXISTING SIDEWALK
REMOVE SIDEWALK TO
NEAREST JOINT.

18.0'

STA. 9+54.76'WI'
18.00' RT

STA. 9+50.00'WI'
18.00' RT

STA. 9+55.24'WI'
18.00' LT

STA. 9+50.00'WI'
18.00' LT

STA. 9+35.00'WI'
18.18' RT

POINT NO.	STA.	OFFSET.	RADIUS
1	18+52.89	2.0' LT.	3.5'
2	18+72.89	2.0' LT.	3.5'
3	18+72.89	2.0' RT.	3.5'
4	18+52.89	2.0' RT.	3.5'

B

203 LINN ST
WEBER RENTALS LLC

161 LINN ST
JOSHUA SKILONDZ

WILLOW ST

STA. 9+23.90'WI', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+08.00'WI', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+18.00'WI'
18.10' LT

STA. 9+08.00'WI'
18.10' LT

STA. 9+18.00'WI'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 9+18.00'WI'
18.09' RT

9+00'WI'

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

LINN ST
L L LUCE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - WILLOW STREET	SHEET 54	E

2

N

R/W

HILL ST

11+00'H'

STA. 10+85.00'H'
18.25' LT

STA. 10+80.00'H'
18.22' LT

STA. 10+65.00'H'
18.00' LT

STA. 10+80.00'H'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+80.00'H'
17.99' RT

STA. 10+65.00'H'
18.00' RT

STA. 10+56.91'H', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 10+49.80'H'
18.00' RT

STA. 10+42.60'H'
18.00' LT

STA. 20+51.79, 45.00' LT.
STA. 10+42.60'H', 43.00' LT.
25'R.

TLE

18.0'

18.0'

STA. 21+42.49, 45.00' LT.
STA. 10+49.80'H', 43.00' RT.
25'R.

STA. 20+37.47
37.00' LT

5.0'

5.0'

4.5'

STA. 20+23.10
20.00' LT

13.0'

STA. 20+23.10
0.00'

STA. 20+51.79
20.00' LT

STA. 21+42.49
20.00' LT

22+00

85°

21+00

STH 33

14.0'

STA. 20+93.29 =
STA. 10+00.00'H'

STA. 20+23.10
20.00' RT

13.0'

4.5'

5.0'

5.0'

R/W

STA. 20+41.39
32.00' RT

STA. 20+41.24
37.00' RT

TLE

STA. 21+07.86
37.00' RT

STA. 21+07.72
32.00' RT

STA. 21+46.94
32.00' RT

STA. 21+50.52
32.00' RT

STA. 21+48.73, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 21+79.70
37.00' RT

STA. 22+71.56
37.00' LT

STA. 22+67.36
32.00' LT

STA. 22+86.49
37.00' LT

STA. 22+83.84
32.00' LT

5.0'

TLE

R/W

5.0'

4.5'

13.0'

23+00

STH 33

14.0'

13.0'

STA. 22+50.00
27.00' RT

STA. 22+74.41
34.68' RT

5.0'

4.5'

5.0'

5.0'

R/W

5.0'

STA. 22+48.63
37.00' RT

STA. 22+72.80
44.64' RT

B

B

B

B

138 LINN ST
KARL A DENKER

146 LINN ST
JAMES F STANDIFORD

W HILL ST
WEST HILL
LOPMENT LLC

135 LINN ST
KPG RIVERWALK LLC

147 LINN ST
KPG RIVERWALK LLC

POST

WV

SS

MAIL

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - HILL STREET	SHEET 55	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 05

PLOT DATE : 4/28/2023 2:13 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

LEGEND

CONCRETE SIDEWALK/CONCRETE DRIVEWAY

HMA PAVEMENT/ASPHALTIC SURFACE

DETECTABLE WARNING FIELD

GRASS FLARE

STA. 11+20.00'D'
20.37' LT

STA. 11+20.00'D'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 11+20.00'D'
20.10' RT

STA. 11+10.00'D'
20.00' RT

R/W

11+00'D'

DRAPER ST

STA. 10+75.00'D'
21.55' LT

STA. 10+75.00'D', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 10+70.00'D'
22.00' LT

STA. 10+70.00'D'
30.50' LT

STA. 10+69.33'D'
11.00' LT

STA. 10+50.00'D'
20.00' RT

STA. 10+44.00'D'
21.00' RT

808 8TH AVE
ADAM J KLITZKE

TLE

6.0'

11.0'

11.0'

20.0'

STA. 10+40.04'D'
22.00' LT

STA. 10+45.03'D'
30.50' LT

STA. 10+39.47'D'
11.00' LT

STA. 10+44.45'D', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 39+19.07, 41.00' LT.
STA. 10+40.86'D', 40.00' RT.
20'R.

724 8TH AVE
JAMES C DABEL

STA. 10+32.50'D', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 38+37.19, 40.00' LT.
STA. 10+40.04'D', 42.00' LT.
20'R.

STA. 37+21.16
30.86' LT

STA. 37+36.16
31.25' LT

STA. 10+32.92'D', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 39+00.07
40.93' LT

5.0'

5.0'

1.5'

8.0'

STA. 39+19.07
22.00' LT

6.0'

STA. 38+37.19
20.00' LT

18.0'

2.0'

STA. 38+37.19
2.00' LT

STH 33

38+00

39+00

90°

STA. 38+79.22 =
STA. 10+00.00'H'

STA. 38+96.00
22.00' RT

STA. 39+21.20
0.00'

STA. 40+16.56
0.00'

40+00

11.0'

11.0'

11.0'

11.0'

11.0'

STA. 38+40.00
20.00' RT

DRIVEWAY OPENING FOR
MAINTENANCE VEHICLES
FOR TRAFFIC SIGNALS

STA. 38+90.00
21.00' RT

STA. 39+28.56
11.00' RT

STA. 40+16.53
11.00' RT

1.5'

8.2'

7.5'

7.2'

2.5'

7.0'

7.0'

7.5'

8.0'

8.7'

STA. 38+64.91
31.21' RT

CONCRETE CURB
PEDESTRIAN

STA. 38+89.98
30.96' RT

STA. 39+03.68
30.68' RT

CONCRETE CURB
PEDESTRIAN

STA. 39+47.02, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 39+61.38, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

R/W

B

N

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - DRAPER STREET	SHEET 56	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 06

PLOT DATE : 4/28/2023 2:13 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

Z

N

B

708 8TH AVE
KRISTI FELD

702 8TH AVE
GRIFFIN JAMES

638 8TH AVE
EDWIN A TAYLOR

630 8TH AVE
MARILYN E ROHDE

633 8TH AVE
PRIVATE

PARK ST

11+00'P'

R/W

STA. 10+69.00'P'
12.60' LT

STA. 10+61.00'P'
13.69' LT

STA. 10+55.00'P'
15.50' LT

STA. 10+45.90'P'
15.50' LT

STA. 10+52.18'P', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 10+69.00'P'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+69.00'P'
13.43' RT

STA. 10+55.00'P'
15.50' RT

STA. 10+51.90'P', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 10+45.67'P'
15.50' RT

14.5'

15.5'

STA. 42+40.09, 46.00' LT.
STA. 10+45.90'P', 39.50' LT.
25'R.

TLE

STA. 42+24.73, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 43+20.71, 45.00' LT.
STA. 10+45.67'P', 40.50' RT.
25'R.

TLE

STA. 43+44.24, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

1.5'

11.0'

11.0'

11.0'

STA. 41+46.21
11.00' LT

STA. 42+34.21
22.00' LT

STA. 42+40.09
22.00' LT

STA. 43+20.71
20.00' LT

13.0'

14.0'

13.0'

STH 33

42+00

43+00

44+00

89°

ONLY

STA. 42+41.53
11.00' RT

STA. 42+79.47 =
STA. 10+00.00'P'

STA. 43+15.46
7.00' RT

STA. 43+15.32
20.00' RT

STA. 42+44.86
22.00' RT

1.5'

STA. 9+60.59'P'
16.50' RT

STA. 43+45.29
26.26' RT

STA. 43+65.29
26.03' RT

STA. 42+32.04, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

TLE

STA. 42+44.86, 41.00' RT.
STA. 9+58.91'P', 34.50' LT.
20'R.

STA. 43+25.84, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

TLE

STA. 43+15.32, 40.00' RT.
STA. 9+60.59'P', 36.50' RT.
20'R.

14.5'

16.5'

STA. 9+53.93'P', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+58.91'P'
15.50' LT

STA. 9+55.00'P'
15.50' LT

STA. 9+49.00'P'
14.11' LT

STA. 9+54.89'P', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+55.00'P'
16.50' RT

STA. 9+35.00'P'
15.24' RT

STA. 9+35.00'P'
13.22' LT

STA. 9+35.00'P'
SAWCUT & MATCH
EXISTING PAV'T.

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - PARK STREET	SHEET 57	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 07

PLOT DATE : 4/28/2023 2:14 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

CONCRETE SIDEWALK/CONCRETE DRIVEWAY

HMA PAVEMENT/ASPHALTIC SURFACE

DETECTABLE WARNING FIELD

GRASS FLARE

N

606 8TH AVE
STEVEN A CAPENER

1006 SUMMIT AVE
JACQUELINE J KEISTER

532 8TH AVE
RICHARD R KIMPFBECK

603 8TH AVE
ALONDRA LLC

541 8TH AVE
URT WILLIAM
JOHNSON

533 8TH AVE
GABRIEL
L HALL

B

SUMMIT ST

11+00'S'

R/W

STA. 10+65.00'S'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+65.00'S'
14.02' RT

STA. 10+65.00'S'
13.93' LT

STA. 10+55.00'S'
15.00' RT

STA. 10+55.00'S'
15.00' LT

STA. 10+44.96'S', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 10+44.98'S'
15.00' LT

STA. 10+44.62'S'
15.00' RT

STA. 10+43.20'S', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

15.0'

15.0'

TLE

STA. 47+64.77, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 47+68.01, 45.00' LT.
STA. 10+44.98'S', 40.00' LT.
25'R.

STA. 48+47.20, 45.00' LT.
STA. 10+44.62'S', 40.00' RT.
25'R.

STA. 48+49.76, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 46+49.93
31.42' LT

STA. 46+84.93
31.46' LT

STA. 47+64.77
31.54' LT

STA. 47+29.77
31.55' LT

STA. 47+68.01
20.00' LT

STA. 48+47.20
20.00' LT

13.0'

14.0'

13.0'

STH 33

47+00

48+00

49+00

90°

10+00'S'

STA. 48+07.81 =
STA. 10+00.00'S'

STA. 47+72.63
20.00' RT

STA. 48+43.35
20.00' RT

STA. 47+64.15, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+67.14'S'
43.34' LT

CONCRETE CURB
PEDESTRIAN

STA. 47+72.64, 40.00' RT.
STA. 9+60.01'S', 35.00' LT.
20'R.

STA. 46+58.08
26.78' RT

STA. 46+46.08
26.72' RT

STA. 46+81.31
26.59' RT

STA. 47+16.31
26.86' RT

STA. 48+43.35, 40.00' RT.
STA. 9+59.68'S', 35.00' RT.
20'R.

STA. 48+71.80, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+59.68'S'
15.00' RT

STA. 9+60.01'S'
15.00' LT

STA. 9+55.00'S'
15.00' LT

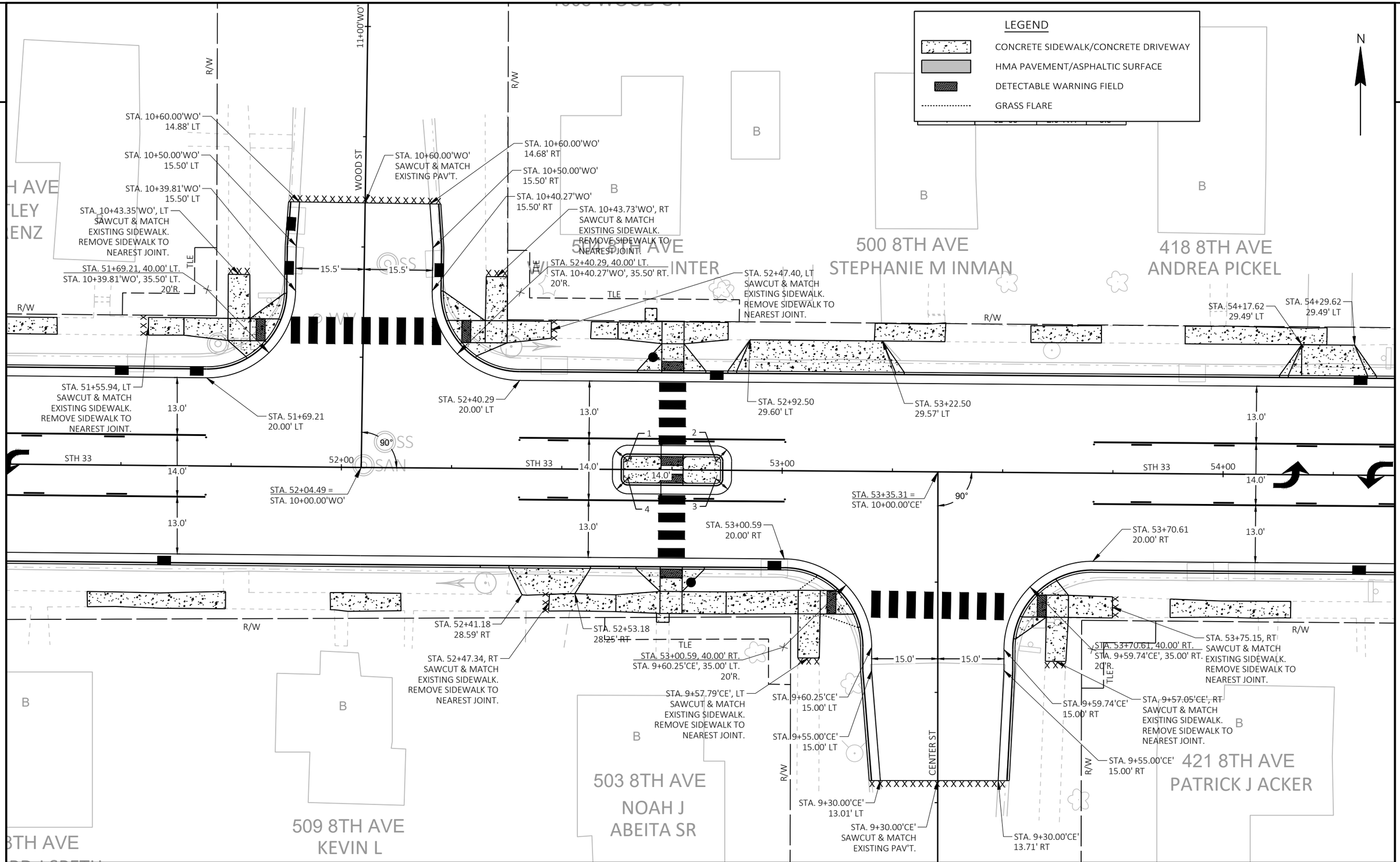
STA. 9+45.00'S'
15.10' LT

STA. 9+45.00'S'
15.00' RT

STA. 9+50.93'S', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+45.00'S'
SAWCUT & MATCH
EXISTING PAV'T.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - SUMMIT STREET	SHEET 58	E



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - WOOD STREET/CENTER STREET	SHEET 59	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 09
PLOT DATE : 4/28/2023 2:14 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

406 8TH AVE
GASS LIVING TRUST

1005 WEST ST
GASS LIVING TRUST

1008 WEST ST
RHONDA NACHREINER

320 8TH AVE
DIANA VERWEY

332 8TH AVE
ITALS LLC

919 WEST ST
FRANCES L YUKUS

335 8TH AVE
LACELYNN PROPERTIES LLC

329 8TH AVE
MICHAEL L SAINSBURY

WEST ST

R/W

TLE

STH 33

56+00

57+00

58+00

90°

13.0'

14.0'

15.0'

STA. 10+60.00'WE'
13.58' LT

STA. 10+50.00'WE'
15.00' LT

STA. 10+40.13'WE'
15.00' LT

STA. 10+43.11'WE', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 56+48.08, 40.00' LT.
STA. 10+40.13'WE', 35.00' LT.
20'R.

STA. 56+40.75, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 56+48.08
20.00' LT

STA. 56+83.24 =
STA. 10+00.00'WE'

STA. 10+60.00'WE'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+60.00'WE'
13.86' RT

STA. 10+50.00'WE'
15.00' RT

STA. 10+39.83'WE'
15.00' RT

STA. 57+18.05, 40.00' LT.
STA. 10+39.83'WE', 35.00' RT.
20'R.

STA. 57+36.42, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 57+18.05
20.00' LT

STA. 56+48.39
20.00' RT

STA. 56+10.37
28.88' RT

STA. 55+98.37
28.83' RT

STA. 56+40.42, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 56+48.39, 40.00' RT.
STA. 9+60.13'WE', 35.00' LT.
20'R.

STA. 9+57.11'WE', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+60.13'WE'
15.00' LT

STA. 9+55.00'WE'
15.00' LT

STA. 9+45.00'WE'
14.57' LT

STA. 9+45.00'WE'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 9+59.83'WE'
15.00' RT

STA. 9+55.00'WE'
15.00' RT

STA. 9+45.00'WE'
14.19' RT

STA. 57+18.43
20.00' RT

STA. 57+18.43, 40.00' RT.
STA. 9+59.83'WE', 35.00' RT.
20'R.

STA. 57+31.60, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+56.85'WE', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - WEST STREET	SHEET 60	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 10

PLOT DATE : 4/28/2023 2:14 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

LEGEND

CONCRETE SIDEWALK/CONCRETE DRIVEWAY

HMA PAVEMENT/ASPHALTIC SURFACE

DETECTABLE WARNING FIELD

GRASS FLARE

N

1005 BIRCH ST
BIG BADGER PROPERTIES LLC

234 8TH AVE
RANDALL M HOLTZ

311 8TH AVE
TIMOTHY J DIETSCH

305 8TH AVE
RHONDA L JONES

233 8TH AVE
ERIK A HINTZE

227 8TH AVE
JASON D SCOTT

BIRCH ST

11+00'BI'

10+00'BI'

R/W

PLE

TLE

STH 33

ONLY

90°

13.0'

14.0'

5.0'

4.5'

60+00

61+00

62+00

STA. 10+60.00'BI'
13.14' LT

STA. 10+50.00'BI'
13.00' LT

STA. 10+40.15'BI'
13.00' LT

STA. 10+43.10'BI', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 61+12.19, 40.00' LT.
STA. 10+40.15'BI', 33.00' LT.
20'R.

STA. 61+03.86, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 61+12.19
20.00' LT

STA. 61+12.55
20.00' RT

STA. 61+03.86, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 61+12.55, 40.00' RT.
STA. 9+60.15'BI', 33.00' LT.
20'R.

STA. 9+60.15'BI'
13.00' LT

STA. 9+55.00'BI'
13.00' LT

STA. 9+30.00'BI'
13.06' LT

STA. 10+60.00'BI'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+60.00'BI'
13.02' RT

STA. 10+50.00'BI'
13.00' RT

STA. 10+39.87'BI'
13.00' RT

STA. 10+42.38'BI', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 61+78.22, 40.00' LT.
STA. 10+39.87'BI', 33.00' RT.
20'R.

STA. 62+65.00
27.50' LT

STA. 62+75.00
27.00' LT

STA. 61+78.22
20.00' LT

STA. 61+78.59
7.00' LT

STA. 61+45.37 =
STA. 10+00.00'BI'

STA. 61+78.98
7.00' RT

STA. 61+78.53
20.00' RT

STA. 62+83.93
20.00' RT

STA. 61+88.94, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+59.87'BI'
13.00' RT

STA. 9+55.00'BI'
13.00' RT

STA. 61+78.53, 40.00' RT.
STA. 9+59.87'BI', 33.00' RT.
20'R.

STA. 9+57.07'BI', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+30.00'BI'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 9+30.00'BI'
13.43' RT

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - BIRCH STREET	SHEET 61	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 11

PLOT DATE : 4/28/2023 2:14 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

N

STA. 64+85.15, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

202 8TH AVE
DAVID M MCCASEY

138 8TH AVE
JOHN W & JEAN B
ALT LIVING TRUST

130 8TH AVE
PRESTON
J QUINN

130 8TH AVE
PRESTON
J QUINN

TLE

STA. 65+64.43
27.00' LT

STA. 65+74.43
27.50' LT

STA. 66+45.20
39.50' LT

STA. 66+54.49
39.50' LT

R/W

5.0'

4.5'

STA. 66+65.52
27.50' LT

STA. 66+70.52, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

13.0'

14.0'

12.0'

65+00

66+00

67+00

STH 33

20.0'

22.0'

STA. 66+23.27 =
STA. 10+00.00'B'

90°

STA. 65+79.93
7.00' RT

STA. 65+68.32
31.00' RT

STA. 66+38.87
22.00' RT

STA. 66+38.87, 26.50' RT.
STA. 9+73.44'B', 15.50' RT.
4.5'R.

STA. 66+49.31
22.00' RT

STA. 67+15.62
7.00' RT

STA. 67+39.70
20.00' RT

STA. 9+73.44'B'
11.00' RT

STA. 66+49.31, 26.50' RT.
STA. 9+73.40'B', 25.94' LT.
4.5'R.

WALL MODULAR
BLOCK GRAVITY
LANDSCAPE

6.0'

11.0'

STA. 9+70.23'B'
29.15' RT

R/W

5.0'

TLE

STA. 65+61.76
39.50' RT

STA. 65+41.38
44.50' RT

STA. 64+62.40
44.50' RT

STA. 65+68.08
39.50' RT

STA. 65+84.94
46.00' RT

STA. 65+65.14, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 65+68.32, 64.00' RT.
STA. 9+36.04'B', 55.00' LT.
33'R.

STA. 9+56.82'B'
11.00' RT

STA. 66+37.44, 43.12' RT.
STA. 9+56.82'B', 14.00' RT.
3'R.

27.0'

STA. 9+55.09'B'
16.45' RT

STA. 67+41.65, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

201 8TH AVE
BEANCOUNTER
INVESTMENTS LLC

STA. 9+36.04'B'
22.00' LT

BROADWAY (STH 113)

STA. 9+28.87'B'
33.49' LT

22.0'

STA. 9+18.87'B', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

9+00'B'

STA. 67+39.70, 115.00' RT.
STA. 8+84.55'B', 115.99' RT.
122'R.

129 8TH AVE
COMMUNITY FIRST
BANK

STA. 8+88.25'B'
21.06' RT

STA. 8+95.57'B'
33.08' RT

21.0'

STA. 8+86.79'B'
21.00' RT

STA. 8+85.59'B', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 67+39.70, 115.00' RT.
STA. 8+84.55'B', 115.99' RT.
95'R.

STA. 8+89.97'B'
22.00' LT

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - BROADWAY (STH 113)	SHEET 62	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 12

PLOT DATE : 4/28/2023 2:14 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

N

108 8TH AVE
CHARLES R NEWBY

1005 OAK ST
BROCK DONNILE

103 8TH ST
RINGLING STONE LLC

109 8TH ST
LIYING SU

919 OAK ST
ANDREW FUCHS

918 OAK ST
JOHN ROBERT GRADY

B

R/W

OAK ST

11+00'O'

10+00'O'

STA. 10+60.00'O'
15.53' LT

STA. 10+50.00'O'
15.50' LT

STA. 10+40.17'O'
15.50' LT

STA. 10+43.14'O', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 70+57.62, 40.00' LT.
STA. 10+40.17'O', 35.50' LT.
20'R.

TLE

STA. 10+60.00'O'
SAWCUT & MATCH
EXISTING PAV'T.

15.5'

15.5'

STA. 10+60.00'O'
15.51' RT

STA. 10+50.00'O'
15.50' RT

STA. 10+39.88'O'
15.50' RT

STA. 10+42.90'O', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 71+28.68, 40.00' LT.
STA. 10+39.88'O', 35.50' RT.
20'R.

STA. 71+35.63, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 70+51.00, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 70+23.59
7.00' LT

13.0'

STA. 70+57.62
20.00' LT

STA. 70+60.55
7.00' LT

70+00

STH 33

14.0'

STA. 70+25.58
7.00' RT

13.0'

STA. 70+60.58
7.00' RT

STA. 70+57.75
20.00' RT

90°

71+00

STA. 70+93.31 =
STA. 10+00.00'O'

STA. 71+28.68
20.00' LT

13.0'

STH 33

72+00

14.0'

13.0'

STA. 71+29.19
20.00' RT

STA. 70+51.13, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 70+57.75, 40.00' RT.
STA. 9+60.17'O', 35.75' LT.
20'R.

TLE

15.75'

15.75'

STA. 9+57.14'O', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+60.17'O'
15.75' LT

STA. 9+55.00'O'
15.75' LT

STA. 9+23.00'O'
15.78' LT

STA. 9+23.00'O'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 71+36.07, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 71+29.19, 40.00' RT.
STA. 9+59.88'O', 35.75' RT.
20'R.

STA. 9+56.90'O', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+59.88'O'
15.75' RT

STA. 9+55.00'O'
15.75' RT

STA. 9+23.00'O'
15.73' RT

STA. 71+99.95
29.13' RT

STA. 72+18.95
28.82' RT

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - OAK STREET	SHEET 63	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 13

PLOT DATE : 4/28/2023 2:15 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

N

STA. 10+69.00'A'
15.33' LT

STA. 10+45.00'A'
15.50' LT

STA. 10+40.30'A'
15.50' LT

STA. 10+43.57'A', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 10+69.00'A'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+69.00'A'
15.23' RT

STA. 10+45.00'A'
15.50' RT

STA. 10+39.92'A'
15.50' RT

STA. 10+43.29'A', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

R/W

ASH ST

11+00'A'

129 8TH ST
STACEY L GRAF

133 8TH ST
DAVID J BRAUN

201 8TH ST
JULIART
VENTURES LLC LC

201 8
JULIART VEN

B

15.5'

15.5'

STA. 75+22.21, 40.00' LT.
STA. 10+40.30'A', 35.50' LT.
20'R.

TLE

STA. 75+15.21, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 75+93.46, 40.00' LT.
STA. 10+39.92'A', 35.50' RT.
20'R.

TLE

STA. 76+11.78, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 75+22.21
20.00' LT

STA. 75+93.46
20.00' LT

13.0'

13.0'

STA. 77+01.89
7.00' LT

STA. 75+90.94
7.00' LT

90°

STH 33

75+00

76+00

77+00

14.0'

STA. 75+58.05 =
STA. 10+00.00'A'

STA. 75+22.39
20.00' RT

STA. 75+90.90
7.00' RT

STA. 75+94.14
20.00' RT

13.0'

13.0'

STA. 77+01.89
7.00' RT

STA. 75+16.11, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

TLE

STA. 75+22.39, 40.00' RT.
STA. 9+60.31'A', 36.00' LT.
20'R.

STA. 9+57.84'A', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+60.31'A'
16.00' LT

STA. 9+45.00'A'
16.00' LT

915 ASH ST
TIMOTHY E MELKA

16.0'

16.0'

STA. 75+94.14, 40.00' RT.
STA. 9+59.92'A', 36.00' RT.
20'R.

STA. 9+58.06'A', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+59.92'A'
16.00' RT

STA. 9+45.00'A'
16.00' RT

STA. 76+03.62, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

918 ASH ST
RODNEY W CLARK

B

R/W

ASH ST

10+00'A'

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - ASH STREET	SHEET 64	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 14

PLOT DATE : 4/28/2023 2:15 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

N

221 8TH ST
TIMOTHY CAPPS

231 8TH ST
MARY JEAN LEWIS

241 8TH ST
JOSEPH JOHN SCRENOCK

313 8
JOSEPH JOH

220 8TH ST
EMMETT H MCCARTHY

302 8TH ST
WILD APPLES LLC

B

R/W

EAST ST

11+00'E'

10+00'E'

16.0'

13.0'

14.0'

TLE

20'R.

STA. 10+70.00'E'
16.03' LT

STA. 10+60.00'E'
16.00' LT

STA. 10+40.01'E'
16.00' LT

STA. 10+41.96'E', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 79+57.74, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 79+85.33, 40.00' LT.
STA. 10+40.01'E', 36.00' LT.

STA. 79+85.33
20.00' LT

STA. 79+84.89
7.00' LT

STA. 79+84.89
7.00' RT

STA. 79+85.35
20.00' RT

STA. 10+70.00'E'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+70.00'E'
16.16' RT

STA. 10+60.00'E'
16.00' RT

STA. 10+40.06'E'
16.00' RT

STA. 10+42.15'E', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 80+57.40, 40.00' LT.
STA. 10+40.06'E', 36.00' RT.

STA. 80+63.67, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 80+57.40
20.00' LT

STA. 80+58.00
7.00' LT

STA. 80+58.00
7.00' RT

STA. 80+57.28
20.00' RT

STA. 80+21.34 =
STA. 10+00.00'E'

90°

79+00

80+00

81+00

STH 33

STA. 9+60.01'E'
16.00' LT

STA. 9+55.00'E'
16.00' LT

STA. 9+45.00'E'
16.21' LT

STA. 9+45.00'E'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 9+45.00'E'
15.45' RT

STA. 9+55.00'E'
16.00' RT

STA. 9+60.06'E'
16.00' RT

STA. 9+58.14'E', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 80+57.28, 40.00' RT.
STA. 9+60.06'E', 36.00' RT.

STA. 80+80.15, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 79+79.45, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 79+85.35, 40.00' RT.
STA. 9+60.01'E', 36.00' LT.

STA. 9+57.69'E', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - EAST STREET	SHEET 65	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 15

PLOT DATE : 4/28/2023 2:15 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

LEGEND

CONCRETE SIDEWALK/CONCRETE DRIVEWAY

HMA PAVEMENT/ASPHALTIC SURFACE

DETECTABLE WARNING FIELD

GRASS FLARE

N

R/W

11+00'WR'

WARREN ST

STA. 10+55.00'WR'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+55.00'WR'
14.93' LT

STA. 10+45.00'WR'
16.00' LT

STA. 10+40.16'WR'
16.00' LT

STA. 10+42.28'WR', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 84+46.64, 40.00' LT.
STA. 10+40.16'WR', 36.00' LT.
20'R.

TLE

16.0'

16.0'

STA. 10+55.00'WR'
14.99' RT

STA. 10+45.00'WR'
16.01' RT

STA. 10+39.84'WR'
16.00' RT

STA. 10+43.17'WR', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 85+18.64, 40.00' LT.
STA. 10+39.84'WR', 36.00' RT.
20'R.

TLE

STA. 85+20.93, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 83+49.77
26.83' LT

R/W

STA. 83+61.77
27.16' LT

STA. 84+38.85, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

R/W

13.0'

STA. 84+46.64
20.00' LT

STA. 85+18.64
20.00' LT

13.0'

90°

STA. 84+48.35
7.00' LT

STH 33

84+00

14.0'

85+00

STA. 84+82.81 =
STA. 10+00.00'WR'

STH 33

86+00

14.0'

13.0'

STA. 84+48.35
7.00' RT

13.0'

STA. 83+88.37
27.81' RT

STA. 84+04.37
27.73' RT

TLE

STA. 84+38.85, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 84+80.66, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

R/W

326 8TH ST
ROGER A LA MASNEY

332 8TH ST
ROGER A LA MASNEY

338 8TH ST
JASON PAUL COGNAC

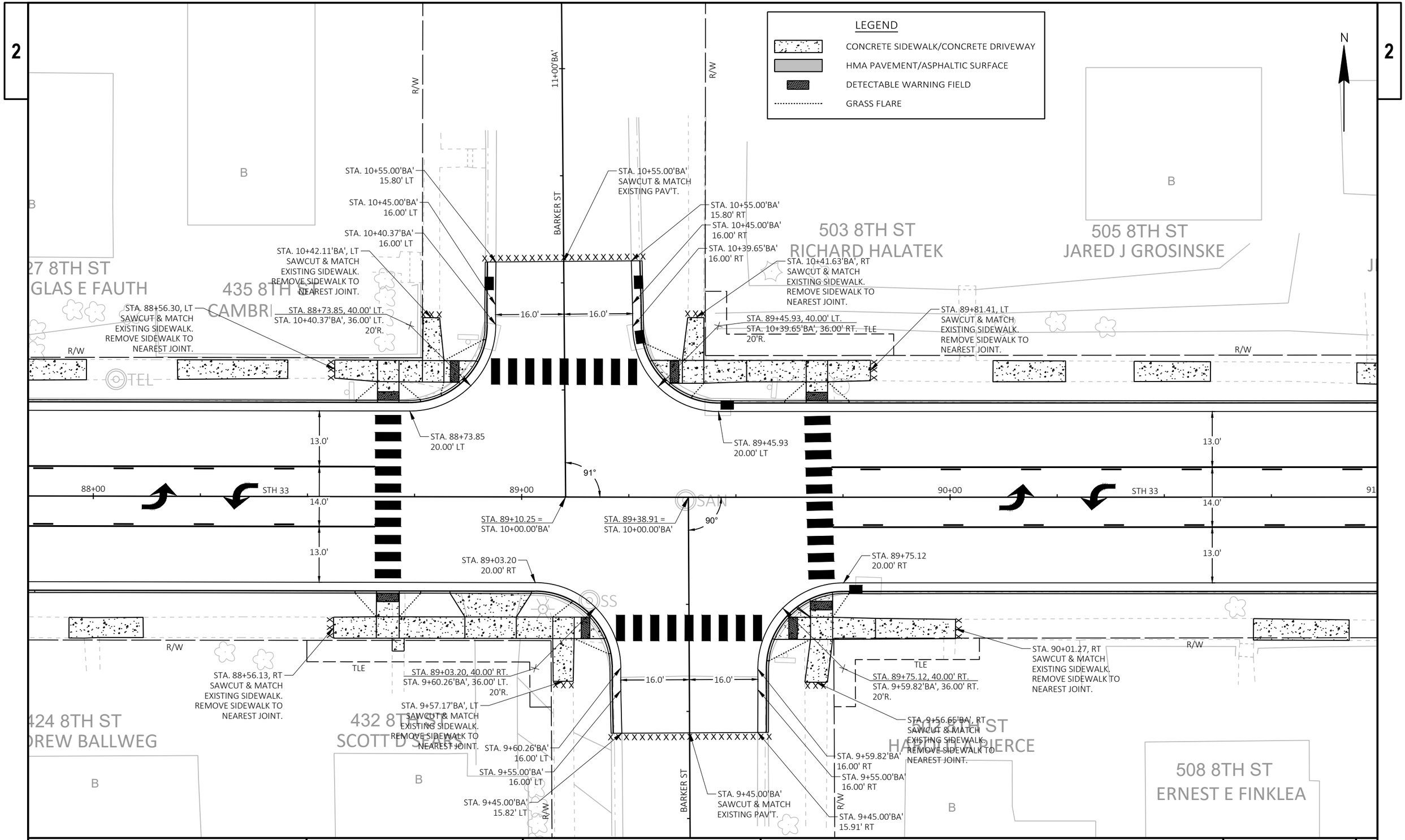
402 8TH ST
PATRICIA K ADAMS

408 8TH ST
ROGER A LA MASNEY

407 8TH ST
KYLE MJELDE

B

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - WARREN STREET	SHEET 66	E



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - BARKER STREET	SHEET 67	E

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

N

525 8TH ST
JENNIFER D JOHNSON

605 8TH ST
KATHRYN A O'BRIEN-HOEGE

514 8TH ST
SABRINA SAPP

604 8TH ST
CONVENIENCE ST
INVESTMENTS

512 8TH ST
PAMELA K BREDESEN

ELIZABETH ST

11+00'EL'

10+00'EL'

R/W

15.5'

15.5'

16.0'

16.0'

13.0'

13.0'

14.0'

13.0'

2
23.0'

90°

92+00

93+00

94+00

STH 33

STA. 10+60.00'EL'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+60.00'EL'
15.61' LT

STA. 10+50.00'EL'
15.50' LT

STA. 10+40.18'EL'
15.50' LT

STA. 10+41.39'EL', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 93+01.26, 40.00' LT.
STA. 10+40.18'EL', 35.50' LT.
20'R.

TLE

STA. 91+92.94
26.72' LT

STA. 92+04.94
26.73' LT

STA. 92+93.88, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 93+01.26
20.00' LT

STA. 93+01.16
20.00' RT

STA. 92+14.98
28.73' RT

STA. 92+26.98
28.76' RT

STA. 92+70.16, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 93+01.16, 40.00' RT.
STA. 9+60.18'EL', 36.00' LT.
20'R.

STA. 9+55.63'EL', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+60.18'EL'
16.00' LT

STA. 9+50.00'EL'
16.00' LT

STA. 9+40.00'EL'
15.77' LT

STA. 9+59.92'EL'
16.00' RT

STA. 9+52.99'EL'
18.27' RT

STA. 9+40.00'EL'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 93+36.96 =
STA. 10+00.00'EL'

STA. 10+60.00'EL'
15.42' RT

STA. 10+50.00'EL'
15.50' RT

STA. 10+39.92'EL'
15.50' RT

STA. 10+42.48'EL', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 93+72.36, 40.00' LT.
STA. 10+39.92'EL', 35.50' RT.
20'R.

STA. 93+72.36
20.00' LT

STA. 93+81.24, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 93+73.05
20.00' RT

STA. 93+80.67
28.10' RT

STA. 94+00.67
28.16' RT

STA. 94+09.17
28.13' RT

STA. 94+44.17
28.32' RT

STA. 94+80.85
28.05' RT

STA. 93+73.05, 40.00' RT.
STA. 9+59.92'EL', 36.00' RT.
20'R.

STA. 9+57.43'EL', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 93+80.67, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+59.33'EL'
16.00' RT

STA. 9+49.98'EL'
20.73' RT

STA. 9+43.64'EL'
23.00' RT

STA. 9+42.64'EL'
23.00' RT

STA. 9+40.00'EL'
22.81' RT

STA. 94+77.30
27.45' LT

STA. 94+89.30
27.38' LT

STA. 94+68.80
27.67' LT

STA. 94+56.80
27.59' LT

POINT NO.	STA.	OFFSET	STA.	OFFSET	RADIUS
1	93+63.05	40.61' RT.	9+59.33'EL'	26.00' RT.	10'
2	93+50.09	56.33' RT.	9+43.64'EL'	13.00' RT.	10'

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - ELIZABETH STREET	SHEET 68	E

2

2

N

613 8TH ST
BRUCE L MEYER

615 8TH ST
BRUCE L MEYER

617 8TH ST
LAVERNE R OTT

703 8TH ST
PHILIP T SMITH

618 8TH ST
CONVENIENCE STORE INVESTMENTS

704 8TH ST
CLM PROPERTIES LLC

708 8TH
CHRISTIAN

B

STA. 96+12.97, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 96+52.44, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 95+41.79
27.21' LT

STA. 95+53.79
27.06' LT

TLE

STA. 96+52.82
27.20' LT

STA. 96+69.82
26.95' LT

R/W

⊘ WV

13.0'

STH 33

14.0'

96+00

97+00

98+00

1

2

3

4

SAN

SS

STA. 96+83.32 =
STA. 10+00.00'CA'

90°

STA. 96+47.39
20.00' RT

STA. 97+19.51
20.00' RT

STA. 95+40.70
28.07' RT

STA. 95+64.70
28.38' RT

STA. 96+25.66, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

TLE

STA. 96+47.39, 40.00' RT.
STA. 9+60.07'CA', 36.00' LT.
20'R.

16.0'

16.0'

STA. 97+30.57, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

TLE

STA. 97+19.51, 40.00' RT.
STA. 9+59.83'CA', 36.00' RT
20'R.

STA. 9+56.81'CA', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+60.07'CA'
16.00' LT

STA. 9+55.00'CA'
16.00' LT

CAMP ST

STA. 9+59.83'CA'
16.00' RT

STA. 9+55.00'CA'
16.00' RT

STA. 9+25.00'CA'
16.13' LT

STA. 9+25.00'CA'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 9+25.00'CA'
12.33' RT

R/W

9+00'CA'

R/W

POINT NO.	STA.	OFFSET.	RADIUS
1	96+28.32	2.0' LT.	3.5'
2	96+48.32	2.0' LT.	3.5'
3	96+48.32	2.0' RT.	3.5'
4	96+28.32	2.0' RT.	3.5'

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - CAMP STREET	SHEET 69	E

2

2

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

N

717 8TH ST
JORDAN A WHITE

727 8TH ST
ST PAUL'S ENG EV LUTH CH

714 8TH ST
NICHOLAS HUEBING

722 8TH ST
J MERLE & DOROTHY A ALT LIVING TRUST

740 8TH ST
SCOTT C HILL

742 8TH ST
ISRAEL B HERNANDEZ LC

TUTTLE ST

WHEELER ST

STH 33

R/W

TLE

13.0'

14.0'

10.5'

9+00'WH'

90°

100+00

101+00

102+00

STA. 10+50.00'TU'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+50.00'TU'
13.16' LT

STA. 10+40.00'TU'
13.00' LT

STA. 10+35.16'TU'
10.50' LT

STA. 10+34.86'TU'
10.50' LT

STA. 99+96.96, 35.00' LT.
STA. 10+34.86'TU', 25.50' LT.
15'R.

STA. 99+69.56, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 99+96.96
20.00' LT

STA. 10+50.00'TU'
13.16' RT

STA. 10+40.00'TU'
13.00' RT

STA. 10+35.16'TU'
13.00' RT

STA. 100+50.46, 35.00' LT.
STA. 10+35.16'TU', 28.00' RT.
15'R.

STA. 100+65.80, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 100+50.46
20.00' LT

STA. 100+22.27 =
STA. 10+00.00'TU'

STA. 100+79.57 =
STA. 10+00.00'WH'

STA. 100+54.00
20.00' RT

STA. 101+04.88
20.00' RT

STA. 99+40.83
27.15' RT

STA. 99+56.83
27.18' RT

STA. 99+69.48
27.01' RT

STA. 99+89.48
26.95' RT

STA. 100+40.80, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 100+54.00, 35.00' RT.
STA. 9+64.93'WH', 25.50' LT.
15'R.

STA. 9+64.93'WH'
10.50' LT

STA. 9+55.00'WH'
10.50' LT

STA. 9+45.00'WH', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 9+45.00'WH'
10.16' LT

STA. 101+04.88, 35.00' RT.
STA. 9+65.16'WH', 25.50' RT.
15'R.

STA. 101+29.09, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 101+63.06
26.74' RT

STA. 101+80.06
27.09' RT

STA. 9+65.16'WH'
10.50' RT

STA. 9+55.00'WH'
10.50' RT

STA. 9+45.00'WH'
10.16' RT

STA. 9+45.00'WH'
SAWCUT & MATCH
EXISTING PAV'T.

POINT NO.	STA.	OFFSET.	RADIUS
1	100+45.30	2.0' LT.	3.5'
2	100+61.30	2.0' LT.	3.5'
3	100+61.30	2.0' RT.	3.5'
4	100+45.30	2.0' RT.	3.5'

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - TUTTLE STREET/WHEELER STREET	SHEET 70	E

2

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

N

STA. 10+73.00'J' 15.72' LT

STA. 10+73.00'J' SAWCUT & MATCH EXISTING PAV'T.

STA. 10+73.00'J' 15.68' RT

STA. 10+45.00'J' 16.00' LT

STA. 10+39.87'J' 16.00' LT

STA. 10+41.25'J', LT SAWCUT & MATCH EXISTING SIDEWALK. REMOVE SIDEWALK TO NEAREST JOINT.

STA. 10+45.00'J' 16.00' RT

STA. 10+40.13'J' 16.00' RT

STA. 10+42.42'J', RT SAWCUT & MATCH EXISTING SIDEWALK. REMOVE SIDEWALK TO NEAREST JOINT.

STA. 108+52.51, 40.00' LT. STA. 10+40.13'J', 36.00' RT. 20'R.

TLE

STA. 107+80.51, 40.00' LT. STA. 10+39.87'J', 36.00' LT. 20'R.

TLE

16.0'

16.0'

R/W

R/W

R/W

11+00'J'

JEFFERSON ST

825 8TH ST
JOSE PARRA VERA

935 8TH ST
BP OPERATORS LLC

935 8TH
BP
OPERAT
LLC

STA. 106+67.18 26.92' LT

STA. 106+84.18 26.88' LT

STA. 107+74.45, LT SAWCUT & MATCH EXISTING SIDEWALK. REMOVE SIDEWALK TO NEAREST JOINT.

STA. 108+58.21, LT SAWCUT & MATCH EXISTING SIDEWALK. REMOVE SIDEWALK TO NEAREST JOINT.

STA. 107+80.51 20.00' LT

STA. 108+52.51 20.00' LT

13.0'

13.0'

90°

90°

STH 33

107+00

14.0'

108+00

109+00

14.0'

STH 33

STA. 107+65.50 = STA. 10+00.00'J'

STA. 108+16.44 = STA. 10+00.00'J'

STA. 108+04.34, RT SAWCUT & MATCH EXISTING SIDEWALK. REMOVE SIDEWALK TO NEAREST JOINT.

13.0'

13.0'

STA. 107+34.25 20.00' RT

STA. 107+96.45 20.00' RT

STA. 107+13.99 29.24' RT

STA. 106+86.99 29.03' RT

R/W

R/W

R/W

16.0'

16.0'

TLE

STA. 107+08.95, RT SAWCUT & MATCH EXISTING SIDEWALK. REMOVE SIDEWALK TO NEAREST JOINT.

STA. 107+34.25, 35.00' RT. STA. 9+64.78'J', 31.00' LT. 15'R.

STA. 107+96.45, 35.00' RT. STA. 9+65.05'J', 31.00' RT. 15'R.

TLE

STA. 108+33.21, RT SAWCUT & MATCH EXISTING SIDEWALK. REMOVE SIDEWALK TO NEAREST JOINT.

STA. 108+58.21, RT SAWCUT & MATCH EXISTING SIDEWALK. REMOVE SIDEWALK TO NEAREST JOINT.

STA. 9+64.78'J' 16.00' LT

STA. 9+55.00'J', LT SAWCUT & MATCH EXISTING SIDEWALK. REMOVE SIDEWALK TO NEAREST JOINT.

STA. 9+65.05'J' 16.00' RT

STA. 9+60.00'J' 16.00' RT

STA. 9+55.00'J', RT SAWCUT & MATCH EXISTING SIDEWALK. REMOVE SIDEWALK TO NEAREST JOINT.

STA. 9+60.00'J' 16.00' LT

STA. 9+55.02'J' 15.99' LT

STA. 9+55.00'J' 16.21' RT

STA. 9+32.00'J' 27.39' RT

STA. 9+32.00'J' 15.93' LT

STA. 9+32.00'J' SAWCUT & MATCH EXISTING PAV'T.

STA. 109+35.93 32.60' RT

STA. 109+61.93 32.50' RT

JEFFERSON ST

900 8TH ST
SCHOENOFF PROPERTIES LLC

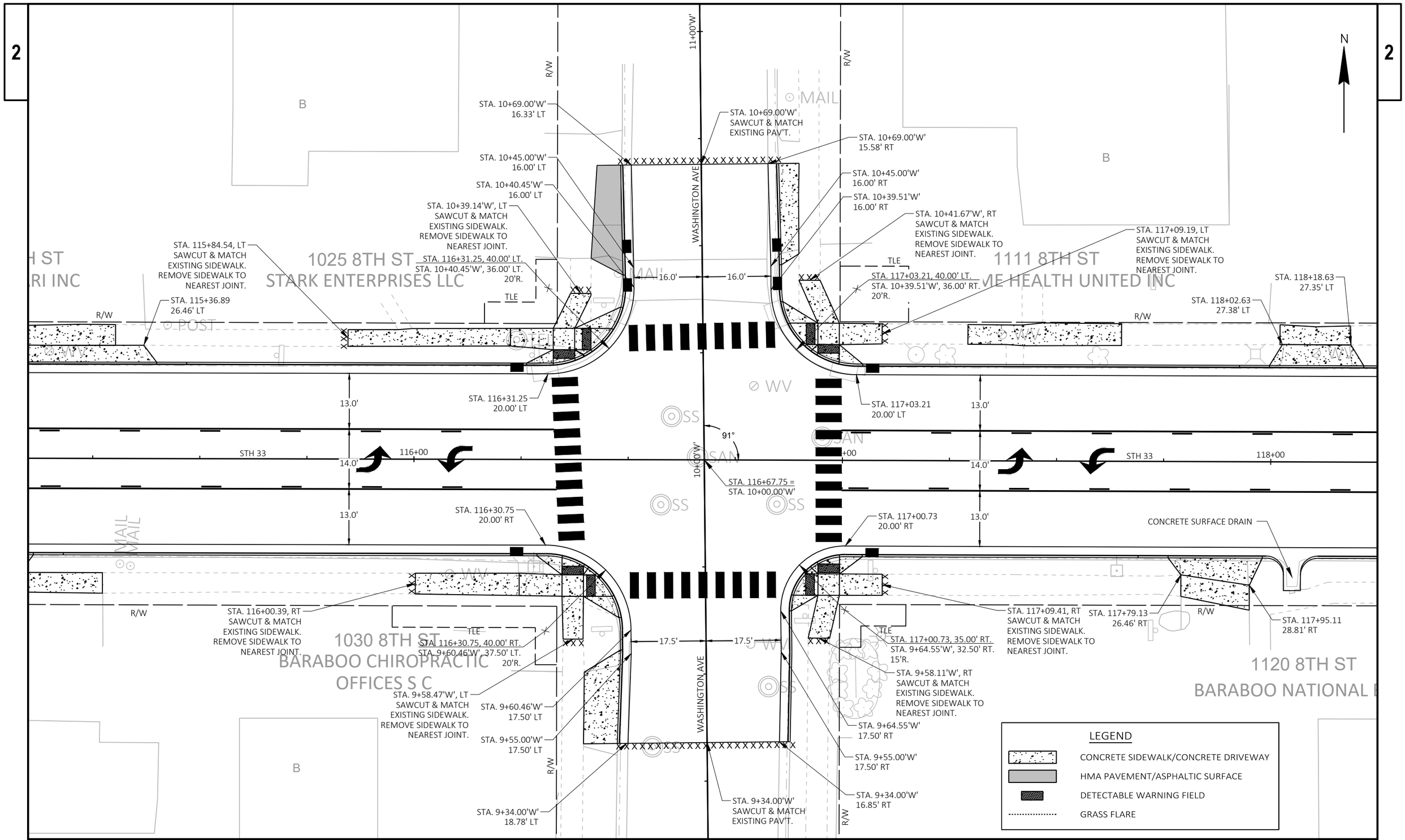
904 8
LINK HOL

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - JEFFERSON STREET	SHEET 71	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 21

PLOT DATE : 4/28/2023 2:16 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - WASHINGTON AVENUE	SHEET 72	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-ID TO 021124-ID.DWG
LAYOUT NAME - 22

PLOT DATE : 4/28/2023 2:16 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

N

R/W

11+00'L'

LINCOLN AVE

STA. 10+79.89'L'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+80.01'L'
15.71' LT

STA. 10+80.00'L'
15.58' RT

STA. 10+60.00'L'
16.00' LT

STA. 10+60.00'L'
16.00' RT

STA. 10+39.85'L'
16.00' LT

STA. 10+40.16'L'
16.00' RT

STA. 10+42.92'L', RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 10+43.31'L', LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

16.0'

16.0'

STA. 126+20.30, 40.00' LT.
STA. 10+39.85'L', 36.00' LT.
20'R.

TLE

STA. 126+92.30, 40.00' LT.
STA. 10+40.16'L', 36.00' RT.
20'R.

TLE

1203 8TH ST
BARABOO SURGERY CENTER LLC

STA. 125+25.67
28.19' LT

STA. 125+60.67
28.48' LT

STA. 126+15.00, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 126+99.19, LT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 127+70.58
28.03' LT

STA. 127+94.58
28.12' LT

13.0'

STA. 126+20.30
20.00' LT

STA. 126+92.30
20.00' LT

13.0'

13.0'

14.0'

13.0'

STH 33

126+00

127+00

128+00

90°

10+00'L'

STA. 126+56.12 =
STA. 10+00.00'L'

STA. 126+13.95
20.00' RT

STA. 126+97.95
20.00' RT

STA. 126+10.42, RT
SAWCUT & MATCH
EXISTING SIDEWALK.
REMOVE SIDEWALK TO
NEAREST JOINT.

STA. 126+13.95, 40.00' RT.
STA. 9+59.82'L', 42.00' LT.
20'R.

TLE

STA. 126+97.95, 40.00' RT.
STA. 9+60.18'L', 42.00' RT.
20'R.

22.0'

22.0'

STA. 9+59.82'L'
22.00' LT

STA. 9+60.18'L'
22.00' RT

STA. 9+55.00'L'
22.00' LT

STA. 9+55.00'L'
22.00' RT

STA. 9+45.00'L'
22.37' LT

STA. 9+45.00'L'
22.26' RT

STA. 9+45.00'L'
SAWCUT & MATCH
EXISTING PAV'T.

R/W

LINCOLN AVE

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - LINCOLN AVENUE	SHEET 73	E

2

2

LEGEND

- CONCRETE SIDEWALK/CONCRETE DRIVEWAY
- HMA PAVEMENT/ASPHALTIC SURFACE
- DETECTABLE WARNING FIELD
- GRASS FLARE

N

1219 8TH ST
PETER W PREMO REVOCABLE TRUST

1220 8TH ST

1228 8TH ST

R/W

TAFT AVE

11+00'T'

STA. 10+90.00'T'
15.27' LT

STA. 10+85.00'T'
15.00' LT

STA. 10+66.04'T'
15.00' LT

STA. 132+58.30, 65.00' LT.
STA. 10+66.04'T', 60.00' LT.
45'R.

STA. 10+90.00'T'
SAWCUT & MATCH
EXISTING PAV'T.

STA. 10+90.00'T'
15.32' RT

STA. 10+85.00'T'
15.00' RT

STA. 10+80.25'T'
15.00' RT

15.0'

15.0'

STA. 133+92.51, 82.00' LT.
STA. 10+80.25'T', 75.00' RT.
60'R.

STA. 131+54.37
28.38' LT

STA. 131+89.37
28.02' LT

STA. 132+08.30
7.00' LT

STA. 132+58.30
20.00' LT

STA. 132+58.30
7.00' LT

13.0'

14.0'

13.0'

STH 33

132+00

133+00

91°

STA. 133+19.42 =
STA. 10+00.00'T'

STA. 132+08.30
7.00' RT

STA. 132+58.30
7.00' RT

STA. 131+59.90
37.50' RT

STA. 131+82.64
37.50' RT

STA. 133+42.51
32.50' RT

STA. 133+59.25
32.50' RT

ASPHALTIC FLUME

STA. 134+02.54
22.00' LT

STA. 133+92.51
22.00' LT

15.0'

STA. 134+22.35
22.46' LT

STA. 134+17.51
7.00' LT

STA. 133+92.51
7.00' LT

STA. 133+85.51
0.00'

134+00

7.0'

7.0'

STH 33

20.0'

STA. 133+72.39
20.00' RT

STA. 133+92.51
7.00' RT

STA. 134+17.51
7.00' RT

STA. 134+22.35
SAWCUT & MATCH
EXISTING PAV'T.

STA. 134+22.35
21.71' RT

STA. 134+02.54
21.03' RT

ASPHALTIC FLUME

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	INTERSECTION DETAILS - TAFT AVENUE	SHEET 74	E

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB AND GUTTER
- REMOVING GUARDRAIL
- REMOVING CONCRETE SIDEWALK
- SAWING ASPHALT
- SAWING CONCRETE
- REMOVING STORM SEWER
- GRUBBING (STUMP REMOVAL)

BEGIN PROJECT
STA 4+00.00
MATCH EXISTING
SAW CUT REQ'D

506 LINN ST
507 LINN ST
420 LINN ST
433 LINN ST
423 LINN ST
W MULBERRY ST
10+50'M'
9+50'M'
4+00
5+00
STH 33
6+00
7+00
MATCHLINE STA. 7+25.00

410 LINN ST
408 LINN ST
328 LINN ST
320 LINN ST
312 LINN ST
417 LINN ST
401 LINN ST
333 LINN ST
323 LINN ST
321 LINN ST
315 LINN ST
301 LINN ST
W WALNUT ST
9+50'M'
8+00
9+00
10+00
11+00
12+00
MATCHLINE STA. 12+75.00

REMOVING INLET
EXISTING RETAINING WALL TO REMAIN
DRIVEWAY AT STA. 11+81.00 TO BE PERMANENTLY REMOVED
EXISTING CURB HEAD TO REMAIN
EXISTING STUMP TO BE REMOVED (TYP.)

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 75	E

2

CONNIE RD 11+

10+50 CONC

246 LINN ST

242 LINN ST

240 LINN ST

224 LINN ST

218 LINN ST

REMOVING MANHOLE

REMOVING INLET

DRIVEWAY AT STA. 16+83.00 TO BE PERMANENTLY REMOVED

DRIVEWAY AT STA. 16+40.00 TO BE PERMANENTLY REMOVED

REMOVING INLET

MH

MATCHLINE STA. 12+75.00

13+00

14+00

15+00

STH 33

16+00

17+00

18+00

MATCHLINE STA. 18+50.00

REMOVING INLET

REMOVING INLET

9+50 CONC

CEDAR ST

301 LINN ST

203 LINN ST

213 LINN ST

N

2

STA. 19+50 - STA. 26+50 LT/RT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.

LEGEND

REMOVING ASPHALTIC SURFACE	SAWING ASPHALT
REMOVING CONCRETE PAVEMENT	SAWING CONCRETE
REMOVING CURB AND GUTTER	REMOVING STORM SEWER
REMOVING GUARDRAIL	GRUBBING (STUMP REMOVAL)
REMOVING CONCRETE SIDEWALK	

206 LINN ST

166 LINN ST

615 W HILL ST

HILL ST

146 LINN ST

138 LINN ST

ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA

REMOVE, SALVAGE, AND REINSTALL EXISTING RRFB

REMOVING INLET

SEALING PIPE 24-INCH CONNECTION INTO BOX CULVERT.

SEALING PIPE 48-INCH CONNECTION INTO BOX CULVERT.

REMOVING INLET

REMOVING MANHOLE

MATCHLINE STA. 18+50.00

19+00

STH 33

20+00

21+00

22+00

STH 33

23+00

24+00

MATCHLINE STA. 24+50.00

REMOVING INLET

REMOVING INLET

161 LINN ST

WILLOW ST

9+00 WILLOW ST

157 LINN ST

147 LINN ST

135 LINN ST

REMOVE EXISTING GUARDRAIL

N

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 76	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-RM TO 021112RM.DWG
LAYOUT NAME - 02

PLOT DATE : 4/28/2023 1:59 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA

VILLAGE OF WEST BARABOO

CITY OF BARABOO

907 BERKLEY BLVD

844 8TH AVE

110 LINN ST

REMOVING INLET

REMOVING MANHOLE

DRIVEWAY AT STA. 28+56.00 TO BE PERMANENTLY REMOVED

MH

MH

N

25+00

26+00

27+00

28+00

29+00

30+00

STH 33

STA. 26+60.00

MATCHLINE STA. 24+50.00

MATCHLINE STA. 30+25.00

REMOVE EXISTING GUARDRAIL

REMOVING INLET

REMOVING INLET

LEGEND

	REMOVING ASPHALTIC SURFACE	XYYYYYYYY	SAWING ASPHALT
	REMOVING CONCRETE PAVEMENT	XXXXXXXXX	SAWING CONCRETE
	REMOVING CURB AND GUTTER		REMOVING STORM SEWER
	REMOVING GUARDRAIL	X	GRUBBING (STUMP REMOVAL)
	REMOVING CONCRETE SIDEWALK		

844 8TH AVE

N

838 8TH AVE

832 8TH AVE

MATCHLINE STA. 30+25.00

31+00

32+00

33+00

34+00

35+00

STH 33

MATCHLINE STA. 36+00.00

REMOVING INLET

REMOVE EXISTING GUARDRAIL

REMOVING INLET

ABANDON AND PLUG STORM SEWER

EXISTING RETAINING WALL TO REMAIN

101 SOUTH BLVD

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 77	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-RM TO 021112RM.DWG
LAYOUT NAME - 03

PLOT DATE : 4/28/2023 1:59 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB AND GUTTER
- REMOVING GUARDRAIL
- REMOVING CONCRETE SIDEWALK
- SAWING ASPHALT
- SAWING CONCRETE
- REMOVING STORM SEWER
- X GRUBBING (STUMP REMOVAL)

N

328 8TH AVE
822 8TH AVE
808 8TH AVE
724 8TH AVE
714 8TH AVE
708 8TH AVE
101 SOUTH BLVD
DRAPER ST
41+00'D'
41+50'D'
MATCHLINE STA. 36+00.00
MATCHLINE STA. 41+75.00
00
37+00
STH 33
38+00
39+00
STH 33
40+00
41+00
MH
REMOVING INLET
ABANDON AND PLUG STORM SEWER
REMOVING MANHOLE
EXISTING STEPS TO REMAIN
EXISTING RETAINING WALL TO REMAIN

2

N

702 8TH AVE
638 8TH AVE
630 8TH AVE
626 8TH AVE
620 8TH AVE
614 8TH AVE
606 8TH AVE
633 8TH AVE
627 8TH AVE
617 8TH AVE
611 8TH AVE
603 8TH AVE
PARK ST
10+40'P'
10+50'P'
MATCHLINE STA. 41+75.00
MATCHLINE STA. 47+50.00
42+00
STH 33
43+00
STH 33
44+00
45+00
46+00
47+00
MH
R/W
REMOVING MANHOLE
REMOVING INLET
EXISTING MONUMENT TO REMAIN
ABANDON AND PLUG STORM SEWER
EXISTING RETAINING WALL TO REMAIN

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 78	E

2

526 8TH AVE

1006 SUMMIT AVE

532 8TH AVE

518 8TH AVE

514 8TH AVE

504 8TH AVE

503 8TH AVE

509 8TH AVE

515 8TH AVE

SUMMIT ST 11+50'S

SUMMIT ST 10+50'S

WOOD ST 11+

EXISTING RETAINING WALL TO REMAIN

EXISTING STEPS TO REMAIN

EXISTING RETAINING WALL TO REMAIN

REMOVING INLET

REMOVING MANHOLE

REMOVING INLET

REMOVING MANHOLE

REMOVE, SALVAGE, AND REINSTALL EXISTING RRFB

REMOVING INLET

MH

STH 33

45+00

46+00

47+00

48+00

49+00

50+00

51+00

52+00

53+00

MATCHLINE STA. 47+50.00

MATCHLINE STA. 53+00.00

N

LEGEND

REMOVING ASPHALTIC SURFACE	SAWING ASPHALT
REMOVING CONCRETE PAVEMENT	SAWING CONCRETE
REMOVING CURB AND GUTTER	REMOVING STORM SEWER
REMOVING GUARDRAIL	GRUBBING (STUMP REMOVAL)
REMOVING CONCRETE SIDEWALK	

500 8TH AVE

418 8TH AVE

414 8TH AVE

421 8TH AVE

417 8TH AVE

415 8TH AVE

411 8TH AVE

919 WEST ST

1005 WEST ST

320 8TH AVE

316 8TH AVE

332 8TH AVE

335 8TH AVE

329 8TH AVE

327 8TH AVE

WEST ST 11+50'WE

WEST ST 10+50'WE

WEST ST 9+50'WE

CENTER ST 9+50'CE

REMOVING MANHOLE

REMOVING INLET

EXISTING STEPS TO REMAIN

REMOVING INLET

EXISTING RETAINING WALL AND STEPS TO REMAIN

R/W

REMOVING INLET

TLE

MH

STH 33

54+00

55+00

56+00

57+00

58+00

59+00

MATCHLINE STA. 53+00.00

MATCHLINE STA. 59+00.00

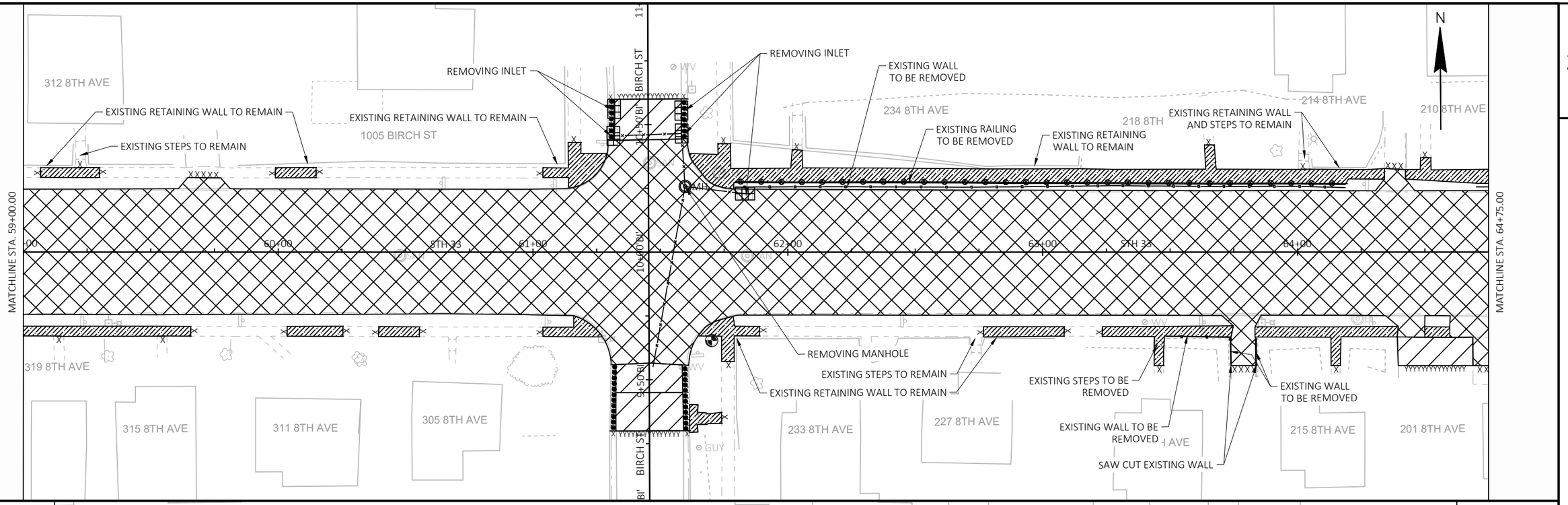
N

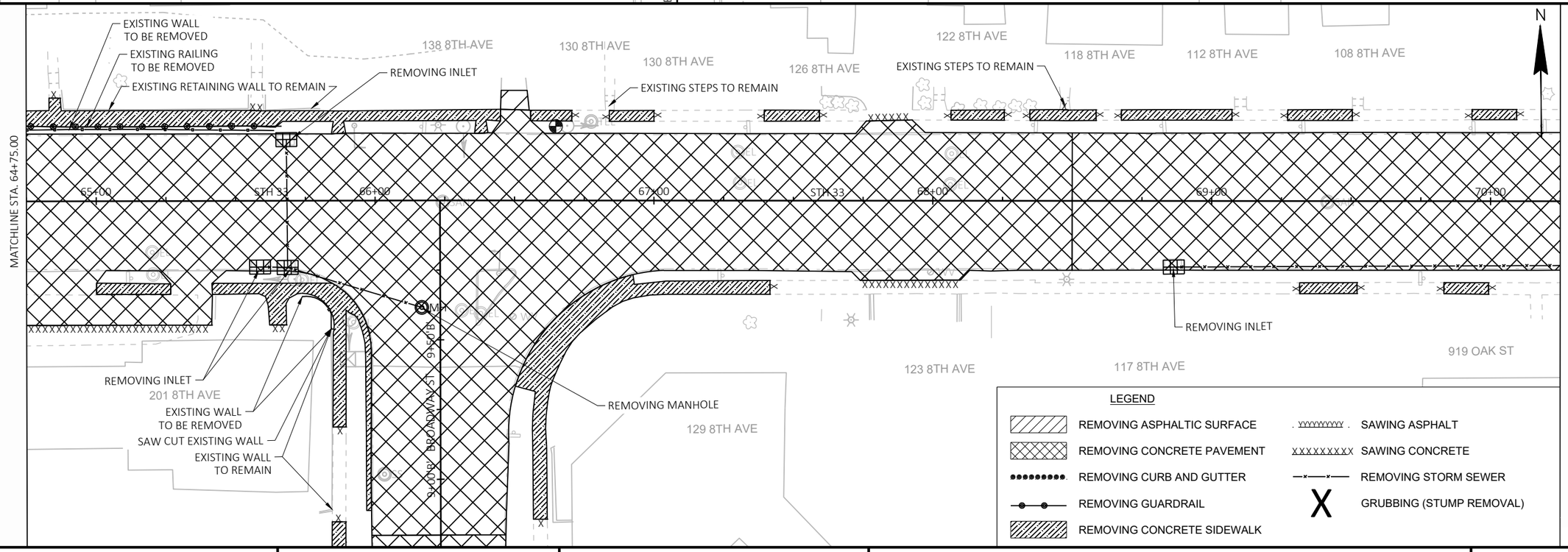
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 79	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-RM TO 021112RM.DWG
LAYOUT NAME - 05

PLOT DATE : 4/28/2023 2:01 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 80	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-RM TO 021112RM.DWG
LAYOUT NAME - 06
PLOT DATE : 4/28/2023 2:02 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

STA. 75+50 - STA. 77+80 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA

ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
REMOVING INLET
REMOVING MANHOLE
EXISTING RETAINING WALL TO REMAIN
REMOVING INLET
REMOVING INLET
REMOVING MANHOLE
REMOVING MANHOLE
REMOVING INLET
MATCHLINE STA. 70+25.00
MATCHLINE STA. 76+25.00
1005 OAK ST
103 8TH ST
109 8TH ST
115 8TH ST
121 8TH ST
129 8TH ST
133 8TH ST
915 ASH ST
114 8TH ST
120 8TH ST
918 OAK ST
OAK ST
ASH ST
STH 33
11+50 N
10+00 N
9+50 N
9+50 A
10+00 A
71+00
72+00
73+00
74+00
75+00
76+00

ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
EXISTING STUMP TO BE REMOVED (TYP.)
EXISTING STEPS TO REMAIN
REMOVING MANHOLE
REMOVING INLET
REMOVING INLET
EXISTING STUMP TO BE REMOVED (TYP.)
DRIVEWAY AT STA. 78+07.00 TO BE PERMANENTLY REMOVED
EXISTING COLUMN TO REMAIN
EXISTING COLUMN TO REMAIN
MATCHLINE STA. 76+25.00
MATCHLINE STA. 82+00.00
201 8TH ST
217 8TH ST
221 8TH ST
231 8TH ST
301 8TH ST
313 8TH ST
220 8TH ST
302 8TH ST
EAST ST
10+00 E
9+50 E
76+00
77+00
78+00
79+00
79+80
STH 33
80+00
81+00
82+

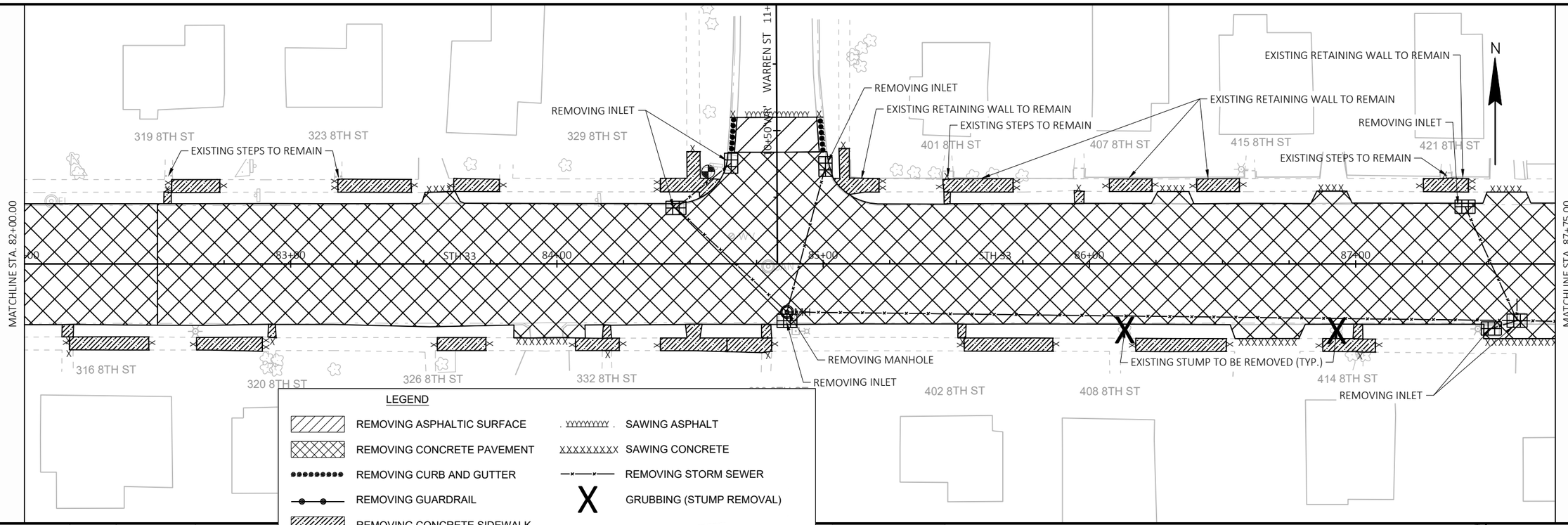
LEGEND

REMOVING ASPHALTIC SURFACE	SAWING ASPHALT
REMOVING CONCRETE PAVEMENT	SAWING CONCRETE
REMOVING CURB AND GUTTER	REMOVING STORM SEWER
REMOVING GUARDRAIL	GRUBBING (STUMP REMOVAL)
REMOVING CONCRETE SIDEWALK	

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 81 E

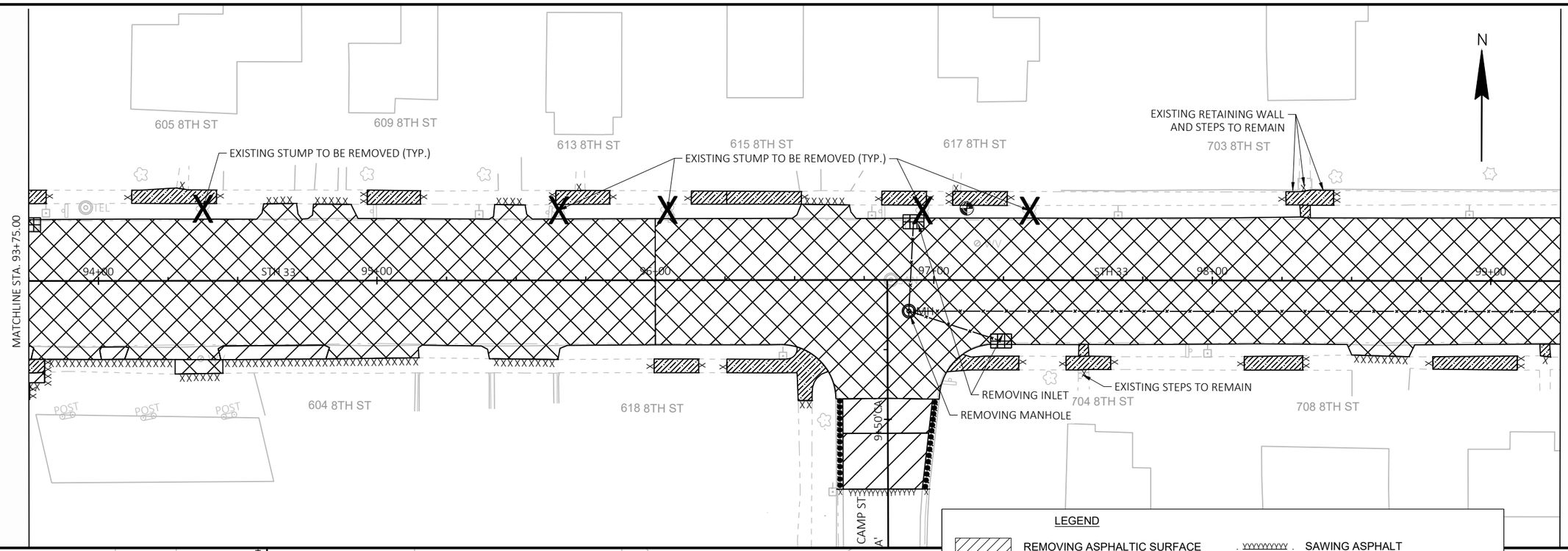
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-RM TO 021112RM.DWG
LAYOUT NAME - 07
PLOT DATE : 4/28/2023 2:02 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

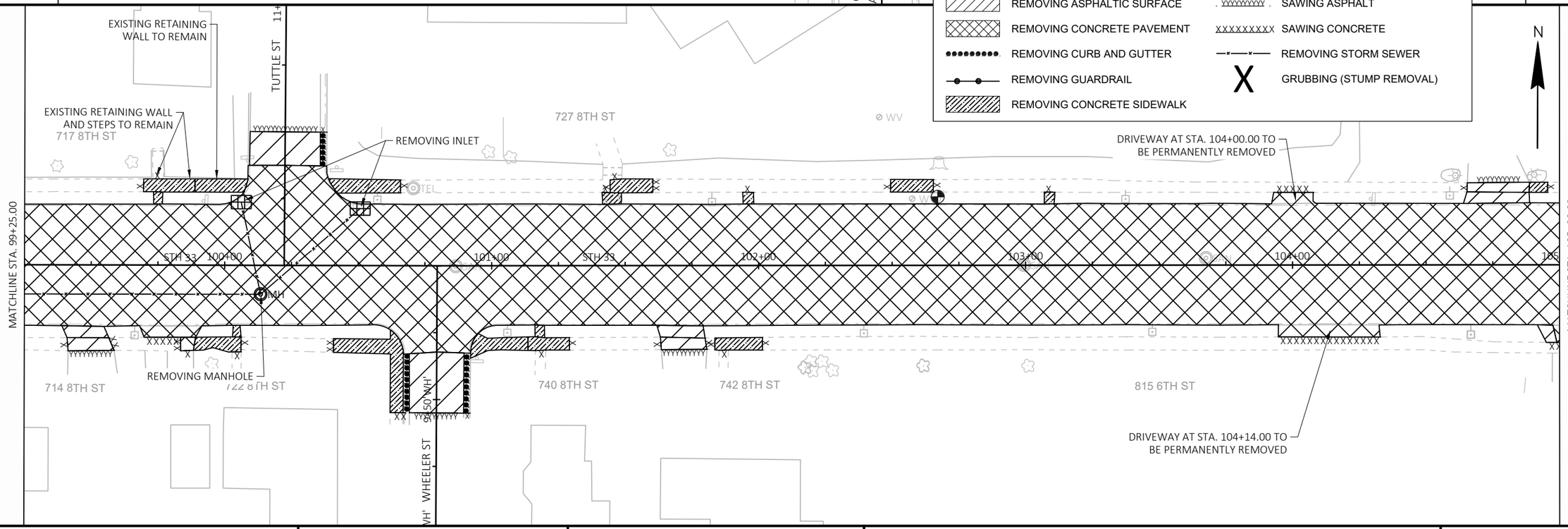
2



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 82	E

2





LEGEND

REMOVING ASPHALTIC SURFACE	SAWING ASPHALT
REMOVING CONCRETE PAVEMENT	SAWING CONCRETE
REMOVING CURB AND GUTTER	REMOVING STORM SEWER
REMOVING GUARDRAIL	GRUBBING (STUMP REMOVAL)
REMOVING CONCRETE SIDEWALK	

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 83	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-RM TO 021112RM.DWG
LAYOUT NAME - 09

PLOT DATE : 4/28/2023 2:03 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

809 8TH ST

825 8TH ST

935 8TH ST

935 8TH ST

935 8TH ST

JEFFERSON ST 11

REMOVING INLET

REMOVING INLET

MATCHLINE STA. 105+00.00

+00

106+00

STH 33

107+00

108+00

STH 33

109+00

110+00

MATCHLINE STA. 110+75.00

818 8TH ST

900 8TH ST

REMOVE, SALVAGE, AND REINSTALL EXISTING RRFB

904 8TH ST

908 8TH ST

REMOVING MANHOLE

JEFFERSON ST

LEGEND

	REMOVING ASPHALTIC SURFACE		SAWING ASPHALT
	REMOVING CONCRETE PAVEMENT		SAWING CONCRETE
	REMOVING CURB AND GUTTER		REMOVING STORM SEWER
	REMOVING GUARDRAIL	X	GRUBBING (STUMP REMOVAL)
	REMOVING CONCRETE SIDEWALK		

EXISTING LANDSCAPE WALL TO REMAIN

REMOVING INLET

1011 8TH ST

1013 8TH ST

1015 8TH ST

1025 8TH ST

MATCHLINE STA. 110+75.00

111+00

112+00

113+00

STH 33

114+00

115+00

116+00

MATCHLINE STA. 116+25.00

REMOVING MANHOLE

914 8TH ST

920 8TH ST

926 8TH ST

1000 8TH ST

EXISTING STUMP TO BE REMOVED (TYP.)

1020 8TH ST

1030 8TH ST

REMOVING INLET

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 84	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-RM TO 021112RM.DWG
LAYOUT NAME - 10

PLOT DATE : 4/28/2023 2:04 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCHLINE STA. 116+25.00

MATCHLINE STA. 122+25.00

ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA

N

1111 8TH ST

EXISTING STUMP TO BE REMOVED (TYP.)

1117 8TH ST

1139 8TH ST

REMOVING INLET

EXISTING STUMP TO BE REMOVED (TYP.)

REMOVING MANHOLE

WASHINGTON AVE

10+50 W

10+00 W

9+50 W

MH

MAIL

117+00

STH 33

118+00

119+00

120+00

121+00

122+00

1120 8TH ST

EXISTING FLUME TO BE REMOVED

1146 8TH ST

DRIVEWAY AT STA. 119+81.00 TO BE PERMANENTLY REMOVED

EXISTING CHAIN LINK FENCE TO REMAIN

STA. 119+00 - STA. 130+60 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.

ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA

N

REMOVING MANHOLE

REMOVING INLET

LINCOLN AVE

12+50 W

1159 8TH ST

EXISTING CURB TO REMAIN

1203 8TH ST

MATCHLINE STA. 122+25.00

MATCHLINE STA. 128+00.00

123+00

124+00

STH 33

125+00

126+00

127+00

128

EXISTING CHAIN LINK FENCE TO REMAIN

REMOVING MANHOLE

1212 8TH ST

LEGEND

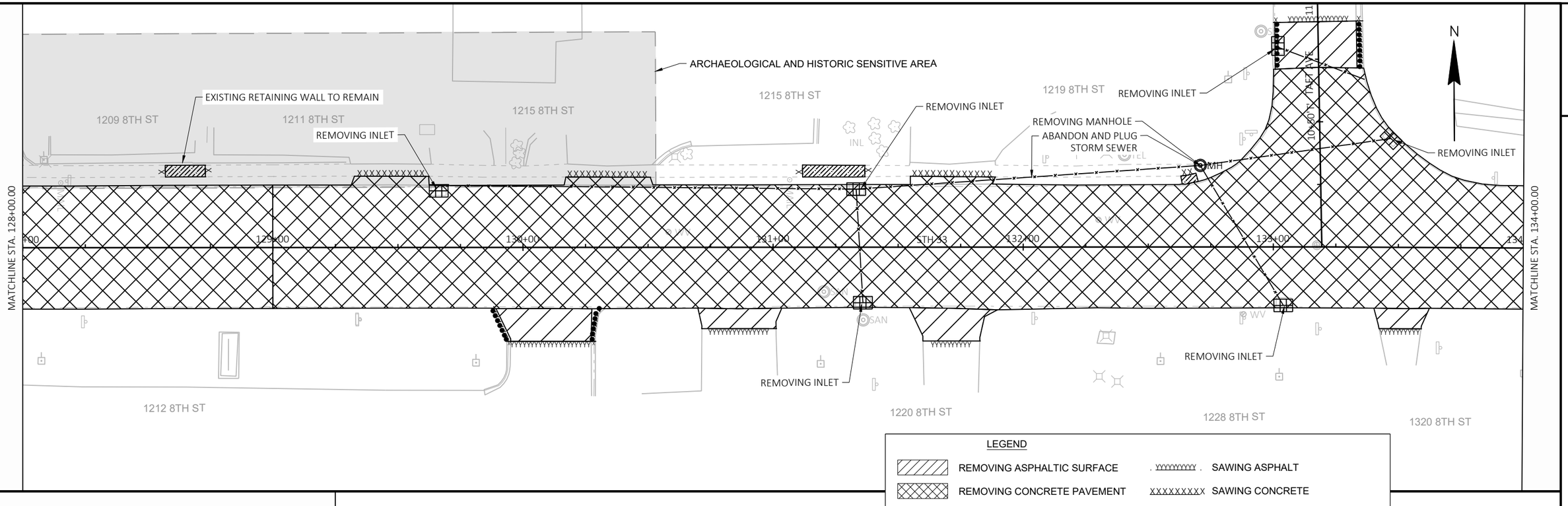
REMOVING ASPHALTIC SURFACE	SAWING ASPHALT
REMOVING CONCRETE PAVEMENT	SAWING CONCRETE
REMOVING CURB AND GUTTER	REMOVING STORM SEWER
REMOVING GUARDRAIL	GRUBBING (STUMP REMOVAL)
REMOVING CONCRETE SIDEWALK	

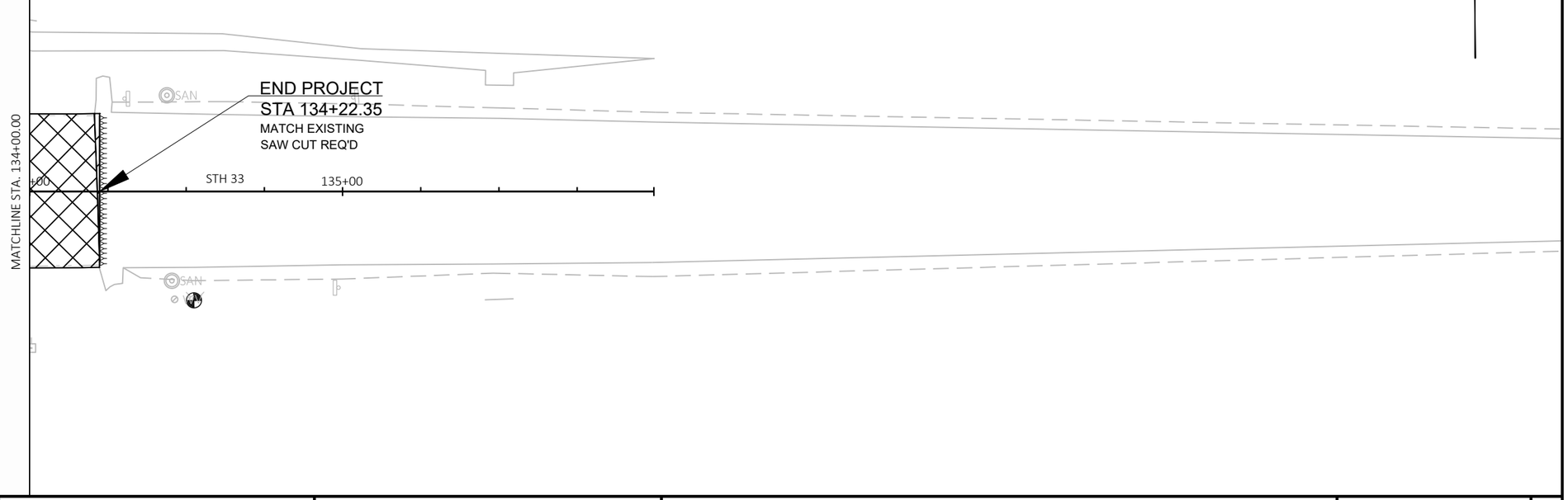
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 85	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-RM TO 021112RM.DWG
LAYOUT NAME - 11

PLOT DATE : 4/28/2023 2:04 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

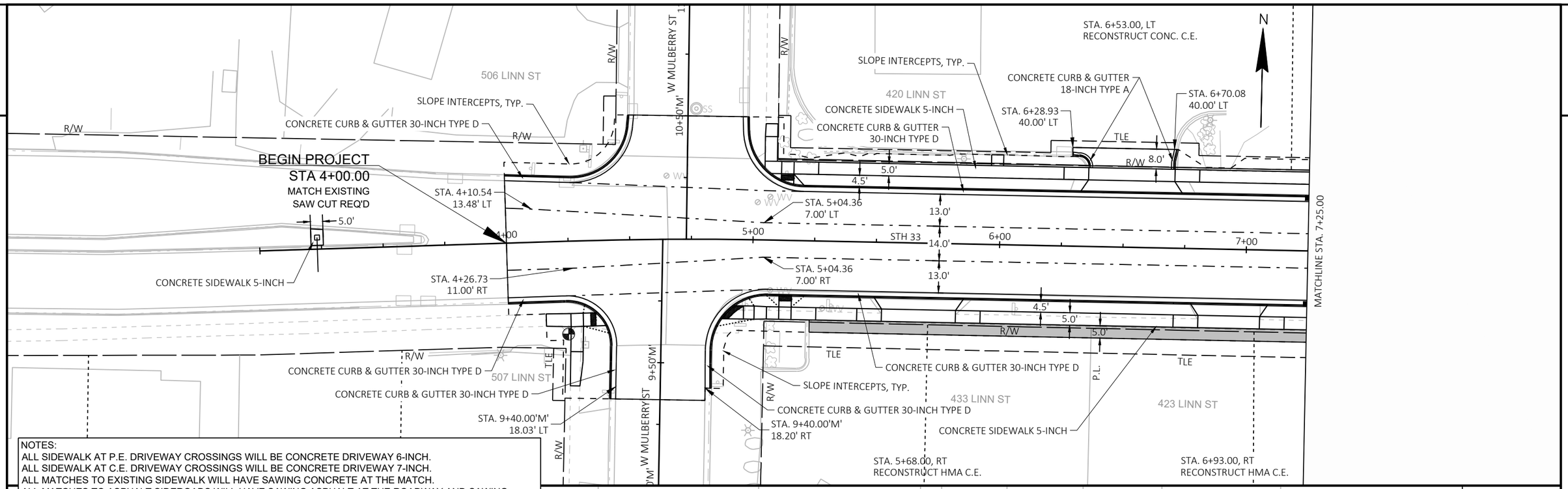




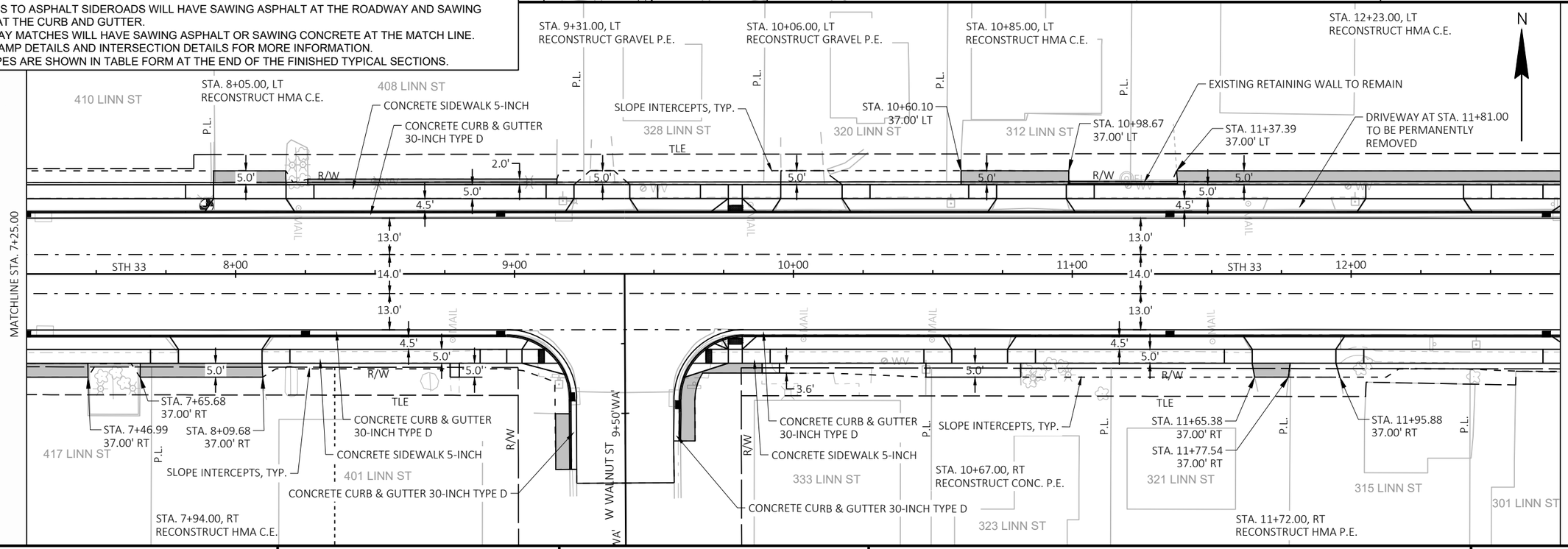
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL - REMOVAL PLAN	SHEET 86	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021101-RM TO 021112RM.DWG
LAYOUT NAME - 12
PLOT DATE : 4/28/2023 2:05 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 87 E

2

STA. 14+32.00, LT
RECONSTRUCT HMA C.E.

STA. 14+71.00, LT
RECONSTRUCT HMA C.E.

STA. 15+53.00, LT
RECONSTRUCT HMA C.E.

STA. 15+92.00, LT
RECONSTRUCT HMA C.E.

STA. 17+17.00, LT
RECONSTRUCT HMA C.E.

DRIVEWAY AT STA. 16+40.00
AND STA. 16+83.00 TO BE
PERMANENTLY REMOVED

CONNIE RD 11+

10+50'CO'

246 LINN ST

242 LINN ST

240 LINN ST

224 LINN ST

218 LINN ST

SLOPE INTERCEPTS, TYP.

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE SIDEWALK 5-INCH

CONCRETE CURB & GUTTER
30-INCH TYPE D

STA. 15+34.00
37.00' LT

STA. 15+39.96
37.00' LT

STA. 16+03.17
37.00' LT

STA. 16+83.41
37.00' LT

STA. 16+89.34
37.00' LT

TLE

R/W

P.L.

5.0'

4.5'

13.0'

14.0'

PEDESTRIAN REFUGE ISLAND
(SEE CONSTRUCTION DETAIL)

4.0'

20.0'

STA. 13+54.62
0.00'

STA. 13+81.62
0.00'

MATCHLINE STA. 12+75.00

13+00

14+00

15+00

16+00

17+00

18+00

STH 33

STA. 18+49.39
0.00'

MATCHLINE STA. 18+50.00

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE SIDEWALK 5-INCH

TLE

SLOPE INTERCEPTS, TYP.

CONCRETE CURB & GUTTER
30-INCH TYPE D

9+50'C'

CEDAR ST

301 LINN ST

STA. 13+16.00, RT
RECONSTRUCT HMA C.E.

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE SIDEWALK 5-INCH

STA. 15+86.73
37.00' RT

STA. 15+83.98
37.00' RT

STA. 16+44.52
37.00' RT

STA. 16+41.43
37.00' RT

STA. 16+86.00, RT
RECONSTRUCT HMA P.E.

SLOPE INTERCEPTS, TYP.

225 LINN ST

231 LINN ST

221 LINN

STA. 15+49.00, RT
RECONSTRUCT HMA P.E.

STA. 16+18.00, RT
RECONSTRUCT HMA P.E.

NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

STA. 19+50 - STA. 26+50 LT/RT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.

STA. 18+88.00, LT
RECONSTRUCT GRAVEL P.E.

STA. 19+55.00, LT
RECONSTRUCT HMA P.E.

STA. 20+27.00, LT
RECONSTRUCT HMA C.E.

PEDESTRIAN REFUGE ISLAND
(SEE CONSTRUCTION DETAIL)

ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA

166 LINN ST

615 W HILL ST

HILL ST

146 LINN ST

138 LINN ST

CONCRETE SIDEWALK 5-INCH

CONCRETE CURB & GUTTER 30-INCH TYPE D

SLOPE INTERCEPTS, TYP.

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE CURB & GUTTER
30-INCH TYPE D

STA. 22+76.00, LT
RECONSTRUCT HMA P.E.

CONCRETE SIDEWALK 5-INCH

CONCRETE CURB & GUTTER 30-INCH TYPE D

SLOPE INTERCEPTS, TYP.

REMOVE AND REINSTALL
EXISTING RRFB

MATCHLINE STA. 18+50.00

19+00

20+00

21+00

22+00

23+00

24+00

STH 33

MATCHLINE STA. 24+50.00

STA. 18+76.39
0.00'

MGS GUARDRAIL 3

STA. 23+25.00
23.94' RT

STA. 24+02.93
23.94' RT

STA. 22+50.00
27.00' RT

STA. 22+73.41
27.53' RT

STA. 23+54.77
40.53' RT

STA. 23+53.60
53.41' RT

STA. 23+34.80
48.44' RT

STA. 22+74.41
34.68' RT

MGS GUARDRAIL
TERMINAL EAT

WILLOW ST

9+00'W'

161 LINN ST

157 LINN ST

147 LINN ST

135 LINN ST

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE SIDEWALK 5-INCH

SLOPE INTERCEPTS, TYP.

STA. 20+58.00, RT
RECONSTRUCT HMA C.E.

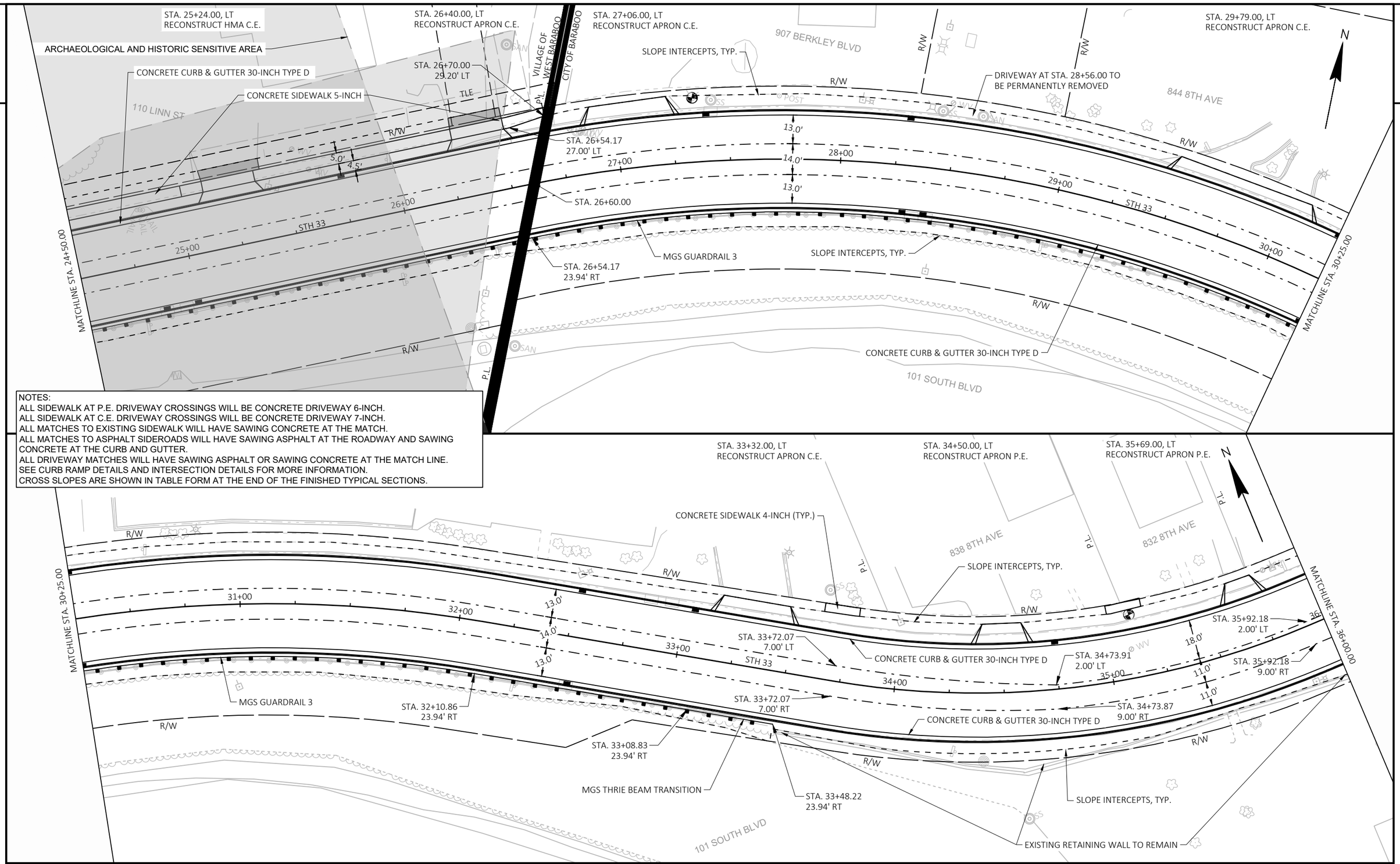
STA. 20+98.00, RT
RECONSTRUCT HMA C.E.

STA. 22+76.00, RT
RECONSTRUCT HMA C.E.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 88	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021201-PD TO 021212-PD.DWG
LAYOUT NAME - 02

PLOT DATE : 4/28/2023 1:24 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT



NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 89	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021201-PD TO 021212-PD.DWG
LAYOUT NAME - 03
PLOT DATE : 4/28/2023 1:25 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

STA. 36+37.00, LT
RECONSTRUCT APRON P.E.

STA. 37+06.00, LT
RECONSTRUCT APRON P.E.

STA. 37+29.00, LT
RECONSTRUCT APRON P.E.

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

SLOPE INTERCEPTS, TYP.

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE CURB & GUTTER
30-INCH TYPE D

ALL EXISTING TRAFFIC SIGNALS TO BE
REPLACED AT THE DRAPER STREET
INTERSECTION. SEE TRAFFIC SIGNAL
PLAN FOR MORE INFORMATION.

CONCRETE SIDEWALK 4-INCH (TYP.)

SLOPE INTERCEPTS, TYP.

EXISTING STEPS TO REMAIN

CONCRETE CURB &
GUTTER 18-INCH TYPE D

328 8TH AVE
822 8TH AVE
808 8TH AVE
724 8TH AVE
714 8TH AVE
708 8TH AVE

P.L.
R/W
TLE
11+00'D'
10+50'D'
DRAPER ST

N

MATCHLINE STA. 36+00.00

MATCHLINE STA. 41+75.00

18.0'
11.0'
11.0'
22.0'
11.0'
11.0'

STA. 38+37.19
2.00' LT

STA. 38+37.19
9.00' RT

STA. 39+19.04
0.00'

STA. 39+19.07
11.00' RT

00
37+00
STH 33
38+00
39+00
STH 33
40+00
41+00

CONCRETE CURB & GUTTER 30-INCH TYPE D

SLOPE INTERCEPTS, TYP.

CONCRETE CURB & GUTTER
18-INCH TYPE D

EXISTING RETAINING WALL TO REMAIN

101 SOUTH BLVD

NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

STA. 45+02.00, LT
RECONSTRUCT APRON P.E.

STA. 45+46.00, LT
RECONSTRUCT APRON C.E.

STA. 46+30.00, LT
RECONSTRUCT APRON C.E.

STA. 46+67.00, LT
RECONSTRUCT APRON C.E.

STA. 47+47.00, LT
RECONSTRUCT APRON C.E.

CONCRETE CURB & GUTTER
30-INCH TYPE D

SLOPE INTERCEPTS, TYP.

CONCRETE CURB &
GUTTER INTEGRAL
18-INCH TYPE D

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

CONCRETE CURB & GUTTER 30-INCH TYPE D

SLOPE INTERCEPTS, TYP.

CONCRETE CURB &
GUTTER INTEGRAL
18-INCH TYPE D

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

EXISTING RETAINING WALL TO REMAIN

PARK ST
10+50'P'
9+50'P'

702 8TH AVE
638 8TH AVE
630 8TH AVE
626 8TH AVE
620 8TH AVE
614 8TH AVE
606 8TH AVE
633 8TH AVE
627 8TH AVE
617 8TH AVE
611 8TH AVE
603 8TH AVE

P.L.
R/W
TLE

N

MATCHLINE STA. 41+75.00

MATCHLINE STA. 47+50.00

22.0'
11.0'
11.0'
13.0'
14.0'
13.0'

STA. 42+40.09
0.00'

STA. 42+44.86
11.00' RT

STA. 43+10.94
7.00' LT

STA. 43+15.32
7.00' RT

42+00
STH 33
43+00
STH 33
44+00
45+00
46+00
47+00

STA. 43+55.00, RT
RECONSTRUCT APRON C.E.

STA. 44+48.00, RT
RECONSTRUCT APRON P.E.

STA. 46+05.00, RT
RECONSTRUCT APRON C.E.

STA. 46+52.00, RT
RECONSTRUCT APRON C.E.

STA. 46+99.00, RT
RECONSTRUCT APRON C.E.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 90 E

2

SLOPE INTERCEPTS, TYP.
R/W
SUMMIT ST
10+50'S'
CONCRETE CURB & GUTTER 30-INCH TYPE D
P.L.
EXISTING RETAINING WALL TO REMAIN
1006 SUMMIT AVE
526 8TH AVE
532 8TH AVE
518 8TH AVE
514 8TH AVE
STA. 50+58.00, LT
RECONSTRUCT APRON P.E.
SLOPE INTERCEPTS, TYP.
CONCRETE SIDEWALK 4-INCH (TYP.)
CONCRETE CURB & GUTTER 30-INCH TYPE D
WOOD ST
11+
10+50'WO'
SLOPE INTERCEPTS, TYP.
504 8TH AVE
TLE
POST
WV
SS
MATCHLINE STA. 47+50.00
STH 33
48+00
49+00
50+00
51+00
52+00
53
13.0'
14.0'
13.0'
STA. 52+88.50
0.00'
4.0'
STA. 52+61.50
0.00'
20.0'
REMOVE AND REINSTALL EXISTING RRFB
MATCHLINE STA. 53+00.00
SAN
EXISTING STEPS TO REMAIN
SLOPE INTERCEPTS, TYP.
541 8TH AVE
533 8TH AVE
509 8TH AVE
503 8TH AVE
PEDESTRIAN REFUGE ISLAND (SEE CONSTRUCTION DETAIL)
SLOPE INTERCEPTS, TYP.
EXISTING RETAINING WALL TO REMAIN
CONCRETE CURB & GUTTER 30-INCH TYPE D
CONCRETE SIDEWALK 4-INCH (TYP.)
9+50'S'

NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

STA. 53+08.00, LT
RECONSTRUCT APRON P.E.
STA. 54+24.00, LT
RECONSTRUCT APRON P.E.
STA. 55+01.00, LT
RECONSTRUCT APRON C.E.
STA. 58+52.00, LT
RECONSTRUCT APRON P.E.
N
500 8TH AVE
418 8TH AVE
414 8TH AVE
1005 WEST ST
320 8TH AVE
316 8TH AVE
332 8TH AVE
EXISTING RETAINING WALL AND STEPS TO REMAIN
CONCRETE SIDEWALK 4-INCH (TYP.)
CONCRETE CURB & GUTTER 30-INCH TYPE D
SLOPE INTERCEPTS, TYP.
WEST ST
10+50'WE'
MATCHLINE STA. 53+00.00
MATCHLINE STA. 59+00.00
STH 33
54+00
55+00
56+00
57+00
58+00
59-
10+00'WE'
9+50'CE'
CENTER ST
9+50'WE'
CONCRETE CURB & GUTTER 30-INCH TYPE D
CONCRETE SIDEWALK 4-INCH (TYP.)
SLOPE INTERCEPTS, TYP.
327 8TH AVE
329 8TH AVE
417 8TH AVE
415 8TH AVE
411 8TH AVE
919 WEST ST
STA. 56+04.00, RT
RECONSTRUCT APRON P.E.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 91	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021201-PD TO 021212-PD.DWG
LAYOUT NAME - 05
PLOT DATE : 4/28/2023 1:27 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

STA. 59+71.00, LT
RECONSTRUCT APRON P.E.

312 8TH AVE

EXISTING RETAINING WALL TO REMAIN

CONCRETE SIDEWALK 4-INCH (TYP.)

EXISTING STEPS TO REMAIN

CONCRETE CURB & GUTTER 30-INCH TYPE D

EXISTING RETAINING WALL TO REMAIN

SLOPE INTERCEPTS, TYP.

CONCRETE CURB & GUTTER 30-INCH TYPE D

MATCHLINE STA. 59+00.00

60+00

STH 33

61+00

13.0'

14.0'

13.0'

R/W

P.L.

319 8TH AVE

315 8TH AVE

311 8TH AVE

305 8TH AVE

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

SLOPE INTERCEPTS, TYP.

CONCRETE CURB & GUTTER 30-INCH TYPE D

TLE

BIRCH ST

11+

10+50'B'

10+00'B'

9+50'B'

B'

STA. 64+38.00, LT
RECONSTRUCT CONC. P.E.

N

SLOPE INTERCEPTS, TYP.

CONCRETE SIDEWALK 4-INCH (TYP.)

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE TERRACE STA. 61+77 TO 65+80

234 8TH AVE

218 8TH AVE

214 8TH AVE

210 8TH AVE

PLE

EXISTING RETAINING WALL TO REMAIN

TLE

EXISTING RETAINING WALL AND STEPS TO REMAIN

62+00

63+00

STH 33

64+00

MATCHLINE STA. 64+75.00

CONCRETE CURB & GUTTER 30-INCH TYPE D

STA. 62+83.93
20.00' RT

EXISTING STEPS TO REMAIN

CONCRETE SIDEWALK 4-INCH (TYP.)

STA. 63+79.93
31.00' RT

SLOPE INTERCEPTS, TYP.

EXISTING RETAINING WALL TO REMAIN

WALL MODULAR BLOCK GRAVITY LANDSCAPE

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE CURB PEDESTRIAN

STA. 63+79.00, RT
RECONSTRUCT CONC. P.E.

SLOPE INTERCEPTS, TYP.

STA. 64+45.00, RT
RECONSTRUCT CONC. P.E.

233 8TH AVE

227 8TH AVE

8TH AVE

201 8TH AVE

NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

CONCRETE SIDEWALK 4-INCH (TYP.)

CONCRETE CURB & GUTTER 30-INCH TYPE D

202 8TH AVE

EXISTING RETAINING WALL TO REMAIN

CONCRETE TERRACE STA. 61+77 TO 65+80

138 8TH AVE

130 8TH AVE

STA. 67+84.00, LT
RECONSTRUCT APRON P.E.

EXISTING STEPS TO REMAIN

126 8TH AVE

SLOPE INTERCEPTS, TYP.

EXISTING STEPS TO REMAIN

CONCRETE CURB & GUTTER 30-INCH TYPE D

MATCHLINE STA. 64+75.00

65+00

STH 33

66+00

67+00

STH 33

68+00

69+00

70+00

MATCHLINE STA. 70+25.00

13.0'

14.0'

13.0'

CONCRETE CURB & GUTTER 30-INCH TYPE D

WALL PIER CONNECTION

STA. 66+38.87
22.00' RT

STA. 66+49.31
22.00' RT

STA. 66+34.37
26.52' RT

STA. 66+52.53
29.65' RT

STA. 66+39.89
44.85' RT

STA. 66+34.44
43.13' RT

CONCRETE SIDEWALK 4-INCH (TYP.)

201 8TH AVE

SLOPE INTERCEPTS, TYP.

WALL MODULAR BLOCK GRAVITY LANDSCAPE

EXISTING RETAINING WALL TO REMAIN

BROADWAY (STH 113)

9+50'B'

9+00'B'

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

SLOPE INTERCEPTS, TYP.

123 8TH AVE

117 8TH AVE

919 OAK ST

129 8TH AVE

STA. 64+80.00, RT
RECONSTRUCT APRON C.E.

STA. 65+34.00, RT
RECONSTRUCT APRON C.E.

STA. 67+92.00, RT
RECONSTRUCT APRON C.E.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 92	E

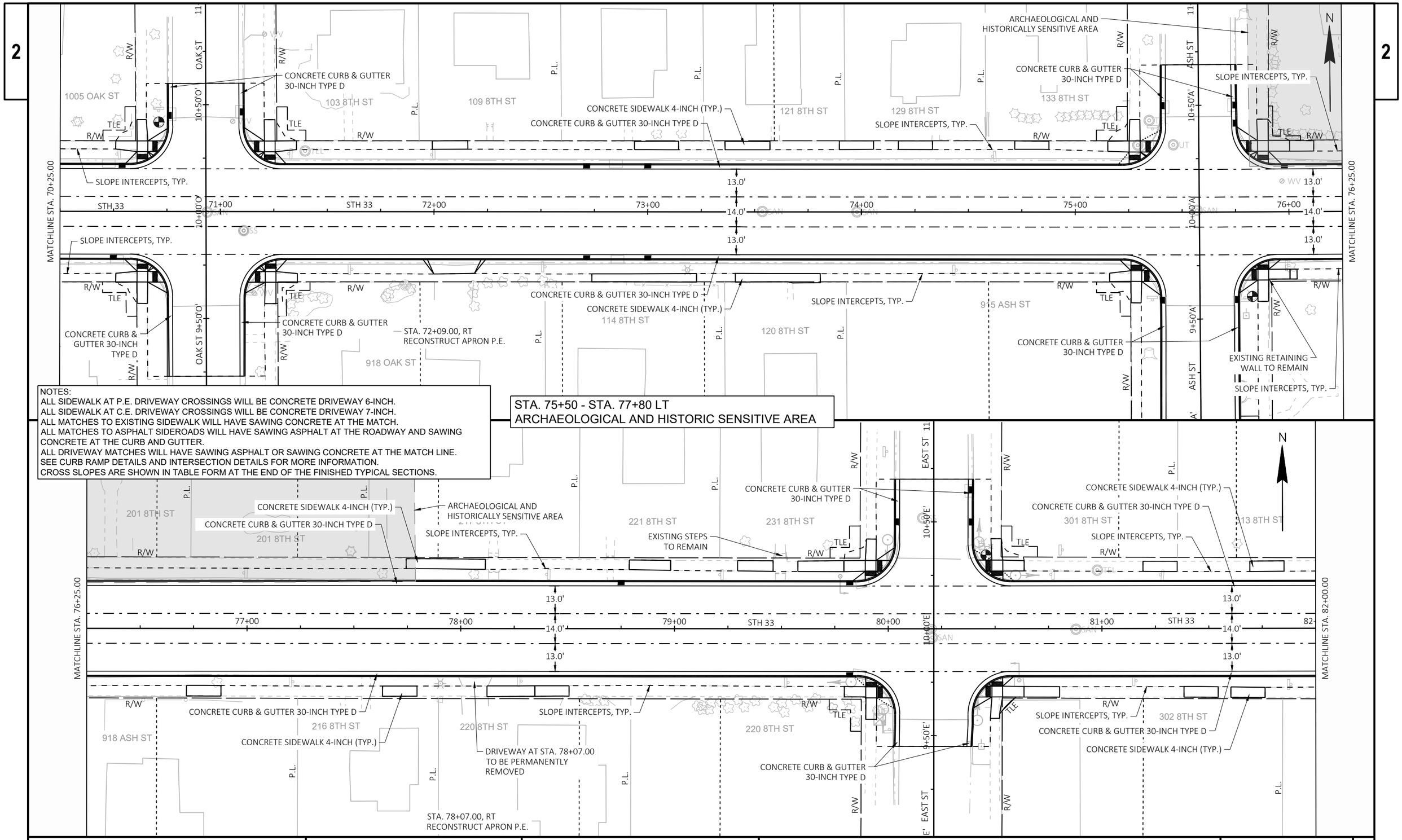
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021201-PD TO 021212-PD.DWG
LAYOUT NAME - 06

PLOT DATE : 4/28/2023 1:28 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

STA. 75+50 - STA. 77+80 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 93	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021201-PD TO 021212-PD.DWG
LAYOUT NAME - 07
PLOT DATE : 4/28/2023 1:29 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

STA. 83+56.00, LT
RECONSTRUCT APRON P.E.

CONCRETE SIDEWALK 4-INCH (TYP.)

CONCRETE CURB & GUTTER
30-INCH TYPE D

SLOPE INTERCEPTS, TYP.

EXISTING STEPS TO REMAIN

CONCRETE CURB & GUTTER 30-INCH TYPE D

MATCHLINE STA. 82+00.00

MATCHLINE STA. 87+75.00

WARREN ST 11+

10+50'WR'

STA. 86+91.00, LT
RECONSTRUCT APRON P.E.

STA. 87+57.00, LT
RECONSTRUCT APRON P.E.

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

EXISTING RETAINING WALL TO REMAIN

SLOPE INTERCEPTS, TYP.

EXISTING STEPS TO REMAIN

CONCRETE CURB & GUTTER 30-INCH TYPE D

EXISTING STEPS TO REMAIN

EXISTING RETAINING WALL TO REMAIN

N

319 8TH ST
323 8TH ST
329 8TH ST
401 8TH ST
407 8TH ST
415 8TH ST
421 8TH ST

R/W
P.L.
TLE
13.0'
14.0'
STH 33
83+00
84+00
85+00
86+00
87+00

316 8TH ST
320 8TH ST
326 8TH ST
332 8TH ST
338 8TH ST
402 8TH ST
408 8TH ST
414 8TH ST

STA. 83+96.00, RT
RECONSTRUCT APRON P.E.

STA. 86+67.00, RT
RECONSTRUCT APRON P.E.

STA. 87+68.00, RT
RECONSTRUCT APRON P.E.

NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

2

CONCRETE CURB & GUTTER
30-INCH TYPE D

CONCRETE SIDEWALK
4-INCH (TYP.)

EXISTING RETAINING WALL TO REMAIN

SLOPE INTERCEPTS, TYP.

EXISTING RETAINING
WALL TO REMAIN

CONCRETE CURB & GUTTER
30-INCH TYPE D

MATCHLINE STA. 87+75.00

MATCHLINE STA. 93+75.00

BARKER ST 11+

10+50'BA'

CONCRETE CURB & GUTTER 30-INCH TYPE D

ELIZABETH ST 11+

10+50'EL'

STA. 91+99.00, LT
RECONSTRUCT APRON P.E.

N

427 8TH ST
435 8TH ST
503 8TH ST
505 8TH ST
507 8TH ST
513 8TH ST
525 8TH ST

R/W
P.L.
TLE
13.0'
14.0'
STH 33
88+00
89+00
90+00
91+00
92+00
93+00

424 8TH ST
432 8TH ST
502 8TH ST
508 8TH ST
510 8TH ST
512 8TH ST
514 8TH ST

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

SLOPE INTERCEPTS, TYP.

EXISTING RETAINING WALL TO REMAIN

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

EXISTING RETAINING WALL TO REMAIN

CONCRETE CURB & GUTTER 30-INCH TYPE D

STA. 88+93.00, RT
RECONSTRUCT APRON P.E.

STA. 92+21.00, RT
RECONSTRUCT APRON P.E.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 94	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021201-PD TO 021212-PD.DWG
LAYOUT NAME - 08
PLOT DATE : 4/28/2023 1:30 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

STA. 94+63.00, LT
RECONSTRUCT APRON P.E.

STA. 94+83.00, LT
RECONSTRUCT APRON P.E.

STA. 95+48.00, LT
RECONSTRUCT APRON P.E.

STA. 96+61.00, LT
RECONSTRUCT APRON P.E.

N

605 8TH ST

609 8TH ST

613 8TH ST

615 8TH ST

617 8TH ST

703 8TH ST

P.L.

CONCRETE SIDEWALK 4-INCH (TYP.)

EXISTING RETAINING WALL
AND STEPS TO REMAIN

CONCRETE CURB & GUTTER 30-INCH TYPE D

SLOPE INTERCEPTS, TYP.

TLE

R/W

MATCHLINE STA. 93+75.00

MATCHLINE STA. 99+25.00

PEDESTRIAN REFUGE ISLAND
(SEE CONSTRUCTION DETAIL)

STA. 96+51.82
0.00'

STA. 96+24.82
0.00'

13.0'
4.0'
14.0'
13.0'
20.0'

94+00 STH 33 95+00 96+00 97+00 STH 33 98+00 99+00

EXISTING STEPS TO REMAIN

SLOPE INTERCEPTS, TYP.

604 8TH ST

618 8TH ST

704 8TH ST

708 8TH ST

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

9+50'CA

CAMP ST

R/W

P.L.

STA. 93+91.00, RT
RECONSTRUCT APRON C.E.

STA. 94+27.00, RT
RECONSTRUCT APRON C.E.

STA. 94+98.00, RT
RECONSTRUCT APRON C.E.

STA. 95+53.00, RT
RECONSTRUCT APRON C.E.

STA. 98+60.00, RT
RECONSTRUCT APRON P.E.

NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

STA. 104+77.00, LT
RECONSTRUCT APRON C.E.

N

SLOPE INTERCEPT, TYP

CONCRETE SIDEWALK
4-INCH (TYP.)

CONCRETE CURB & GUTTER
30-INCH TYPE D

EXISTING RETAINING WALL
AND STEPS TO REMAIN

717 8TH ST

TUTTLE ST

EXISTING RETAINING
WALL TO REMAIN

CONCRETE CURB & GUTTER
30-INCH TYPE D

727 8TH ST

CONCRETE SIDEWALK 4-INCH (TYP.)

SLOPE INTERCEPTS, TYP.

CONCRETE CURB & GUTTER 30-INCH TYPE D

DRIVEWAY AT STA. 104+00.00 TO
BE PERMANENTLY REMOVED

MATCHLINE STA. 99+25.00

MATCHLINE STA. 105+00.00

STA. 100+64.80
0.00'

STA. 100+41.80
0.00'

13.0'
4.0'
14.0'
13.0'
16.0'

STH 33 100+00 101+00 STH 33 102+00 103+00 104+00 105

PEDESTRIAN REFUGE ISLAND
(SEE CONSTRUCTION DETAIL)

SLOPE INTERCEPTS, TYP.

714 8TH ST

722 8TH ST

740 8TH ST

742 8TH ST

815 6TH ST

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

9+50'WH'

WHEELER ST

DRIVEWAY AT STA. 104+14.00 TO
BE PERMANENTLY REMOVED

STA. 99+49.00, RT
RECONSTRUCT APRON P.E.

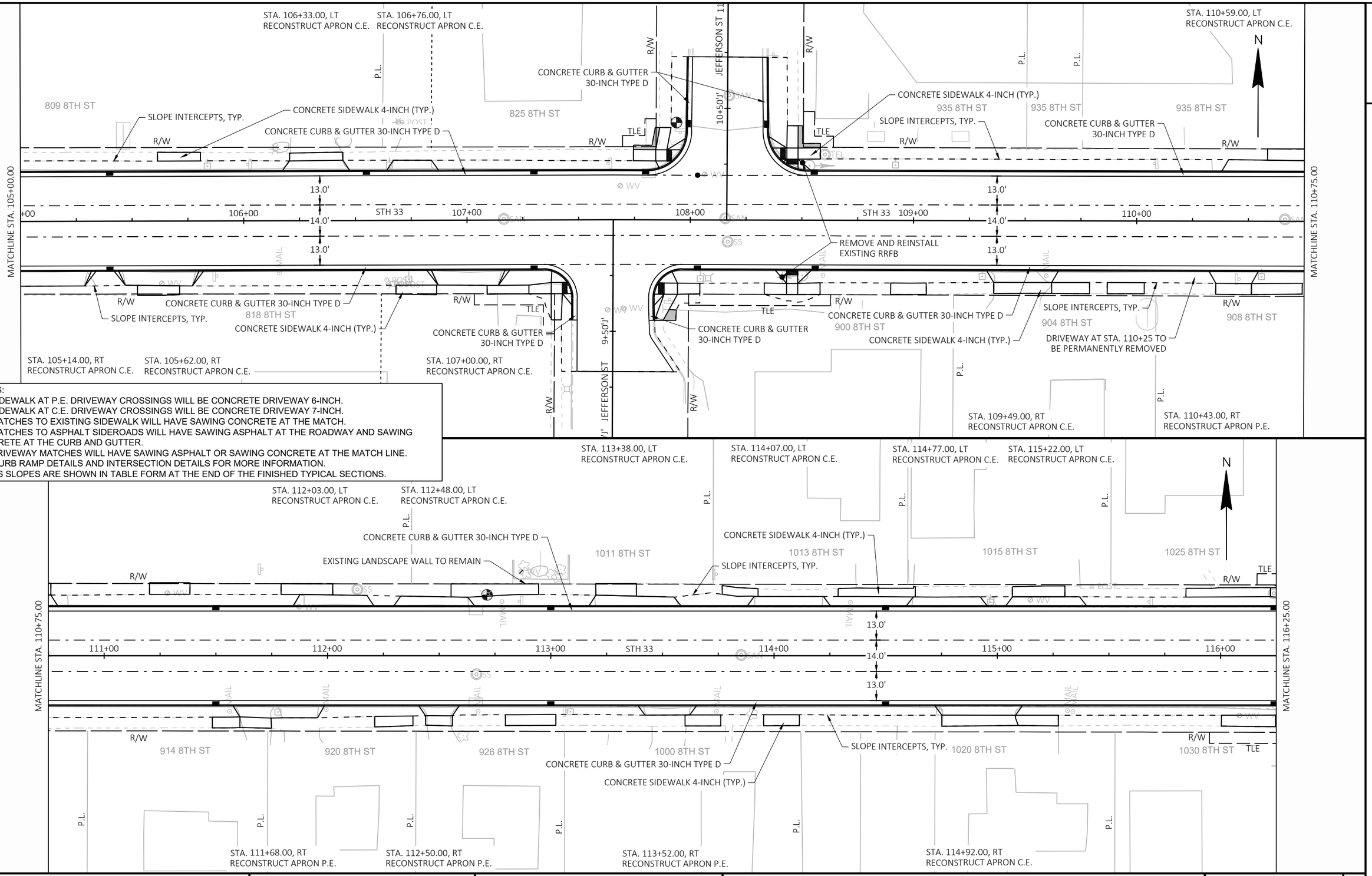
STA. 99+79.00, RT
RECONSTRUCT APRON P.E.

STA. 101+72.00, RT
RECONSTRUCT APRON P.E.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 95	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021201-PD TO 021212-PD.DWG
LAYOUT NAME - 09

PLOT DATE : 4/28/2023 1:43 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT



NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

2

STA. 118+11.00, LT
RECONSTRUCT APRON C.E.

STA. 119+22.00, LT
RECONSTRUCT APRON C.E.

STA. 119+83.00, LT
RECONSTRUCT APRON C.E.

STA. 120+96.00, LT
RECONSTRUCT APRON C.E.

ARCHAEOLOGICAL AND
HISTORIC SENSITIVE AREA

WASHINGTON AVE

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH (TYP.)

SLOPE INTERCEPTS, TYP.

1111 8TH ST

1117 8TH ST

1139 8TH ST

MATCHLINE STA. 116+25.00

MATCHLINE STA. 122+25.00

117+00 STH 33 118+00 119+00 120+00 121+00 122+00

13.0'
14.0'
13.0'

1120 8TH ST

1146 8TH ST

CONCRETE SURFACE DRAIN

EXISTING CHAIN LINK FENCE TO REMAIN

NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
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ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

STA. 117+87.00, RT
RECONSTRUCT APRON C.E.

STA. 118+89.00, RT
RECONSTRUCT APRON C.E.

STA. 122+44.00, LT
RECONSTRUCT APRON C.E.

STA. 123+57.00, LT
RECONSTRUCT APRON C.E.

STA. 125+43.00, LT
RECONSTRUCT APRON C.E.

STA. 127+83.00, LT
RECONSTRUCT APRON C.E.

STA. 119+00 - STA. 130+60 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.

LINCOLN AVE

CONCRETE CURB & GUTTER 30-INCH TYPE D

SLOPE INTERCEPTS, TYP.

CONCRETE SIDEWALK 4-INCH (TYP.)

EXISTING CURB TO REMAIN

1159 8TH ST

1203 8TH ST

1212 8TH ST

MATCHLINE STA. 122+25.00

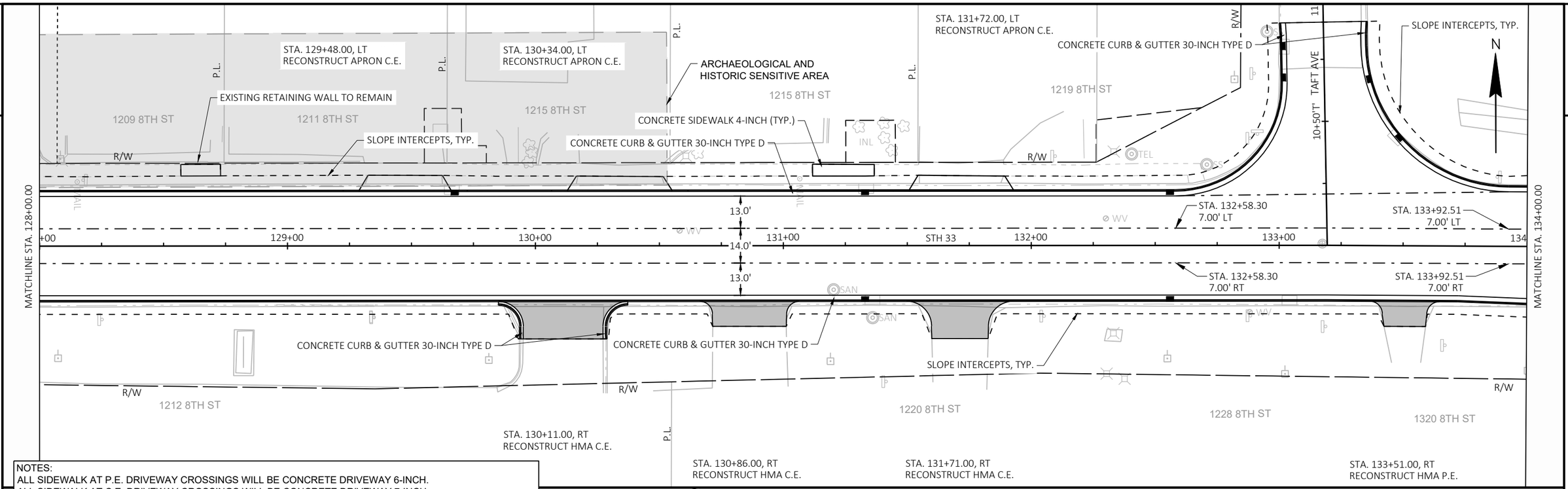
MATCHLINE STA. 128+00.00

123+00 124+00 STH 33 125+00 126+00 127+00 STH 33 128

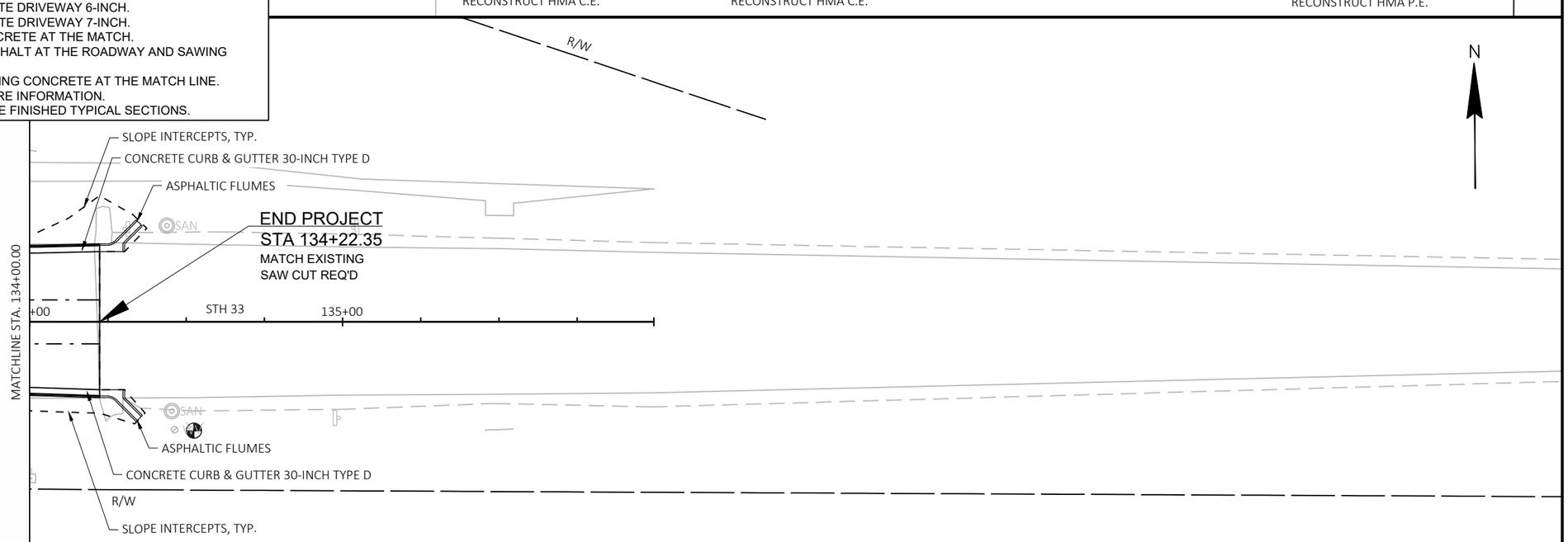
13.0'
14.0'
13.0'

EXISTING CHAIN LINK
FENCE TO REMAIN

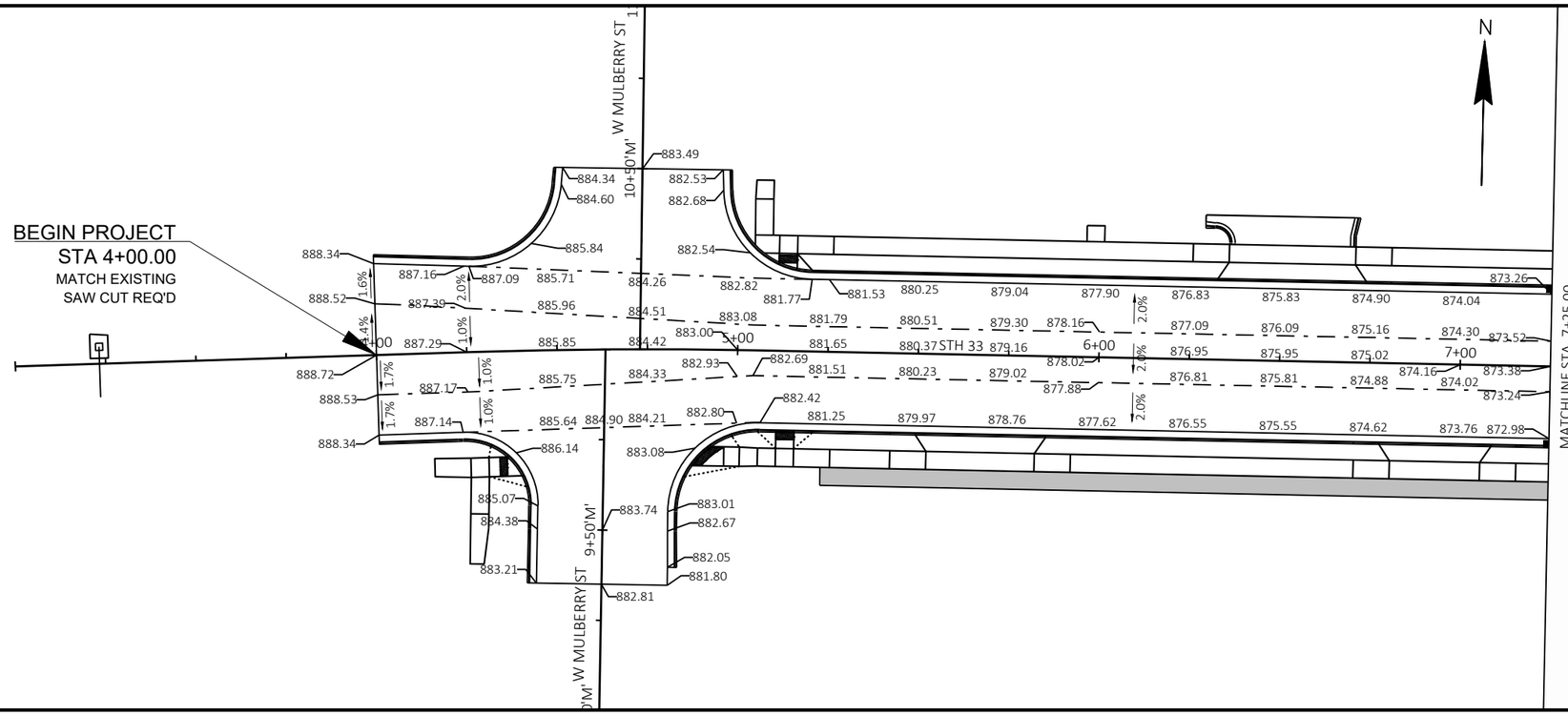
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 97	E

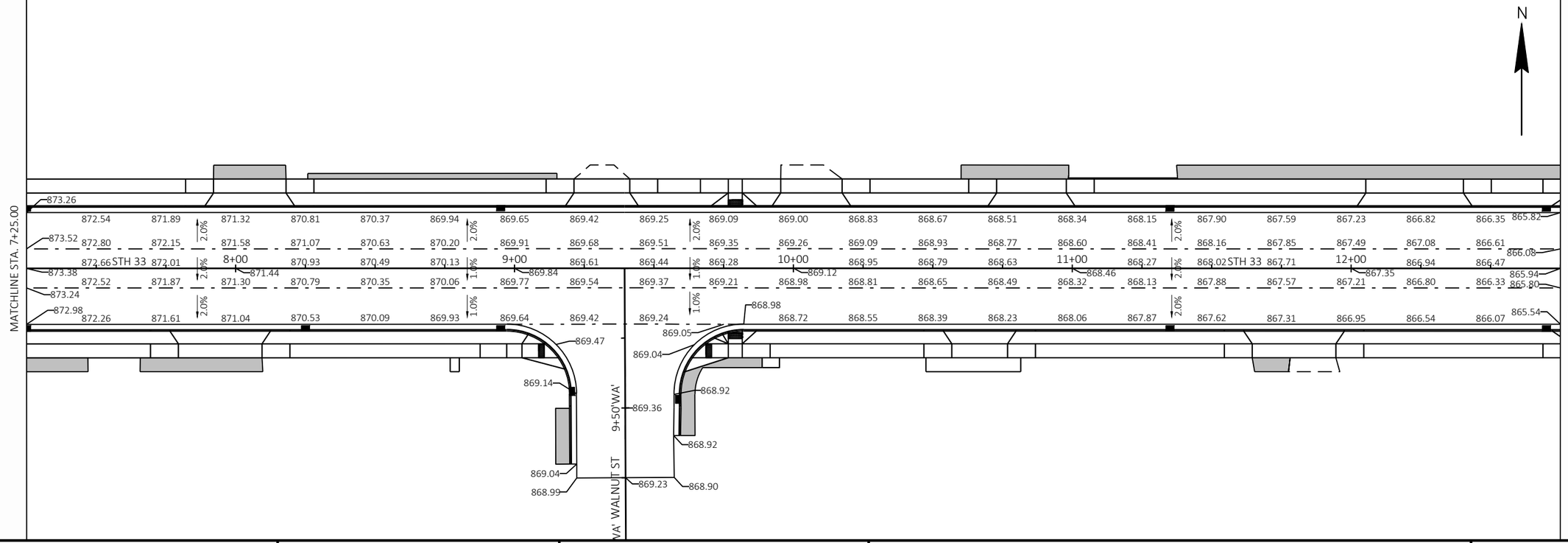


NOTES:
ALL SIDEWALK AT P.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 6-INCH.
ALL SIDEWALK AT C.E. DRIVEWAY CROSSINGS WILL BE CONCRETE DRIVEWAY 7-INCH.
ALL MATCHES TO EXISTING SIDEWALK WILL HAVE SAWING CONCRETE AT THE MATCH.
ALL MATCHES TO ASPHALT SIDEROADS WILL HAVE SAWING ASPHALT AT THE ROADWAY AND SAWING CONCRETE AT THE CURB AND GUTTER.
ALL DRIVEWAY MATCHES WILL HAVE SAWING ASPHALT OR SAWING CONCRETE AT THE MATCH LINE.
SEE CURB RAMP DETAILS AND INTERSECTION DETAILS FOR MORE INFORMATION.
CROSS SLOPES ARE SHOWN IN TABLE FORM AT THE END OF THE FINISHED TYPICAL SECTIONS.

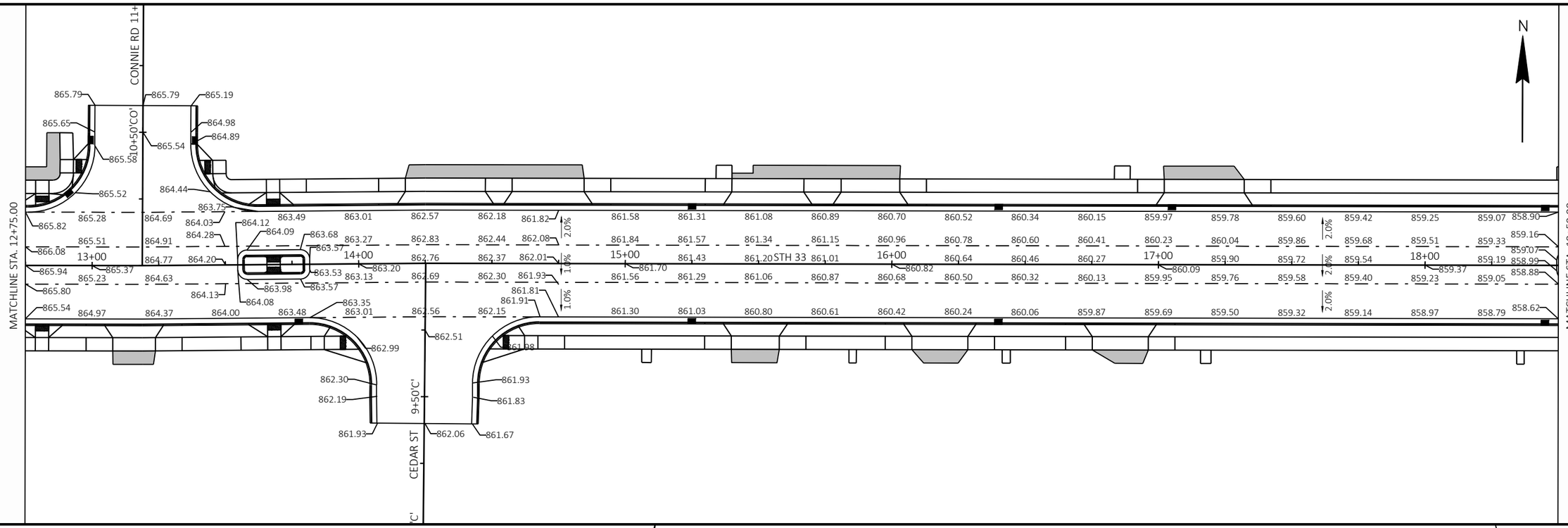


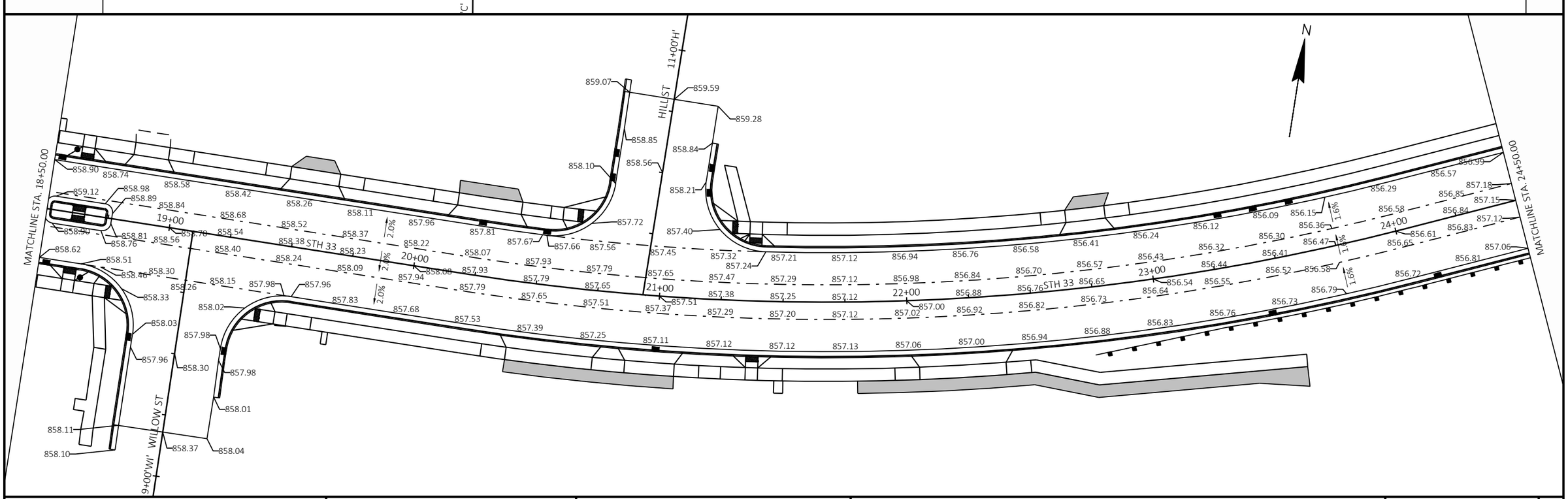
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAIL	SHEET 98	E





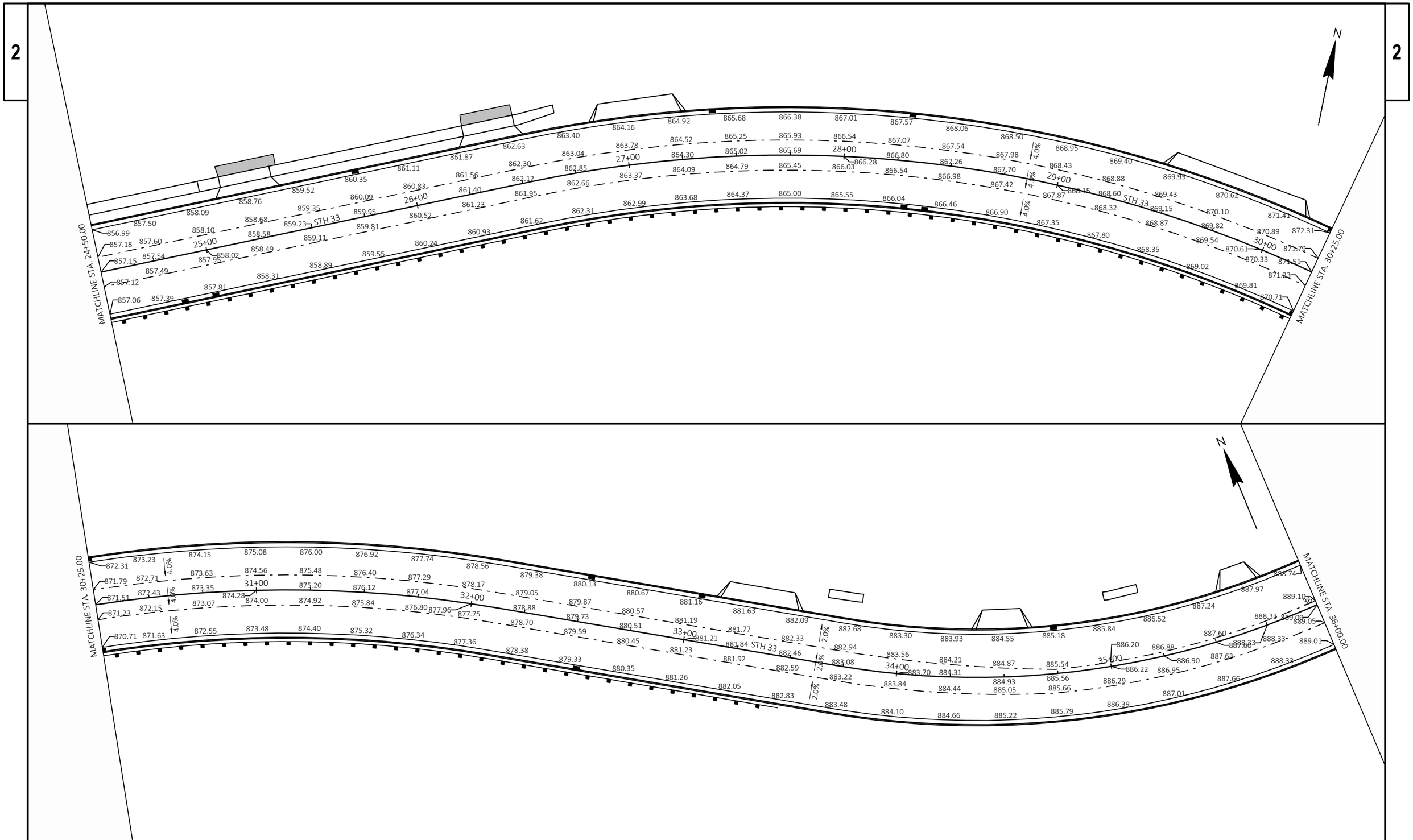
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 99	E



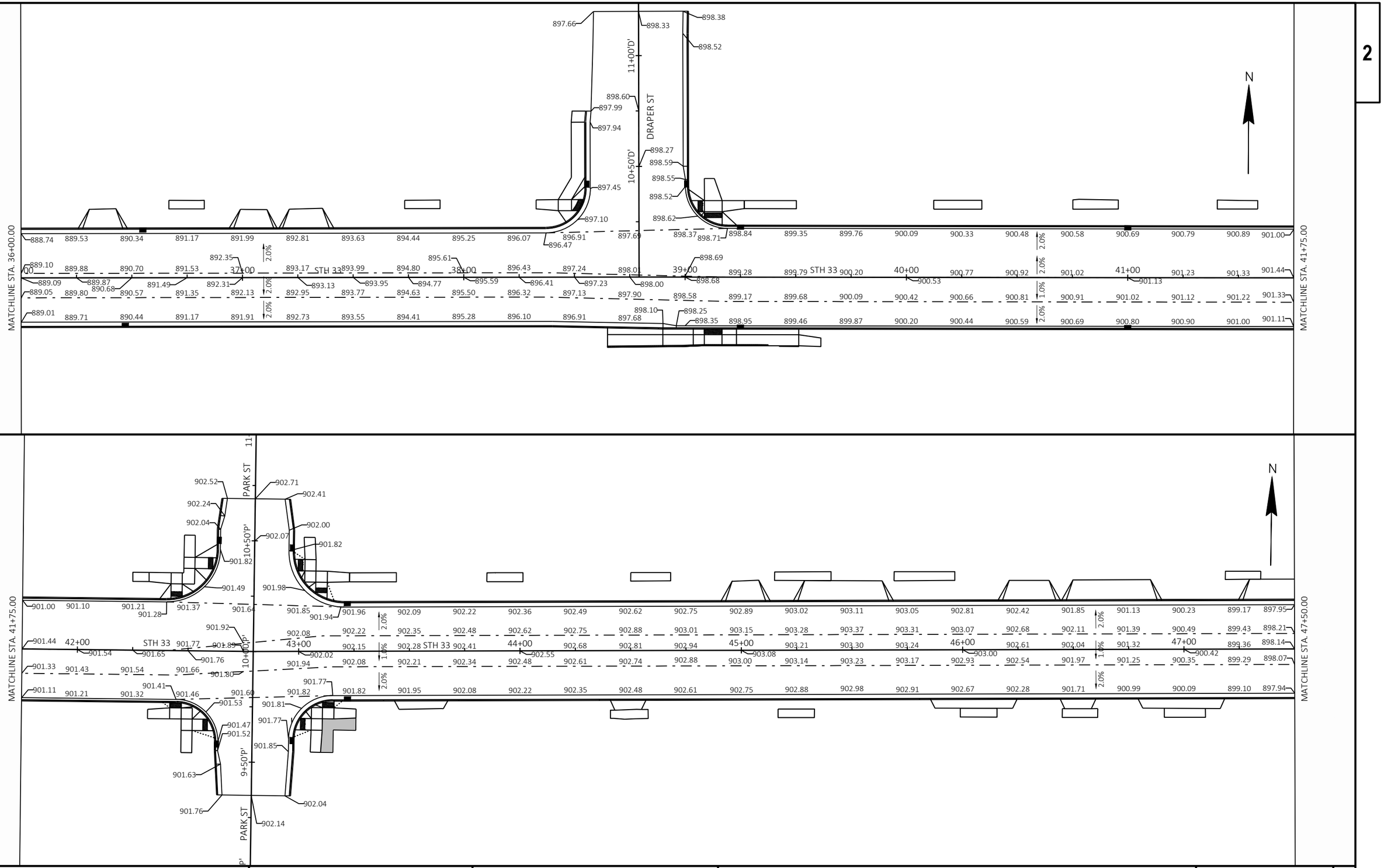


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 100	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021213-PD TO 021224-PD (PAVEMENT GRADES).DWG
LAYOUT NAME - 14
PLOT DATE : 4/28/2023 1:48 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 101	E

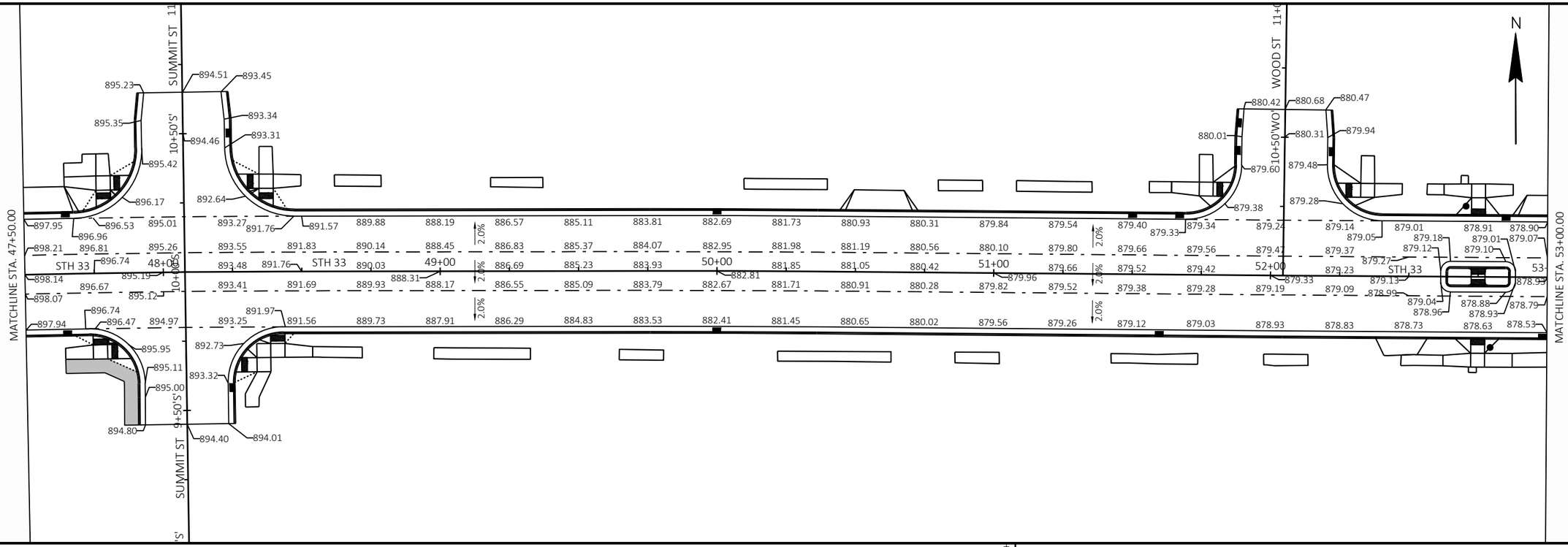


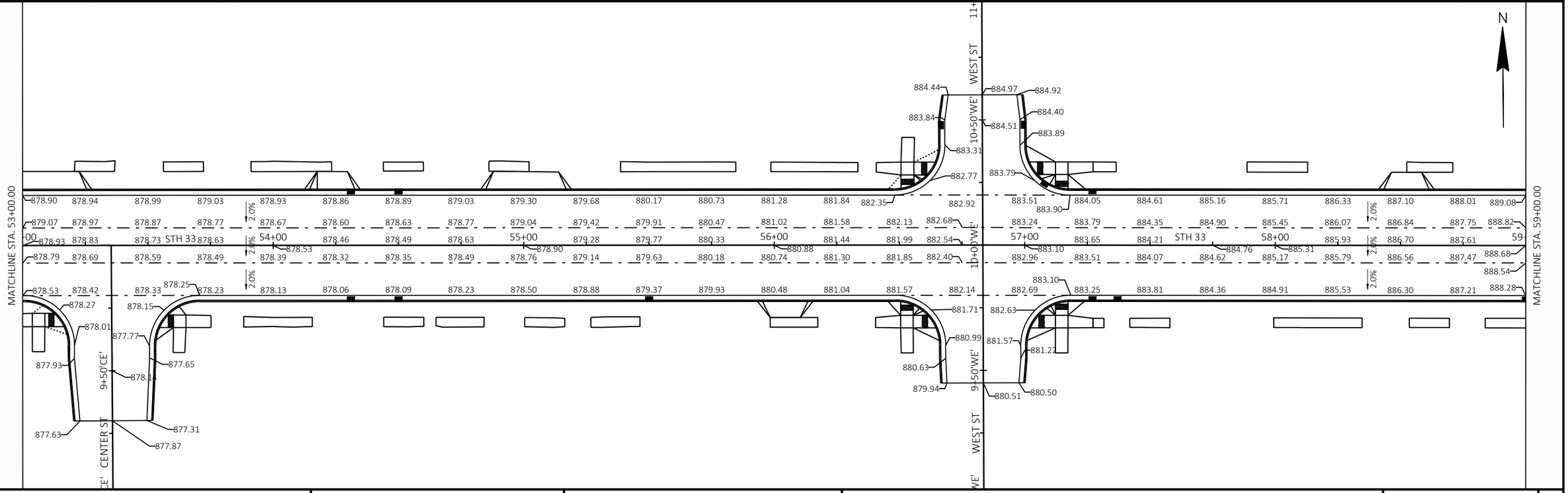
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 102	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021213-PD TO 021224-PD (PAVEMENT GRADES).DWG
LAYOUT NAME - 16

PLOT DATE : 4/28/2023 1:50 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

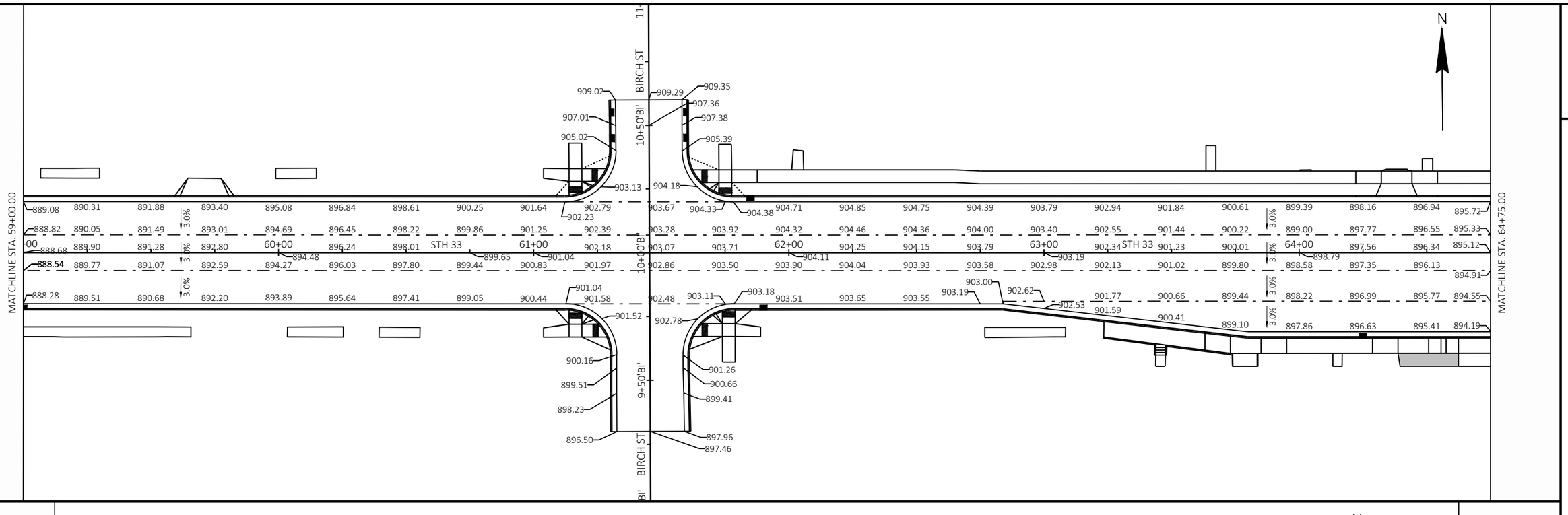
WISDOT/CADDS SHEET 44

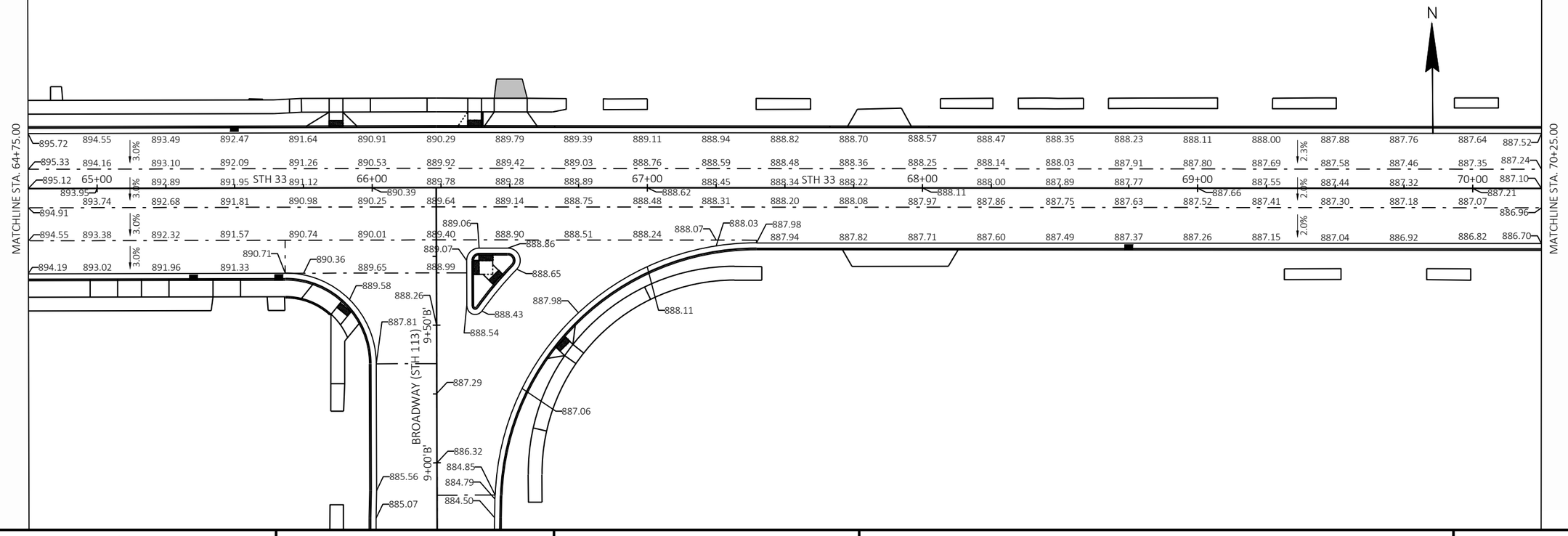




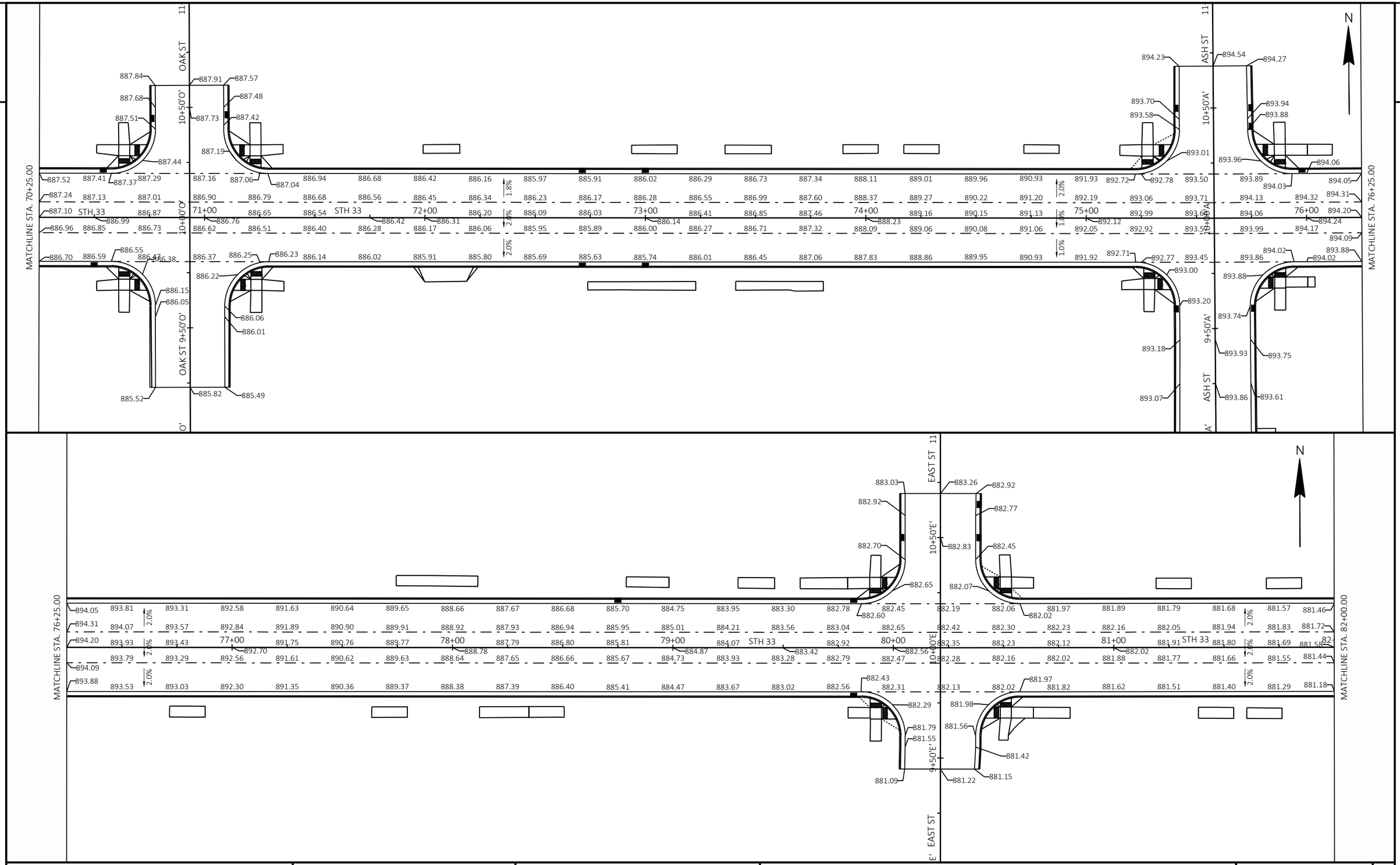
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 103	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021213-PD TO 021224-PD (PAVEMENT GRADES).DWG
LAYOUT NAME - 17
PLOT DATE : 4/28/2023 1:51 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

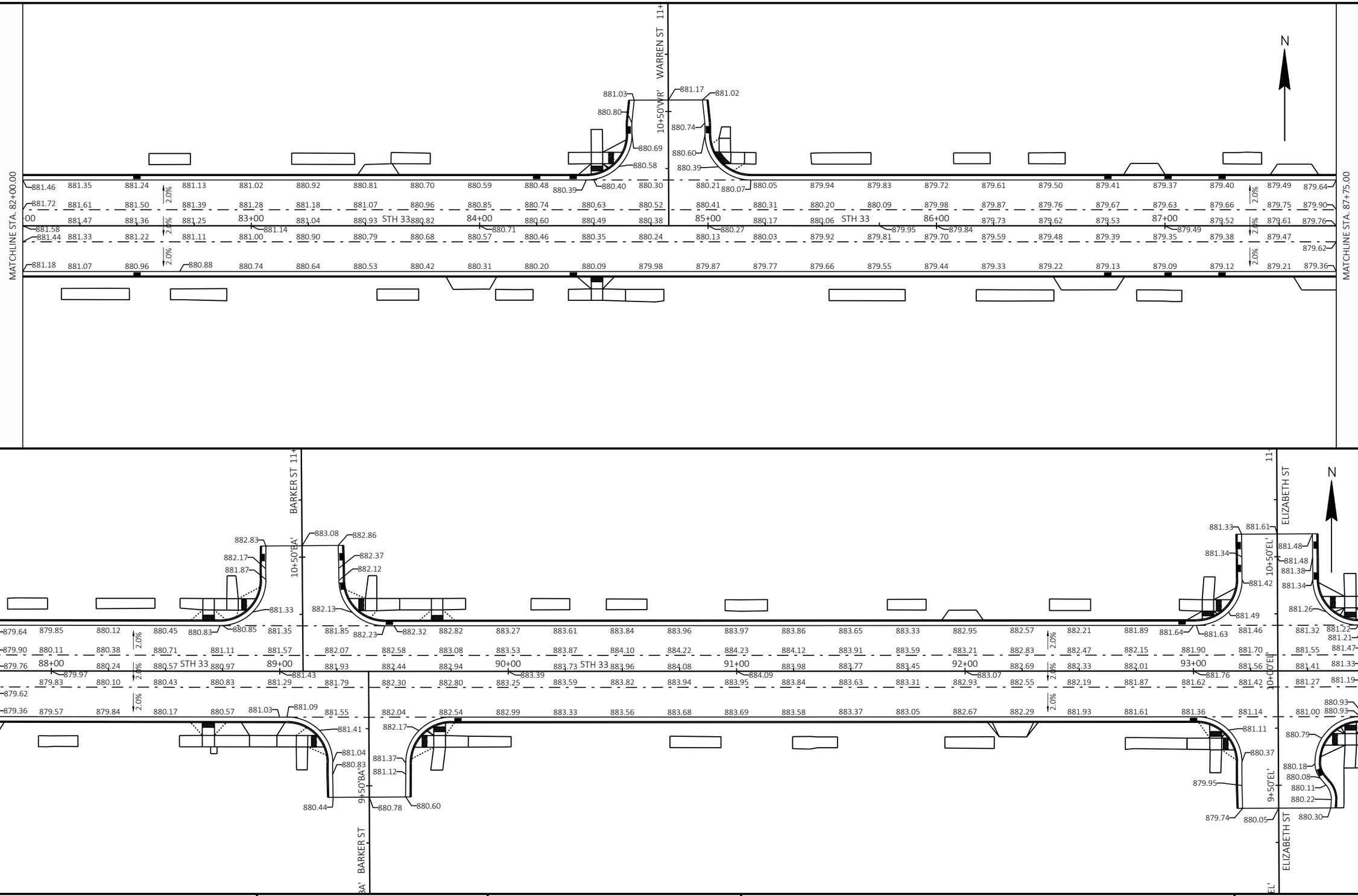




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 104	E



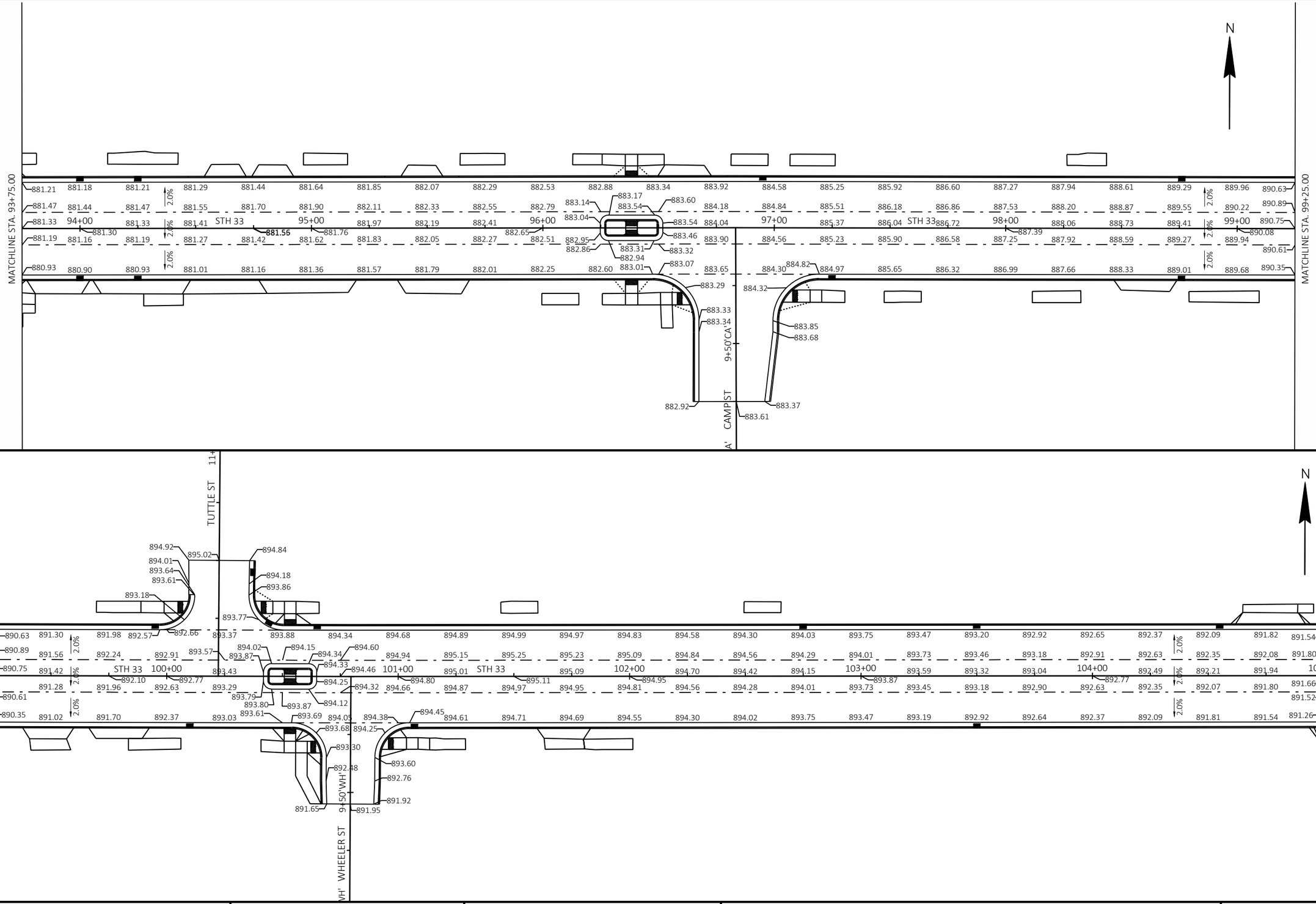
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 105	E



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 106	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021213-PD TO 021224-PD (PAVEMENT GRADES).DWG
LAYOUT NAME - 20

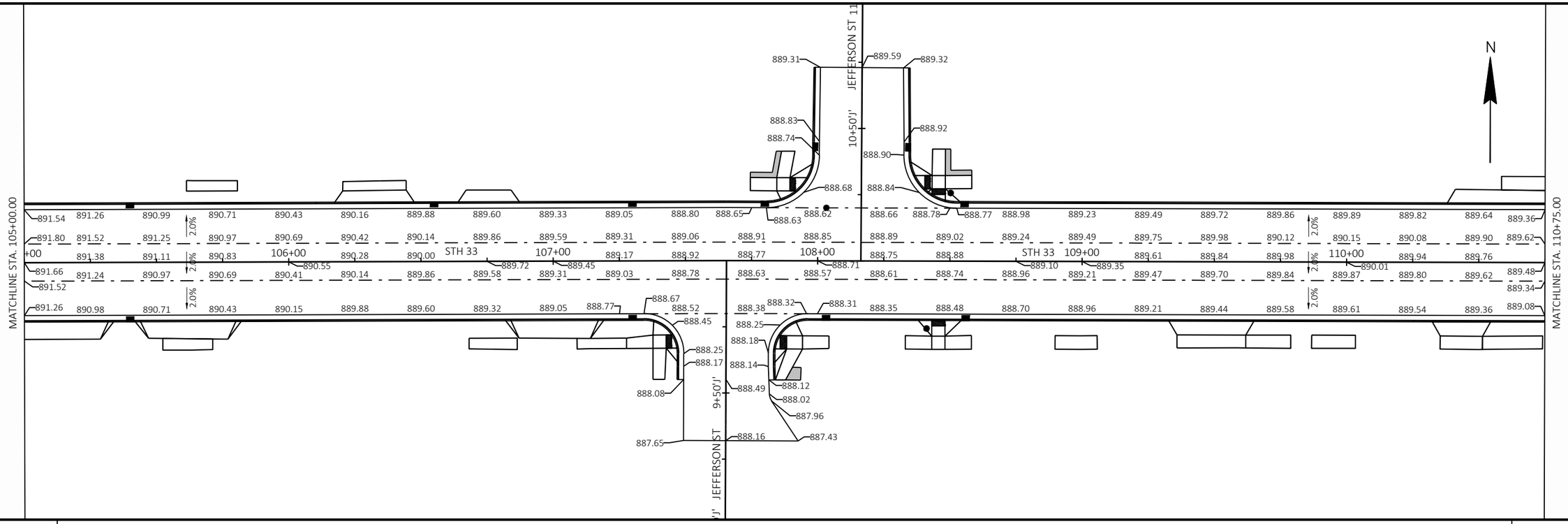
PLOT DATE : 4/28/2023 1:54 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

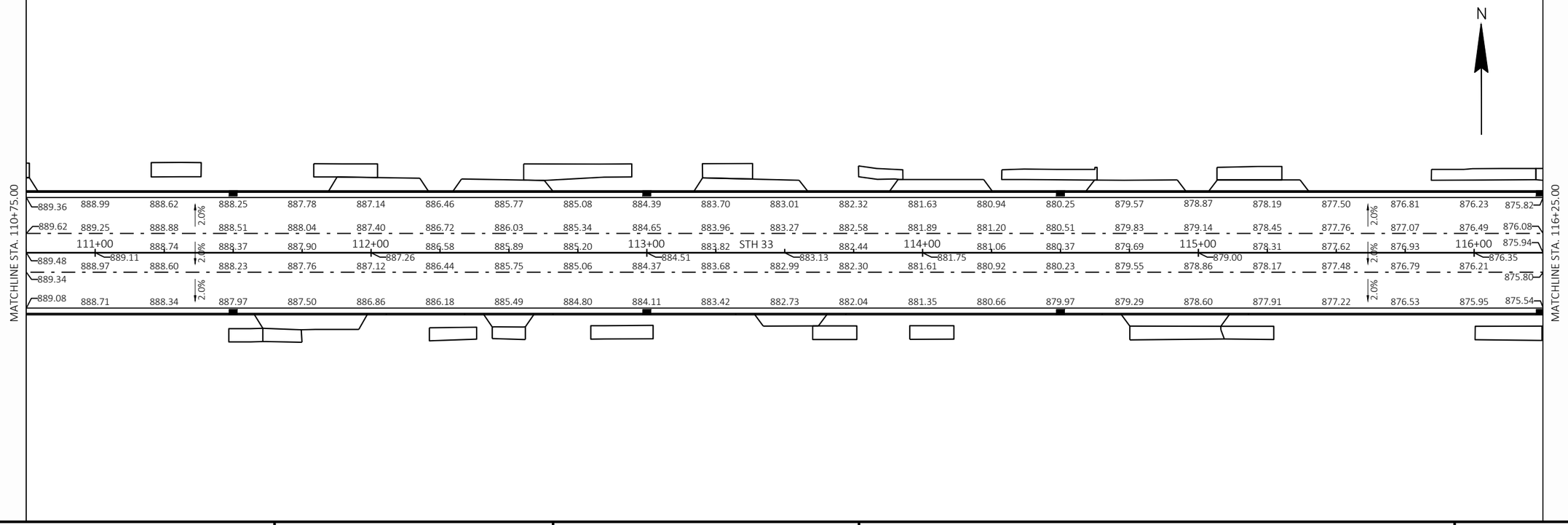


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 107	E

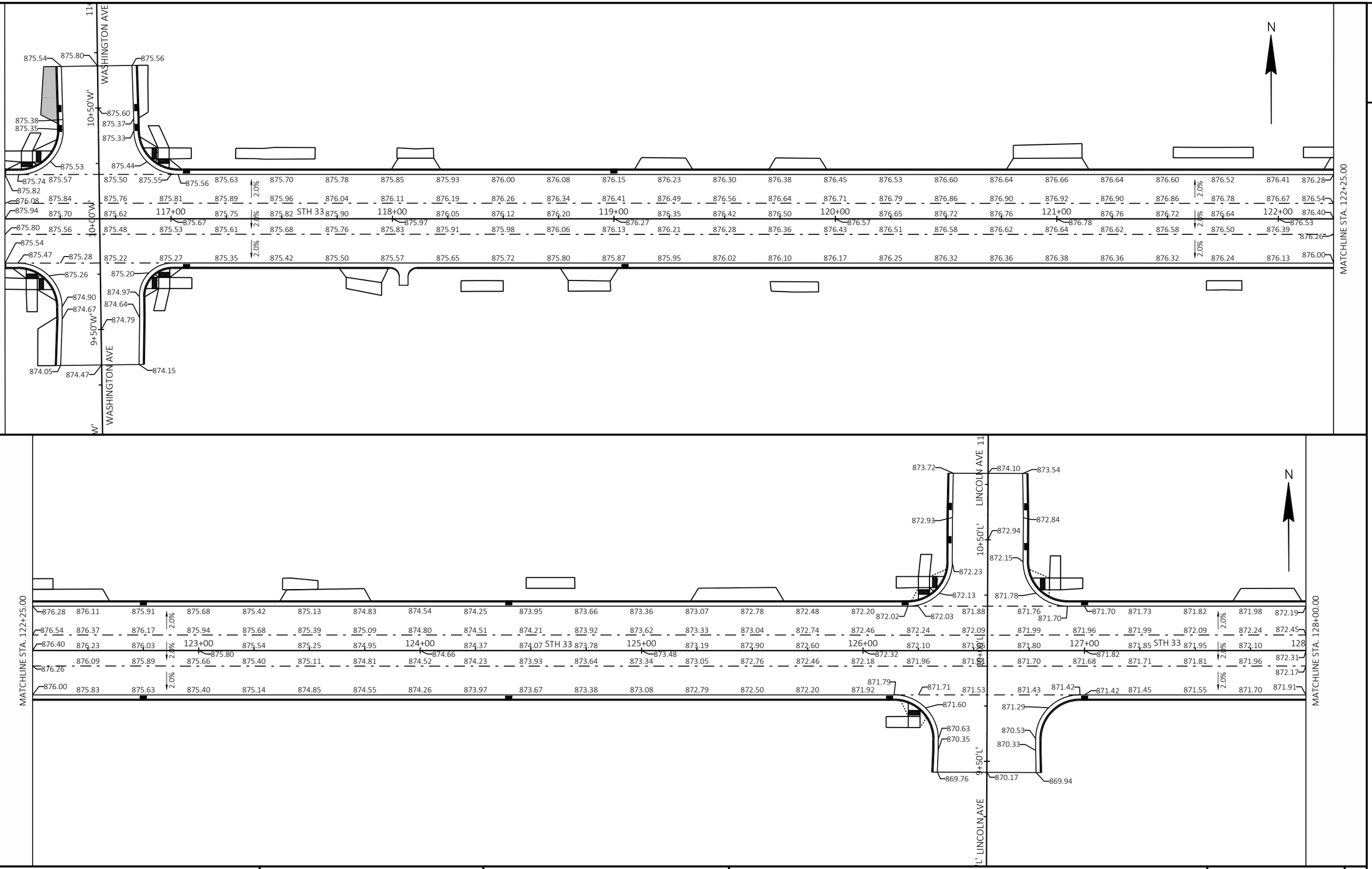
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021213-PD TO 021224-PD (PAVEMENT GRADES).DWG
LAYOUT NAME - 21

PLOT DATE : 4/28/2023 1:55 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

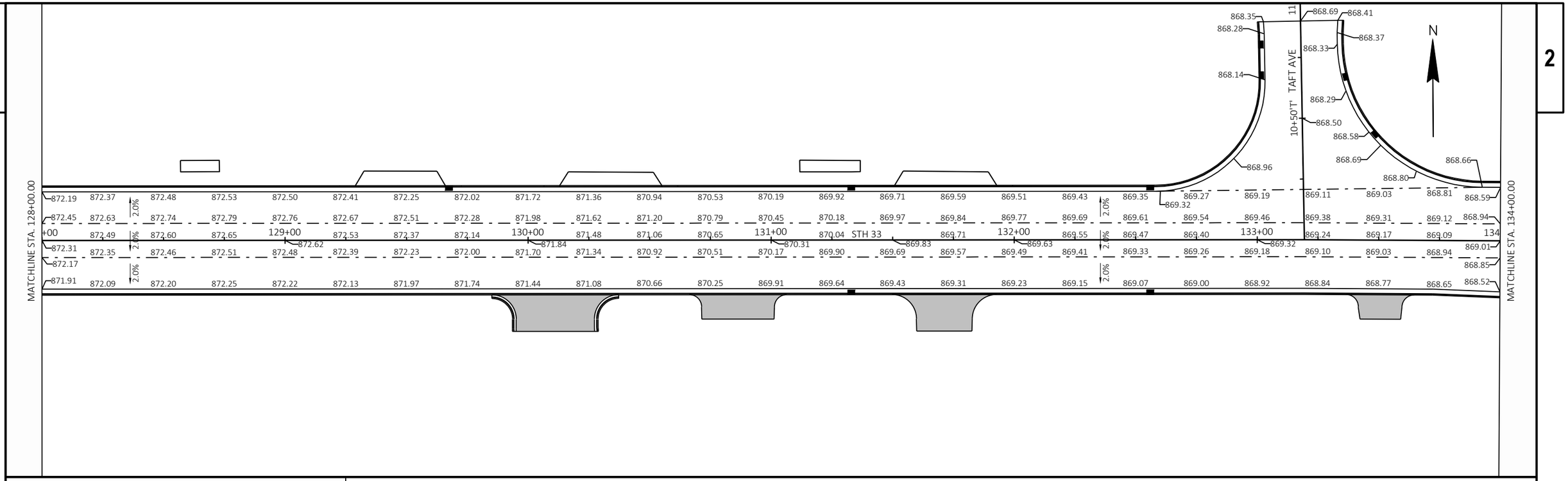


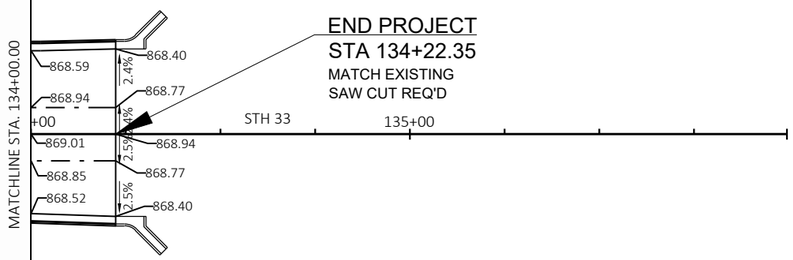


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 108	E



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 109	E

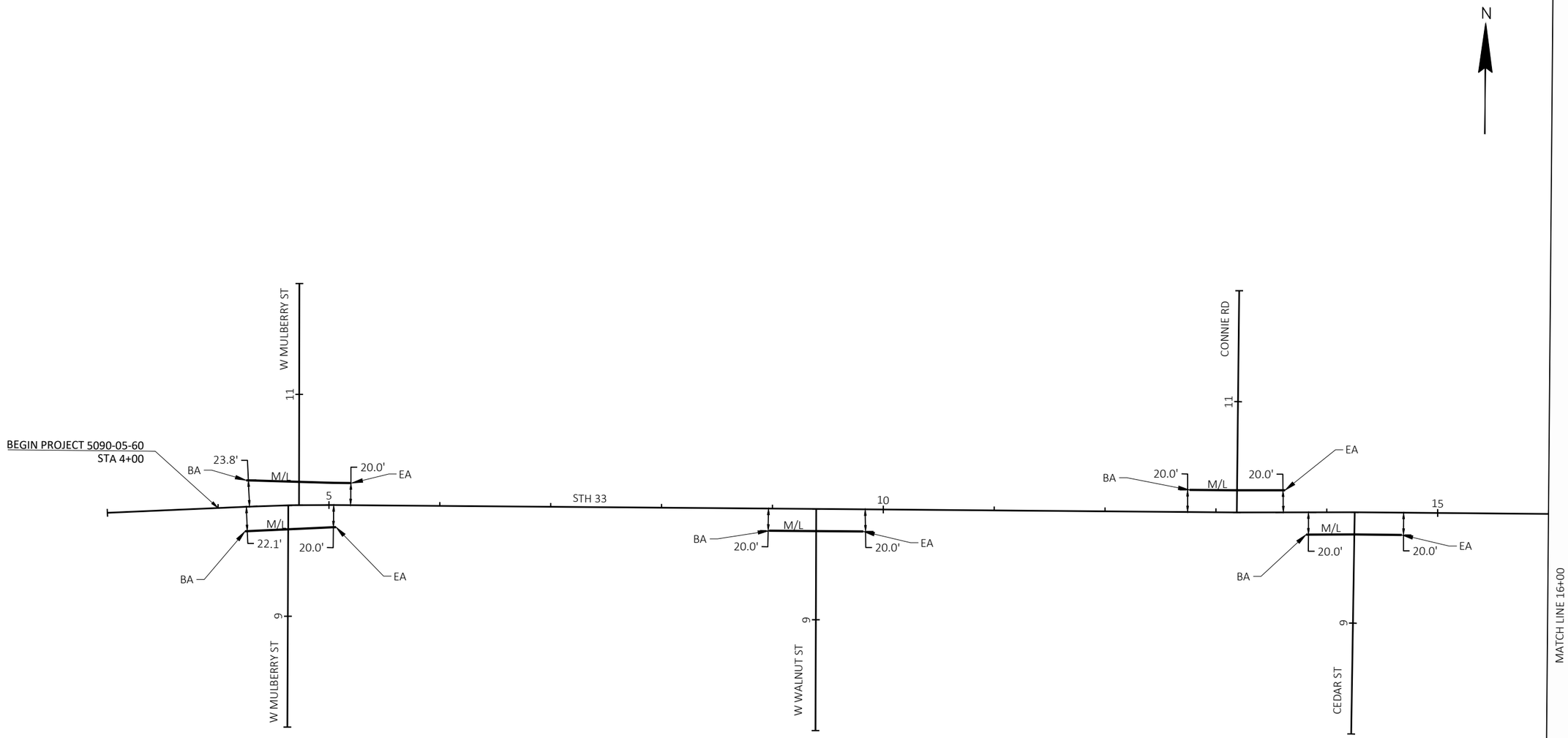




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN DETAILS - PAVEMENT GRADES	SHEET 110	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021213-PD TO 021224-PD (PAVEMENT GRADES).DWG
LAYOUT NAME - 24
PLOT DATE : 4/28/2023 1:56 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS ARE PROVIDED EVERY 50 FEET (TYP).

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTION MATCHLINE DETAIL	SHEET 111	E

2

2

N

MATCH LINE 16+00

HILL ST

11

BA

20.0'

M/L

20.0'

EA

20

BA

20.0'

M/L

20.0'

EA

STH 33

25

END PROJECT 5090-05-60
STA 26+60

BEGIN PROJECT 5090-05-71
STA 26+60

30

9

WILLOW ST

MATCH LINE 31+75

NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

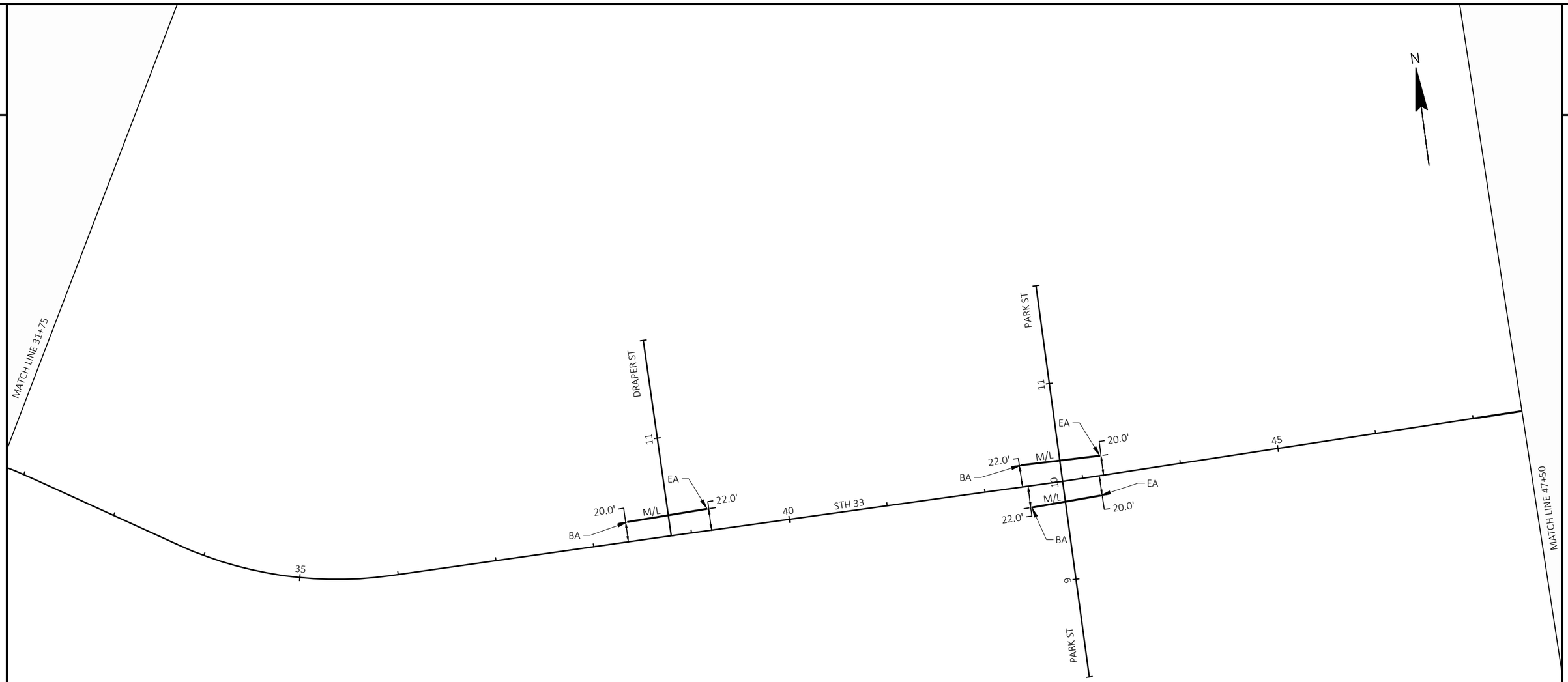
THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS ARE PROVIDED EVERY 50 FEET (TYP).

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTION MATCHLINE DETAIL	SHEET 112	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021801-XM.DWG
LAYOUT NAME - 02

PLOT DATE : 4/28/2023 12:37 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS ARE PROVIDED EVERY 50 FEET (TYP).

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTION MATCHLINE DETAIL	SHEET 113	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021801-XM.DWG
LAYOUT NAME - 03
PLOT DATE : 4/28/2023 12:38 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

MATCH LINE 47+50

SUMMIT ST

WOOD ST

WEST ST

BIRCH ST

STH 33

50

55

60

11

10

9

BA

EA

M/L

20.0'

SUMMIT ST

CENTER ST

WEST ST

BIRCH ST

MATCH LINE 62+50

NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS ARE PROVIDED EVERY 50 FEET (TYP).

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTION MATCHLINE DETAIL	SHEET 114	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021801-XM.DWG
LAYOUT NAME - 04

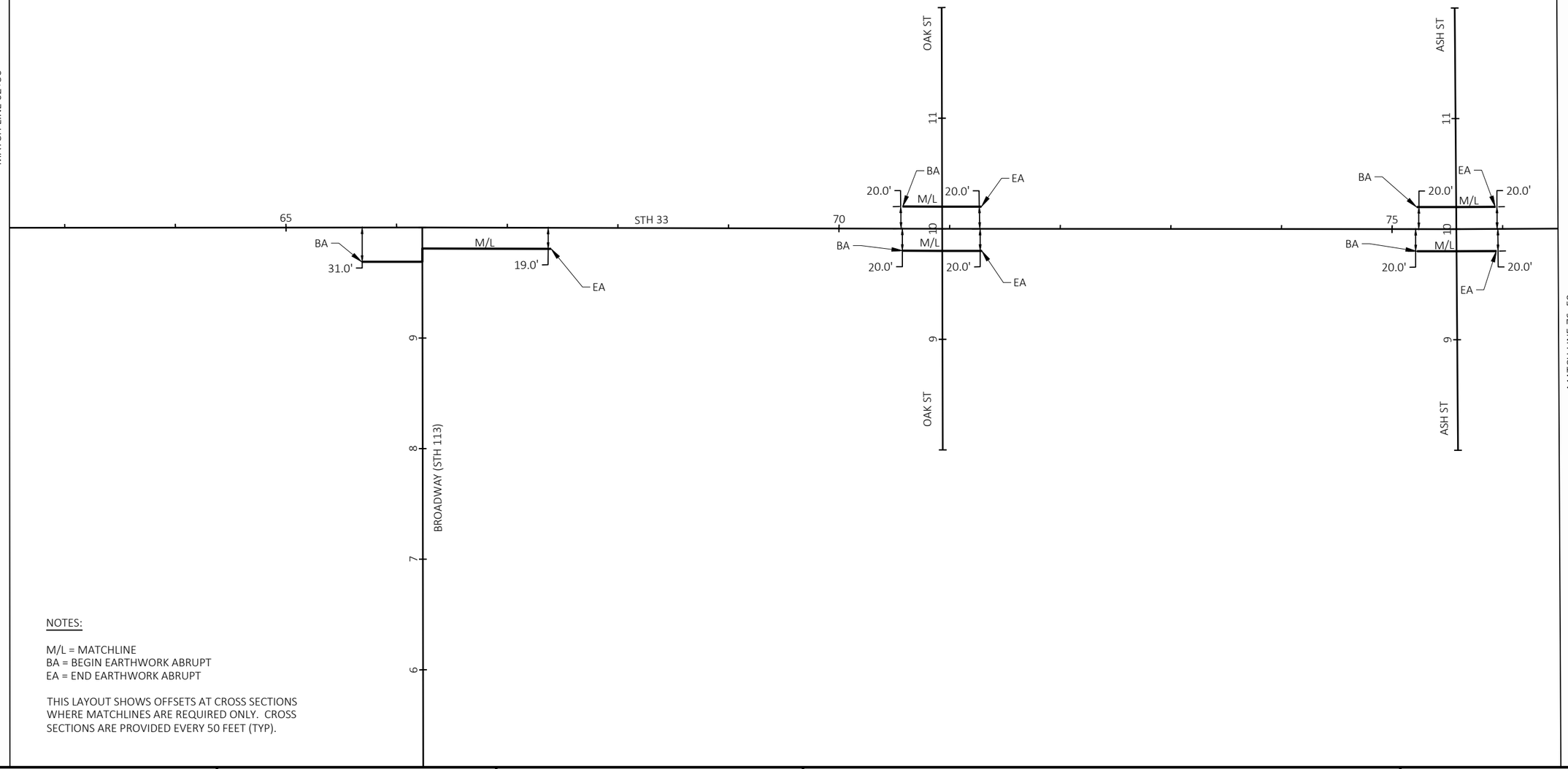
PLOT DATE : 4/28/2023 12:38 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

MATCH LINE 62+50



MATCH LINE 76+50

NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS ARE PROVIDED EVERY 50 FEET (TYP).

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTION MATCHLINE DETAIL	SHEET 115	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021801-XM.DWG
LAYOUT NAME - 05

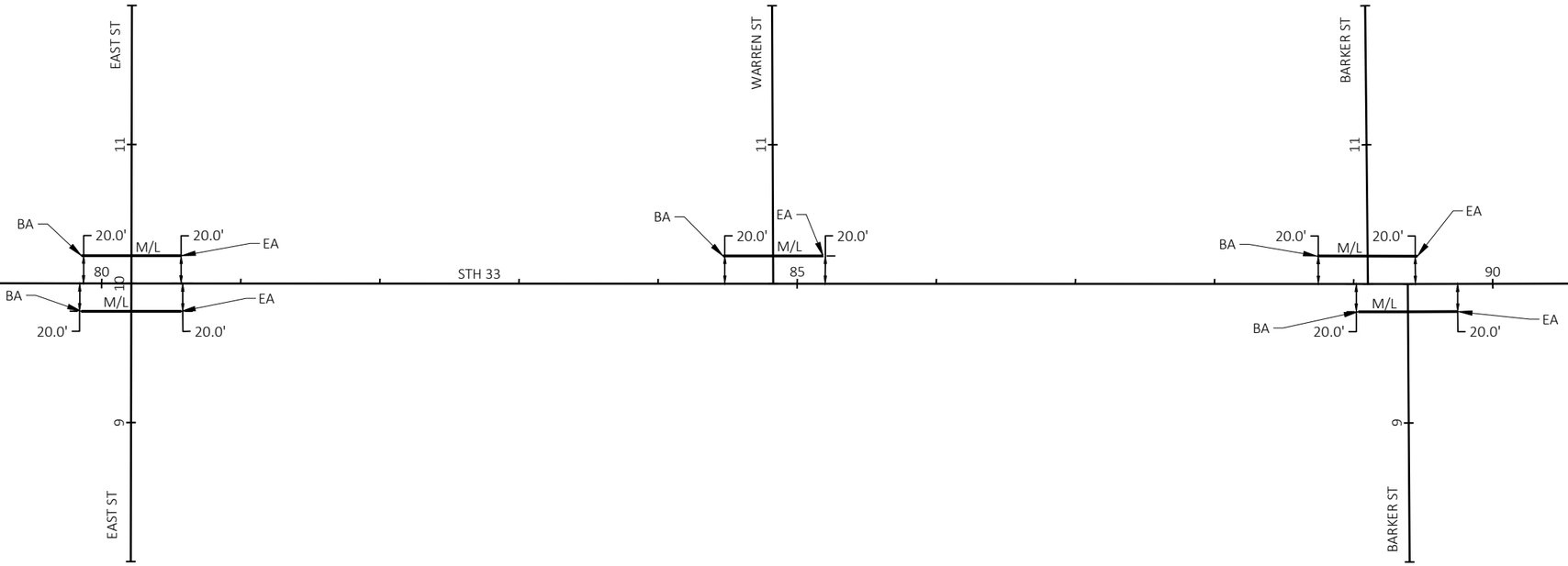
PLOT DATE : 4/28/2023 2:43 PM PLOT BY : KEVIN JORDAN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

MATCH LINE 76+50



MATCH LINE 91+50

NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS ARE PROVIDED EVERY 50 FEET (TYP).

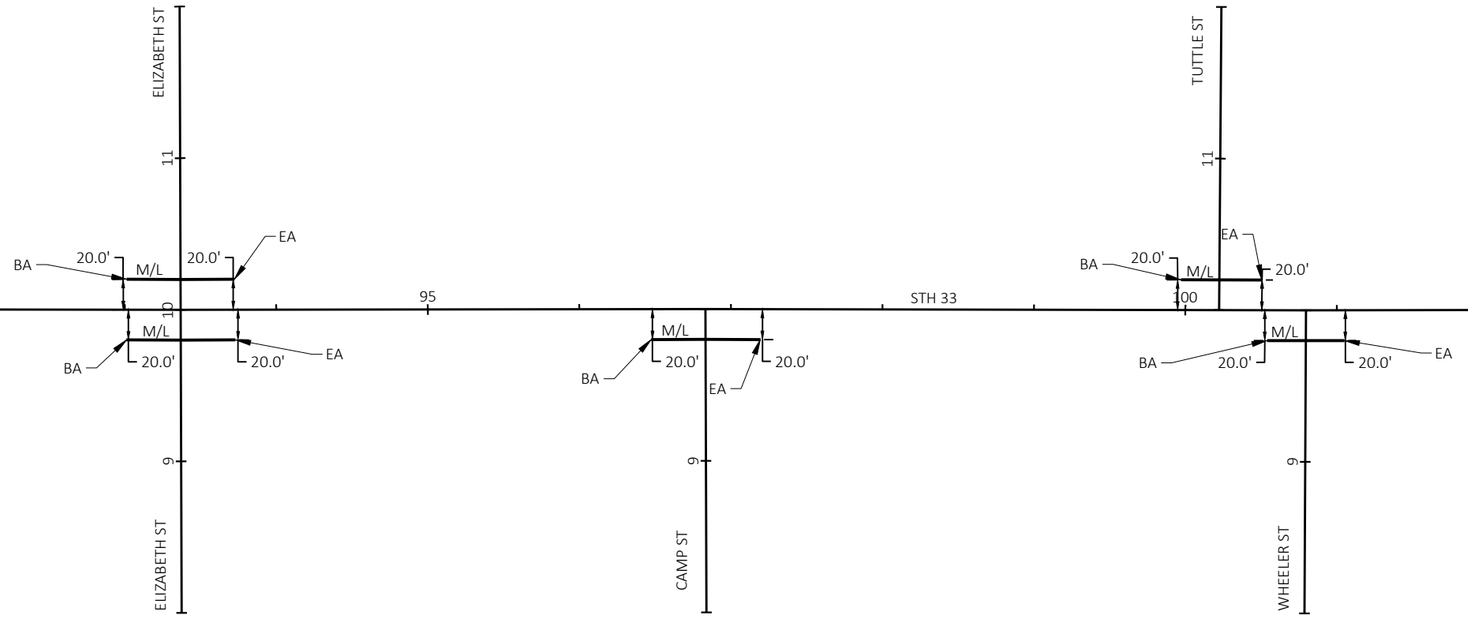
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTION MATCHLINE DETAIL	SHEET 116	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021801-XM.DWG
LAYOUT NAME - 06
PLOT DATE : 4/28/2023 12:39 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

MATCH LINE 91+50



MATCH LINE 106+50

NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS ARE PROVIDED EVERY 50 FEET (TYP).

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTION MATCHLINE DETAIL	SHEET 117	E

2

N

MATCH LINE 106+50

JEFFERSON ST

11

BA — 20.0' — M/L — 20.0' — EA

BA — 20.0' — M/L — 20.0' — EA

10

9

JEFFERSON ST

110

STH 33

115

WASHINGTON AVE

11

BA — 20.0' — M/L — 20.0' — EA

BA — 20.0' — M/L — 20.0' — EA

10

9

WASHINGTON AVE

120

MATCH LINE 121+50

NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS ARE PROVIDED EVERY 50 FEET (TYP).

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTION MATCHLINE DETAIL	SHEET 118	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\021801-XM.DWG
LAYOUT NAME - 08

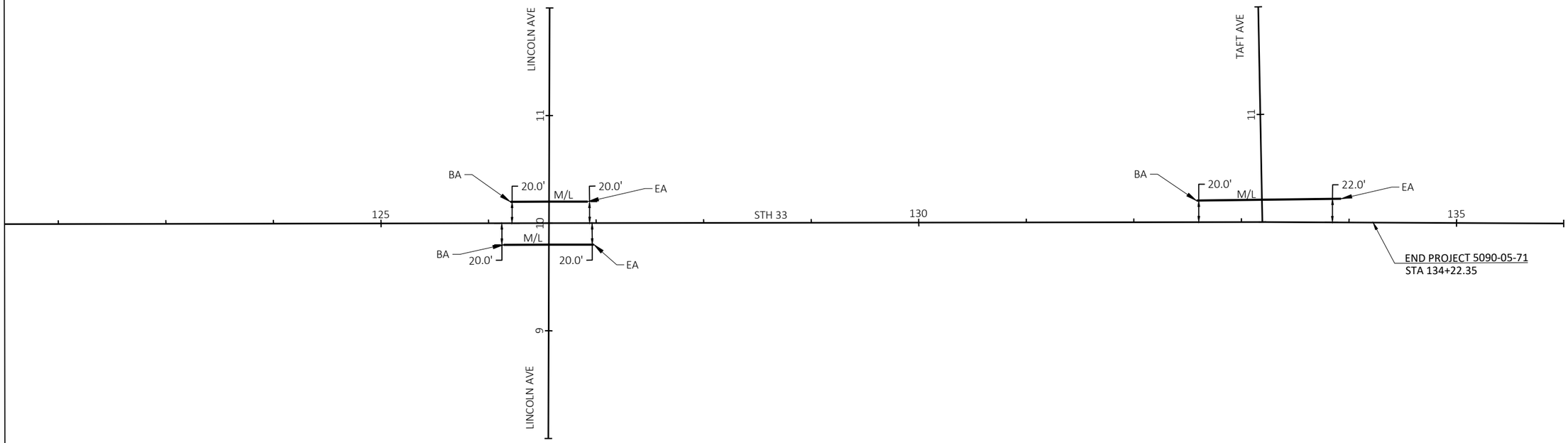
PLOT DATE : 4/28/2023 12:42 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

MATCH LINE 121+50



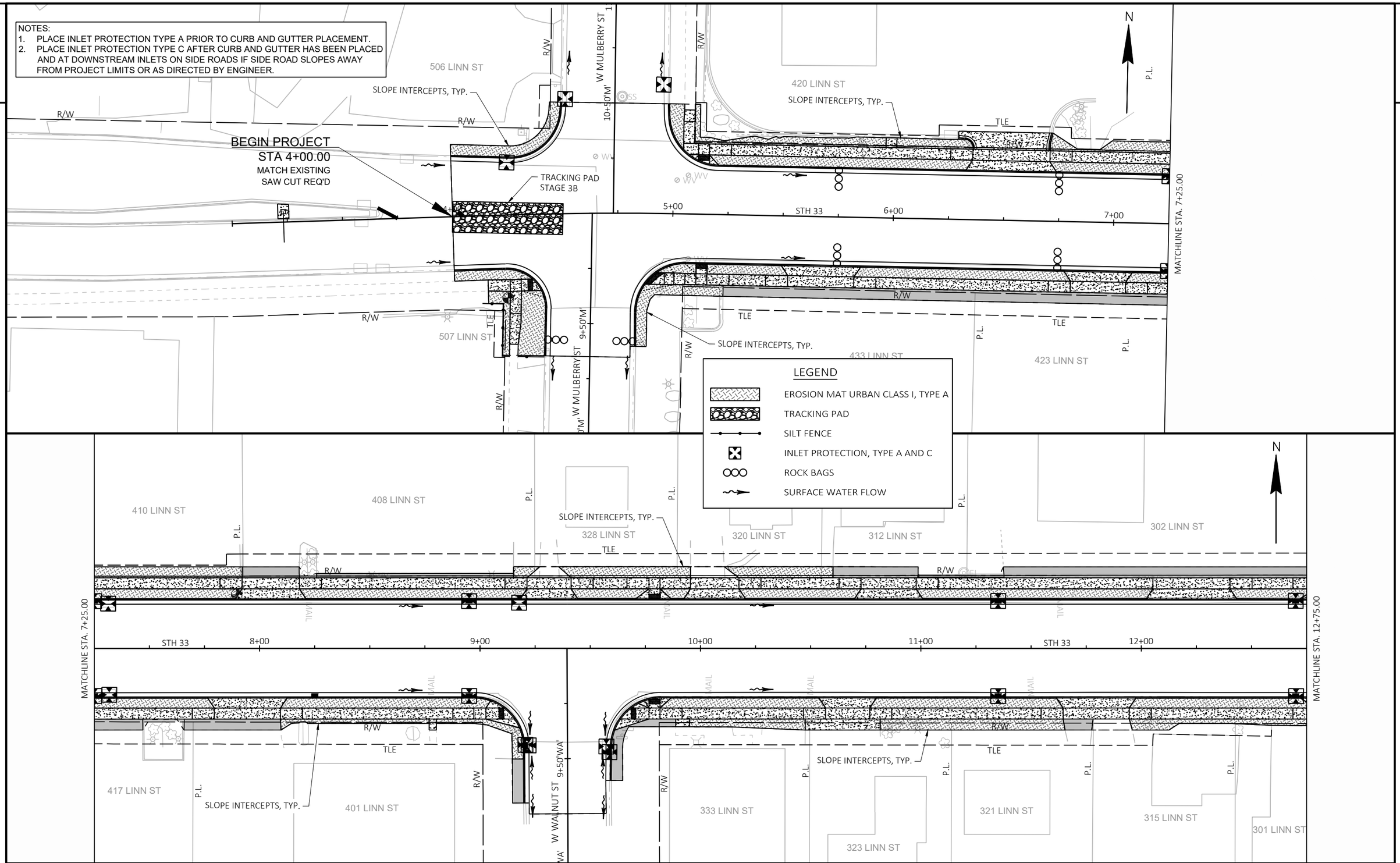
NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS ARE PROVIDED EVERY 50 FEET (TYP).

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTION MATCHLINE DETAIL	SHEET 119	E

NOTES:
1. PLACE INLET PROTECTION TYPE A PRIOR TO CURB AND GUTTER PLACEMENT.
2. PLACE INLET PROTECTION TYPE C AFTER CURB AND GUTTER HAS BEEN PLACED AND AT DOWNSTREAM INLETS ON SIDE ROADS IF SIDE ROAD SLOPES AWAY FROM PROJECT LIMITS OR AS DIRECTED BY ENGINEER.



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 120	E

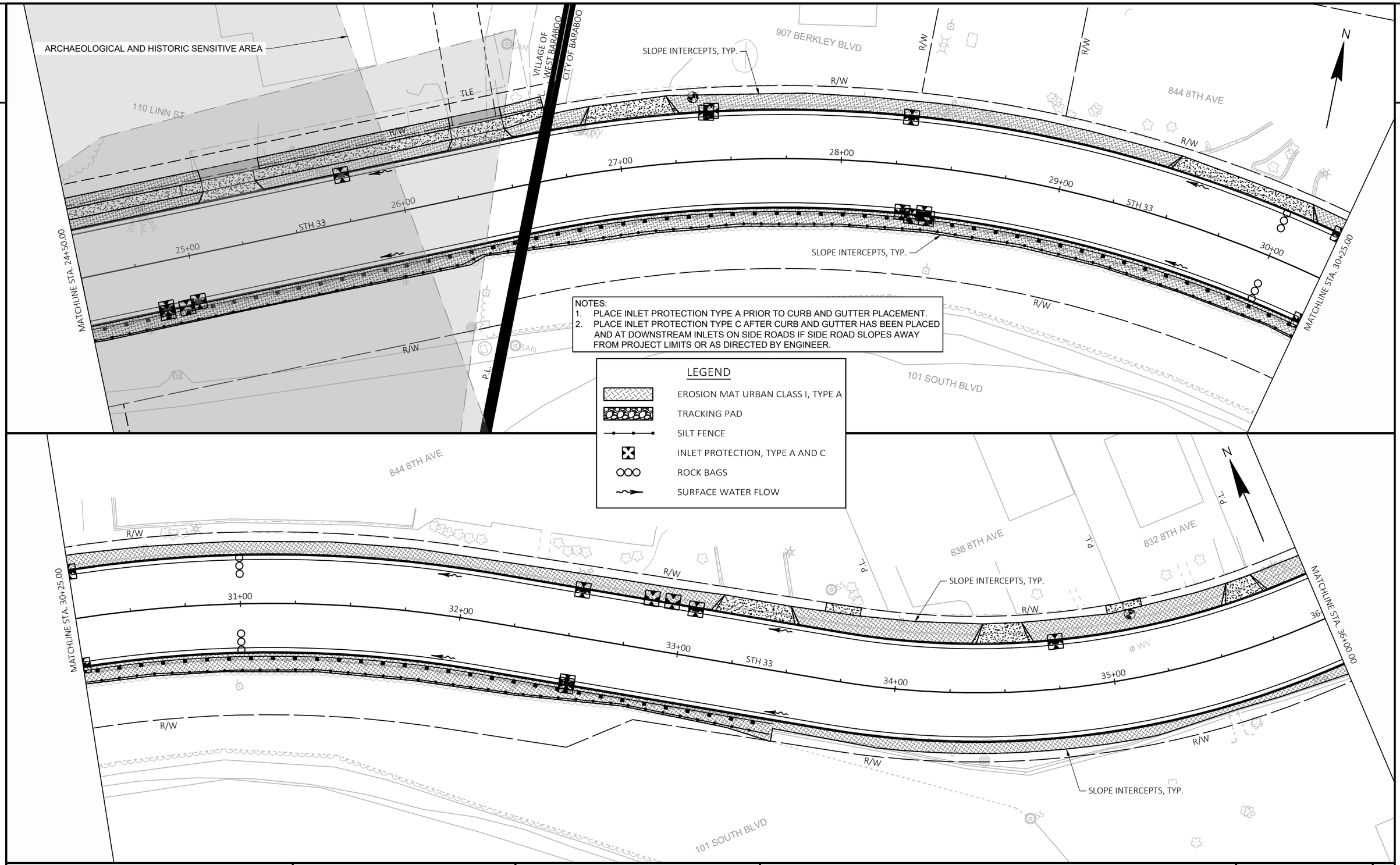
NOTES:
1. PLACE INLET PROTECTION TYPE A PRIOR TO CURB AND GUTTER PLACEMENT.
2. PLACE INLET PROTECTION TYPE C AFTER CURB AND GUTTER HAS BEEN PLACED AND AT DOWNSTREAM INLETS ON SIDE ROADS IF SIDE ROAD SLOPES AWAY FROM PROJECT LIMITS OR AS DIRECTED BY ENGINEER.

STA. 19+50 - STA. 26+50 LT/RT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.

LEGEND
- EROSION MAT URBAN CLASS I, TYPE A
- TRACKING PAD
- SILT FENCE
- INLET PROTECTION, TYPE A AND C
- ROCK BAGS
- SURFACE WATER FLOW

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 121	E

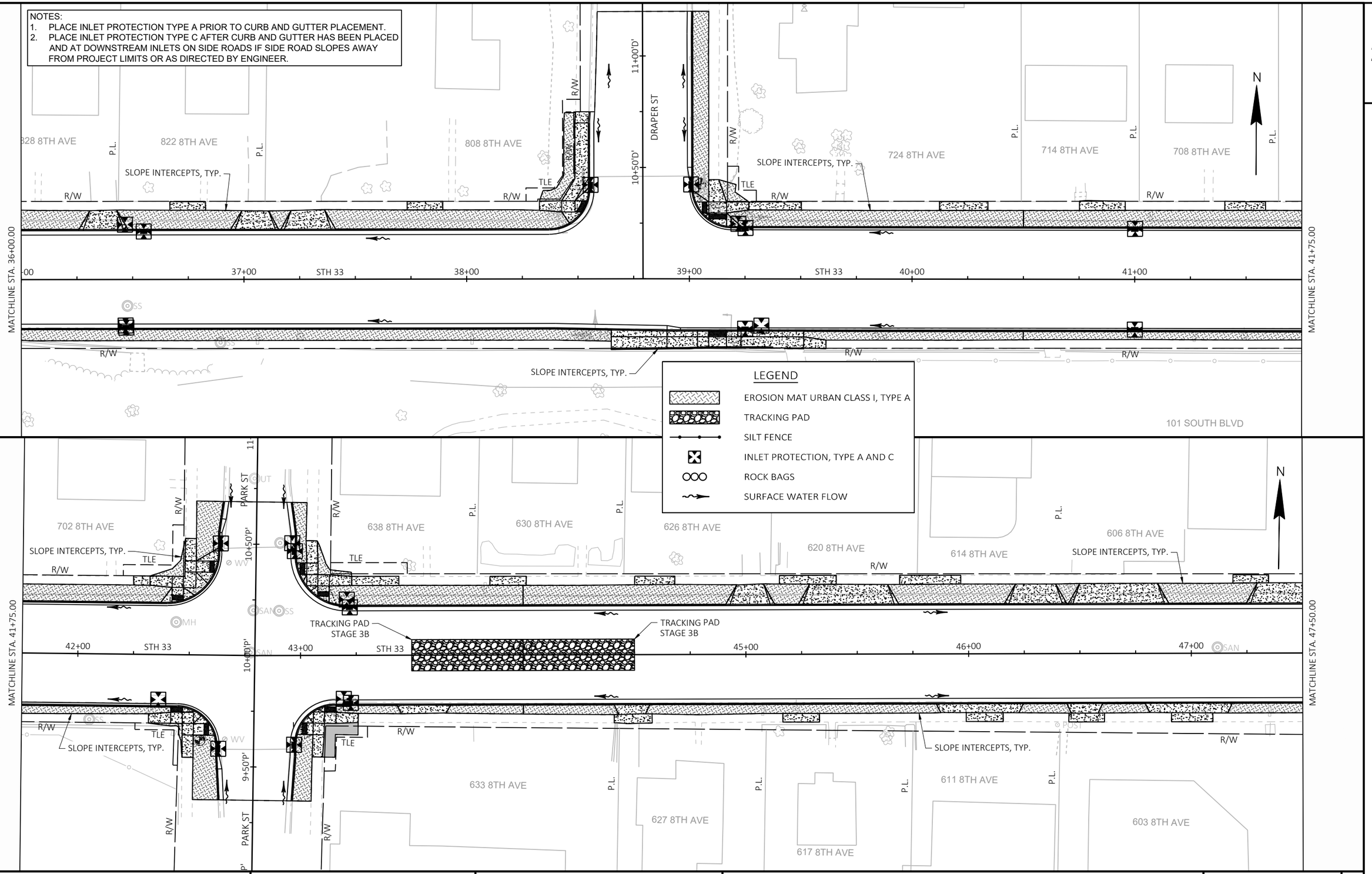
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022001-EC TO 022012-EC.DWG
LAYOUT NAME - 02
PLOT DATE : 5/16/2023 4:17 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 122	E

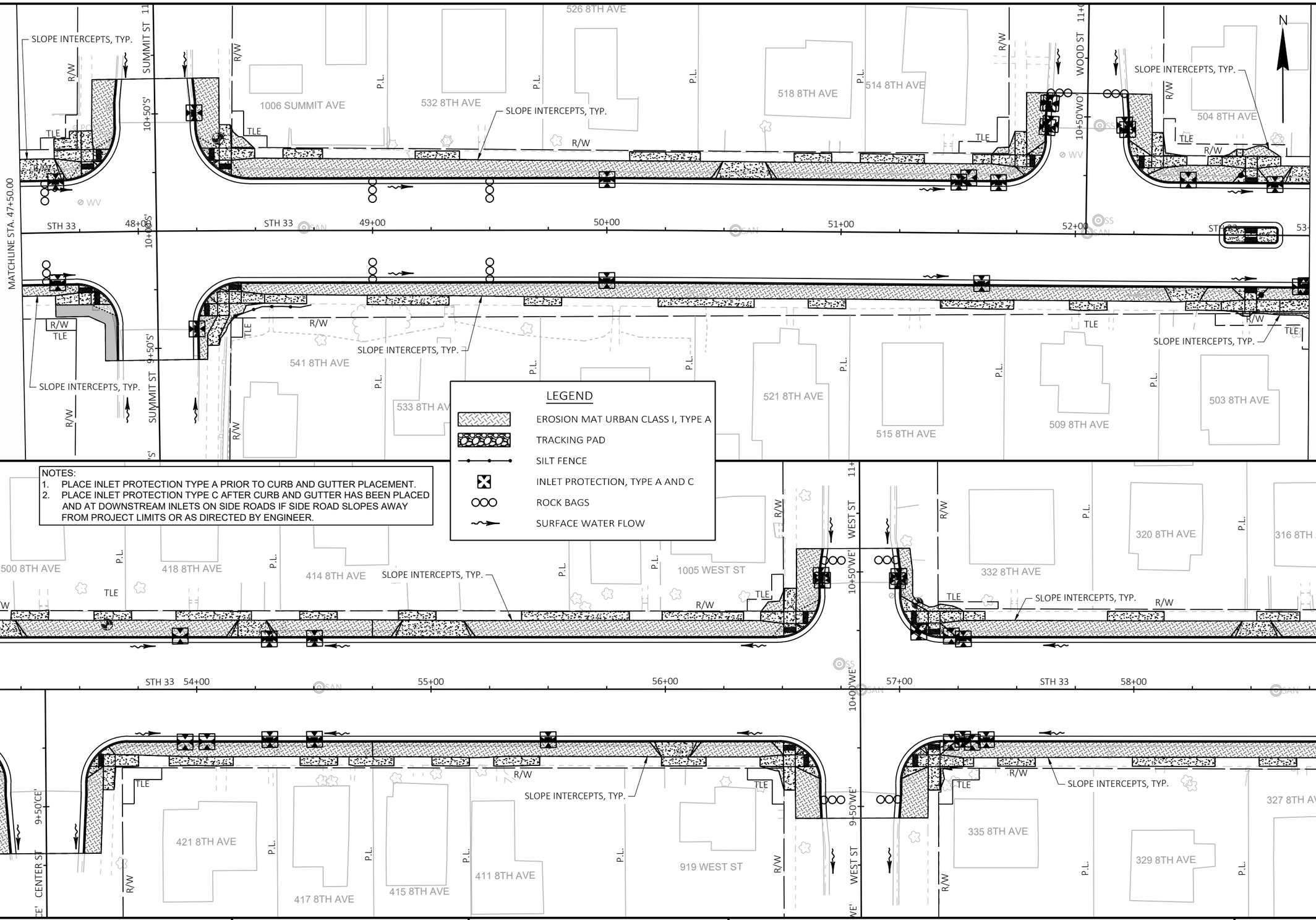
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022001-EC TO 022012-EC.DWG
LAYOUT NAME - 03
PLOT DATE : 5/16/2023 4:18 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

NOTES:
1. PLACE INLET PROTECTION TYPE A PRIOR TO CURB AND GUTTER PLACEMENT.
2. PLACE INLET PROTECTION TYPE C AFTER CURB AND GUTTER HAS BEEN PLACED AND AT DOWNSTREAM INLETS ON SIDE ROADS IF SIDE ROAD SLOPES AWAY FROM PROJECT LIMITS OR AS DIRECTED BY ENGINEER.



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 123	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022001-EC TO 022012-EC.DWG
LAYOUT NAME - 04
PLOT DATE : 5/16/2023 4:19 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 124	E

NOTES:
1. PLACE INLET PROTECTION TYPE A PRIOR TO CURB AND GUTTER PLACEMENT.
2. PLACE INLET PROTECTION TYPE C AFTER CURB AND GUTTER HAS BEEN PLACED AND AT DOWNSTREAM INLETS ON SIDE ROADS IF SIDE ROAD SLOPES AWAY FROM PROJECT LIMITS OR AS DIRECTED BY ENGINEER.

MATCHLINE STA. 59+00.00

MATCHLINE STA. 64+75.00

MATCHLINE STA. 64+75.00

MATCHLINE STA. 70+25.00

312 8TH AVE
1005 BIRCH ST
SLOPE INTERCEPTS, TYP.
R/W
P.L.
BIRCH ST
10+50'B'
10+00'B'
9+50'B'
9+00'B'
60+00
STH 33
61+00
62+00
63+00
64+00
234 8TH AVE
PLE
218 8TH AVE
214 8TH AVE
210 8TH AVE
TLE
319 8TH AVE
315 8TH AVE
311 8TH AVE
305 8TH AVE
221 8TH AVE
215 8TH AVE
201 8TH AVE
202 8TH AVE
138 8TH AVE
130 8TH AVE
112 8TH AVE
108 8TH AVE
65+00
66+00
67+00
68+00
70+00
TRACKING PAD STAGE 3B
TRACKING PAD STAGE 2A
BROADWAY (STH 113)
9+00'B'
201 8TH AVE
129 8TH AVE
123 8TH AVE
117 8TH AVE
919 OAK ST
SAN
WTV
GUY
EL
SS
WV

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- TRACKING PAD
- SILT FENCE
- INLET PROTECTION, TYPE A AND C
- ROCK BAGS
- SURFACE WATER FLOW

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 125	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022001-EC TO 022012-EC.DWG
LAYOUT NAME - 06

PLOT DATE : 5/16/2023 4:20 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

NOTES:
1. PLACE INLET PROTECTION TYPE A PRIOR TO CURB AND GUTTER PLACEMENT.
2. PLACE INLET PROTECTION TYPE C AFTER CURB AND GUTTER HAS BEEN PLACED AND AT DOWNSTREAM INLETS ON SIDE ROADS IF SIDE ROAD SLOPES AWAY FROM PROJECT LIMITS OR AS DIRECTED BY ENGINEER.

ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA

2

OAK ST

ASH ST

1005 OAK ST

103 8TH ST

109 8TH ST

115 8TH ST

121 8TH ST

129 8TH ST

133 8TH ST

915 ASH ST

114 8TH ST

120 8TH ST

918 OAK ST

SLOPE INTERCEPTS, TYP.

TLE

R/W

P.L.

WV

SAN

SS

UT

STH 33

MATCHLINE STA. 70+25.00

MATCHLINE STA. 76+25.00

10+50'O'

10+00'O'

9+50'O'

10+50'A'

10+00'A'

9+50'A'

71+00

72+00

73+00

74+00

75+00

76+00

STA. 75+50 - STA. 77+80 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- TRACKING PAD
- SILT FENCE
- INLET PROTECTION, TYPE A AND C
- ROCK BAGS
- SURFACE WATER FLOW

N

EAST ST

201 8TH ST

217 8TH ST

221 8TH ST

231 8TH ST

301 8TH ST

313 8TH ST

918 ASH ST

216 8TH ST

220 8TH ST

302 8TH ST

10+50'E'

10+00'E'

9+50'E'

77+00

78+00

79+00

80+00

81+00

82-

MATCHLINE STA. 76+25.00

MATCHLINE STA. 82+00.00

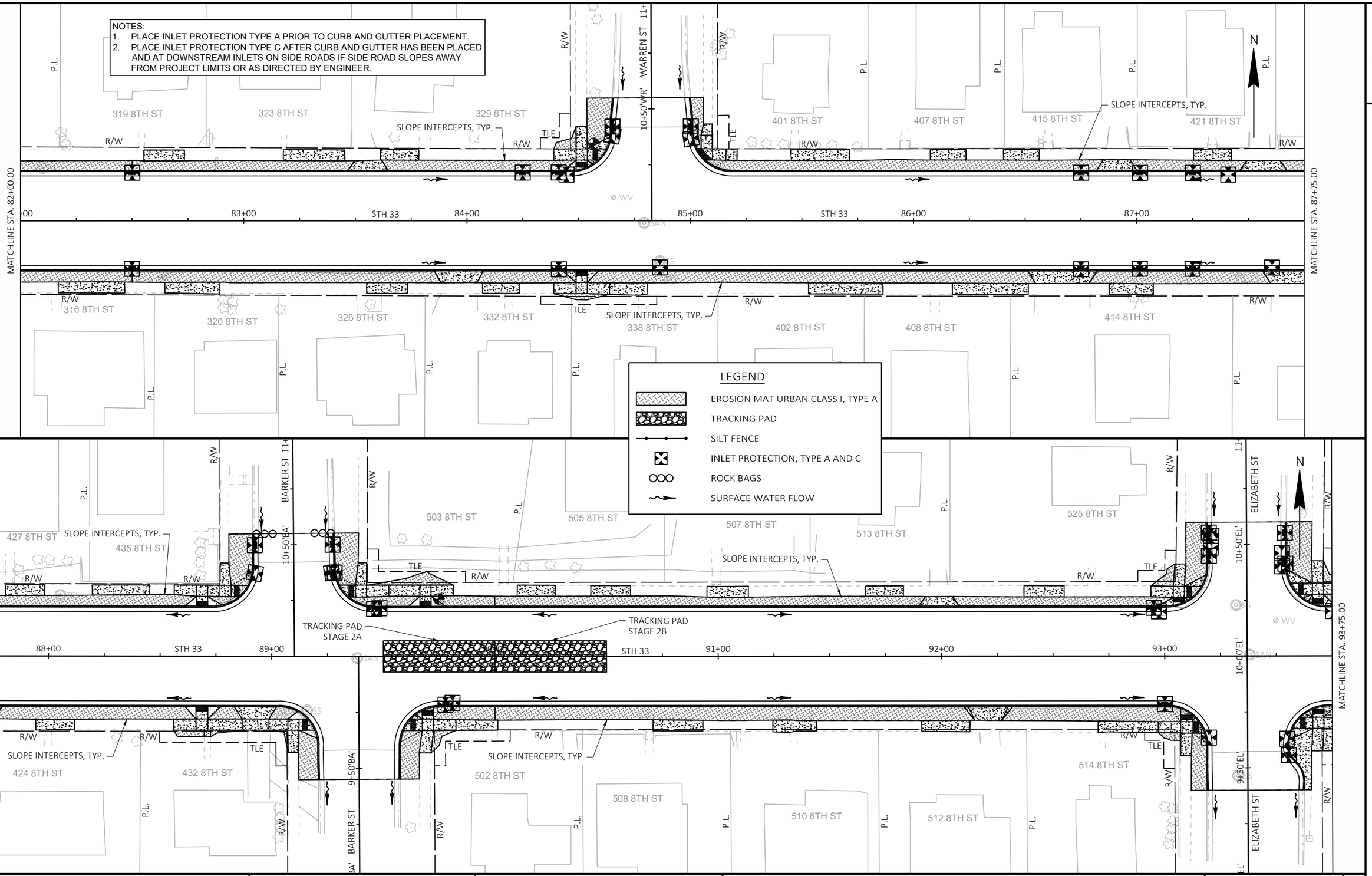
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 126	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022001-EC TO 022012-EC.DWG
LAYOUT NAME - 07

PLOT DATE : 5/16/2023 4:21 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

NOTES:
1. PLACE INLET PROTECTION TYPE A PRIOR TO CURB AND GUTTER PLACEMENT.
2. PLACE INLET PROTECTION TYPE C AFTER CURB AND GUTTER HAS BEEN PLACED AND AT DOWNSTREAM INLETS ON SIDE ROADS IF SIDE ROAD SLOPES AWAY FROM PROJECT LIMITS OR AS DIRECTED BY ENGINEER.



LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- TRACKING PAD
- SILT FENCE
- INLET PROTECTION, TYPE A AND C
- ROCK BAGS
- SURFACE WATER FLOW

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 127	E

NOTES:
1. PLACE INLET PROTECTION TYPE A PRIOR TO CURB AND GUTTER PLACEMENT.
2. PLACE INLET PROTECTION TYPE C AFTER CURB AND GUTTER HAS BEEN PLACED AND AT DOWNSTREAM INLETS ON SIDE ROADS IF SIDE ROAD SLOPES AWAY FROM PROJECT LIMITS OR AS DIRECTED BY ENGINEER.

2

2

N

605 8TH ST
609 8TH ST
613 8TH ST
615 8TH ST
617 8TH ST
703 8TH ST
P.L.
TLE
R/W
SLOPE INTERCEPTS, TYP.
MATCHLINE STA. 93+75.00
MATCHLINE STA. 99+25.00
94+00
STH 33
95+00
96+00
97+00
98+00
99+00
604 8TH ST
618 8TH ST
704 8TH ST
708 8TH ST
9+50'CA
CAMP ST
A'
POST
WV
SAN
SS

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- TRACKING PAD
- SILT FENCE
- INLET PROTECTION, TYPE A AND C
- ROCK BAGS
- SURFACE WATER FLOW

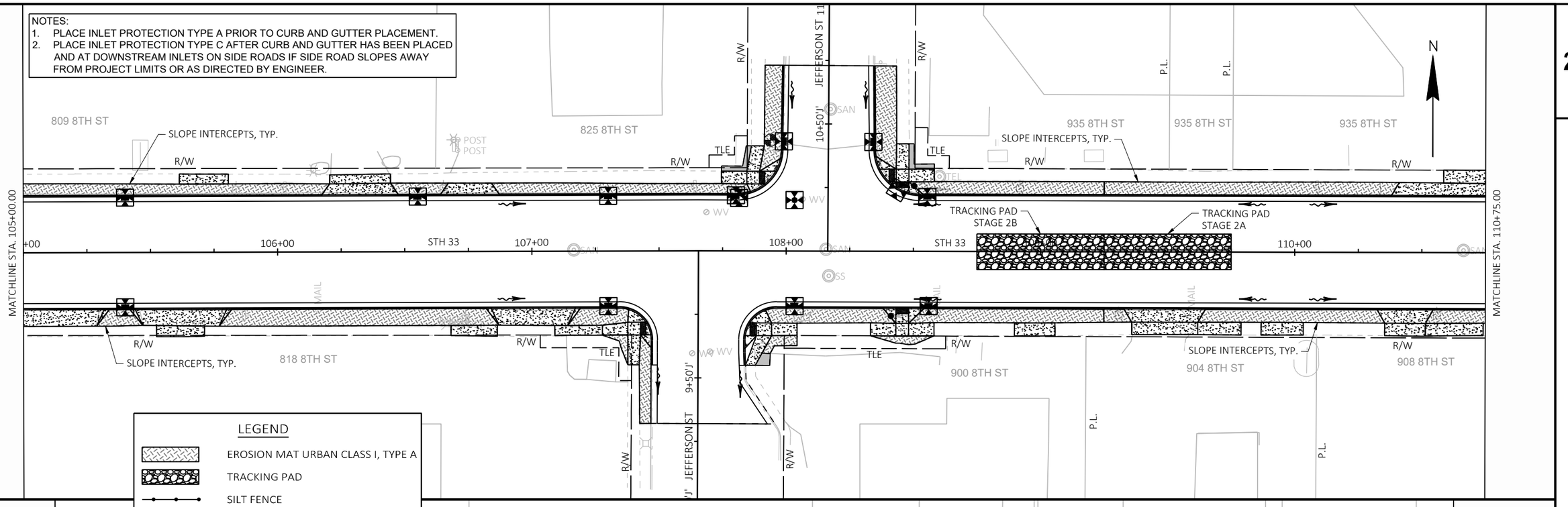
N

SLOPE INTERCEPT, TYP
11+
TUTTLE ST
717 8TH ST
727 8TH ST
MATCHLINE STA. 99+25.00
MATCHLINE STA. 105+00.00
100+00
101+00
102+00
103+00
104+00
105
714 8TH ST
722 8TH ST
740 8TH ST
742 8TH ST
815 6TH ST
9+50'WH'
WHEELER ST
TEL

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 128	E

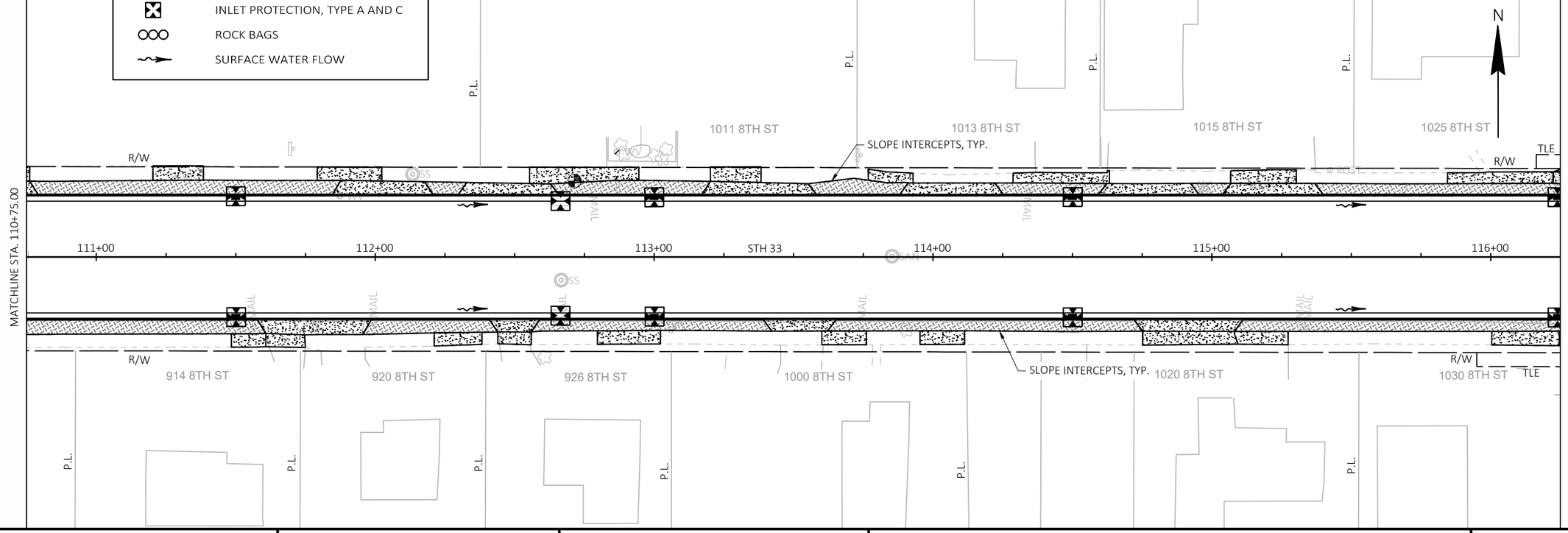
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022001-EC TO 022012-EC.DWG
LAYOUT NAME - 09
PLOT DATE : 5/16/2023 4:22 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

NOTES:
1. PLACE INLET PROTECTION TYPE A PRIOR TO CURB AND GUTTER PLACEMENT.
2. PLACE INLET PROTECTION TYPE C AFTER CURB AND GUTTER HAS BEEN PLACED AND AT DOWNSTREAM INLETS ON SIDE ROADS IF SIDE ROAD SLOPES AWAY FROM PROJECT LIMITS OR AS DIRECTED BY ENGINEER.



LEGEND

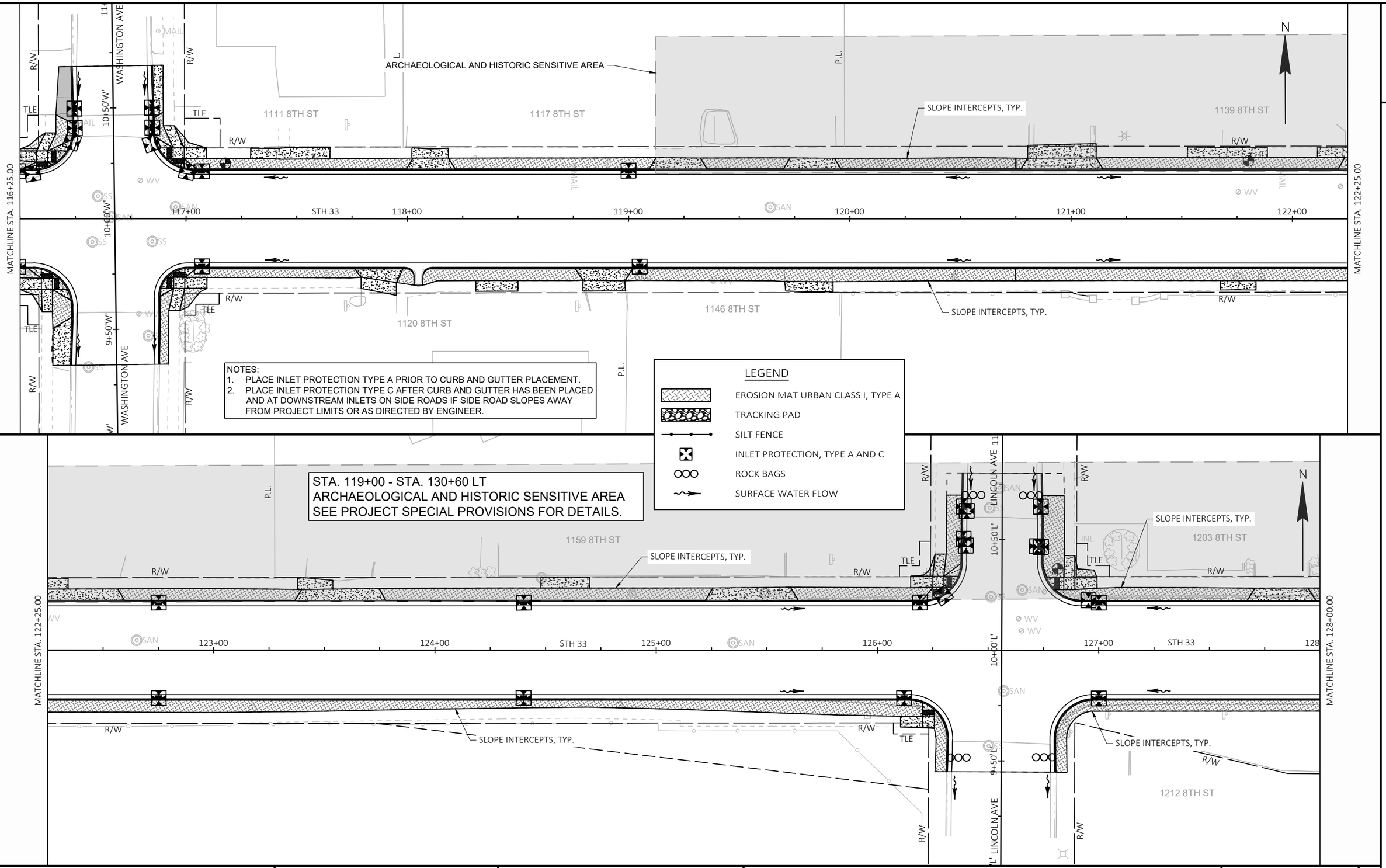
- EROSION MAT URBAN CLASS I, TYPE A
- TRACKING PAD
- SILT FENCE
- INLET PROTECTION, TYPE A AND C
- ROCK BAGS
- SURFACE WATER FLOW



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 129	E

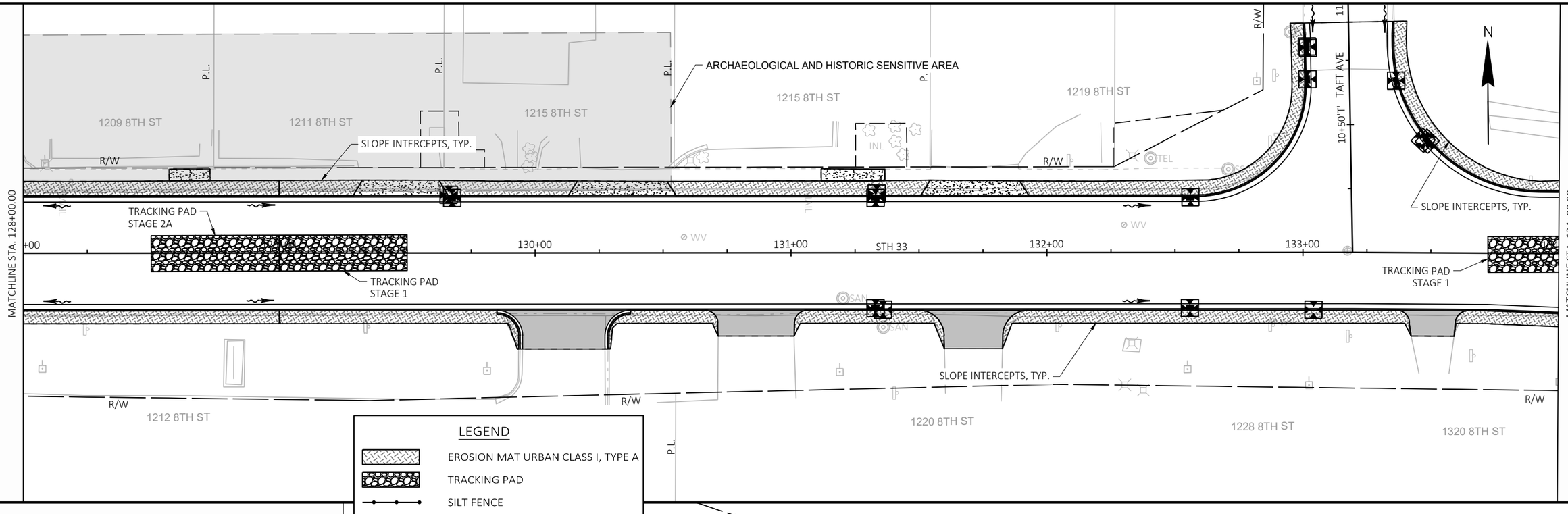
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022001-EC TO 022012-EC.DWG
LAYOUT NAME - 10
PLOT DATE : 5/16/2023 4:23 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 130	E

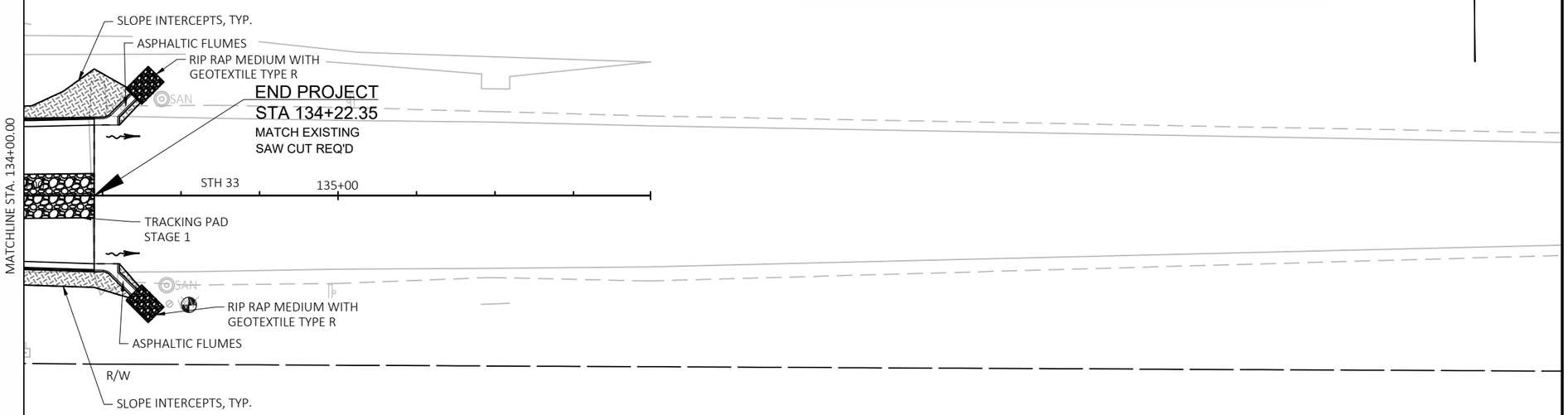
2



LEGEND

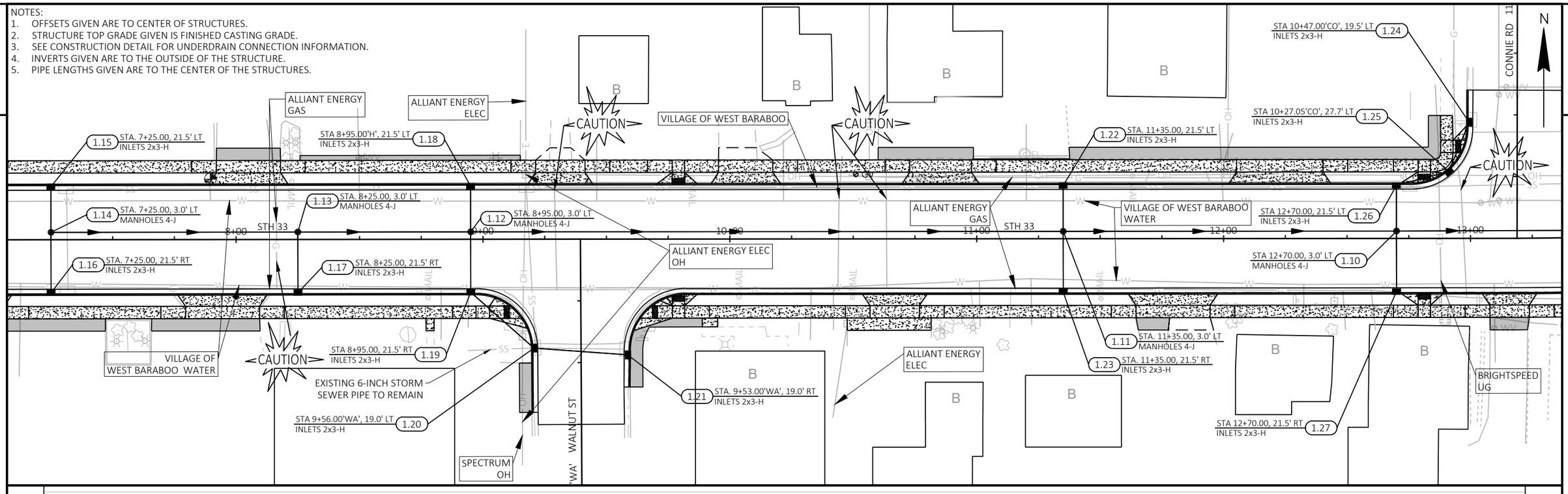
- EROSION MAT URBAN CLASS I, TYPE A
- TRACKING PAD
- SILT FENCE
- INLET PROTECTION, TYPE A AND C
- ROCK BAGS
- SURFACE WATER FLOW

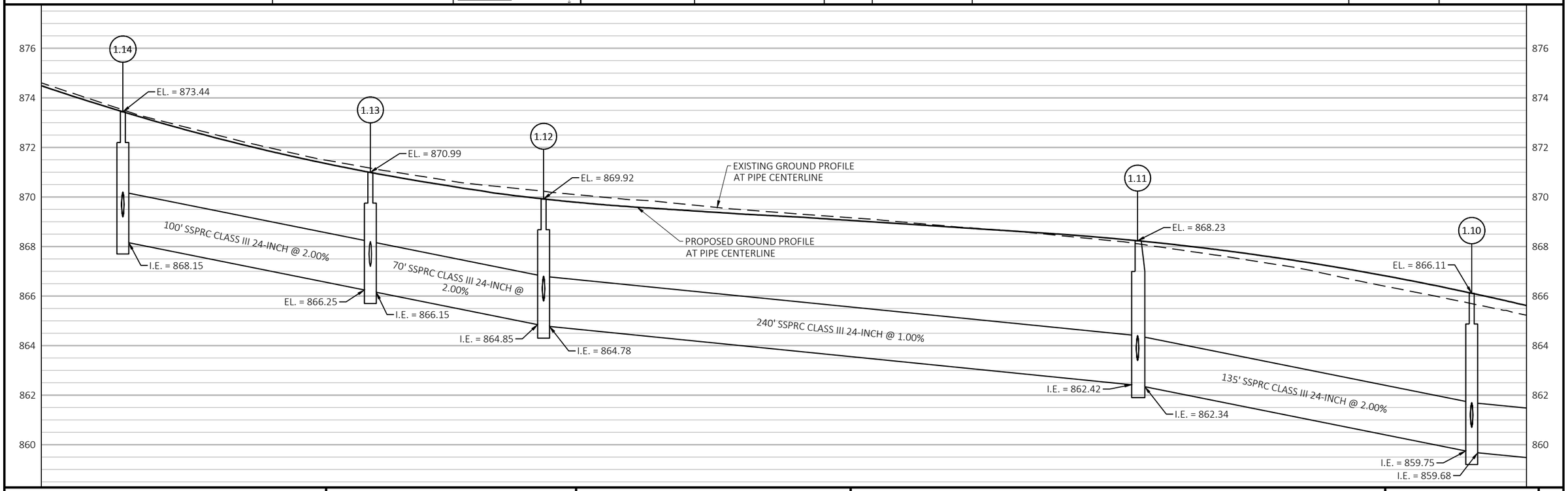
NOTES:
1. PLACE INLET PROTECTION TYPE A PRIOR TO CURB AND GUTTER PLACEMENT.
2. PLACE INLET PROTECTION TYPE C AFTER CURB AND GUTTER HAS BEEN PLACED AND AT DOWNSTREAM INLETS ON SIDE ROADS IF SIDE ROAD SLOPES AWAY FROM PROJECT LIMITS OR AS DIRECTED BY ENGINEER.



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EROSION CONTROL	SHEET 131	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

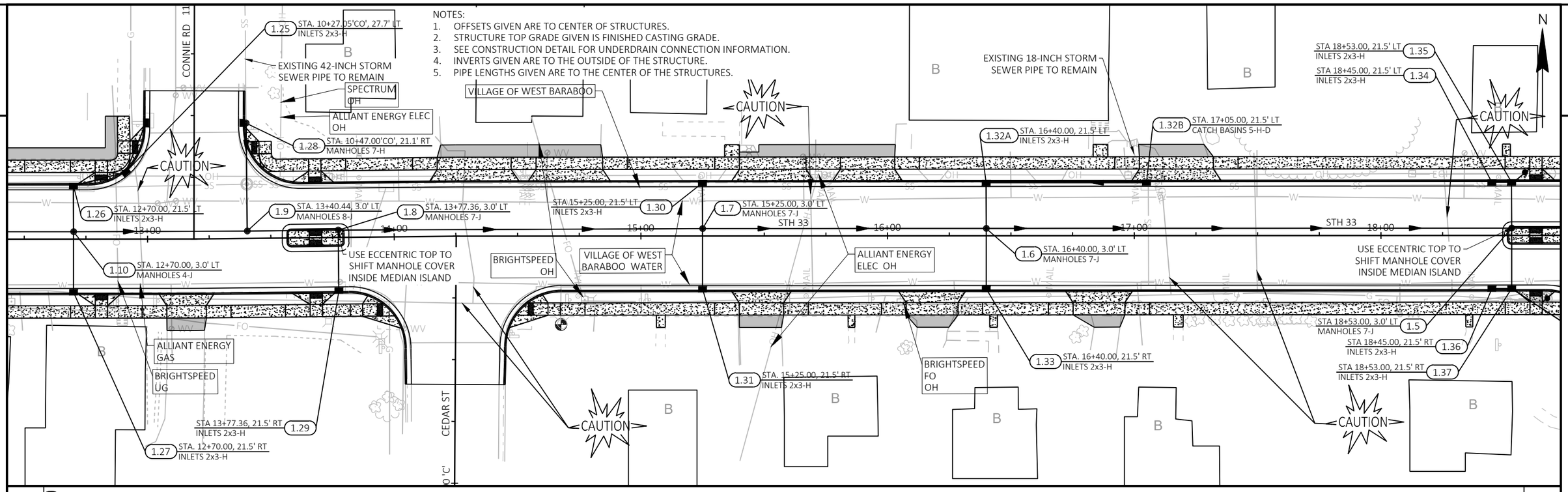


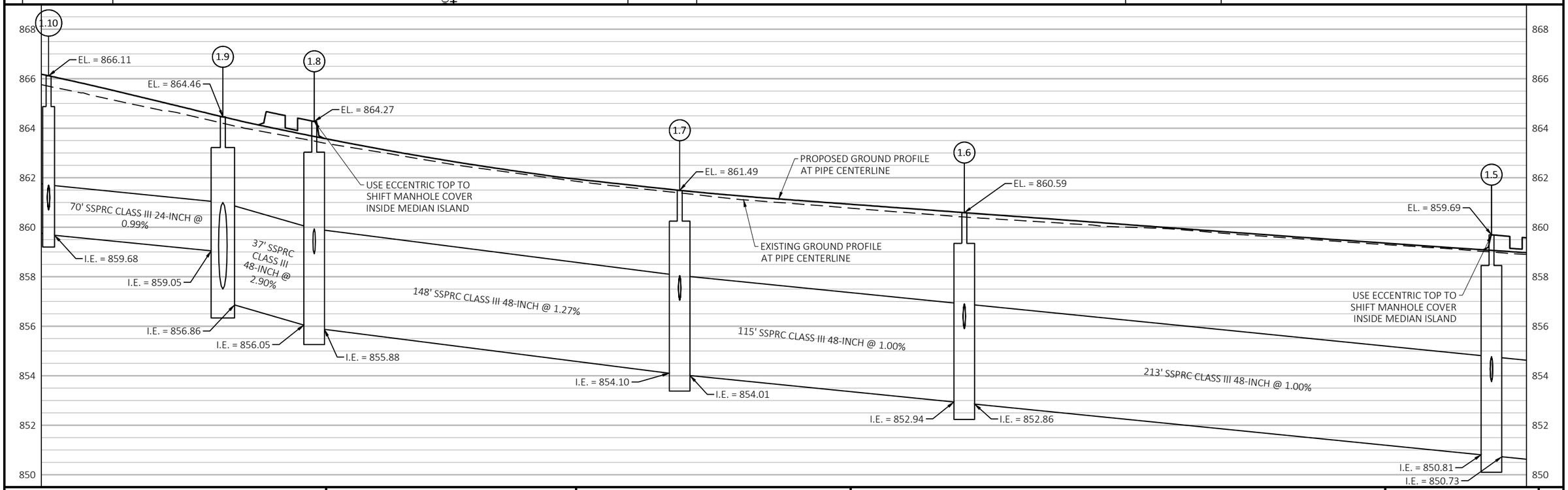


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 132	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022500-SS TO 022517-SS (SS1-SS3).DWG
LAYOUT NAME - 00
PLOT DATE : 4/28/2023 12:13 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

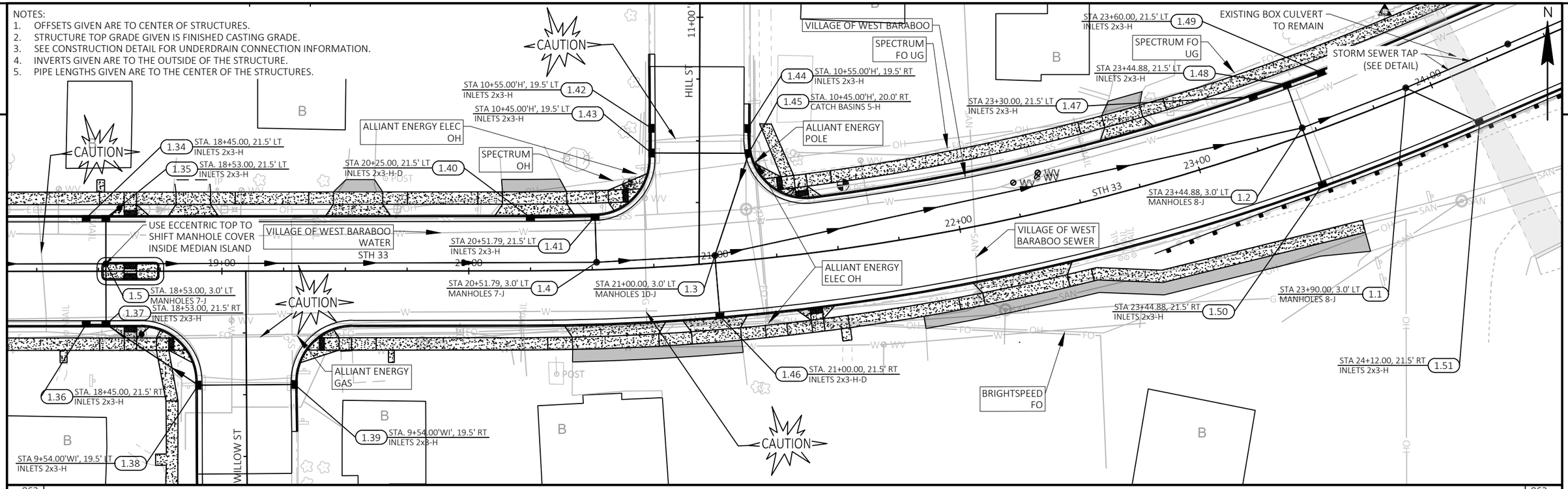
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

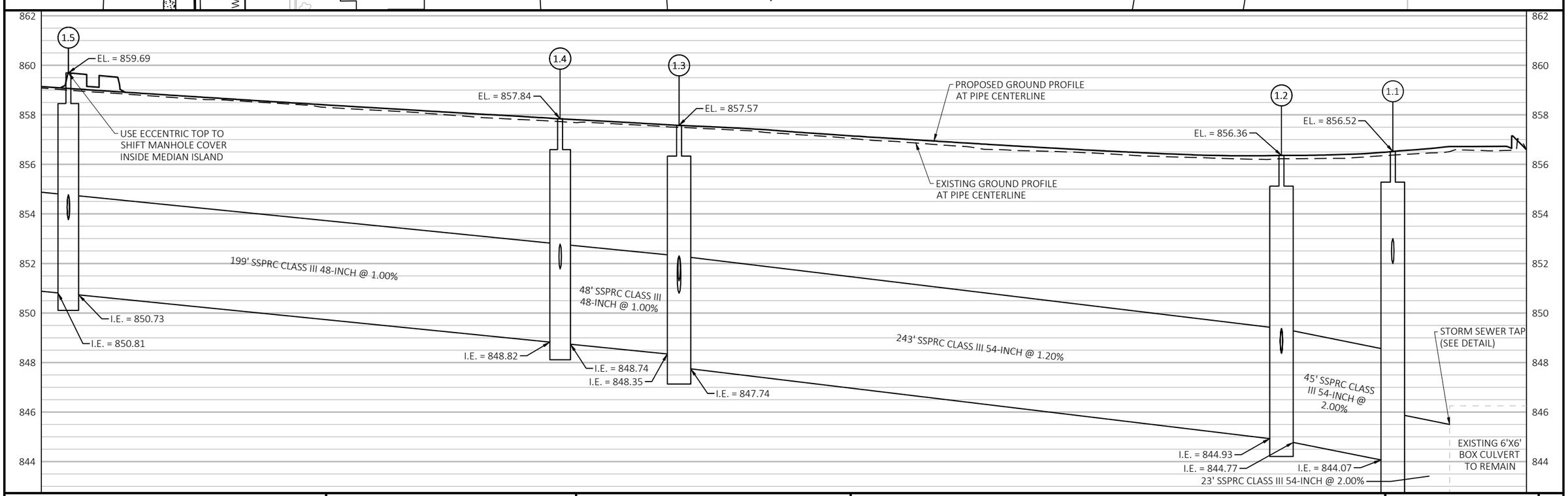




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 133	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

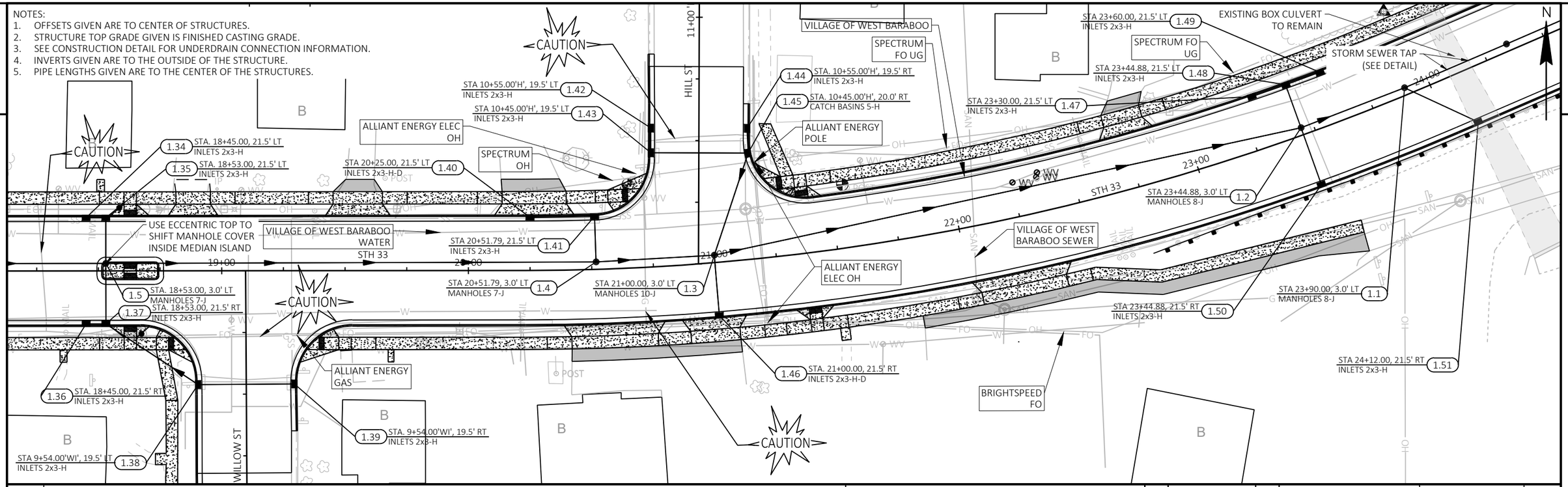


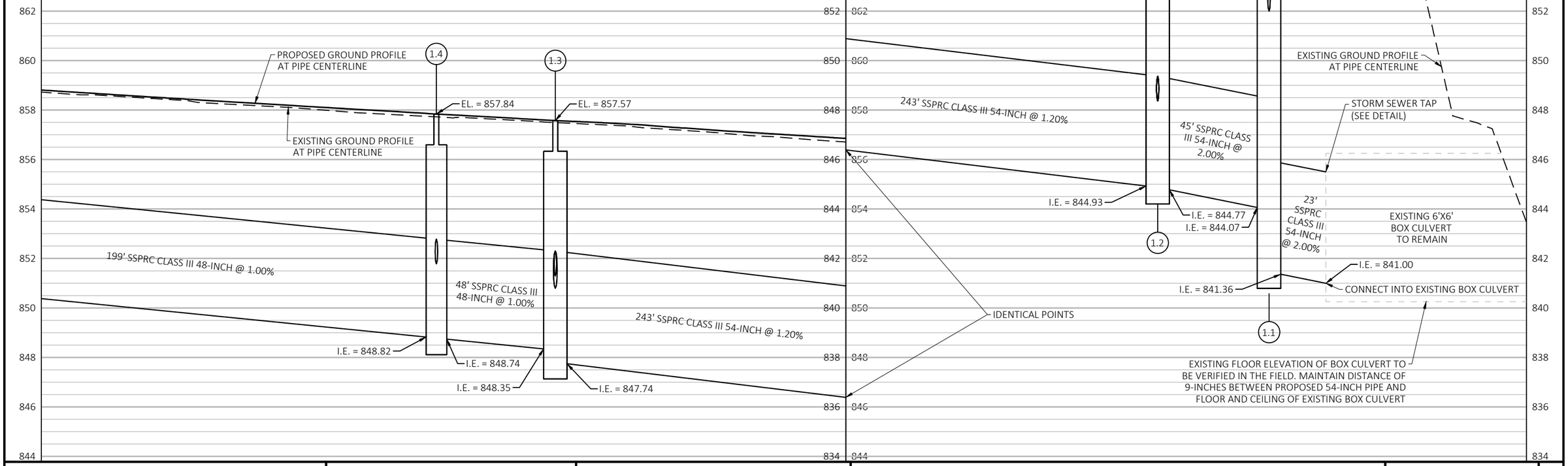


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 134	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022500-SS TO 022517-SS (SS1-SS3).DWG
LAYOUT NAME - 02
PLOT DATE : 4/28/2023 12:14 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

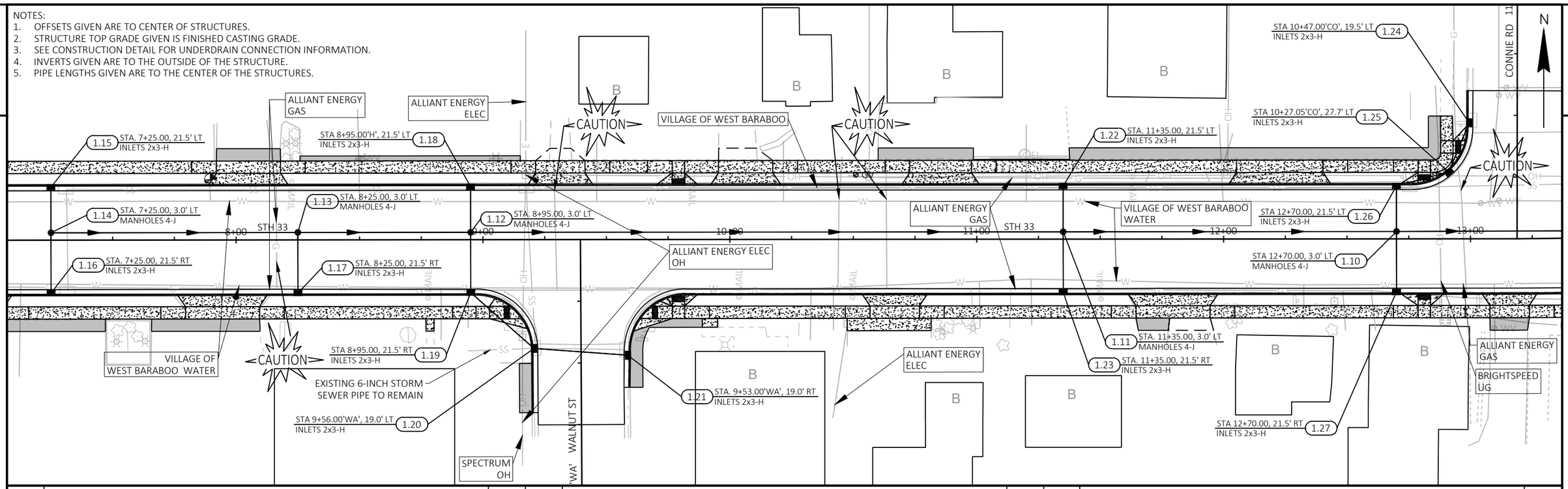
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

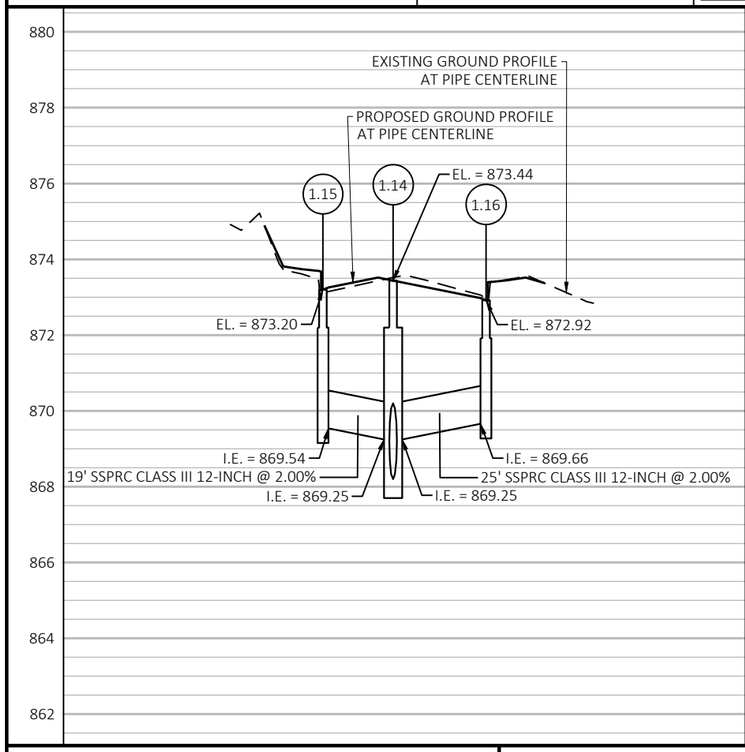


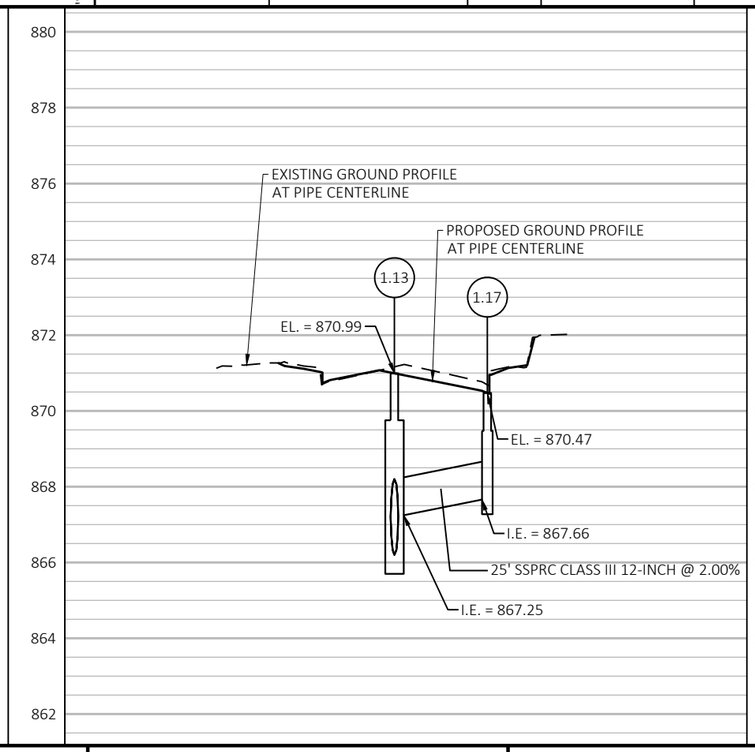


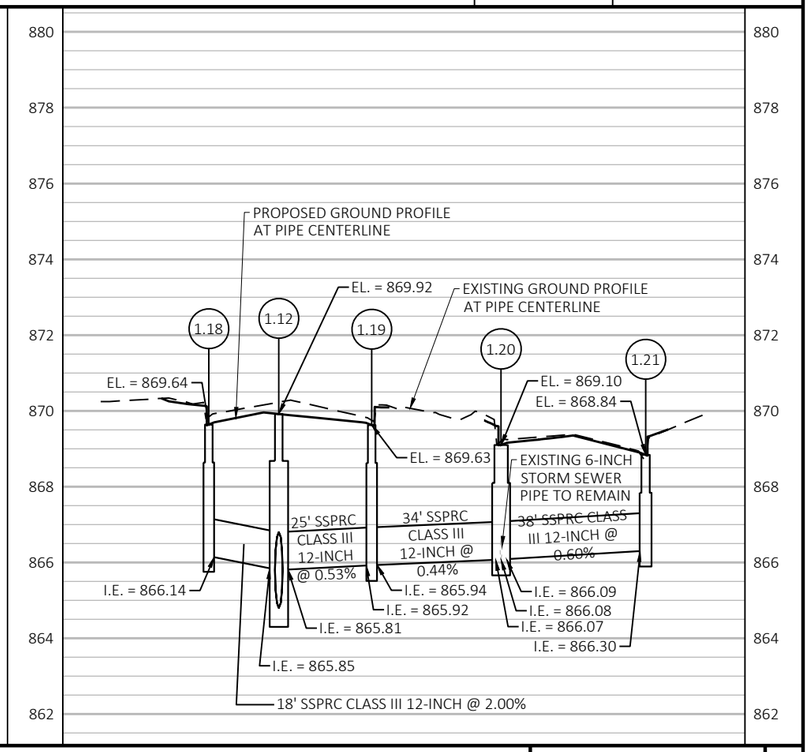
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 135	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



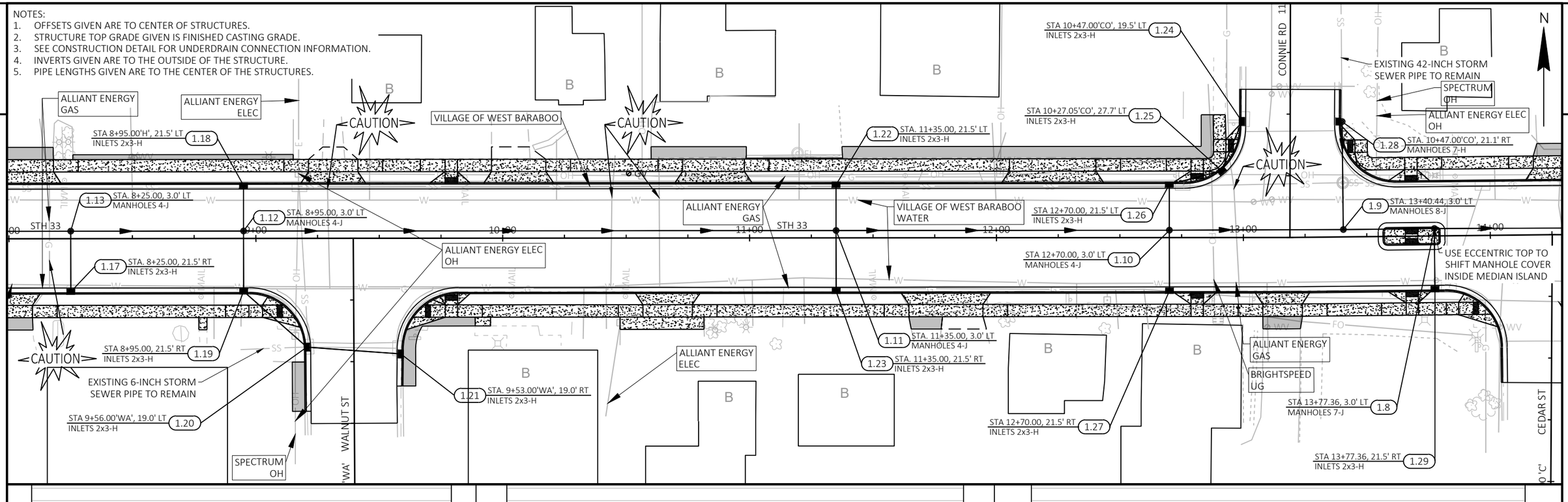


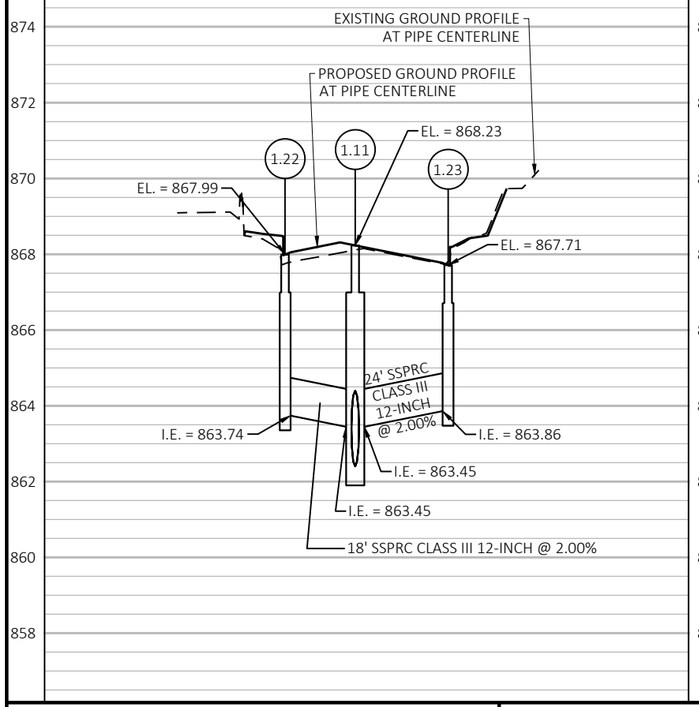


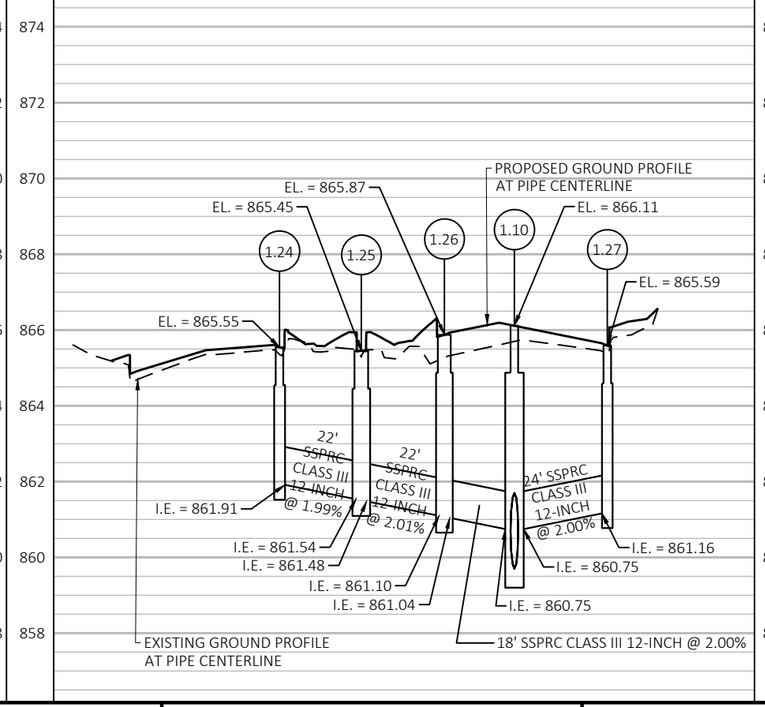


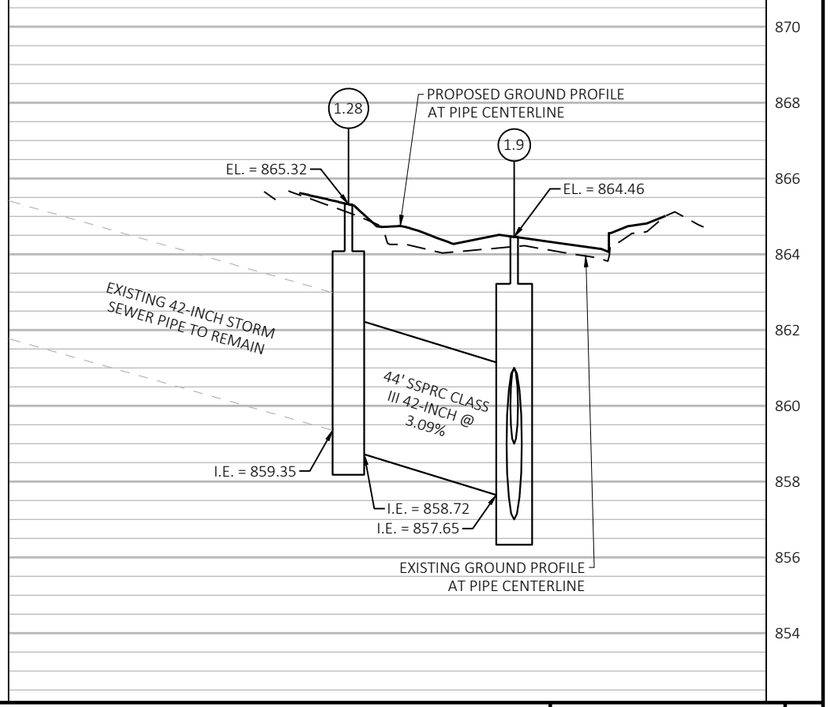
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 136	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



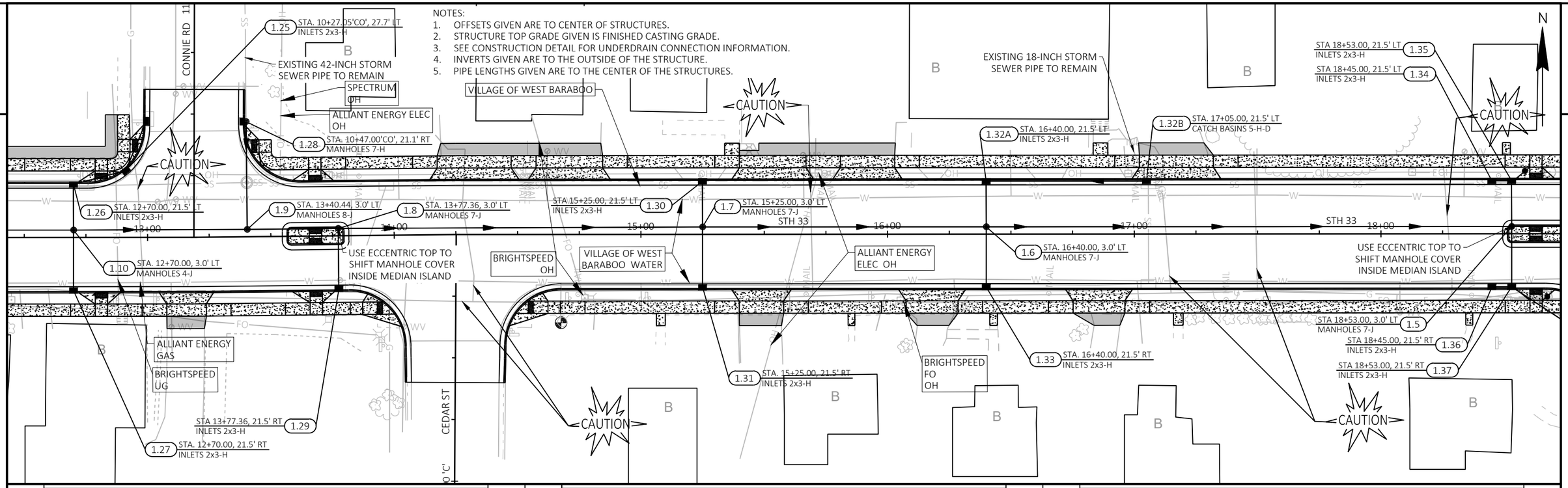


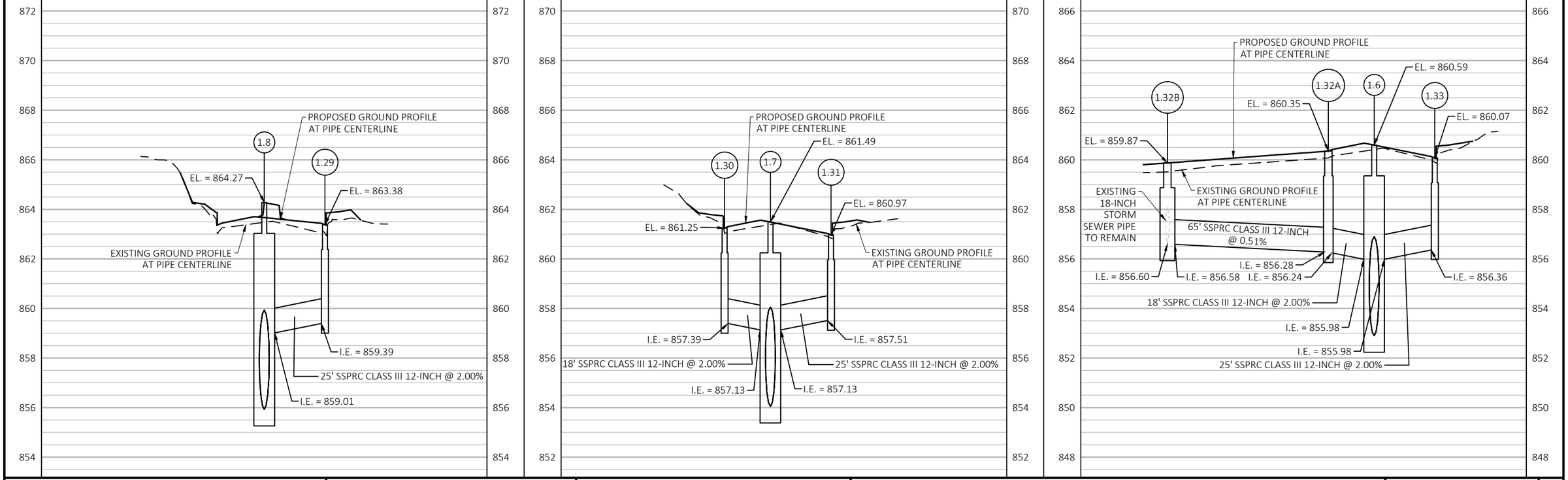




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 137	E

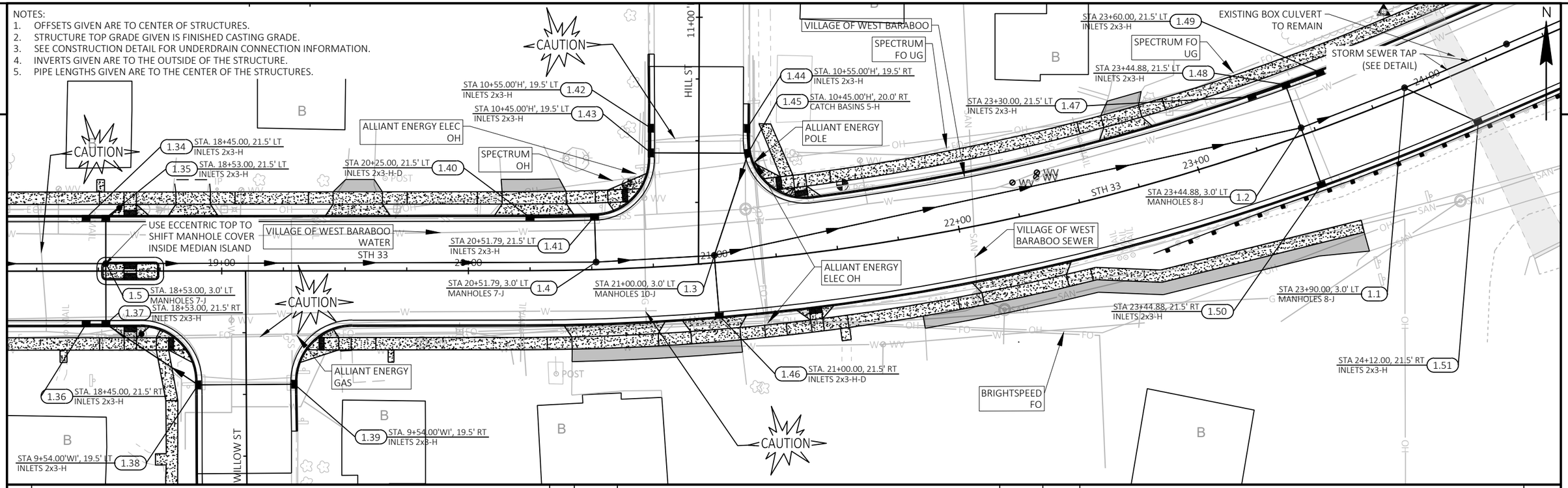
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

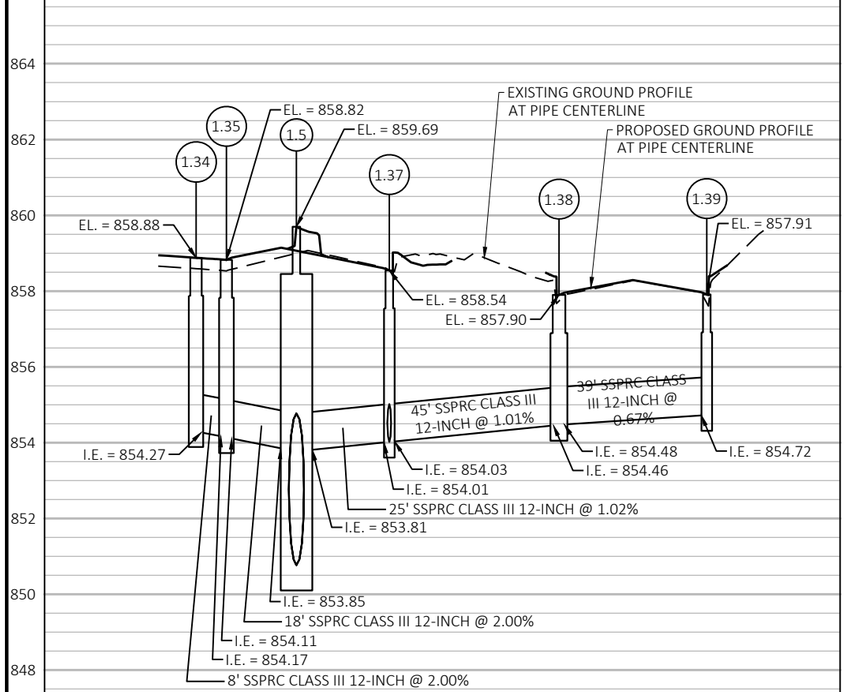


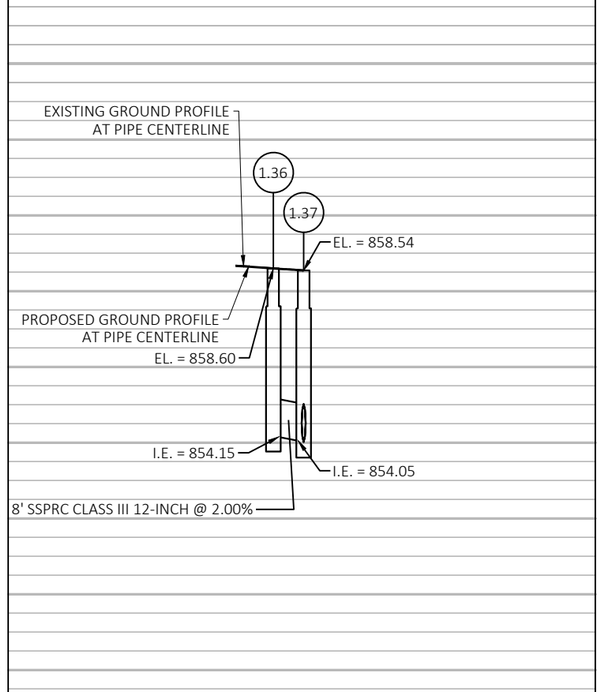


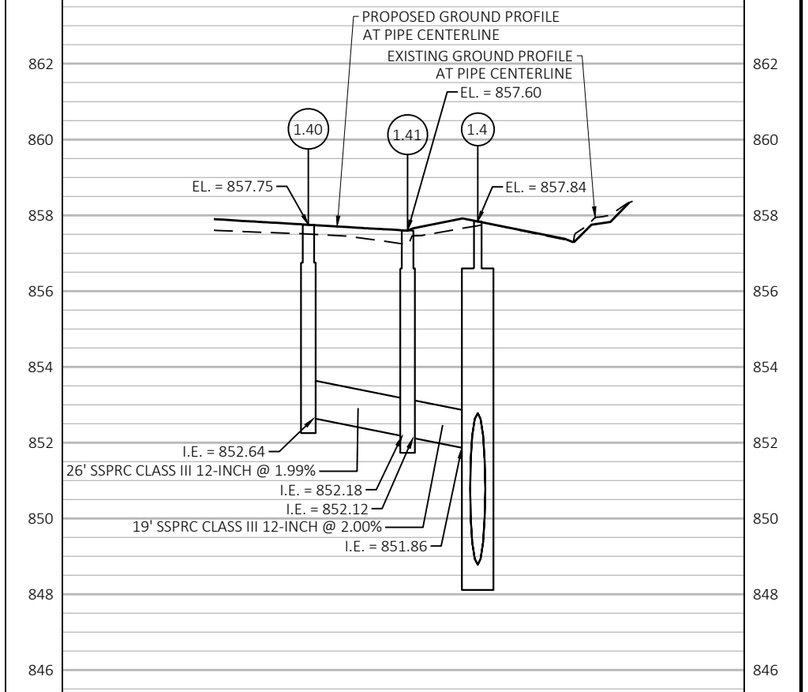
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 138	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



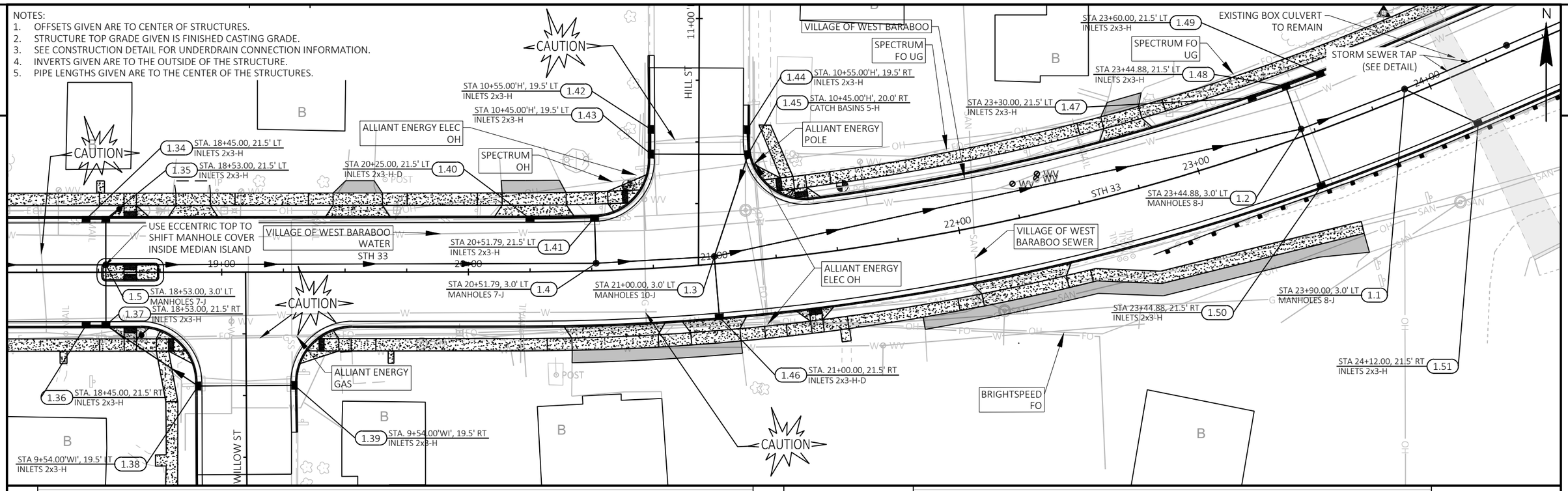


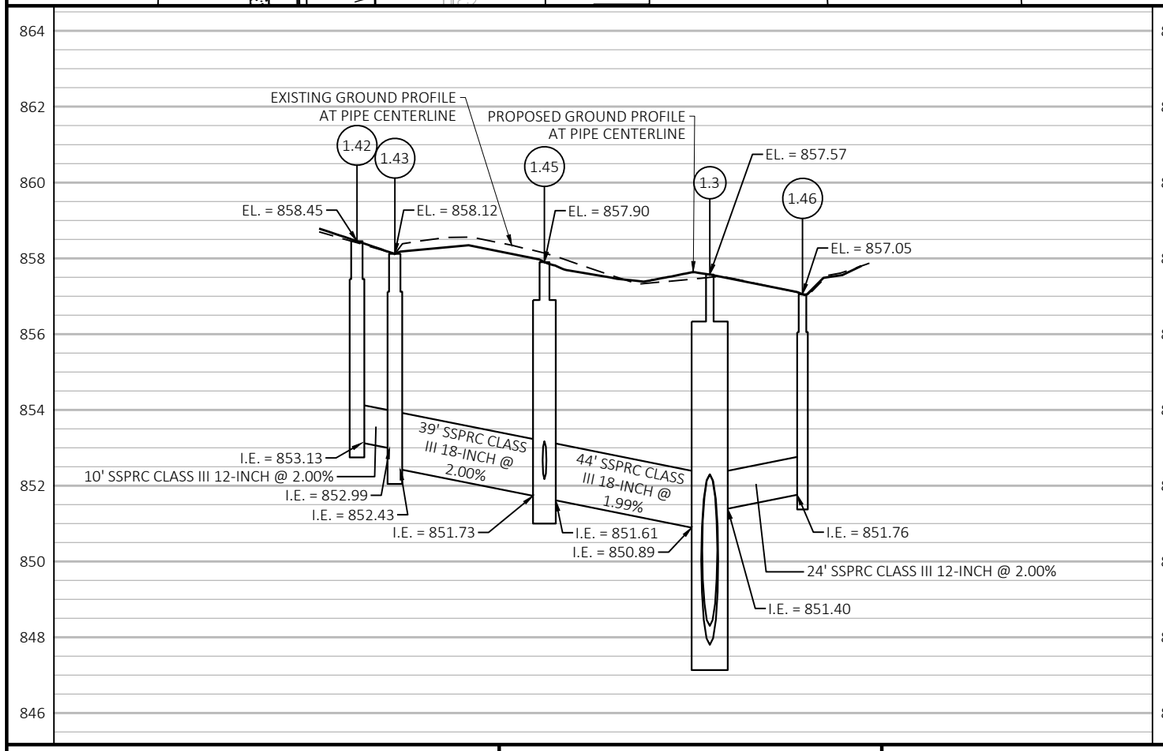


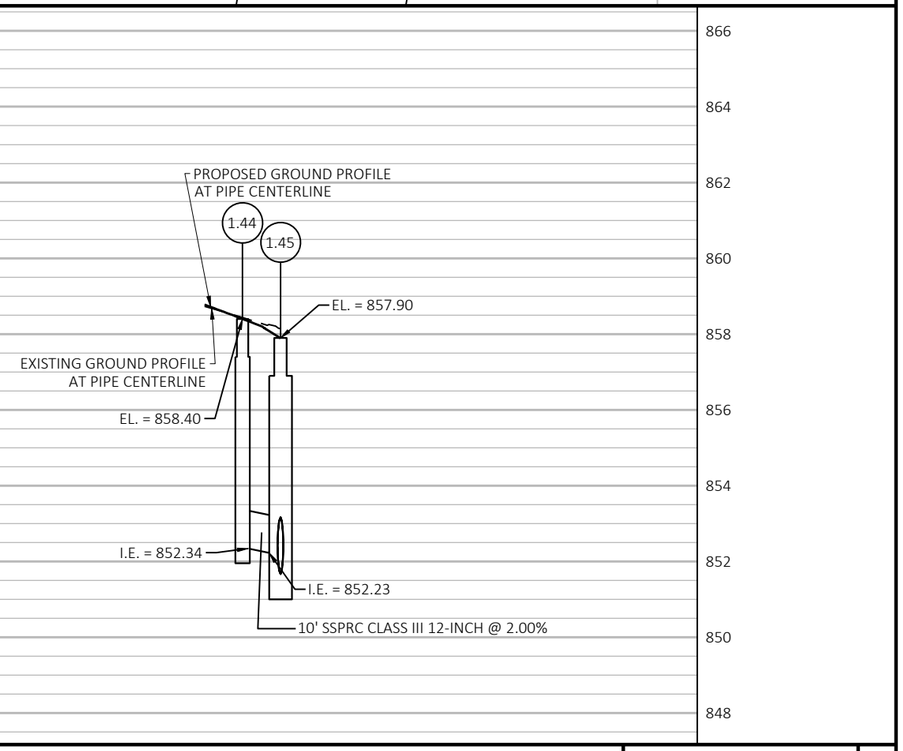


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 139	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

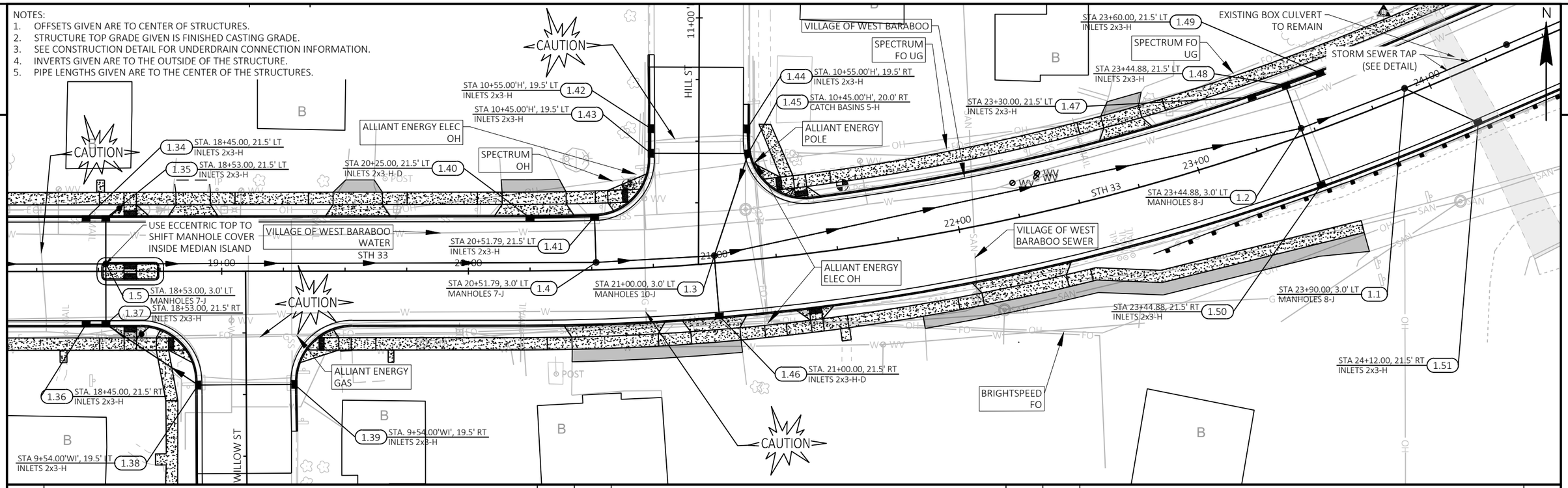


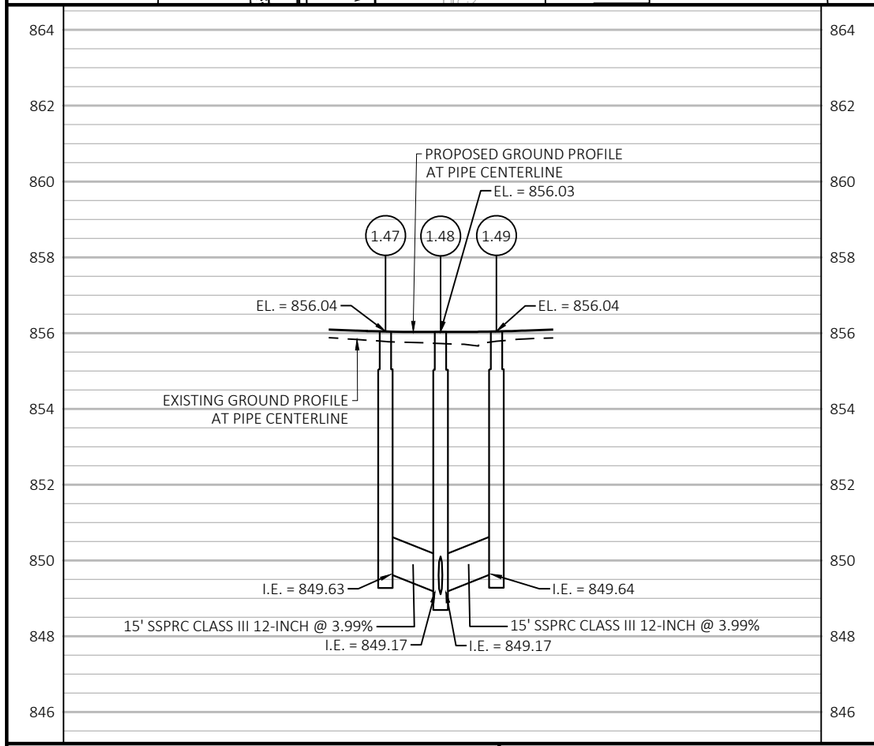


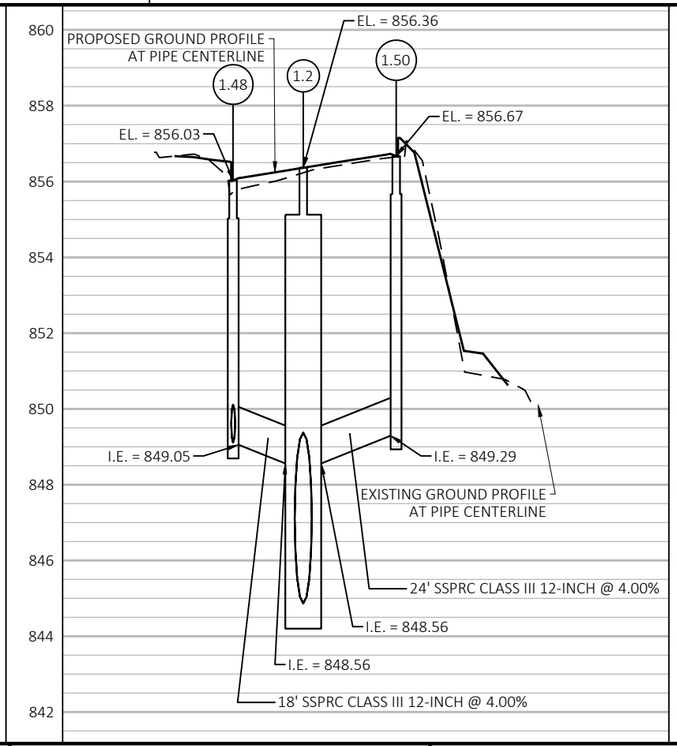


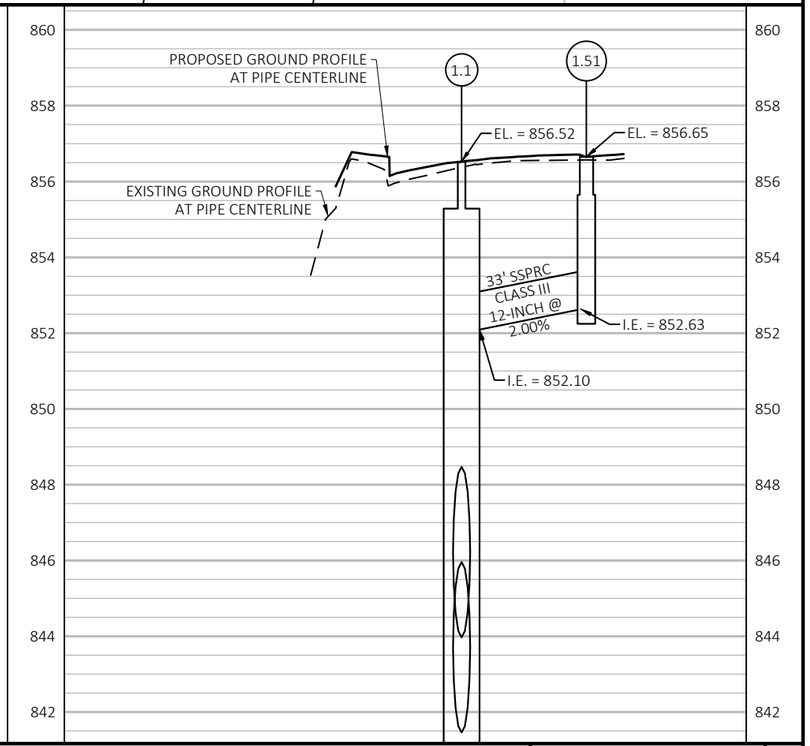
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 140	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.





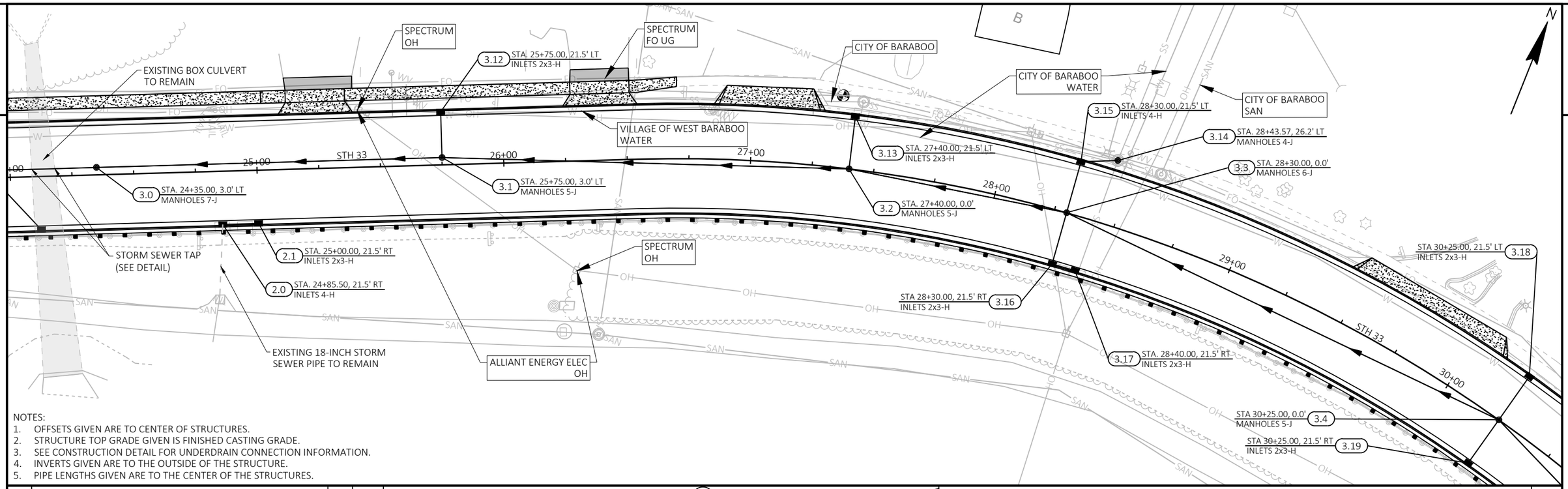




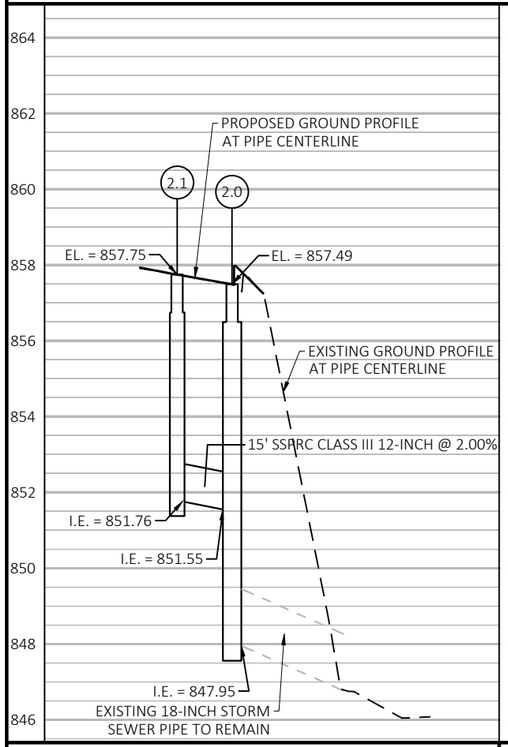
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 141	E

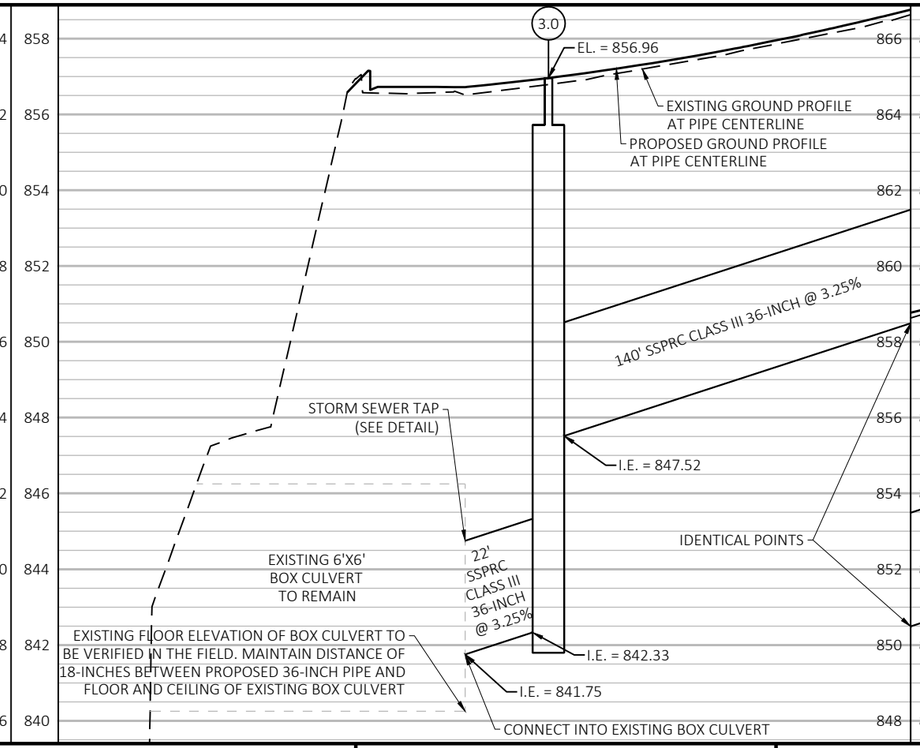
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022500-SS TO 022517-SS (SS1-SS3).DWG
LAYOUT NAME - 09
PLOT DATE : 4/28/2023 12:19 PM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

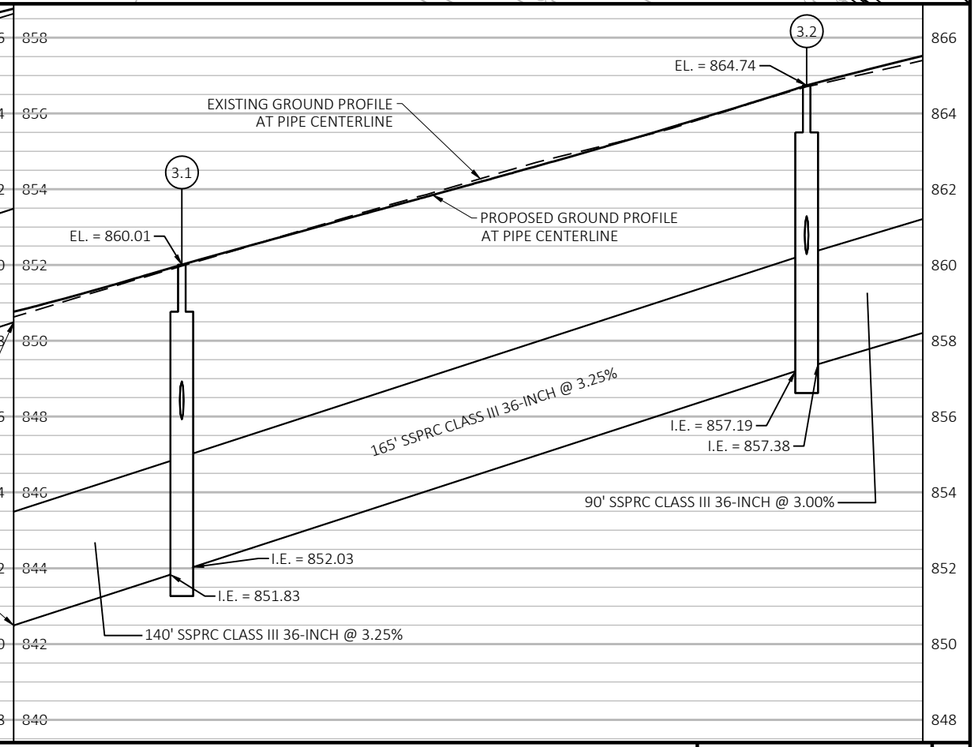
2



NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

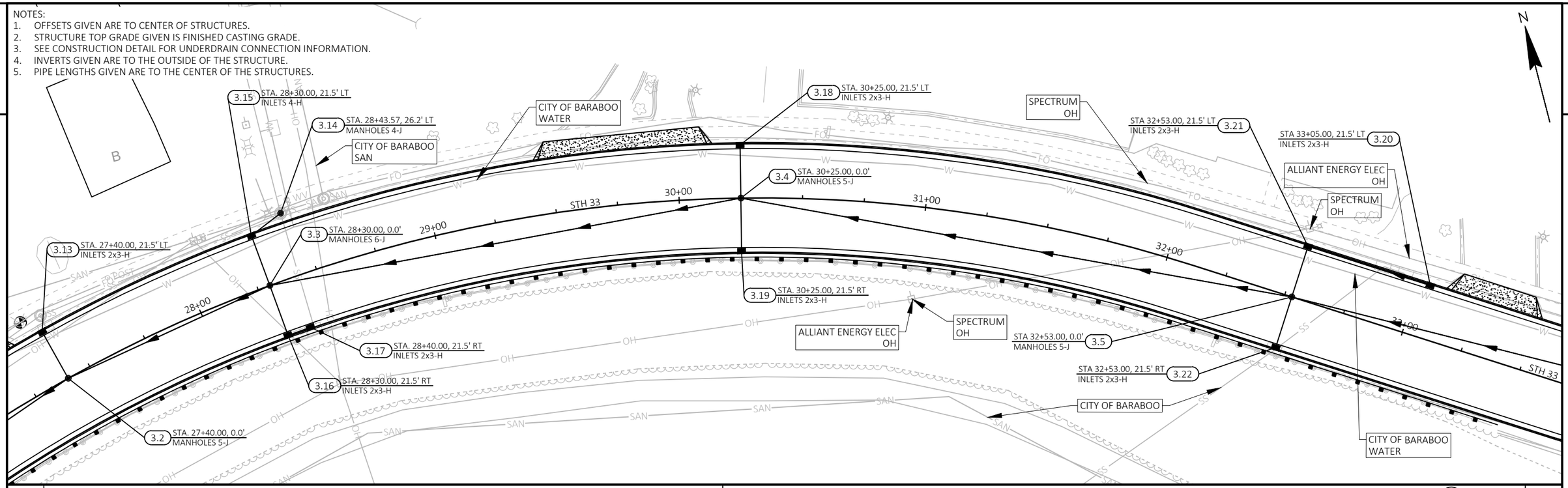


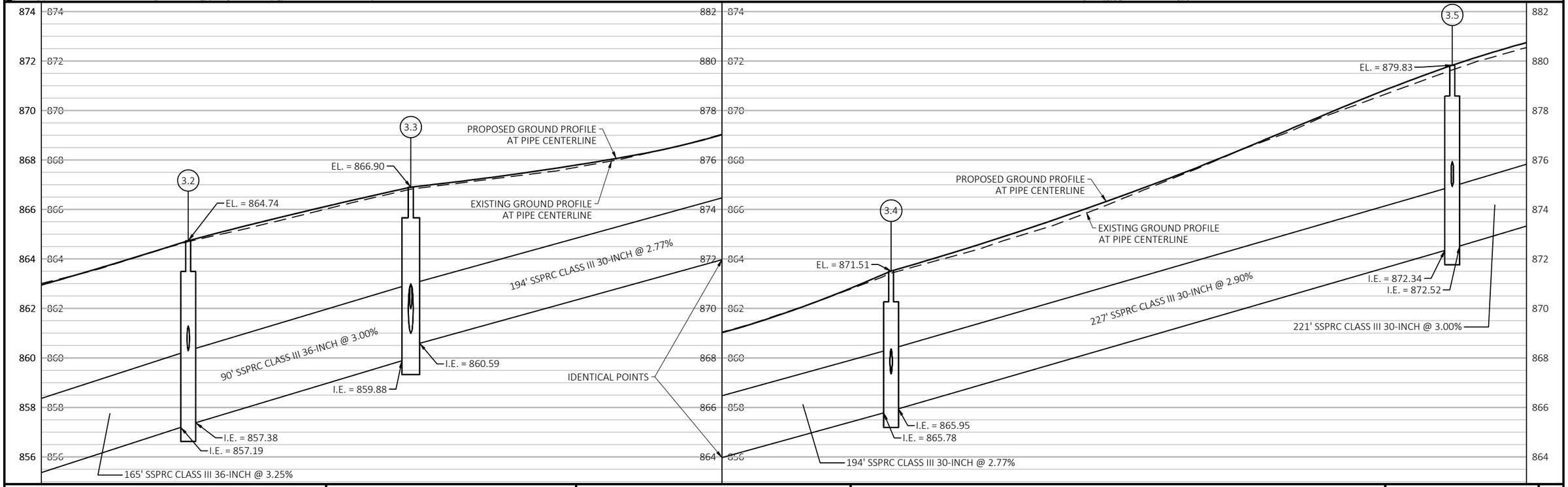




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 142	E

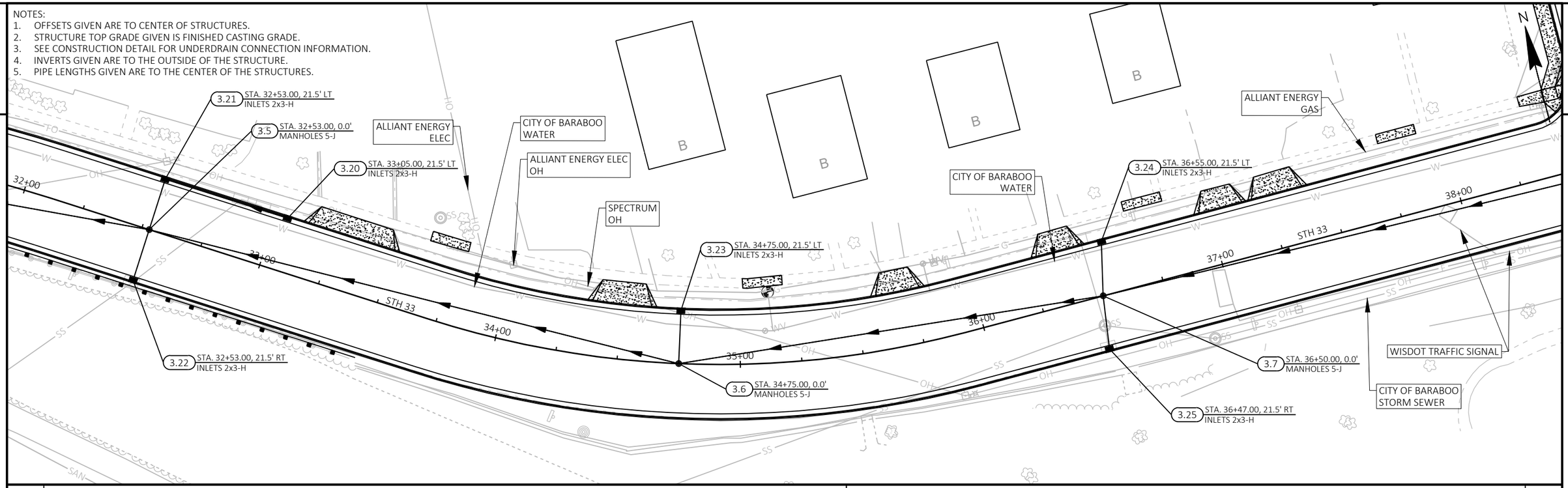
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

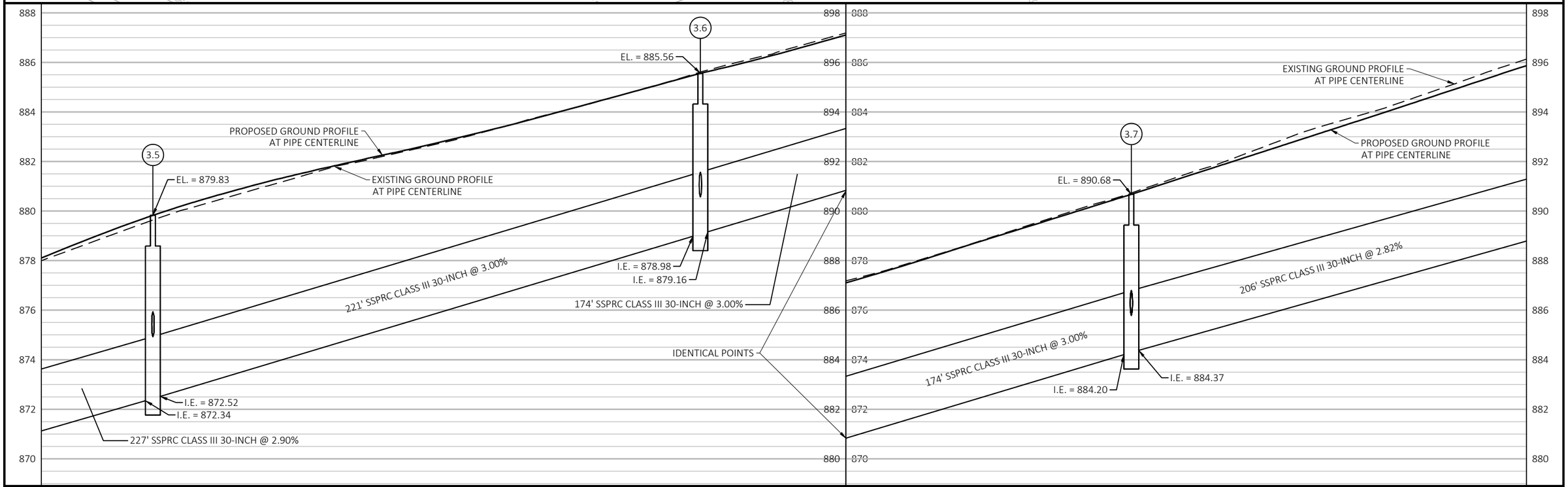




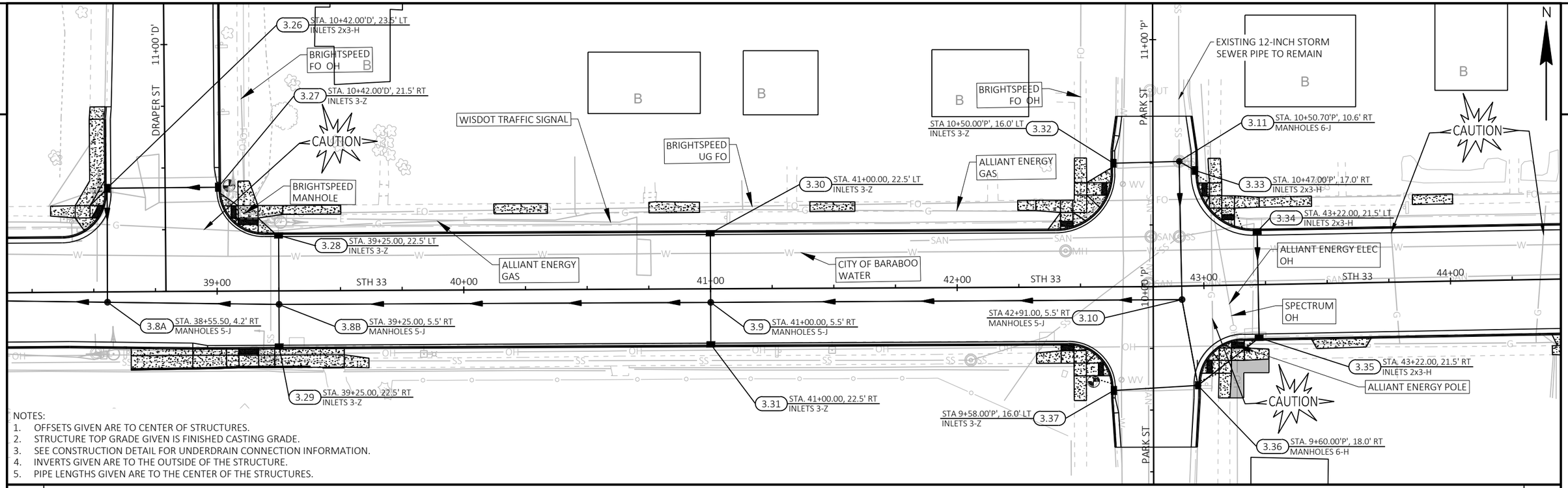
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 143 E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

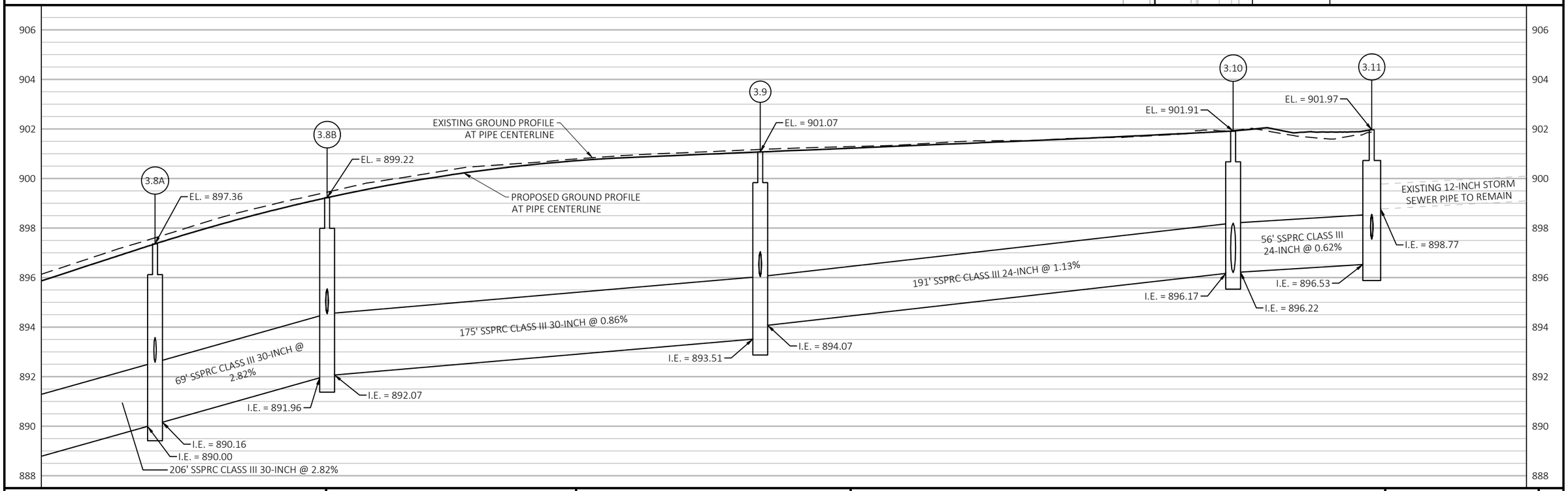




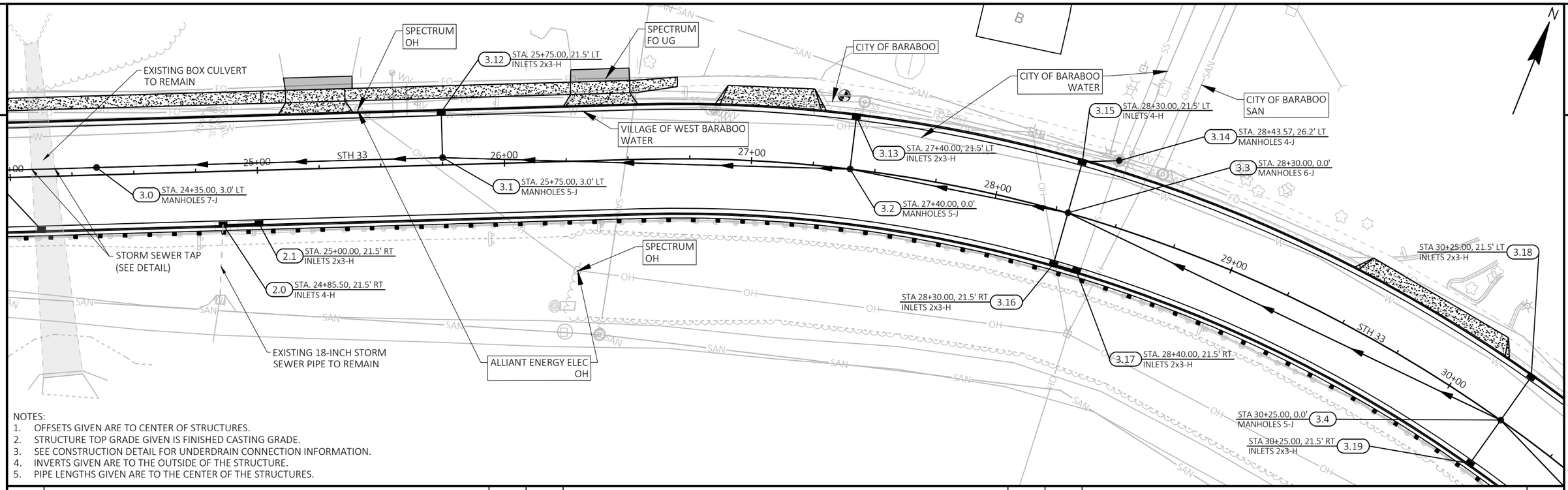
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 144 E



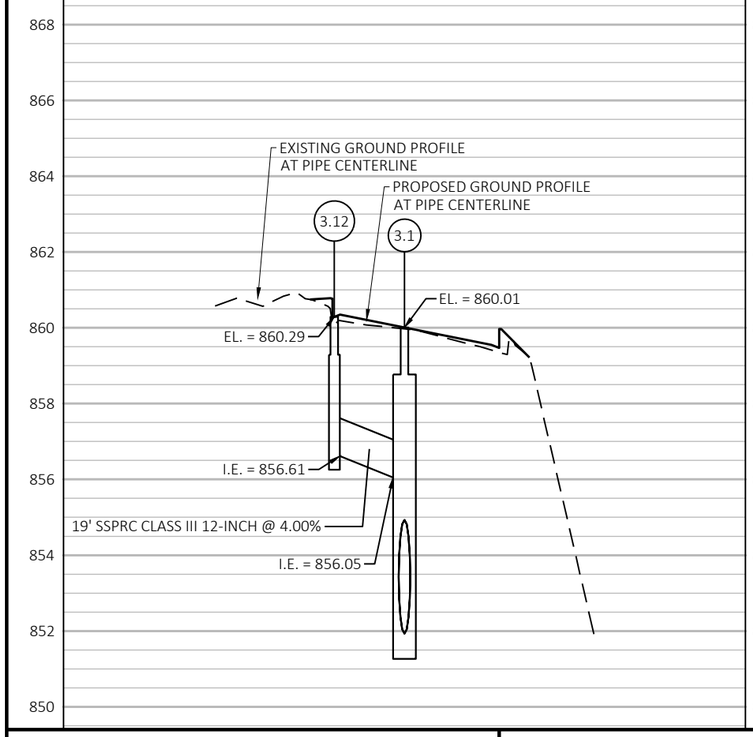
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

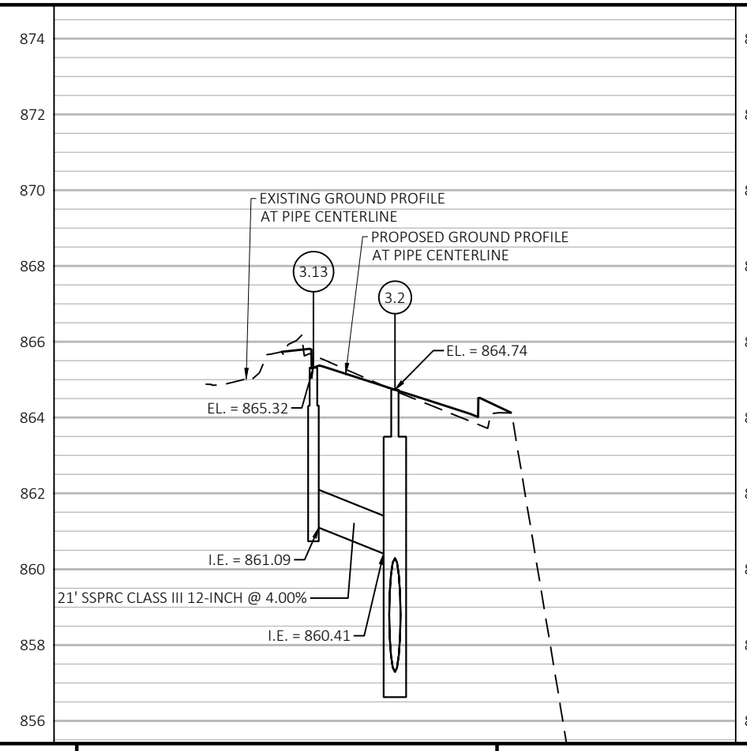


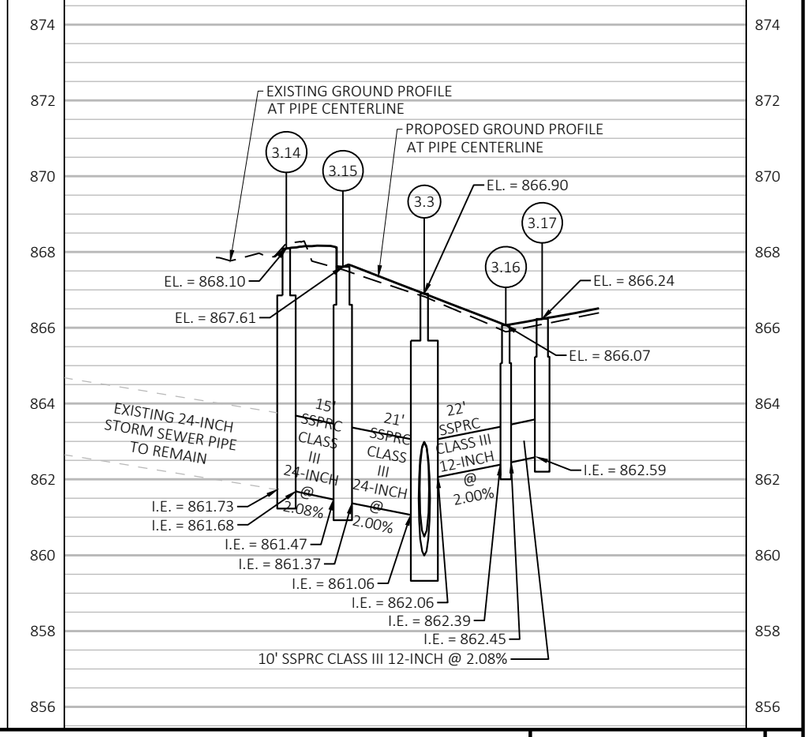
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 145	E



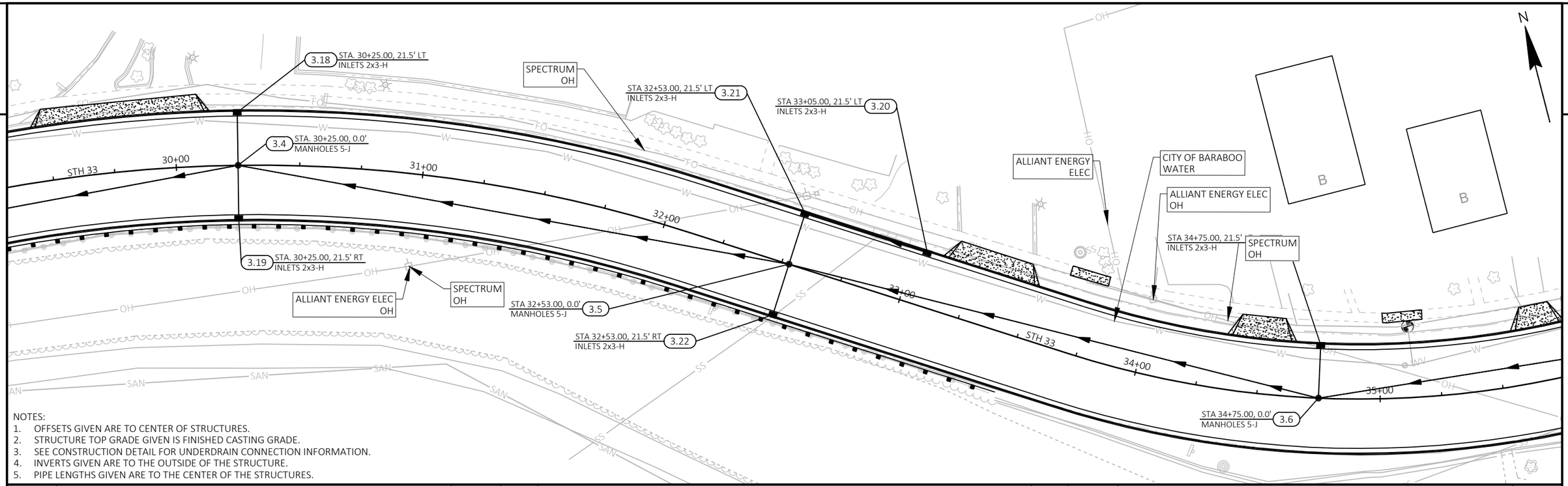
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



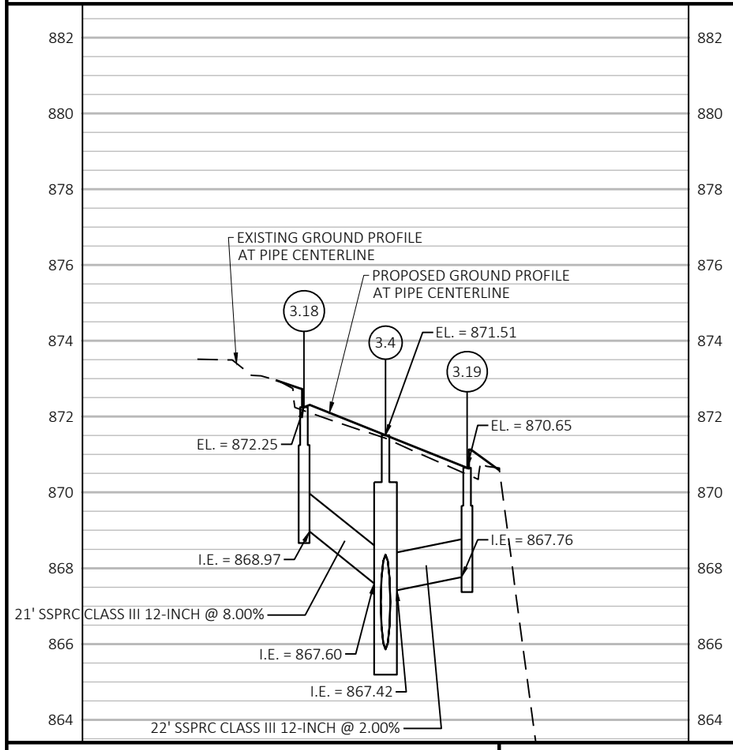


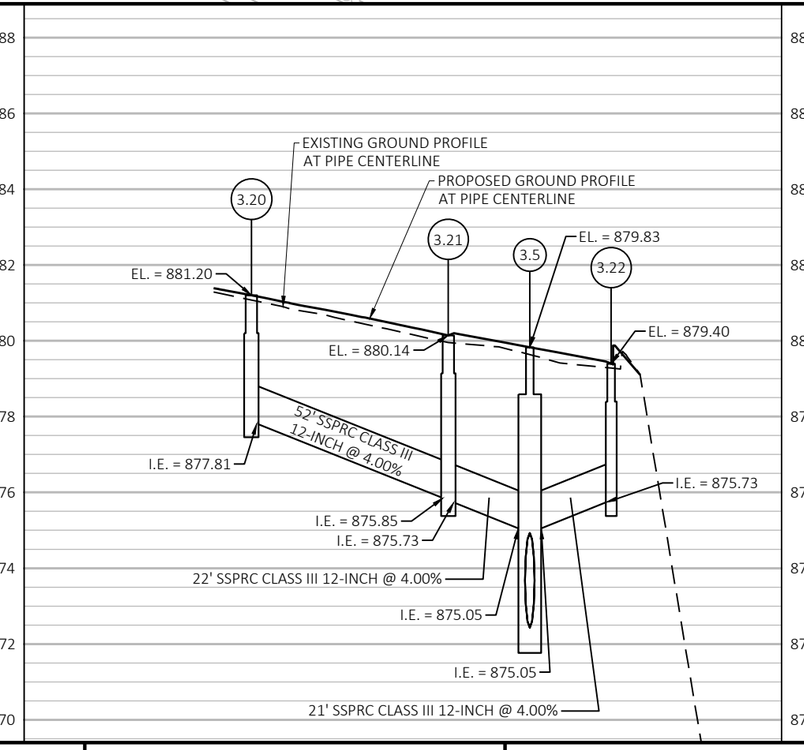


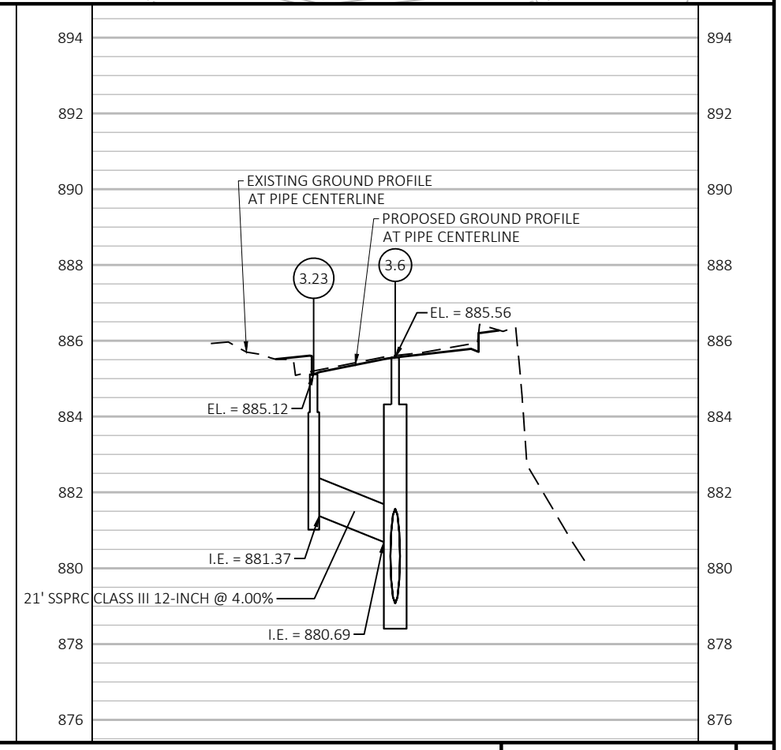
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 146	E



NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

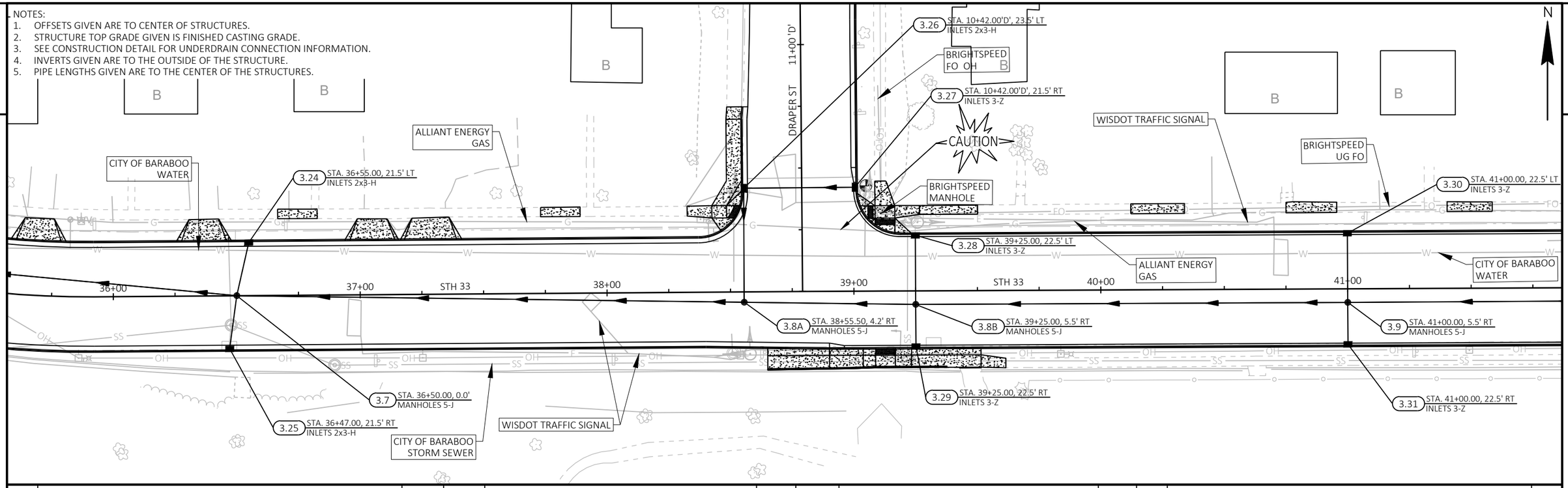


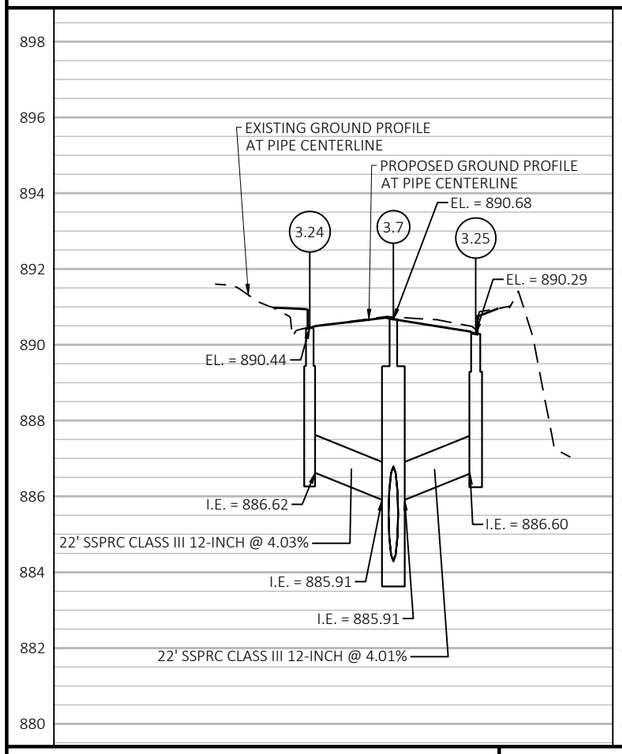


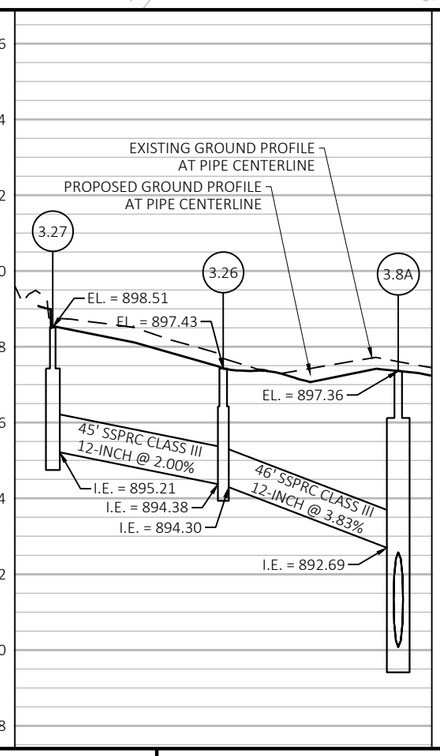


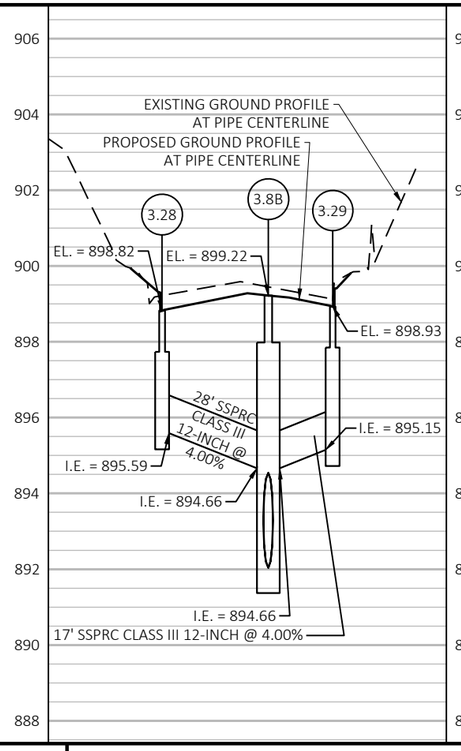
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 147	E

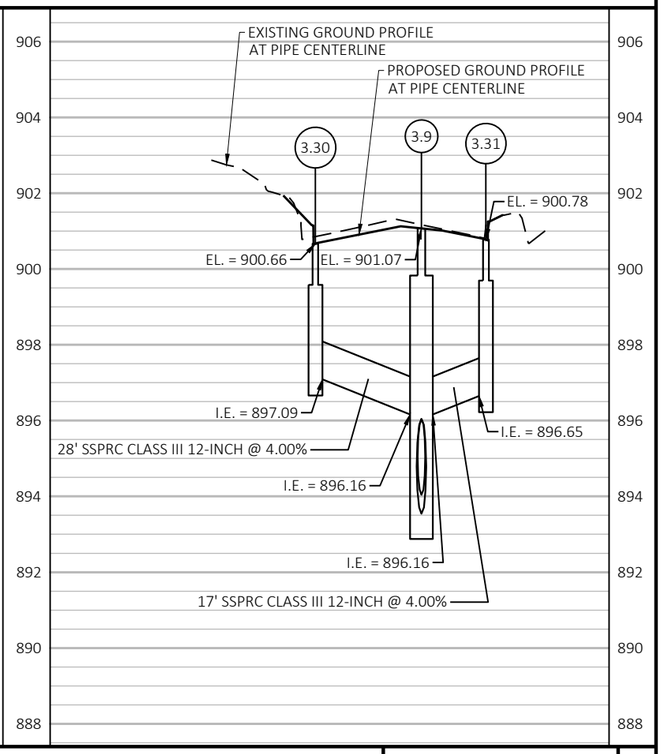
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



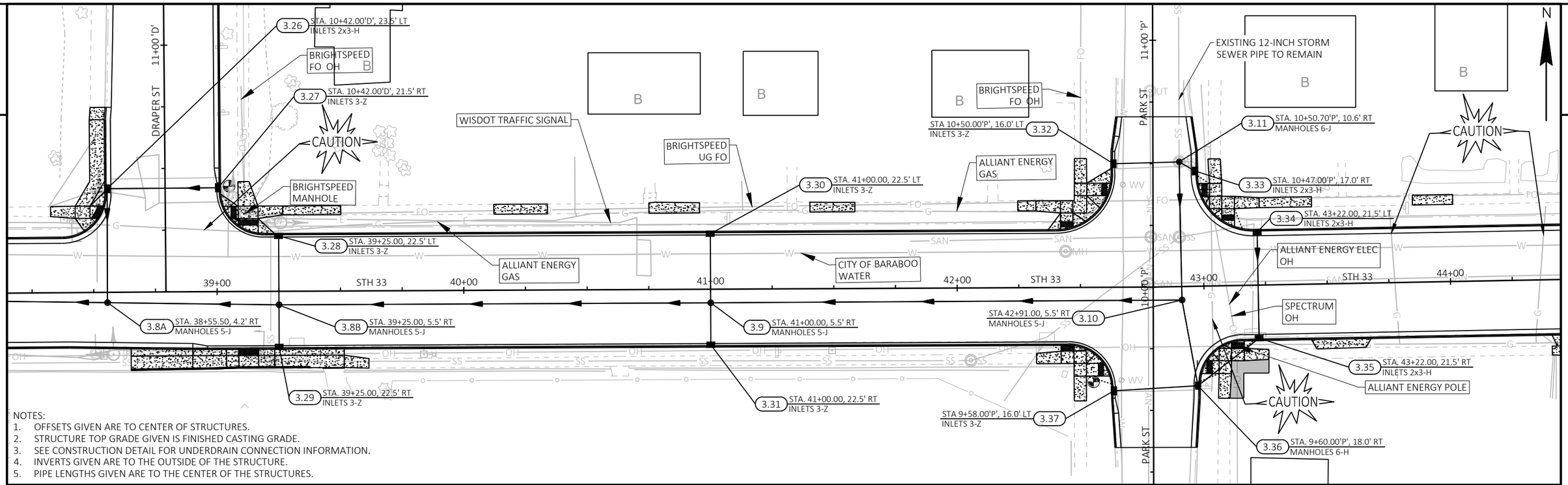




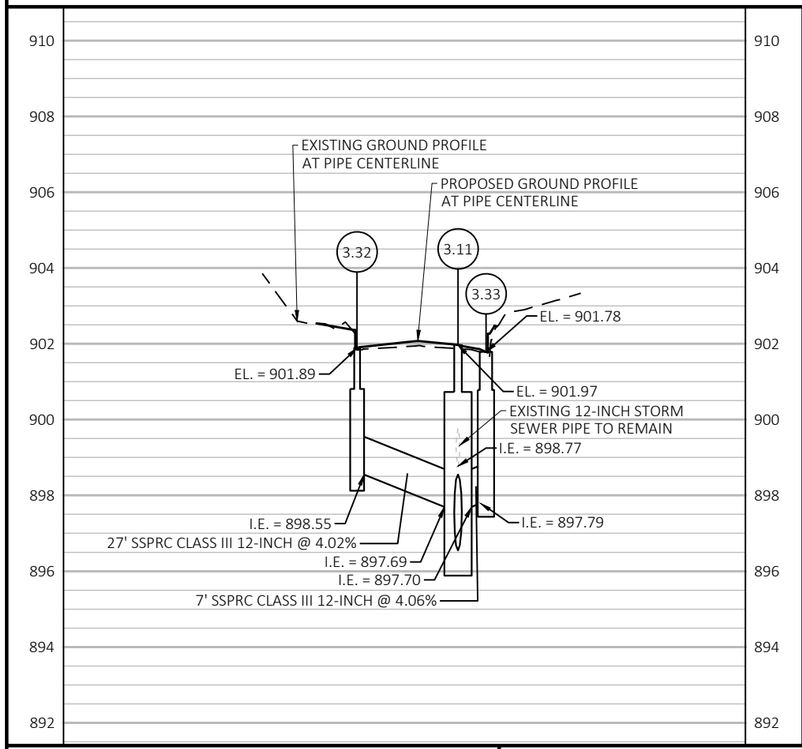


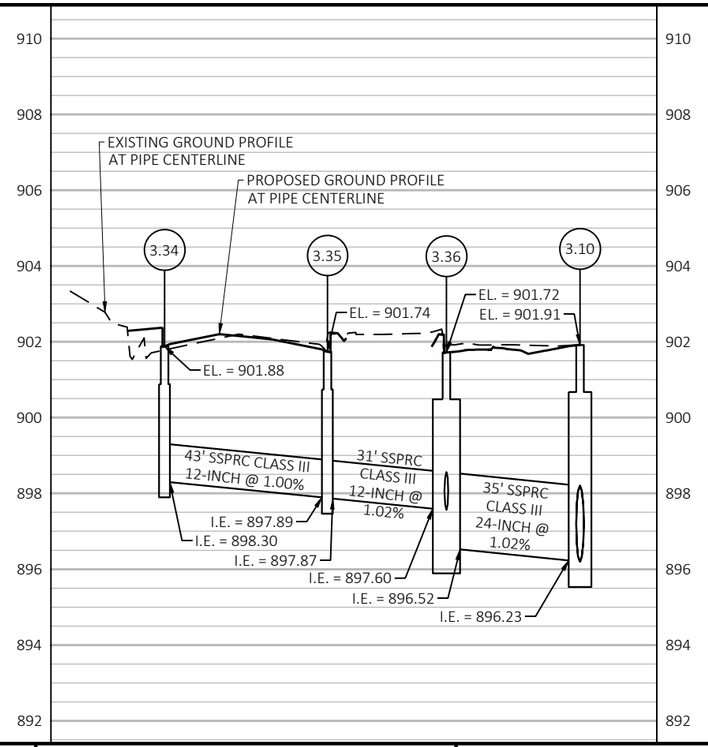


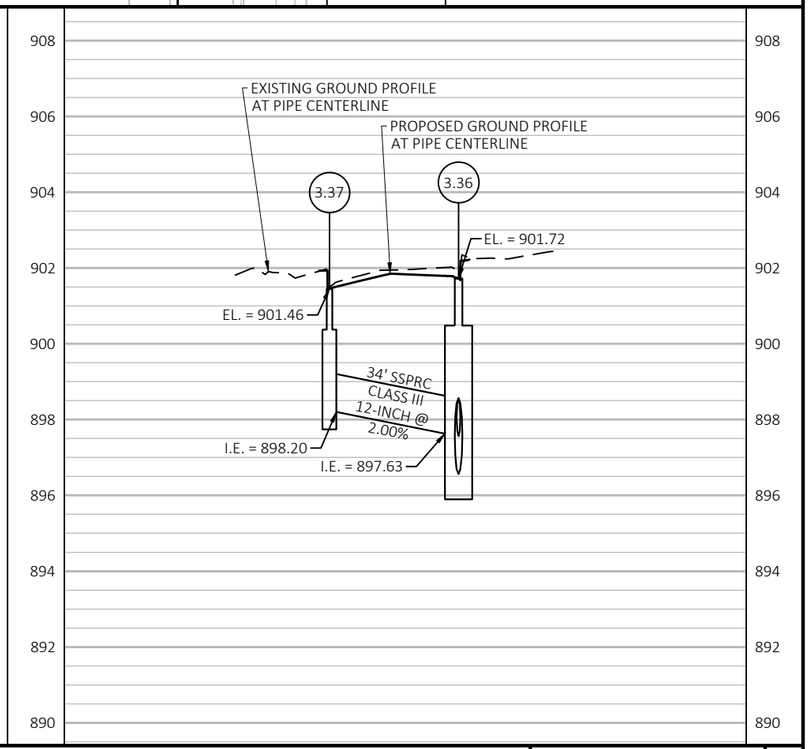
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 148 E



NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



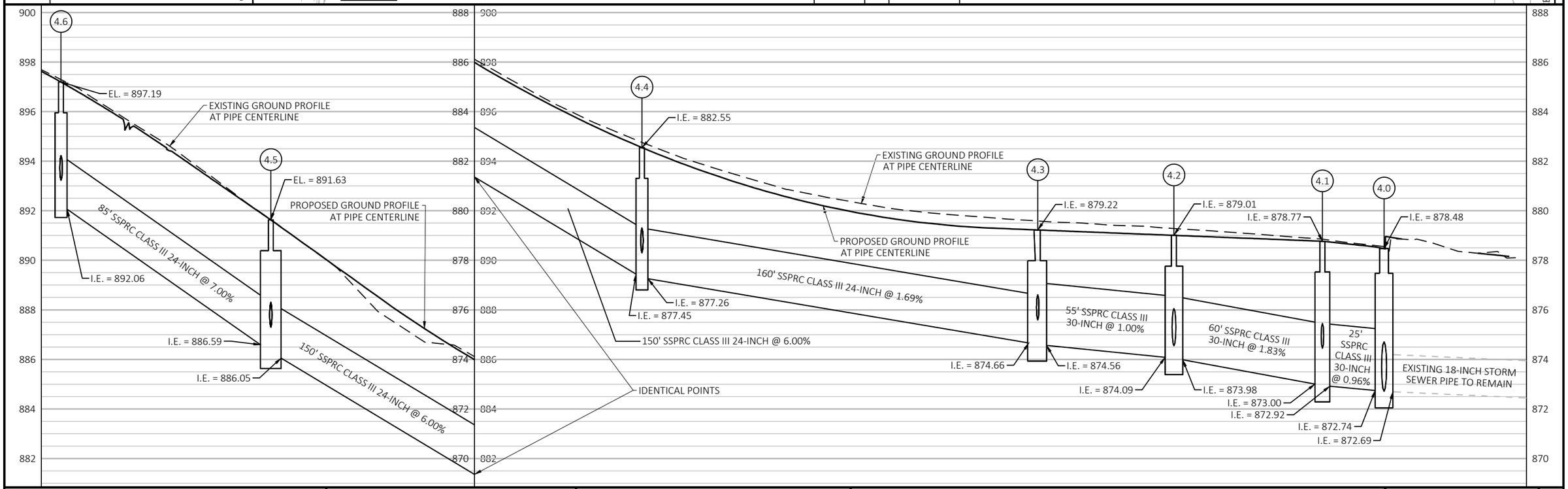




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 149	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

ALLIANT ENERGY ELEC OH
SUMMIT ST
4.9 STA. 10+50.00'S', 16.5' RT INLETS 2x3-H
1006 SUMMIT AVE JACQUELINE J KEISTER
532 8TH AVE RICHARD R KIMPFBECK
BRIGHTSPEED UG COMM
CAUTION
518 8TH AVE NATHAN C HANKE
STA 10+55.00'WO', 16.7' LT INLETS 2x3-H
STA 10+46.00'WO', 17.0' LT INLETS 2x3-H
4.16
4.17
514 8TH AVE WESTLEY LEVERENZ
WOOD ST
EXISTING 15-INCH STORM SEWER PIPE TO REMAIN
4.18 STA. 10+46.33'WO', 5.3' RT MANHOLES 4-J
504 8TH AVE WENDY N VAN DINTER
500 8TH AV STEPHANIE M
4.19 STA. 10+45.00'WO', 17.0' RT INLETS 2x3-H
STA 47+65.00, 21.5' LT INLETS 2x3-H-D 4.7
4.11 STA. 50+00.00, 21.5' LT INLETS 2x3-H
CITY OF BARABOO SAN
CITY OF BARABOO WATER
STA 51+50.00, 21.5' LT INLETS 2x3-H 4.13
STA 51+67.00, 21.5' LT INLETS 2x3-H 4.14
BRIGHTSPEED MANHOLE
STA 52+85.00, 21.5' LT INLETS 2x3-H 4.20
48+00 49+00 50+00 51+00 52+00 53+00
STH 33
10+00 'S'
STA 47+65.00, 13.0' RT MANHOLES 4-J 4.6
4.5 STA. 48+50.00, 13.0' RT MANHOLES 7-J
4.4 STA. 50+00.00, 13.0' RT MANHOLES 4-J
STA 51+60.00, 13.0' RT MANHOLES 6-J 4.3
STA 52+75.00, 13.0' RT MANHOLES 5-J 4.1
STA 47+65.00, 21.5' RT INLETS 2x3-H 4.8
ALLIANT ENERGY ELEC OH
SAUK COUNTY BUILDING SERVICES FO
ALLIANT ENERGY GAS
4.12 STA. 50+00.00, 21.5' RT INLETS 2x3-H
STA 51+60.00, 21.5' RT INLETS 2x3-H 4.15
STA 52+15.00, 13.0' RT MANHOLES 6-J 4.2
STA 52+98.39, 21.5' RT CATCH BASINS 6-H 4.0
EXISTING 18-INCH STORM SEWER PIPE TO REMAIN
541 8TH AVE KURT WILLIAM JOHNSON
533 8TH AVE GABRIEL L HALL
527 8TH AVE ROBERT G CUSTER
521 8TH AVE HAROLD D & PEGGY J GRUBER LIVING TRUST
515 8TH AVE LEONARD J SPETH
509 8TH AVE KEVIN L HANSON
503 8TH AVE NOAH J ABEITA SR
4.10 STA. 9+58.00'S', 16.5' RT INLETS 2x3-H
CENTER ST
CITY OF BARABOO STORM SEWER
'S' 'E'

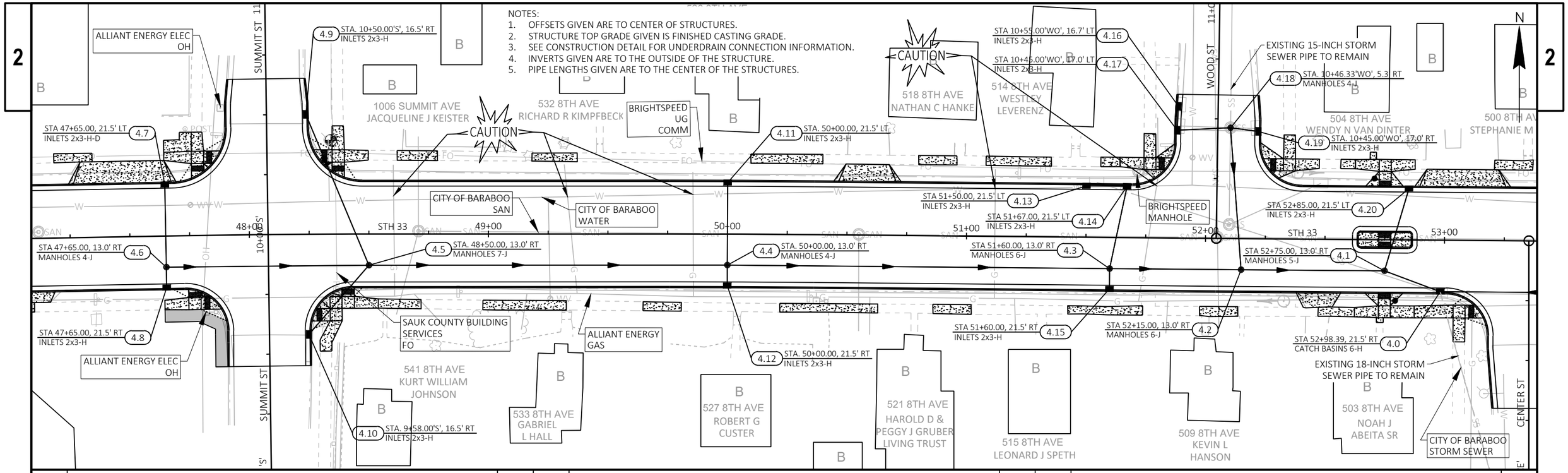


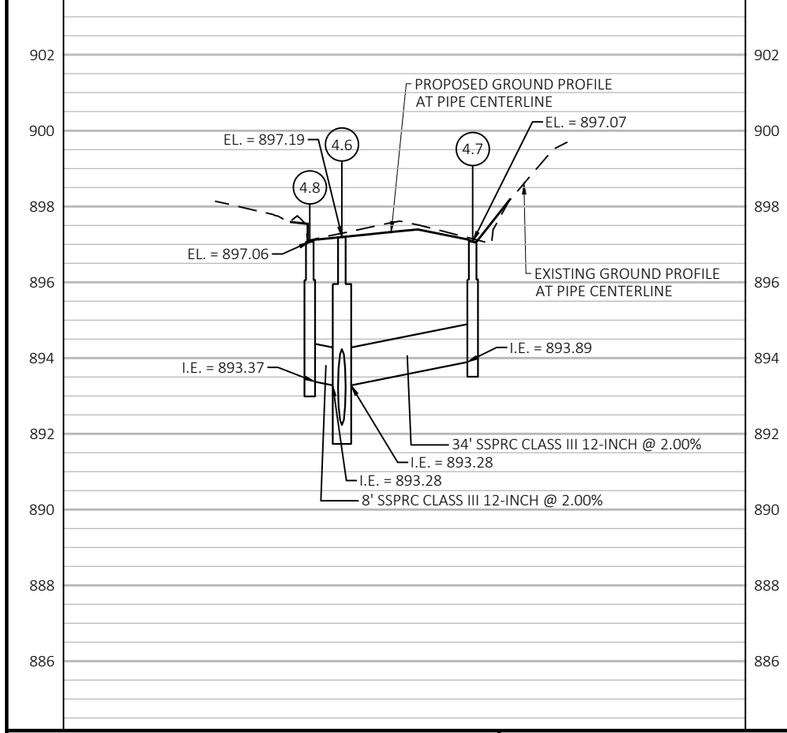
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 150 E

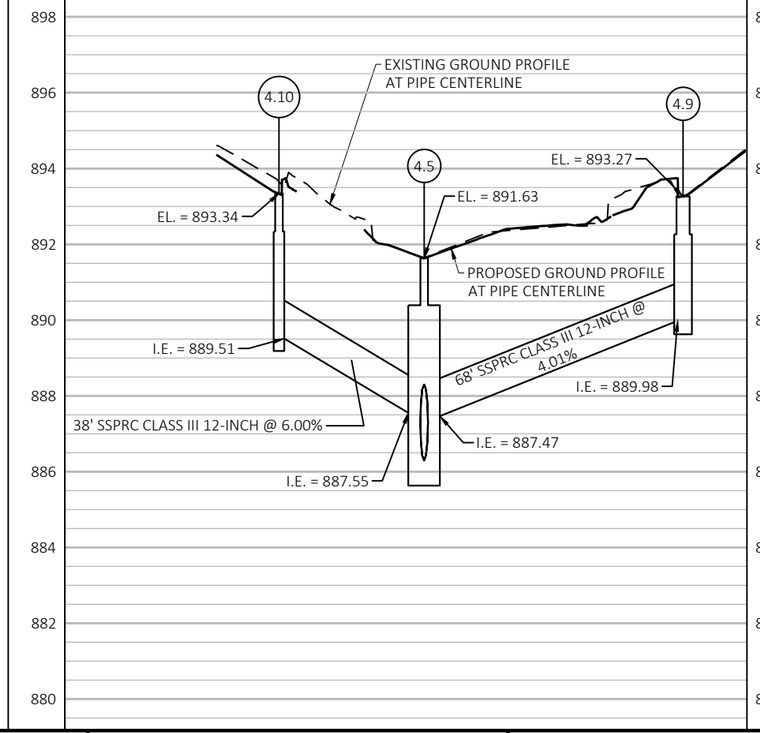
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022518-SS TO 022523-SS (SS4-SS6).DWG
LAYOUT NAME - 18
PLOT DATE : 4/28/2023 12:04 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

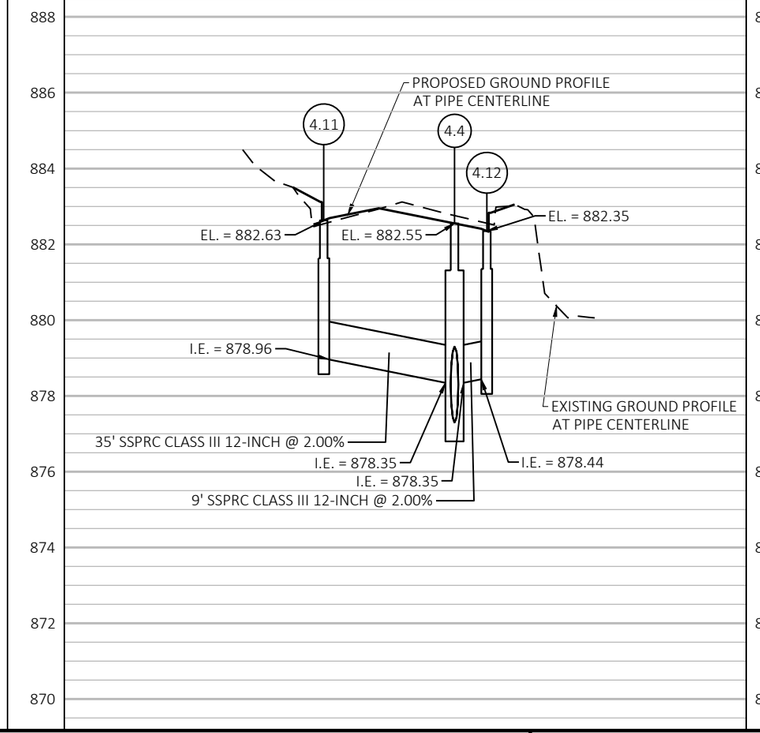
WISDOT/CADDS SHEET 44

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



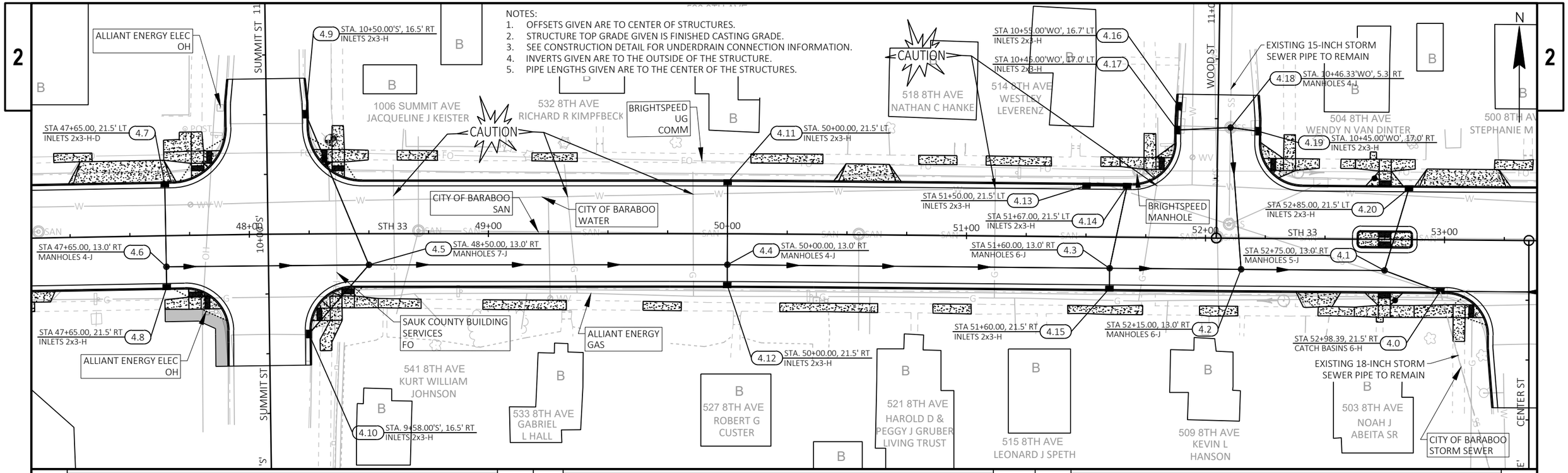


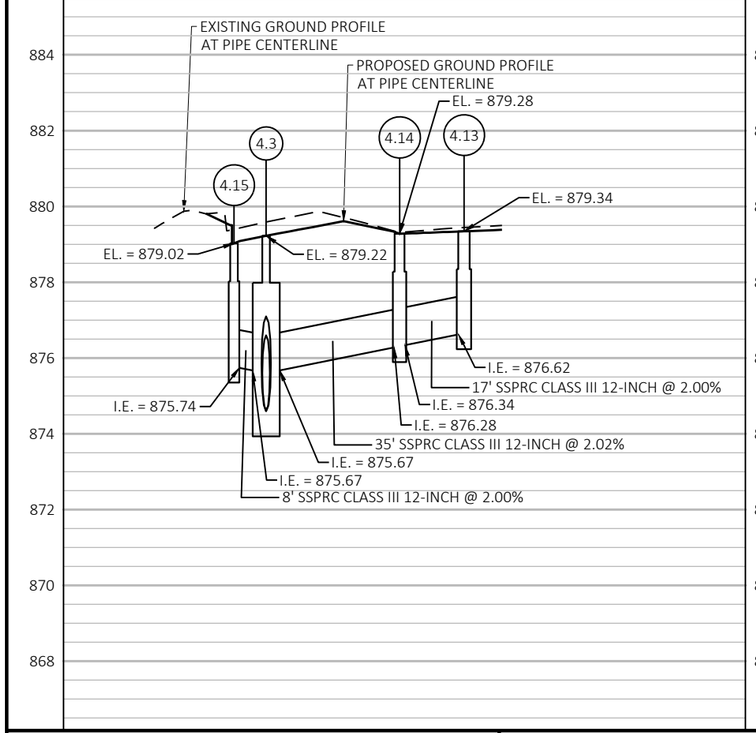


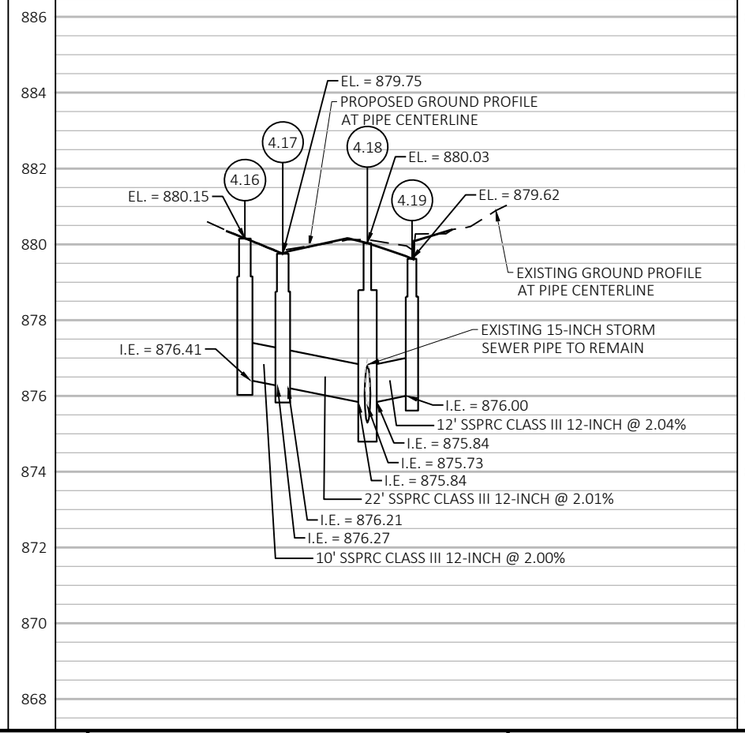


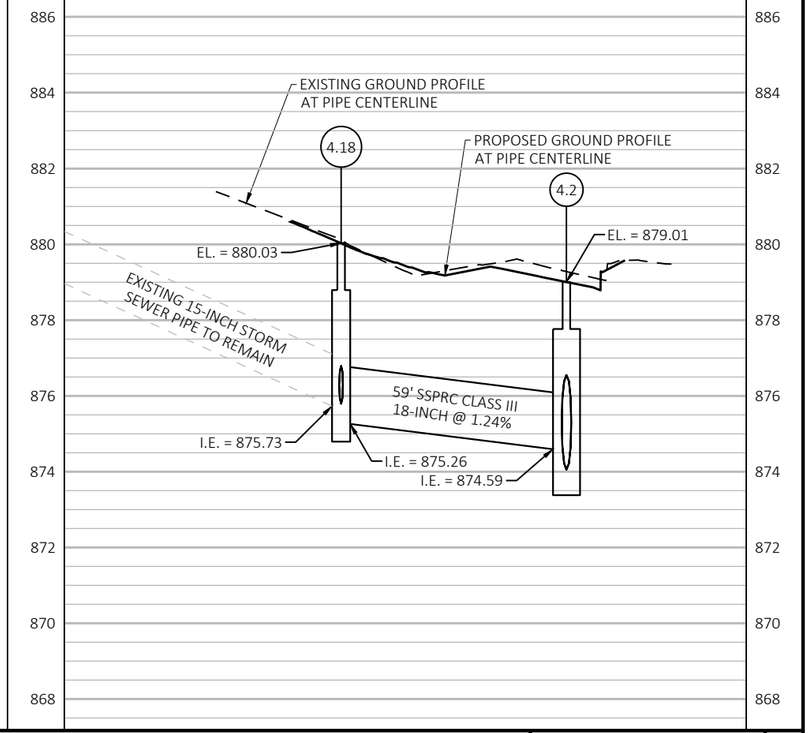
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 151	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

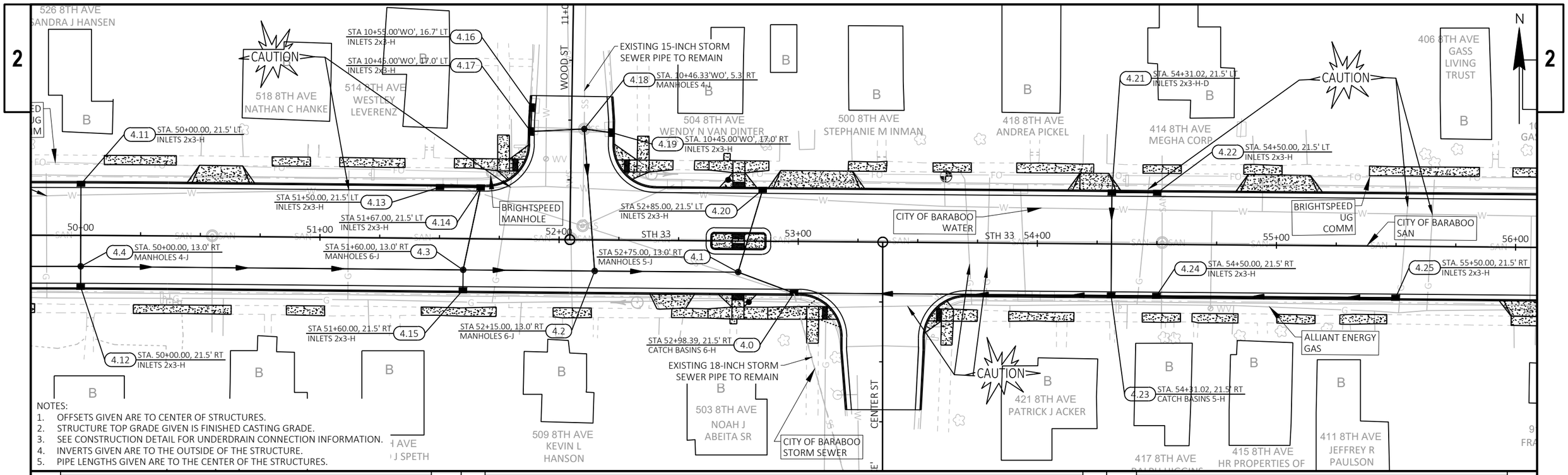




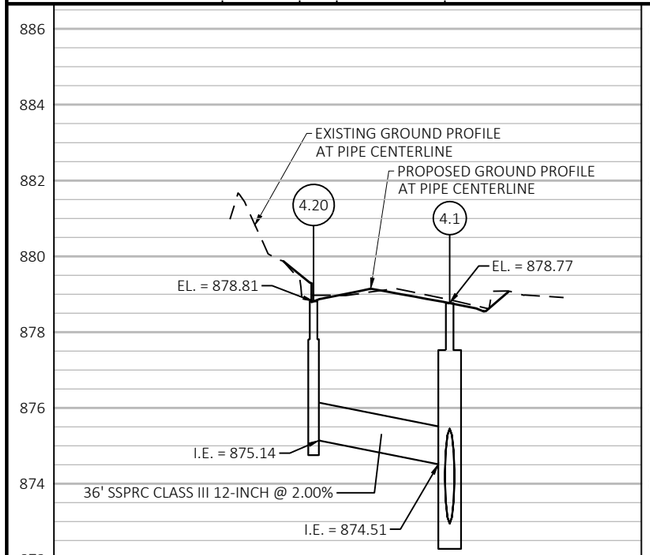


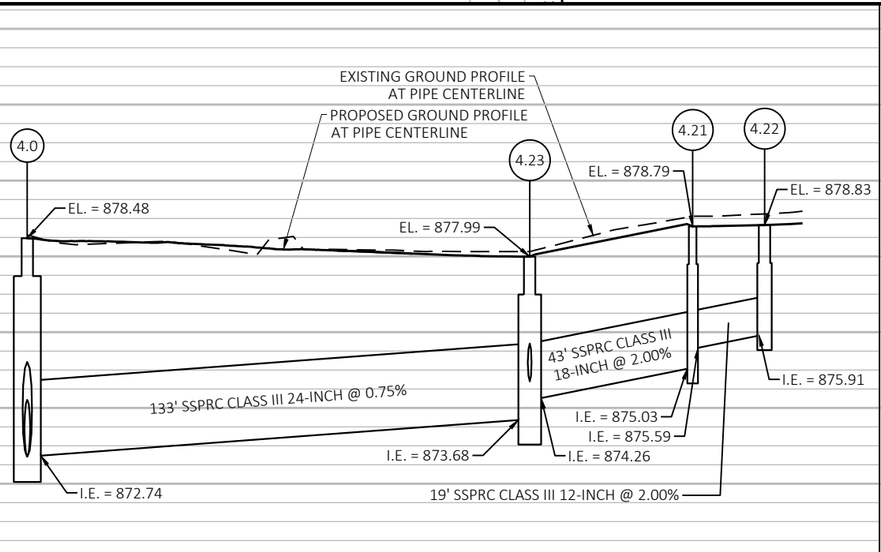


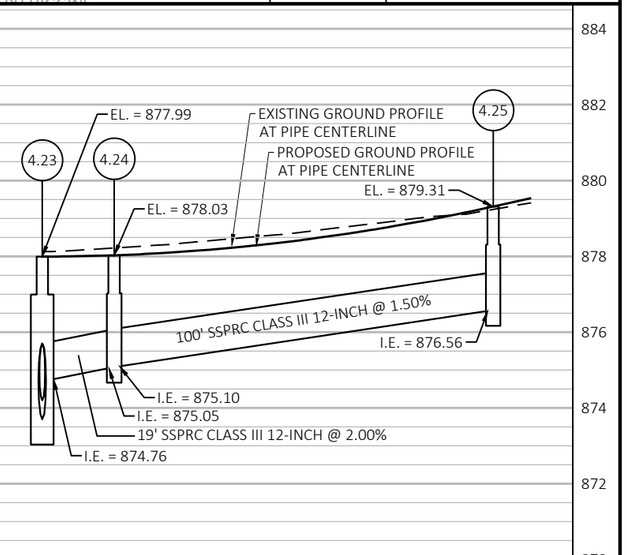
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 152	E



NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

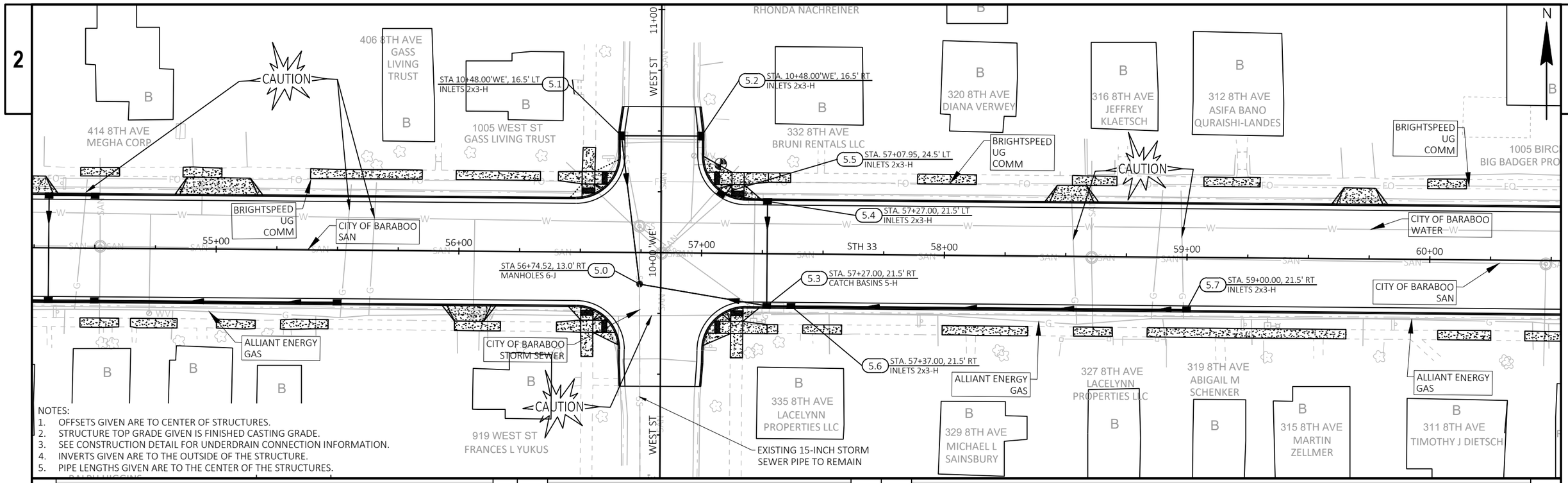




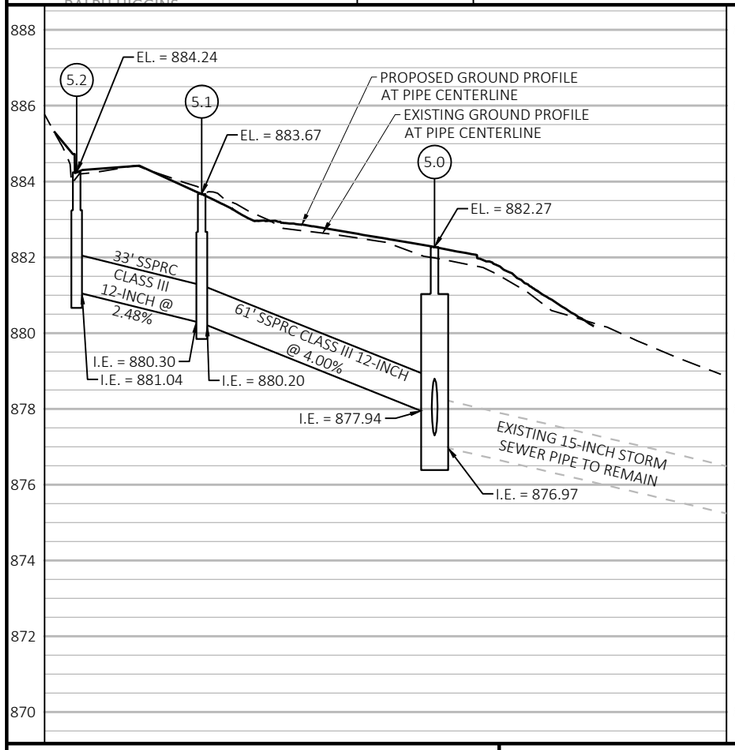


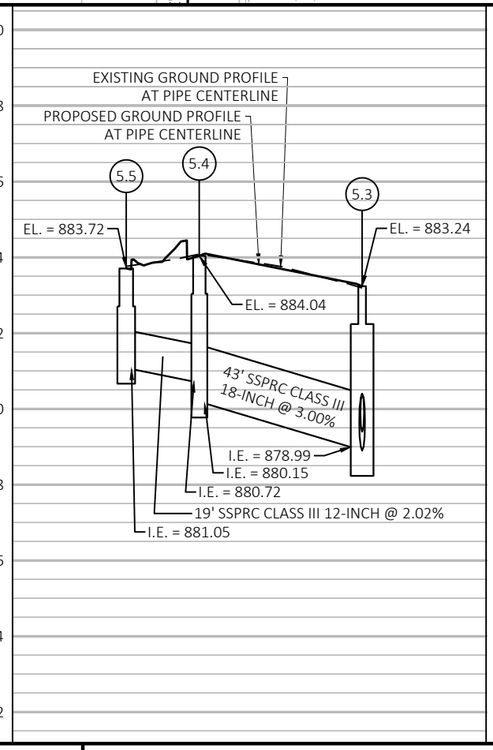
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 153	E

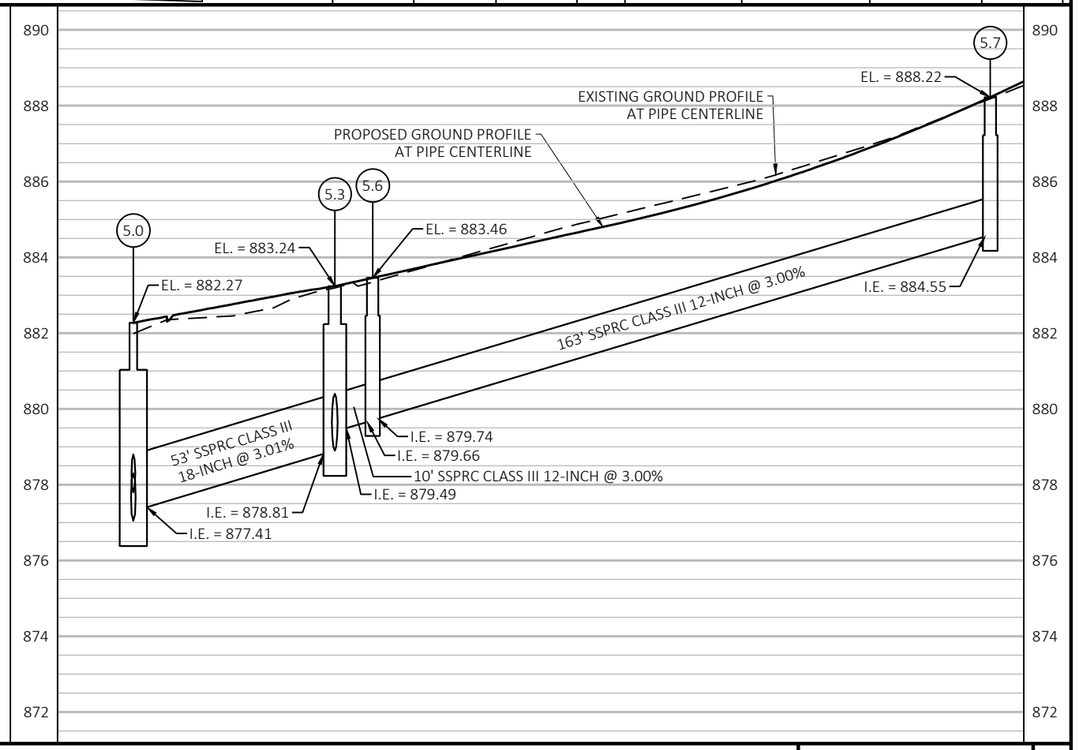
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022518-SS TO 022523-SS (SS4-SS6).DWG
LAYOUT NAME - 21
PLOT DATE : 4/28/2023 12:08 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 44



NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



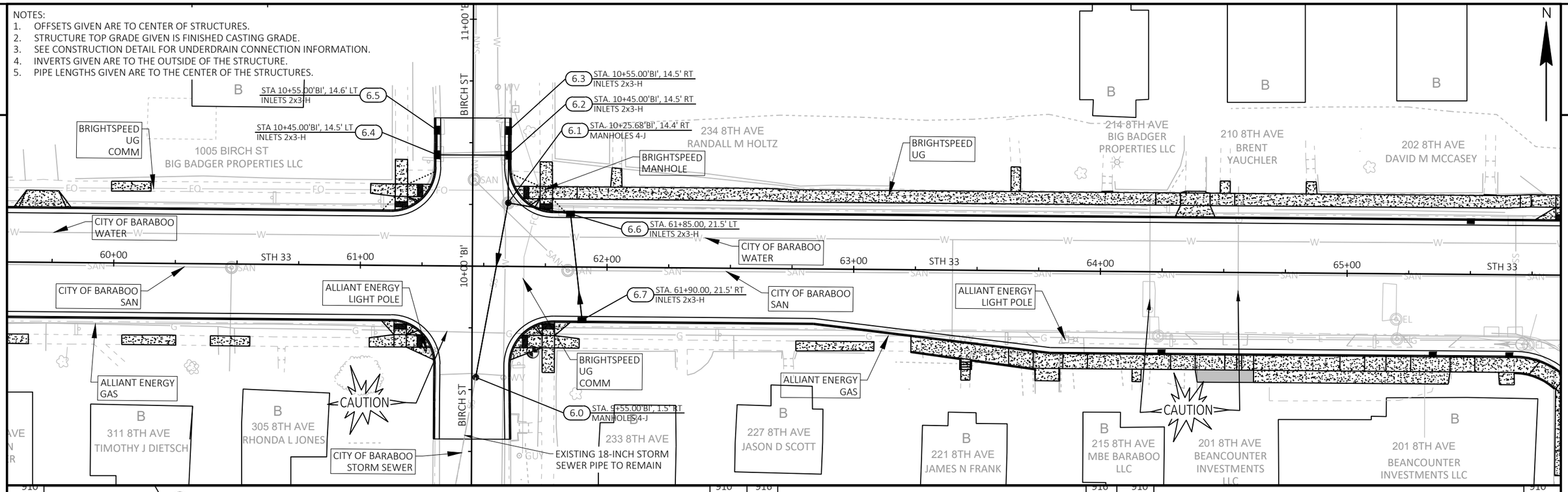


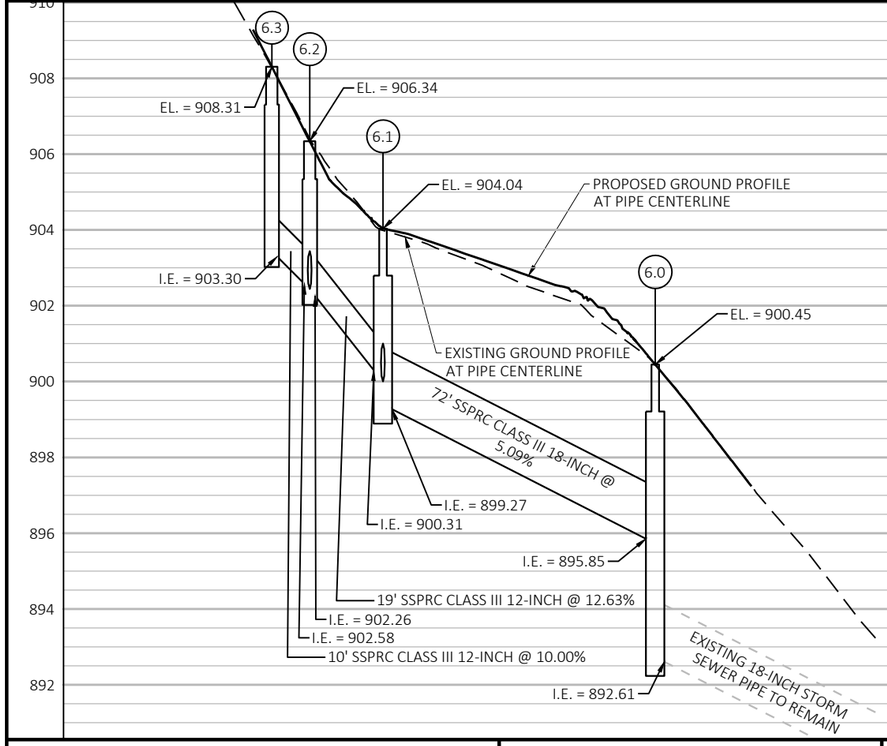


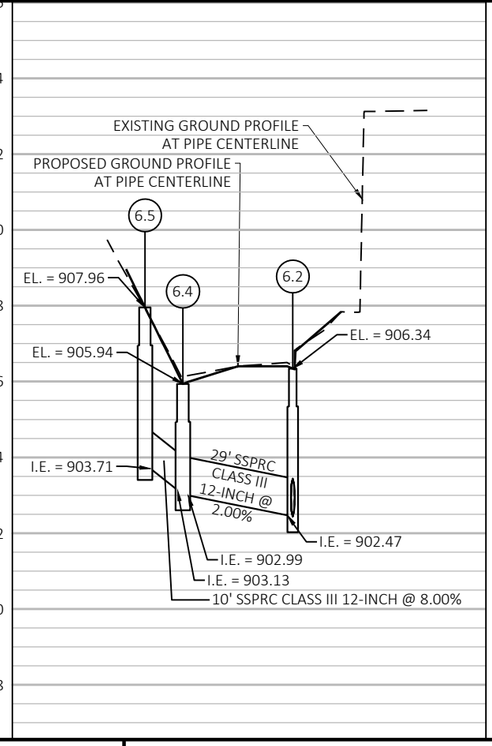
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 154	E

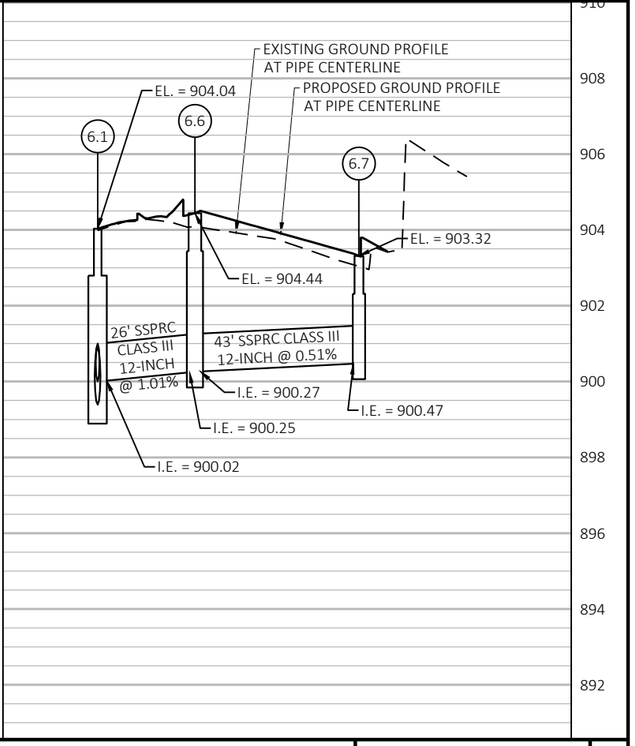
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022518-SS TO 022523-SS (SS4-SS6).DWG
LAYOUT NAME - 22
PLOT DATE : 4/28/2023 12:09 PM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



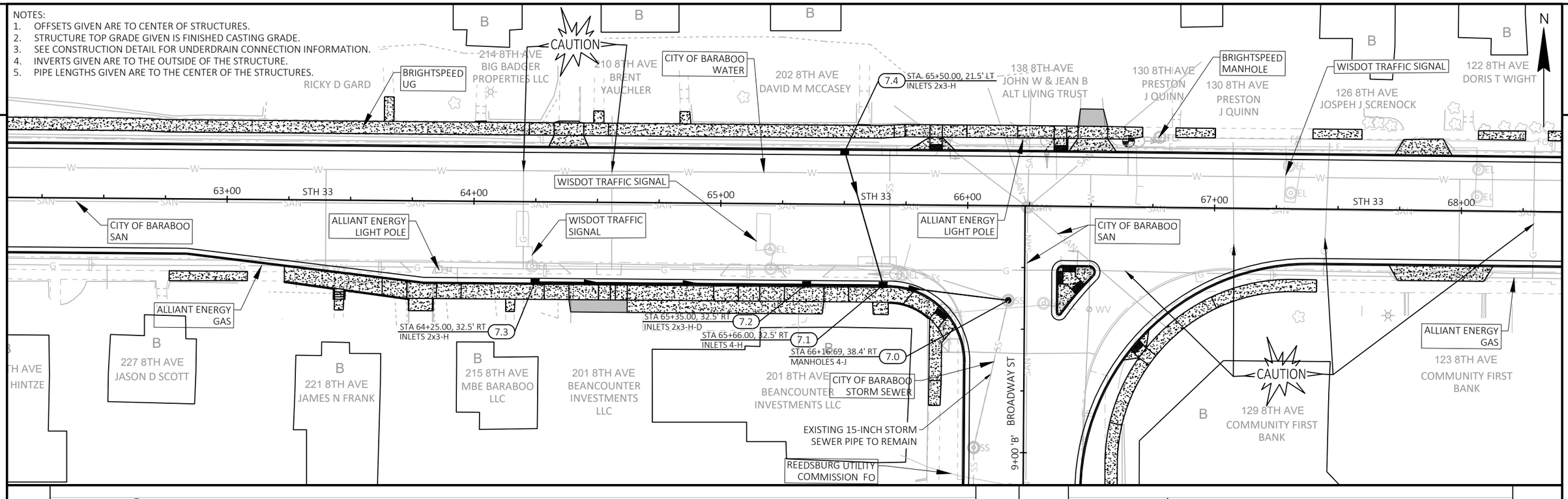


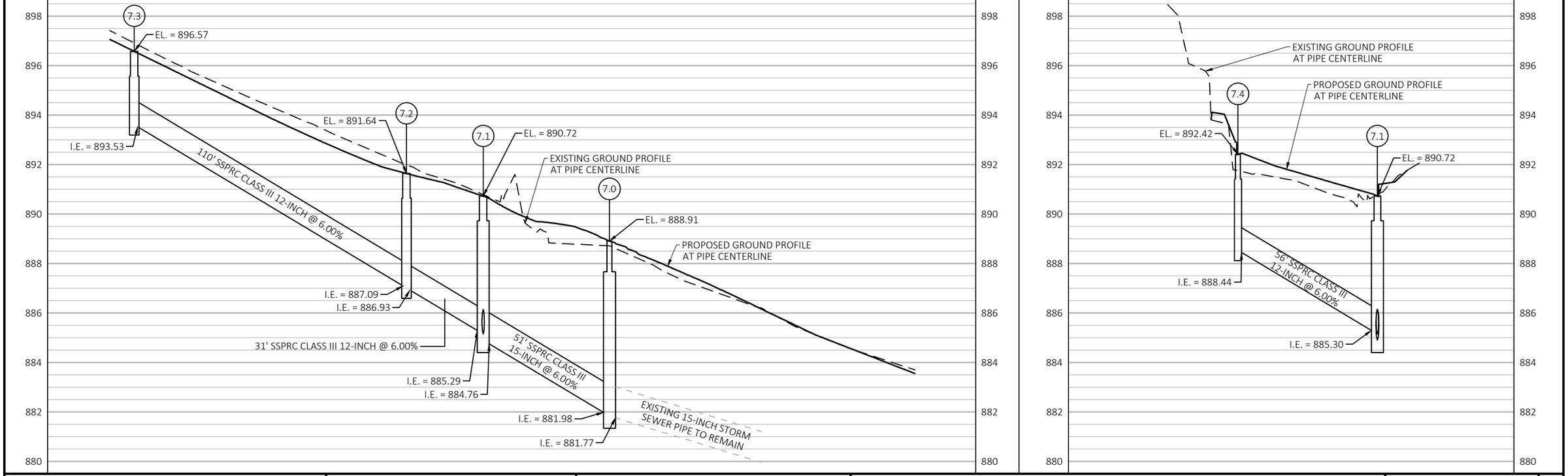




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 155	E

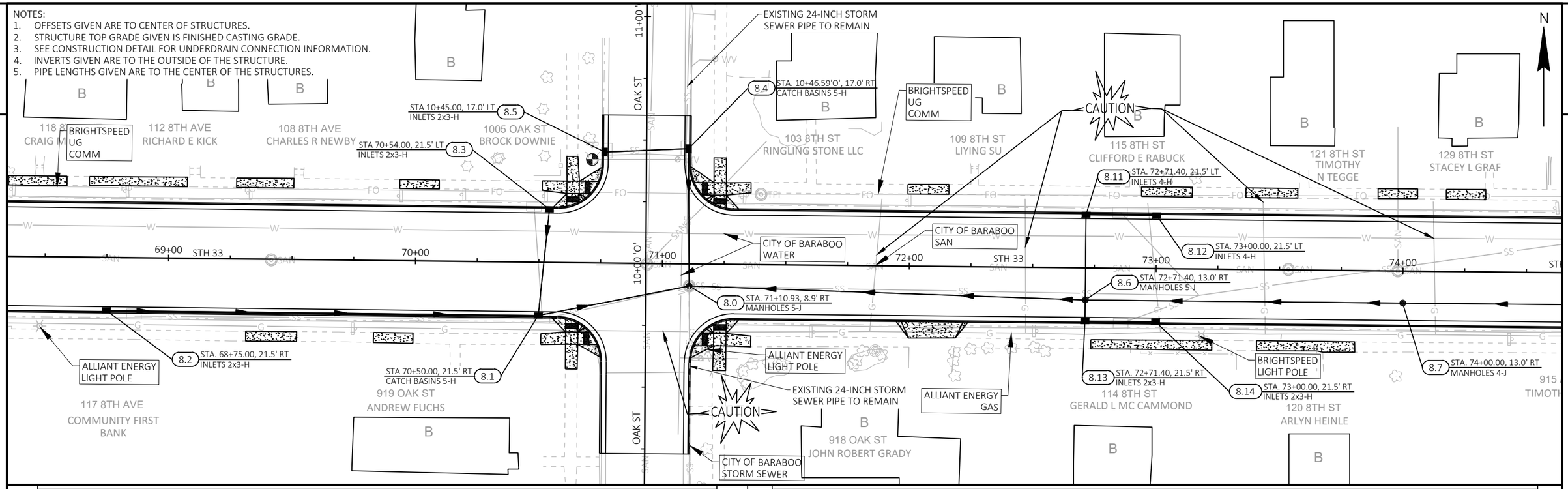
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

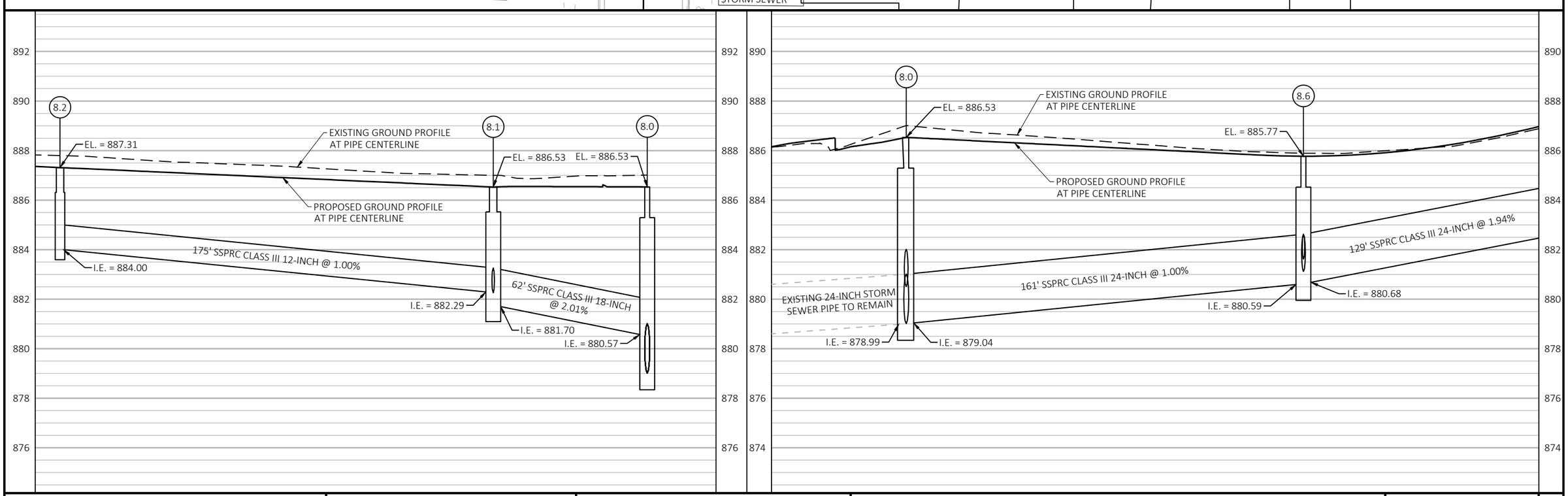




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 156 E

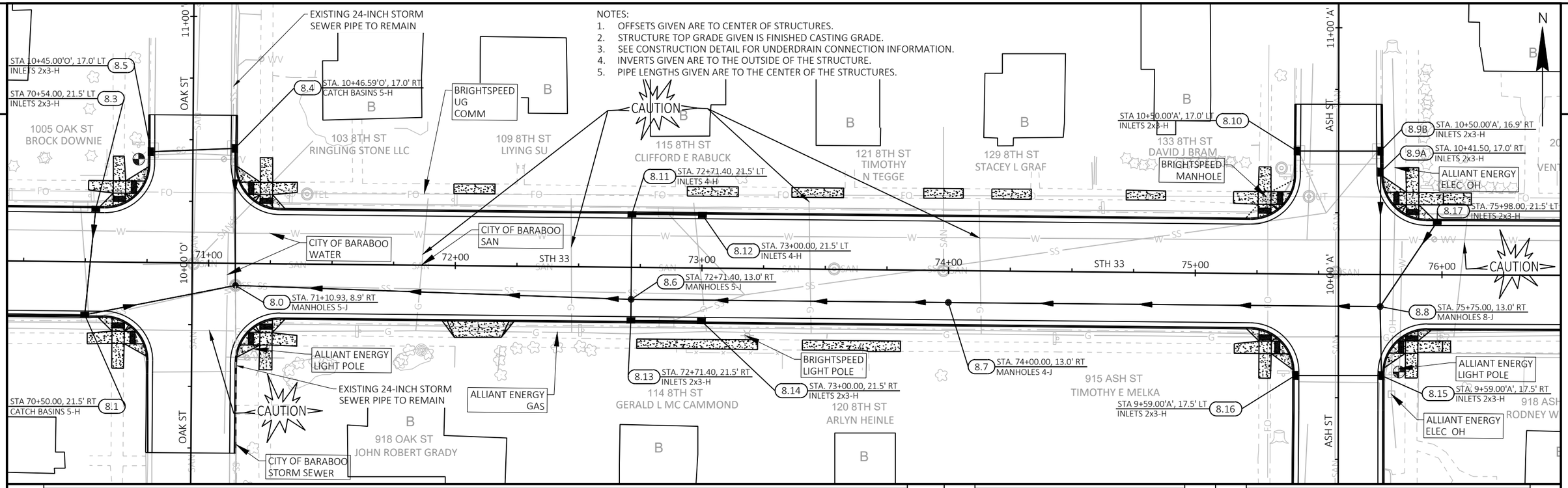
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

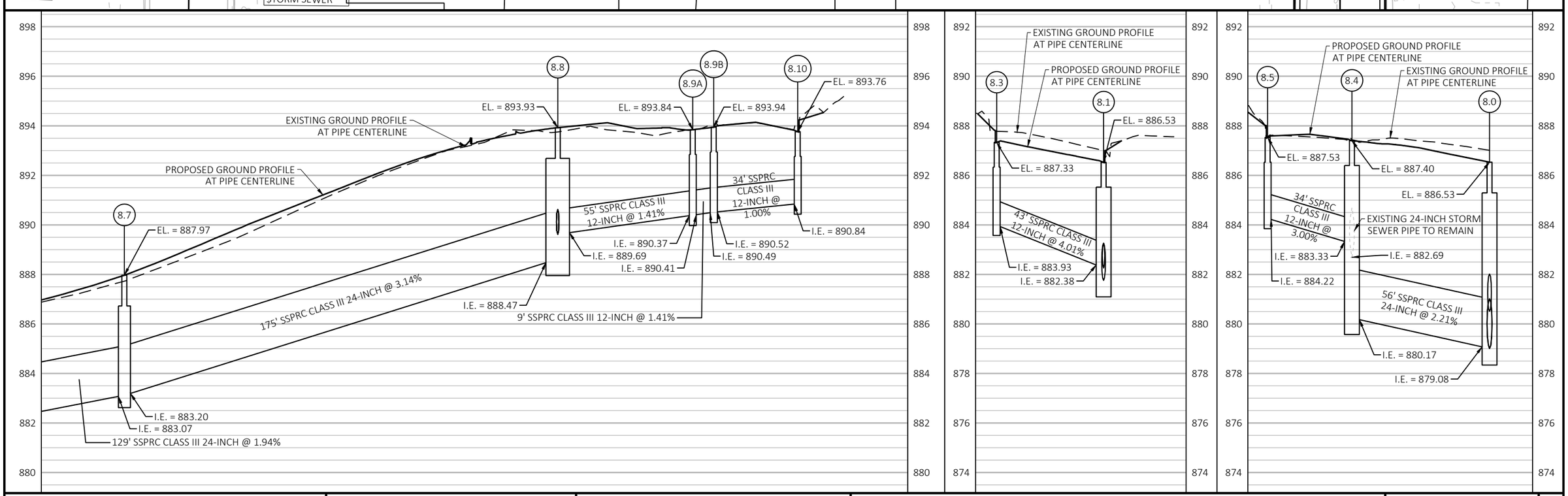




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 157	E

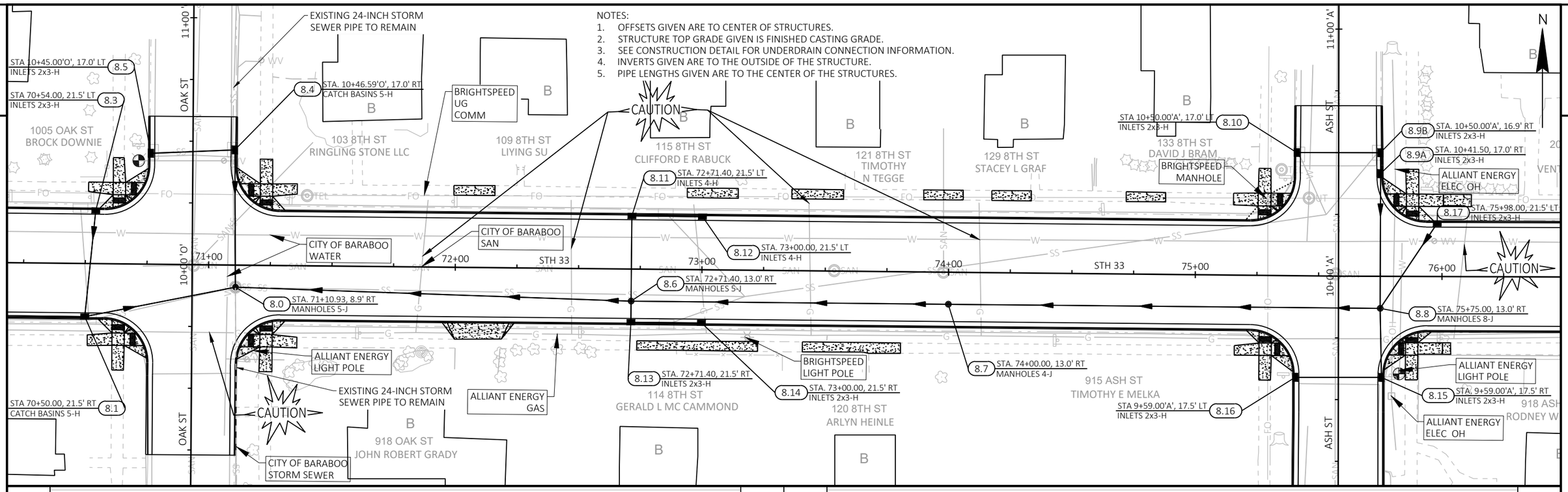
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

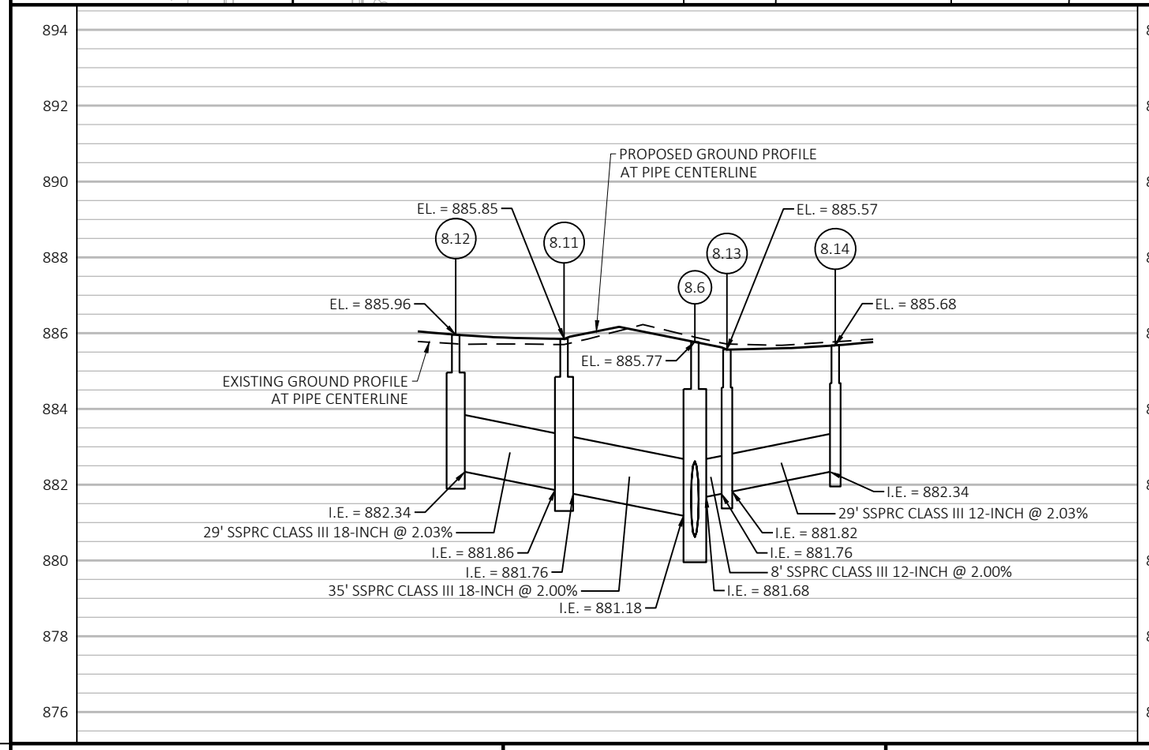


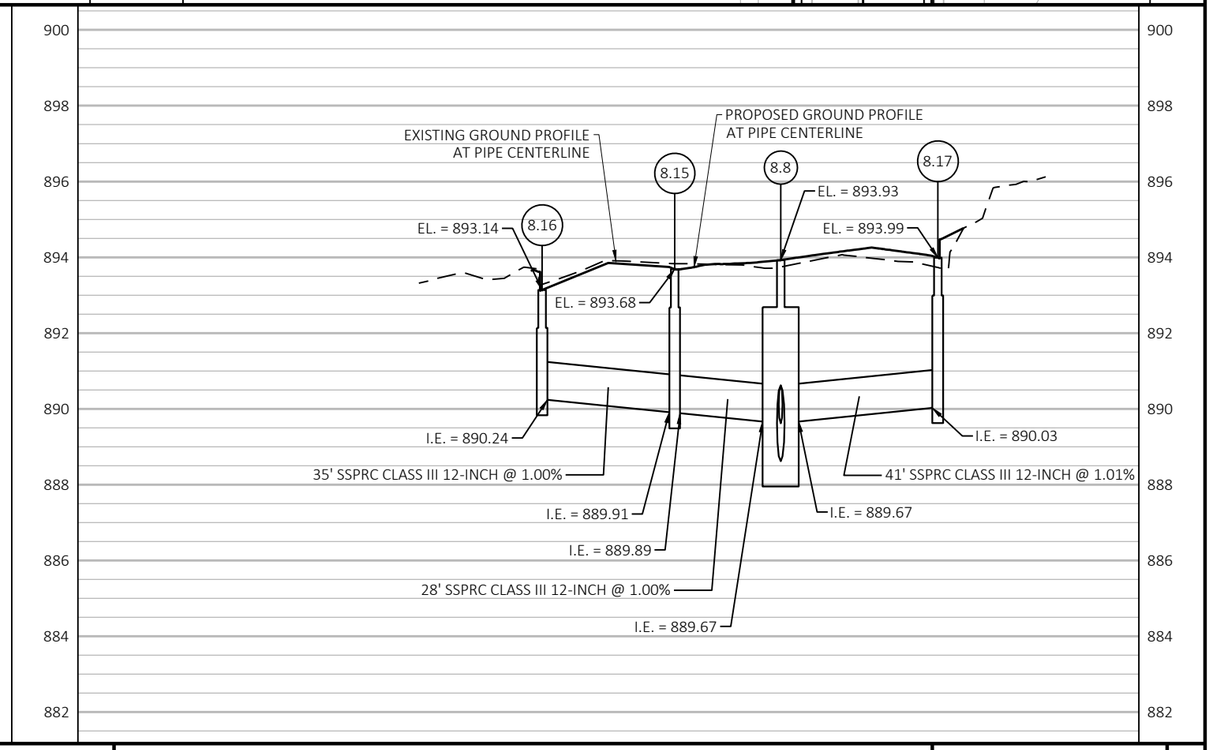


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 158	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



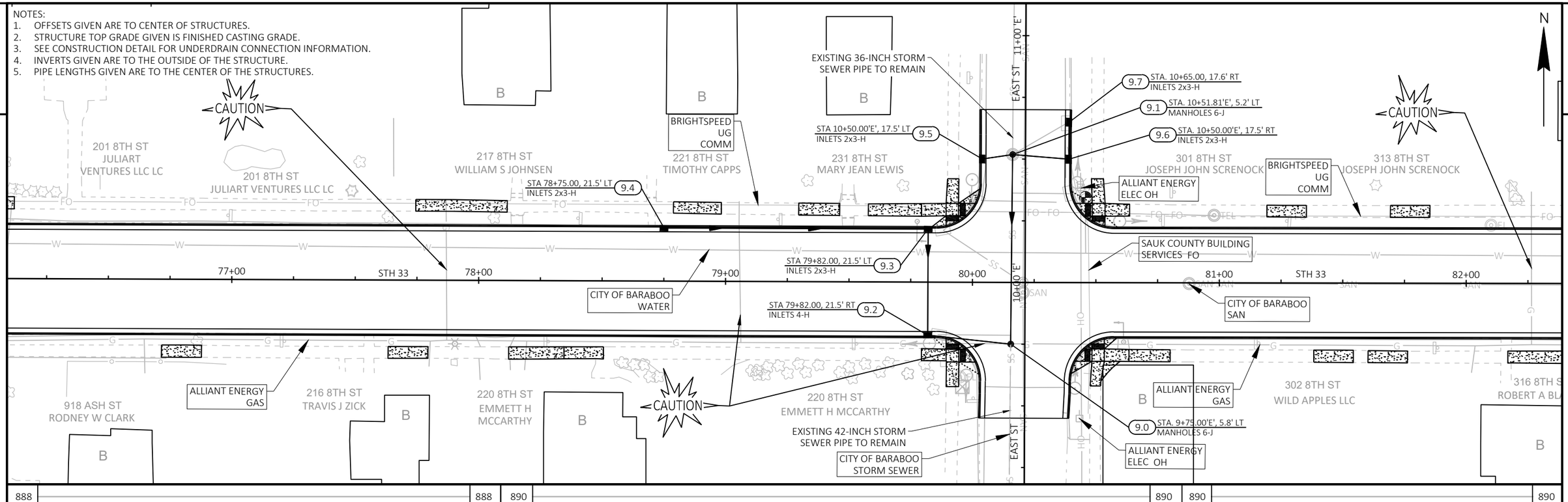


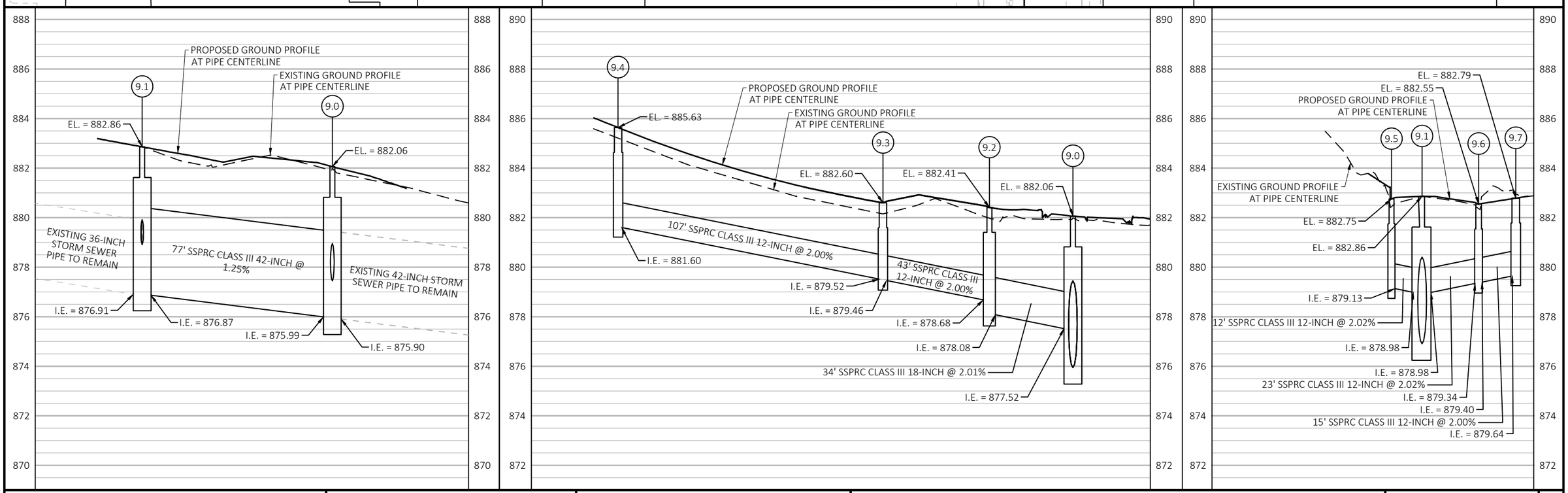


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 159	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022524-SS TO 022527-SS (SS7-SS8).DWG
LAYOUT NAME - 27
PLOT DATE : 5/18/2023 3:36 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

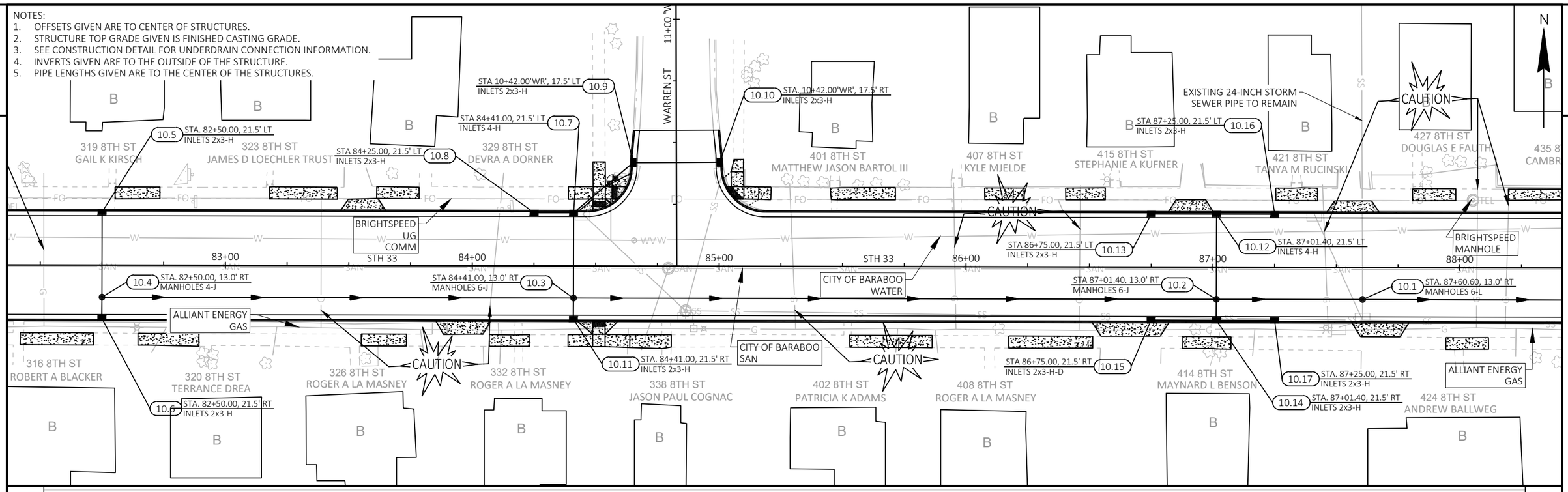


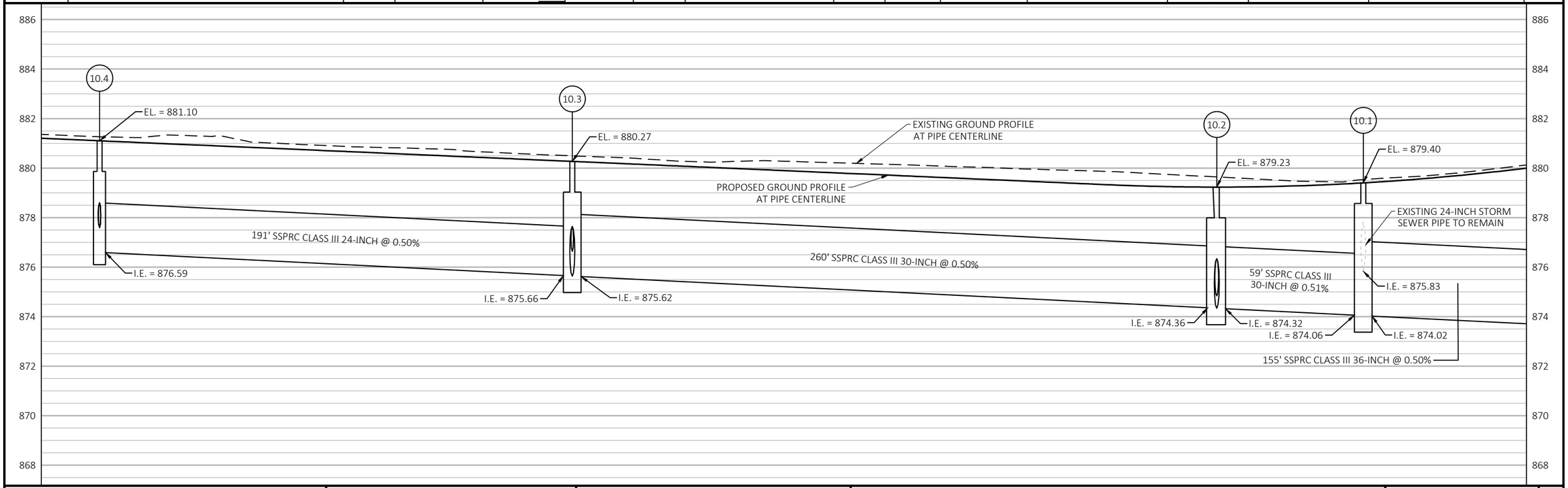


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 160	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022528-SS TO 022531-SS (SS9-SS10).DWG
LAYOUT NAME - 28
PLOT DATE : 4/28/2023 11:37 AM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

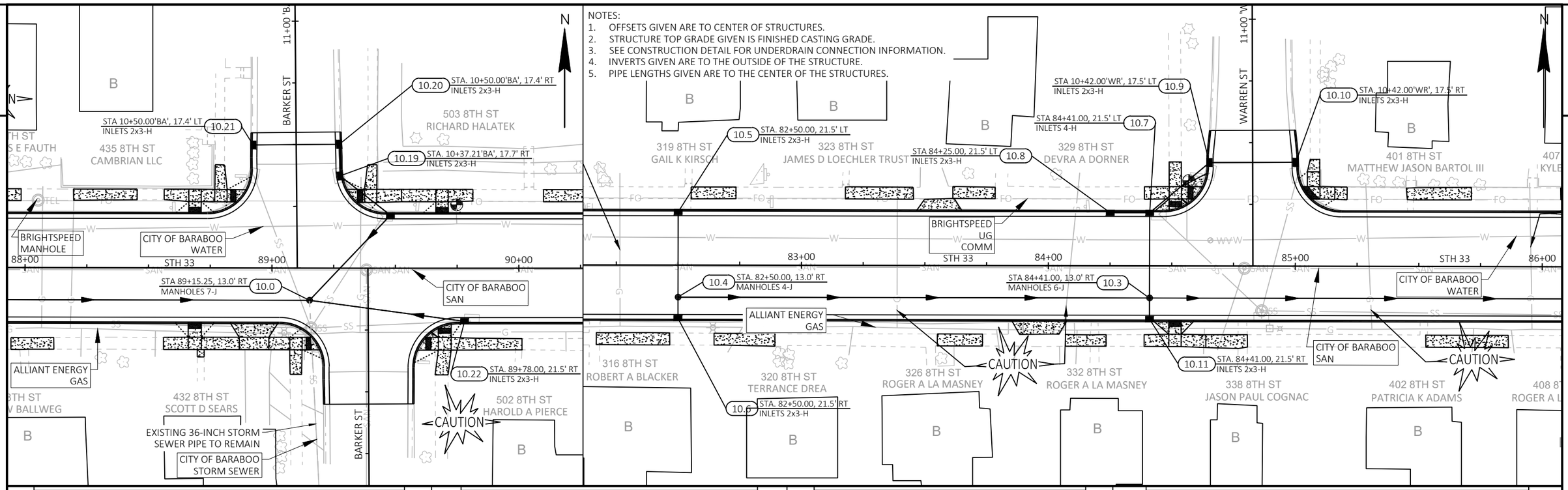
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

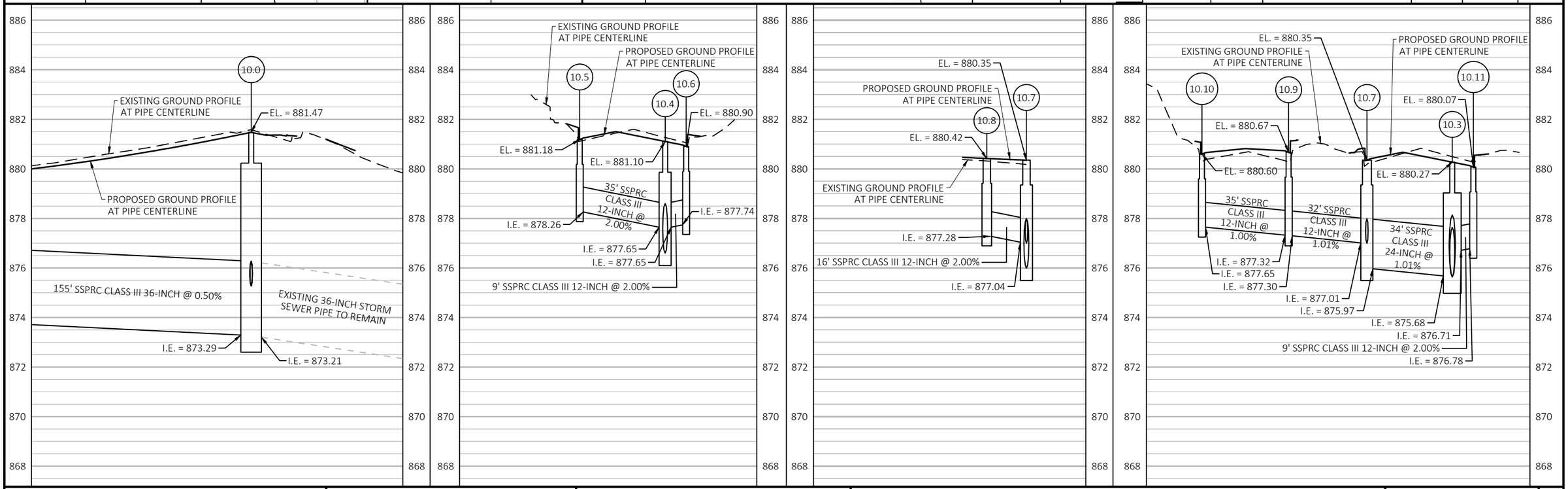




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 161 E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 162	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

N

BARKER ST 11+00 'B

EXISTING 24-INCH STORM SEWER PIPE TO REMAIN

STA 87+25.00, 21.5' LT INLETS 2x3-H 10.16

STA 10+50.00'BA', 17.4' LT INLETS 2x3-H 10.21

10.20 STA. 10+50.00'BA', 17.4' RT INLETS 2x3-H

10.19 STA. 10+37.21'BA', 17.7' RT INLETS 2x3-H

BRIGHTSPEED UG COMM

10.18 STA. 89+48.00, 21.5' LT INLETS 2x3-H

STA 86+75.00, 21.5' LT INLETS 2x3-H 10.13

10.12 STA. 87+01.40, 21.5' LT INLETS 4-H

BRIGHTSPEED MANHOLE

CITY OF BARABOO WATER

STH 33

STA 87+01.40, 13.0' RT MANHOLES 6-J 10.2

10.1 STA. 87+60.60, 13.0' RT MANHOLES 6-L

STA 89+15.25, 13.0' RT MANHOLES 7-J 10.0

CITY OF BARABOO SAN

ALLIANT ENERGY GAS

STA 86+75.00, 21.5' RT INLETS 2x3-H-D 10.15

10.17 STA. 87+25.00, 21.5' RT INLETS 2x3-H

10.14 STA. 87+01.40, 21.5' RT INLETS 2x3-H

ALLIANT ENERGY GAS

10.22 STA. 89+78.00, 21.5' RT INLETS 2x3-H

EXISTING 36-INCH STORM SEWER PIPE TO REMAIN

CITY OF BARABOO STORM SEWER

407 8TH ST KYLE MJELDE

415 8TH ST STEPHANIE A KUFNER

421 8TH ST TANYA M RUCINSKI

427 8TH ST DOUGLAS E FAUTH

435 8TH ST CAMBRIAN LLC

503 8TH ST RICHARD HALATEK

505 8TH ST JARED J GROSINSKE

507 8TH ST JEREMY M CLARK

513 8TH ST LOGAN SZOPINSKI

408 8TH ST OGER A LA MASNEY

414 8TH ST MAYNARD L BENSON

424 8TH ST ANDREW BALLWEG

432 8TH ST SCOTT D SEARS

502 8TH ST HAROLD A PIERCE

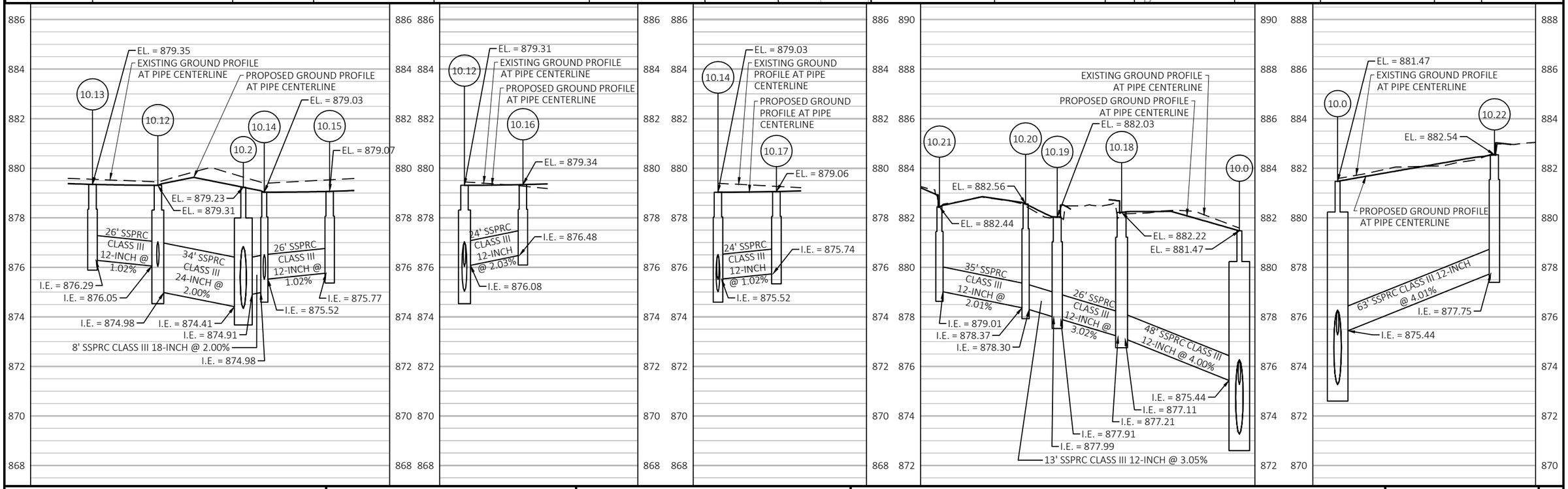
508 8TH ST ERNEST E FINKLEA

510 8TH ST BETTY L KRUEGER

512 8TH ST PAMELA K BRED

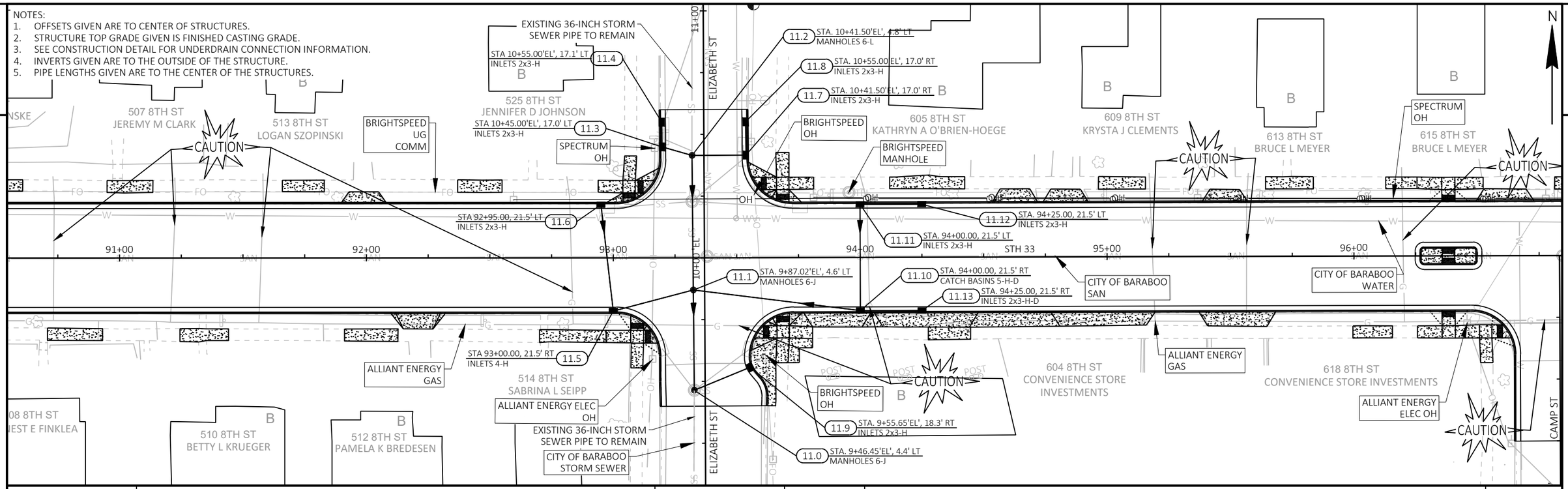
CAUTION

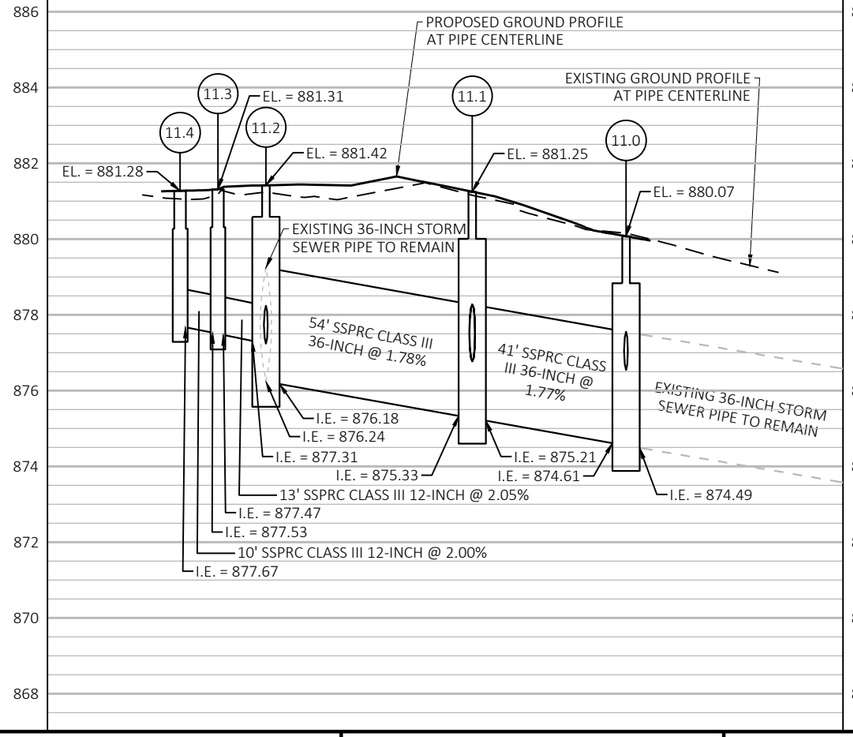
86+00 87+00 88+00 89+00 90+00 91+00 92+00

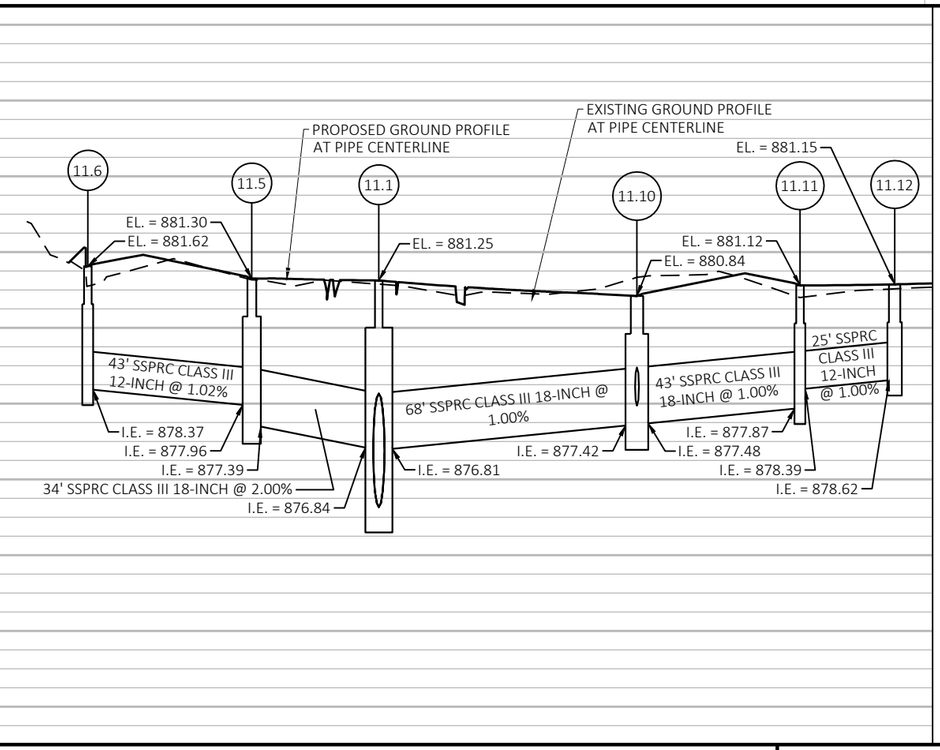


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 163	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

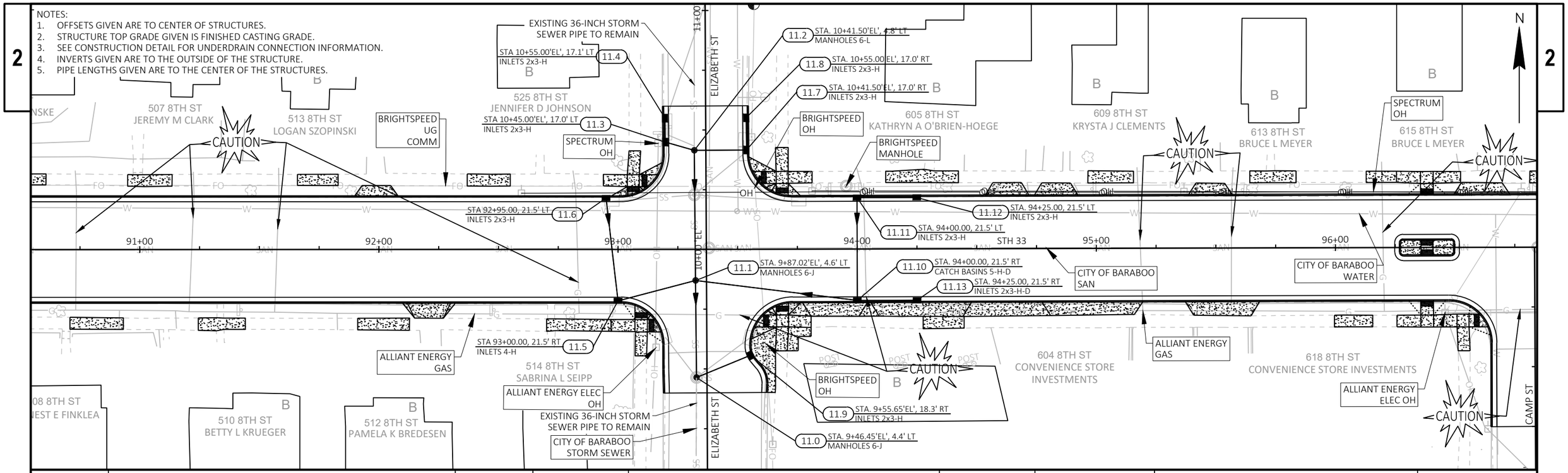


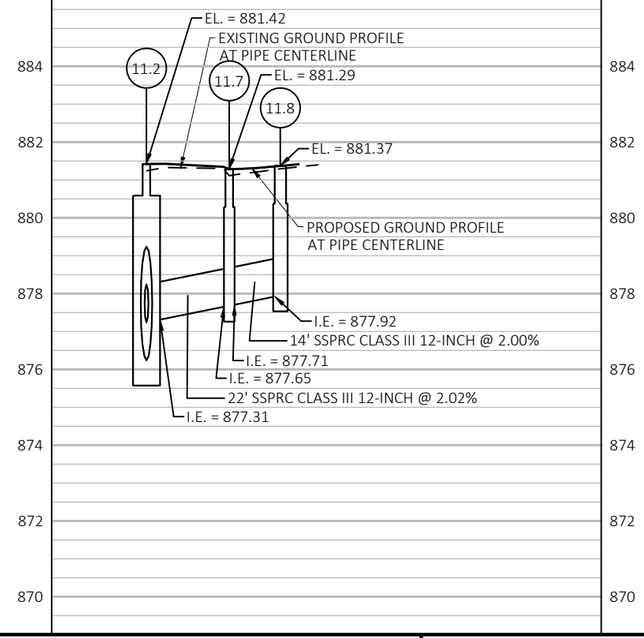


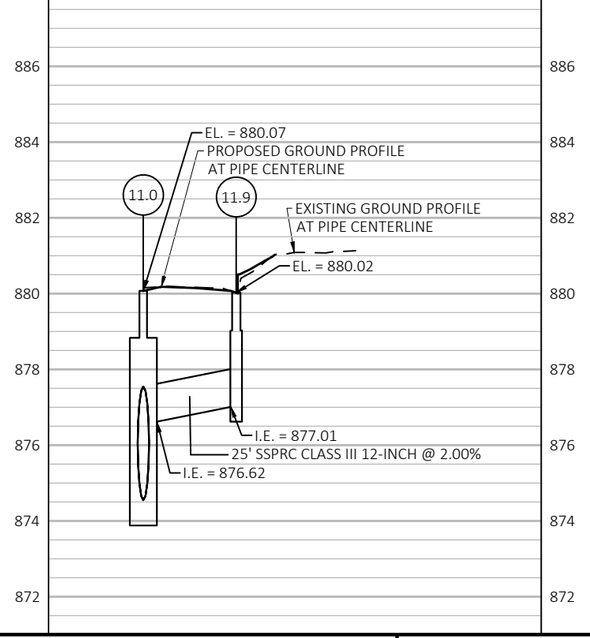


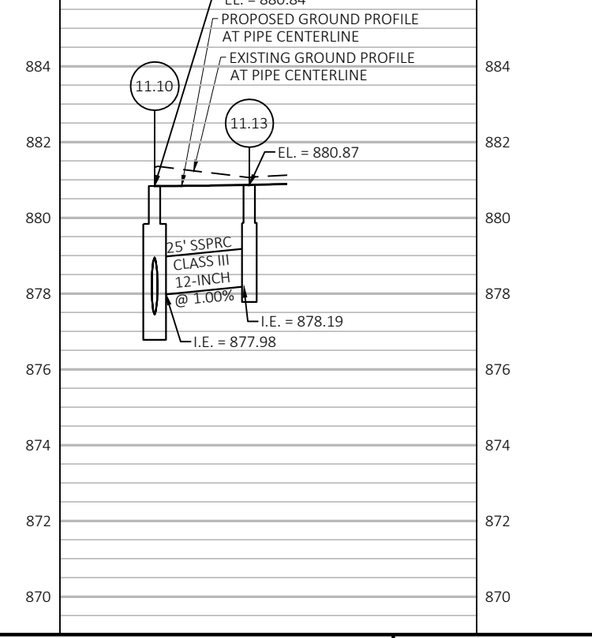
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 164	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



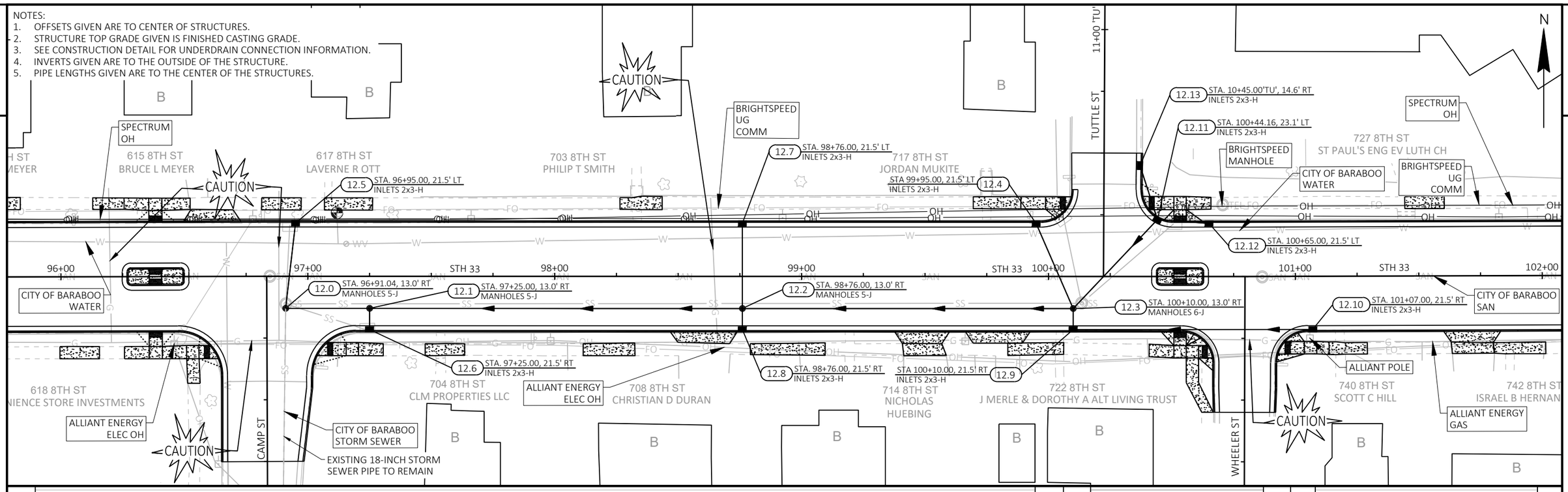


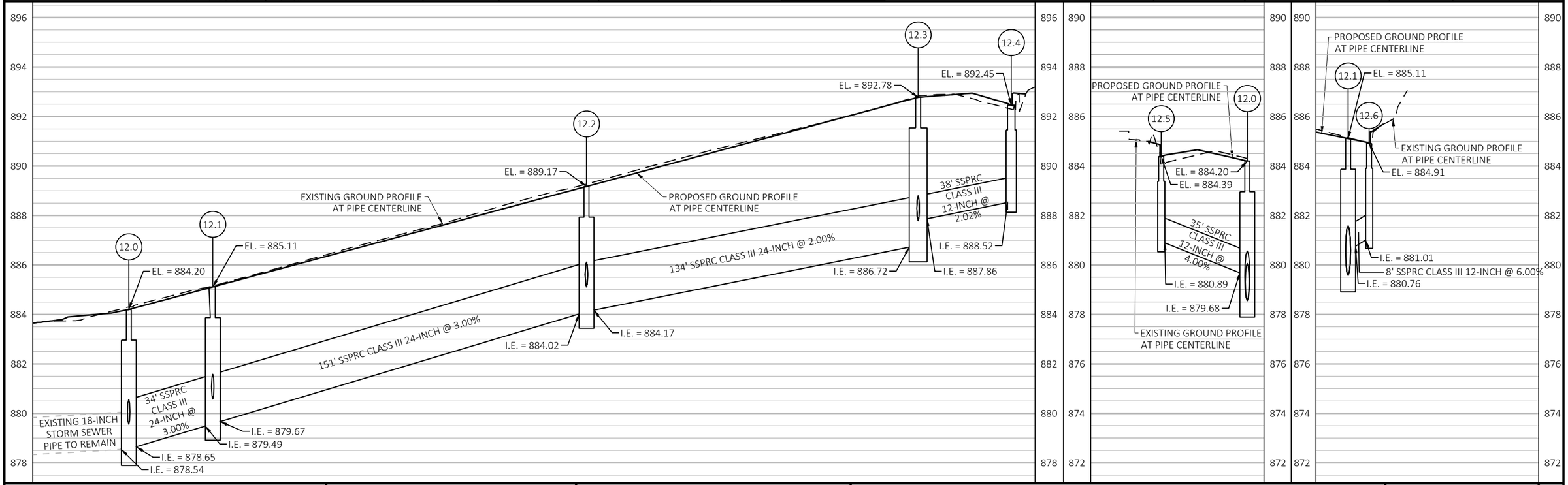




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 165	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

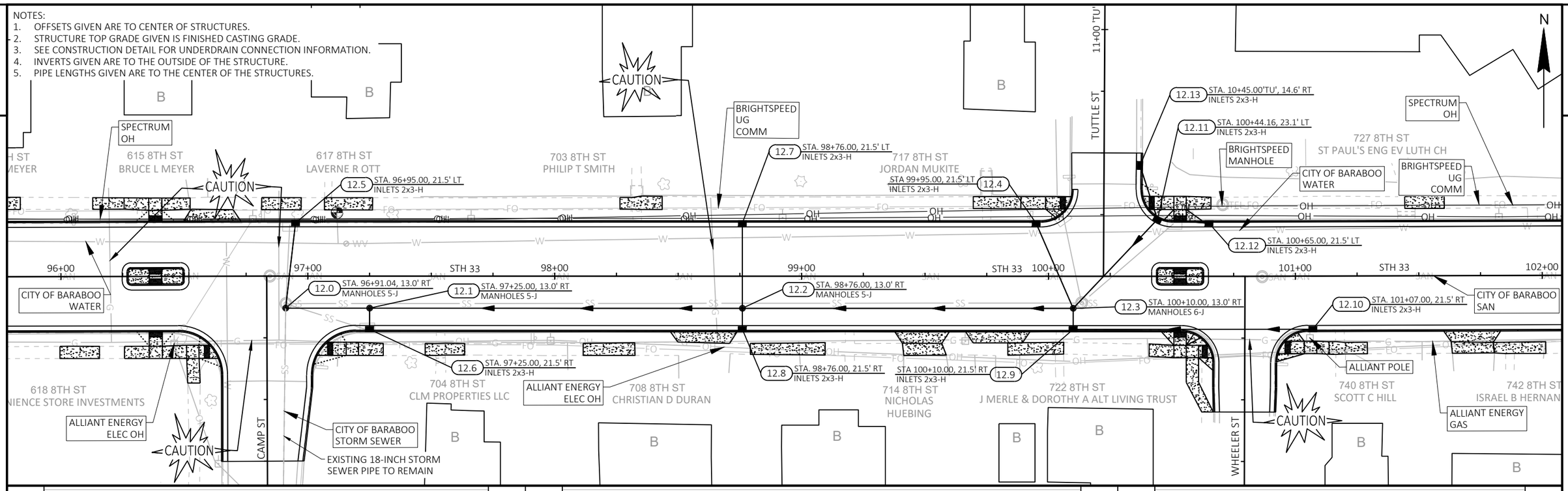


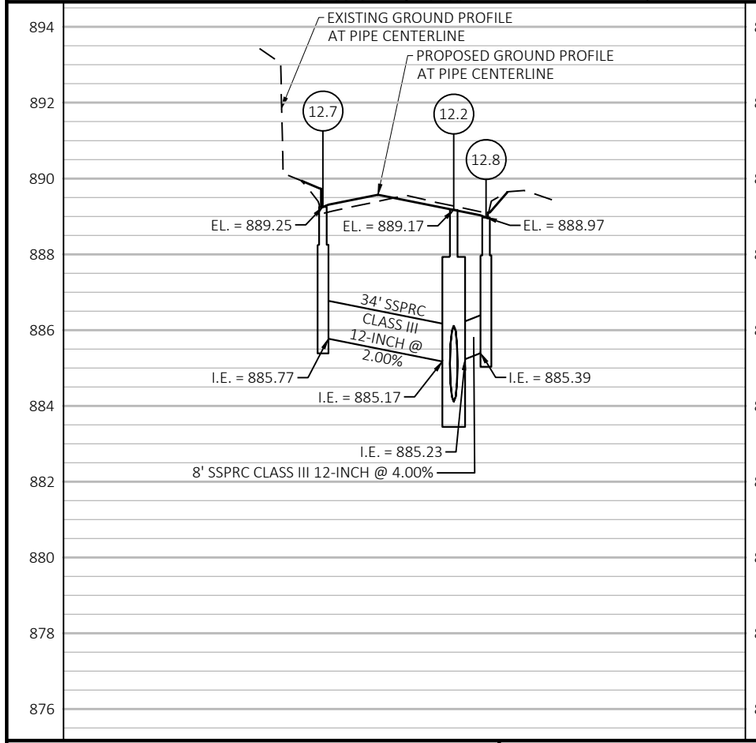


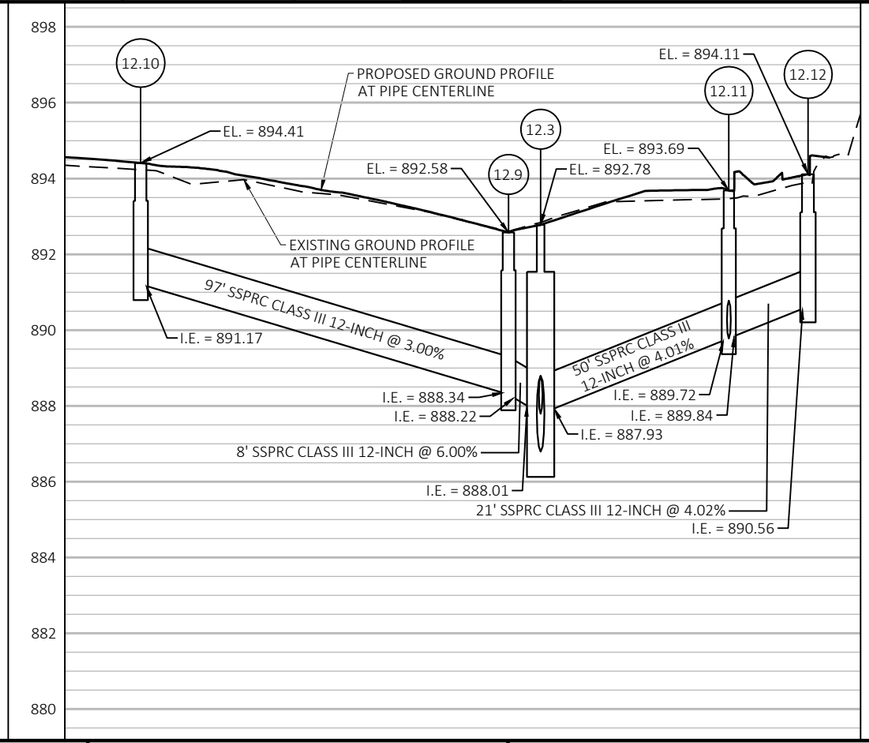
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 166	E

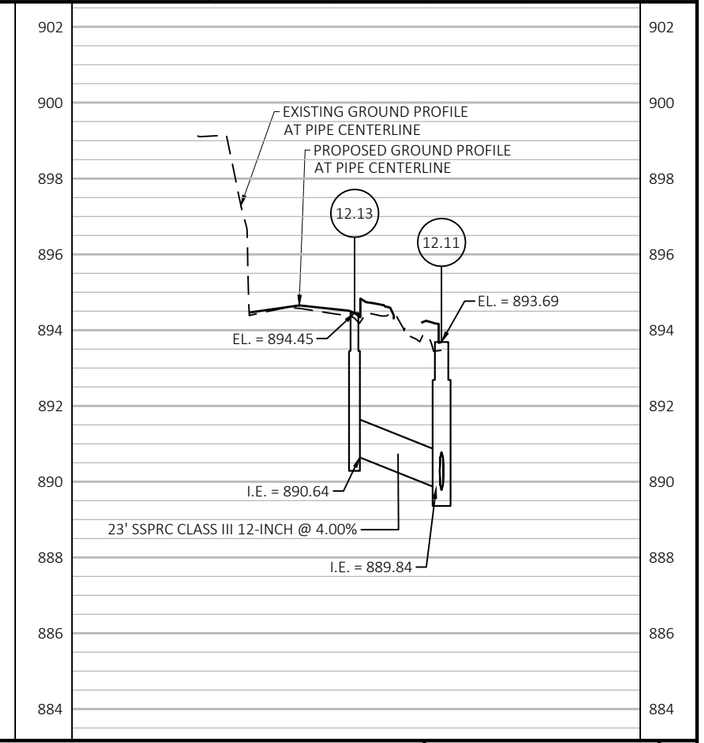
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022532-SS TO 022535-SS (SS11-SS12).DWG
LAYOUT NAME - 34
PLOT DATE : 4/28/2023 11:34 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : ##########

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.





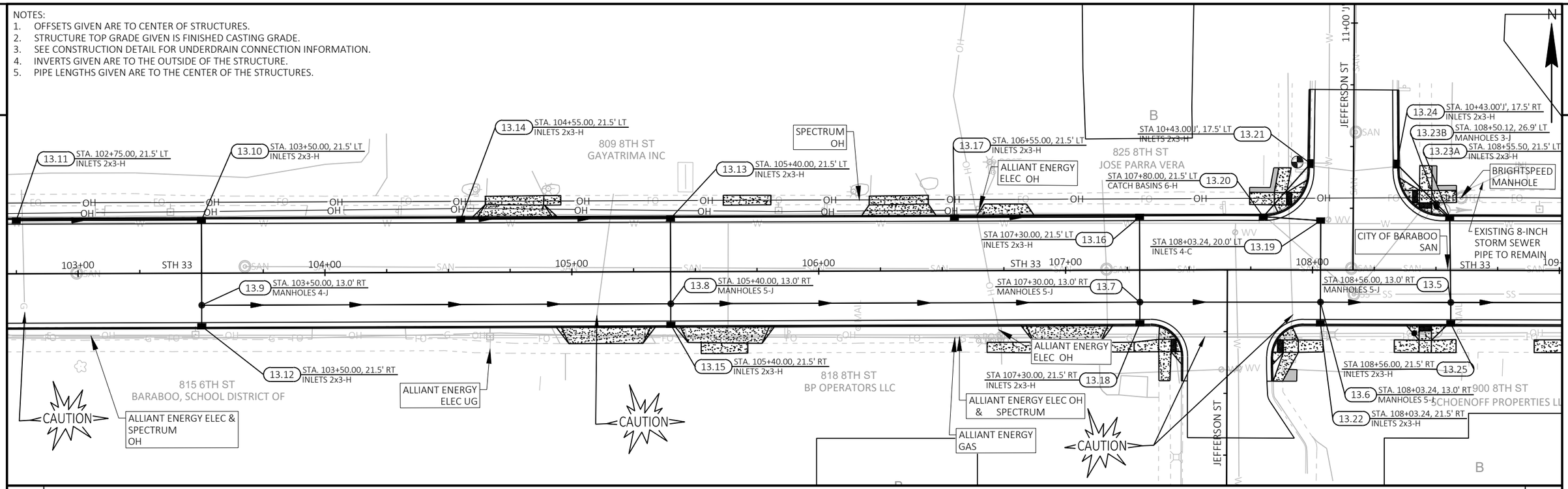


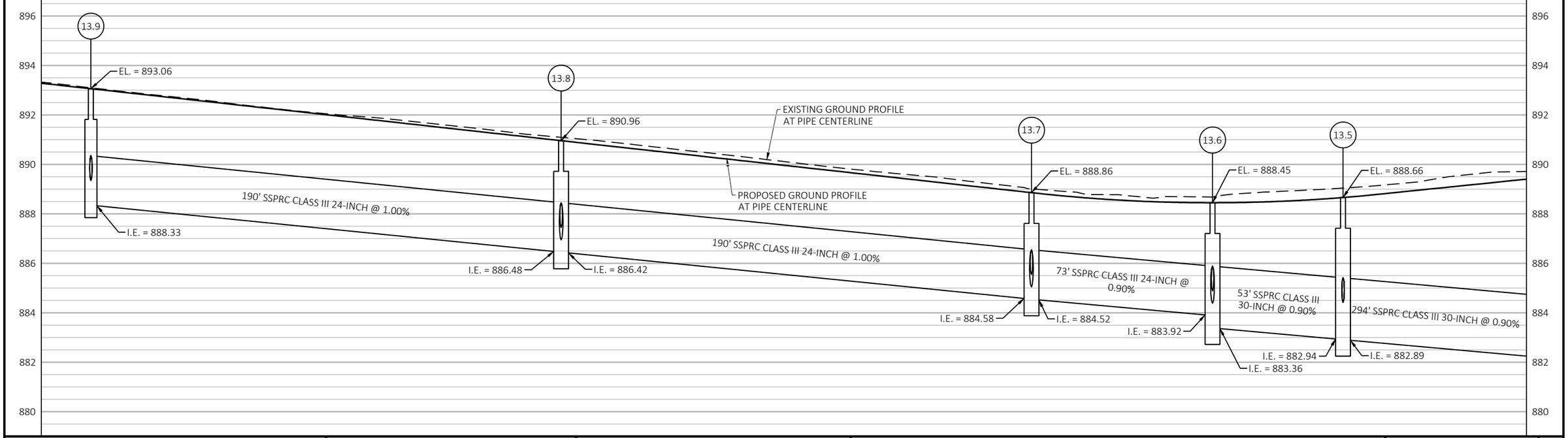


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 167	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022532-SS TO 022535-SS (SS11-SS12).DWG
LAYOUT NAME - 35
PLOT DATE : 4/28/2023 11:35 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

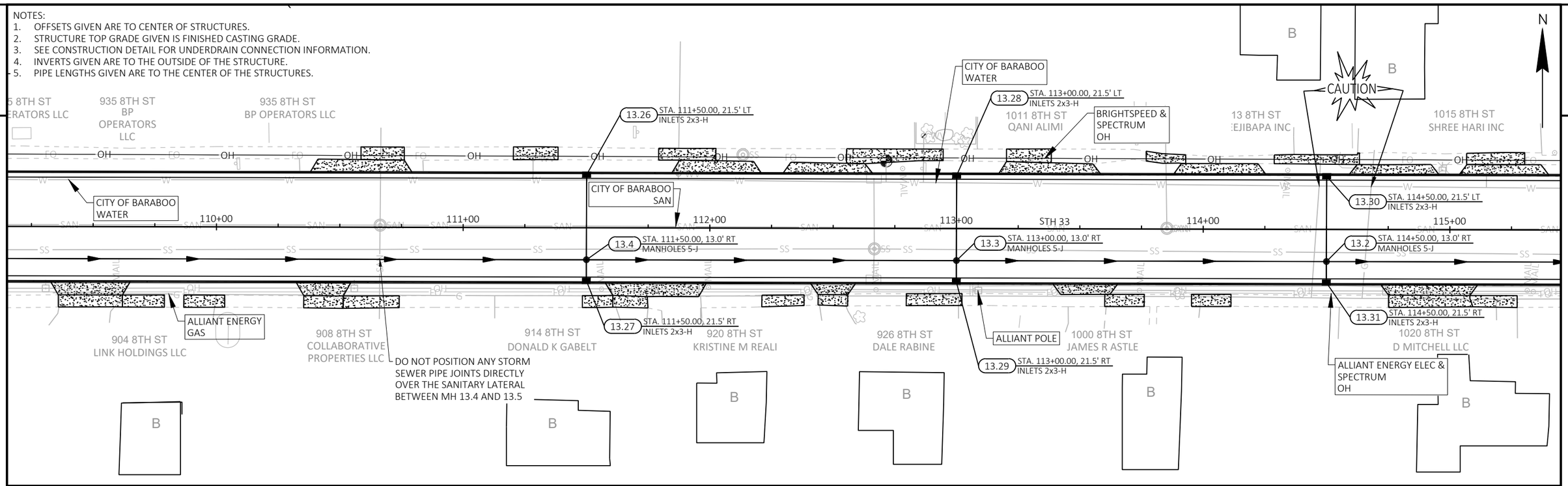


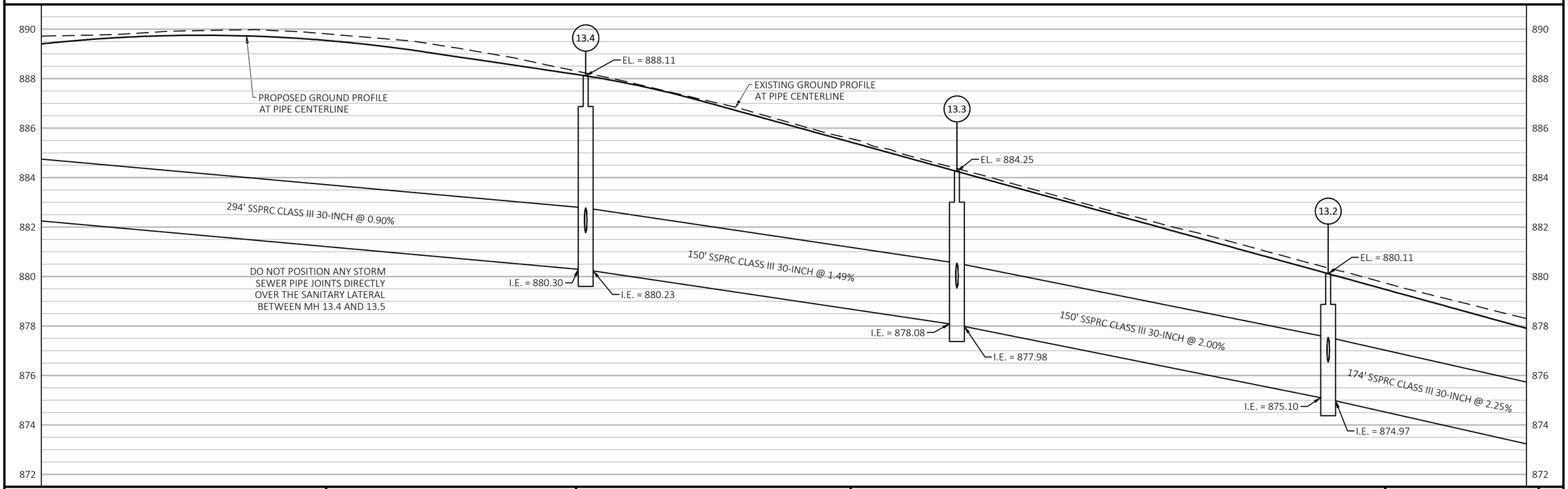


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 168	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022536-SS TO 022541-SS (SS13-SS14).DWG
LAYOUT NAME - 36
PLOT DATE : 4/28/2023 11:25 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

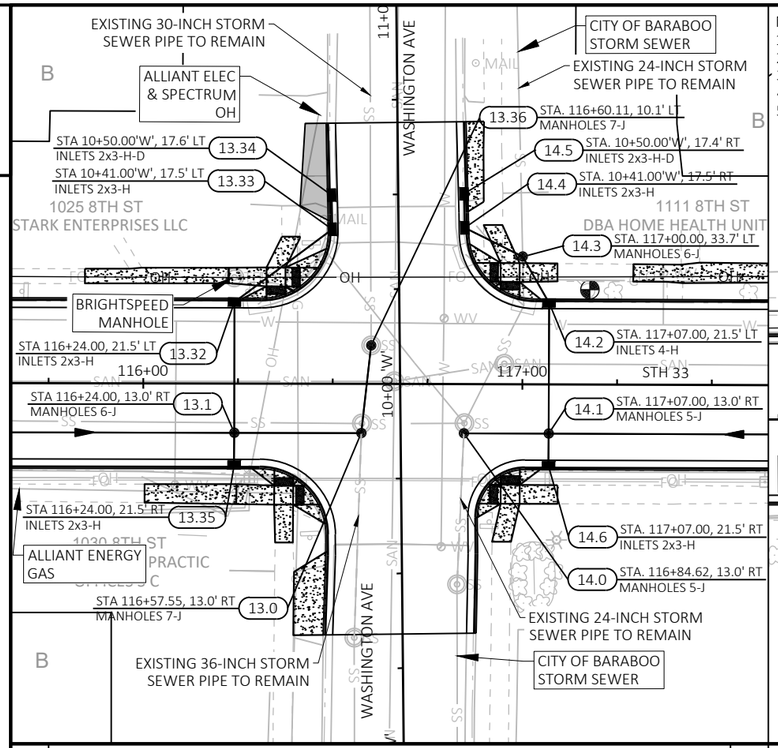


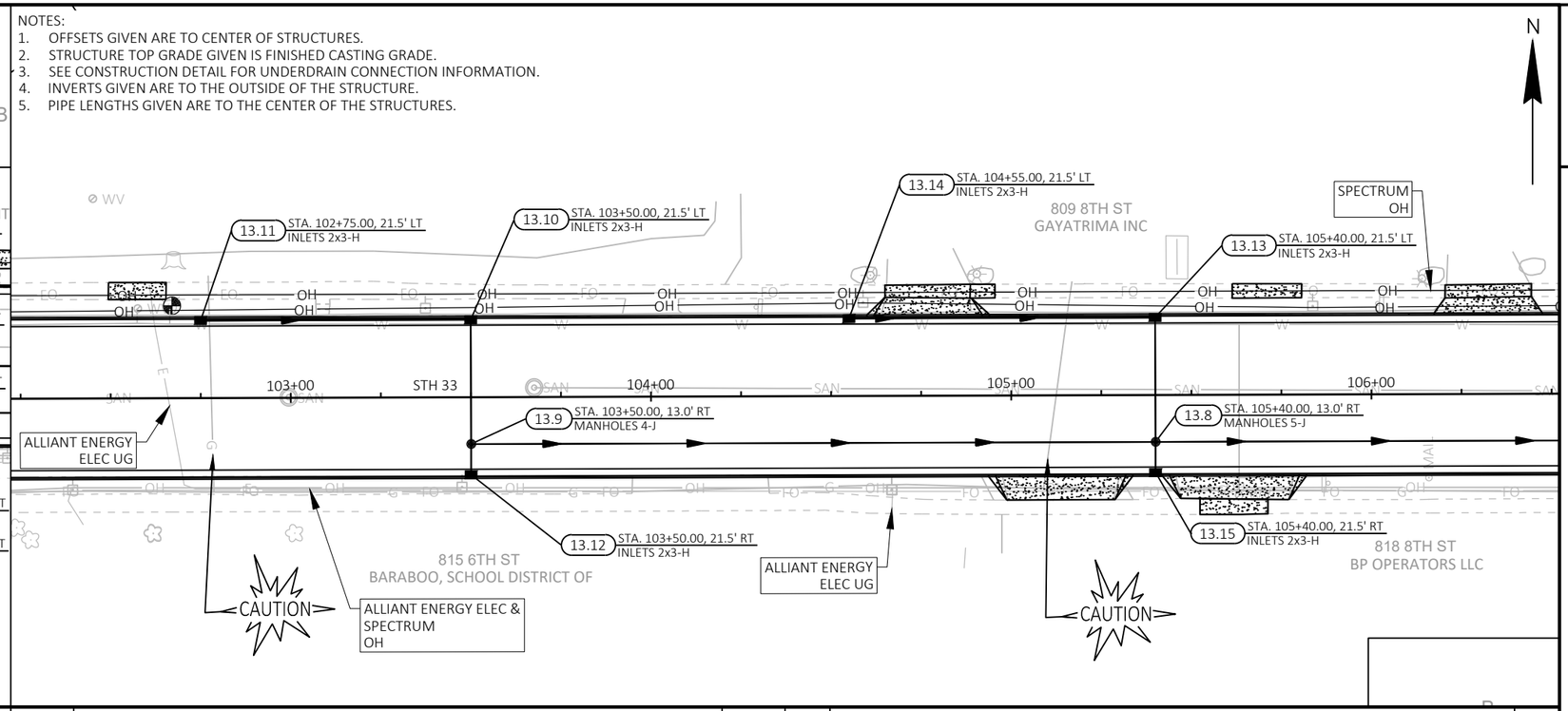


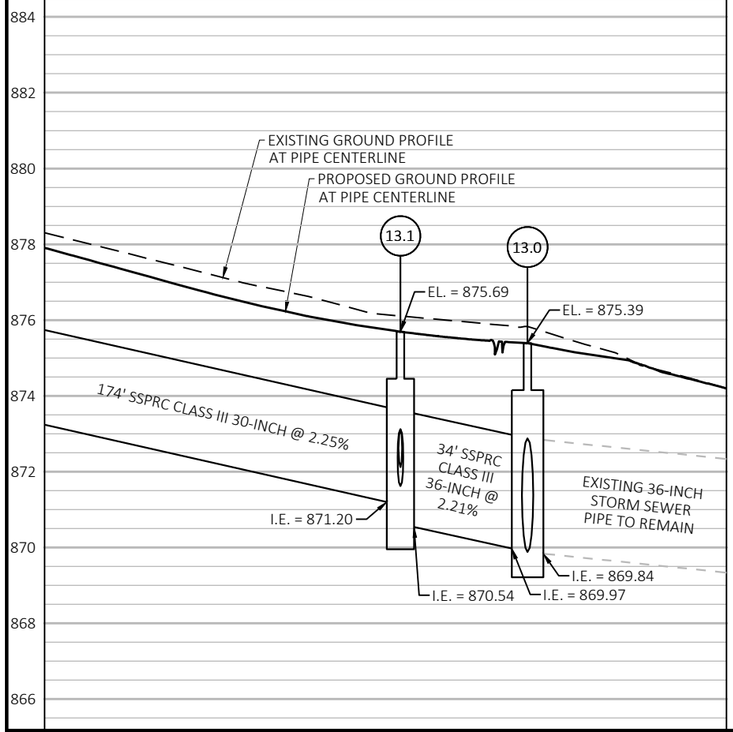
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 169 E

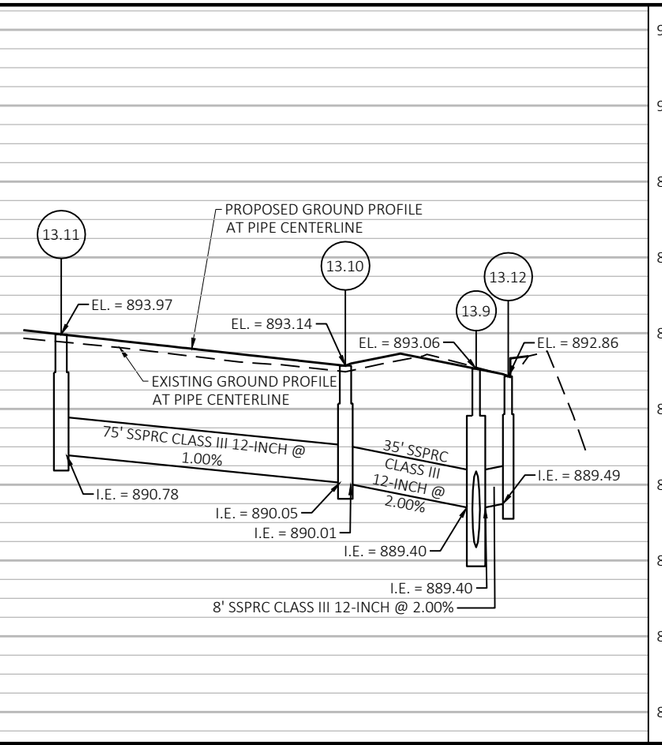
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022536-SS TO 022541-SS (SS13-SS14).DWG
LAYOUT NAME - 37
PLOT DATE : 4/28/2023 11:25 AM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

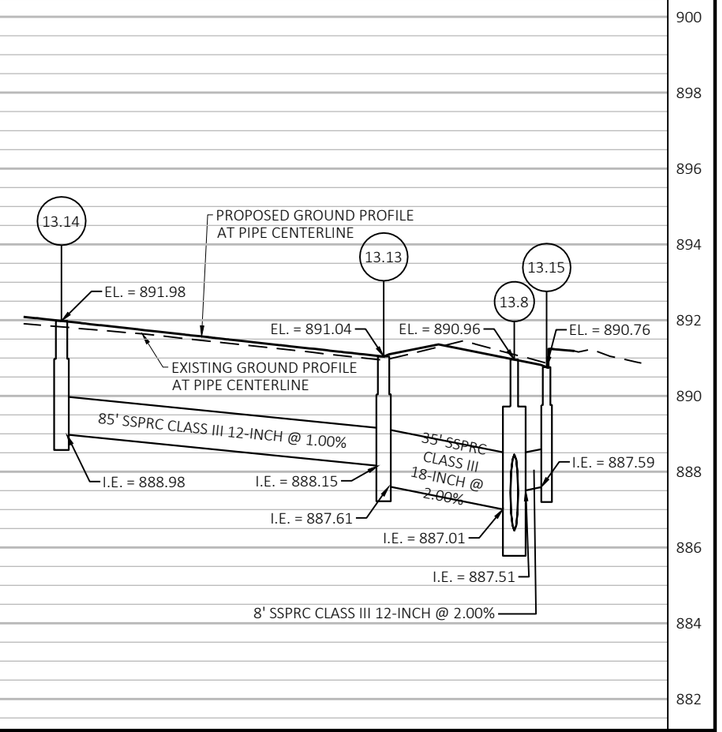
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.





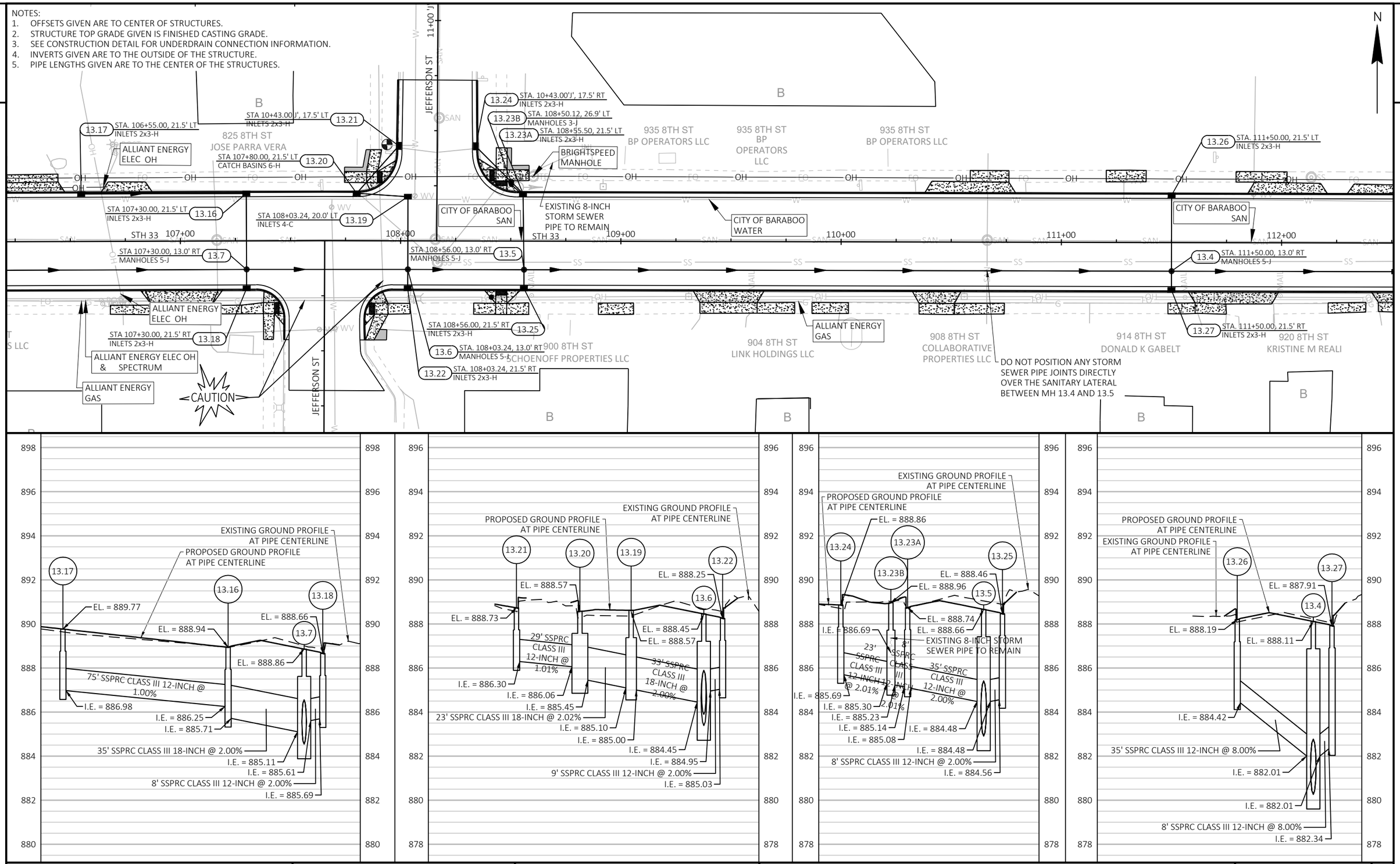






PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 170	E

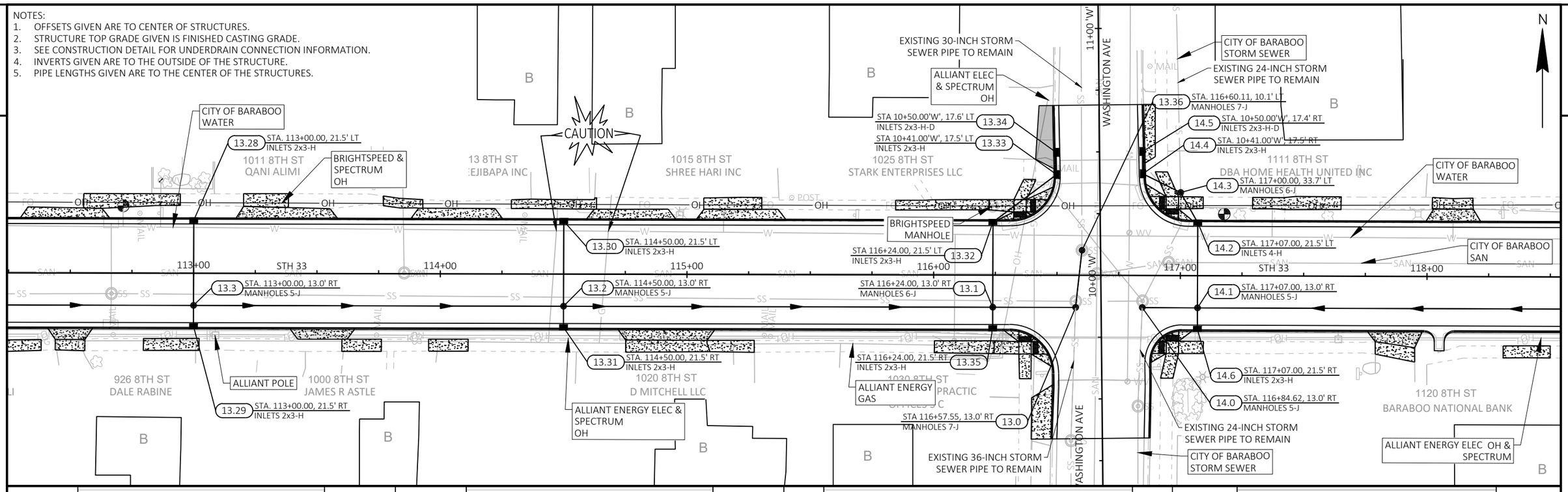
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

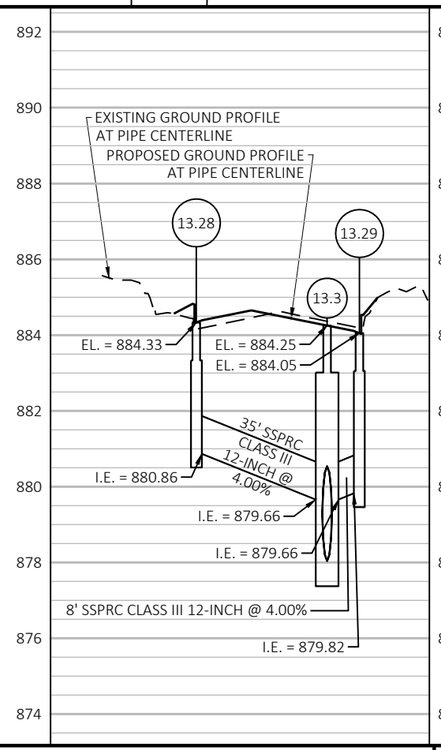


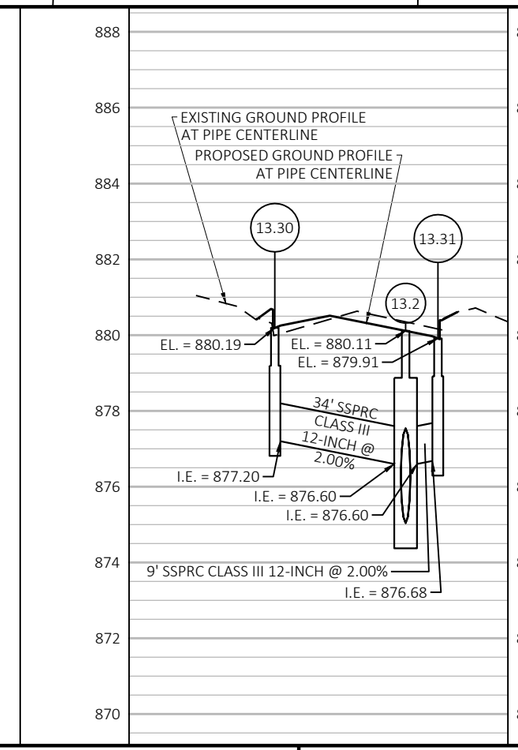
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 171	E

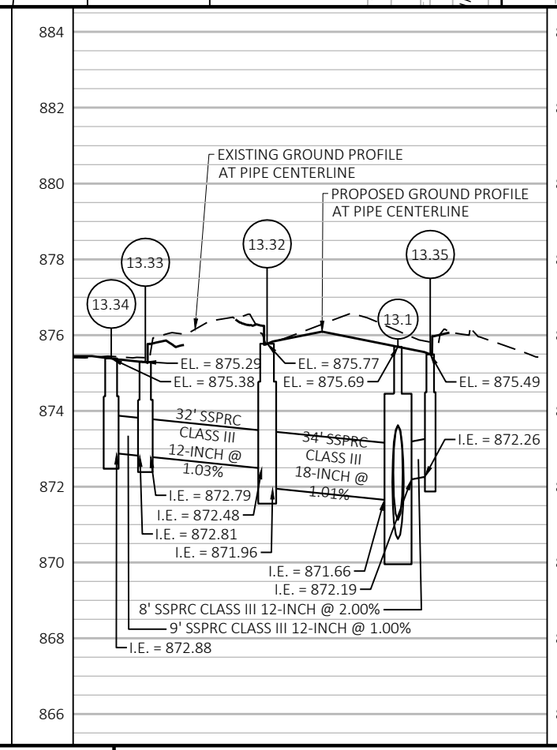
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022536-SS TO 022541-SS (SS13-SS14).DWG
LAYOUT NAME - 39
PLOT DATE : 4/29/2023 5:25 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

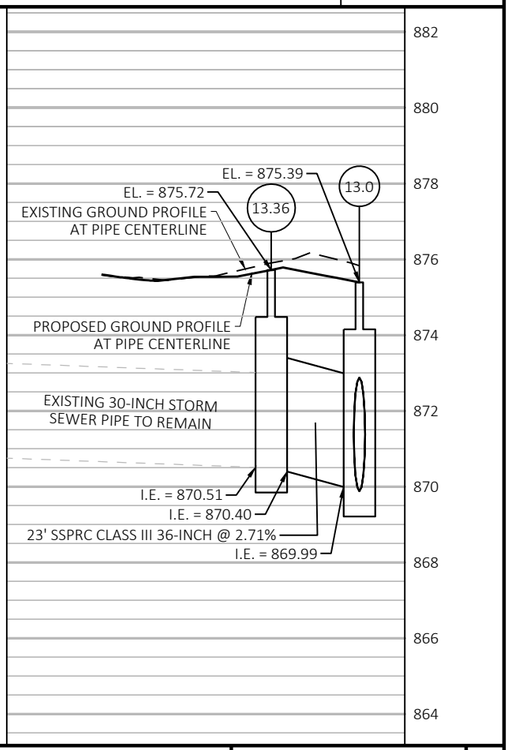
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.





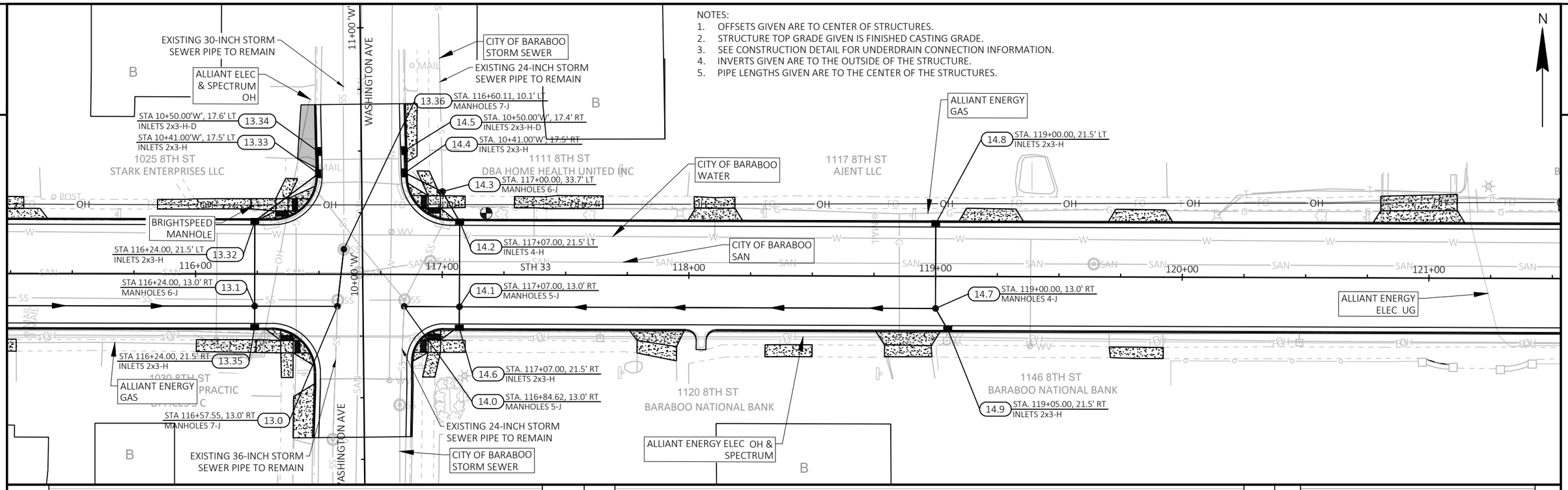


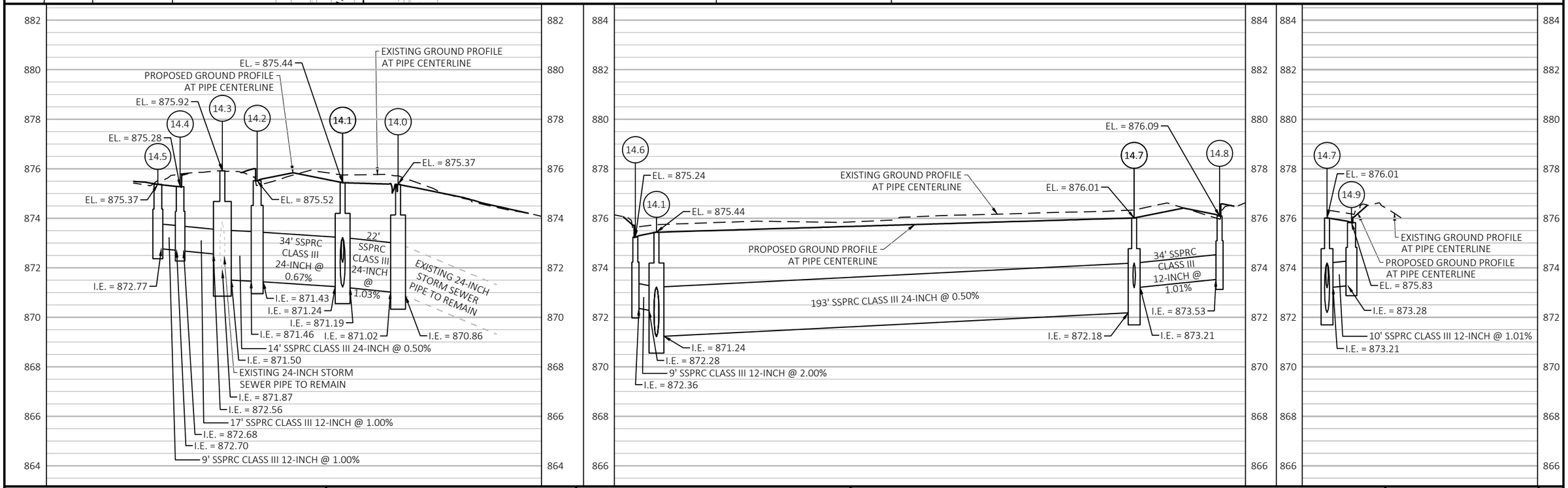




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 172	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

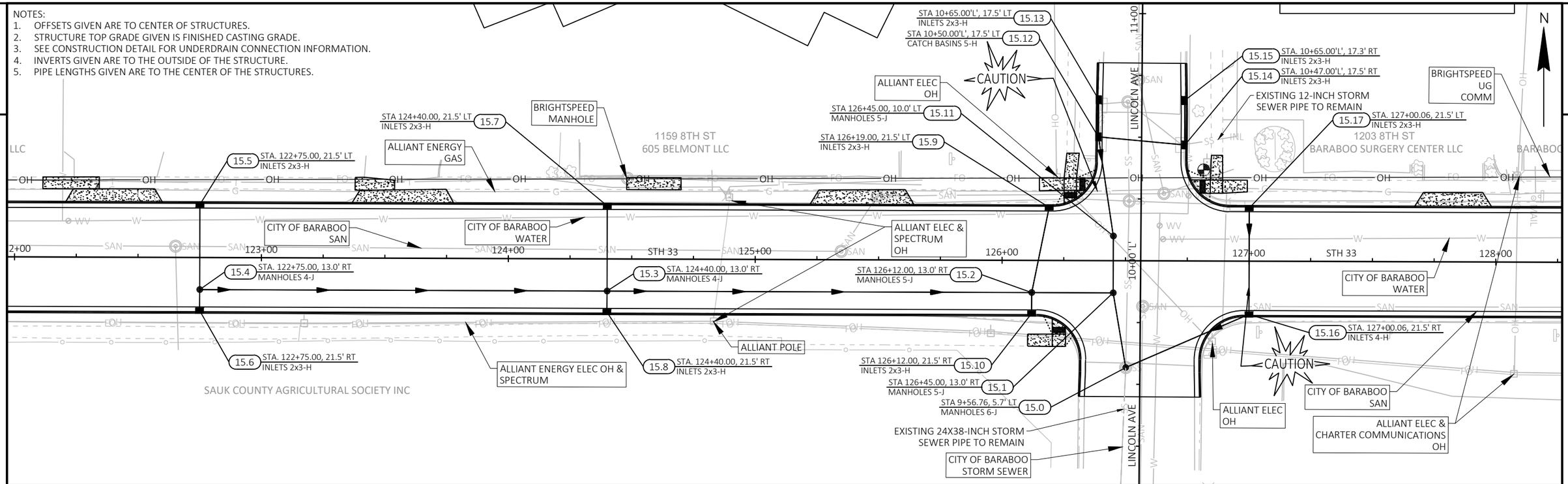


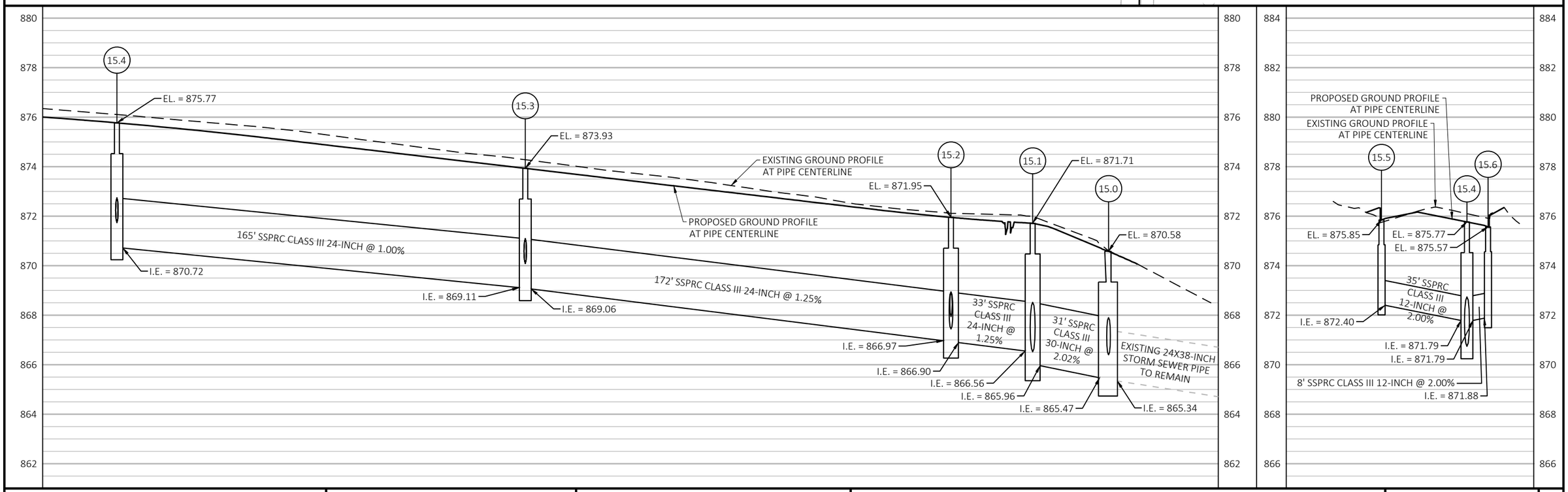


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 173	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\022536-SS TO 022541-SS (SS13-SS14).DWG
LAYOUT NAME - 41
PLOT DATE : 4/28/2023 11:28 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

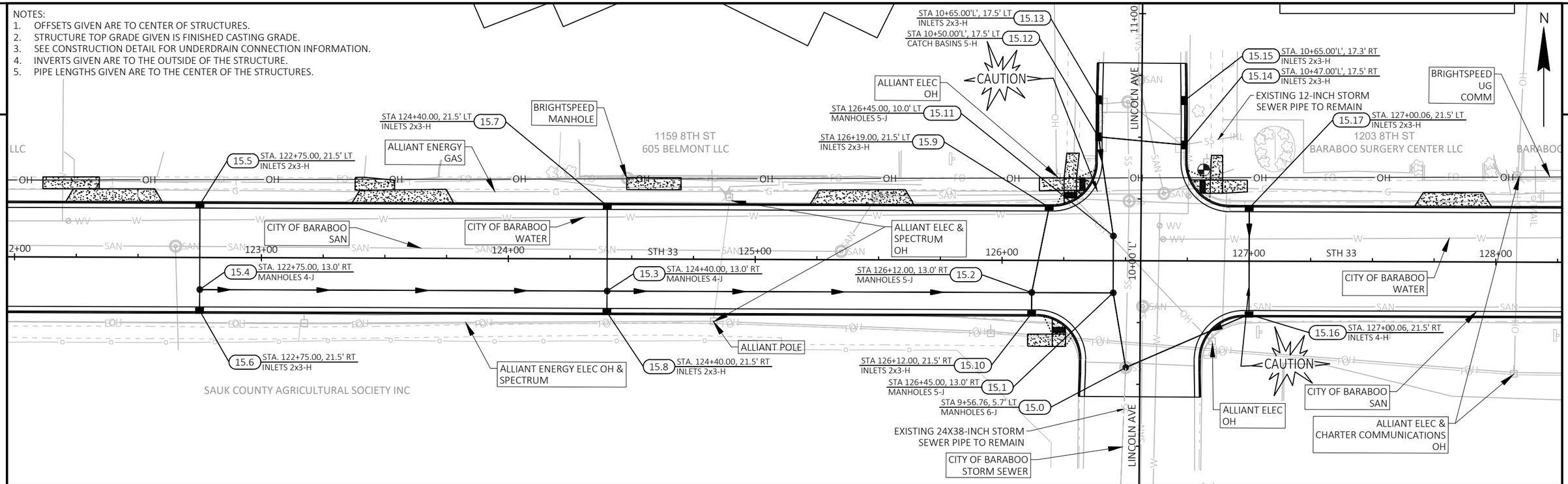
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

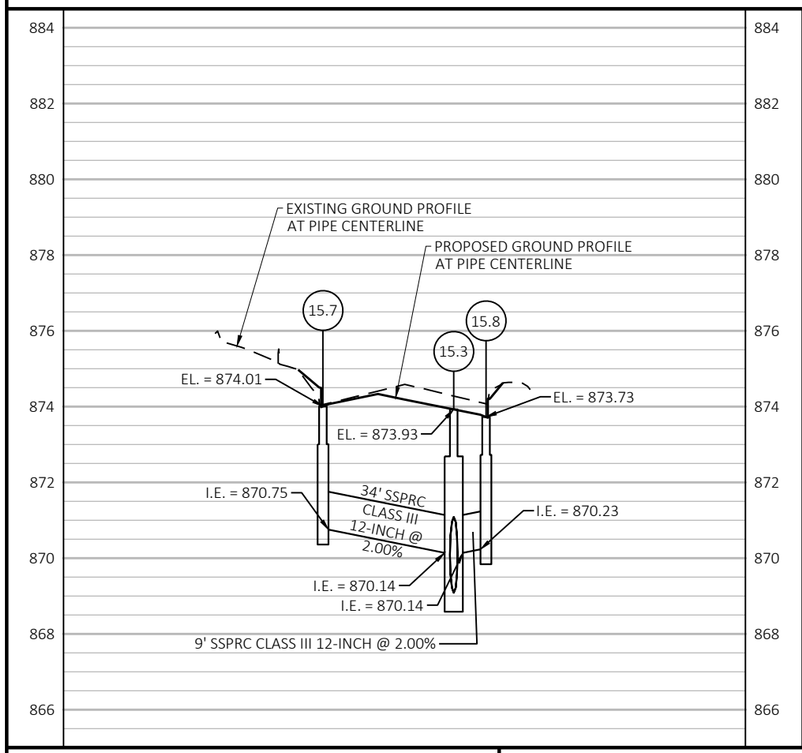


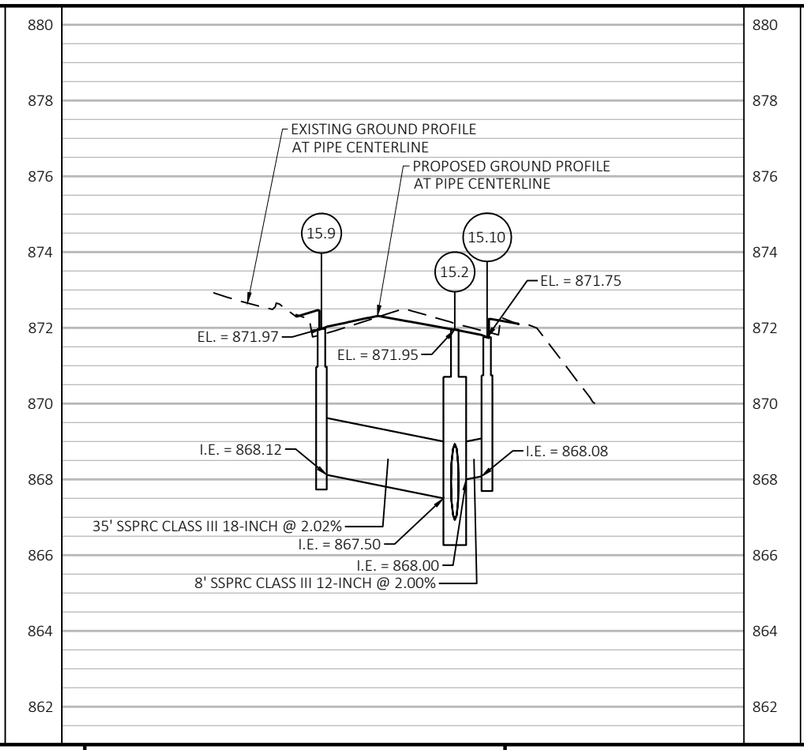


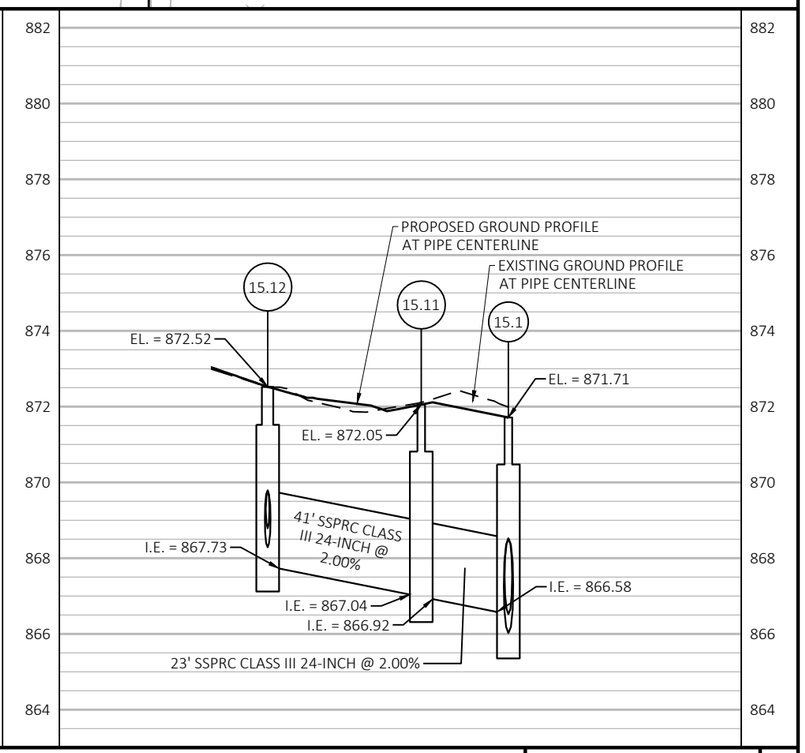
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 174	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.



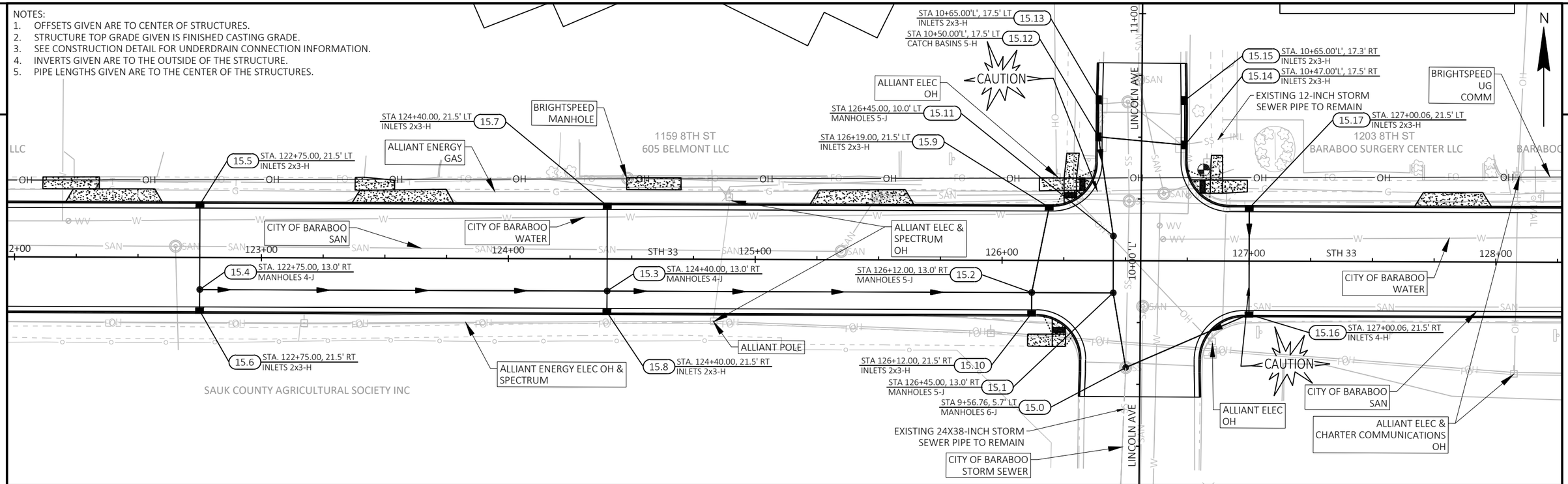


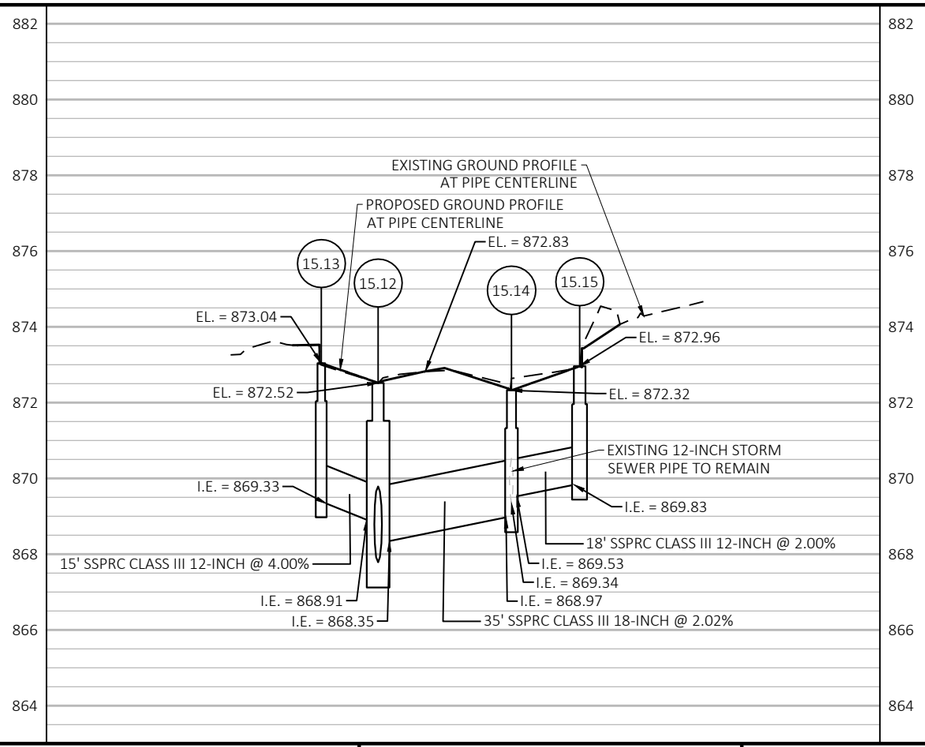


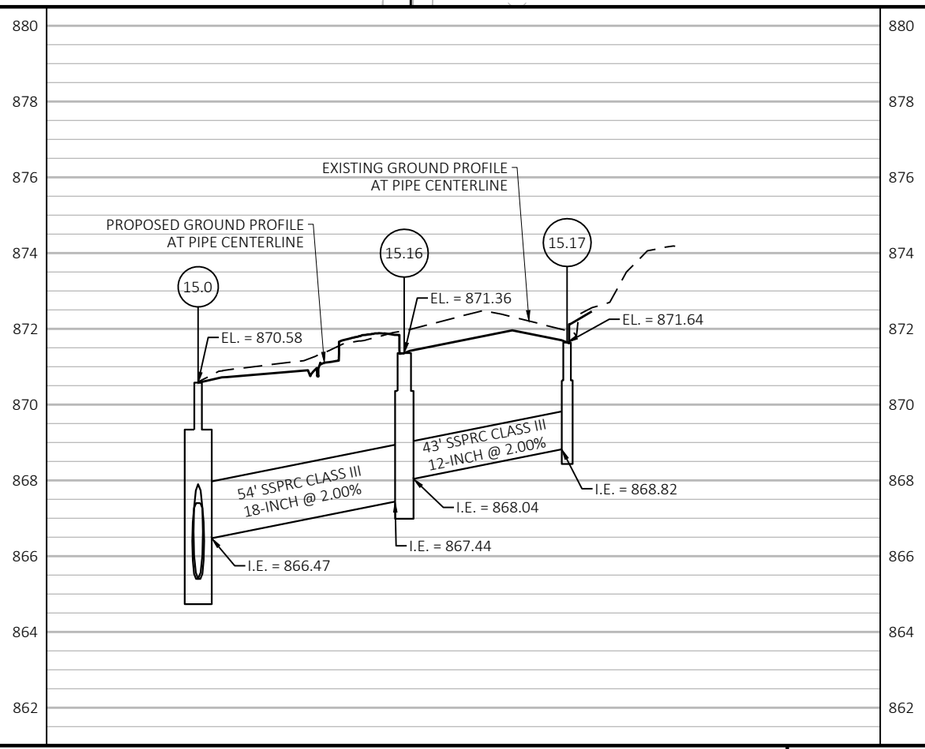


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 175	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

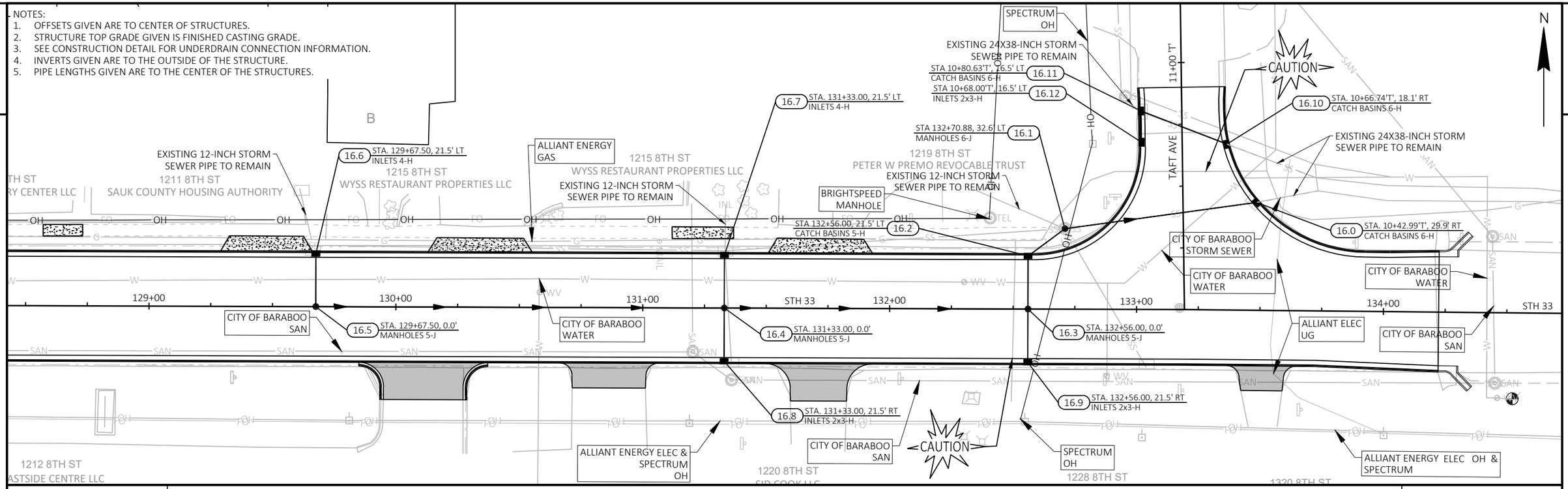


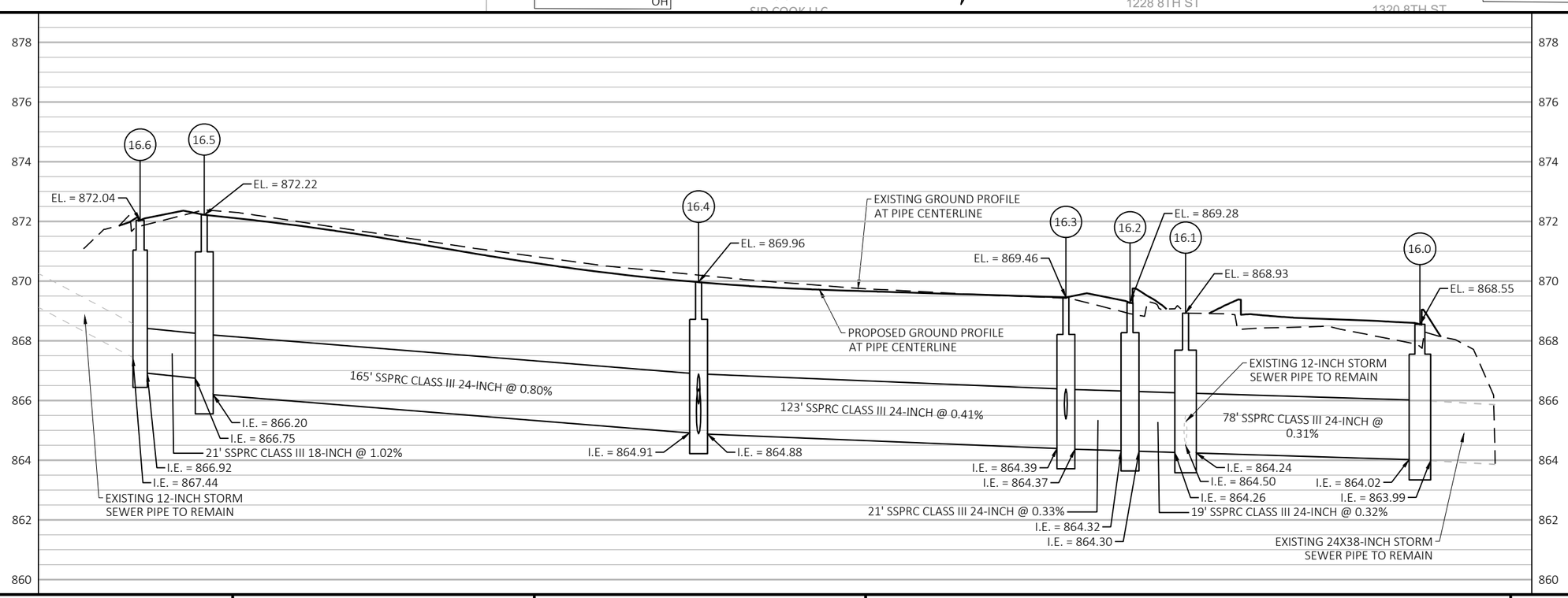




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 176	E

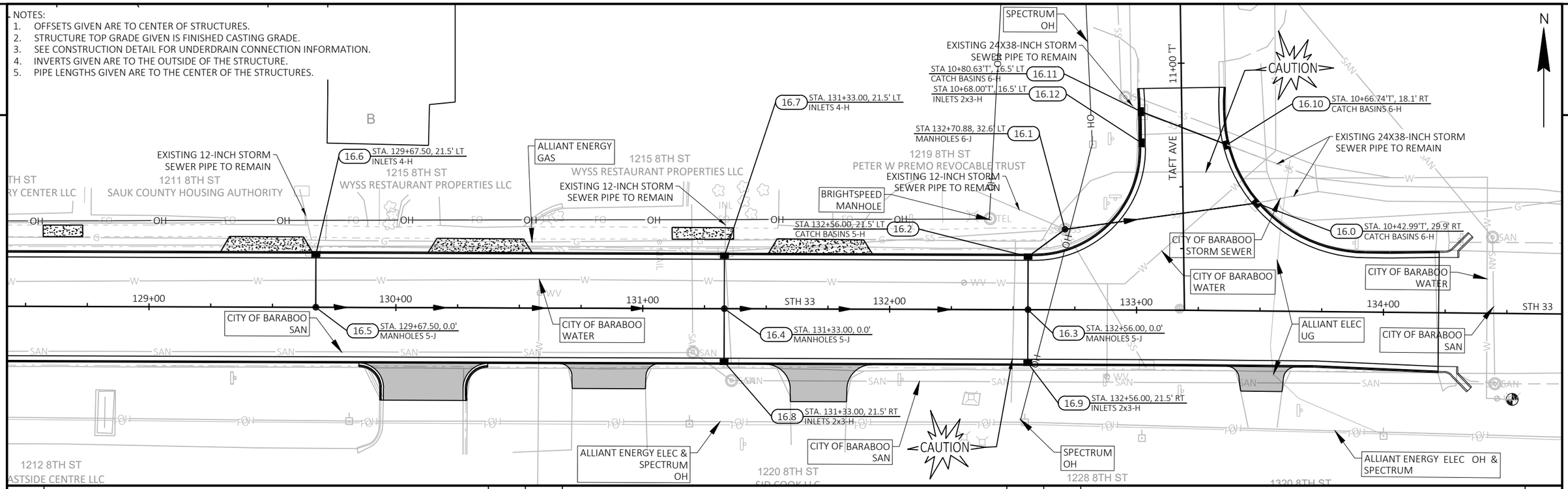
NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.

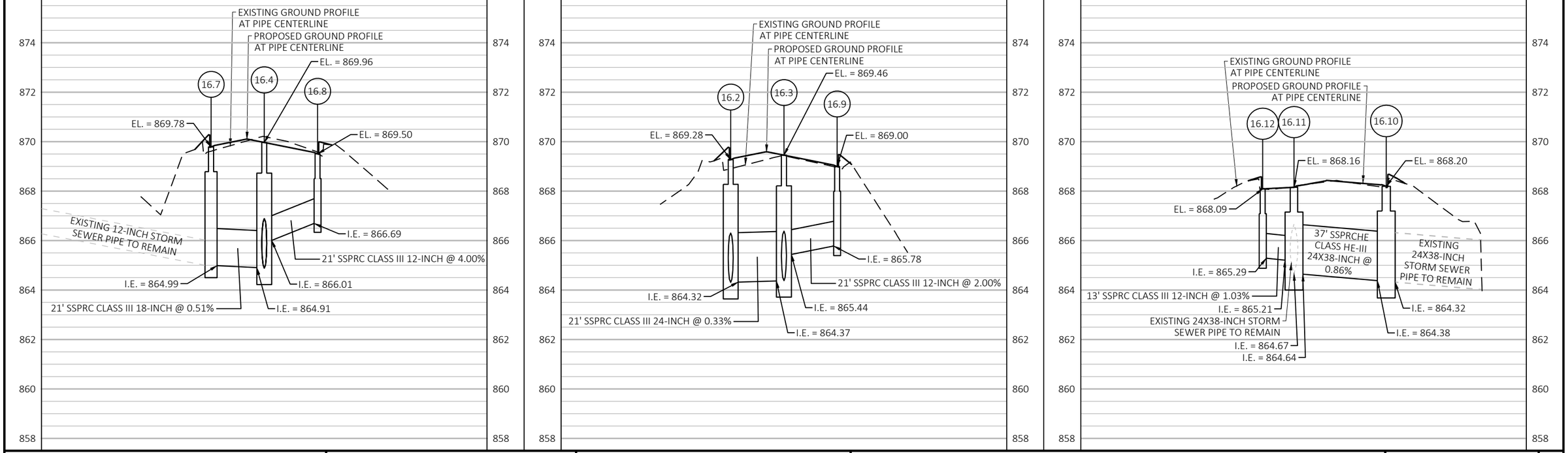




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 177	E

NOTES:
1. OFFSETS GIVEN ARE TO CENTER OF STRUCTURES.
2. STRUCTURE TOP GRADE GIVEN IS FINISHED CASTING GRADE.
3. SEE CONSTRUCTION DETAIL FOR UNDERDRAIN CONNECTION INFORMATION.
4. INVERTS GIVEN ARE TO THE OUTSIDE OF THE STRUCTURE.
5. PIPE LENGTHS GIVEN ARE TO THE CENTER OF THE STRUCTURES.





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	STORM SEWER	SHEET 178 E

LEGEND - PAVEMENT MARKING

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
4. MARKING ARROW EPOXY (WHITE)
5. MARKING WORD EPOXY (WHITE)
6. MARKING LINE EPOXY 8-INCH (WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)

LEGEND - PERMANENT SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- x0-00 DENOTES SIGN NUMBER
  - SIGN CODE SEQUENCE PER PAGE
  - PAGE NUMBER
  - WORK CODE: R=REMOVE, N=NEW, W=WORK BY OTHERS, M=MOVE

N

W3-3 36"X36" N1-04 R1-01 W1-01 WORK BY OTHERS*

REMOVE JCT 136 BD COUNTY

R1-02

STOP R1-1 30"X30" N1-05 R1-03 TO REMAIN

W MULBERRY ST

W11-2 30"X30" S16-7L 24"X12" W1-04 WORK BY OTHERS*

JCT 136 BD COUNTY J1-2 48"X39" N1-07

1 DOUBLE SOLID

4+00 5+00 6+00 7+00

STH 33

MATCHLINE STA. 7+25.00

6 3' LINE-9' SKIP

ONLY R3-5L 42"X48" N1-02 ATTACHED TO OVERHEAD SIGN STRUCTURE (S-56-0030)

BEGIN PROJECT STA 4+00.00 MATCH EXISTING SAW CUT REQ'D

LEFT LANE MUST TURN LEFT R3-7L 30"X30" N1-01

LEFT LANE MUST TURN LEFT R3-7L 30"X30" N1-03

NO PARKING THIS SIDE OF STREET

507 LINN ST

TO REMAIN

ATV ROUTE TO REMAIN

9+50'M' W MULBERRY ST

STOP R1-1 30"X30" N1-06 R1-04

W1-02 LINN ST MULBERRY ST WORK BY OTHERS*

W1-05 WORK BY OTHERS*

W11-2 30"X30" S16-7L 24"X12" W1-03 WORK BY OTHERS*

NO ATV TRAFFIC

ALTERNATE ALTERNATE QUINCY RIVERSIDE 90 94 J4-2 48"X36" N1-08 R1-05

423 LINN ST

* FOR ALL WORK BY OTHERS SIGNS CONTACT:
VILLAGE OF WEST BARABOO:
WILLIAM CLARY, DIRECTOR OF PUBLIC WORKS
OFFICE: 608-356-2516
EMAIL: W.CLARY@VILLAGEOFWESTBARABOO.US

END R3-9D 24"X6" CENTER LANE ONLY R3-9B 24"X36" N1-10

410 LINN ST 408 LINN ST 328 LINN ST 320 LINN ST 312 LINN ST 302 LINN ST

1 SOLID AND 12.5' LINE-37.5' SKIP

STH 33 8+00 9+00 10+00 11+00 12+00

MATCHLINE STA. 7+25.00 MATCHLINE STA. 12+75.00

BEGIN R3-9C 24"X6" CENTER LANE ONLY R3-9B 24"X36" N1-09

417 LINN ST 401 LINN ST

W1-06 WORK BY OTHERS*

9+50'WA' W WALNUT ST

W1-07 LINN ST WALNUT ST WORK BY OTHERS*

STOP R1-1 30"X30" N1-11 R1-06

SPEED LIMIT 25 R2-1 24"X30" N1-12 R1-07

333 LINN ST 323 LINN ST 321 LINN ST

W1-08 UW-PLATTEVILLE BARABOO SAUK CO D1-54 54"X30" WORK BY OTHERS*

315 LINN ST 301 LINN ST

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 179	E

2

* FOR ALL WORK BY OTHERS SIGNS CONTACT:
VILLAGE OF WEST BARABOO:
WILLIAM CLARY, DIRECTOR OF PUBLIC WORKS
OFFICE: 608-356-2516
EMAIL: W.CLARY@VILLAGEOFWESTBARABOO.US

LEGEND - PAVEMENT MARKING

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
4. MARKING ARROW EPOXY (WHITE)

LEGEND - PAVEMENT MARKING

5. MARKING WORD EPOXY (WHITE)
6. MARKING LINE EPOXY 8-INCH (WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING ISLAND NOSE EPOXY (YELLOW)

LEGEND - PERMANENT SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- x0-00 DENOTES SIGN NUMBER
  - SIGN COUNT SEQUENCE PER PAGE
  - PAGE NUMBER
  - WORK CODE: R=REMOVE, N=NEW, W=WORK BY OTHERS, M=MOVE

MATCHLINE STA. 12+75.00

MATCHLINE STA. 18+50.00

MATCHLINE STA. 18+50.00

MATCHLINE STA. 24+50.00

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 180 E

* FOR ALL WORK BY OTHERS SIGNS CONTACT:
VILLAGE OF WEST BARABOO:
WILLIAM CLARY, DIRECTOR OF PUBLIC WORKS
OFFICE: 608-356-2516
EMAIL: W.CLARY@VILLAGEOFWESTBARABOO.US

WEST BARABOO VILLAGE ATV REGULATION SIGN
NO ATV TRAFFIC

WORK BY OTHERS* W3-02
WORK BY OTHERS* W3-03
NO ENGINE BREAKING EXCEPT IN EMERGENCY

VILLAGE OF WEST BARABOO
CITY OF BARABOO

110 LINN ST
907 BERKLEY BLVD
844 8TH AVE
101 SOUTH BLVD
STH 33

MATCHLINE STA. 24+50.00
MATCHLINE STA. 30+25.00

25+00 26+00 27+00 28+00 29+00 30+00

1 SOLID AND 12.5' LINE-37.5' SKIP
STA. 26+60.00

CITY PARKING REGULATIONS
• OCT. 1- APR. 15
• 12:00 AM TO 3:00 PM
• ODD/EVEN PARKING
R7-66 48"X48"
WORK BY OTHERS* W3-01

Baraboo POPULATION 12,048
I2-3 60"X24"
TREE CITY USA
(SIGN ATTACHED TO POST)
(REMOVE - DO NOT REPLACE)
R3-01
N3-01

SPEED LIMIT 25
R2-1 24"X30"
R3-02

S1-1 36"X36"
AHEAD S16-9P 24"X12"
FINES HIGHER R2-6P 24"X18"
R3-03

CENTER LANE ONLY R3-9B 24"X36"
N3-03

SPEED LIMIT 25
R2-1 24"X30"
N3-05

RIGHT TURN ONLY
R3-53R 24"X30"
N3-06
R3-05

CENTER LANE ONLY R3-9B 24"X36"
N3-02

NO PARKING THIS SIDE OF STREET
R7-13 18"X24"
N3-04
R3-04

SPEED LIMIT 25
R2-1 24"X30"
N3-07

N

LEGEND - PAVEMENT MARKING

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
3	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
4	MARKING ARROW EPOXY (WHITE)
5	MARKING WORD EPOXY (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
8	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

LEGEND - PERMANENT SIGNING LEGEND

EXISTING SIGN MOUNTED ON POST(S)
PROPOSED SIGN MOUNTED ON POST(S)
x0-00 DENOTES SIGN NUMBER
- SIGN COUNT SEQUENCE PER PAGE
- PAGE NUMBER
- WORK CODE: R=REMOVE, N=NEW, W=WORK BY OTHERS, M=MOVE

ALTERNATE INTERSTATE 90 ALTERNATE INTERSTATE 94
REMOVE R3-06

844 8TH AVE
838 8TH AVE
832 8TH AVE
101 SOUTH BLVD

MATCHLINE STA. 30+25.00
MATCHLINE STA. 36+00.00

31+00 32+00 33+00 34+00 35+00

1 SOLID AND 12.5' LINE-37.5' SKIP
1 DOUBLE SOLID

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT
REMOVE R3-07

END R3-9D 24"X6"
CENTER LANE ONLY R3-9B 24"X36"
N3-09

W3-3 36"X36"
N3-08
R3-08

BEGIN R3-9C 24"X6"
CENTER LANE ONLY R3-9B 24"X36"
N3-10

ALTERNATE INTERSTATE 90 ALTERNATE INTERSTATE 94
J4-2 48"X36"
N3-11

SPEED LIMIT 25
REMOVE R3-09

N

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 181	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\023201-PS TO 023212-PS.DWG
LAYOUT NAME - 03
PLOT DATE : 4/28/2023 10:58 AM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

LEGEND - PAVEMENT MARKING

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
4. MARKING ARROW EPOXY (WHITE)
5. MARKING WORD EPOXY (WHITE)
6. MARKING LINE EPOXY 8-INCH (WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

LEGEND - PERMANENT SIGNING LEGEND

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

x0-00 DENOTES SIGN NUMBER

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N

MATCHLINE STA. 36+00.00

MATCHLINE STA. 41+75.00

MATCHLINE STA. 41+75.00

MATCHLINE STA. 47+50.00

WEST BUSINESS 33 12 J4-2 48"X36" N4-01 R4-01

SPEED LIMIT 25 R2-1 24"X30" N4-02

STOP R1-1F 30"X30" MOUNTED ON TRAFFIC LIGHT POST

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT S4-51 24"X48" N4-05 R4-05

808 8TH AVE

DRAPER ST

N4-03 R4-03

2 HR PARKING: ON SCHOOL DAYS 7:30 AM TO 4:30 PM WORK BY OTHERS* W4-02

S1-1 36"X36" N4-06 R4-06

AHEAD S16-9P 24"X12"

FINES HIGHER R2-6P 24"X18" N4-07

724 8TH AVE

714 8TH AVE

REMOVE R4-07

W3-3 36"X36" N4-10

708 8TH AVE

3' LINE-9' SKIP

1 DOUBLE SOLID

37+00 STH 33 38+00

2' LINE-6' SKIP

2' LINE- 6' SKIP

39+00 STH 33 40+00 41+00

DOUBLE SOLID

REMOVE R4-02

W4-01 DRAPER ST INFO SIGN: HIGH SCHOOL MIDDLE SCHOOL/ POOL WORK BY OTHERS*

NO PARKING THIS SIDE OF STREET R7-13 18"X24" N4-04 R4-04

8TH AVE DRAPER ST ON THE TRAFFIC SIGNAL POST WORK BY OTHERS* W4-03

SPEED LIMIT 25 R2-1 24"X30" N4-08

EAST BUSINESS 33 12 J4-2 48"X36" N4-09

W4-04 PARK STREET INFO SIGN: MARY ROUNTREE EVANS FIELD OCHSNER PARK & ZOO LOWER OCHSNER PARK WORK BY OTHERS* 101 SOUTH BLVD

ONLY ONLY R3-8AR 36"X30" N4-12

STOP R1-1 30"X30" N4-13 R4-09

702 8TH AVE

PARK ST

10+50'P'

9+50'P'

END R3-9D 24"X6"

CENTER LANE ONLY R3-9B 24"X36" N4-15

638 8TH AVE

PARK STREET INFO SIGN: MARY ROUNTREE EVANS FIELD OCHSNER PARK & ZOO LOWER OCHSNER PARK WORK BY OTHERS* W4-06

* CITY OF BARABOO:
TOM PINION, DIRECTOR OF PUBLIC WORKS
OFFICE: 608-355-7325
CELL: 608-393-9945
EMAIL: TPINION@CITYOFBARABOO.COM

630 8TH AVE

626 8TH AVE

620 8TH AVE

NO PARKING THIS SIDE OF STREET R7-13 18"X24" N4-17 R4-12

614 8TH AVE

606 8TH AVE

*3' LINE-9' SKIP

42+00 STH 33 43+00 STH 33 44+00 45+00 46+00 47+00

SOLID AND 12.5' LINE-37.5' SKIP

2' LINE-6' SKIP

ALTERNATE ALTERNATE 90 94 J4-2 48"X36" N4-11

EAST BUSINESS 33 12 J4-2 48"X36"

REMOVE R4-08

N4-16

BEGIN R3-9C 24"X6"

CENTER LANE ONLY R3-9B 24"X36"

STOP R1-1 30"X30" N4-14 R4-10

8TH AVE PARK ST WORK BY OTHERS* W4-05

633 8TH AVE

627 8TH AVE

617 8TH AVE

SPEED LIMIT 25 REMOVE R4-11

611 8TH AVE

AHEAD REMOVE R4-13

603 8TH AVE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 182	E

2

LEGEND - PAVEMENT MARKING

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
4. MARKING ARROW EPOXY (WHITE)

LEGEND - PAVEMENT MARKING

5. MARKING WORD EPOXY (WHITE)
6. MARKING LINE EPOXY 8-INCH (WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING ISLAND NOSE EPOXY (YELLOW)

LEGEND - PERMANENT SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- x0-00 DENOTES SIGN NUMBER
  - SIGN COUNT SEQUENCE PER PAGE
  - PAGE NUMBER
  - WORK CODE: R=REMOVE, N=NEW, W=WORK BY OTHERS, M=MOVE

MATCHLINE STA. 47+50.00

STOP R1-1 30"X30" N5-01 R5-01

SUMMIT ST 10+50'S

STH 33 48+00 49+00 50+00 51+00 52+00 STH 33 53+00

1 SOLID AND 12.5' LINE-37.5' SKIP

3 4

8TH AVE SUMMIT ST WORK BY OTHERS* W5-01

SUMMIT ST 9+50'S

STOP R1-1 30"X30" N5-02 R5-02 541 8TH AVE

NO PARKING THIS SIDE OF STREET R7-13 18"X24" N5-03 R5-03

S1-1 AHEAD S16-9P FINES HIGHER R2-6P N5-04

533 8TH AVE

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT S4-51 24"X48" R5-04 N5-05

527 8TH AVE

SPEED LIMIT 25 R2-1 24"X30" END SCHOOL ZONE S5-2 24"X30" N5-06

SPEED LIMIT 25 REMOVE R5-05

514 8TH AVE

STOP R1-1 30"X30" N5-07 R5-06

WOOD ST 10+50'WO

8TH AVE WOOD ST WORK BY OTHERS* W5-02

S1-1 36"X36" S16-7L 24"X12" N5-08 R5-07 MOUNTED ON RRFB*

502 8TH AVE

DOUBLE SOLID 1 8 3

S1-1 36"X36" S16-7L 24"X12" N5-09 R5-08 MOUNTED ON RRFB*

503 8TH AVE

509 8TH AVE

MATCHLINE STA. 53+00.00

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SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT S4-51 24"X48" N5-12 R5-11

500 8TH AVE 418 8TH AVE 414 8TH AVE

S1-1 AHEAD S16-9P FINES HIGHER R2-6P N5-13 R5-12

406 8TH AVE

STOP R1-1 30"X30" N5-14 R5-13

1005 WEST ST

WEST ST 10+50'WE

1 SOLID AND 12.5' LINE-37.5' SKIP

STH 33 54+00 55+00 56+00 57+00 STH 33 58+00 59+00

3 4

MATCHLINE STA. 59+00.00

320 8TH AVE 316 8TH AVE 332 8TH AVE

8TH AVE CENTER ST WORK BY OTHERS* W5-03

421 8TH AVE

9+50'CE

STOP R1-1 30"X30" N5-10 R5-09

SPEED LIMIT 25 R2-1 24"X30" NO PARKING THIS SIDE OF STREET R7-13 18"X24" N5-11 R5-10

417 8TH AVE 415 8TH AVE

411 8TH AVE

8TH AVE WEST ST WORK BY OTHERS* W5-04

919 WEST ST

9+50'WE

STOP R1-1 30"X30" N5-15 R5-14

335 8TH AVE

W5-05 CIRCUS WORLD RT ARROW: AT LIGHT WORK BY OTHERS*

327 8TH AVE

329 8TH AVE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 183	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\023201-PS TO 023212-PS.DWG
LAYOUT NAME - 05

PLOT DATE : 4/28/2023 11:00 AM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

MATCHLINE STA. 59+00.00

MATCHLINE STA. 64+75.00

MATCHLINE STA. 64+75.00

MATCHLINE STA. 70+25.00

* CITY OF BARABOO:
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N

312 8TH AVE
319 8TH AVE
315 8TH AVE
311 8TH AVE
305 8TH AVE
1005 BIRCH ST
234 8TH AVE
218 8TH AVE
214 8TH AVE
210 8TH AVE
233 8TH AVE
221 8TH AVE
215 8TH AVE
201 8TH AVE
202 8TH AVE
138 8TH AVE
130 8TH AVE
122 8TH AVE
118 8TH AVE
112 8TH AVE
108 8TH AVE
919 OAK ST

BIRCH ST
STH 33
60+00
61+00
62+00
63+00
64+00
65+00
66+00
67+00
68+00
69+00
70+00
10+50'B'
10+00'B'
9+50'B'
9+00'B'
BROADWAY ST

SOLID AND 12.5' LINE-37.5' SKIP
DOUBLE SOLID
2' LINE-6' SKIP

W3-3 36"X36" — N6-01 — R6-01
J1-1 24"X39" — N6-02 — R6-02
R3-9D 24"X6" — N6-04
R3-9B 24"X36" — CENTER LANE ONLY
JV-2 48"X81" — EAST 33 94 — N6-06 — R6-04
W6-01 — 8TH AVE BIRCH ST — WORK BY OTHERS*
J4-2 48"X36" — ALTERNATE 90 94 — N6-03 — R6-03
R3-9C 24"X6" — BEGIN — CENTER LANE ONLY
R3-9B 24"X36" — N6-05
R1-1 30"X30" — STOP — N6-07 — R6-05
R1-1 30"X30" — STOP — N6-08 — R6-06
J3-2 48"X57" — SOUTH BUSINESS 113 12 — N6-09 — R6-07
BROADWAY INFO SIGN:
AL. RINGLING THEATRE
DOWNTOWN
COURTHOUSE/SHERIFF
OUTDOOR SWIMMING POOL
CIRCUS WORLD MUSEUM
DEVIL'S LAKE
WORK BY OTHERS*
W6-02
R7-13 18"X24" — NO PARKING THIS SIDE OF STREET — R6-08 — ATTACHED TO UTILITY POLE
J4-2 48"X36" — WEST BUSINESS 33 12 — N6-10 — R6-09
W6-03 — D.G. DISTILLERY W/ ARROW '1' WORK BY OTHERS*

N

J2-1 24"X57" — SOUTH 113 — N6-11 — R6-10
8TH AVE BROADWAY WORK BY OTHERS* — W6-04
R1-1F 30"X30" — STOP — N6-14 — R6-13
MOUNTED ON TRAFFIC SIGNAL POST
W25-2 24"X30" — ONCOMING TRAFFIC MAY HAVE EXTENDED GREEN — N6-13 — R6-12
MOUNTED ON TRAFFIC SIGNAL POST
J3-2 48"X57" — WEST BUSINESS 33 12 — N6-12 — R6-11
J2-1 24"X57" — SOUTH 113 — N6-18 — R6-16
BROADWAY INFO SIGN:
DEVIL'S LAKE
PIERCE PARK & PAVILION
OUTDOOR SWIMMING POOL
CIRCUS WORLD MUSEUM
DOWNTOWN
INDUSTRIAL PARKS
GOLF COURSE
WORK BY OTHERS*
W6-05
R5-1 30"X30" — DO NOT ENTER — N6-15
R5-1A 36"X24" — WRONG WAY — N6-17
J3-2 48"X57" — EAST 33 H — N6-16 — R6-14
REMOVE — R6-15
J4-1 24"X36" — EAST 33 — N6-19 — R6-17
DOUBLE SOLID
W6-06
J2-1 24"X57" — SOUTH 113 — N6-21 — R6-19
D.G. DISTILLERY W/ ARROW '1' WORK BY OTHERS*
R7-13 18"X24" — NO PARKING THIS SIDE OF STREET — N6-22 — R6-20
CIRCUS WORLD RT ARROW: AT LIGHT WORK BY OTHERS* — W6-08
R2-1 24"X30" — SPEED LIMIT 25 — N6-20 — R6-18
W6-07 — OAK INFO SIGN: COURTHOUSE DOWNTOWN WORK BY OTHERS*

LEGEND - PAVEMENT MARKING

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
4. MARKING ARROW EPOXY (WHITE)
5. MARKING WORD EPOXY (WHITE)
6. MARKING LINE EPOXY 8-INCH (WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
9. MARKING ISLAND NOSE EPOXY (YELLOW)

LEGEND - PERMANENT SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- xQ-00 DENOTES SIGN NUMBER
  - SIGN COUNT SEQUENCE PER PAGE
  - PAGE NUMBER
  - WORK CODE: R=REMOVE, N=NEW, W=WORK BY OTHERS, M=MOVE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 184	E

LEGEND - PAVEMENT MARKING

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
4. MARKING ARROW EPOXY (WHITE)

LEGEND - PAVEMENT MARKING

5. MARKING WORD EPOXY (WHITE)
6. MARKING LINE EPOXY 8-INCH (WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)

LEGEND - PERMANENT SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- x0-00 DENOTES SIGN NUMBER
  - SIGN COUNT SEQUENCE PER PAGE
  - PAGE NUMBER
  - WORK CODE: R=REMOVE, N=NEW, W=WORK BY OTHERS, M=MOVE

MATCHLINE STA. 70+25.00

MATCHLINE STA. 76+25.00

MATCHLINE STA. 76+25.00

MATCHLINE STA. 82+00.00

ALTERNATE INTERSTATE 90 WEST INTERSTATE 33 INTERSTATE 94

8TH ST / OAK ST WORK BY OTHERS* W7-01

STOP R1-1 30"X30" N7-02 R7-02

END R3-9D 24"X6" CENTER LANE ONLY R3-9B 24"X36" N7-06

JCT COUNTY 113 J1-1 24"X39" N7-07 R5-05

WORK BY OTHERS* OAK INFO SIGN: COURTHOUSE DOWNTOWN W7-03

J4-2 48"X81" N7-01 R7-01

1 DOUBLE SOLID

3

4

1 SOLID AND 12.5' LINE-37.5' SKIP

6

STH 33

71+00 72+00 73+00 74+00 75+00 76+00

OAK ST 10+50'O' 10+00'O' 9+50'O' 0'

ASH ST 10+50'A' 10+00'A' 9+50'A' A'

121 8TH ST 129 8TH ST 137 8TH ST

NO PARKING THIS SIDE OF STREET R7-13 18"X24" N7-09 R7-07

BEGIN R3-9C 24"X6" CENTER LANE ONLY R3-9B 24"X36" N7-10

STOP R1-1 30"X30" N7-12 R7-08

N

1 DOUBLE SOLID

6

STOP R1-1 30"X30" N7-14 R7-10

W11-2 30"X30" PED XING N7-15 R7-11

8TH ST / OAK ST WORK BY OTHERS* W7-02

STOP R1-1 30"X30" N7-03 R7-03

BEGIN R3-9C 24"X6" CENTER LANE ONLY R3-9B 24"X36" N7-04

ALTERNATE INTERSTATE 90 94 J4-2 48"X36" N7-05 R7-04

NO PARKING THIS SIDE OF STREET R7-13 18"X24" N7-08 R7-06

918 OAK ST

915 ASH ST

END R3-9D 24"X6" CENTER LANE ONLY R3-9B 24"X36" N7-11 N7-13 R7-09

R5-2 24"X24"

W7-04 ASH INFO SIGN: AL. RINGLING THEATRE CITY HALL/POLICE GOLF COURSE CIVIC CENTER WORK BY OTHERS*

MUNICIPAL VEHICLES EXEMPT W7-05

8TH ST / ASH ST WORK BY OTHERS* W7-06

* CITY OF BARABOO:
TOM PINION, DIRECTOR OF PUBLIC WORKS
OFFICE: 608-355-7325
CELL: 608-393-9945
EMAIL: TPINION@CITYOFBARABOO.COM

ASH INFO SIGN: SAUK COUNTY HISTORICAL MUSEUM CITY HALL/POLICE CIVIC CENTER GOLF COURSE AL. RINGLING THEATRE WORK BY OTHERS* W7-07

201 8TH ST

ALTERNATE INTERSTATE 90 94 J4-2 48"X36" N7-17 R7-13

217 8TH ST

SPEED LIMIT 25 R2-1 24"X30" N7-18 R7-14

221 8TH ST

8TH ST / EAST ST WORK BY OTHERS* W7-09

231 8TH ST

STOP R1-1F 30"X30" MOUNTED ON TRAFFIC LIGHT POST N7-21 R7-17

EAST ST 11 10+50'E' 10+00'E' 9+50'E' E'

COUNTY A J12-1 24"X45" N7-23 R7-19

301 8TH ST

CIRCUS WORLD MUSEUM W/ ARROW 7' DISTILLERY-RESTAURANT W/ ARROW 7' WORK BY OTHERS* W7-11

1 DOUBLE SOLID

77+00 78+00 79+00 STH 33 80+00 81+00 STH 33 82-

JCT COUNTY A J1-1 24"X39" N7-16 R7-12

918 ASH ST

216 8TH ST

220 8TH ST

DISTILLERY-RESTAURANT W/ ARROW 7' WORK BY OTHERS* W7-08

COUNTY A J12-1 24"X45" N7-19 R7-15

220 8TH ST

R5-2 24"X24" N7-20 R7-16

MUNICIPAL VEHICLES EXEMPT W7-10

N7-22 R7-18

STOP R1-1F 30"X30" MOUNTED ON TRAFFIC LIGHT POST

302 8TH ST

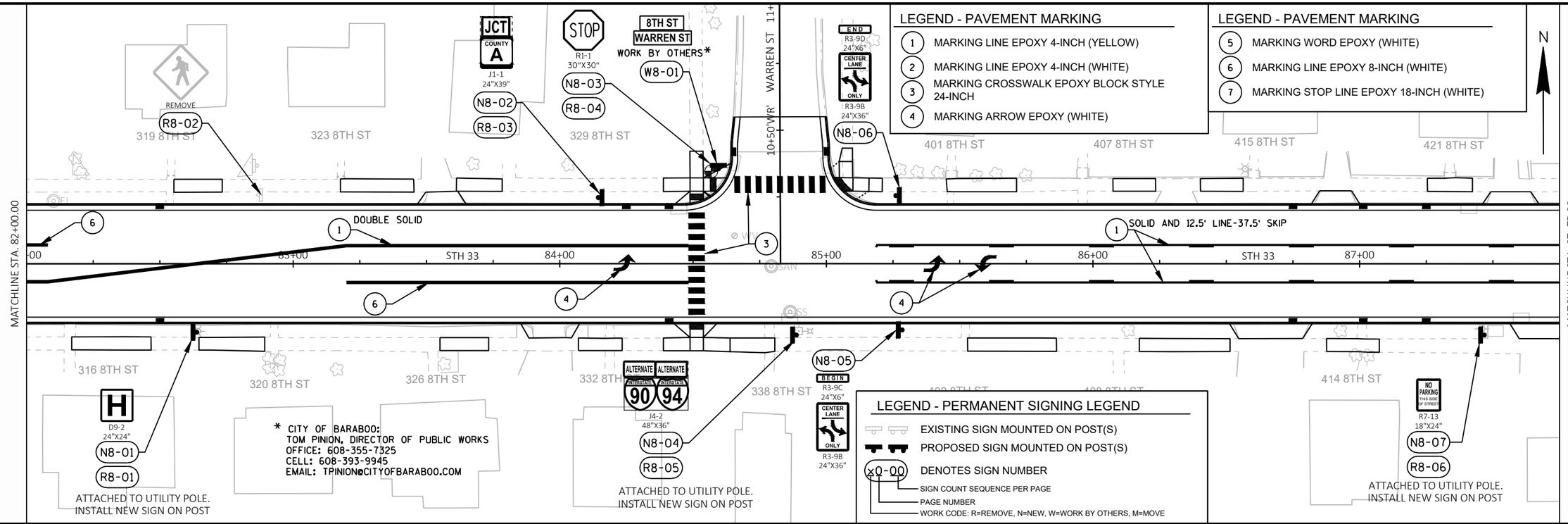
EAST 33 J4-1 24"X36" N7-24 R7-20

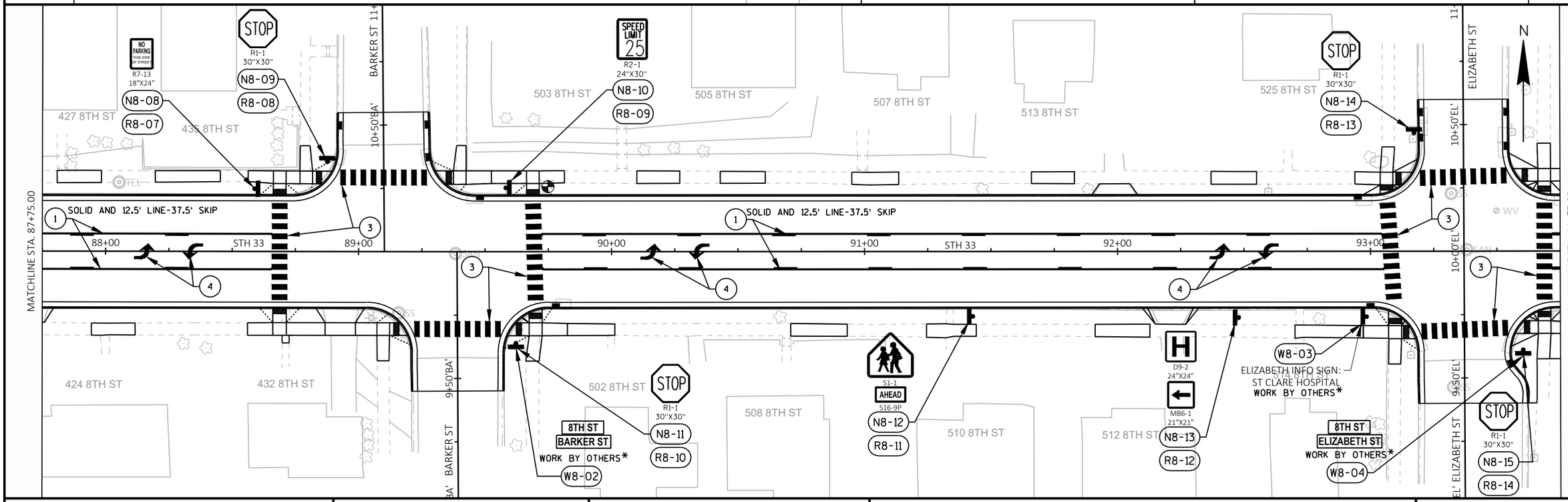
SPEED LIMIT 25 R2-1 24"X30" NO PARKING THIS SIDE OF STREET R7-13 18"X24" N7-25 R7-21

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 185	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\023201-PS TO 023212-PS.DWG
LAYOUT NAME - 07
PLOT DATE : 4/28/2023 11:01 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

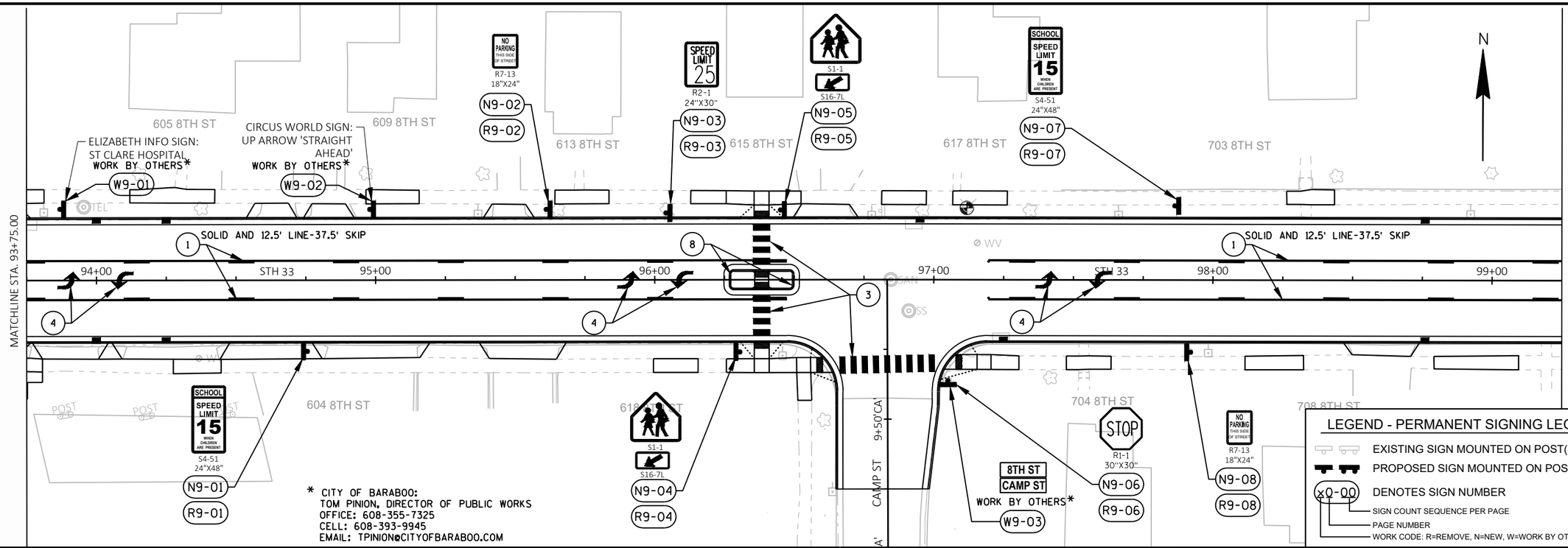
2





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 186	E

2



LEGEND - PERMANENT SIGNING LEGEND

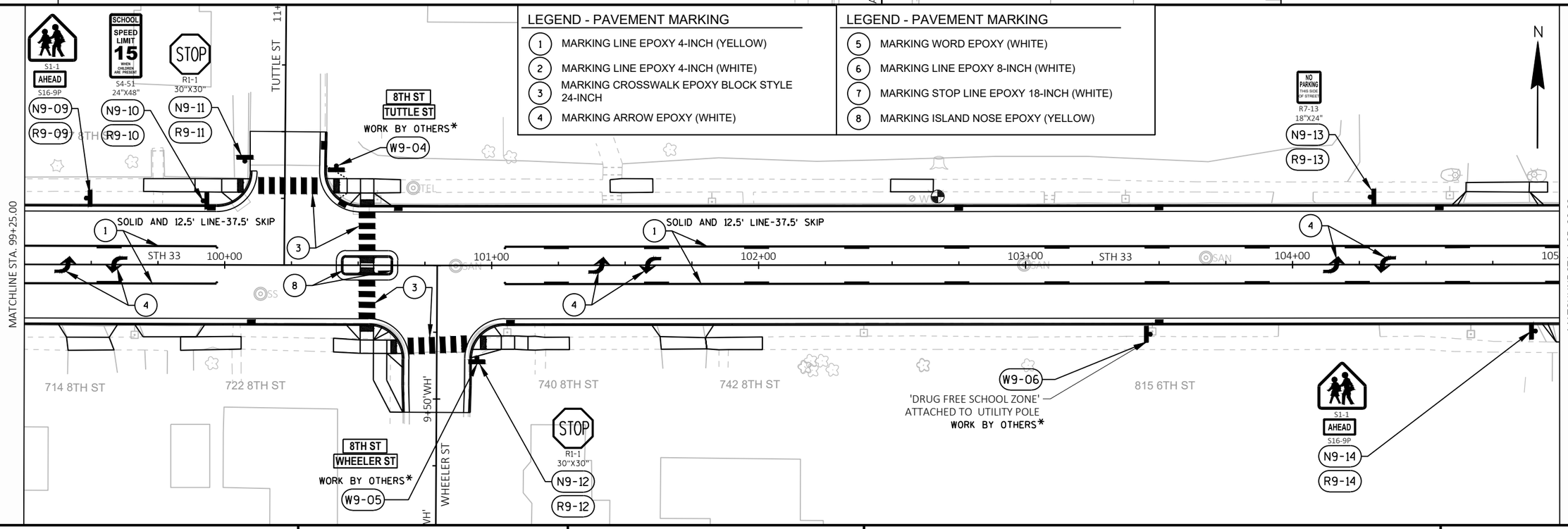
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- x0-00 DENOTES SIGN NUMBER
  - SIGN COUNT SEQUENCE PER PAGE
  - PAGE NUMBER
  - WORK CODE: R=REMOVE, N=NEW, W=WORK BY OTHERS, M=MOVE

LEGEND - PAVEMENT MARKING

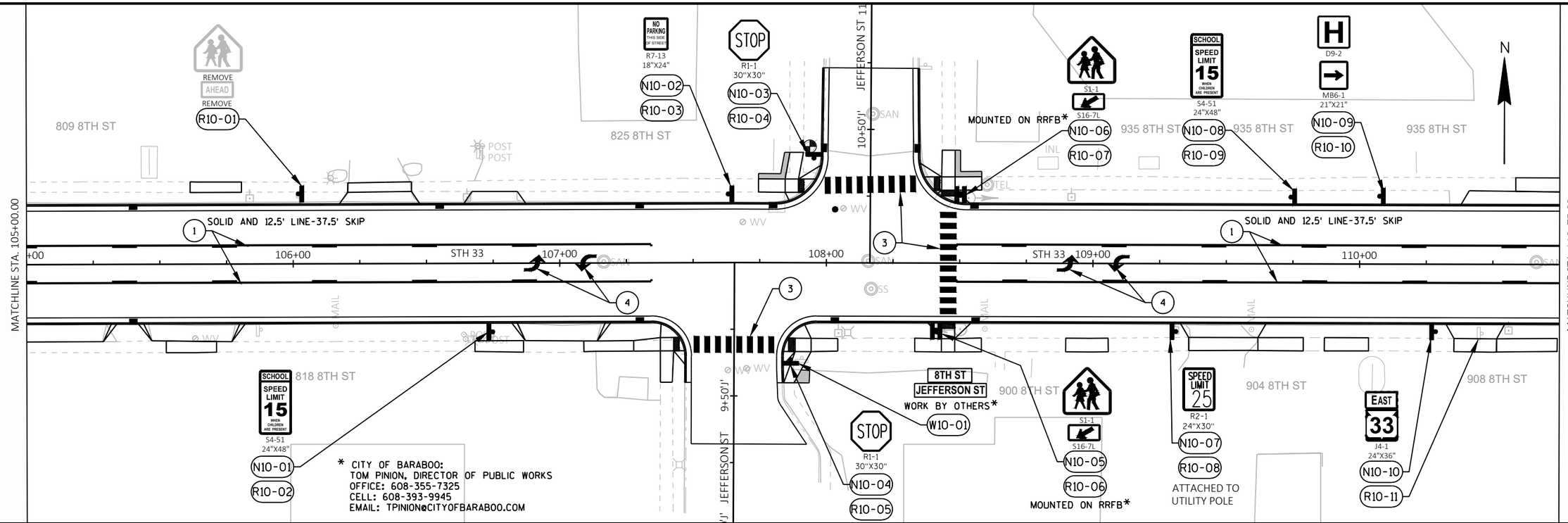
1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
4. MARKING ARROW EPOXY (WHITE)

LEGEND - PAVEMENT MARKING

5. MARKING WORD EPOXY (WHITE)
6. MARKING LINE EPOXY 8-INCH (WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING ISLAND NOSE EPOXY (YELLOW)



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 187	E

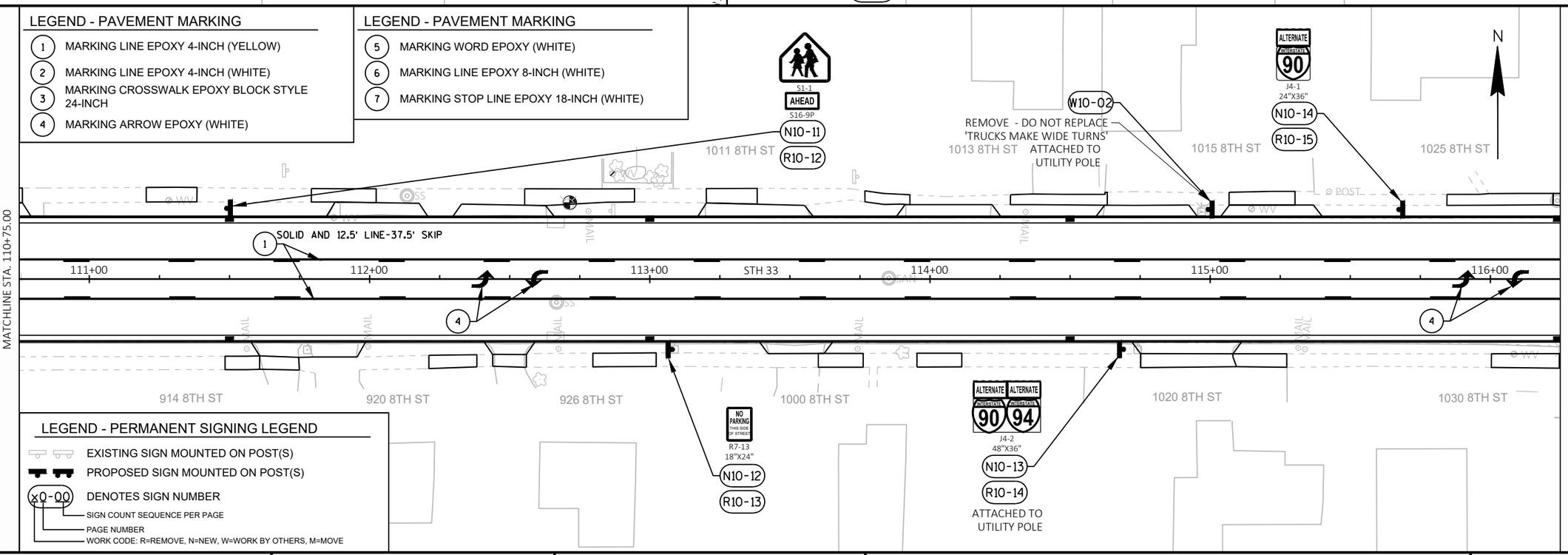


LEGEND - PAVEMENT MARKING

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
4. MARKING ARROW EPOXY (WHITE)

LEGEND - PAVEMENT MARKING

5. MARKING WORD EPOXY (WHITE)
6. MARKING LINE EPOXY 8-INCH (WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)



LEGEND - PERMANENT SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- x0-00 DENOTES SIGN NUMBER
  - SIGN COUNT SEQUENCE PER PAGE
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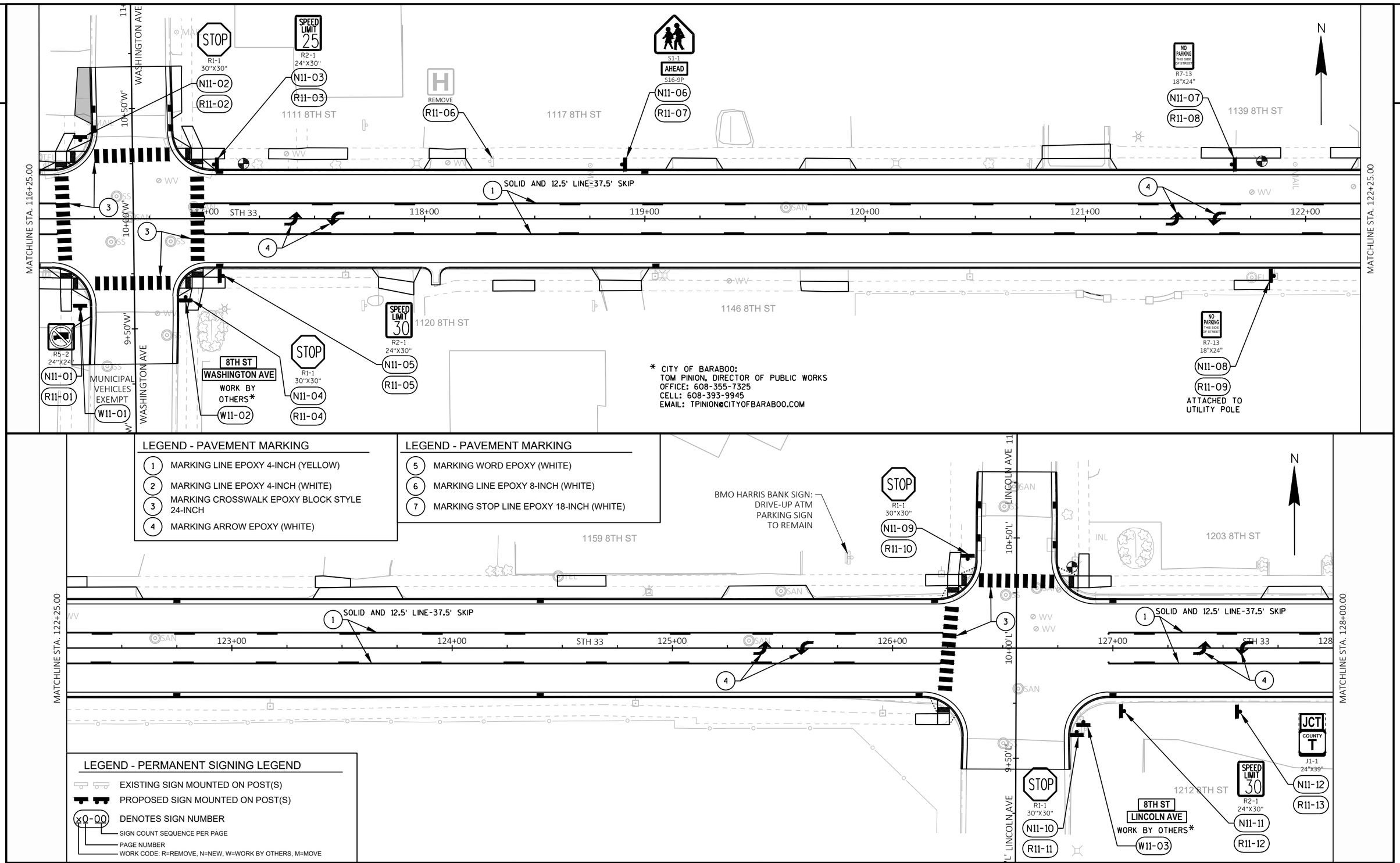
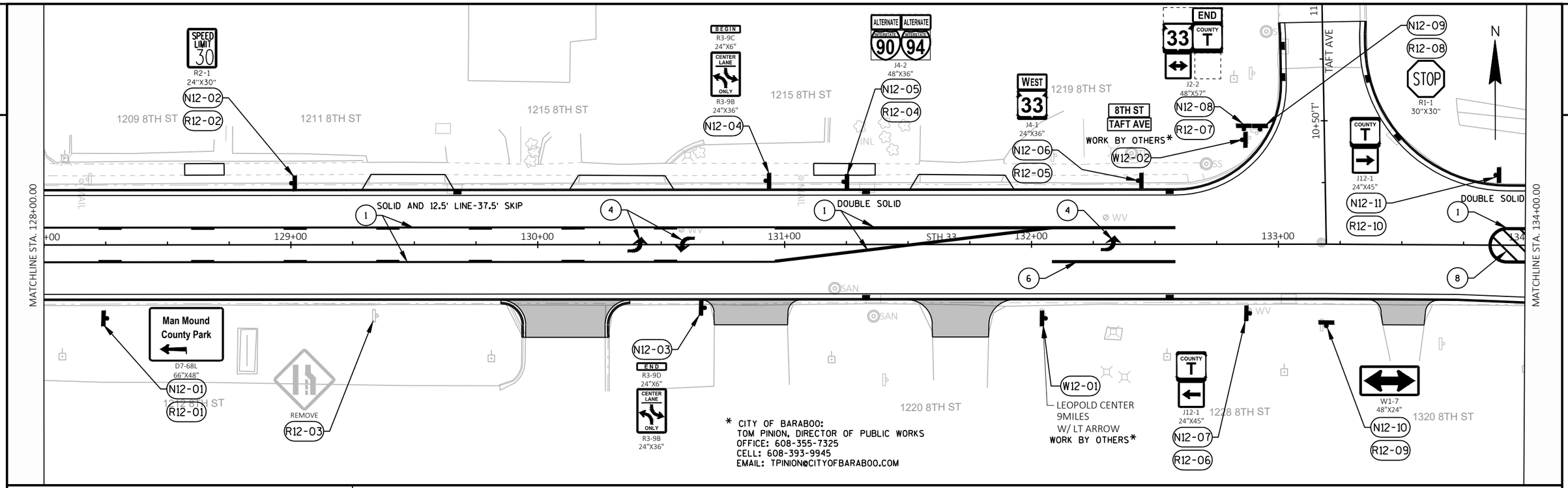
  - WORK CODE: R=REMOVE, N=NEW, W=WORK BY OTHERS, M=MOVE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 188	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\023201-PS TO 023212-PS.DWG
LAYOUT NAME - 10
PLOT DATE : 4/28/2023 11:07 AM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 189	E



LEGEND - PAVEMENT MARKING

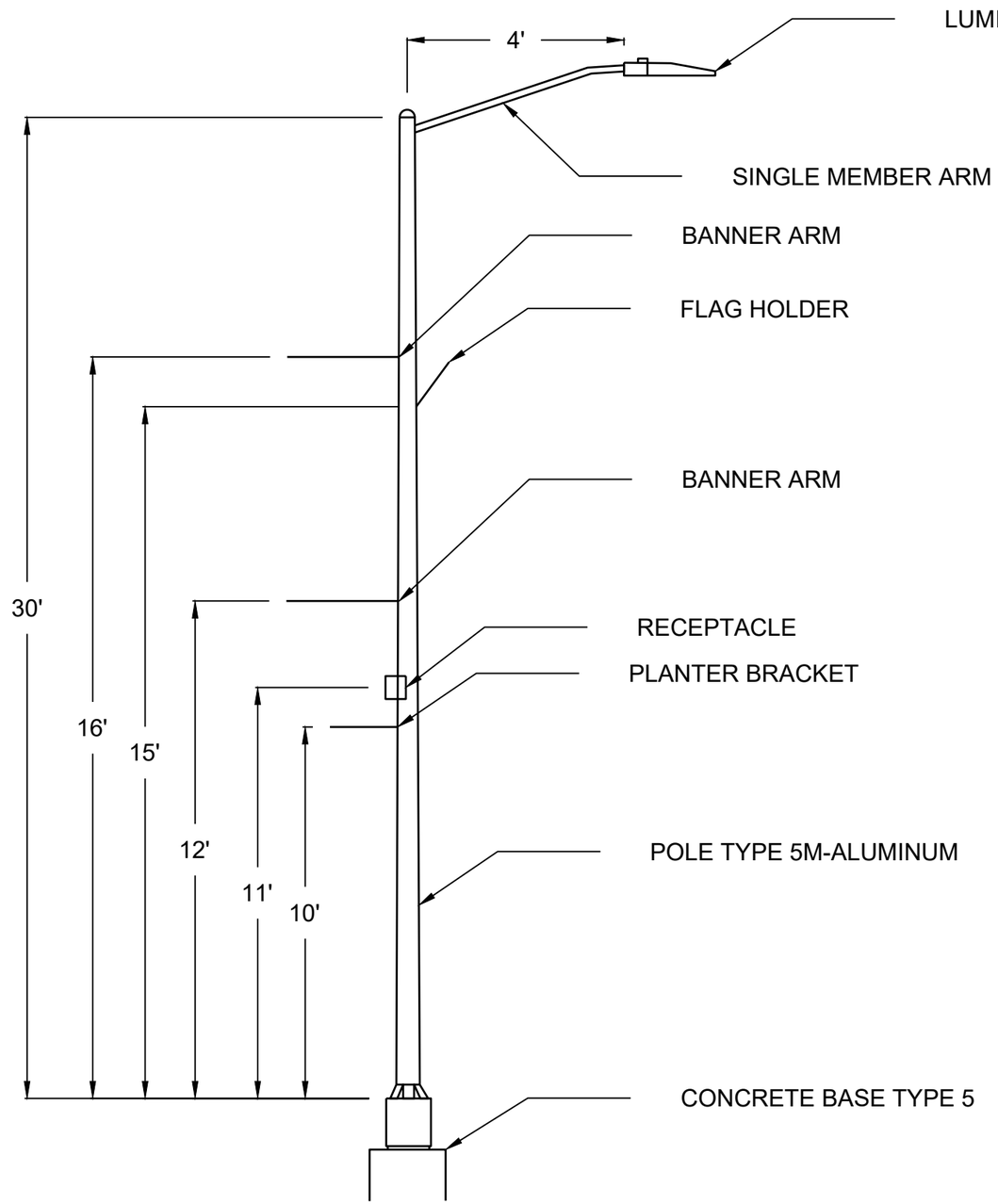
1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
4. MARKING ARROW EPOXY (WHITE)
5. MARKING WORD EPOXY (WHITE)
6. MARKING LINE EPOXY 8-INCH (WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

LEGEND - PERMANENT SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- x0-00 DENOTES SIGN NUMBER
  - SIGN COUNT SEQUENCE PER PAGE
  - PAGE NUMBER
  - WORK CODE: R=REMOVE, N=NEW, W=WORK BY OTHERS, M=MOVE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EXISTING SIGN REMOVAL, PERMANENT SIGNING & PAVEMENT MARKING	SHEET 190 E

2



LIGHTING UNIT TYPE 1

NOT TO SCALE

NOTES:

1. LIGHT BASES TO BE CENTERED 3' FROM BACK OF CURB. CONCRETE BASES TYPE 5 TO BE USED.
2. SEE SDD 09C02-09

LEGEND

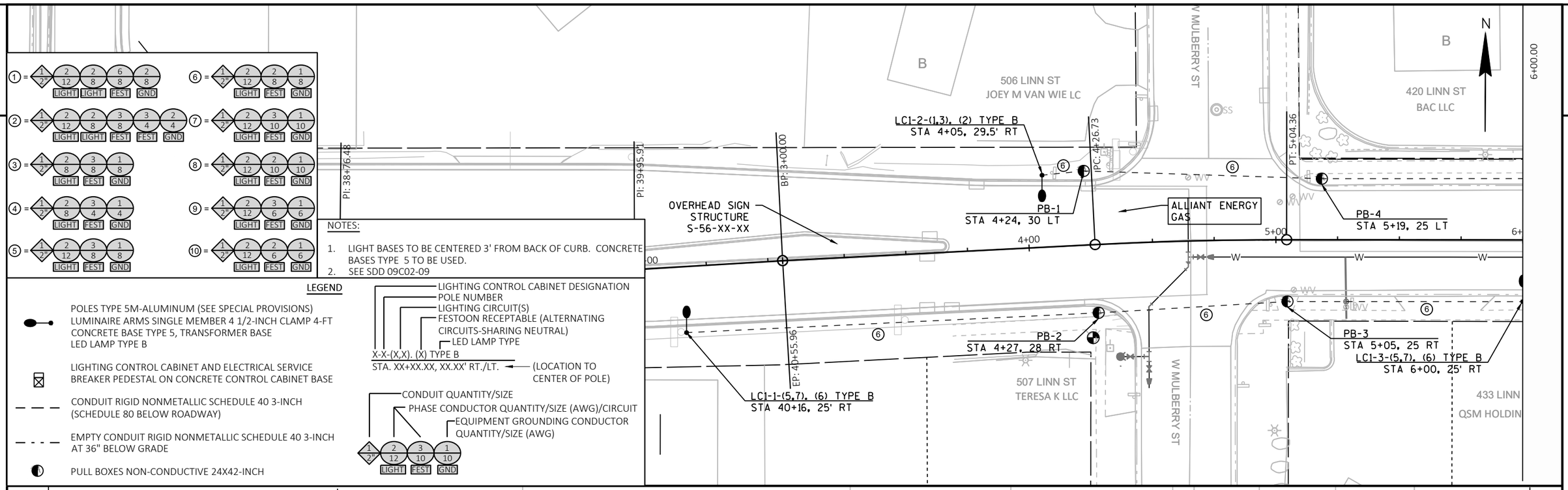
- POLES TYPE 5M-ALUMINUM (SEE SPECIAL PROVISIONS) LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 4-FT CONCRETE BASE TYPE 5, TRANSFORMER BASE LED LAMP TYPE B
- LIGHTING CONTROL CABINET AND ELECTRICAL SERVICE BREAKER PEDESTAL ON CONCRETE CONTROL CABINET BASE
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH (SCHEDULE 80 BELOW ROADWAY)
- EMPTY CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH AT 36" BELOW GRADE
- PULL BOXES NON-CONDUCTIVE 24X42-INCH

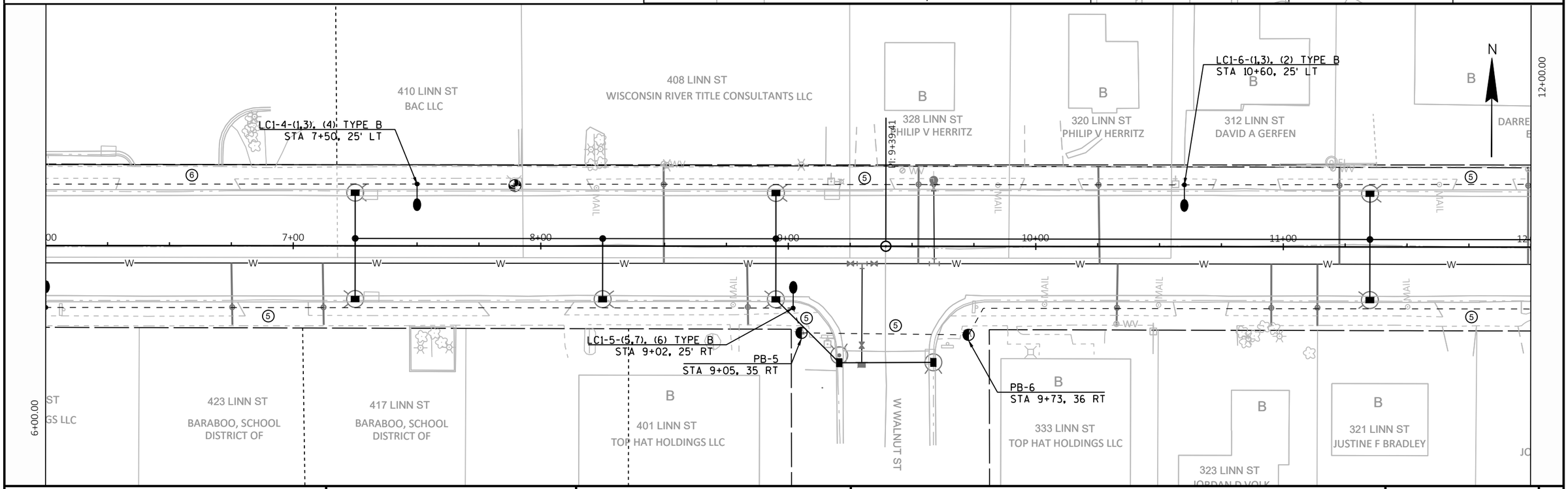
X-X-(X,X). (X) TYPE B
STA. XX+XX.XX, XX.XX' RT./LT.

- LIGHTING CONTROL CABINET DESIGNATION
- POLE NUMBER
- LIGHTING CIRCUIT(S)
- FESTOON RECEPTABLE (ALTERNATING CIRCUITS-SHARING NEUTRAL)
- LED LAMP TYPE
- (LOCATION TO CENTER OF POLE)

1 2" 2 12 LIGHT 3 10 FEST 1 10 GND

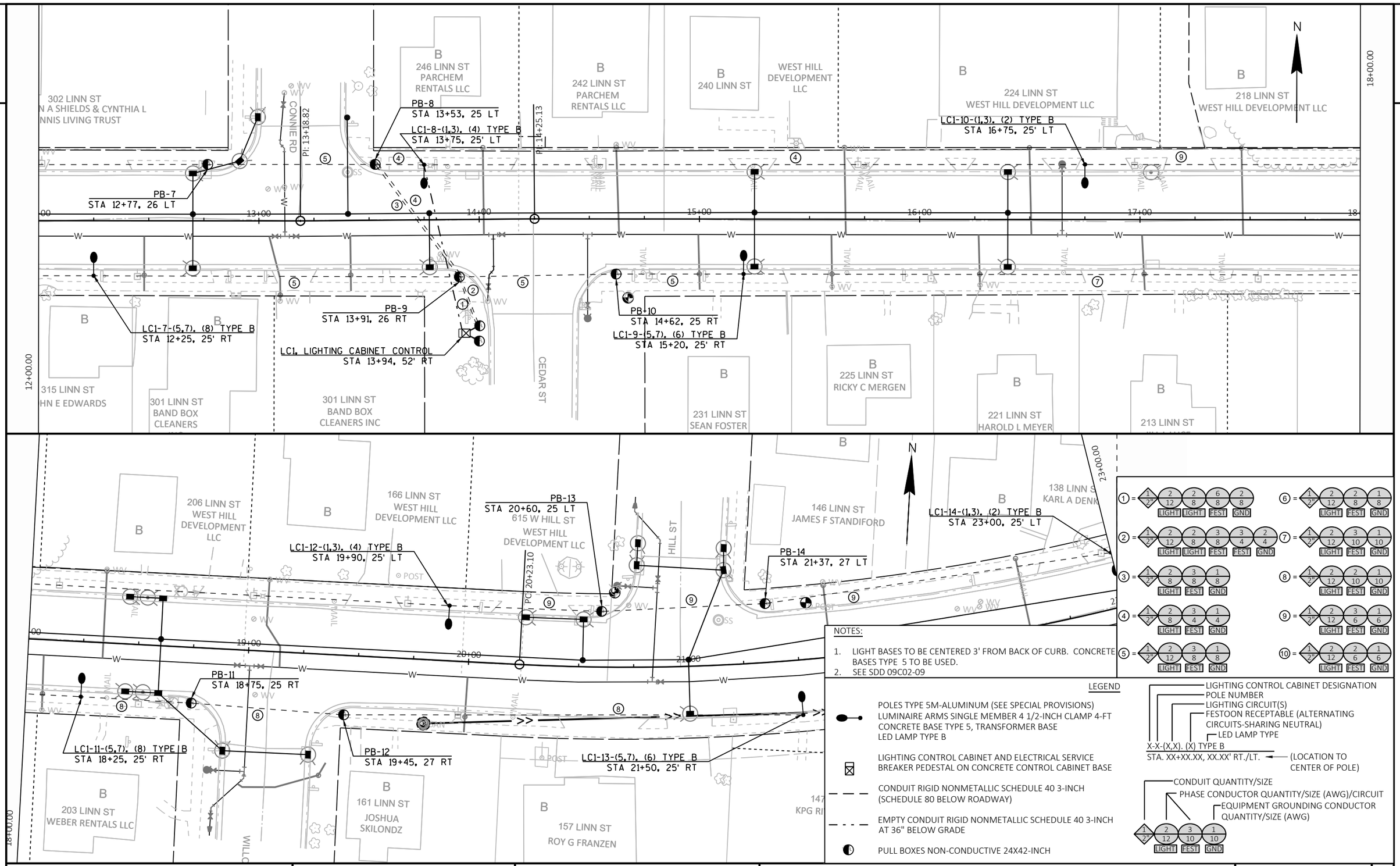
- CONDUIT QUANTITY/SIZE
- PHASE CONDUCTOR QUANTITY/SIZE (AWG)/CIRCUIT
- EQUIPMENT GROUNDING CONDUCTOR QUANTITY/SIZE (AWG)





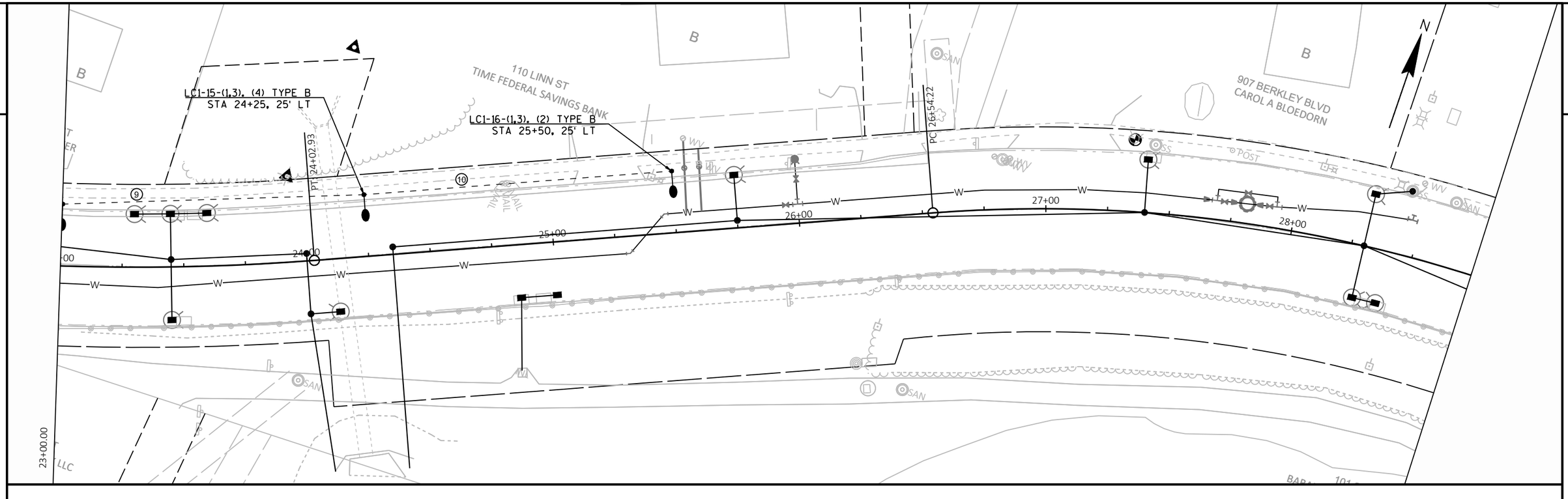
PROJECT NO: 5090-05-60	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 192	E

FILE NAME : G:\00\00082\00082082\CADD\C3D\SHEETSPLAN\023601-LP.DWG
LAYOUT NAME - 023601-lp
PLOT DATE : 2/23/2023 2:20 PM
PLOT BY : ZACH ADAMS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5090-05-60	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 193	E

FILE NAME : G:\00\00082\00082082\CADD\C3D\SHEETSPLAN\023601-LP.DWG
LAYOUT NAME - 023602-lp
PLOT DATE : 2/23/2023 2:20 PM
PLOT BY : ZACH ADAMS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



① = 1 2" | 2 12 | 2 8 | 6 8 | 2 8 — LIGHT | LIGHT | FEST | GND

② = 1 2" | 2 12 | 2 8 | 3 8 | 3 4 | 2 4 — LIGHT | LIGHT | FEST | FEST | GND

③ = 1 2" | 2 8 | 3 8 | 1 8 — LIGHT | FEST | GND

④ = 1 2" | 2 8 | 3 4 | 1 4 — LIGHT | FEST | GND

⑤ = 1 2" | 2 12 | 3 8 | 1 8 — LIGHT | FEST | GND

⑥ = 1 2" | 2 12 | 2 8 | 1 8 — LIGHT | FEST | GND

⑦ = 1 2" | 2 12 | 3 10 | 1 10 — LIGHT | FEST | GND

⑧ = 1 2" | 2 12 | 2 10 | 1 10 — LIGHT | FEST | GND

⑨ = 1 2" | 2 12 | 3 6 | 1 6 — LIGHT | FEST | GND

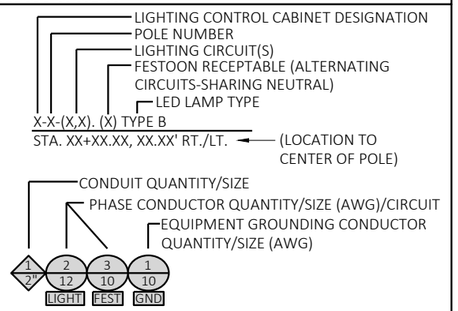
⑩ = 1 2" | 2 12 | 2 6 | 1 6 — LIGHT | FEST | GND

NOTES:

1. LIGHT BASES TO BE CENTERED 3' FROM BACK OF CURB. CONCRETE BASES TYPE 5 TO BE USED.
2. SEE SDD 09C02-09

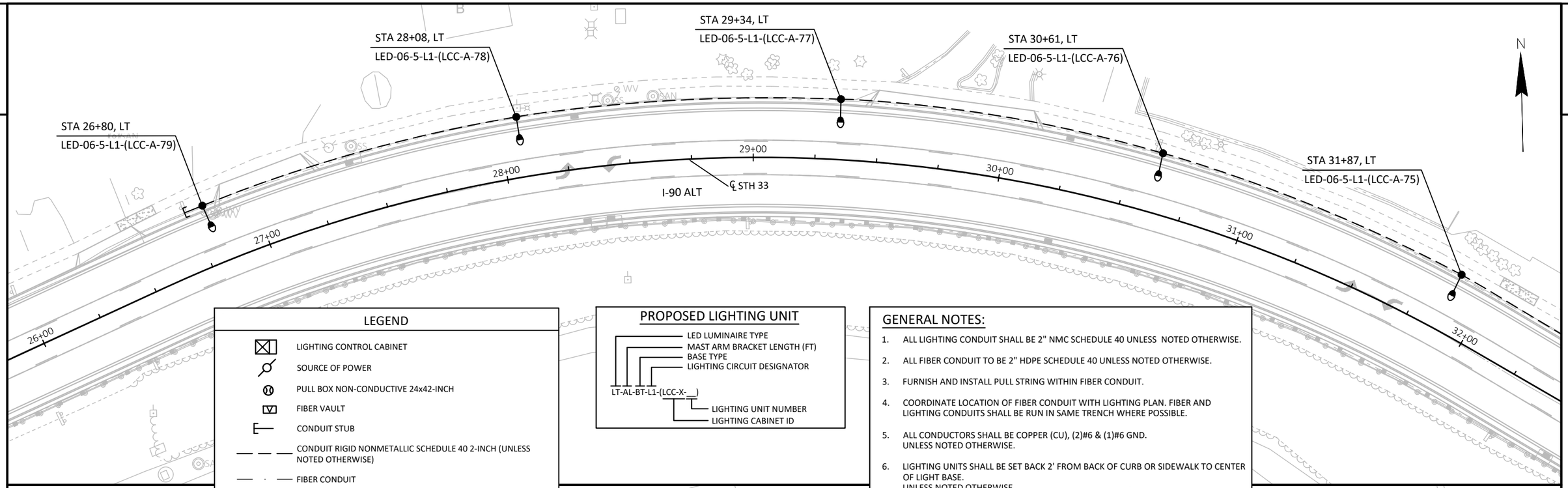
LEGEND

- POLES TYPE 5M-ALUMINUM (SEE SPECIAL PROVISIONS) LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 4-FT CONCRETE BASE TYPE 5, TRANSFORMER BASE LED LAMP TYPE B
- LIGHTING CONTROL CABINET AND ELECTRICAL SERVICE BREAKER PEDESTAL ON CONCRETE CONTROL CABINET BASE
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH (SCHEDULE 80 BELOW ROADWAY)
- EMPTY CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH AT 36" BELOW GRADE
- PULL BOXES NON-CONDUCTIVE 24X42-INCH



PROJECT NO: 5090-05-60	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 194 E

2



LEGEND

- LIGHTING CONTROL CABINET
- SOURCE OF POWER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- FIBER VAULT
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- FIBER CONDUIT
- LIGHTING UNIT TYPE SPECIAL 1
- SIGNAL LIGHTING UNIT (SEE SIGNAL PLANS)

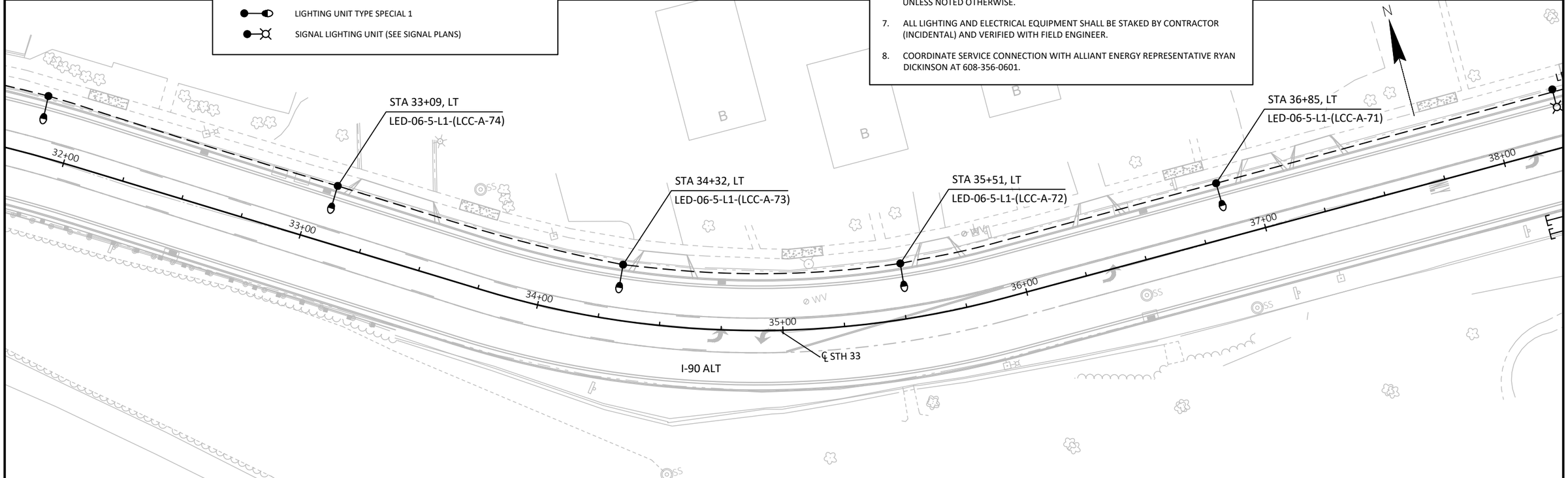
PROPOSED LIGHTING UNIT

LT-AL-BT-L1-(LCC-X-__)

- LT: LED LUMINAIRE TYPE
- AL: MAST ARM BRACKET LENGTH (FT)
- BT: BASE TYPE
- L1: LIGHTING CIRCUIT DESIGNATOR
- LCC-X-: LIGHTING CABINET ID
- __: LIGHTING UNIT NUMBER

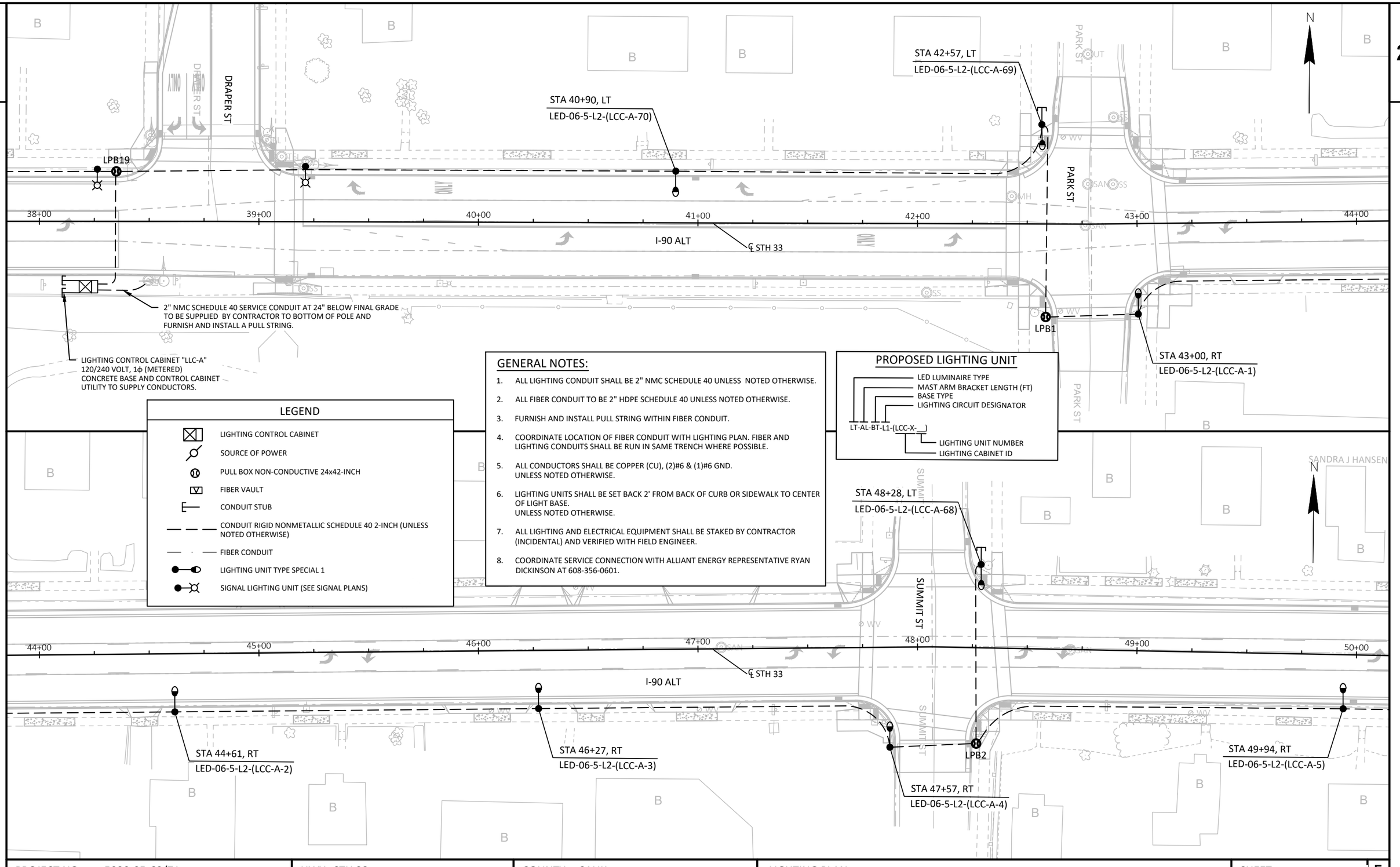
GENERAL NOTES:

1. ALL LIGHTING CONDUIT SHALL BE 2" NMC SCHEDULE 40 UNLESS NOTED OTHERWISE.
2. ALL FIBER CONDUIT TO BE 2" HDPE SCHEDULE 40 UNLESS NOTED OTHERWISE.
3. FURNISH AND INSTALL PULL STRING WITHIN FIBER CONDUIT.
4. COORDINATE LOCATION OF FIBER CONDUIT WITH LIGHTING PLAN. FIBER AND LIGHTING CONDUITS SHALL BE RUN IN SAME TRENCH WHERE POSSIBLE.
5. ALL CONDUCTORS SHALL BE COPPER (CU), (2)#6 & (1)#6 GND. UNLESS NOTED OTHERWISE.
6. LIGHTING UNITS SHALL BE SET BACK 2' FROM BACK OF CURB OR SIDEWALK TO CENTER OF LIGHT BASE. UNLESS NOTED OTHERWISE.
7. ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE STAKED BY CONTRACTOR (INCIDENTAL) AND VERIFIED WITH FIELD ENGINEER.
8. COORDINATE SERVICE CONNECTION WITH ALLIANT ENERGY REPRESENTATIVE RYAN DICKINSON AT 608-356-0601.



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 195 E

FILE NAME : X:\AE\B\BARAB\156475\CIVIL 3D\50900501\SHEETSPLAN\023501-LP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/26/2023 4:10 PM
PLOT BY : GARY ELLIAS
PLOT NAME :
PLOT SCALE : 1.0 IN = 40.0 FT
WISDOT/CADDS SHEET 44



LEGEND

- LIGHTING CONTROL CABINET
- SOURCE OF POWER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- FIBER VAULT
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- FIBER CONDUIT
- LIGHTING UNIT TYPE SPECIAL 1
- SIGNAL LIGHTING UNIT (SEE SIGNAL PLANS)

GENERAL NOTES:

1. ALL LIGHTING CONDUIT SHALL BE 2" NMC SCHEDULE 40 UNLESS NOTED OTHERWISE.
2. ALL FIBER CONDUIT TO BE 2" HDPE SCHEDULE 40 UNLESS NOTED OTHERWISE.
3. FURNISH AND INSTALL PULL STRING WITHIN FIBER CONDUIT.
4. COORDINATE LOCATION OF FIBER CONDUIT WITH LIGHTING PLAN. FIBER AND LIGHTING CONDUITS SHALL BE RUN IN SAME TRENCH WHERE POSSIBLE.
5. ALL CONDUCTORS SHALL BE COPPER (CU), (2)#6 & (1)#6 GND. UNLESS NOTED OTHERWISE.
6. LIGHTING UNITS SHALL BE SET BACK 2' FROM BACK OF CURB OR SIDEWALK TO CENTER OF LIGHT BASE. UNLESS NOTED OTHERWISE.
7. ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE STAKED BY CONTRACTOR (INCIDENTAL) AND VERIFIED WITH FIELD ENGINEER.
8. COORDINATE SERVICE CONNECTION WITH ALLIANT ENERGY REPRESENTATIVE RYAN DICKINSON AT 608-356-0601.

PROPOSED LIGHTING UNIT

LED LUMINAIRE TYPE
MAST ARM BRACKET LENGTH (FT)
BASE TYPE
LIGHTING CIRCUIT DESIGNATOR

LT-AL-BT-L1-(LCC-X-__)

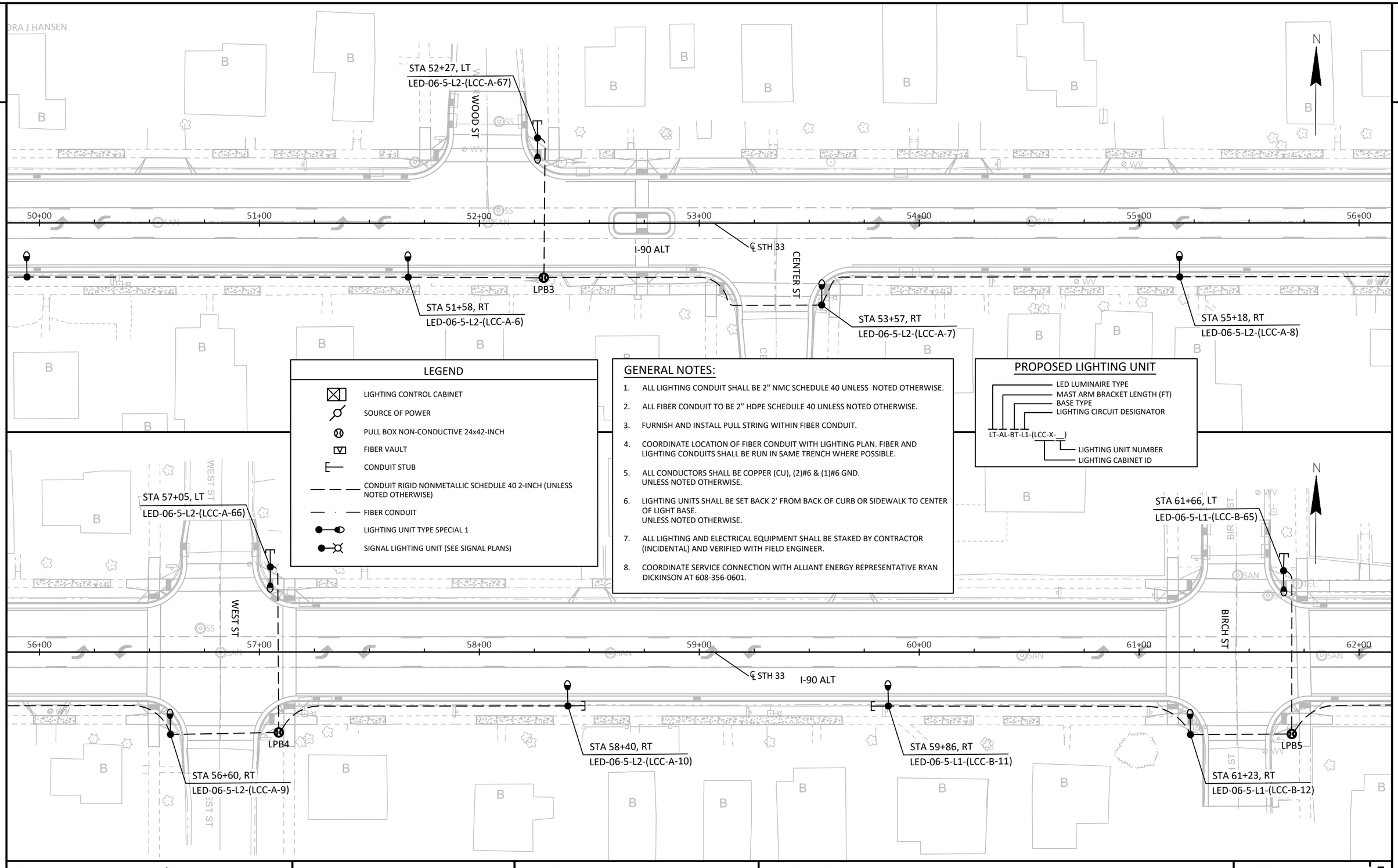
LIGHTING UNIT NUMBER
LIGHTING CABINET ID

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 196 E

FILE NAME : X:\AE\B\BARAB\156475\CIVIL 3D\50900501\SHEETSPLAN\023501-LP.DWG
LAYOUT NAME - 02
PLOT DATE : 4/26/2023 4:11 PM
PLOT BY : GARY ELLIAS
PLOT NAME :
PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 44

2



LEGEND

- LIGHTING CONTROL CABINET
- SOURCE OF POWER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- FIBER VAULT
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- FIBER CONDUIT
- LIGHTING UNIT TYPE SPECIAL 1
- SIGNAL LIGHTING UNIT (SEE SIGNAL PLANS)

GENERAL NOTES:

1. ALL LIGHTING CONDUIT SHALL BE 2" NMC SCHEDULE 40 UNLESS NOTED OTHERWISE.
2. ALL FIBER CONDUIT TO BE 2" HDPE SCHEDULE 40 UNLESS NOTED OTHERWISE.
3. FURNISH AND INSTALL PULL STRING WITHIN FIBER CONDUIT.
4. COORDINATE LOCATION OF FIBER CONDUIT WITH LIGHTING PLAN. FIBER AND LIGHTING CONDUITS SHALL BE RUN IN SAME TRENCH WHERE POSSIBLE.
5. ALL CONDUCTORS SHALL BE COPPER (CU), (2)#6 & (1)#6 GND. UNLESS NOTED OTHERWISE.
6. LIGHTING UNITS SHALL BE SET BACK 2' FROM BACK OF CURB OR SIDEWALK TO CENTER OF LIGHT BASE. UNLESS NOTED OTHERWISE.
7. ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE STAKED BY CONTRACTOR (INCIDENTAL) AND VERIFIED WITH FIELD ENGINEER.
8. COORDINATE SERVICE CONNECTION WITH ALLIANT ENERGY REPRESENTATIVE RYAN DICKINSON AT 608-356-0601.

PROPOSED LIGHTING UNIT

LED LUMINAIRE TYPE
MAST ARM BRACKET LENGTH (FT)
BASE TYPE
LIGHTING CIRCUIT DESIGNATOR

LT-AL-BT-L1-(LCC-X-__)

LIGHTING UNIT NUMBER
LIGHTING CABINET ID

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 197 E

FILE NAME : X:\AE\B\BARAB\156475\CIVIL 3D\50900501\SHEETSPLAN\023501-LP.DWG
LAYOUT NAME - 03
PLOT DATE : 4/26/2023 4:11 PM
PLOT BY : GARY ELLIAS
PLOT NAME :
PLOT SCALE : 1.0 IN = 40.0 FT
WISDOT/CADDS SHEET 44

LIGHTING UNIT SHALL BE INSTALLED 2' FROM FRONT OF CURB TO CENTER OF LIGHT BASE

62+00 63+00 64+00 65+00 66+00 67+00 68+00

I-90 ALT

℄ STH 33

BROADWAY ST

STA 63+22, RT
LED-06-5-L1-(LCC-B-13)

STA 64+66, RT
LED-06-5-L1-(LCC-B-14)

LPB6

LPB7

GENERAL NOTES:

1. ALL LIGHTING CONDUIT SHALL BE 2" NMC SCHEDULE 40 UNLESS NOTED OTHERWISE.
2. ALL FIBER CONDUIT TO BE 2" HDPE SCHEDULE 40 UNLESS NOTED OTHERWISE.
3. FURNISH AND INSTALL PULL STRING WITHIN FIBER CONDUIT.
4. COORDINATE LOCATION OF FIBER CONDUIT WITH LIGHTING PLAN. FIBER AND LIGHTING CONDUITS SHALL BE RUN IN SAME TRENCH WHERE POSSIBLE.
5. ALL CONDUCTORS SHALL BE COPPER (CU), (2)#6 & (1)#6 GND. UNLESS NOTED OTHERWISE.
6. LIGHTING UNITS SHALL BE SET BACK 2' FROM BACK OF CURB OR SIDEWALK TO CENTER OF LIGHT BASE. UNLESS NOTED OTHERWISE.
7. ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE STAKED BY CONTRACTOR (INCIDENTAL) AND VERIFIED WITH FIELD ENGINEER.
8. COORDINATE SERVICE CONNECTION WITH ALLIANT ENERGY REPRESENTATIVE RYAN DICKINSON AT 608-356-0601.

PROPOSED LIGHTING UNIT

LT-AL-BT-L1-(LCC-X-__)

- LED LUMINAIRE TYPE
- MAST ARM BRACKET LENGTH (FT)
- BASE TYPE
- LIGHTING CIRCUIT DESIGNATOR
- LIGHTING UNIT NUMBER
- LIGHTING CABINET ID

LEGEND

- LIGHTING CONTROL CABINET
- SOURCE OF POWER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- FIBER VAULT
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- FIBER CONDUIT
- LIGHTING UNIT TYPE SPECIAL 1
- SIGNAL LIGHTING UNIT (SEE SIGNAL PLANS)

STA 71+15, LT
LED-06-5-L1-(LCC-B-64)

OAK ST

68+00 69+00 70+00 71+00 72+00 73+00 74+00

℄ STH 33

I-90 ALT

LPB8

STA 69+04, RT
LED-06-5-L1-(LCC-B-15)

STA 70+70, RT
LED-06-5-L1-(LCC-B-16)

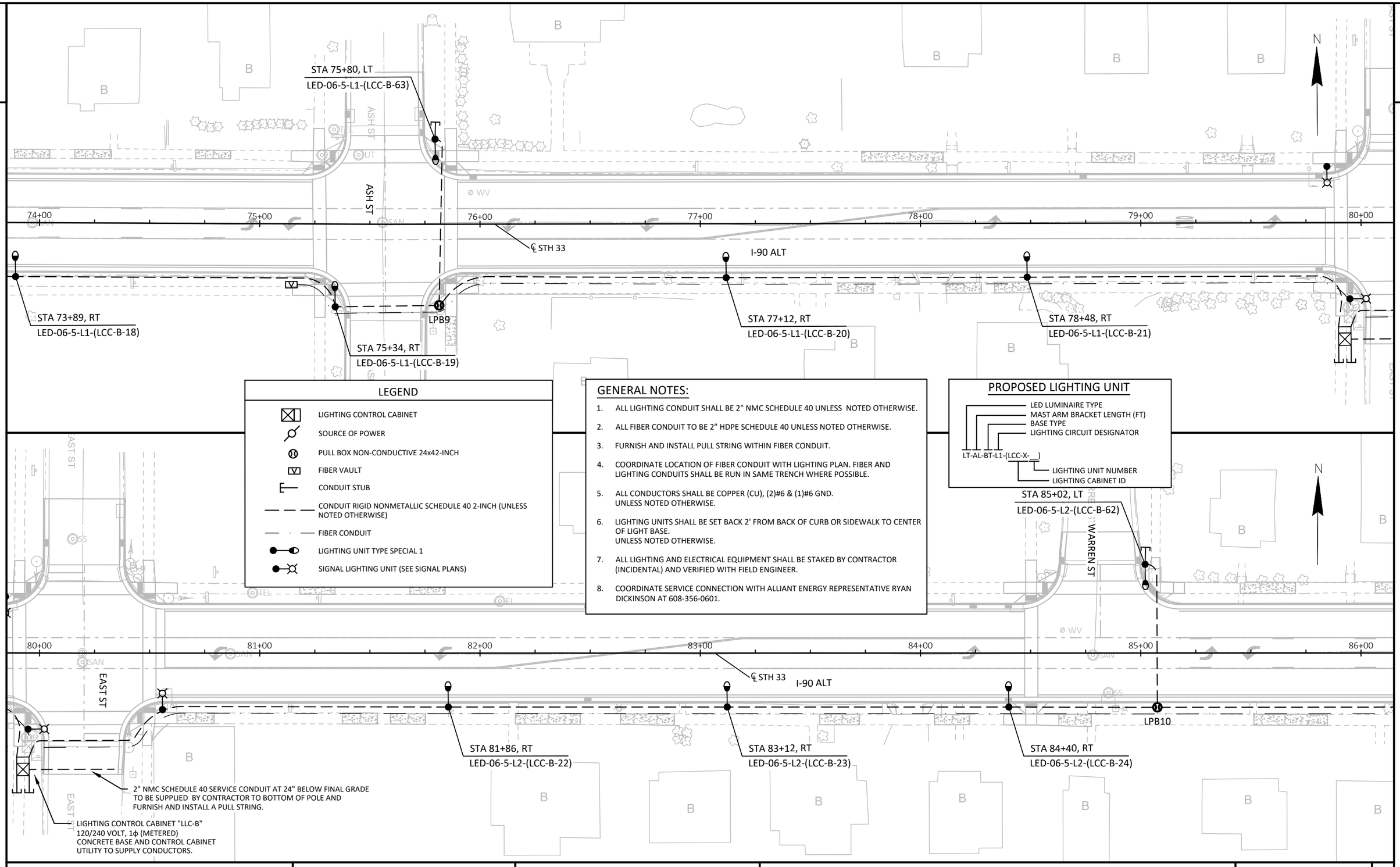
STA 72+47, RT
LED-06-5-L1-(LCC-B-17)

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 198 E

FILE NAME : X:\AE\B\BARAB\156475\CIVIL 3D\50900501\SHEETSPLAN\023501-LP.DWG
LAYOUT NAME - 04

PLOT DATE : 4/26/2023 4:11 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1.0 IN = 40.0 FT

2



LEGEND

- LIGHTING CONTROL CABINET
- SOURCE OF POWER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- FIBER VAULT
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- FIBER CONDUIT
- LIGHTING UNIT TYPE SPECIAL 1
- SIGNAL LIGHTING UNIT (SEE SIGNAL PLANS)

GENERAL NOTES:

1. ALL LIGHTING CONDUIT SHALL BE 2" NMC SCHEDULE 40 UNLESS NOTED OTHERWISE.
2. ALL FIBER CONDUIT TO BE 2" HDPE SCHEDULE 40 UNLESS NOTED OTHERWISE.
3. FURNISH AND INSTALL PULL STRING WITHIN FIBER CONDUIT.
4. COORDINATE LOCATION OF FIBER CONDUIT WITH LIGHTING PLAN. FIBER AND LIGHTING CONDUITS SHALL BE RUN IN SAME TRENCH WHERE POSSIBLE.
5. ALL CONDUCTORS SHALL BE COPPER (CU), (2)#6 & (1)#6 GND. UNLESS NOTED OTHERWISE.
6. LIGHTING UNITS SHALL BE SET BACK 2' FROM BACK OF CURB OR SIDEWALK TO CENTER OF LIGHT BASE. UNLESS NOTED OTHERWISE.
7. ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE STAKED BY CONTRACTOR (INCIDENTAL) AND VERIFIED WITH FIELD ENGINEER.
8. COORDINATE SERVICE CONNECTION WITH ALLIANT ENERGY REPRESENTATIVE RYAN DICKINSON AT 608-356-0601.

PROPOSED LIGHTING UNIT

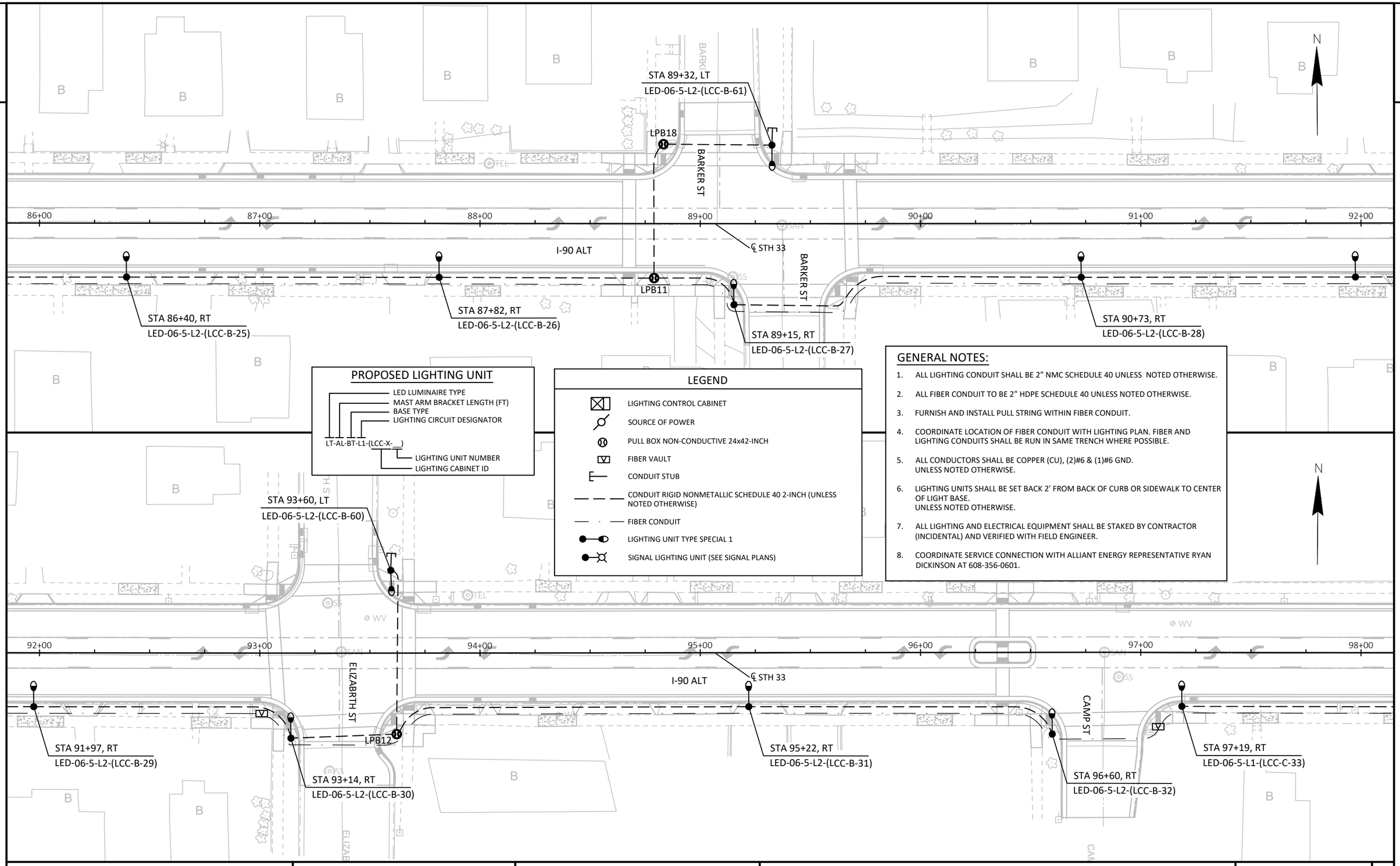
LED LUMINAIRE TYPE
MAST ARM BRACKET LENGTH (FT)
BASE TYPE
LIGHTING CIRCUIT DESIGNATOR

LT-AL-BT-L1-(LCC-X-__)

LIGHTING UNIT NUMBER
LIGHTING CABINET ID

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 199	E

2



PROPOSED LIGHTING UNIT

LT-AL-BT-L1-(LCC-X-__)

- LED LUMINAIRE TYPE
- MAST ARM BRACKET LENGTH (FT)
- BASE TYPE
- LIGHTING CIRCUIT DESIGNATOR
- LIGHTING UNIT NUMBER
- LIGHTING CABINET ID

LEGEND

- LIGHTING CONTROL CABINET
- SOURCE OF POWER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- FIBER VAULT
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- FIBER CONDUIT
- LIGHTING UNIT TYPE SPECIAL 1
- SIGNAL LIGHTING UNIT (SEE SIGNAL PLANS)

GENERAL NOTES:

1. ALL LIGHTING CONDUIT SHALL BE 2" NMC SCHEDULE 40 UNLESS NOTED OTHERWISE.
2. ALL FIBER CONDUIT TO BE 2" HDPE SCHEDULE 40 UNLESS NOTED OTHERWISE.
3. FURNISH AND INSTALL PULL STRING WITHIN FIBER CONDUIT.
4. COORDINATE LOCATION OF FIBER CONDUIT WITH LIGHTING PLAN. FIBER AND LIGHTING CONDUITS SHALL BE RUN IN SAME TRENCH WHERE POSSIBLE.
5. ALL CONDUCTORS SHALL BE COPPER (CU), (2)#6 & (1)#6 GND. UNLESS NOTED OTHERWISE.
6. LIGHTING UNITS SHALL BE SET BACK 2' FROM BACK OF CURB OR SIDEWALK TO CENTER OF LIGHT BASE. UNLESS NOTED OTHERWISE.
7. ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE STAKED BY CONTRACTOR (INCIDENTAL) AND VERIFIED WITH FIELD ENGINEER.
8. COORDINATE SERVICE CONNECTION WITH ALLIANT ENERGY REPRESENTATIVE RYAN DICKINSON AT 608-356-0601.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 200 E

FILE NAME : X:\AE\B\BARAB\156475\CIVIL 3D\50900501\SHEETSPLAN\023501-LP.DWG
LAYOUT NAME - 06
PLOT DATE : 4/26/2023 4:12 PM
PLOT BY : GARY ELLIAS
PLOT NAME :
PLOT SCALE : 1.0 IN = #### FT
WISDOT/CADDS SHEET 44

2

STA 100+44, LT
LED-06-5-L1-(LCC-C-59)

LPB17

TUTTLE ST

98+00 99+00 100+00 101+00 102+00 103+00 104+00

℄ STH 33

I-90 ALT

LPB13

STA 98+84, RT
LED-06-5-L1-(LCC-C-34)

STA 101+04, RT
LED-06-5-L1-(LCC-C-35)

STA 102+65, RT
LED-06-5-L1-(LCC-C-36)

LEGEND

- LIGHTING CONTROL CABINET
- SOURCE OF POWER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- FIBER VAULT
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- FIBER CONDUIT
- LIGHTING UNIT TYPE SPECIAL 1
- SIGNAL LIGHTING UNIT (SEE SIGNAL PLANS)

GENERAL NOTES:

1. ALL LIGHTING CONDUIT SHALL BE 2" NMC SCHEDULE 40 UNLESS NOTED OTHERWISE.
2. ALL FIBER CONDUIT TO BE 2" HDPE SCHEDULE 40 UNLESS NOTED OTHERWISE.
3. FURNISH AND INSTALL PULL STRING WITHIN FIBER CONDUIT.
4. COORDINATE LOCATION OF FIBER CONDUIT WITH LIGHTING PLAN. FIBER AND LIGHTING CONDUITS SHALL BE RUN IN SAME TRENCH WHERE POSSIBLE.
5. ALL CONDUCTORS SHALL BE COPPER (CU), (2)#6 & (1)#6 GND. UNLESS NOTED OTHERWISE.
6. LIGHTING UNITS SHALL BE SET BACK 2' FROM BACK OF CURB OR SIDEWALK TO CENTER OF LIGHT BASE. UNLESS NOTED OTHERWISE.
7. ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE STAKED BY CONTRACTOR (INCIDENTAL) AND VERIFIED WITH FIELD ENGINEER.
8. COORDINATE SERVICE CONNECTION WITH ALLIANT ENERGY REPRESENTATIVE RYAN DICKINSON AT 608-356-0601.

PROPOSED LIGHTING UNIT

LT-AL-BT-L1-(LCC-X-__)

- LED LUMINAIRE TYPE
- MAST ARM BRACKET LENGTH (FT)
- BASE TYPE
- LIGHTING CIRCUIT DESIGNATOR
- S.O.P.
- LIGHTING UNIT NUMBER
- LIGHTING CABINET ID

STA 108+38, LT
LED-06-5-L1-(LCC-C-58)

JEFFERSON ST

104+00 105+00 106+00 107+00 108+00 109+00 110+00

℄ STH 33

I-90 ALT

JEFFERSON ST

LPB14

STA 104+28, RT
LED-06-5-L1-(LCC-C-37)

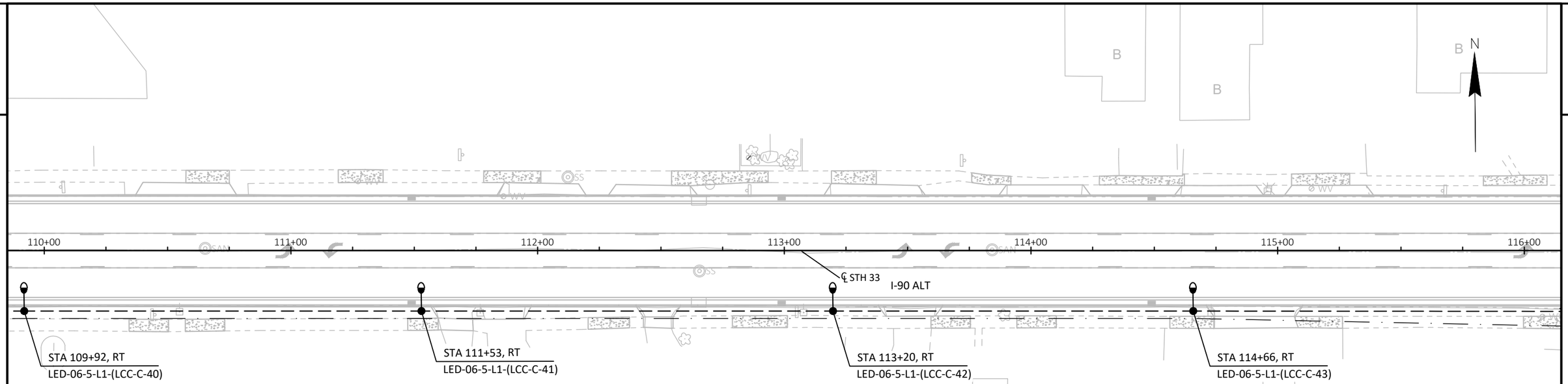
STA 105+91, RT
LED-06-5-L1-(LCC-C-38)

STA 107+43, RT
LED-06-5-L1-(LCC-C-39)

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 201	E

FILE NAME : X:\AE\B\BARAB\156475\CIVIL 3D\50900501\SHEETSPLAN\023501-LP.DWG
LAYOUT NAME - 07
PLOT DATE : 4/26/2023 4:12 PM
PLOT BY : GARY ELLIAS
PLOT NAME :
PLOT SCALE : 1.0 IN = 40.0 FT
WISDOT/CADDS SHEET 44

2



LEGEND

- LIGHTING CONTROL CABINET
- SOURCE OF POWER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- FIBER VAULT
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- FIBER CONDUIT
- LIGHTING UNIT TYPE SPECIAL 1
- SIGNAL LIGHTING UNIT (SEE SIGNAL PLANS)

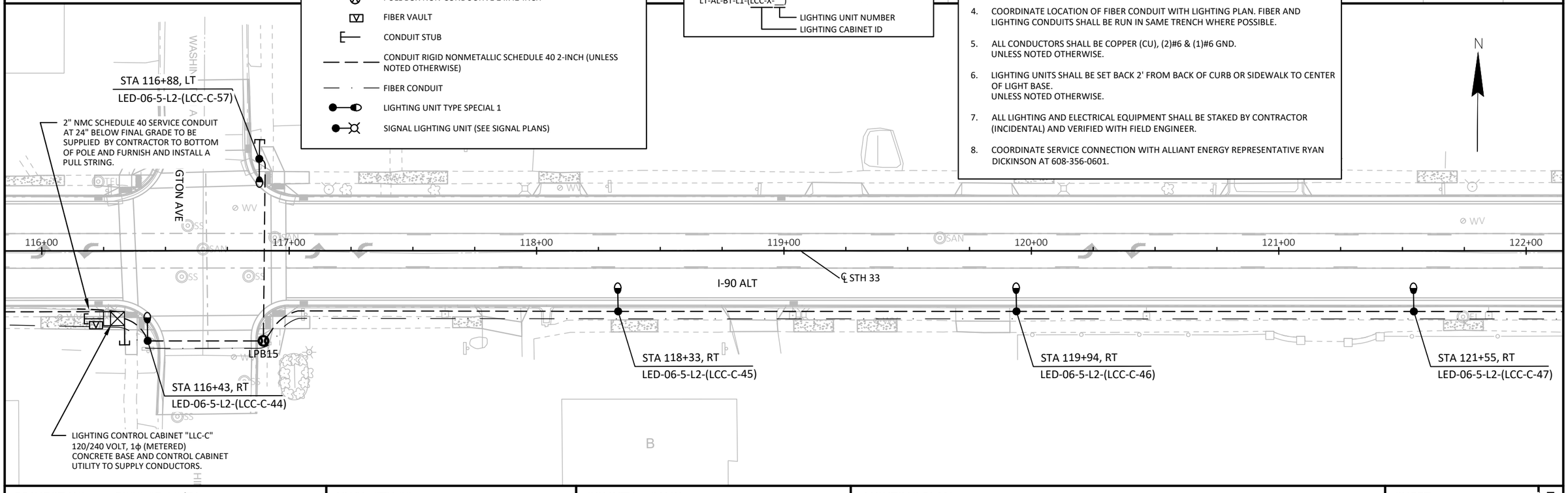
PROPOSED LIGHTING UNIT

LT-AL-BT-L1-(LCC-X-__)

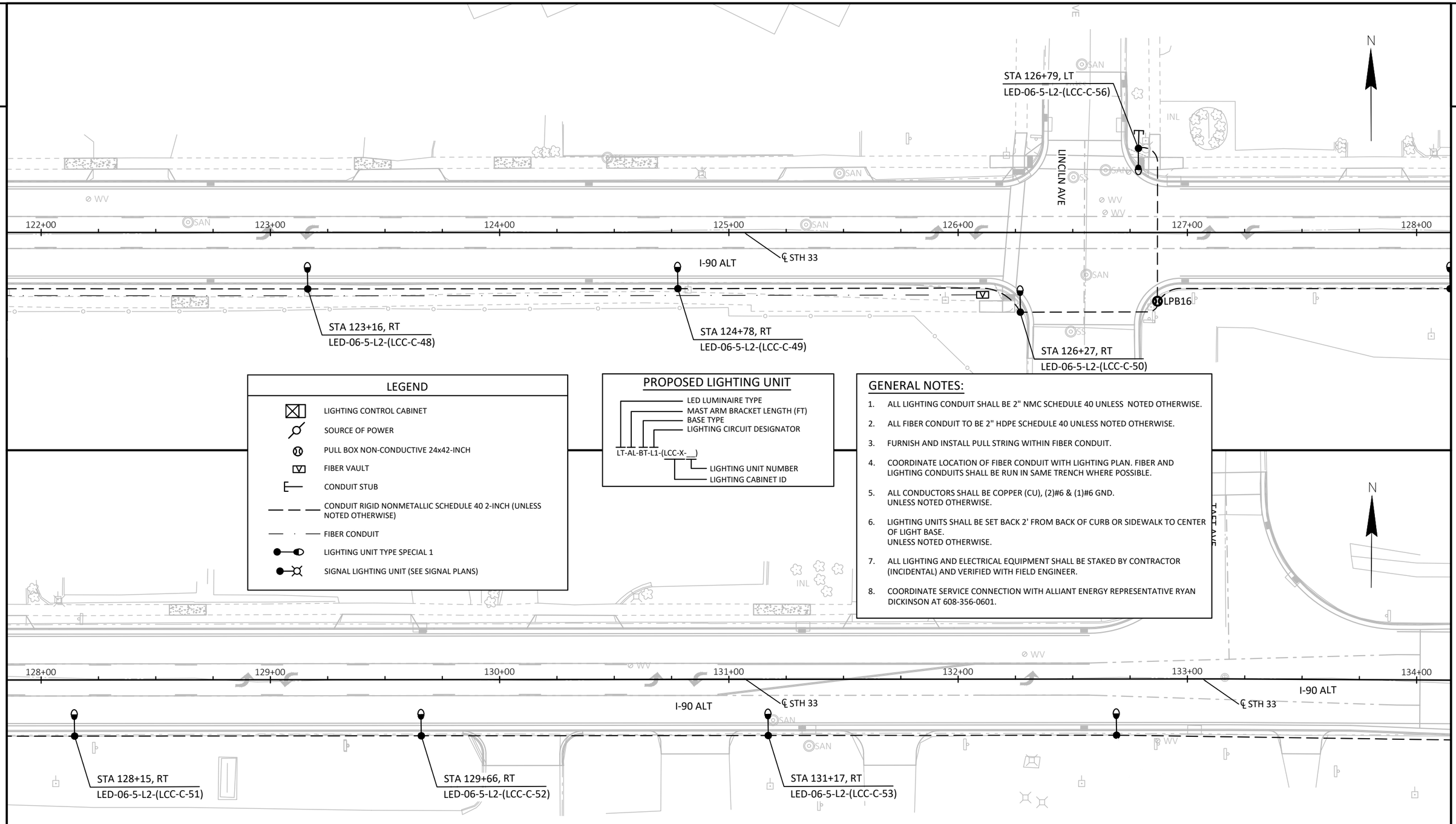
- LED LUMINAIRE TYPE
- MAST ARM BRACKET LENGTH (FT)
- BASE TYPE
- LIGHTING CIRCUIT DESIGNATOR
- LIGHTING UNIT NUMBER
- LIGHTING CABINET ID

GENERAL NOTES:

1. ALL LIGHTING CONDUIT SHALL BE 2" NMC SCHEDULE 40 UNLESS NOTED OTHERWISE.
2. ALL FIBER CONDUIT TO BE 2" HDPE SCHEDULE 40 UNLESS NOTED OTHERWISE.
3. FURNISH AND INSTALL PULL STRING WITHIN FIBER CONDUIT.
4. COORDINATE LOCATION OF FIBER CONDUIT WITH LIGHTING PLAN. FIBER AND LIGHTING CONDUITS SHALL BE RUN IN SAME TRENCH WHERE POSSIBLE.
5. ALL CONDUCTORS SHALL BE COPPER (CU), (2)#6 & (1)#6 GND. UNLESS NOTED OTHERWISE.
6. LIGHTING UNITS SHALL BE SET BACK 2' FROM BACK OF CURB OR SIDEWALK TO CENTER OF LIGHT BASE. UNLESS NOTED OTHERWISE.
7. ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE STAKED BY CONTRACTOR (INCIDENTAL) AND VERIFIED WITH FIELD ENGINEER.
8. COORDINATE SERVICE CONNECTION WITH ALLIANT ENERGY REPRESENTATIVE RYAN DICKINSON AT 608-356-0601.



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 202 E



LEGEND

- LIGHTING CONTROL CABINET
- SOURCE OF POWER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- FIBER VAULT
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- FIBER CONDUIT
- LIGHTING UNIT TYPE SPECIAL 1
- SIGNAL LIGHTING UNIT (SEE SIGNAL PLANS)

PROPOSED LIGHTING UNIT

LT-AL-BT-L1-(LCC-X-__)

- LED LUMINAIRE TYPE
- MAST ARM BRACKET LENGTH (FT)
- BASE TYPE
- LIGHTING CIRCUIT DESIGNATOR
- LIGHTING UNIT NUMBER
- LIGHTING CABINET ID

GENERAL NOTES:

1. ALL LIGHTING CONDUIT SHALL BE 2" NMC SCHEDULE 40 UNLESS NOTED OTHERWISE.
2. ALL FIBER CONDUIT TO BE 2" HDPE SCHEDULE 40 UNLESS NOTED OTHERWISE.
3. FURNISH AND INSTALL PULL STRING WITHIN FIBER CONDUIT.
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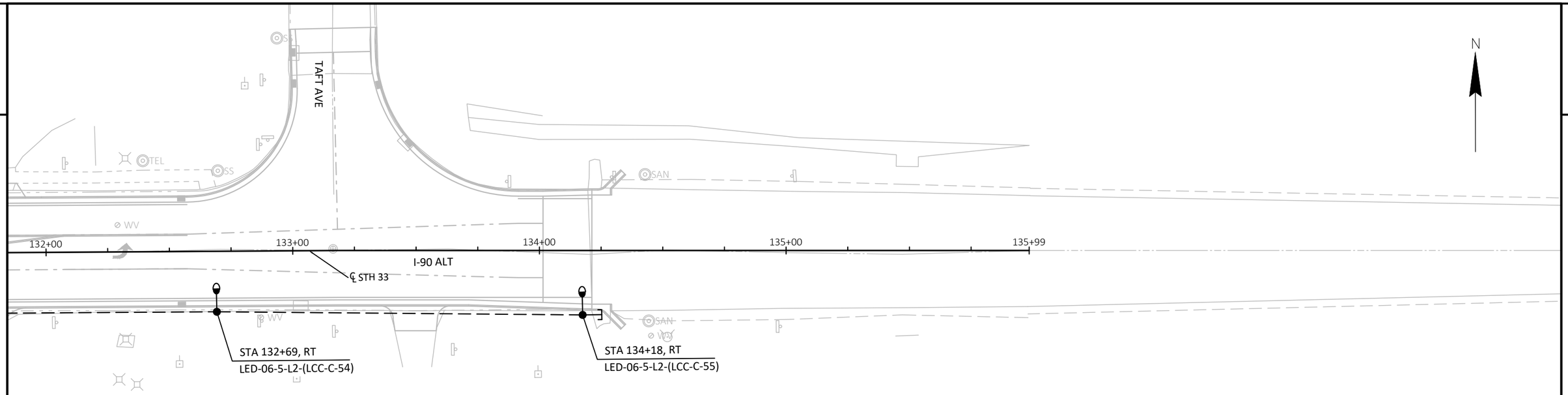
7. ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE STAKED BY CONTRACTOR (INCIDENTAL) AND VERIFIED WITH FIELD ENGINEER.
8. COORDINATE SERVICE CONNECTION WITH ALLIANT ENERGY REPRESENTATIVE RYAN DICKINSON AT 608-356-0601.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET 203 E

FILE NAME : X:\AE\B\BARAB\156475\CIVIL 3D\50900501\SHEETSPLAN\023501-LP.DWG
LAYOUT NAME - 09
PLOT DATE : 4/26/2023 4:13 PM
PLOT BY : GARY ELLIAS
PLOT NAME :
PLOT SCALE : 1.0 IN = 40.0 FT
WISDOT/CADDS SHEET 44



LEGEND

- LIGHTING CONTROL CABINET
- SOURCE OF POWER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- FIBER VAULT
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- FIBER CONDUIT
- LIGHTING UNIT TYPE SPECIAL 1
- SIGNAL LIGHTING UNIT (SEE SIGNAL PLANS)

PROPOSED LIGHTING UNIT

LT-AL-BT-L1-(LCC-X-__)

- LED LUMINAIRE TYPE
- MAST ARM BRACKET LENGTH (FT)
- BASE TYPE
- LIGHTING CIRCUIT DESIGNATOR
- LIGHTING UNIT NUMBER
- LIGHTING CABINET ID

GENERAL NOTES:

1. ALL LIGHTING CONDUIT SHALL BE 2" NMC SCHEDULE 40 UNLESS NOTED OTHERWISE.
2. ALL FIBER CONDUIT TO BE 2" HDPE SCHEDULE 40 UNLESS NOTED OTHERWISE.
3. FURNISH AND INSTALL PULL STRING WITHIN FIBER CONDUIT.
4. COORDINATE LOCATION OF FIBER CONDUIT WITH LIGHTING PLAN. FIBER AND LIGHTING CONDUITS SHALL BE RUN IN SAME TRENCH WHERE POSSIBLE.
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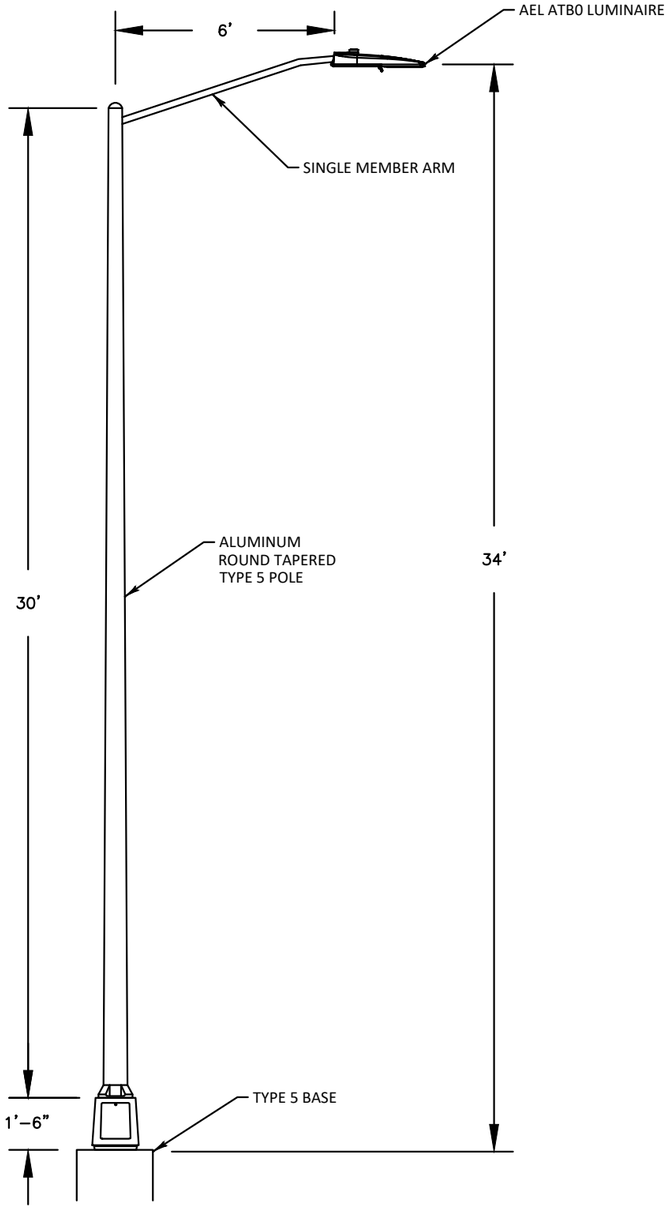
7. ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE STAKED BY CONTRACTOR (INCIDENTAL) AND VERIFIED WITH FIELD ENGINEER.
8. COORDINATE SERVICE CONNECTION WITH ALLIANT ENERGY REPRESENTATIVE RYAN DICKINSON AT 608-356-0601.



LIGHTING UNIT TYPE 1
NOT TO SCALE

EQUIPMENT SCHEDULE

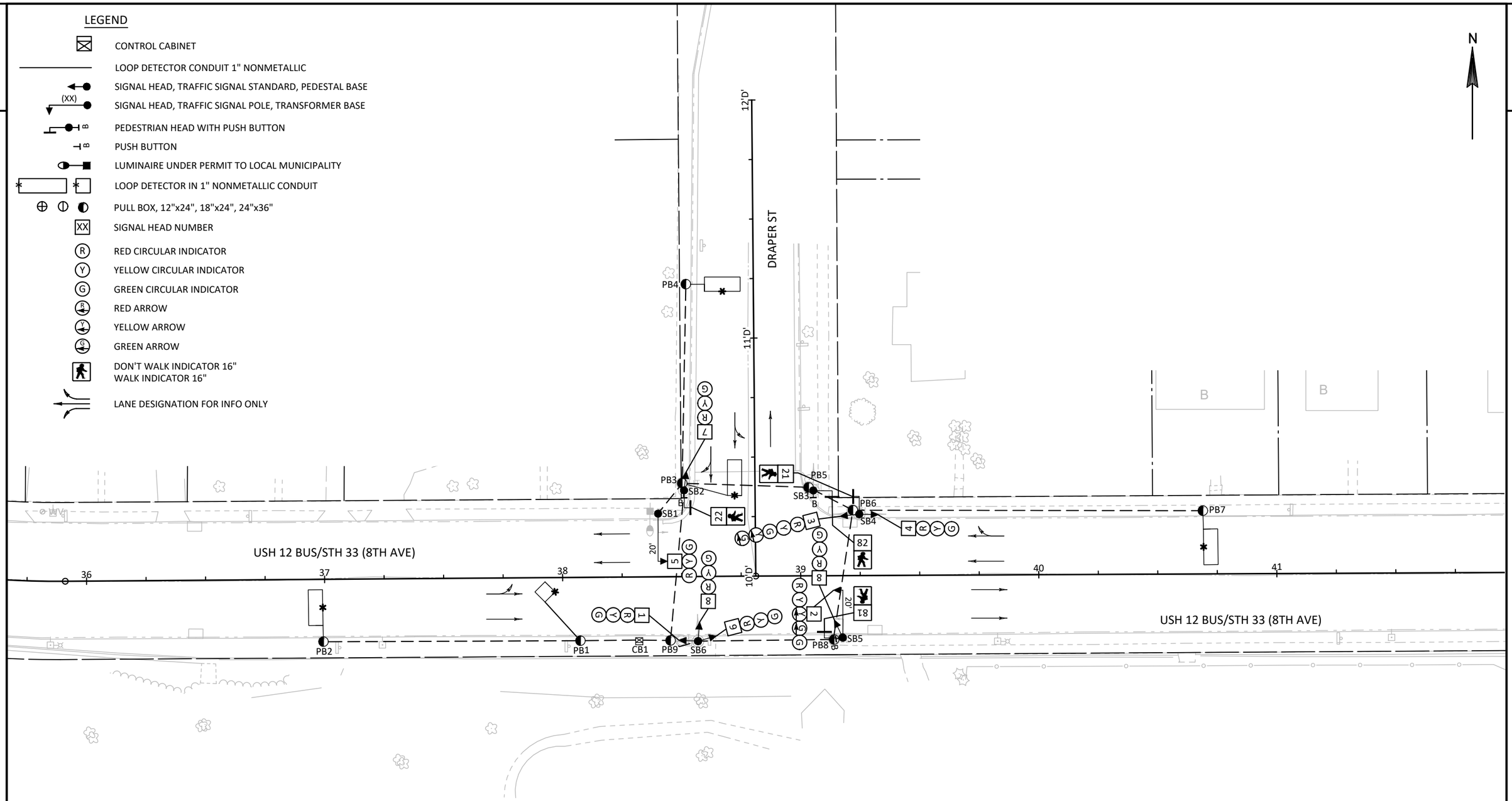
SYMBOL	DESCRIPTION	WATTAGE & CCT	LUMENS	MOUNTING	OPTICS	COLOR & FINISH	MANUFACTURER & SERIES #
	LIGHTING UNIT TYPE 1 LED LUMINAIRE WITH SINGLE MEMBER ARM ON TYPE 5 ALUMINUM POLE ON TRANSFORMER BASE	88 WATT LED 4000K	11,603	30' POLE WITH TRANSFORMER BASE ON CONCRETE BASE	TYPE III	GRAY	AMERICAN ELECTRIC LIGHTING - LUMINAIRE: ATB0 P204 MVOLT R3 MP P7 SH HSS AO RFD338204 HAPCO - POLE AND ARM: RTA30D8BFM16-01

NOTE:
FIELD ADJUSTABLE MODULE (AO MODULE) TO BE FACTORY SET TO POSITION 5.

2

LEGEND

- CONTROL CABINET
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 12"x24", 18"x24", 24"x36"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- LANE DESIGNATION FOR INFO ONLY



TRAFFIC CONTROL SIGNAL
USH 12 BUS/STH 33 (8TH AVENUE) &
DRAPER STREET
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO. LOCAL

REGION CONTACT: TOM PINION
DESIGNED BY: SEH INC.
REVISED BY: REVISED BY

PAGE 1 OF 3

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 206	E

FILE NAME : X:\KO\O\OESOL\152873\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIV3D2020\12345678\SHEETSPLAN\SEC 02 TYP SEC & DETAILS\024001-SP (TRAF SIG SHT REMOVALS).DWG PLOT DATE : 4/26/2023 4:13 PM PLOT BY : SEH LAYOUT NAME : 01 PLOT SCALE : 1.0 IN = 40.0 FT

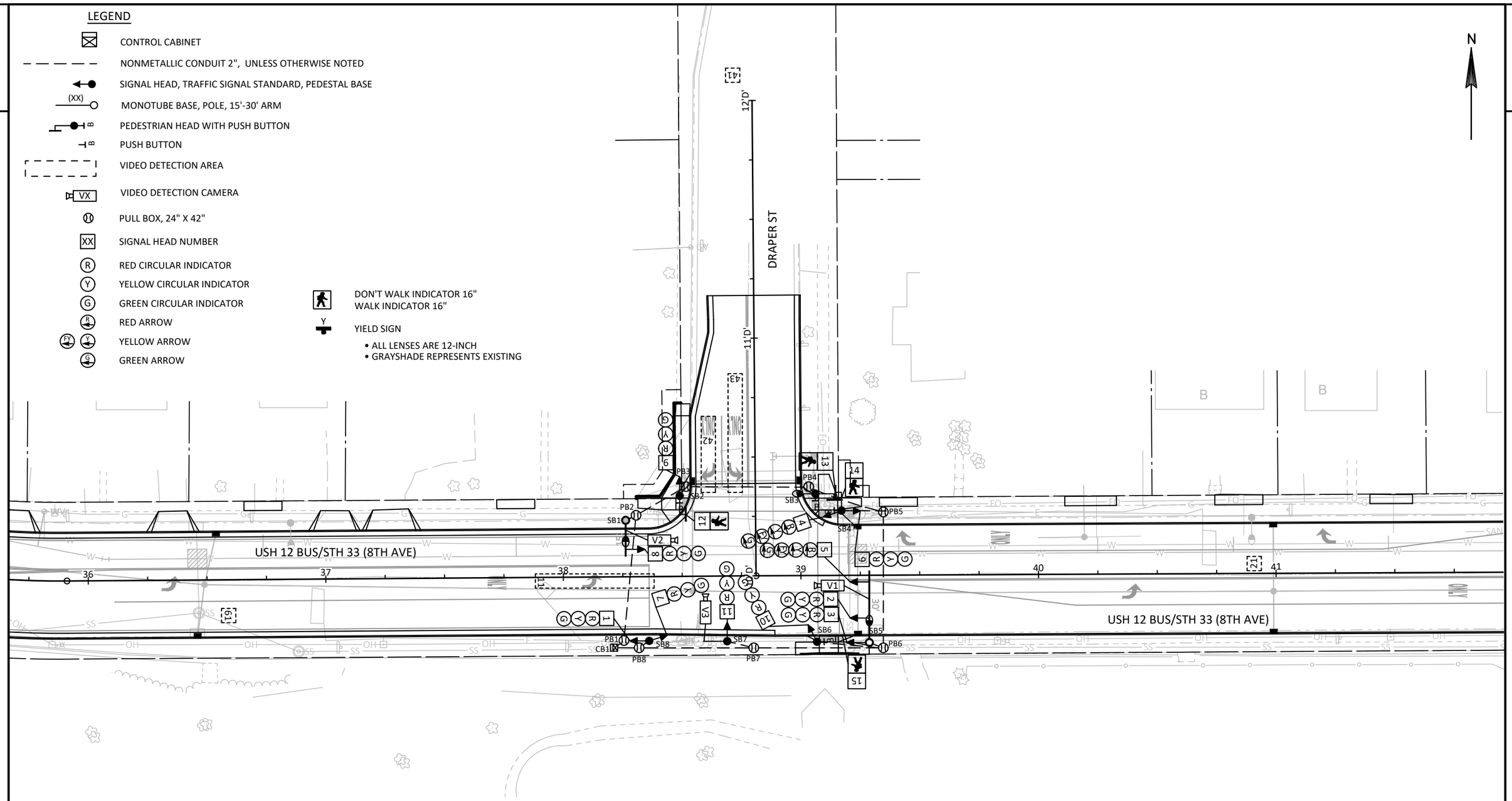
WISDOT/CADDS SHEET 42

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- VIDEO DETECTION AREA
- VX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY Y YELLOW ARROW
- G GREEN ARROW

- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- Y YIELD SIGN

• ALL LENSES ARE 12-INCH
• GRAYSHADE REPRESENTS EXISTING



TRAFFIC CONTROL SIGNAL

USH 12 BUS/STH 33 (8TH AVENUE) &
DRAPER STREET
CITY OF BARABOO
SAUK COUNTY

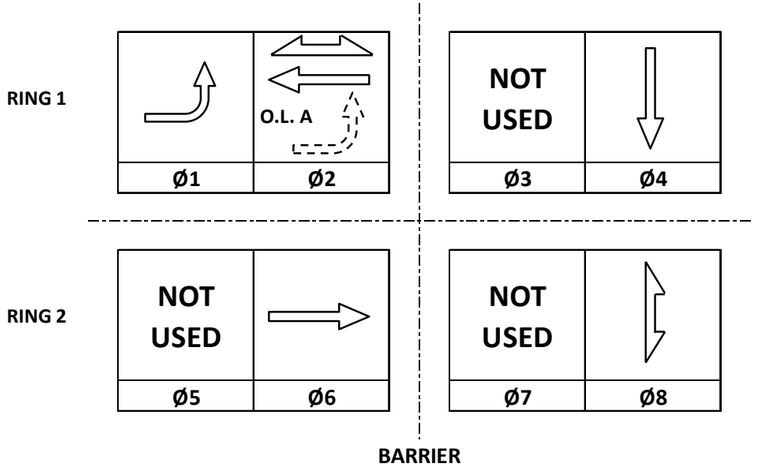
SIGNAL NO. LOCAL

REGION CONTACT: TOM PINION
DESIGNED BY: SEH INC.
REVISED BY: REVISED BY

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC SIGNAL PLAN	SHEET 207	E

FILE NAME : X:\KO\O\OESOL\152873\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIV3D2020\12345678\SHEETSPLAN\SEC 02 TYP SEC & DETAILS\024000-SP (TRAFFIC SIGNAL PLANS STH 33 BARRABOO).DWG PLOT DATE : 4/26/2023 4:13 PM PLOT BY : SEH LAYOUT NAME : 01 PLOT SCALE : 1.0 IN = 40.0 FT
WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5	R ←
Ø2	6,7,8	R
Ø3		
Ø4	9,10,11	R
Ø5		
Ø6	1,2,3	R
Ø7		
Ø8		
Ø2P	12,13	
Ø4P		
Ø6P		
Ø8P	14,15	
OLA	4,5	-
OLB		
OLC		
OLD		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				X
2	X	6	MIN	X
3				
4				X
5			---	
6	X	2	MIN	X
7				
8			---	

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	41	43														PLAN LOOP DETECTOR*(S)
ASSIGNED PHASE	1	4	4														ASSIGNED PHASE
OPERATION MODE	VEH	VEH	VEH														OPERATION MODE
SWITCH																	SWITCH
EXTEND																	EXTEND
DELAY																	DELAY

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	21	42	61														PLAN LOOP DETECTOR*(S)
ASSIGNED PHASE	2	4	6														ASSIGNED PHASE
OPERATION MODE	VEH	VEH	VEH														OPERATION MODE
SWITCH																	SWITCH
EXTEND																	EXTEND
DELAY		X															DELAY

STH 33 & DRAPER STREET
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO: LOCAL CABINET TYPE: TS2
CONTROLLER TYPE: EPAC
DATE: 03/2023 PAGE NO. 2 OF 2

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	SEQUENCE OF OPERATIONS	SHEET NO: 208	E

2

PROJECT ID:	5090-05-60
INTERSECTION:	STH 33 & DRAPER ST

SIGNAL WIRE COLOR CODING	BLK - BLACK	RED - RED	GRN - GREEN
	WHT - WHITE	BLU - BLUE	ORG -

CB_ TO	JUMPER	AWG 14 # OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR									PED BUTTON	OTHER
					RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING> <YELLOW>	D/WALK	WALK		
SB1		7	8	2	RED	ORG	GRN								
SB2		12	9	4	RED	ORG	GRN								
			12	2 PED								BLK	BLU		
SB3		7	14	2 PED								BLK	BLU		
SB4		12	4	1				RED/BLK	ORG/BLK	GRN/BLK	WHT/BLK				
			6	2	RED	ORG	GRN								
			13	8 PED								BLK	BLU		
SB5		12	2	6	RED	ORG	GRN								
			3	6	RED	ORG	GRN								
			5	1				RED/BLK	ORG/BLK	GRN/BLK	WHT/BLK				
SB6		12	10	7	RED	ORG	GRN								
			15	8 PED								BLK	BLU		
SB7		7	11	7	RED	ORG	GRN								
SB8		12	1	6	RED	ORG	GRN								
			7	2	RED	ORG	GRN								

EQUIPMENT GROUNDING	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	CB1

LIGHTING UF 2-12	
FROM	TO
CB1	SB1
SB2	SB3
SB2	SB5

PED BUTTON (LOOP LEAD-IN	
FROM	TO
CB1	SB2
CB1	SB3
CB1	SB4
CB1	SB6

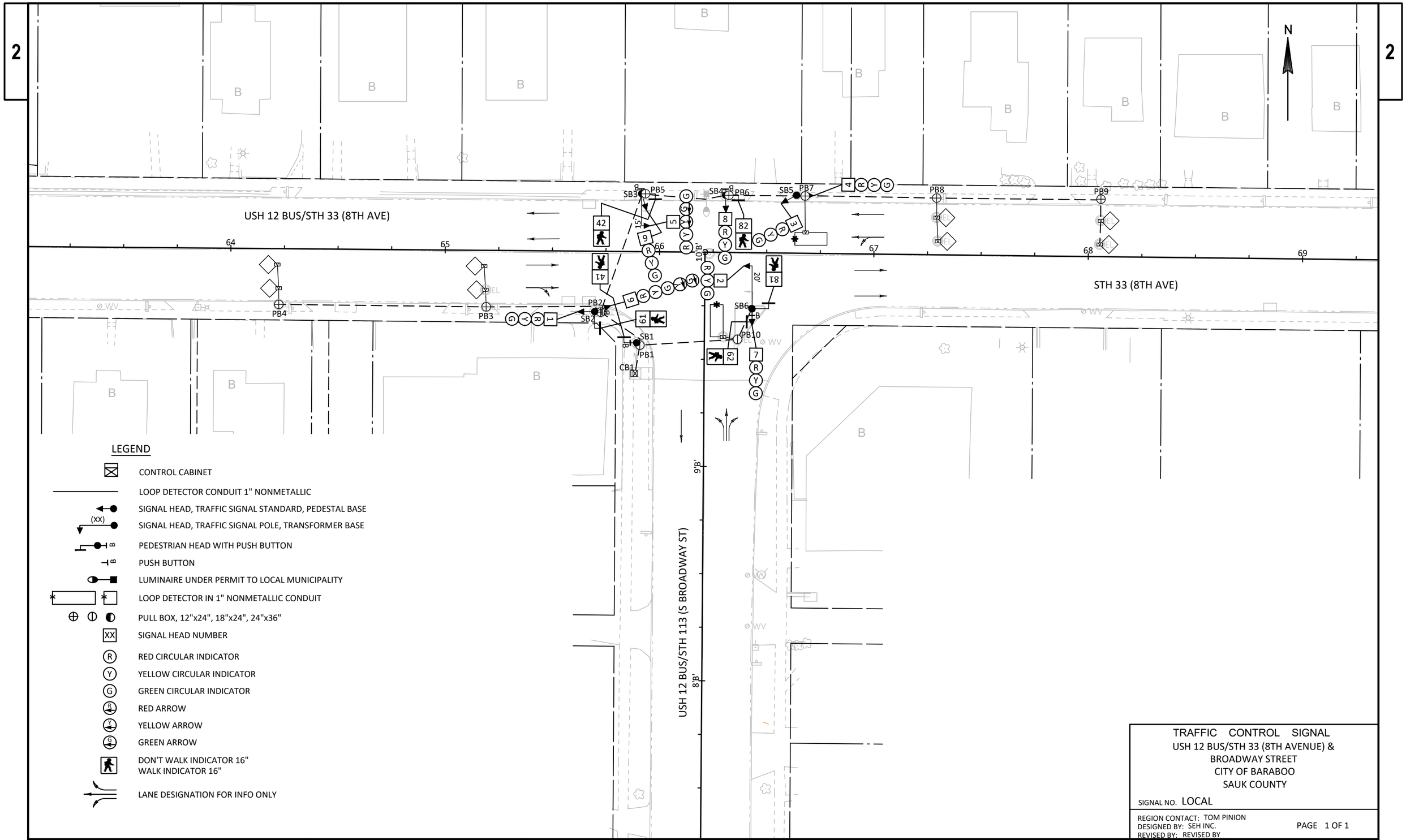
TRAFFIC CONTROL SIGNAL
USH 12 BUS/STH 33 (8TH AVENUE) &
DRAPER STREET
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO. LOCAL

REGION CONTACT: TOM PINION
DESIGNED BY: SEH INC.
REVISED BY: REVISED BY

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CABLE ROUTING	SHEET 209	E

FILE NAME : X:\KO\O\OESOL\152873\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIV3D2020\12345678\SHEETSPLAN\SEC 02 TYP SEC & DETAILS\024000-SP (TRAFFIC SIGNAL PLANS STH 33 BARRABOO).DWG DATE : 4/26/2023 4:13 PM PLOT BY : SEH LAYOUT NAME : 01CR PLOT SCALE : NTS
WISDOT/CADDS SHEET 42



TRAFFIC CONTROL SIGNAL
USH 12 BUS/STH 33 (8TH AVENUE) &
BROADWAY STREET
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO. LOCAL

REGION CONTACT: TOM PINION
DESIGNED BY: SEH INC.
REVISED BY: REVISED BY

PAGE 1 OF 1

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 210	E

FILE NAME : X:\KO\O\OESOL\152873\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIV3D2020\12345678\SHEETSPLAN\SEC 02 TYP SEC & DETAILS\024001-SP (TRAF SIG SHT REMOVALS).DWG PLOT DATE : 4/26/2023 4:13 PM PLOT BY : SEH LAYOUT NAME : 02 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

2

N

USH 12 BUS/STH 33 (8TH AVE)

STH 33 (8TH AVE)

USH 12 BUS/STH 113 (S BROADWAY ST)

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- VIDEO DETECTION AREA
- VX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RA RED ARROW
- FY YELLOW ARROW
- GA GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- Y YIELD SIGN

• ALL LENSES ARE 12-INCH
• GRAYSHADE REPRESENTS EXISTING

TRAFFIC CONTROL SIGNAL
USH 12 BUS/STH 33 (8TH AVENUE) &
BROADWAY STREET
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO. LOCAL

REGION CONTACT: TOM PINION
DESIGNED BY: SEH INC.
REVISED BY: REVISED BY

PAGE 1 OF 3

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC SIGNAL PLAN	SHEET 211	E

FILE NAME : X:\KO\O\OESOL\152873\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIV3D2020\12345678\SHEETSPLAN\SEC 02 TYP SEC & DETAILS\024000-SP (TRAFFIC SIGNAL PLANS STH 33 BARRABOO).DWG PLOT DATE : 4/26/2023 4:14 PM PLOT BY : SEH LAYOUT NAME : 02 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1		
Ø2	4,5,6	R
Ø3		
Ø4		
Ø5	7,8	R ←
Ø6	1,2,3	R
Ø7		
Ø8	9,10,11	R
Ø2P		
Ø4P	12,13	
Ø6P	16,17	
Ø8P	14,15	
OLA		
OLB		
OLC	7,8	-
OLD		

RING 1

NOT USED		NOT USED	
Ø1	Ø2	Ø3	Ø4

RING 2

	O.L. C	NOT USED	
Ø5	Ø6	Ø7	Ø8

BARRIER

N

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1			---	
2	X	6	MIN	X
3			---	
4			---	
5			---	X
6	X	2	MIN	X
7			---	
8			---	X

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	21	61	82					
ASSIGNED PHASE	2	6	8					
OPERATION MODE	VEH	VEH	VEH					
SWITCH								
EXTEND								
DELAY								

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR*(S)
								ASSIGNED PHASE
								OPERATION MODE
								SWITCH
								EXTEND
								DELAY

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	51	81						
ASSIGNED PHASE	5	8						
OPERATION MODE	VEH	VEH						
SWITCH								
EXTEND								
DELAY								

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR*(S)
								ASSIGNED PHASE
								OPERATION MODE
								SWITCH
								EXTEND
								DELAY

STH 33 & BROADWAY
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO: LOCAL CABINET TYPE: TS2
CONTROLLER TYPE: EPAC
DATE: 03/2023 PAGE NO. 2 OF 2

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	SEQUENCE OF OPERATIONS	SHEET NO: 212	E

2

PROJECT ID:	5090-05-60
INTERSECTION:	STH 33 & BROADWAY ST

SIGNAL WIRE COLOR CODING			
	BLK - BLACK	RED - RED	GRN - GREEN
	WHT - WHITE	BLU - BLUE	ORG -

CB_ TO	JUMPER	AWG 14 # OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR									PED BUTTON	OTHER
					RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING> <YELLOW>	D/WALK	WALK		
SB1		12	12	6 PED								BLK	BLU		
			17	4 PED								BLK	BLU		
SB2		12	1	6	RED	ORG	GRN								
			7	5				RED/BLK	ORG/BLK	GRN/BLK	WHT/BLK				
SB3		12	5	2											
			6	2	RED	ORG	GRN								
			8	5				RED/BLK	ORG/BLK	GRN/BLK	WHT/BLK				
			13	6 PED								BLK	BLU		
SB4		7	10	8											
SB5		12	11	8	RED	ORG	GRN								
			14	8 PED								BLK	BLU		
SB6		12	2	6	RED	ORG	GRN								
			4	2	RED	ORG	GRN								
SB7		7	3	6	RED	ORG	GRN								
SB8		12	9	8	RED	ORG	GRN								
			15	8 PED								BLK	BLU		
			16	4 PED								BLK	BLU		

EQUIPMENT GROUNDING	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	CB1

LIGHTING UF 2-12	
FROM	TO
CB1	SB1
SB2	SB3
SB2	SB7
SB7	LB1
LB1	SB8

PED BUTTON (LOOP LEAD-IN	
FROM	TO
CB1	SB1
CB1	SB3
CB1	SB5
CB1	SB8

TRAFFIC CONTROL SIGNAL
USH 12 BUS/STH 33 (8TH AVENUE) &
BROADWAY STREET
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO. LOCAL

REGION CONTACT: TOM PINION
DESIGNED BY: SEH INC.
REVISED BY: REVISED BY

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CABLE ROUTING	SHEET 213	E

FILE NAME : X:\KO\O\OESOL\152873\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIV3D2020\12345678\SHEETSPLAN\SEC 02 TYP SEC & DETAILS\024000-SP (TRAFFIC SIGNAL PLANS STH 33 BARRABOO).DWG PLOT DATE : 4/26/2023 4:14 PM PLOT BY : SEH LAYOUT NAME : 02CR PLOT SCALE : NTS
WISDOT/CADDS SHEET 42

2

N

STH 33 (8TH AVE)

EAST ST

78 79 80 81 82 83

PB1 PB2 PB3 PB4

SB1 SB2 SB3 SB4 SB5 SB6 SB7 SB8

CB1

41 42 81 82

1 2 4 5 6 7 8 9 10 11 12 13 19 21 22 62

11'E' 10'E' 9'E' 8'E' 15' 15'

B

LEGEND

- CONTROL CABINET
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 12"x24", 18"x24", 24"x36"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- LANE DESIGNATION FOR INFO ONLY

N

TRAFFIC CONTROL SIGNAL

STH 33 (8TH AVENUE) &
EAST STREET
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO. LOCAL

REGION CONTACT: TOM PINION
DESIGNED BY: SEH INC.
REVISED BY: REVISED BY

PAGE 1 OF 2

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 214	E

FILE NAME : X:\KO\O\OESOL\152873\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIV3D2020\12345678\SHEETSPLAN\SEC 02 TYP SEC & DETAILS\024001-SP (TRAF SIG SHT REMOVALS).DWG PLOT DATE : 4/26/2023 4:13 PM PLOT BY : SEH LAYOUT NAME : 03 PLOT SCALE : 1.0 IN = #### FT

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE 11+00'E'
(SEE INSET THIS SHEET)

STH 33 (8TH AVE)

STH 33 (8TH AVE)

EAST ST

EAST ST

EAST ST

N

MATCH LINE 11+00'E'

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- VIDEO DETECTION AREA
- VX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER

- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RA RED ARROW
- YA YELLOW ARROW
- GA GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- Y YIELD SIGN

- ALL LENSES ARE 12-INCH
- GRAYSHADE REPRESENTS EXISTING

TRAFFIC CONTROL SIGNAL
STH 33 (8TH AVENUE) &
EAST STREET
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO. LOCAL

REGION CONTACT: TOM PINION
DESIGNED BY: SEH INC.
REVISED BY: REVISED BY

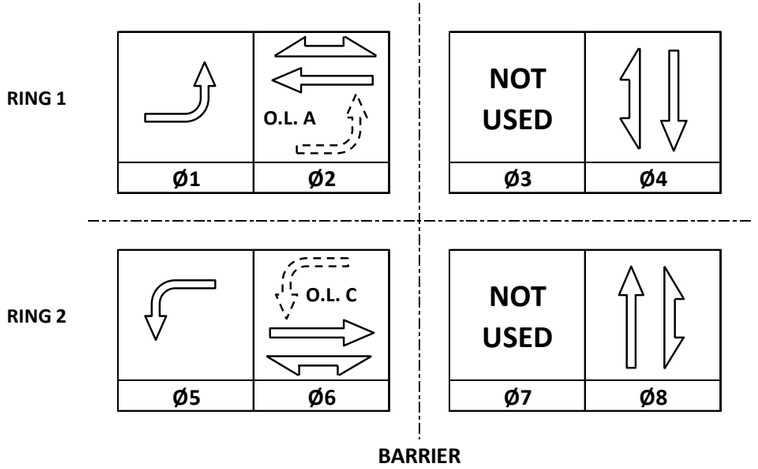
PAGE 1 OF 2

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC SIGNAL PLAN	SHEET 215	E

FILE NAME : X:\KO\O\OESOL\152873\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIV3D2020\12345678\SHEETSPLAN\SEC 02 TYP SEC & DETAILS\024000-SP (TRAFFIC SIGNAL PLANS STH 33 BARRABOO).DWG PLOT DATE : 4/26/2023 4:14 PM PLOT BY : SEH LAYOUT NAME : 03 PLOT SCALE : 1.0 IN = #### FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5	R ←
Ø2	6,7,8	R
Ø3		
Ø4	14,15,16	R
Ø5	9,10	R ←
Ø6	1,2,3	R
Ø7		
Ø8	11,12,13	R
Ø2P	18,19	
Ø4P	16,17	
Ø6P	22,23	
Ø8P	20,21	
OLA	4,5	-
OLB		
OLC	9,10	-
OLD		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1			---	X
2	X	6	MIN	X
3			---	
4			---	X
5			---	X
6	X	2	MIN	X
7			---	
8			---	X

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	41	51	81													PLAN LOOP DETECTOR*(S)
ASSIGNED PHASE	1	4	5	8													ASSIGNED PHASE
OPERATION MODE	VEH	VEH	VEH	VEH													OPERATION MODE
SWITCH																	SWITCH
EXTEND																	EXTEND
DELAY																	DELAY

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	21	42	61	82													PLAN LOOP DETECTOR*(S)
ASSIGNED PHASE	2	4	6	8													ASSIGNED PHASE
OPERATION MODE	VEH	VEH	VEH	VEH													OPERATION MODE
SWITCH																	SWITCH
EXTEND																	EXTEND
DELAY																	DELAY

STH 33 & EAST STREET
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO: LOCAL CABINET TYPE: TS2
CONTROLLER TYPE: EPAC
DATE: 03/2023 PAGE NO. 2 OF 2

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	SEQUENCE OF OPERATIONS	SHEET NO: 216	E

2

PROJECT ID: 5090-05-60
INTERSECTION: STH 33 & EAST ST

SIGNAL WIRE COLOR CODING			
	BLK - BLACK	RED - RED	GRN - GREEN
	WHT - WHITE	BLU - BLUE	ORG -

CB_ TO	JUMPER	AWG 14 # OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR									PED BUTTON	OTHER
					RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING> <YELLOW>	D/WALK	WALK		
SB1		12	16	4	RED	ORG	GRN								
			17	4 PED								BLK	BLU		
SB2		12	1	2	RED	ORG	GRN								
			9	5				RED/BLK	ORG/BLK	GRN/BLK	WHT/BLK				
			24	6 PED								BLK	BLU		
SB3		12	7	2	RED	ORG	GRN								
			8	2	RED	ORG	GRN								
			10	5				RED/BLK	ORG/BLK	GRN/BLK	WHT/BLK				
			18	2 PED								BLK	BLU		
SB4		12	14	4	RED	ORG	GRN								
			19	4 PED								BLK	BLU		
SB5		12	12	8	RED	ORG	GRN								
			13	8	RED	ORG	GRN								
SB6		12	21	8 PED								BLK	BLU		
SB7		7	4	1				RED/BLK	ORG/BLK	GRN/BLK	WHT/BLK				
			6	2	RED	ORG	GRN								
			20	2 PED								BLK	BLU		
SB8		12	2	6	RED	ORG	GRN								
			3	6	RED	ORG	GRN								
			5	1				RED/BLK	ORG/BLK	GRN/BLK	WHT/BLK				
			23	6 PED								BLK	BLU		
SB9		12	11	8	RED	ORG	GRN								
			15	4	RED	ORG	GRN								
			22	8 PED								BLK	BLU		

EQUIPMENT GROUNDING	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	CB1

LIGHTING UF 2-12	
FROM	TO
CB1	SB1
SB1	SB3
SB3	SB8

PED BUTTON (LOOP LEAD-IN	
FROM	TO
CB1	SB1
CB1	SB2
CB1	SB3
CB1	SB4
CB1	SB6
CB1	SB7
CB1	SB8
CB1	SB9

TRAFFIC CONTROL SIGNAL
STH 33 (8TH AVENUE) &
EAST STREET
CITY OF BARABOO
SAUK COUNTY

SIGNAL NO. LOCAL

REGION CONTACT: TOM PINION
DESIGNED BY: SEH INC.
REVISED BY: REVISED BY

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CABLE ROUTING	SHEET 217	E

FILE NAME : X:\KO\O\OESOL\152873\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIV3D2020\12345678\SHEETSPLAN\SEC 02 TYP SEC & DETAILS\024000-SP (TRAFFIC SIGNAL PLANS STH 33 BARRABOO).DWG PLOT DATE : 4/26/2023 4:14 PM PLOT BY : SEH LAYOUT NAME : 03CR PLOT SCALE : NTS
WISDOT/CADDS SHEET 42

2

N

LEGEND

- STAGE 1 WORK ZONE
- STAGE 2 WORK ZONE
- STAGE 3 WORK ZONE

NOTE:

1. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHALL BE PLACED SEVEN DAYS PRIOR TO AND FOR SEVEN DAYS AFTER CONSTRUCTION BEGINS.
2. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED IN ADVANCE OF MULBERRY STREET, TAFT AVENUE, AND BROADWAY TO WARN OF STH 33 AND STH 113 CLOSURES.
3. COORDINATE THE APPROVAL OF PCMS MESSAGE WITH WISDOT.

PCMS MESSAGES

PCMS	STAGE	FRAME 1	FRAME 2
SIGN 1	PRIOR TO CONSTRUCTION FOR STAGE 1	HWY 33 CLOSED	STARTING XX/XX/XX
SIGN 2	PRIOR TO CONSTRUCTION FOR STAGE 1	HWY 33 CLOSED	STARTING XX/XX/XX
SIGN 1	PRIOR TO CONSTRUCTION FOR STAGE 2	HWY 33 CLOSED	STARTING XX/XX/XX
SIGN 2	PRIOR TO CONSTRUCTION FOR STAGE 2	HWY 33 CLOSED	STARTING XX/XX/XX
SIGN 1	PRIOR TO CONSTRUCTION FOR STAGE 3	HWY 33 CLOSED	STARTING XX/XX/XX
SIGN 2	PRIOR TO CONSTRUCTION FOR STAGE 3	HWY 33 CLOSED	STARTING XX/XX/XX
SIGN 3	PRIOR TO CONSTRUCTION FOR STAGE 3	HWY 33 CLOSED	STARTING XX/XX/XX

SIGN 2 (STAGE 3)
PLACE PRIOR TO CONSTRUCTION BEGINNING FOR STAGE 3
(SEE SIGN 2 MESSAGES FOR MORE INFORMATION)

SIGN 2 (STAGE 1 AND STAGE 2)
PLACE PRIOR TO CONSTRUCTION BEGINNING FOR STAGE 1 AND STAGE 2
(SEE SIGN 2 MESSAGES FOR MORE INFORMATION)

SIGN 1 (STAGE 3)
PLACE PRIOR TO CONSTRUCTION BEGINNING FOR STAGE 3
(SEE SIGN 1 MESSAGES FOR MORE INFORMATION)

SIGN 1 (STAGE 1)
PLACE PRIOR TO CONSTRUCTION BEGINNING FOR STAGE 1
(SEE SIGN 1 MESSAGES FOR MORE INFORMATION)

SIGN 1 (STAGE 2)
PLACE PRIOR TO CONSTRUCTION BEGINNING FOR STAGE 2
(SEE SIGN 1 MESSAGES FOR MORE INFORMATION)

SIGN 3 (STAGE 3)
PLACE PRIOR TO CONSTRUCTION BEGINNING FOR STAGE 3
(SEE SIGN 3 MESSAGES FOR MORE INFORMATION)

PCMS

BARABOO

A

T

DL

33

136

12

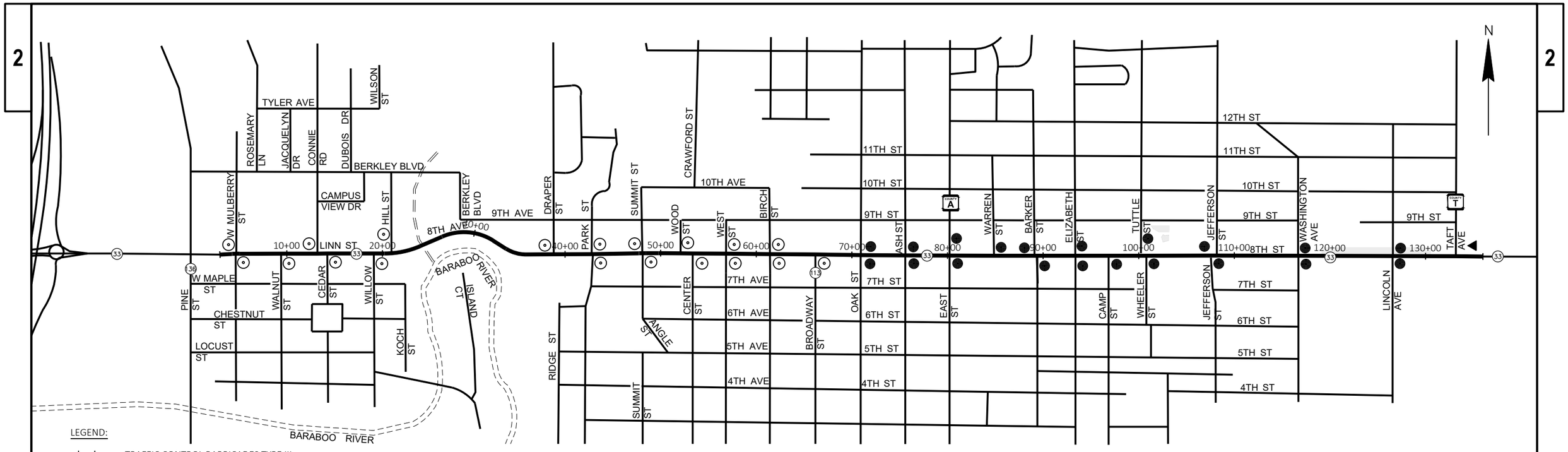
113

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PORTABLE CHANGEABLE MESSAGE SIGN OVERVIEW	SHEET 218	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\025001-TC PCMS.DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 1:58 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:0.5 MI

WISDOT/CADDS SHEET 42



LEGEND:

- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN
- TRAFFIC CONTROL SIGNS ON PERMANENT SUPPORT
- SIDE ROAD CLOSURE DETAIL STAGE 1
- SIDE ROAD CLOSURE DETAIL STAGE 2
- SIDE ROAD CLOSURE DETAIL STAGE 3

GENERAL NOTES:

THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER. OVERLAP BETWEEN STAGES IS ANTICIPATED TO KEEP PROJECT ON SCHEDULE. ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.

POST MOUNTED SIGNS LOCATED NEAR OR ADJACENT TO THE SIDEWALK SHALL HAVE A 7-FT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE EXISTING OR NEW SIDEWALK.

ALL'W' SIGNS SHALL BE 48"X48" UNLESS OTHERWISE NOTED AND SHALL HAVE REFLECTIVE FLUORESCENT DIAMOND GRADE SHEETING. TRAFFIC CONTROL BARRICADES TYPE III STRIPES SHALL SLOPE DOWNWARD TOWARD THE TRAFFIC LANE.

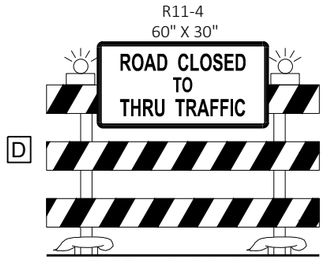
ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK ORANGE PANEL.

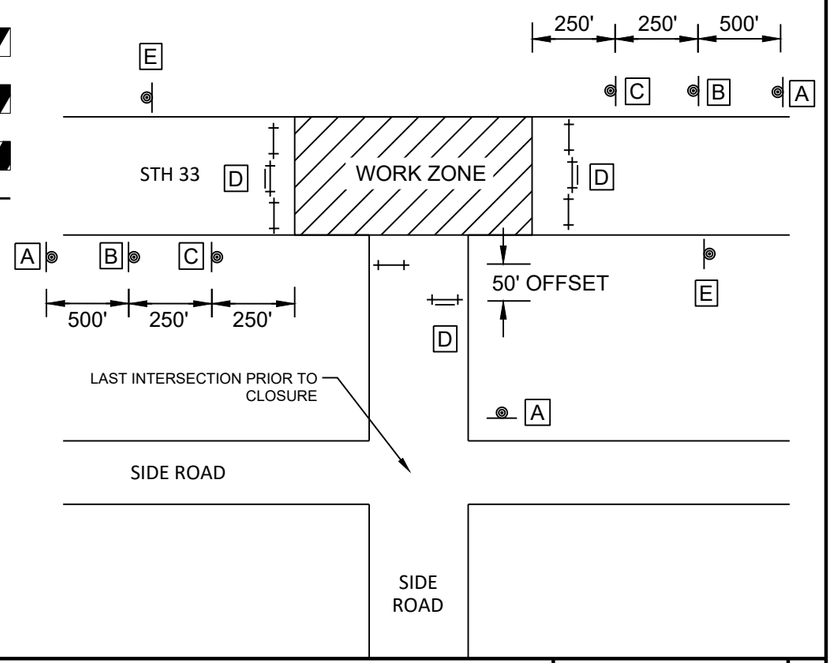
THE THIRD W20-3(MOD) SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE 'ROAD WORK 500 FT' SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.

EXCAVATION DROP OFFS SHALL BE BACKFILLED PRIOR TO COMPLETION OF EACH WORK DAY.

MAINTAIN DRIVEWAY ACCESS TO BUSINESSES AT ALL TIMES BY CONSTRUCTING DRIVEWAYS HALF AT A TIME UNLESS APPROVAL IS GRANTED IN WRITING BY THE PROPERTY OWNER AND/OR WISDOT ENGINEER. IF MULTIPLE DRIVEWAYS ARE PRESENT FOR ONE PROPERTY, THEN MAINTAIN ACCESS TO AT LEAST ONE DRIVEWAY AT ALL TIMES.

STAGES 1, 2, AND 3:
ONE 10' LANE SHALL BE MAINTAINED AT ALL TIMES ALONG STH 33 DURING CONSTRUCTION FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC. EXISTING PAVEMENT, NEW PAVEMENT, OR BASE AGGREGATE SHALL BE USED FOR THE 10' LANE. CONSTRUCTION SHALL BE COMPLETED WHILE STH 33 AND STH 113 DETOURS ARE IN PLACE.



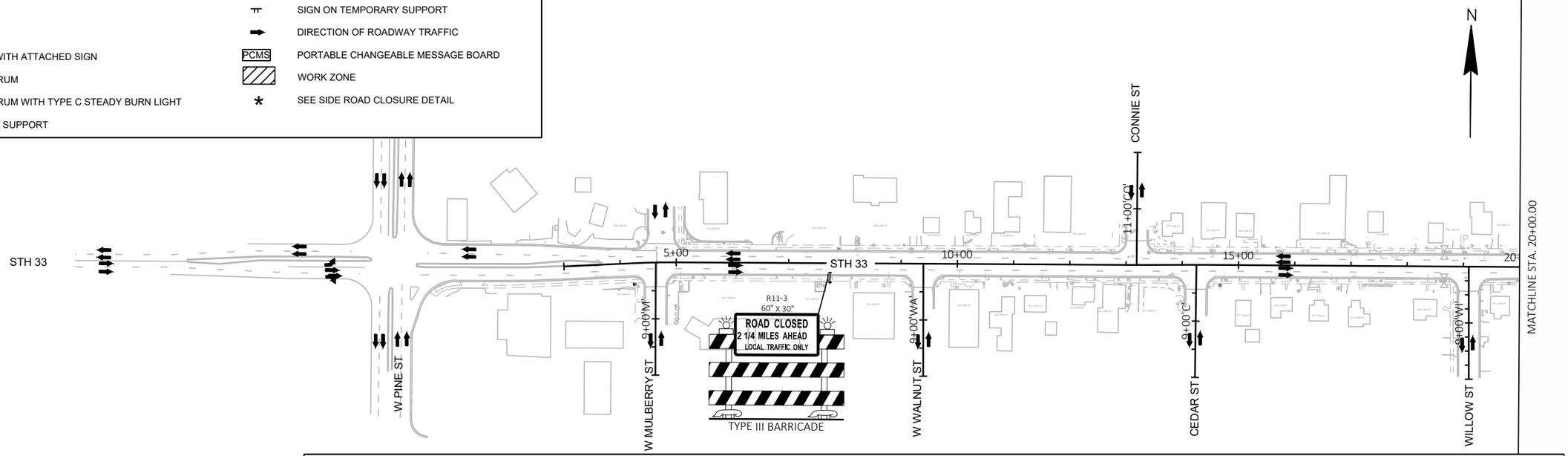


SIDE ROAD CLOSURE DETAIL

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - DETAILS	SHEET 219	E

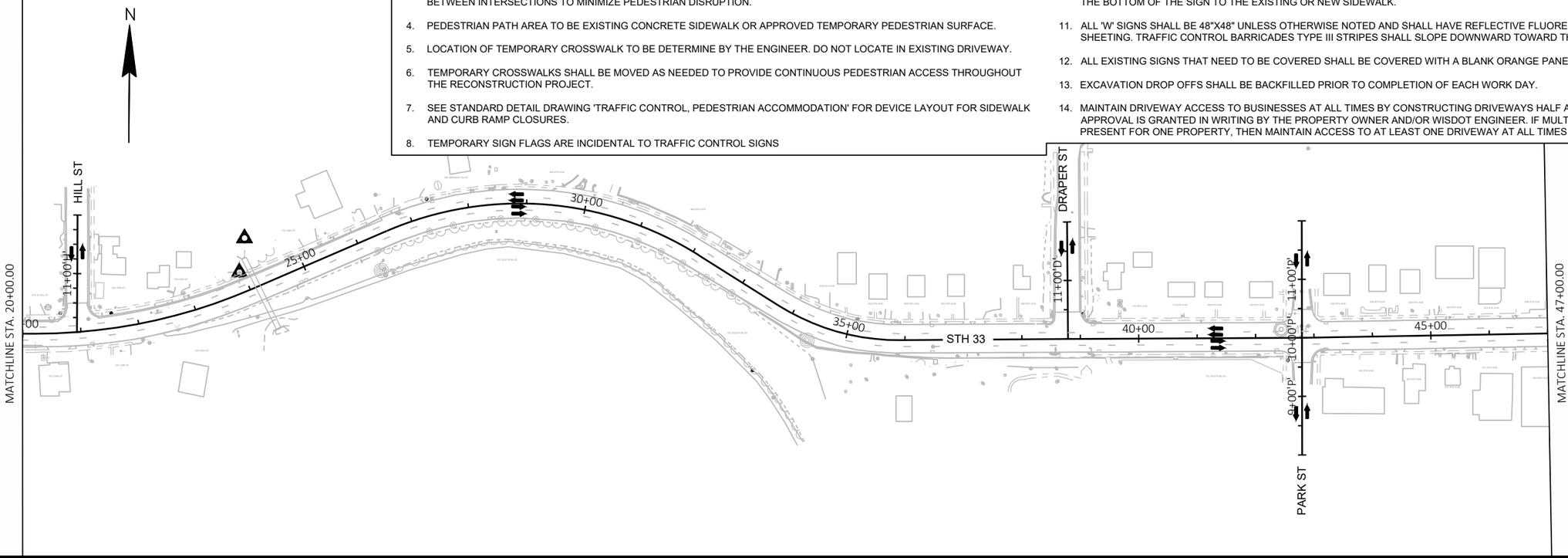
LEGEND

⟷	TYPE III BARRICADE	⊤	SIGN ON TEMPORARY SUPPORT
⟺	TYPE III BARRICADE WITH ATTACHED SIGN	➡	DIRECTION OF ROADWAY TRAFFIC
●	TRAFFIC CONTROL DRUM	PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
⚡	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	▨	WORK ZONE
⊥	SIGN ON PERMANENT SUPPORT	*	SEE SIDE ROAD CLOSURE DETAIL



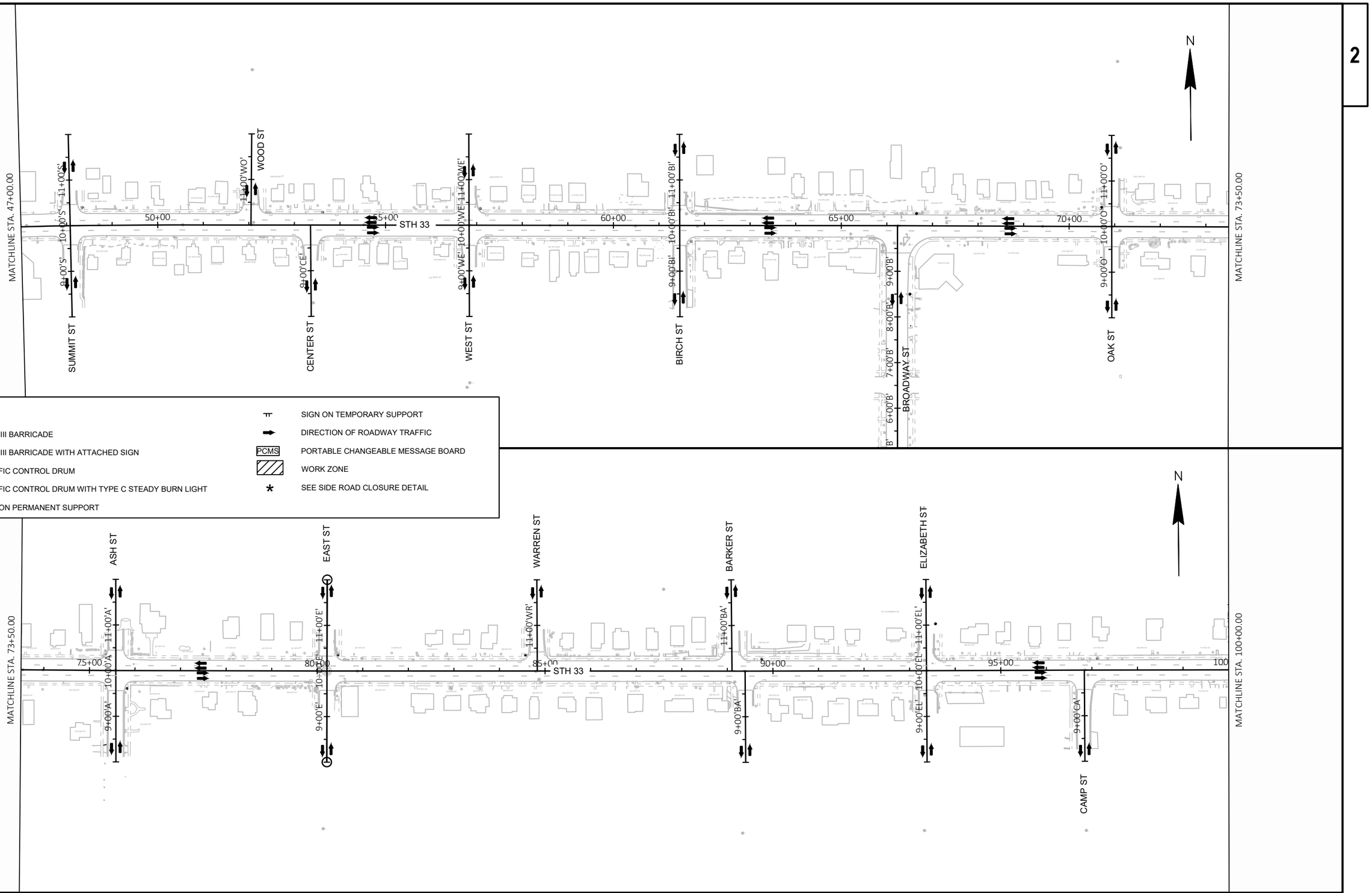
STAGE 1 TRAFFIC CONTROL NOTES:

1. CONSTRUCTION SHALL BE COMPLETED WHILE THE STH 33 DETOUR IS IN PLACE. SEE DETOUR SHEETS FOR INFORMATION.
2. ONE 10' LANE SHALL BE MAINTAINED AT ALL TIMES ALONG STH 33 DURING CONSTRUCTION FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC. EXISTING PAVEMENT, NEW PAVEMENT, OR BASE AGGREGATE DENSE SHALL BE USED FOR THE 10' LANE.
3. LIMIT SIDEWALK CLOSURES TO ONE INTERSECTION QUADRANT AT INTERSECTIONS AND ONE SIDE OF THE STREET BETWEEN INTERSECTIONS TO MINIMIZE PEDESTRIAN DISRUPTION.
4. PEDESTRIAN PATH AREA TO BE EXISTING CONCRETE SIDEWALK OR APPROVED TEMPORARY PEDESTRIAN SURFACE.
5. LOCATION OF TEMPORARY CROSSWALK TO BE DETERMINE BY THE ENGINEER. DO NOT LOCATE IN EXISTING DRIVEWAY.
6. TEMPORARY CROSSWALKS SHALL BE MOVED AS NEEDED TO PROVIDE CONTINUOUS PEDESTRIAN ACCESS THROUGHOUT THE RECONSTRUCTION PROJECT.
7. SEE STANDARD DETAIL DRAWING 'TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION' FOR DEVICE LAYOUT FOR SIDEWALK AND CURB RAMP CLOSURES.
8. TEMPORARY SIGN FLAGS ARE INCIDENTAL TO TRAFFIC CONTROL SIGNS
9. THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER. OVERLAP BETWEEN STAGES IS ANTICIPATED TO KEEP PROJECT ON SCHEDULE. ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS SPECIFIED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER.
10. POST MOUNTED SIGNS LOCATED NEAR OR ADJACENT TO THE SIDEWALK SHALL HAVE A 7-FT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE EXISTING OR NEW SIDEWALK.
11. ALL 'W' SIGNS SHALL BE 48"X48" UNLESS OTHERWISE NOTED AND SHALL HAVE REFLECTIVE FLUORESCENT DIAMOND GRADE SHEETING. TRAFFIC CONTROL BARRICADES TYPE III STRIPES SHALL SLOPE DOWNWARD TOWARD THE TRAFFIC LANE.
12. ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK ORANGE PANEL.
13. EXCAVATION DROP OFFS SHALL BE BACKFILLED PRIOR TO COMPLETION OF EACH WORK DAY.
14. MAINTAIN DRIVEWAY ACCESS TO BUSINESSES AT ALL TIMES BY CONSTRUCTING DRIVEWAYS HALF AT A TIME UNLESS APPROVAL IS GRANTED IN WRITING BY THE PROPERTY OWNER AND/OR WISDOT ENGINEER. IF MULTIPLE DRIVEWAYS ARE PRESENT FOR ONE PROPERTY, THEN MAINTAIN ACCESS TO AT LEAST ONE DRIVEWAY AT ALL TIMES.



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 1	SHEET 220	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\025002-TC S1.DWG
LAYOUT NAME - 01
PLOT DATE : 5/18/2023 3:53 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

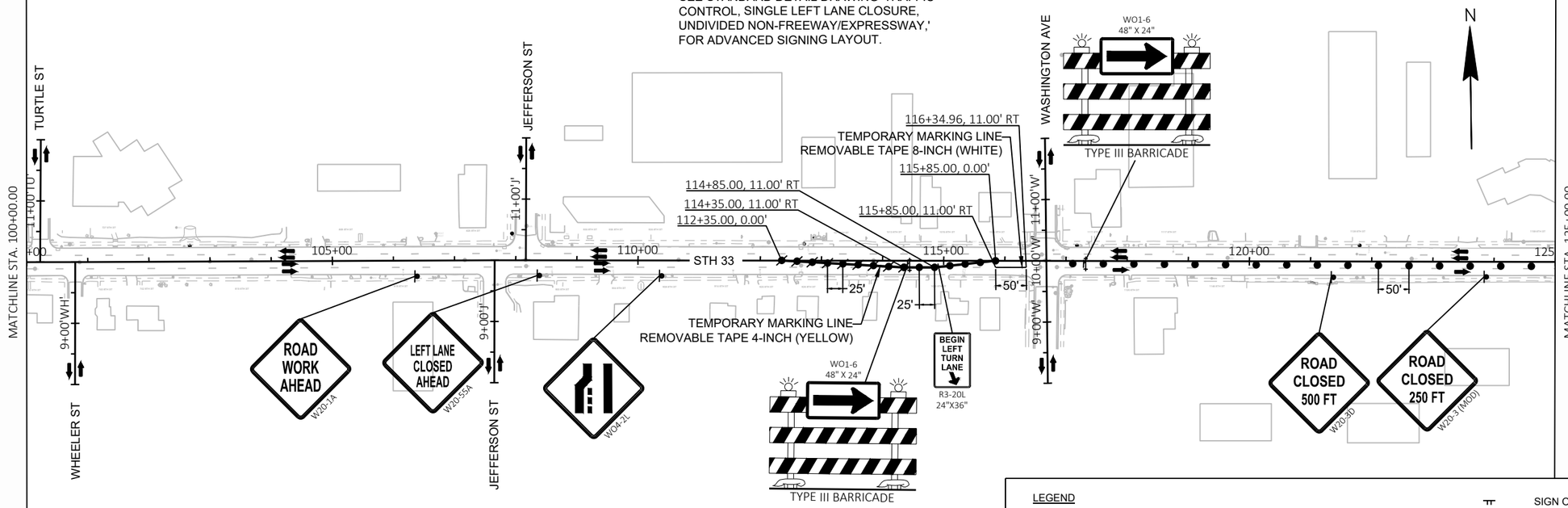


LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF ROADWAY TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- WORK ZONE
- * — SEE SIDE ROAD CLOSURE DETAIL

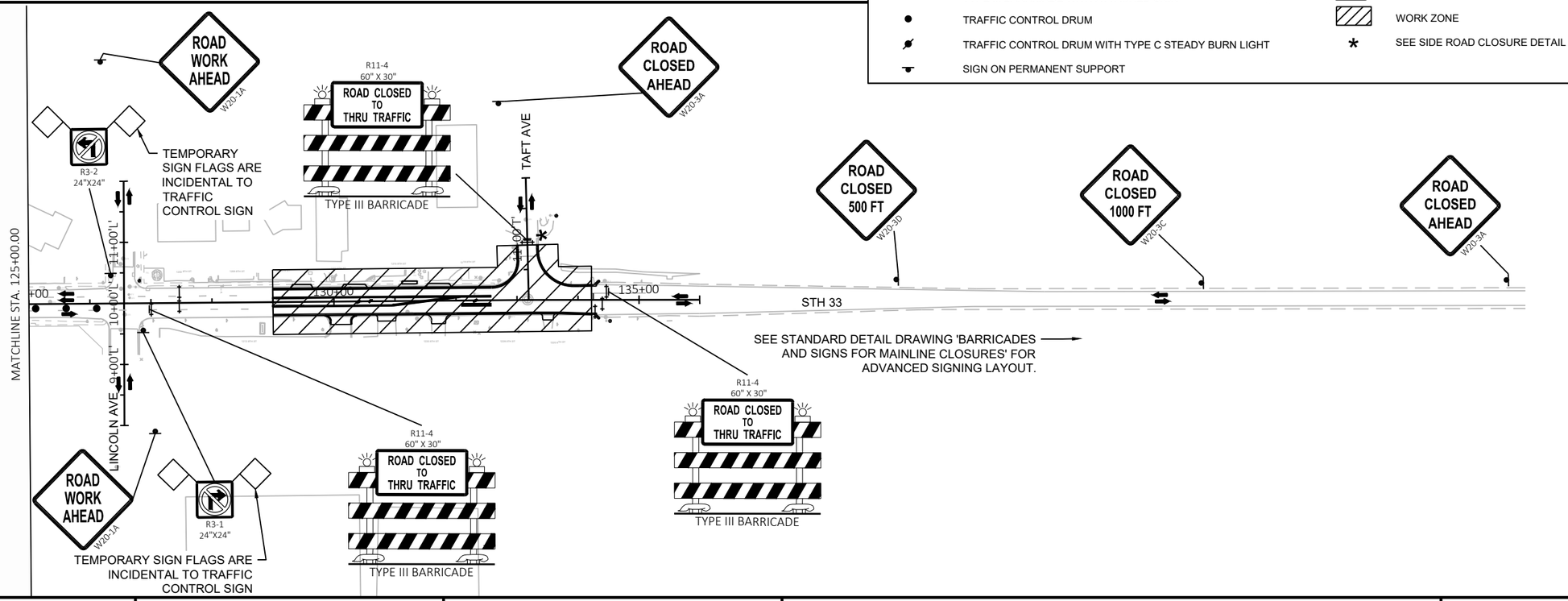
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 1	SHEET 221	E

SEE STANDARD DETAIL DRAWING 'TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY,' FOR ADVANCED SIGNING LAYOUT.



LEGEND

TYPE III BARRICADE	SIGN ON TEMPORARY SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN	DIRECTION OF ROADWAY TRAFFIC
TRAFFIC CONTROL DRUM	PCMS PORTABLE CHANGEABLE MESSAGE BOARD
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	WORK ZONE
SIGN ON PERMANENT SUPPORT	* SEE SIDE ROAD CLOSURE DETAIL

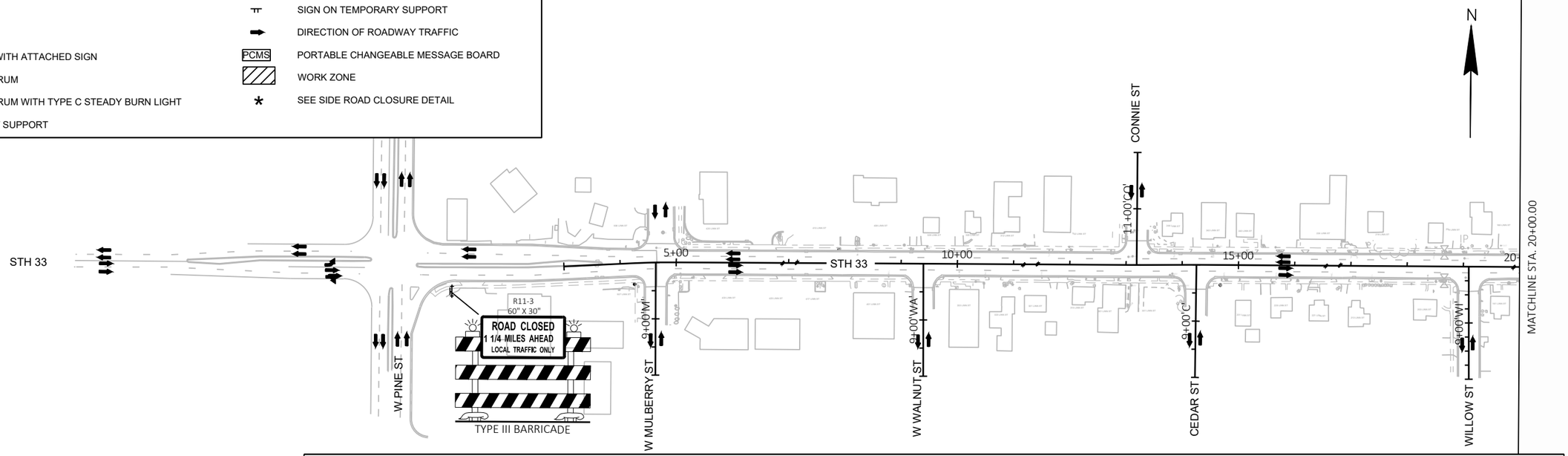


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 1	SHEET 222	E

2

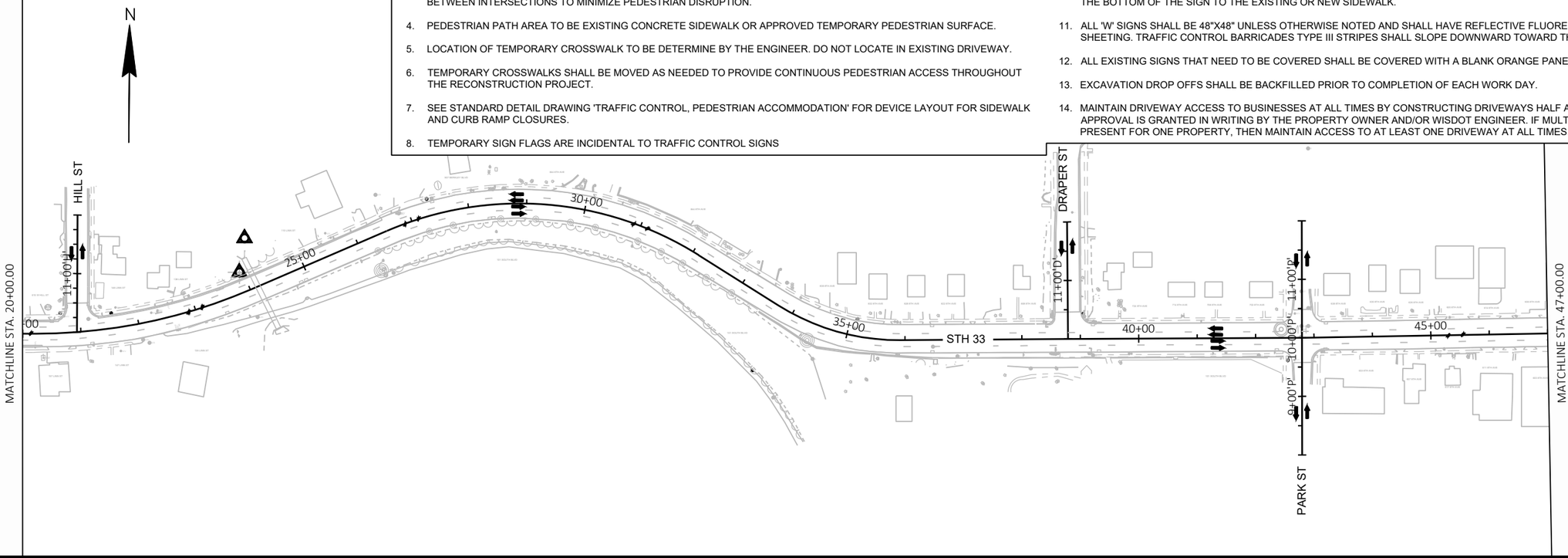
LEGEND

⟷	TYPE III BARRICADE	⊤	SIGN ON TEMPORARY SUPPORT
⟺	TYPE III BARRICADE WITH ATTACHED SIGN	➡	DIRECTION OF ROADWAY TRAFFIC
●	TRAFFIC CONTROL DRUM	PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
●	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	▨	WORK ZONE
⊤	SIGN ON PERMANENT SUPPORT	*	SEE SIDE ROAD CLOSURE DETAIL



STAGE 2 TRAFFIC CONTROL NOTES:

1. CONSTRUCTION SHALL BE COMPLETED WHILE THE STH 33 DETOUR IS IN PLACE. SEE DETOUR SHEETS FOR INFORMATION.
2. ONE 10' LANE SHALL BE MAINTAINED AT ALL TIMES ALONG STH 33 DURING CONSTRUCTION FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC. EXISTING PAVEMENT, NEW PAVEMENT, OR BASE AGGREGATE DENSE SHALL BE USED FOR THE 10' LANE.
3. LIMIT SIDEWALK CLOSURES TO ONE INTERSECTION QUADRANT AT INTERSECTIONS AND ONE SIDE OF THE STREET BETWEEN INTERSECTIONS TO MINIMIZE PEDESTRIAN DISRUPTION.
4. PEDESTRIAN PATH AREA TO BE EXISTING CONCRETE SIDEWALK OR APPROVED TEMPORARY PEDESTRIAN SURFACE.
5. LOCATION OF TEMPORARY CROSSWALK TO BE DETERMINE BY THE ENGINEER. DO NOT LOCATE IN EXISTING DRIVEWAY.
6. TEMPORARY CROSSWALKS SHALL BE MOVED AS NEEDED TO PROVIDE CONTINUOUS PEDESTRIAN ACCESS THROUGHOUT THE RECONSTRUCTION PROJECT.
7. SEE STANDARD DETAIL DRAWING 'TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION' FOR DEVICE LAYOUT FOR SIDEWALK AND CURB RAMP CLOSURES.
8. TEMPORARY SIGN FLAGS ARE INCIDENTAL TO TRAFFIC CONTROL SIGNS
9. THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER. OVERLAP BETWEEN STAGES IS ANTICIPATED TO KEEP PROJECT ON SCHEDULE. ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS SPECIFIED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER.
10. POST MOUNTED SIGNS LOCATED NEAR OR ADJACENT TO THE SIDEWALK SHALL HAVE A 7-FT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE EXISTING OR NEW SIDEWALK.
11. ALL 'W' SIGNS SHALL BE 48"X48" UNLESS OTHERWISE NOTED AND SHALL HAVE REFLECTIVE FLUORESCENT DIAMOND GRADE SHEETING. TRAFFIC CONTROL BARRICADES TYPE III STRIPES SHALL SLOPE DOWNWARD TOWARD THE TRAFFIC LANE.
12. ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK ORANGE PANEL.
13. EXCAVATION DROP OFFS SHALL BE BACKFILLED PRIOR TO COMPLETION OF EACH WORK DAY.
14. MAINTAIN DRIVEWAY ACCESS TO BUSINESSES AT ALL TIMES BY CONSTRUCTING DRIVEWAYS HALF AT A TIME UNLESS APPROVAL IS GRANTED IN WRITING BY THE PROPERTY OWNER AND/OR WISDOT ENGINEER. IF MULTIPLE DRIVEWAYS ARE PRESENT FOR ONE PROPERTY, THEN MAINTAIN ACCESS TO AT LEAST ONE DRIVEWAY AT ALL TIMES.



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 2	SHEET 223	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\025003-TC S2.DWG
LAYOUT NAME - 01

PLOT DATE : 5/18/2023 4:00 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWING 'TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY,' FOR ADVANCED SIGNING LAYOUT.

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

57+35.00, 0.00'

61+15.00, 11.00' RT

60+65.00, 0.00

60+65.00, 11.00' RT

59+85.00, 11.00' RT

59+35.00, 11.00' RT

WO1-6 48" X 24"

TYPE III BARRICADE

ROAD CLOSED 250 FT W20-3 (MOD)

STAGE 2A

MATCHLINE STA. 47+00.00

SUMMIT ST

WOOD ST

CENTER ST

WEST ST

BIRCH ST

BROADWAY ST

OAK ST

STH 33

LEFT LANE CLOSED AHEAD W20-5SA

ROAD WORK AHEAD W20-1A

W04-2L

WO1-6 48" X 24"

TYPE III BARRICADE

BEGIN LEFT TURN LANE R3-20L 24"X36"

ROAD CLOSED 500 FT W20-3D

R11-4 60" X 30"

ROAD CLOSED TO THRU TRAFFIC

TYPE III BARRICADE

R3-1 24"X24"

TYPE III BARRICADE

WO1-6 48" X 24"

TYPE III BARRICADE

R3-1 24"X24"

TEMPORARY SIGN FLAGS ARE INCIDENTAL TO TRAFFIC CONTROL SIGN

MATCHLINE STA. 73+50.00

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF ROADWAY TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE BOARD
- WORK ZONE
- * SEE SIDE ROAD CLOSURE DETAIL

ASH ST

EAST ST

WARREN ST

BARKER ST

ELIZABETH ST

CAMP ST

STAGE 2A

STAGE 2B

STH 33

STOP R1-1 30"X30"

TEMPORARY SIGN FLAGS ARE INCIDENTAL TO TRAFFIC CONTROL SIGN

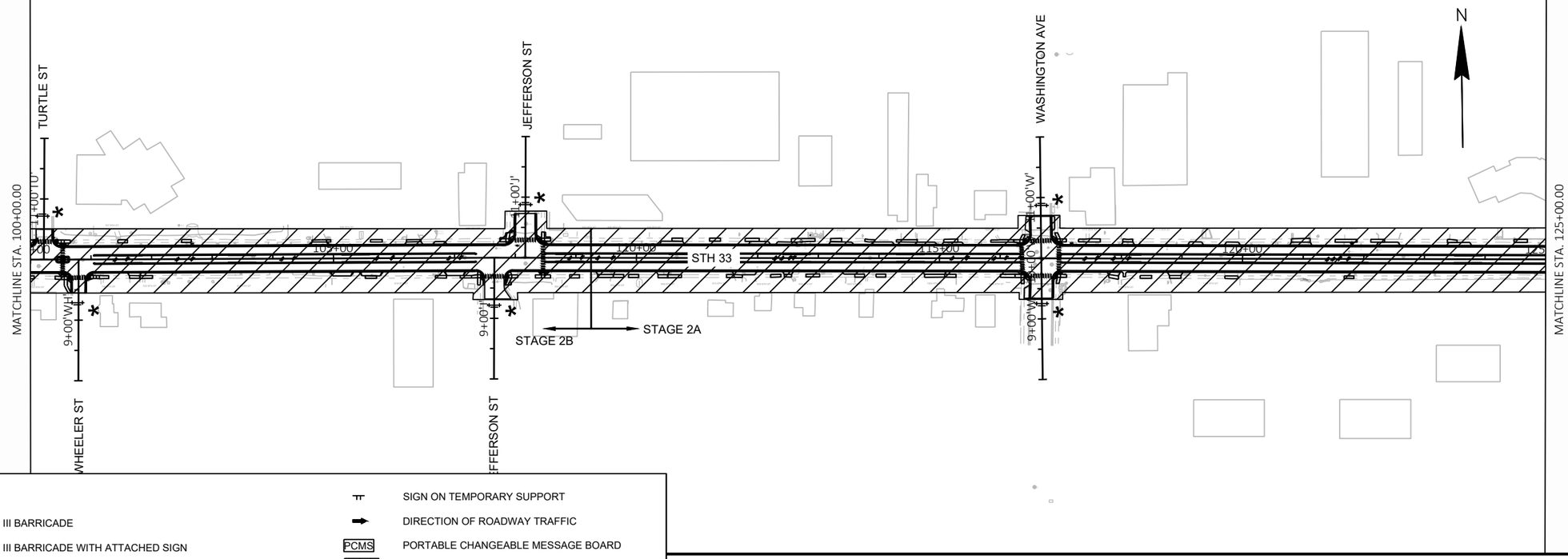
TEMPORARY STOP SIGNS REQUIRED ONCE EXISTING SIGNALS ARE REMOVED AND SHALL REMAIN UNTIL THE NEW SIGNALS ARE INSTALLED AND ACTIVATED

MATCHLINE STA. 73+50.00

MATCHLINE STA. 100+00.00

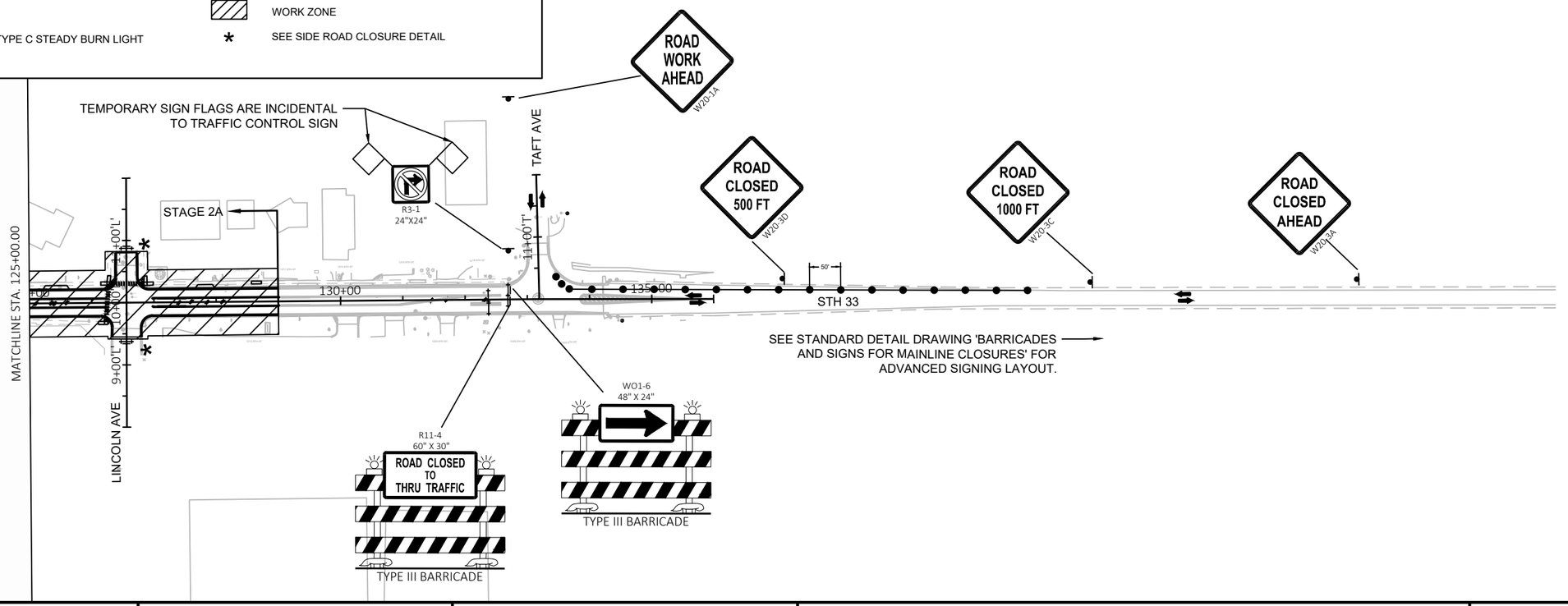
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 2	SHEET 224	E

2



LEGEND

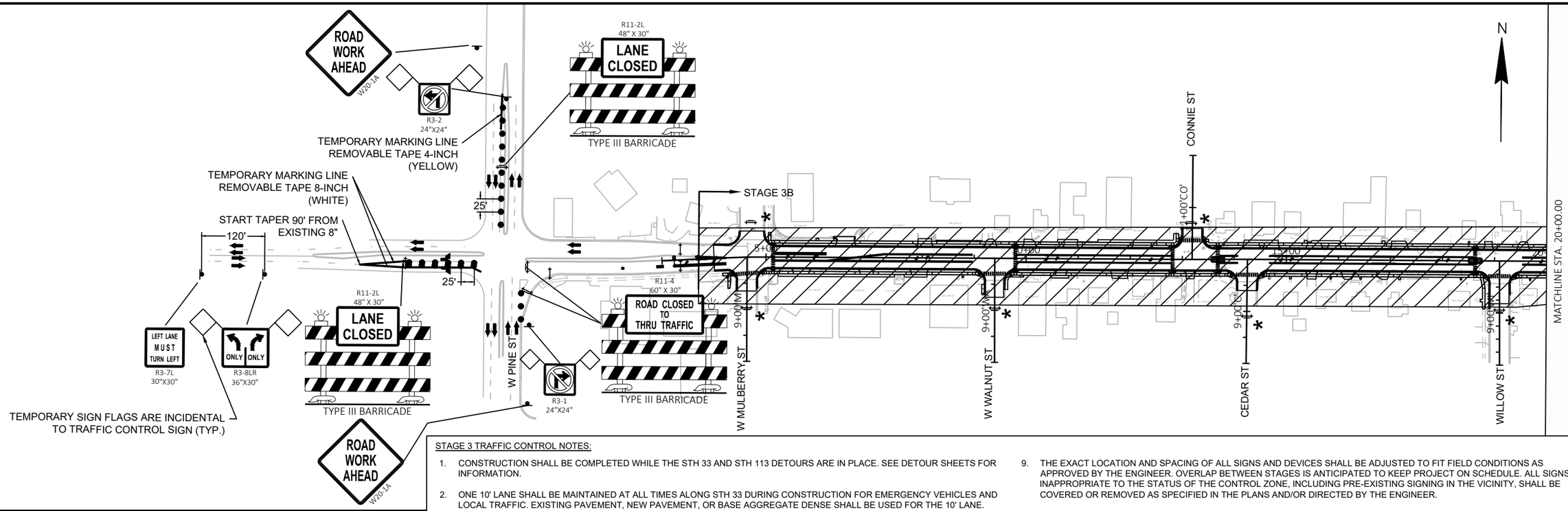
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF ROADWAY TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- WORK ZONE
- * — SEE SIDE ROAD CLOSURE DETAIL



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 2	SHEET 225	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\025003-TC S2.DWG
LAYOUT NAME - 03

PLOT DATE : 5/18/2023 4:02 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:200 FT



STAGE 3 TRAFFIC CONTROL NOTES:

1. CONSTRUCTION SHALL BE COMPLETED WHILE THE STH 33 AND STH 113 DETOURS ARE IN PLACE. SEE DETOUR SHEETS FOR INFORMATION.
2. ONE 10' LANE SHALL BE MAINTAINED AT ALL TIMES ALONG STH 33 DURING CONSTRUCTION FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC. EXISTING PAVEMENT, NEW PAVEMENT, OR BASE AGGREGATE DENSE SHALL BE USED FOR THE 10' LANE.
3. LIMIT SIDEWALK CLOSURES TO ONE INTERSECTION QUADRANT AT INTERSECTIONS AND ONE SIDE OF THE STREET BETWEEN INTERSECTIONS TO MINIMIZE PEDESTRIAN DISRUPTION.
4. PEDESTRIAN PATH AREA TO BE EXISTING CONCRETE SIDEWALK OR APPROVED TEMPORARY PEDESTRIAN SURFACE.
5. LOCATION OF TEMPORARY CROSSWALK TO BE DETERMINE BY THE ENGINEER. DO NOT LOCATE IN EXISTING DRIVEWAY.
6. TEMPORARY CROSSWALKS SHALL BE MOVED AS NEEDED TO PROVIDE CONTINUOUS PEDESTRIAN ACCESS THROUGHOUT THE RECONSTRUCTION PROJECT.
7. SEE STANDARD DETAIL DRAWING 'TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION' FOR DEVICE LAYOUT FOR SIDEWALK AND CURB RAMP CLOSURES.
8. TEMPORARY SIGN FLAGS ARE INCIDENTAL TO TRAFFIC CONTROL SIGNS
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10. POST MOUNTED SIGNS LOCATED NEAR OR ADJACENT TO THE SIDEWALK SHALL HAVE A 7-FT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE EXISTING OR NEW SIDEWALK.
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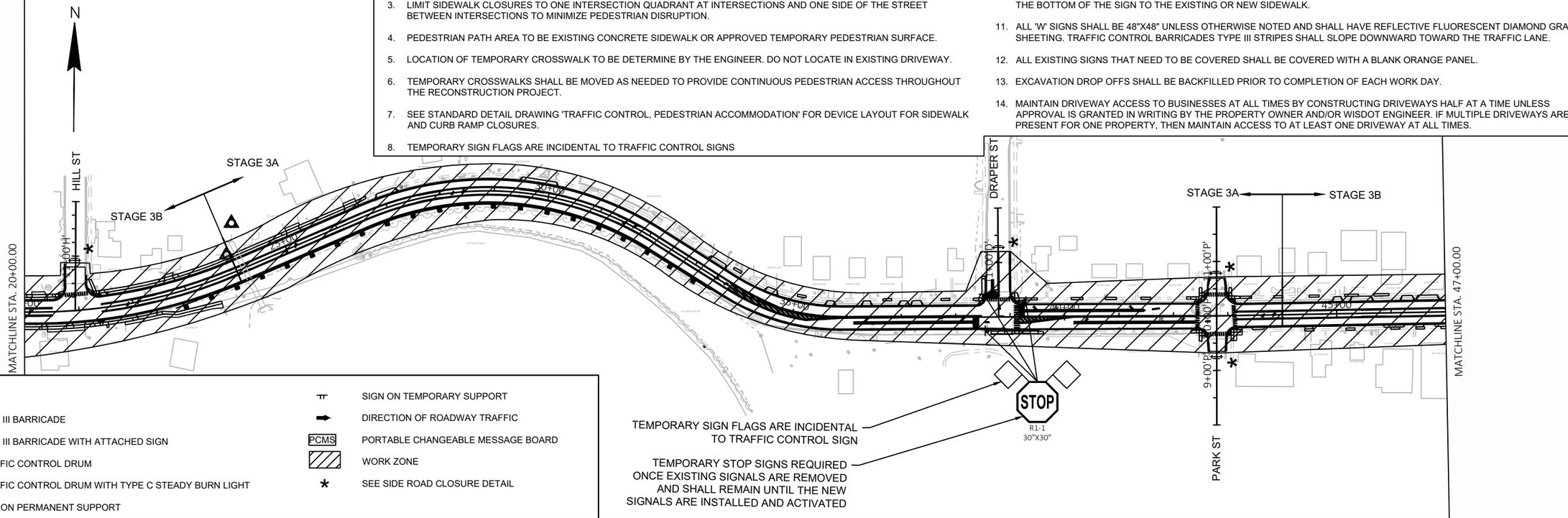
12. ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK ORANGE PANEL.
13. EXCAVATION DROP OFFS SHALL BE BACKFILLED PRIOR TO COMPLETION OF EACH WORK DAY.
14. MAINTAIN DRIVEWAY ACCESS TO BUSINESSES AT ALL TIMES BY CONSTRUCTING DRIVEWAYS HALF AT A TIME UNLESS APPROVAL IS GRANTED IN WRITING BY THE PROPERTY OWNER AND/OR WISDOT ENGINEER. IF MULTIPLE DRIVEWAYS ARE PRESENT FOR ONE PROPERTY, THEN MAINTAIN ACCESS TO AT LEAST ONE DRIVEWAY AT ALL TIMES.



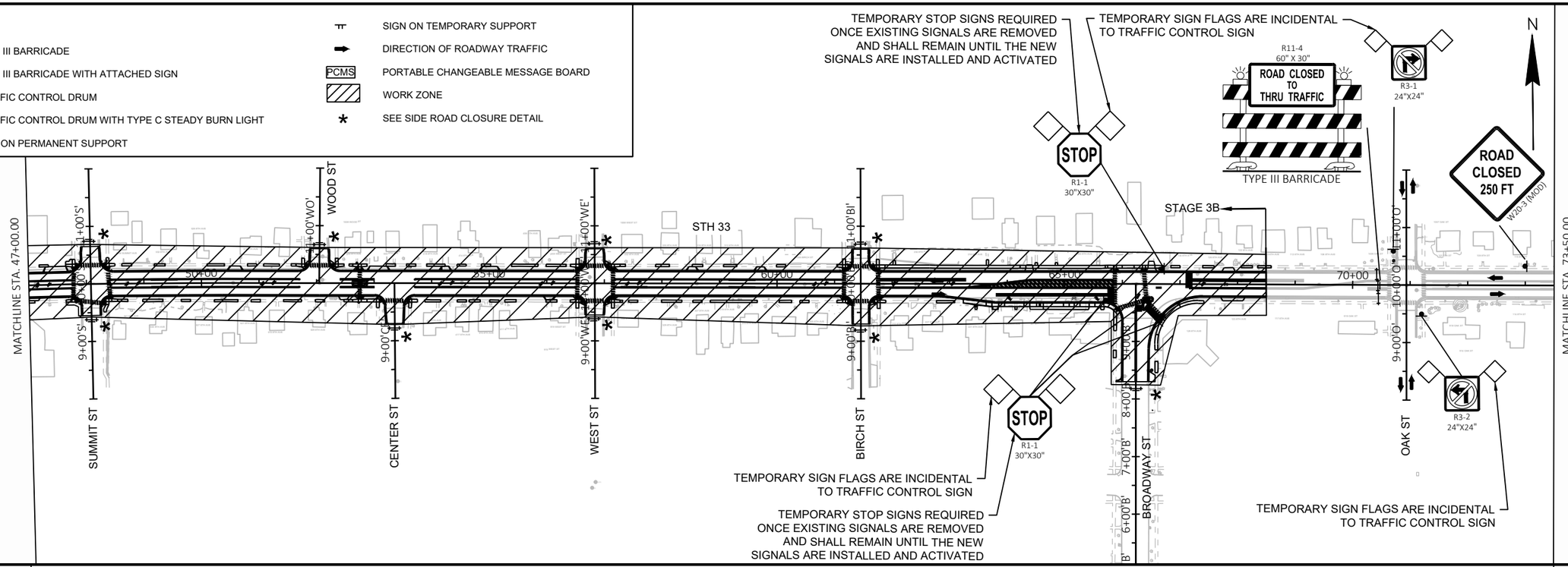
LEGEND

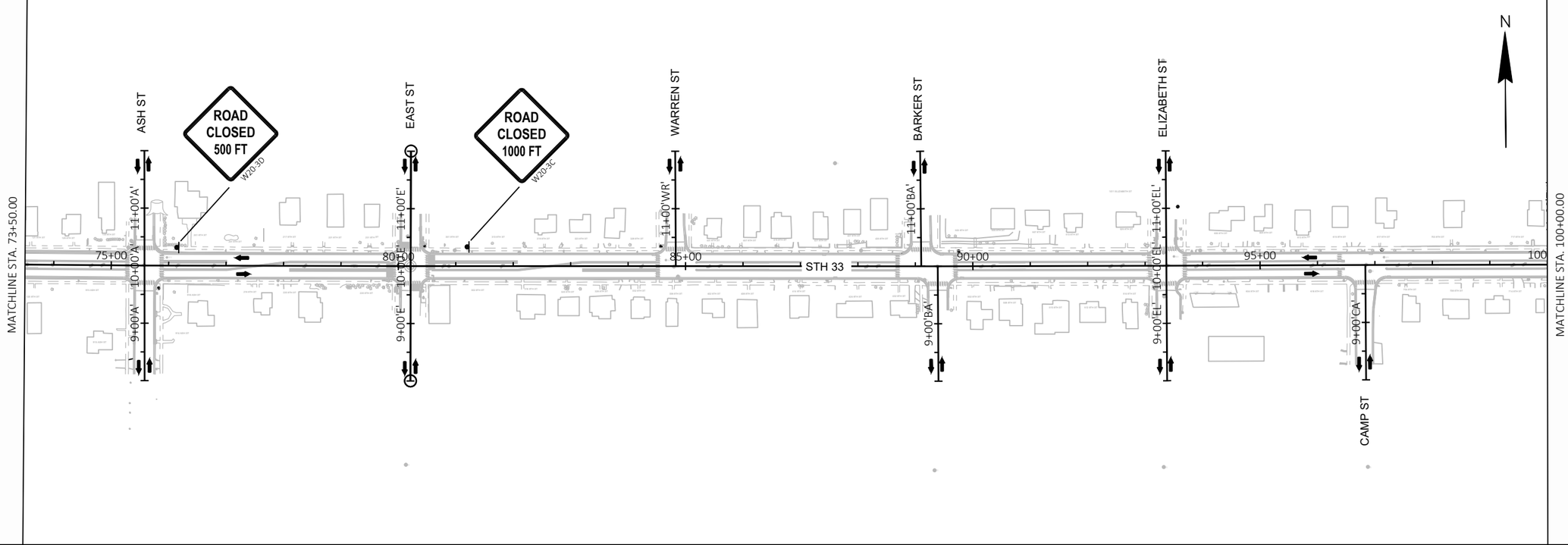
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF ROADWAY TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- WORK ZONE
- * — SEE SIDE ROAD CLOSURE DETAIL

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 3	SHEET 226	E

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF ROADWAY TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- WORK ZONE
- * — SEE SIDE ROAD CLOSURE DETAIL





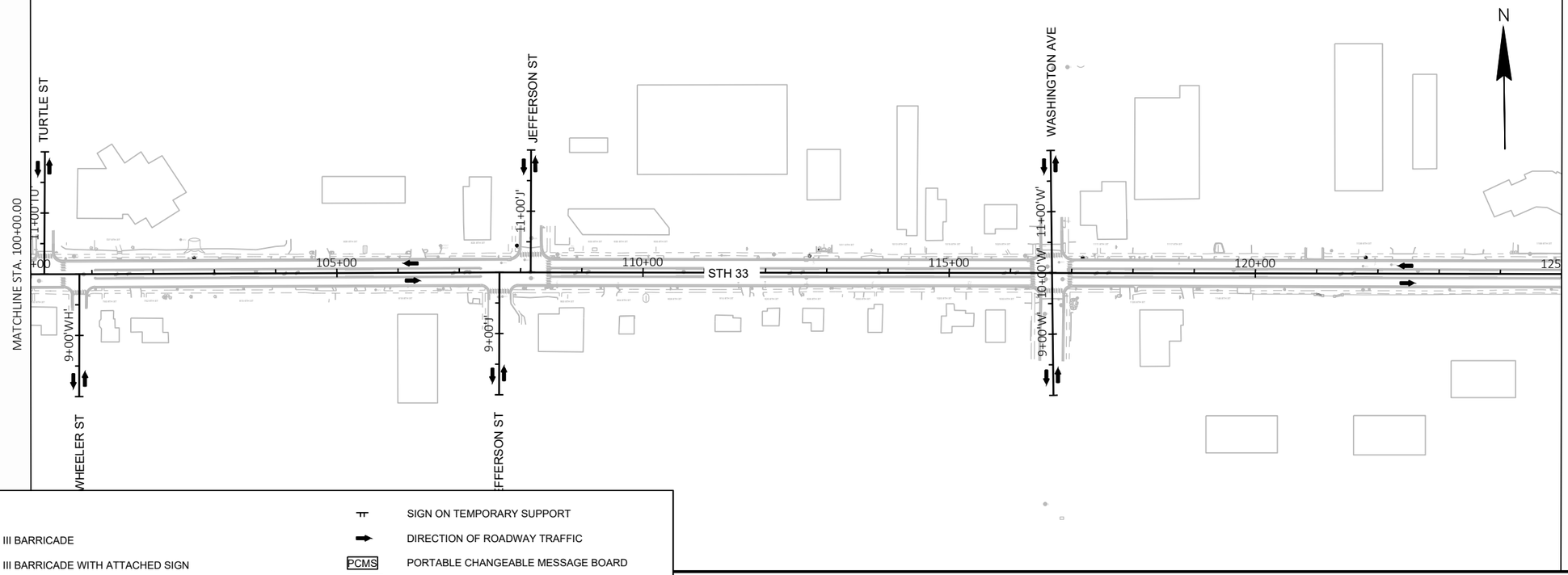
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 3	SHEET 227	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\025003-TC S3.DWG
LAYOUT NAME - 02

PLOT DATE : 5/18/2023 4:08 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

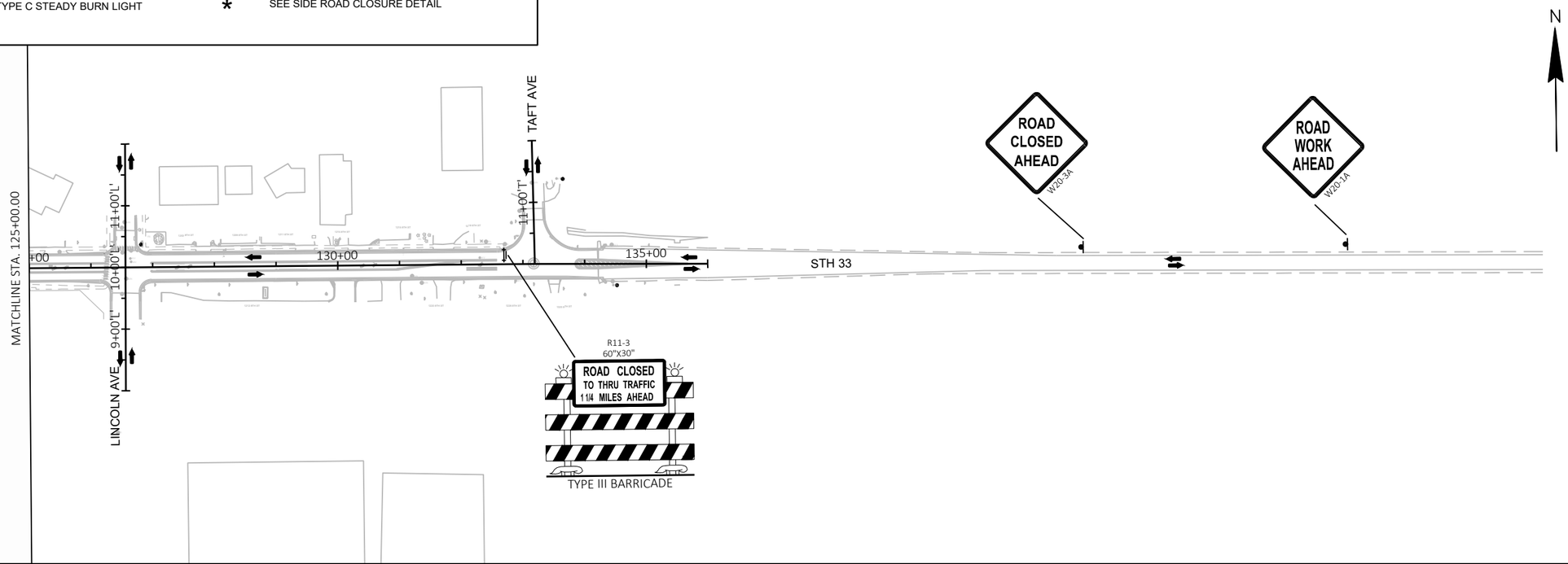
2



2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF ROADWAY TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- WORK ZONE
- * — SEE SIDE ROAD CLOSURE DETAIL



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 3	SHEET 228	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\025003-TC S3.DWG
LAYOUT NAME - 03

PLOT DATE : 5/18/2023 4:09 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND:

- WORK ZONE
- DIRECTION OF PEDESTRIAN TRAFFIC
- TRAFFIC CONTROL BARRICADES TYPE II WITH ATTACHED SIGN
- TEMPORARY SIDEWALK
- EXISTING CROSSWALK
- TEMPORARY CROSSWALK
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN BARRICADE

GENERAL NOTES:

MAINTAIN PEDESTRIAN ACCESS TO BUSINESSES AND RESIDENCIES DURING CONSTRUCTION.

LIMIT SIDEWALK CLOSURES TO ONE INTERSECTION QUADRANT OR ONE SIDE OF THE STREET AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

PEDESTRIAN PATH AREA TO BE EXISTING CONCRETE SIDEWALK OR APPROVED TEMPORARY PEDESTRIAN SURFACE.

THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ADJACENT INTERSECTION PEDESTRIAN ACCOMMODATION TRAFFIC CONTROL CANNOT CONFLICT .

FOR CURB RAMPS THAT CAN'T BE DETOURED: ONCE THE EXISTING PAVEMENT IS REMOVED TEMPORARY CURB RAMPS, TEMPORARY PEDESTRIAN SURFACE, AND TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELDS ARE REQUIRED TO MAINTAIN ACCESS FOR PEDESTRIANS AT THE EXISTING/FINAL CROSSWALK LOCATIONS UNTIL THE FINAL HMA SURFACE IS PAVED.

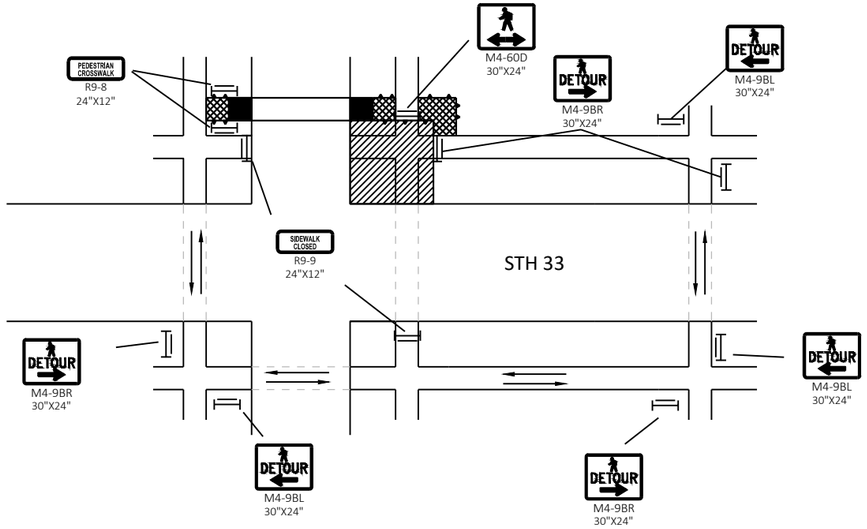
S.D.D.

* S.D.D. TRAFFIC CONTROL, PEDESTRIAN ACCOMODATION

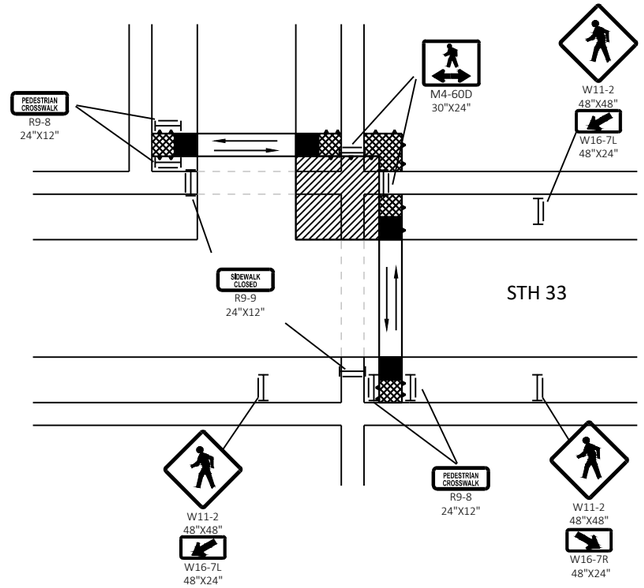
4 CURB RAMP DETOUR

DETOUR FOR :
CONNIE RD
PARK ST
SUMMIT ST
WEST ST
BIRCH ST

BROADWAY ST
OAK ST
ASH ST
EAST ST
BARKER ST
ELIZABETH ST
WASHINGTON AVE

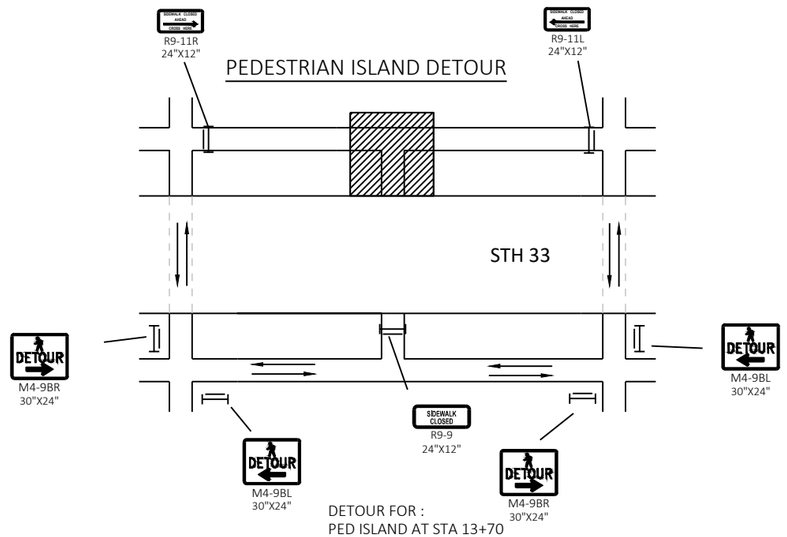


3 CURB RAMP DETOUR



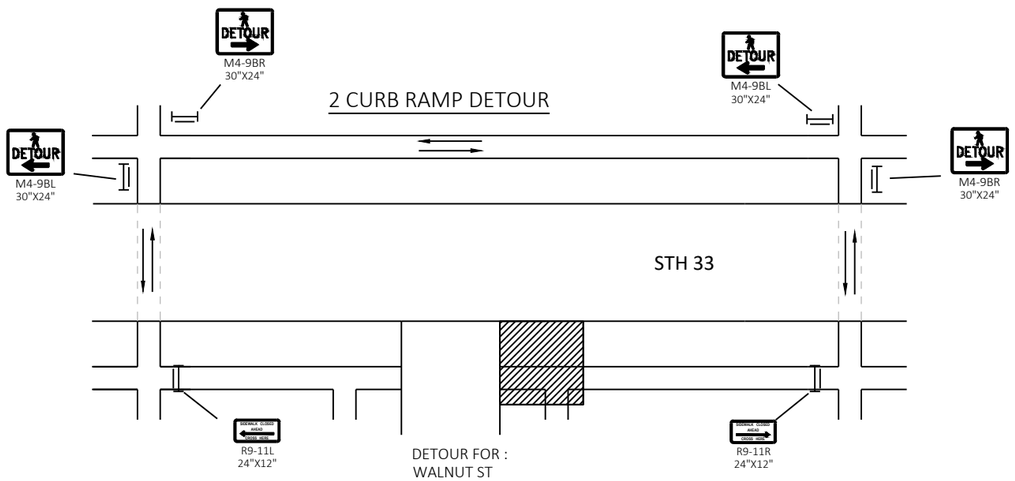
DETOUR FOR :
W MULBERRY ST
WILLOW ST
HILL ST
DRAPER ST
WARREN ST
CAMP ST
TUTTLE ST
JEFFERSON ST
LINCOLN AVE

PEDESTRIAN ISLAND DETOUR



DETOUR FOR :
PED ISLAND AT STA 13+70
PED ISLAND AT STA 52+75

2 CURB RAMP DETOUR



DETOUR FOR :
WALNUT ST
CEDAR ST

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - DETAILS	SHEET 229	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\025004-TC PED DETOUR.DWG
LAYOUT NAME - 01

PLOT DATE : 5/22/2023 7:27 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : ############

LEGEND:

- WORK ZONE
- DIRECTION OF PEDESTRIAN TRAFFIC
- TRAFFIC CONTROL BARRICADES TYPE II WITH ATTACHED SIGN
- TEMPORARY SIDEWALK
- EXISTING CROSSWALK
- TEMPORARY CROSSWALK
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN BARRICADE

GENERAL NOTES:

MAINTAIN PEDESTRIAN ACCESS TO BUSINESSES AND RESIDENCIES DURING CONSTRUCTION.

LIMIT SIDEWALK CLOSURES TO ONE INTERSECTION QUADRANT OR ONE SIDE OF THE STREET AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

PEDESTRIAN PATH AREA TO BE EXISTING CONCRETE SIDEWALK OR APPROVED TEMPORARY PEDESTRIAN SURFACE.

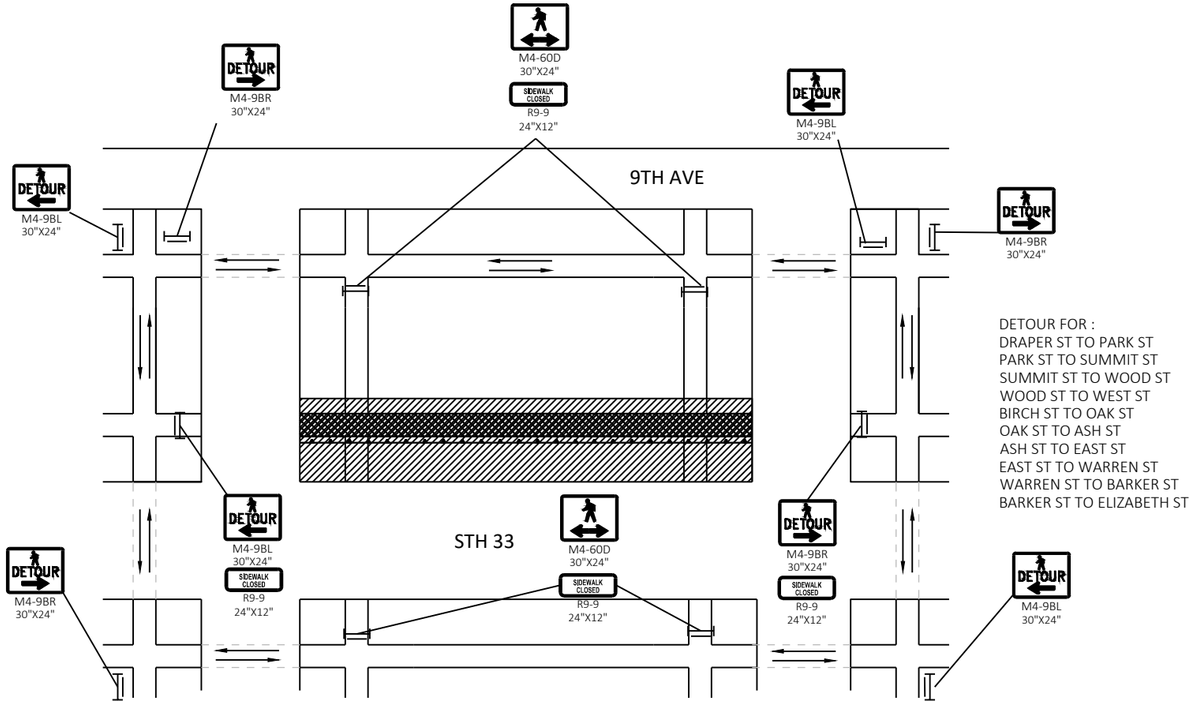
THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

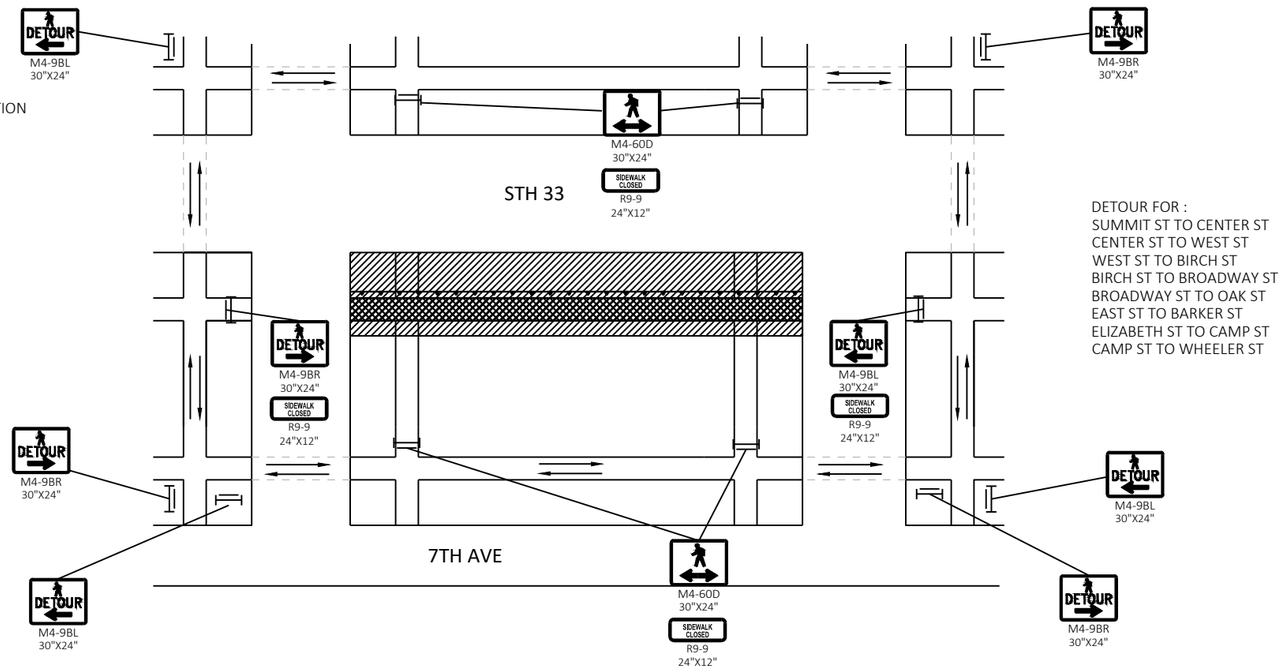
ADJACENT INTERSECTION PEDESTRIAN ACCOMMODATION TRAFFIC CONTROL CANNOT CONFLICT .

FOR CURB RAMPS THAT CAN'T BE DETOURED: ONCE THE EXISTING PAVEMENT IS REMOVED TEMPORARY CURB RAMPS, TEMPORARY PEDESTRIAN SURFACE, AND TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELDS ARE REQUIRED TO MAINTAIN ACCESS FOR PEDESTRIANS AT THE EXISTING/FINAL CROSSWALK LOCATIONS UNTIL THE FINAL HMA SURFACE IS PAVED.

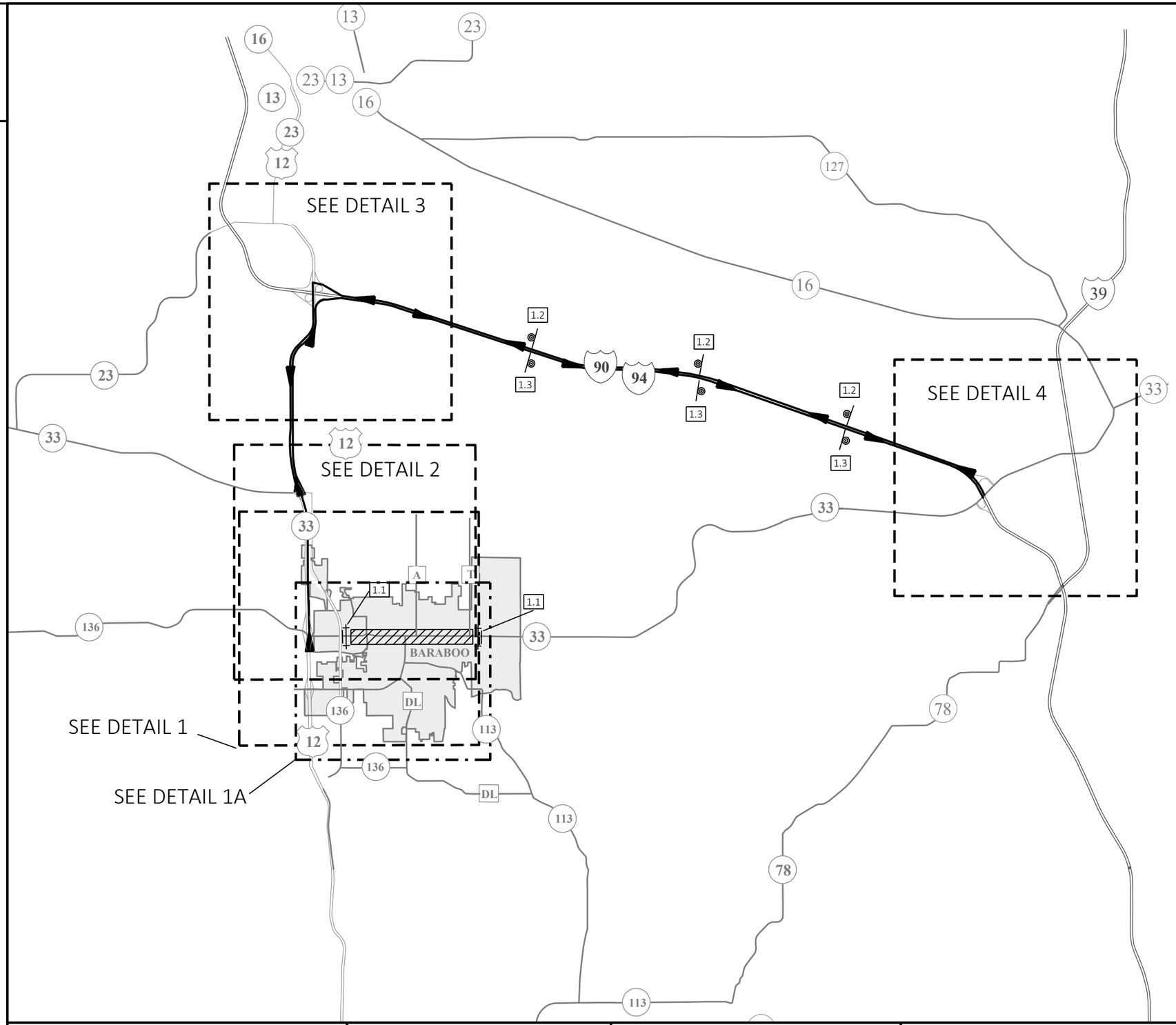
S.D.D.

* S.D.D. TRAFFIC CONTROL, PEDESTRIAN ACCOMODATION





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	TRAFFIC CONTROL - DETAILS	SHEET 230	E



N

LEGEND

- WORK ZONE
- DETOUR ROUTE
- X — SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POSTS
- BARRICADE TYPE III WITH SIGN

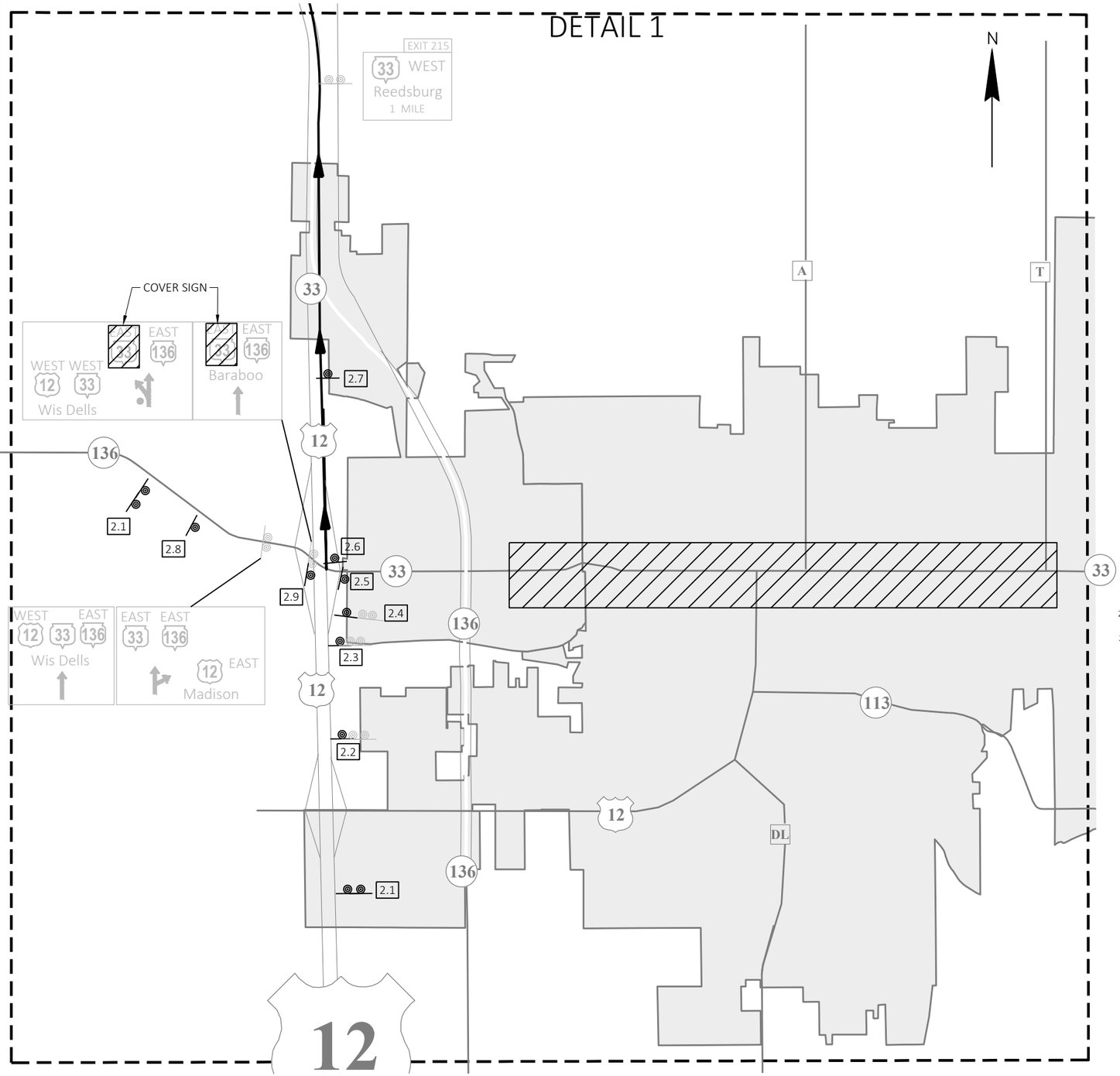
NOTES

- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- EXACT NUMBER, LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS, UNLESS OTHERWISE PROVIDED IN THE PLAN.
- SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER THE ITEM 'TRAFFIC CONTROL COVERING SIGNS'.
- USE SIGN SIZE 3 ON FREEWAY, USE SIGN SIZE 2 ON LOCAL HIGHWAYS AND RAMPS.

ROAD CLOSED TO THRU TRAFFIC	R11-4 60"X30"	DETOUR / WEST / 33	M4-8 36"X18" / M3-4 36"X18" / M1-6 36"X36"
		DETOUR / EAST / 33	M4-8 36"X18" / M3-2 36"X18" / M1-6 36"X36"
1.1		1.2	1.3

2

DETAIL 1



LEGEND

- WORK ZONE
- DETOUR ROUTE
- X — SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POSTS
- BARRICADE TYPE III WITH SIGN

NOTES

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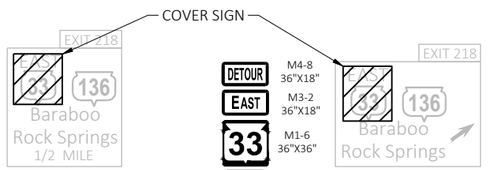
- USE SIGN SIZE 3 ON FREEWAY, USE SIGN SIZE 2 ON LOCAL HIGHWAYS AND RAMPS.

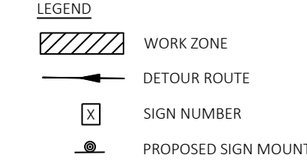
EAST 33 CLOSED
AT BARABOO
FOLLOW DETOUR

2.1

2.2

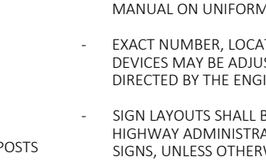


2.3

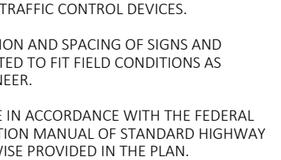


2.4

2.5



2.6



2.7

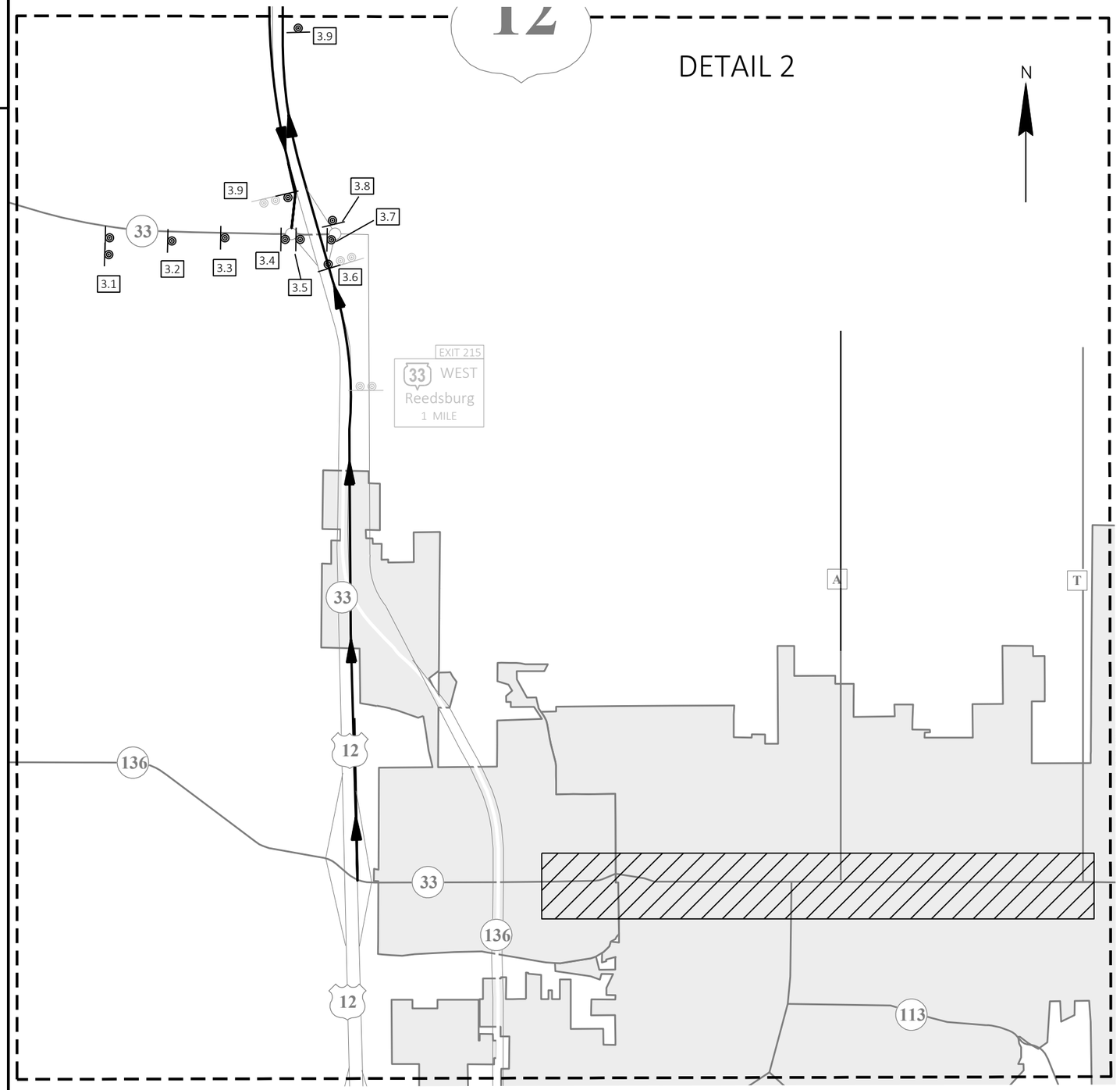
2.8

2.9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	DETOUR - STH 33	SHEET 232	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 02
PLOT DATE : 4/28/2023 10:29 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:0.5 MI
WISDOT/CADDS SHEET 42

DETAIL 2



LEGEND

- WORK ZONE
- DETOUR ROUTE
- X — SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POSTS
- BARRICADE TYPE III WITH SIGN

NOTES

- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- EXACT NUMBER, LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
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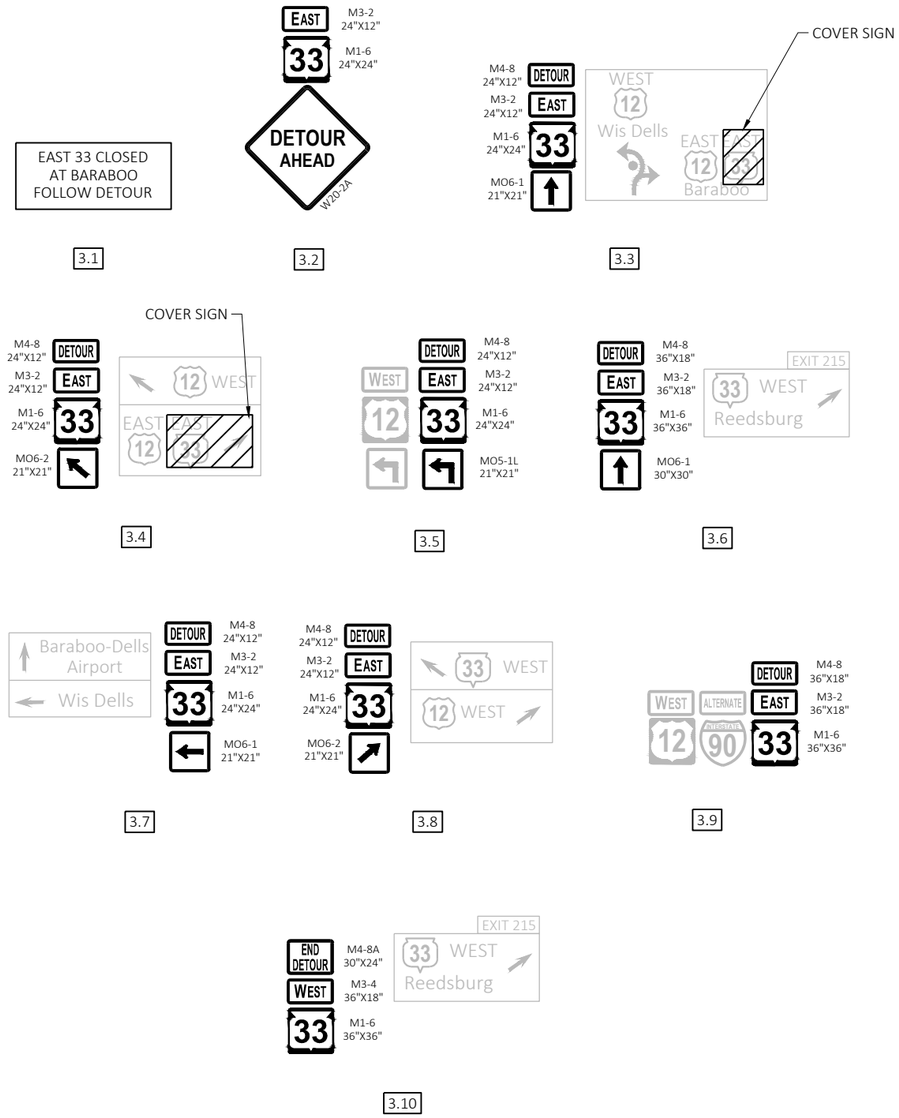
- SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER THE ITEM 'TRAFFIC CONTROL COVERING SIGNS'.
- USE SIGN SIZE 3 ON FREEWAY, USE SIGN SIZE 2 ON LOCAL HIGHWAYS AND RAMPS.



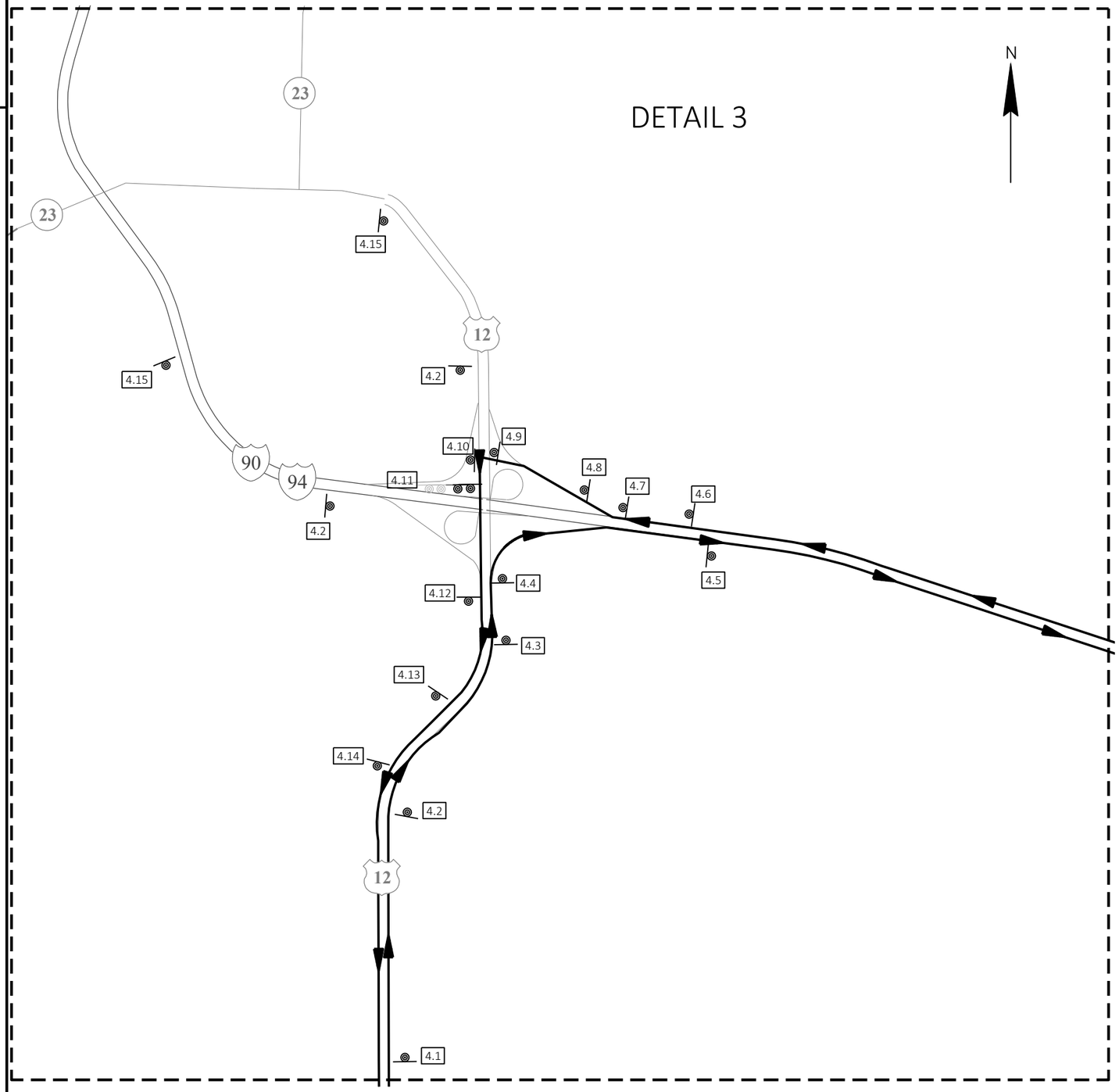
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	DETOUR - STH 33	SHEET 233	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 03

PLOT DATE : 4/28/2023 10:30 AM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:0.5 MI

WISDOT/CADDS SHEET 42

DETAIL 3

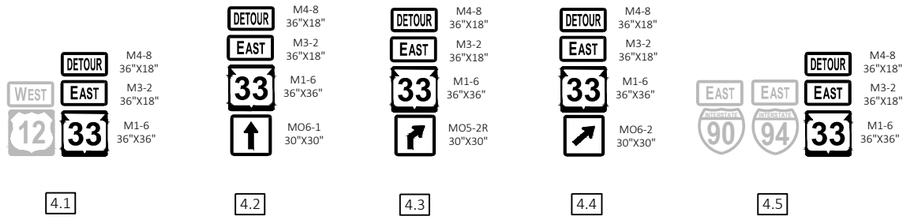


LEGEND

- WORK ZONE
- DETOUR ROUTE
- X — SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POSTS
- BARRICADE TYPE III WITH SIGN

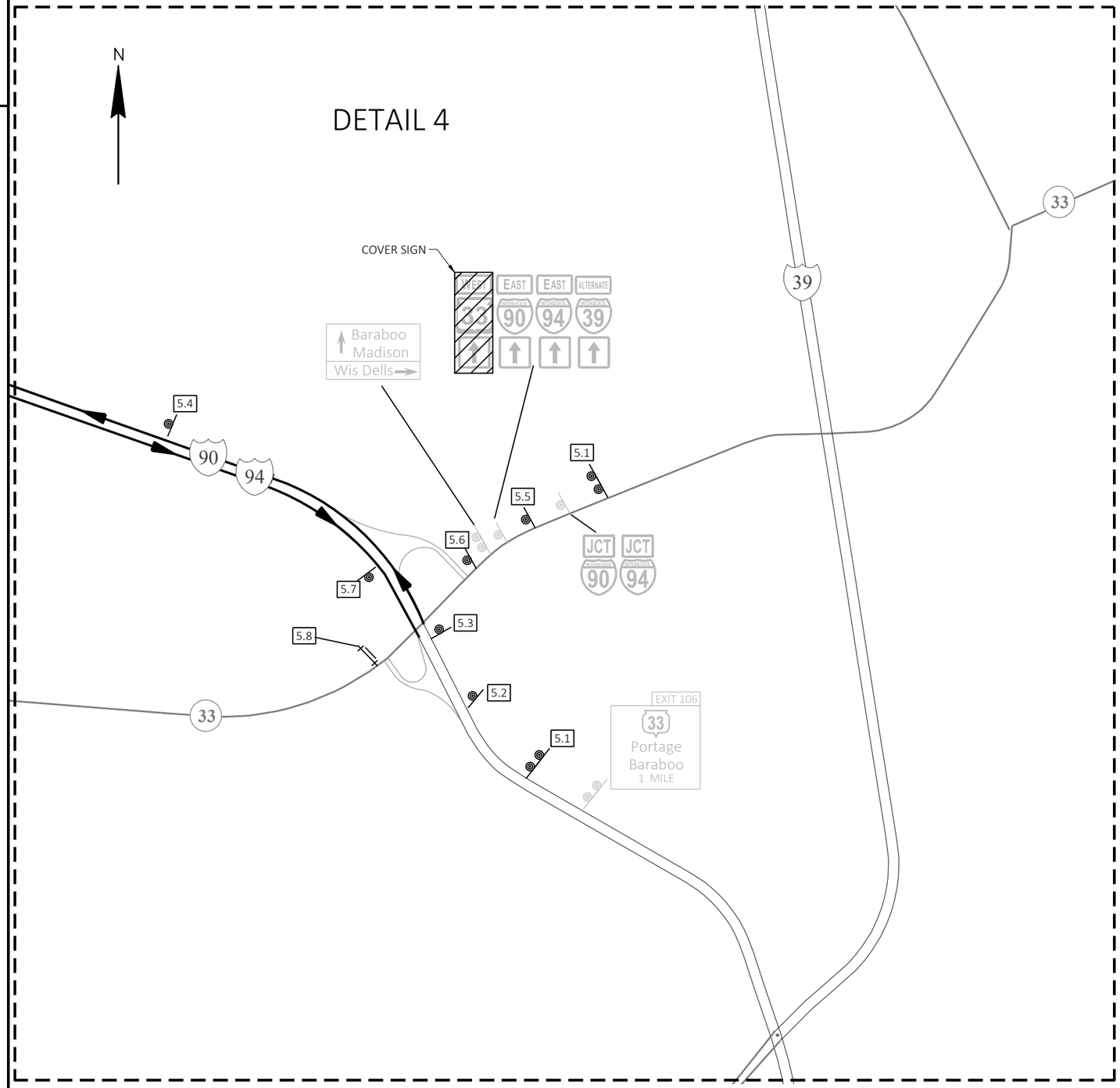
NOTES

- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- EXACT NUMBER, LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS, UNLESS OTHERWISE PROVIDED IN THE PLAN.
- SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER THE ITEM 'TRAFFIC CONTROL COVERING SIGNS'.
- USE SIGN SIZE 3 ON FREEWAY, USE SIGN SIZE 2 ON LOCAL HIGHWAYS AND RAMPS.



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	DETOUR - STH 33	SHEET 234	E

DETAIL 4



LEGEND

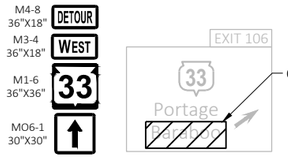
- WORK ZONE
- DETOUR ROUTE
- X — SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POSTS
- BARRICADE TYPE III WITH SIGN

NOTES

- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- EXACT NUMBER, LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS, UNLESS OTHERWISE PROVIDED IN THE PLAN.
- SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER THE ITEM 'TRAFFIC CONTROL COVERING SIGNS'.
- USE SIGN SIZE 3 ON FREEWAY, USE SIGN SIZE 2 ON LOCAL HIGHWAYS AND RAMPS.

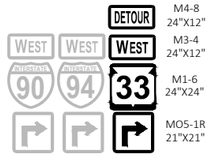
5.1

5.2

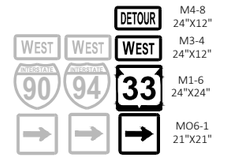


5.3

5.4



5.5



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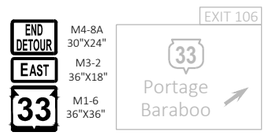


5.7

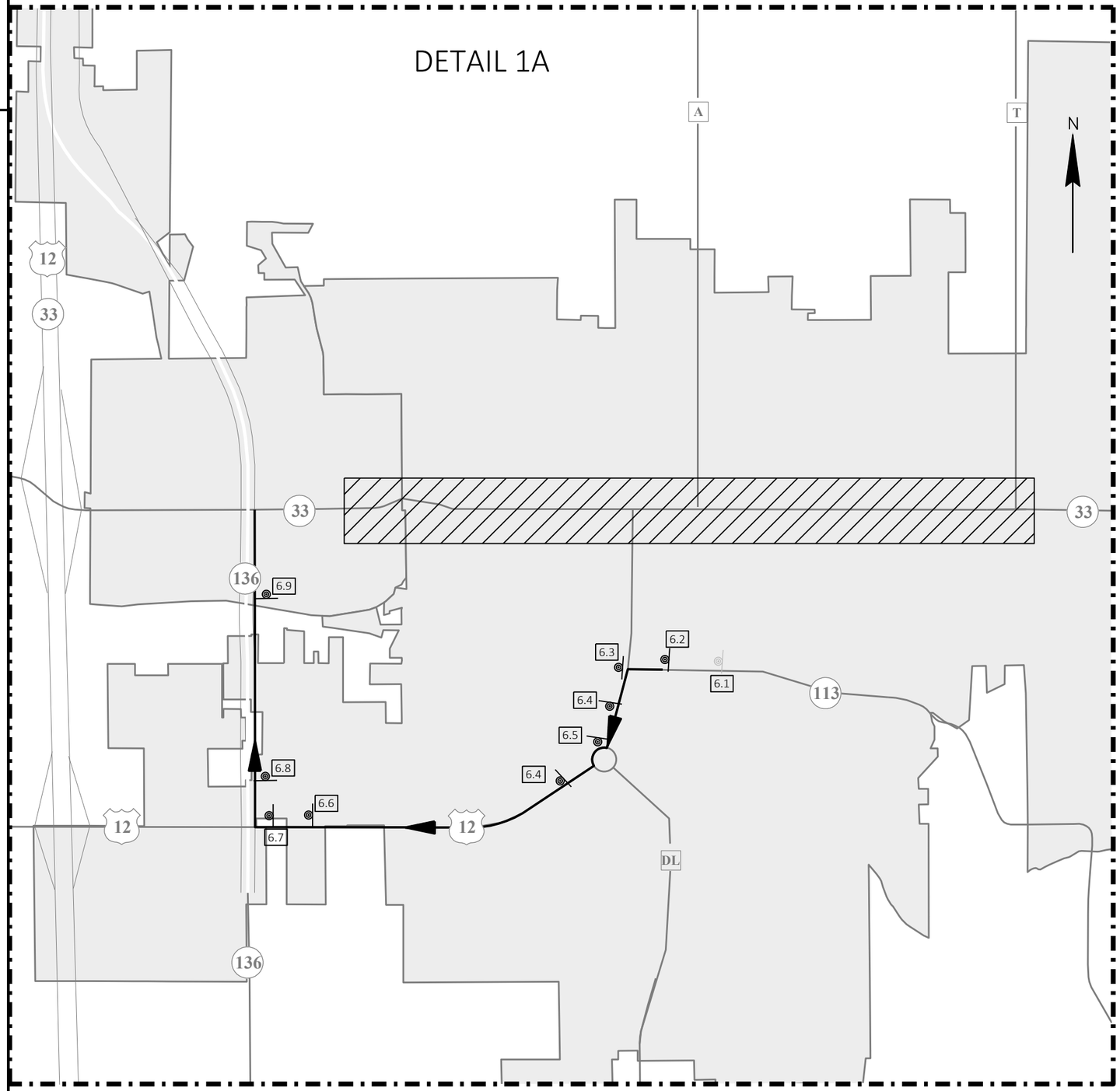
5.8

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	DETOUR - STH 33	SHEET 235	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 05

PLOT DATE : 4/28/2023 10:31 AM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:0.5 MI

DETAIL 1A



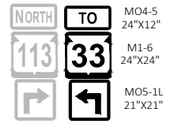
LEGEND

- WORK ZONE
- DETOUR ROUTE
- X — SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POSTS
- BARRICADE TYPE III WITH SIGN

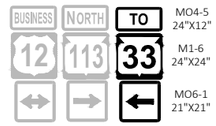
NOTES

- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- EXACT NUMBER, LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- SIGN LAYOUTS SHALL BE IN ACCORDANCE WIHT THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS, UNLESS OTHERWISE PROVIDED IN THE PLAN.
- SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER THE ITEM 'TRAFFIC CONTROL COVERING SIGNS'.
- USE SIGN SIZE 3 ON FREEWAY, USE SIGN SIZE 2 ON LOCAL HIGHWAYS AND RAMPS.

6.1

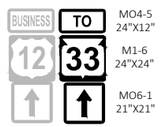


6.2

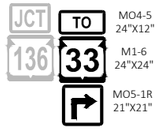


6.3

6.4



6.5



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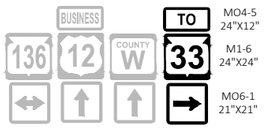
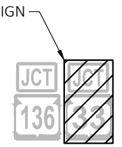


6.7

6.8



6.9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	DETOUR - STH 113	SHEET 236	E

2

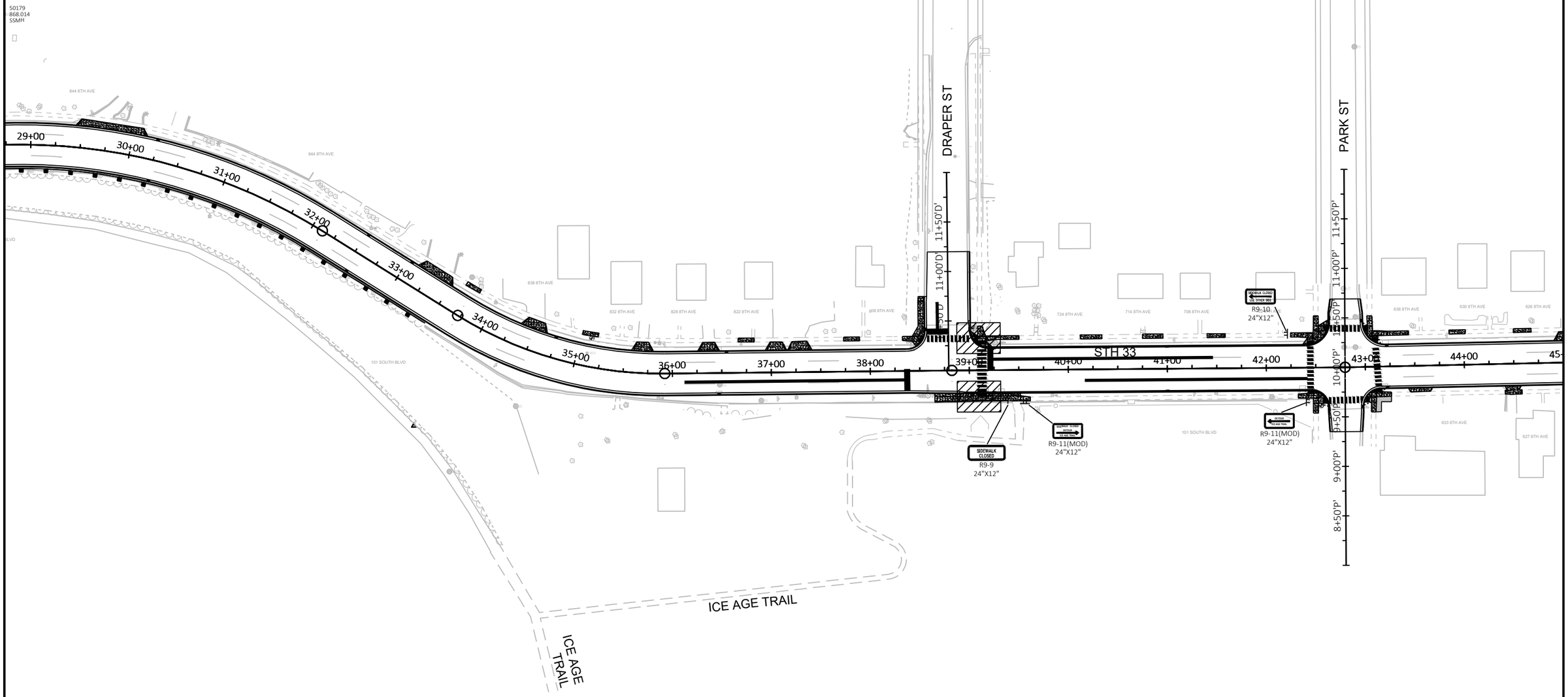
LEGEND

TYPE II BARRICADE WITH SIGN

WORK ZONE

NOTES:

1. DO NOT WORK ON PARK ST CURB RAMPS AT THE SAME TIME AS THE DRAPER ST CURB RAMPS.
2. LIMIT SIDEWALK CLOSURES TO ONE INTERSECTION QUADRANT AT INTERSECTIONS AND ONE SIDE OF THE STREET BETWEEN INTERSECTIONS TO MINIMIZE PEDESTRIAN DISRUPTION.
3. PEDESTRIAN PATH AREA TO BE EXISTING CONCRETE SIDEWALK OR APPROVED TEMPORARY PEDESTRIAN SURFACE.
4. LOCATION OF TEMPORARY CROSSWALK SHALL BE MOVED AS NEEDED TO PROVIDE CONTINUOUS PEDESTRIAN ACCESS THROUGHOUT THE RECONSTRUCTION PROJECT.
5. SEE STANDARD DETAIL DRAWING 'TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION' FOR DEVICE LAYOUT OF SIDEWALK AND RAMP CLOSURES.



50179
868.014
SSMH

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	DETOUR - ICE AGE TRAIL	SHEET 237 E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\027003-DT.DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 10:34 AM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

SEE DETAIL 1

SEE DETAIL 2

SEE DETAIL 3

LEGEND

- WORK ZONE
- DETOUR ROUTE
- X — SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POSTS
- BARRICADE TYPE III WITH SIGN

NOTES

- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- EXACT NUMBER, LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
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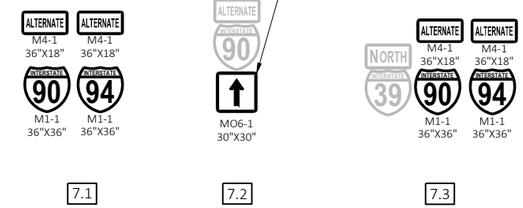
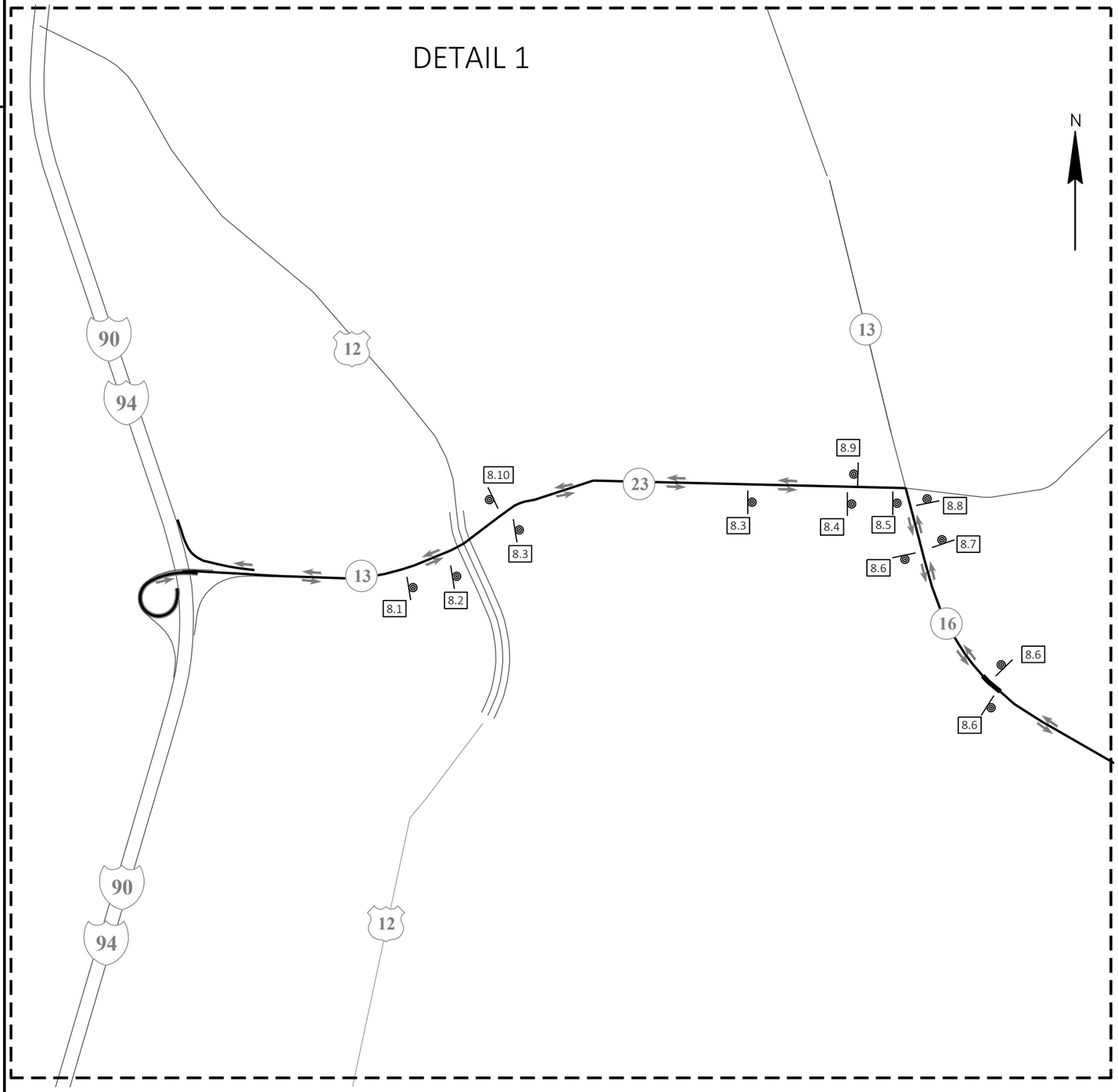


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	DETOUR - EMERGENCY ALTERNATE ROUTE IH 90-94	SHEET 238	E

2

DETAIL 1



LEGEND

- WORK ZONE
- DETOUR ROUTE
- [X] SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POSTS
- BARRICADE TYPE III WITH SIGN

NOTES

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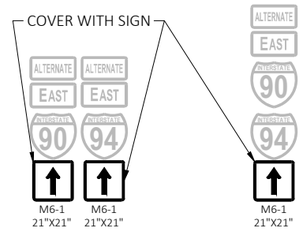
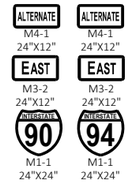


8.1 8.2



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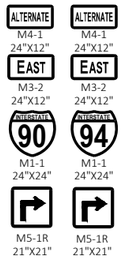

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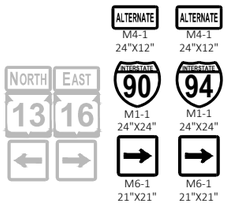
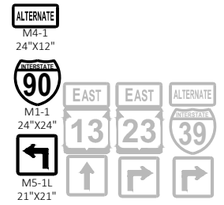


8.5

8.6



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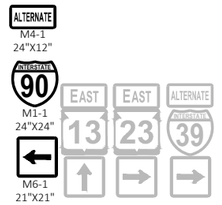

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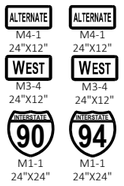
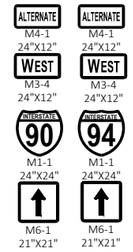


8.9



8.10

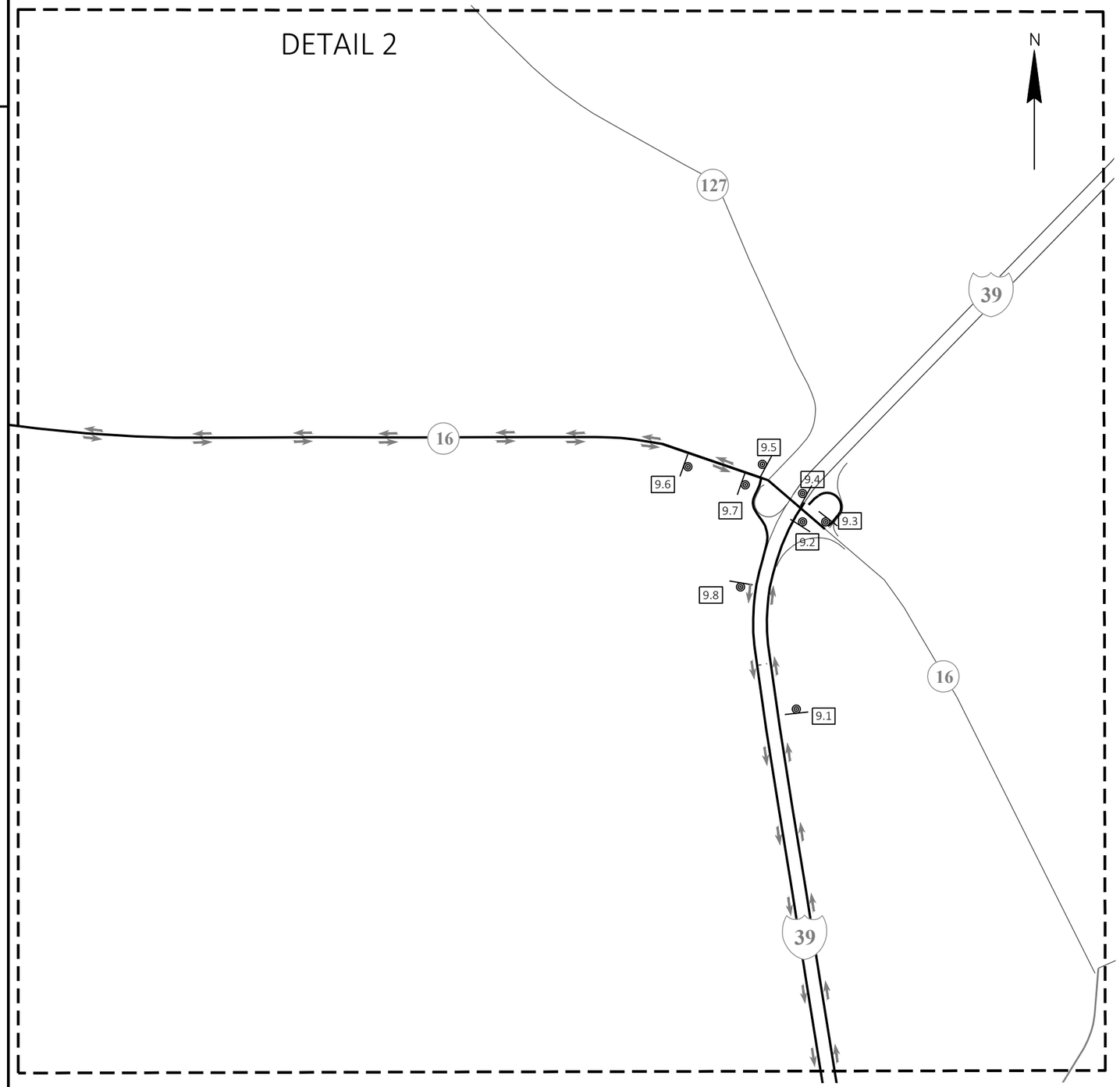
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	DETOUR - EMERGENCY ALTERNATE ROUTE IH 90-94	SHEET 239	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\027004-DT.DWG
LAYOUT NAME - 02

PLOT DATE : 4/28/2023 10:37 AM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:2000 FT

WISDOT/CADDS SHEET 42

DETAIL 2



LEGEND

- WORK ZONE
- DETOUR ROUTE
- X — SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POSTS
- BARRICADE TYPE III WITH SIGN

NOTES

- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
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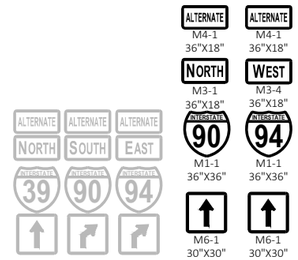
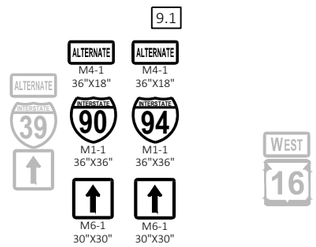


9.4

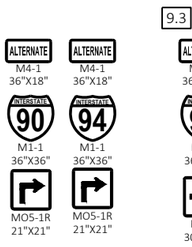
9.1



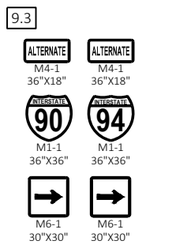
9.5

9.2

9.6



9.3



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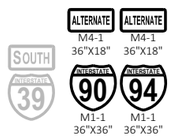
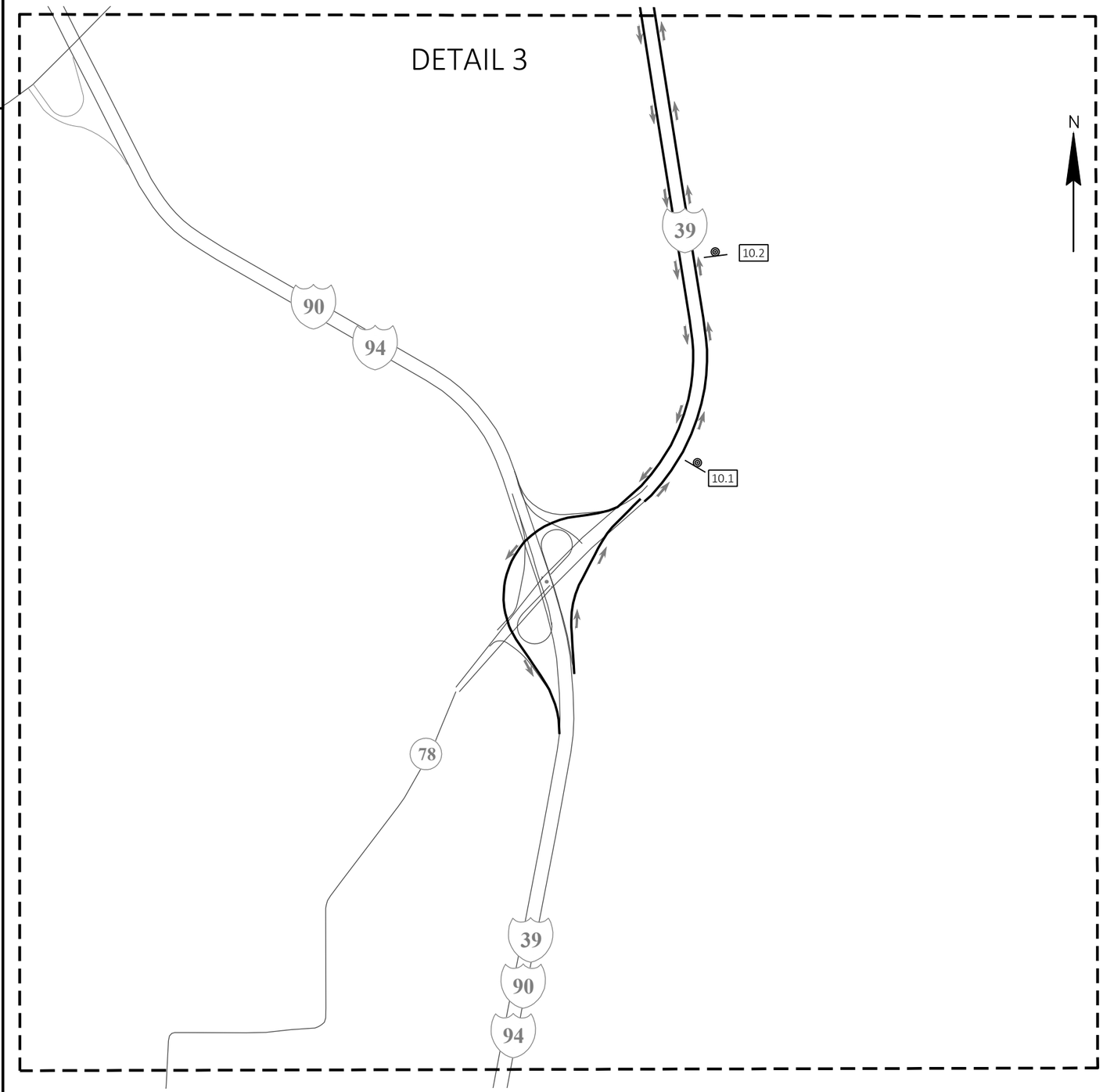


9.8

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	DETOUR - EMERGENCY ALTERNATE ROUTE IH 90-94	SHEET 240	E

2

DETAIL 3



LEGEND

- WORK ZONE
- DETOUR ROUTE
- [X] SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POSTS
- BARRICADE TYPE III WITH SIGN

NOTES

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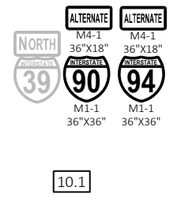
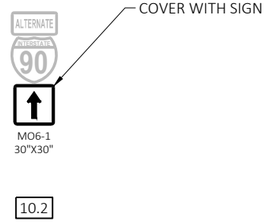


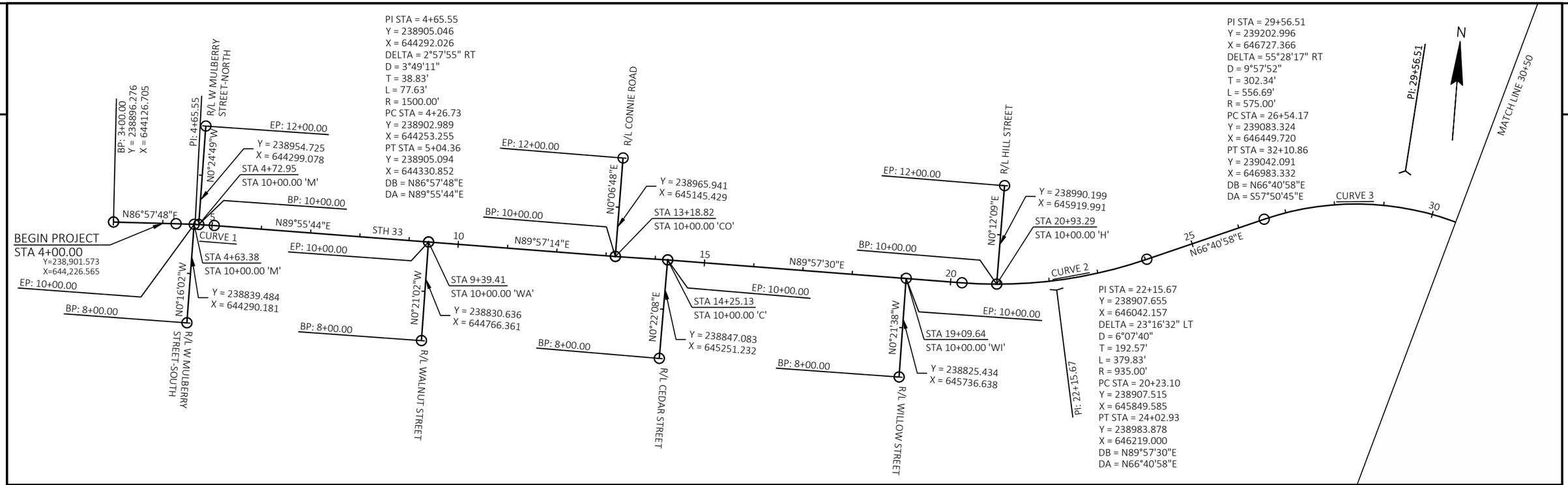
10.1

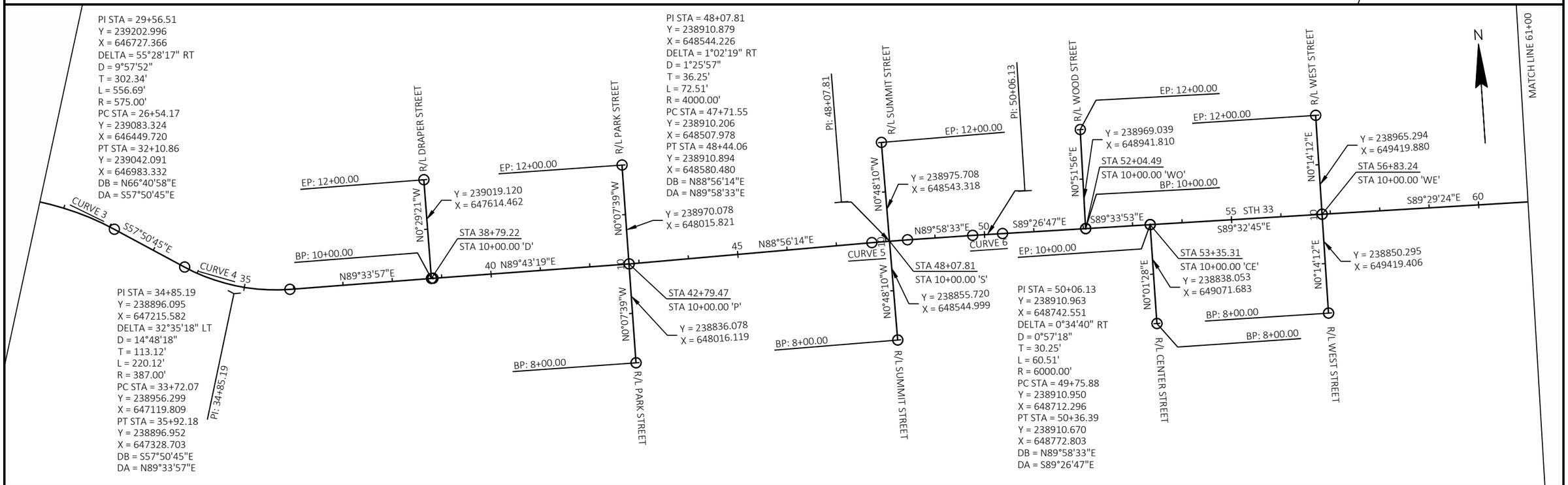


10.2

2

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	DETOUR - EMERGENCY ALTERNATE ROUTE IH 90-94	SHEET 241	E





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	ALIGNMENT DETAILS	SHEET 242	E

2

MATCH LINE 61+00

R/L BIRCH STREET

EP: 12+00.00

Y = 238961.180
X = 649882.015

STA 61+45.37
STA 10+00.00 'BI'

N0°15'04"E

Y = 238831.182
X = 649881.445

BP: 8+00.00

R/L BIRCH STREET

S89°31'28"E

65

STA 66+23.27
STA 10+00.00 'B'

EP: 10+00.00

N0°26'01"E

Y = 238727.221
X = 650358.593

R/L BROADWAY STREET

BP: 4+00.00

S89°20'39"E

70

EP: 12+00.00

R/L OAK STREET

Y = 238951.833
X = 650830.042

STA 70+93.31
STA 10+00.00 'O'

N0°22'58"E

Y = 238814.836
X = 650829.126

BP: 8+00.00

R/L OAK STREET

STH 33

S89°25'52"E

75

EP: 12+00.00

R/L ASH STREET

Y = 238956.219
X = 651294.454

STA 75+58.05
STA 10+00.00 'A'

N0°04'51"E

Y = 238750.219
X = 651294.163

BP: 8+00.00

R/L ASH STREET

S89°47'03"E

80

EP: 12+00.00

R/L EAST STREET

Y = 238955.473
X = 651757.885

STA 80+21.34
STA 10+00.00 'E'

N0°11'53"E

Y = 238830.474
X = 651757.453

BP: 8+00.00

R/L EAST STREET

S89°53'31"E

85

EP: 12+00.00

R/L WARREN STREET

Y = 238939.604
X = 652218.981

STA 84+82.81
STA 10+00.00 'WR'

N0°08'27"W

BP: 10+00.00

S89°53'26"E

90

EP: 12+00.00

R/L BARKER STREET-NORTH

Y = 238938.785
X = 652646.103

STA 89+10.25
STA 10+00.00 'BA'

N0°28'21"W

BP: 10+00.00

N89°59'34"E

EP: 10+00.00

STA 89+38.91
STA 10+00.00 'BA'

Y = 238828.733
X = 652675.502

N0°17'59"W

BP: 8+00.00

R/L BARKER STREET-SOUTH

N

MATCH LINE 91+50

2

MATCH LINE 91+50

R/L ELIZABETH STREET

EP: 12+00.00

Y = 238943.782
X = 653072.955

STA 93+36.96
STA 10+00.00 'EL'

N0°17'30"W

Y = 238823.784
X = 653073.566

BP: 8+00.00

R/L ELIZABETH STREET

N89°59'34"E

95

N89°50'34"E

EP: 10+00.00

STA 96+83.32
STA 10+00.00 'CA'

N0°15'40"W

Y = 238809.734
X = 653419.960

BP: 8+00.00

R/L CAMP STREET

S89°59'06"E

100

R/L TUTTLE STREET

EP: 12+00.00

Y = 238934.644
X = 653758.860

STA 100+22.27
STA 10+00.00 'TU'

N0°19'57"E

BP: 10+00.00

STH 33

N89°48'55"E

EP: 10+00.00

STA 100+79.60
STA 10+00.00 'WH'

N0°10'26"E

Y = 238829.630
X = 653815.732

BP: 8+00.00

R/L WHEELER STREET

105

R/L JEFFERSON STREET-NORTH

EP: 12+00.00

Y = 238959.726
X = 654553.094

STA 108+16.36
STA 10+00.00 'J'

N0°20'37"E

BP: 10+00.00

110

S89°52'10"E

EP: 10+00.00

STA 107+65.50
STA 10+00.00 'J'

N0°13'30"E

Y = 238818.843
X = 654501.534

BP: 8+00.00

R/L JEFFERSON STREET-SOUTH

115

R/L WASHINGTON AVENUE

EP: 12+00.00

Y = 238953.782
X = 655403.350

STA 116+67.75
STA 10+00.00 'W'

N0°34'50"W

Y = 238818.789
X = 655404.718

BP: 8+00.00

R/L WASHINGTON AVENUE

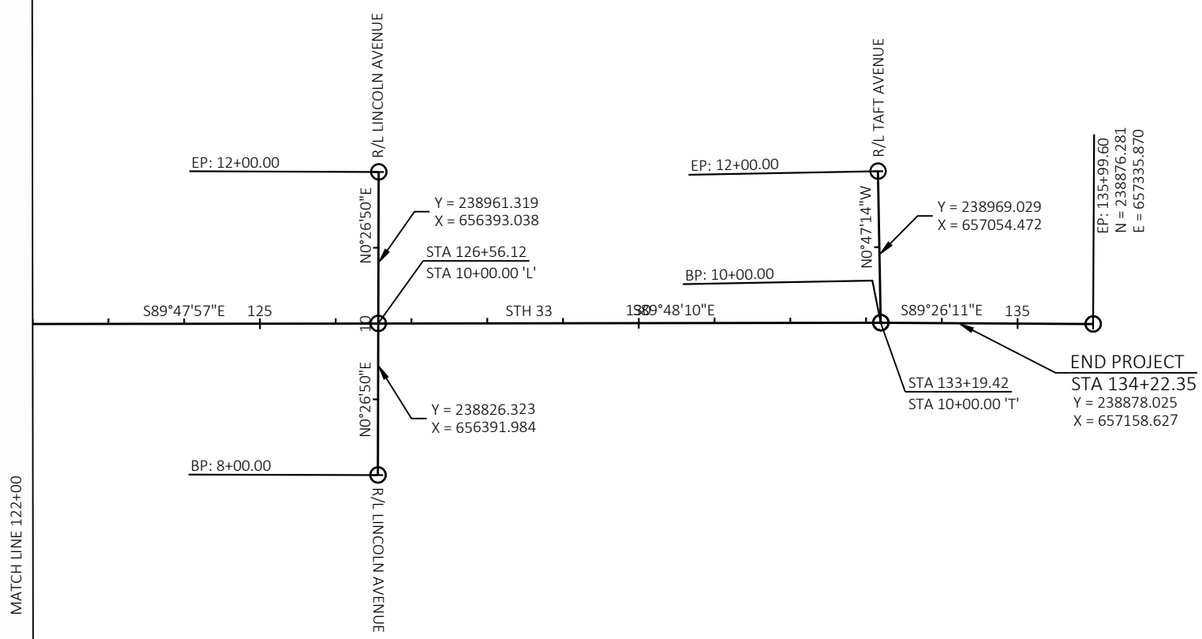
S89°47'57"E

120

N

MATCH LINE 122+00

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	ALIGNMENT DETAILS	SHEET 243	E



2

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	ALIGNMENT DETAILS	SHEET 244	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 03
PLOT DATE : 4/28/2023 10:13 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

Line	Item	Item Description	Unit	Total	5090-05-60 Qty	5090-05-71 Qty
0002	201.0220	Grubbing	ID	426.000	36.000	390.000
0004	204.0100	Removing Concrete Pavement	SY	74,946.000	12,810.000	62,136.000
0006	204.0110	Removing Asphaltic Surface	SY	5,231.000	1,812.000	3,419.000
0008	204.0115	Removing Asphaltic Surface Butt Joints	SY	266.000	133.000	133.000
0010	204.0150	Removing Curb & Gutter	LF	1,893.000	390.000	1,503.000
0012	204.0155	Removing Concrete Sidewalk	SY	5,072.000	1,529.000	3,543.000
0014	204.0165	Removing Guardrail	LF	1,046.000	374.000	672.000
0016	204.0185	Removing Masonry	CY	29.000		29.000
0018	204.0195	Removing Concrete Bases	EACH	29.000	2.000	27.000
0020	204.0210	Removing Manholes	EACH	34.000	2.000	32.000
0022	204.0220	Removing Inlets	EACH	114.000	22.000	92.000
0024	204.0245	Removing Storm Sewer (size) 01. 12-INCH	LF	3,441.000	404.000	3,037.000
0026	204.0245	Removing Storm Sewer (size) 02. 15-INCH	LF	2,026.000	299.000	1,727.000
0028	204.0245	Removing Storm Sewer (size) 03. 18-INCH	LF	1,004.000	368.000	636.000
0030	204.0245	Removing Storm Sewer (size) 04. 24-INCH	LF	1,509.000	321.000	1,188.000
0032	204.0245	Removing Storm Sewer (size) 05. 24X38-INCH	LF	38.000		38.000
0034	204.0245	Removing Storm Sewer (size) 06. 36-INCH	LF	263.000		263.000
0036	204.0245	Removing Storm Sewer (size) 07. 42-INCH	LF	25.000	25.000	
0038	204.0245	Removing Storm Sewer (size) 08. 48-INCH	LF	1,059.000	1,059.000	
0040	204.0280	Sealing Pipes	EACH	2.000	1.000	1.000
0042	204.9090.S	Removing (item description) 01. Removing Railing	LF	337.000		337.000
0044	205.0100	Excavation Common	CY	72,563.000	13,451.000	59,112.000
0046	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 5090-05-60	EACH	1.000	1.000	
0048	211.0101	Prepare Foundation for Asphaltic Paving (project) 02. 5090-05-71	EACH	1.000		1.000
0050	213.0100	Finishing Roadway (project) 01. 5090-05-60	EACH	1.000	1.000	
0052	213.0100	Finishing Roadway (project) 02. 5090-05-71	EACH	1.000		1.000
0054	305.0110	Base Aggregate Dense 3/4-Inch	TON	2,149.000	715.000	1,434.000
0056	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	57,246.000	10,219.000	47,027.000
0058	312.0110	Select Crushed Material	TON	65,624.000	11,497.000	54,127.000
0060	371.2000.S	QMP Base Aggregate Dense 1 1/4-Inch Compaction	EACH	54.000	12.000	42.000
0062	416.0160	Concrete Driveway 6-Inch	SY	819.000	228.000	591.000
0064	416.0170	Concrete Driveway 7-Inch	SY	1,898.000	624.000	1,274.000
0066	416.1010	Concrete Surface Drains	CY	1.000		1.000
0068	450.4000	HMA Cold Weather Paving	TON	2,425.000	951.000	1,474.000
0070	455.0605	Tack Coat	GAL	7,181.000	1,248.000	5,933.000
0072	460.2000	Incentive Density HMA Pavement	DOL	14,390.000	2,490.000	11,900.000
0074	460.6223	HMA Pavement 3 MT 58-28 S	TON	10,276.000	1,783.000	8,493.000
0076	460.6224	HMA Pavement 4 MT 58-28 S	TON	6,840.000	1,191.000	5,649.000
0078	460.6624	HMA Pavement 4 MT 58-28 V	TON	7,237.000	1,256.000	5,981.000
0080	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	198.000	145.000	53.000
0082	465.0315	Asphaltic Flumes	SY	12.000		12.000
0084	520.8000	Concrete Collars for Pipe	EACH	2.000	1.000	1.000
0086	531.2030	Drilling Shaft 30-Inch	LF	17.000		17.000
0088	531.5110	Foundation Single-Shaft Type MC-I (structure) 01. S-56-0030	EACH	1.000		1.000
0090	532.5110	Monotube Cantilever Type I (structure) 01. S-56-0030	EACH	1.000		1.000
0092	601.0405	Concrete Curb & Gutter 18-Inch Type A	LF	33.000	18.000	15.000
0094	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	817.000		817.000
0096	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	27,155.000	4,798.000	22,357.000
0098	601.0600	Concrete Curb Pedestrian	LF	89.000		89.000

Line	Item	Item Description	Unit	Total	5090-05-60 Qty	5090-05-71 Qty
0100	602.0405	Concrete Sidewalk 4-Inch	SF	35,133.000		35,133.000
0102	602.0410	Concrete Sidewalk 5-Inch	SF	17,514.000	17,514.000	
0104	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	1,532.000	270.000	1,262.000
0106	602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF	39.000	15.000	24.000
0108	602.1500	Concrete Steps	SF	16.000		16.000
0110	606.0200	Riprap Medium	CY	4.000		4.000
0112	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	5,027.000	825.000	4,202.000
0114	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	51.000		51.000
0116	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	992.000	83.000	909.000
0118	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	4,116.000	615.000	3,501.000
0120	608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	2,577.000		2,577.000
0122	608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	724.000		724.000
0124	608.0342	Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	LF	121.000	44.000	77.000
0126	608.0348	Storm Sewer Pipe Reinforced Concrete Class III 48-Inch	LF	760.000	760.000	
0128	608.0354	Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	LF	311.000	311.000	
0130	608.2324	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	LF	37.000		37.000
0132	611.0530	Manhole Covers Type J	EACH	81.000	14.000	67.000
0134	611.0545	Manhole Covers Type L	EACH	2.000		2.000
0136	611.0612	Inlet Covers Type C	EACH	1.000		1.000
0138	611.0624	Inlet Covers Type H	EACH	195.000	35.000	160.000
0140	611.0666	Inlet Covers Type Z	EACH	7.000		7.000
0142	611.1005	Catch Basins 5-FT Diameter	EACH	9.000	2.000	7.000
0144	611.1006	Catch Basins 6-FT Diameter	EACH	6.000		6.000
0146	611.2003	Manholes 3-FT Diameter	EACH	1.000		1.000
0148	611.2004	Manholes 4-FT Diameter	EACH	18.000	5.000	13.000
0150	611.2005	Manholes 5-FT Diameter	EACH	31.000		31.000
0152	611.2006	Manholes 6-FT Diameter	EACH	18.000		18.000
0154	611.2007	Manholes 7-FT Diameter	EACH	11.000	6.000	5.000
0156	611.2008	Manholes 8-FT Diameter	EACH	4.000	3.000	1.000
0158	611.2010	Manholes 10-FT Diameter	EACH	1.000	1.000	
0160	611.3003	Inlets 3-FT Diameter	EACH	7.000		7.000
0162	611.3004	Inlets 4-FT Diameter	EACH	14.000		14.000
0164	611.3230	Inlets 2x3-FT	EACH	177.000	35.000	142.000
0166	612.0106	Pipe Underdrain 6-Inch	LF	10,525.000	1,890.000	8,635.000
0168	614.2300	MGS Guardrail 3	LF	963.000	327.000	636.000
0170	614.2500	MGS Thrie Beam Transition	LF	39.000		39.000
0172	614.2610	MGS Guardrail Terminal EAT	EACH	1.000	1.000	
0174	618.0100	Maintenance And Repair of Haul Roads (project) 01. 5090-05-60	EACH	1.000	1.000	
0176	618.0100	Maintenance And Repair of Haul Roads (project) 02. 5090-05-71	EACH	1.000		1.000
0178	619.1000	Mobilization	EACH	1.000	0.200	0.800
0180	620.0300	Concrete Median Sloped Nose	SF	345.000	136.000	209.000
0182	623.0200	Dust Control Surface Treatment	SY	90,284.000	17,428.000	72,856.000
0184	624.0100	Water	MGAL	935.000	172.000	763.000
0186	625.0100	Topsoil	SY	16,714.000	3,367.000	13,347.000
0188	628.1504	Silt Fence	LF	1,677.000	564.000	1,113.000
0190	628.1520	Silt Fence Maintenance	LF	1,677.000	564.000	1,113.000
0192	628.1905	Mobilizations Erosion Control	EACH	25.000	5.000	20.000
0194	628.1910	Mobilizations Emergency Erosion Control	EACH	13.000	3.000	10.000
0196	628.2006	Erosion Mat Urban Class I Type A	SY	19,898.000	4,009.000	15,889.000

Line	Item	Item Description	Unit	Total	5090-05-60 Qty	5090-05-71 Qty
0198	628.7005	Inlet Protection Type A	EACH	355.000	75.000	280.000
0200	628.7015	Inlet Protection Type C	EACH	360.000	80.000	280.000
0202	628.7560	Tracking Pads	EACH	14.000	3.000	11.000
0204	628.7570	Rock Bags	EACH	68.000	10.000	58.000
0206	629.0210	Fertilizer Type B	CWT	11.000	2.000	9.000
0208	630.0140	Seeding Mixture No. 40	LB	301.000	61.000	240.000
0210	630.0200	Seeding Temporary	LB	228.000	46.000	182.000
0212	630.0500	Seed Water	MGAL	94.000	19.000	75.000
0214	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	84.000	12.000	72.000
0216	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	85.000	9.000	76.000
0218	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	9.000	4.000	5.000
0220	637.2210	Signs Type II Reflective H	SF	1,411.580	232.010	1,179.570
0222	638.2602	Removing Signs Type II	EACH	296.000	37.000	259.000
0224	638.3000	Removing Small Sign Supports	EACH	147.000	19.000	128.000
0226	643.0300	Traffic Control Drums	DAY	17,813.000	5,381.000	12,432.000
0228	643.0410	Traffic Control Barricades Type II	DAY	38,432.000	8,080.000	30,352.000
0230	643.0420	Traffic Control Barricades Type III	DAY	16,786.000	3,491.000	13,295.000
0232	643.0705	Traffic Control Warning Lights Type A	DAY	72,005.000	15,062.000	56,943.000
0234	643.0715	Traffic Control Warning Lights Type C	DAY	2,531.000		2,531.000
0236	643.0900	Traffic Control Signs	DAY	187,766.000	33,922.000	153,844.000
0238	643.0910	Traffic Control Covering Signs Type I	EACH	36.000	17.000	19.000
0240	643.0920	Traffic Control Covering Signs Type II	EACH	322.000		322.000
0242	643.1050	Traffic Control Signs PCMS	DAY	51.000		51.000
0244	643.3105	Temporary Marking Line Paint 4-Inch	LF	29,225.000	3,963.000	25,262.000
0246	643.3150	Temporary Marking Line Removable Tape 4-Inch	LF	1,885.000	474.000	1,411.000
0248	643.3205	Temporary Marking Line Paint 8-Inch	LF	2,281.000	236.000	2,045.000
0250	643.3250	Temporary Marking Line Removable Tape 8-Inch	LF	609.000	399.000	210.000
0252	643.3805	Temporary Marking Stop Line Paint 18-Inch	LF	261.000		261.000
0254	643.3905	Temporary Marking Diagonal Paint 12-Inch	LF	553.000	14.000	539.000
0256	643.5000	Traffic Control	EACH	1.000	0.200	0.800
0258	644.1410	Temporary Pedestrian Surface Asphalt	SF	5,255.000	2,756.000	2,499.000
0260	644.1430	Temporary Pedestrian Surface Plate	SF	14,813.000		14,813.000
0262	644.1601	Temporary Pedestrian Curb Ramp	DAY	6,051.000	2,867.000	3,184.000
0264	644.1605	Temporary Pedestrian Detectable Warning Field	SF	653.000	191.000	462.000
0266	644.1810	Temporary Pedestrian Barricade	LF	22,947.000	3,917.000	19,030.000
0268	645.0112	Geotextile Type DF Schedule B	SY	5,847.000	1,051.000	4,796.000
0270	645.0130	Geotextile Type R	SY	10.000		10.000
0272	645.0220	Geogrid Type SR	SY	84,863.000	14,676.000	70,187.000
0274	646.1020	Marking Line Epoxy 4-Inch	LF	28,658.000	4,643.000	24,015.000
0276	646.3020	Marking Line Epoxy 8-Inch	LF	2,151.000	225.000	1,926.000
0278	646.5020	Marking Arrow Epoxy	EACH	106.000	20.000	86.000
0280	646.5120	Marking Word Epoxy	EACH	7.000		7.000
0282	646.6120	Marking Stop Line Epoxy 18-Inch	LF	245.000		245.000
0284	646.6464	Cold Weather Marking Epoxy 4-Inch	LF	12,399.000	4,643.000	7,756.000
0286	646.6468	Cold Weather Marking Epoxy 8-Inch	LF	860.000	225.000	635.000
0288	646.7120	Marking Diagonal Epoxy 12-Inch	LF	1,318.000	13.000	1,305.000
0290	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	4,089.000	666.000	3,423.000
0292	646.8220	Marking Island Nose Epoxy	EACH	12.000	4.000	8.000
0294	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	460.000	161.000	299.000

					5090-05-60	5090-05-71
Line	Item	Item Description	Unit	Total	Qty	Qty
0296	650.4000	Construction Staking Storm Sewer	EACH	297.000	52.000	245.000
0298	650.4500	Construction Staking Subgrade	LF	15,847.000	2,732.000	13,115.000
0300	650.5000	Construction Staking Base	LF	15,847.000	2,732.000	13,115.000
0302	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	28,061.000	4,798.000	23,263.000
0304	650.6501	Construction Staking Structure Layout (structure) 01. STA. 63+23, RT	EACH	1.000		1.000
0306	650.6501	Construction Staking Structure Layout (structure) 02. STA. 65+68, RT	EACH	1.000		1.000
0308	650.8501	Construction Staking Electrical Installations (project) 01. 5090-05-60	EACH	1.000	1.000	
0310	650.8501	Construction Staking Electrical Installations (project) 02. 5090-05-71	EACH	1.000		1.000
0312	650.9000	Construction Staking Curb Ramps	EACH	155.000	28.000	127.000
0314	650.9500	Construction Staking Sidewalk (project) 01. 5090-05-60	EACH	1.000	1.000	
0316	650.9500	Construction Staking Sidewalk (project) 02. 5090-05-71	EACH	1.000		1.000
0318	650.9911	Construction Staking Supplemental Control (project) 01. 5090-05-60	EACH	1.000	1.000	
0320	650.9911	Construction Staking Supplemental Control (project) 02. 5090-05-71	EACH	1.000		1.000
0322	650.9920	Construction Staking Slope Stakes	LF	15,847.000	2,732.000	13,115.000
0324	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	17,309.000	5,216.000	12,093.000
0326	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	2,505.000	87.000	2,418.000
0328	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	59.000	14.000	45.000
0330	653.0905	Removing Pull Boxes	EACH	22.000		22.000
0332	654.0101	Concrete Bases Type 1	EACH	17.000	2.000	15.000
0334	654.0102	Concrete Bases Type 2	EACH	6.000		6.000
0336	654.0105	Concrete Bases Type 5	EACH	96.000	16.000	80.000
0338	654.0110	Concrete Bases Type 10	EACH	8.000		8.000
0340	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	3.000		3.000
0342	654.0224	Concrete Control Cabinet Bases Type L24	EACH	4.000	1.000	3.000
0344	655.0230	Cable Traffic Signal 5-14 AWG	LF	894.000		894.000
0346	655.0240	Cable Traffic Signal 7-14 AWG	LF	1,593.000		1,593.000
0348	655.0260	Cable Traffic Signal 12-14 AWG	LF	3,119.000		3,119.000
0350	655.0305	Cable Type UF 2-12 AWG Grounded	LF	1,359.000		1,359.000
0352	655.0510	Electrical Wire Traffic Signals 12 AWG	LF	2,792.000		2,792.000
0354	655.0610	Electrical Wire Lighting 12 AWG	LF	21,972.000	11,052.000	10,920.000
0356	655.0615	Electrical Wire Lighting 10 AWG	LF	2,334.000	2,334.000	
0358	655.0620	Electrical Wire Lighting 8 AWG	LF	10,864.000	10,864.000	
0360	655.0625	Electrical Wire Lighting 6 AWG	LF	45,060.000	3,393.000	41,667.000
0362	655.0630	Electrical Wire Lighting 4 AWG	LF	1,959.000	1,959.000	
0364	656.0201	Electrical Service Meter Breaker Pedestal (location) 01. STH 33 and Draper Street	EACH	1.000		1.000
0366	656.0201	Electrical Service Meter Breaker Pedestal (location) 02. STH 33 and Broadway	EACH	1.000		1.000
0368	656.0201	Electrical Service Meter Breaker Pedestal (location) 03. STH 33 and East Street	EACH	1.000		1.000
0370	656.0201	Electrical Service Meter Breaker Pedestal (location) 04. STH 33 and Cedar Street	EACH	1.000	1.000	
0372	656.0201	Electrical Service Meter Breaker Pedestal (location) 05. LLC-A, LLC-B, and LLC-C	EACH	3.000		3.000
0374	657.0100	Pedestal Bases	EACH	11.000		11.000
0376	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	103.000	16.000	87.000
0378	657.0315	Poles Type 4	EACH	6.000		6.000
0380	657.0321	Poles Type 5-Steel	EACH	1.000		1.000
0382	657.0322	Poles Type 5-Aluminum	EACH	79.000		79.000
0384	657.0345	Poles Type 9	EACH	1.000		1.000
0386	657.0346	Poles Type 9-Over Height	EACH	1.000		1.000
0388	657.0350	Poles Type 10	EACH	1.000		1.000
0390	657.0351	Poles Type 10-Over Height	EACH	5.000		5.000
0392	657.0420	Traffic Signal Standards Aluminum 13-FT	EACH	7.000		7.000

Line	Item	Item Description	Unit	Total	5090-05-60 Qty	5090-05-71 Qty
0394	657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	3.000		3.000
0396	657.0430	Traffic Signal Standards Aluminum 10-FT	EACH	1.000		1.000
0398	657.0515	Monotube Arms 15-FT	EACH	2.000		2.000
0400	657.0520	Monotube Arms 20-FT	EACH	2.000		2.000
0402	657.0530	Monotube Arms 30-FT	EACH	4.000		4.000
0404	657.0605	Luminaire Arms Single Member 4 1/2-Inch Clamp 4-FT	EACH	16.000	16.000	
0406	657.0610	Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	EACH	79.000		79.000
0408	657.0614	Luminaire Arms Single Member 4-Inch Clamp 8-FT	EACH	6.000		6.000
0410	657.0615	Luminaire Arms Single Member 4 1/2-Inch Clamp 8-FT	EACH	1.000		1.000
0412	657.0808	Luminaire Arms Steel 8-FT	EACH	6.000		6.000
0414	658.0173	Traffic Signal Face 3S 12-Inch	EACH	30.000		30.000
0416	658.0174	Traffic Signal Face 4S 12-Inch	EACH	8.000		8.000
0418	658.0416	Pedestrian Signal Face 16-Inch	EACH	18.000		18.000
0420	658.0500	Pedestrian Push Buttons	EACH	18.000		18.000
0422	658.5070	Signal Mounting Hardware (location) 01. STH 33 and Draper Street	EACH	1.000		1.000
0424	658.5070	Signal Mounting Hardware (location) 02. STH 33 and Broadway Avenue	EACH	1.000		1.000
0426	658.5070	Signal Mounting Hardware (location) 03. STH 33 and East Avenue	EACH	1.000		1.000
0428	659.1120	Luminaires Utility LED B	EACH	16.000	16.000	
0430	659.2124	Lighting Control Cabinets 120/240 24-Inch	EACH	4.000	1.000	3.000
0432	659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH	48.000		48.000
0434	671.0112	Conduit HDPE 1-Duct 2-Inch	LF	5,100.000		5,100.000
0436	673.0105	Communication Vault Type 1	EACH	7.000		7.000
0438	690.0150	Sawing Asphalt	LF	3,146.000	1,560.000	1,586.000
0440	690.0250	Sawing Concrete	LF	4,547.000	219.000	4,328.000
0442	740.0440	Incentive IRI Ride	DOL	9,870.000	1,715.000	8,155.000
0444	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	3,000.000	3,000.000	
0446	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,175.000	2,175.000	
0510	SPV.0060	Special 30. Poles Type 5M- Aluminum	EACH	16.000	16.000	
0512	SPV.0060	Special 31. Festoon Receptacle and 45-Feet of 12 AWG Wire	EACH	16.000	16.000	
0514	SPV.0060	Special 32. Banner Arm	EACH	32.000	32.000	
0516	SPV.0060	Special 33. Flag Holder	EACH	16.000	16.000	
0518	SPV.0060	Special 34. Planter Bracket	EACH	16.000	16.000	
0592	SPV.0060	Special 73. Remove, Disassemble, and Salvage Traffic Signals, STH 33 & Draper Street	EACH	1.000		1.000
0594	SPV.0060	Special 74. Remove, Disassemble, and Salvage Traffic Signals, STH 33 & Broadway	EACH	1.000		1.000
0596	SPV.0060	Special 75. Remove, Disassemble, and Salvage Traffic Signals, STH 33 & East Street	EACH	1.000		1.000
0598	SPV.0060	Special 76. Furnish and Install Traffic Signal Cabinet and Controller, STH 33 & Draper	EACH	1.000		1.000
0600	SPV.0060	Special 77. Furnish and Install Traffic Signal Cabinet and Controller, STH 33 & Broadway	EACH	1.000		1.000
0602	SPV.0060	Special 78. Furnish and Install Traffic Signal Cabinet and Controller, STH 33 & East	EACH	1.000		1.000
0604	SPV.0060	Special 79. Furnish and Install Video Vehicle Detection System, STH 33 & Draper Street	EACH	1.000		1.000
0606	SPV.0060	Special 80. Furnish and Install Video Vehicle Detection System, STH 33 & Broadway	EACH	1.000		1.000
0608	SPV.0060	Special 81. Furnish and Install Video Vehicle Detection System, STH 33 & East Street	EACH	1.000		1.000
0610	SPV.0060	Special 90. Storm Sewer Tap	EACH	2.000	1.000	1.000
0612	SPV.0060	Special 91. Inlet Covers Type H-D	EACH	11.000	3.000	8.000
0614	SPV.0060	Special 92. Remove and Reinstall Existing Rectangular Rapid Flashing Beacon	EACH	6.000	2.000	4.000
0616	SPV.0060	Special 93. Remove and Repair Existing Stone Retaining Wall	EACH	1.000		1.000
0618	SPV.0060	Special 94. Wall Pier Conncection	EACH	2.000		2.000
0620	SPV.0060	Special 95. Adjusting Manhole Covers	EACH	79.000	14.000	65.000

					5090-05-60	5090-05-71
Line	Item	Item Description	Unit	Total	Qty	Qty
0622	SPV.0060	Special 96. Field Facilities Office Space	EACH	1.000	0.200	0.800
0624	SPV.0060	Special 97. LED Luminaire	EACH	90.000		90.000
0676	SPV.0165	Special 20. Wall Modular Block Gravity Landscape (STA. 63+23, RT)	SF	125.000		125.000
0678	SPV.0165	Special 21. Wall Modular Block Gravity Landscape (STA. 65+68, RT)	SF	45.000		45.000

3

GRUBBING

CATEGORY	STATION	LOCATION	O/S	* 201.0220 GRUBBING ID
0010	12+05	STH 33	RT	36
		PROJECT 5090-05-60 TOTALS:		36

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

204.0150
REMOVING CURB AND GUTTER

CATEGORY	STAGE	STATION	TO	STATION	ROADWAY	* LF
0010	3B	4+00	-	4+41	STH 33, RT	69
0010	3B	4+00	-	4+27	STH 33, LT	27
0010	3B	9+40 M	-	9+57 M	W MULBERRY ST, RT	17
0010	3B	10+33 M	-	10+50 M	W MULBERRY ST, LT	18
0010	3B	10+33 M	-	10+50 M	W MULBERRY ST, RT	18
0010	3B	9+40 WA	-	9+58 WA	W WALNUT ST, LT	18
0010	3B	9+40 WA	-	9+58 WA	W WALNUT ST, RT	18
0010	3B	10+43 CO	-	10+60 CO	CONNIE RD, LT	17
0010	3B	10+43 CO	-	10+60 CO	CONNIE RD, RT	17
0010	3B	9+40 C	-	9+57 C	CEDAR ST, LT	17
0010	3B	9+40 C	-	9+57 C	CEDAR ST, RT	17
0010	3B	9+08 WI	-	9+40 WI	WILLOW ST, LT	17
0010	3B	9+08 WI	-	9+40 WI	WILLOW ST, RT	17
0010	3B	10+49 H	-	10+65 H	HILL ST, LT	16
0010	3B	10+50 H	-	10+65 H	HILL ST, RT	15
				PROJECT 5090-05-60 CATEGORY 0010 SUBTOTAL:		**318**
0030	3B	9+35 M	-	9+40 M	W MULBERRY ST, LT	5
0030	3B	9+30 WA	-	9+40 WA	W WALNUT ST, LT	10
0030	3B	9+08 WI	-	9+40 WI	WILLOW ST, LT	32
0030	3B	9+35 WI	-	9+40 WI	WILLOW ST, RT	5
0030	3B	10+65 H	-	10+85 H	HILL ST	20
				PROJECT 5090-05-60 CATEGORY 0030 SUBTOTAL:		**72**
				PROJECT 5090-05-60 TOTAL:		**390**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

204.0165
REMOVING GUARDRAIL

CATEGORY	STAGE	STATION	TO	STATION	O/S	ROADWAY	* LF
0010	3B	22+80	-	24+00	RT	STH 33	124
0010	3A	24+00	-	26+60	RT	STH 33	250
						PROJECT 5090-05-60 TOTAL:	**374**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PAVEMENT REMOVAL

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 204.0100 REMOVING CONCRETE PAVEMENT SY	* 204.0110 REMOVING ASPHALTIC SURFACE SY	* 204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY
0010	3B	4+00	-	9+75	STH 33 (W MULBERRY ST TO WALNUT ST)	2,928	627	133
0010	3B	9+75	-	15+75	STH 33 (WALNUT ST TO CEDAR ST)	3,429	134	-
0010	3B	15+75	-	21+50	STH 33 (CEDAR ST TO HILL ST)	3,341	127	-
0010	3B	21+50	-	24+00	STH 33 (HILL ST TO BOX CULVERT)	1,330	-	-
0010	3A	24+00	-	26+60	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	1,402	-	-
					PROJECT 5090-05-60 CATEGORY 0010 SUBTOTALS:	**12,430**	**888**	**133**
0030	3B	4+00	-	9+75	STH 33 (W MULBERRY ST TO WALNUT ST)	111	263	-
0030	3B	9+75	-	15+75	STH 33 (WALNUT ST TO CEDAR ST)	140	166	-
0030	3B	15+75	-	21+50	STH 33 (CEDAR ST TO HILL ST)	100	270	-
0030	3B	21+50	-	24+00	STH 33 (HILL ST TO BOX CULVERT)	7	198	-
0030	3A	24+00	-	26+60	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	22	27	-
					PROJECT 5090-05-60 CATEGORY 0030 SUBTOTALS:	**380**	**924**	**0**
					PROJECT 5090-05-60 TOTALS:	**12,810**	**1,812**	**133**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

1) ASSUMING LEAVE CONCRETE IN FILL AREAS AND PAY FOR CONCRETE REMOVAL IN CUT AREAS
2) ASSUMING ASPHALT REMOVAL INCIDENTAL IN CUT AREAS AND PAY FOR REMOVAL IN FILL AREAS

204.0155
REMOVING CONCRETE SIDEWALK

CATEGORY	STAGE	STATION	TO	STATION	O/S	ROADWAY	* SY
0010	3B	3+21	-	3+26	LT	STH 33 (OVERHEAD SIGN STRUCTURE)	4
0010	3B	4+00	-	9+75	LT	STH 33 (W MULBERRY ST TO WALNUT ST)	21
0010	3B	4+00	-	9+75	RT	STH 33 (W MULBERRY ST TO WALNUT ST)	82
0010	3B	9+75	-	15+75	LT	STH 33 (WALNUT ST TO CEDAR ST)	50
0010	3B	9+75	-	15+75	RT	STH 33 (WALNUT ST TO CEDAR ST)	65
0010	3B	15+75	-	21+50	LT	STH 33 (CEDAR ST TO HILL ST)	59
0010	3B	15+75	-	21+50	RT	STH 33 (CEDAR ST TO HILL ST)	55
0010	3B	21+50	-	24+00	LT	STH 33 (HILL ST TO BOX CULVERT)	-
0010	3B	21+50	-	24+00	RT	STH 33 (HILL ST TO BOX CULVERT)	-
0010	3A	24+00	-	26+60	LT	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	-
0010	3A	24+00	-	26+60	RT	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	-
						PROJECT 5090-05-60 CATEGORY 0010 SUBTOTAL:	**336**
0030	3B	4+00	-	9+75	LT	STH 33 (W MULBERRY ST TO WALNUT ST)	218
0030	3B	4+00	-	9+75	RT	STH 33 (W MULBERRY ST TO WALNUT ST)	130
0030	3B	9+75	-	15+75	LT	STH 33 (WALNUT ST TO CEDAR ST)	156
0030	3B	9+75	-	15+75	RT	STH 33 (WALNUT ST TO CEDAR ST)	151
0030	3B	15+75	-	21+50	LT	STH 33 (CEDAR ST TO HILL ST)	129
0030	3B	15+75	-	21+50	RT	STH 33 (CEDAR ST TO HILL ST)	195
0030	3B	21+50	-	24+00	LT	STH 33 (HILL ST TO BOX CULVERT)	99
0030	3B	21+50	-	24+00	RT	STH 33 (HILL ST TO BOX CULVERT)	18
0030	3A	24+00	-	26+60	LT	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	97
0030	3A	24+00	-	26+60	RT	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	0
						PROJECT 5090-05-60 CATEGORY 0030 SUBTOTAL:	**1,193**
						PROJECT 5090-05-60 TOTAL:	**1,529**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

REMOVING MAHOLES

CATEGORY	STAGE	STATION	LOCATION	O/S	* 204.0210 EACH
0010	3B	13+40	STH 33	LT	1
0010	3B	21+15	STH 33	LT	1
			PROJECT 5090-05-60 TOTAL:		**2**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING CONCRETE BASES

CATEGORY	STAGE	STATION	LOCATION	O/S	* 204.0195 EACH
0010	3B	18+68	STH 33	LT	1
0010	3B	18+67	STH 33	RT	1
			PROJECT 5090-05-60 TOTAL:		**2**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING INLETS

CATEGORY	STAGE	STATION	LOCATION	O/S	* 204.0220 EACH
0010	3B	7+31	STH 33	LT	1
0010	3B	7+32	STH 33	RT	1
0010	3B	9+18	STH 33	LT	1
0010	3B	9+55 WA	WALNUT ST	RT	1
0010	3B	9+56 WA	WALNUT ST	LT	1
0010	3B	12+75	STH 33	LT	1
0010	3B	10+48 CO	CONNIE RD	LT	1
0010	3B	13+83	STH 33	RT	1
0010	3B	13+97	STH 33	LT	1
0010	3B	17+06	STH 33	LT	1
0010	3B	17+06	STH 33	RT	1
0010	3B	9+55 WI	WILLOW ST	LT	1
0010	3B	9+55 WI	WILLOW ST	RT	1
0010	3B	20+51	STH 33	LT	1
0010	3B	10+44 H	HILL ST	LT	1
0010	3B	10+49 H	HILL ST	RT	1
0010	3B	21+18	STH 33	RT	1
0010	3B	23+48	STH 33	LT	1
0010	3B	23+49	STH 33	RT	1
0010	3B	23+55	STH 33	LT	1
0010	3A	24+85	STH 33	RT	1
0010	3A	24+94	STH 33	RT	1
			PROJECT 5090-05-60 TOTAL:		**22**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

SEALING PIPES

CATEGORY	STAGE	STATION	LOCATION	O/S	* 204.0280 EACH	COMMENTS
0010	3B	24+08	STH 33	LT	1	48 INCH CONNECTION TO BOX
			PROJECT 5090-05-60 TOTAL:		**1**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING STORM SEWER

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 204.0245.01 12-INCH LF	* 204.0245.02 15-INCH LF	* 204.0245.03 18-INCH LF	* 204.0245.04 24-INCH LF	204.0245.07 42-INCH LF	204.0245.08 48-INCH LF
0010	3B	7+31	-	7+32	STH 33	41	-	-	-	-	-
0010	3B	7+31	-	9+18	STH 33	-	186	-	-	-	-
0010	3B	9+18	-	9+21	STH 33	65	-	-	-	-	-
0010	3B	9+55 WA	-	9+56 WA	WALNUT ST	36	-	-	-	-	-
0010	3B	9+18	-	12+75	STH 33	-	-	358	-	-	-
0010	3B	12+75	-	13+01	STH 33	37	-	-	-	-	-
0010	3B	12+75	-	13+40	STH 33	-	-	-	65	-	-
0010	3B	10+22 CO	-	10+47 CO	CONNIE RD	-	-	-	-	25	-
0010	3B	13+40	-	13+97	STH 33	-	-	-	-	-	57
0010	3B	13+83	-	13+97	STH 33	43	-	-	-	-	-
0010	3B	13+97	-	17+06	STH 33	-	-	-	-	-	309
0010	3B	17+06	-	17+06	STH 33	-	40	-	-	-	-
0010	3B	17+06	-	20+51	STH 33	-	-	-	-	-	344
0010	3B	9+55 WI	-	9+55 WI	WILLOW ST	37	-	-	-	-	-
0010	3B	19+28	-	19+28	STH 33	-	66	-	-	-	-
0010	3B	20+51	-	21+14	STH 33	-	-	-	-	-	62
0010	3B	10+20 H	-	10+44 H	HILL ST	24	-	-	-	-	-
0010	3B	10+22 H	-	10+49 H	HILL ST	26	-	-	-	-	-
0010	3B	21+14	-	21+18	STH 33	43	-	-	-	-	-
0010	3B	21+14	-	24+09	STH 33	-	-	-	-	-	287
0010	3B	23+47	-	23+48	STH 33	-	-	10	-	-	-
0010	3B	23+48	-	23+49	STH 33	43	-	-	-	-	-
0010	3B	23+48	-	23+55	STH 33	-	7	-	-	-	-
0010	3A	24+14	-	26+70	STH 33	-	-	-	256	-	-
0010	3A	24+85	-	24+94	STH 33	9	-	-	-	-	-
					PROJECT 5090-05-60 TOTALS:	**404**	**299**	**368**	**321**	**25**	**1,059**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

3

EARTHWORK SUMMARY

EARTHWORK - STAGE 3A

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON (1) CUT (2A AND 2B) CY	EBS EXCAVATION (3) CY	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4) CY	AVAILABLE MATERIAL (5) CY	UNEXPANDED FILL CY	EXPANDED FILL (6) FACTOR = 1.30 CY	MASS ORDINATE +/- (7) CY	WASTE CY	312.0110* SELECT CRUSHED MATERIAL TON
0010	24+00	-	26+60	STH 33	1,107	111	1,107	0	8	10	-10	-10	200
0010	10+30'D'	-	11+20'D'	DRAPER STREET	380	38	380	0	1	1	-1	-1	68
0010	9+35'P'	-	10+69'P'	PARK STREET	259	26	259	0	4	6	-6	-6	47
				SUBTOTALS:	1,746	175	1,746	0	13	17	-17	-17	315
				STAGE 3A TOTALS:		**1,921**							**315**

EARTHWORK - STAGE 3B

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON (1) CUT (2A AND 2B) CY	EBS EXCAVATION (3) CY	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4) CY	AVAILABLE MATERIAL (5) CY	UNEXPANDED FILL CY	EXPANDED FILL (6) FACTOR = 1.30 CY	MASS ORDINATE +/- (7) CY	WASTE CY	312.0110 SELECT CRUSHED MATERIAL TON
0010	04+00	-	24+00	STH 33	9,654	965	9,654	0	57	74	-74	-74	1,737
0010	9+35'M'	-	10+50'M'	MULBERRY STREET	265	27	265	0	1	2	-2	-2	49
0010	9+25'WA'	-	9+60'WA'	W WALNUT STREET	116	12	116	0	0	0	0	0	22
0010	10+37'CO'	-	10+60'CO'	CONNIE ROAD	90	9	90	0	0	0	0	0	16
0010	9+40'C'	-	9+60'C'	CEDAR STREET	79	8	79	0	0	0	0	0	14
0010	9+18'WI'	-	9+60'WI'	WILLOW STREET	140	14	140	0	1	1	-1	-1	25
0010	10+40'H'	-	10+80'H'	HILL STREET	137	14	137	0	1	1	-1	-1	25
				SUBTOTALS:	10,481	1,049	10,481	0	59	78	-78	-78	1,888
				STAGE 3B TOTALS:		**11,530**							**1,888**
				TOTALS:		**13,451**							**2,203**

NOTES:

1) EXCAVATION COMMON IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. BID ITEM NUMBER 205.0100.
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN THE CUT.
3) EBS EXCAVATION = 10% OF THE CUT. EBS EXCAVATION TO BE BACKFILLED WITH BREAKER RUN.
4) SALVAGED/UNUSABLE PAVEMENT MATERIAL.
5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL.
6) EXPANDED FILL = (UNEXPANDED)*(EXPANDED FILL FACTOR). EXPANDED FILL FACTOR = 1.15.
7) MASS ORDINATE = (AVAILABLE MATERIAL - EXPANDED FILL). PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL. MINUS INDICATES A SHORTAGE OF MATERIAL.
8) BREAKER RUN = (EBS QUANTITY) * (UNIT WEIGHT FOR BREAKER RUN). UNIT WEIGHT FOR BREAKER RUN = 1.8 TONS/CY. USED FOR BACKFILL OF EBS.

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

211.0101.01

PREPARE FOUNDATION FOR ASPHALTIC PAVING

CATEGORY	LOCATION	EACH
0010	PROJECT 5090-05-60	1
	PROJECT 5090-05-60 TOTAL:	**1**

213.0100.01

FINISHING ROADWAY (5090-05-60)

CATEGORY	LOCATION	EACH
0010	PROJECT LIMITS	1
	PROJECT 5090-05-60 TOTAL:	**1**

3

BASE AGGREGATE ITEMS

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	* 312.0110 SELECT CRUSHED MATERIAL TON	* 645.0220 GEOGRID TYPE SR SY
0010	3B	4+00	-	9+75	STH 33 (W MULBERRY ST TO WALNUT ST)	-	2,481	2,357	3,721
0010	3B	9+75	-	15+75	STH 33 (WALNUT ST TO CEDAR ST)	-	2,441	2,319	3,662
0010	3B	15+75	-	21+50	STH 33 (CEDAR ST TO HILL ST)	-	2,368	2,250	3,552
0010	3B	21+50	-	24+00	STH 33 (HILL ST TO BOX CULVERT)	-	907	862	1,361
0010	3A	24+00	-	26+60	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	-	945	897	1,417
0010	3B				DRIVEWAYS	-	135	-	-
0010	3A				DRIVEWAYS	-	10	-	-
0010	3B				SIDEWALKS	159	-	-	-
0010	3A				SIDEWALKS	-	-	-	-
0010					UNDISTRIBUTED	8	464	434	686
					PROJECT 5090-05-60 CATEGORY 0010 SUBTOTALS:	**167**	**9,751**	**9,119**	**14,399**
0030	3B	9+35 M	-	9+40 M	W MULBERRY ST	-	8	14	23
0030	3B	9+25 WA	-	9+40 WA	WALNUT ST	-	21	40	63
0030	3B	9+18 WI	-	9+40 WI	WILLOW STREET	-	36	68	107
0030	3B	10+65 H	-	10+80 H	HILL ST	-	24	45	71
0030	3B				DRIVEWAYS	-	343	-	-
0030	3A				DRIVEWAYS	-	14	-	-
0030	3B				SIDEWALKS	479	-	-	-
0030	3A				SIDEWALKS	43	-	-	-
0030					UNDISTRIBUTED	26	22	8	13
					PROJECT 5090-05-60 CATEGORY 0030 SUBTOTALS:	**548**	**468**	**175**	**277**
* ADDITIONAL QUANTITIES LISTED ELSEWHERE					**PROJECT 5090-05-60 TOTALS:**	**715**	**10,219**	**9,294**	**14,676**

3

CONCRETE DRIVEWAY

CATEGORY	STAGE	STATION	LOCATION	* 416.0160 CONCRETE DRIVEWAY 6-INCH SY	* 416.0170 CONCRETE DRIVEWAY 7-INCH SY	COMMENTS
0010	3B	5+68	STH 33, RT	-	17	CE
0010	3B	6+53	STH 33, LT	-	19	CE
0010	3B	6+93	STH 33, RT	-	14	CE
0010	3B	7+94	STH 33, RT	-	17	CE
0010	3B	8+05	STH 33, LT	-	15	CE
0010	3B	9+31	STH 33, LT	11	-	PE
0010	3B	10+06	STH 33, LT	13	-	PE
0010	3B	10+67	STH 33, RT	12	-	PE
0010	3B	10+85	STH 33, LT	-	14	CE
0010	3B	11+79	STH 33, RT	17	-	PE, SHARED
0010	3B	12+23	STH 33, LT	-	19	CE
0010	3B	13+16	STH 33, RT	-	9	CE
0010	3B	14+32	STH 33, LT	-	16	CE
0010	3B	14+71	STH 33, LT	-	15	CE
0010	3B	15+49	STH 33, RT	11	0	PE
0010	3B	15+53	STH 33, LT	-	15	CE
0010	3B	15+92	STH 33, LT	-	13	CE
0010	3B	16+18	STH 33, RT	12	-	PE
0010	3B	16+86	STH 33, RT	12	-	PE
0010	3B	17+17	STH 33, LT	-	17	CE
0010	3B	18+88	STH 33, LT	9	-	PE
0010	3B	19+55	STH 33, LT	-	12	CE
0010	3B	20+27	STH 33, LT	-	15	CE
0010	3B	20+58	STH 33, RT	-	19	CE
0010	3B	20+98	STH 33, RT	-	11	CE
0010	3B	22+21	STH 33, RT	-	19	CE
0010	3B	22+76	STH 33, LT	10	-	PE
0010	3A	25+24	STH 33, LT	-	14	CE
0010	3A	26+40	STH 33, LT	-	16	CE
		PROJECT 5090-05-60 CATEGORY 0010 SUBTOTALS:		**107**	**306**	

CONCRETE DRIVEWAY (CONTINUED)

CATEGORY	STAGE	STATION	LOCATION	* 416.0160 CONCRETE DRIVEWAY 6-INCH SY	* 416.0170 CONCRETE DRIVEWAY 7-INCH SY	COMMENTS
0030	3B	5+68	STH 33, RT	-	17	CE
0030	3B	6+53	STH 33, LT	-	51	CE
0030	3B	6+93	STH 33, RT	-	14	CE
0030	3B	7+94	STH 33, RT	-	17	CE
0030	3B	8+05	STH 33, LT	-	14	CE
0030	3B	9+31	STH 33, LT	11	-	PE
0030	3B	10+06	STH 33, LT	12	-	PE
0030	3B	10+67	STH 33, RT	30	-	PE
0030	3B	10+85	STH 33, LT	-	14	CE
0030	3B	11+79	STH 33, RT	17	-	PE, SHARED
0030	3B	12+23	STH 33, LT	-	19	CE
0030	3B	13+16	STH 33, RT	-	9	CE
0030	3B	14+32	STH 33, LT	-	17	CE
0030	3B	14+71	STH 33, LT	-	15	CE
0030	3B	15+49	STH 33, RT	10	0	PE
0030	3B	15+53	STH 33, LT	-	15	CE
0030	3B	15+92	STH 33, LT	-	12	CE
0030	3B	16+18	STH 33, RT	12	-	PE
0030	3B	16+86	STH 33, RT	12	-	PE
0030	3B	17+17	STH 33, LT	-	17	CE
0030	3B	18+88	STH 33, LT	8	-	PE
0030	3B	19+55	STH 33, LT	-	11	CE
0030	3B	20+27	STH 33, LT	-	14	CE
0030	3B	20+58	STH 33, RT	-	19	CE
0030	3B	20+98	STH 33, RT	-	11	CE
0030	3B	22+21	STH 33, RT	-	19	CE
0030	3B	22+76	STH 33, LT	9	-	PE
0030	3A	25+24	STH 33, LT	-	13	CE
0030	3A	26+40	STH 33, LT	-	-	CE
		PROJECT 5090-05-60 CATEGORY 0030 SUBTOTALS:		**121**	**318**	
		PROJECT 5090-05-60 TOTALS:		**228**	**624**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

ASPHALT PAVEMENT ITEMS

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 450.4000 HMA COLD WEATHER PAVING TON	* 455.0605 TACK COAT GAL	* 460.6223 HMA PAVEMENT 3 MT 58-28 S LOWER LAYER TON	* 460.6224 HMA PAVEMENT 4 MT 58-28 S UPPER LOWER LAYER TON	* 460.6624 HMA PAVEMENT 4 MT 58-28 V UPPER LAYER TON
0010	3B	4+00	-	9+75	STH 33 (W MULBERRY ST TO WALNUT ST)	254	302	423	296	296
0010	3B	9+75	-	15+75	STH 33 (WALNUT ST TO CEDAR ST)	246	293	410	287	287
0010	3B	15+75	-	21+50	STH 33 (CEDAR ST TO HILL ST)	238	284	397	278	278
0010	3B	21+50	-	26+60	STH 33 (HILL ST TO BOX CULVERT)	94	111	156	109	109
0010	3A	24+00	-	26+60	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	-	116	162	113	113
0010	3B	9+40 M	-	9+55 M	W MULBERRY ST	4	3	8	-	6
0010	3B	9+40 WA	-	9+55 WA	WALNUT ST	3	3	7	-	6
0010	3B	10+46 CO	-	10+60 CO	CONNIE RD	3	3	7	-	6
0010	3B	9+40 C	-	9+54 C	CEDAR ST	3	3	7	-	6
0010	3B	9+40 WI	-	9+55 WI	WILLOW STREET	3	3	7	-	6
0010	3B	10+50 H	-	10+65 H	HILL ST	4	3	8	-	6
0010					UNDISTRIBUTED	85	112	159	108	112
					PROJECT 5090-05-60 CATEGORY 0010 SUBTOTALS:	**937**	**1,236**	**1,751**	**1,191**	**1,231**
0030	3B	9+35 M	-	9+40 M	W MULBERRY ST	1	1	3	-	2
0030	3B	9+25 WA	-	9+40 WA	WALNUT ST	3	3	7	-	6
0030	3B	9+18 WI	-	9+40 WI	WILLOW STREET	5	4	11	-	9
0030	3B	10+65 H	-	10+80 H	HILL ST	4	3	8	-	6
0030					UNDISTRIBUTED	1	1	3	-	2
					PROJECT 5090-05-60 CATEGORY 0030 SUBTOTALS:	**14**	**12**	**32**	**0**	**25**
* ADDITIONAL QUANTITIES LISTED ELSEWHERE					**PROJECT 5090-05-60 TOTALS:**	**951**	**1,248**	**1,783**	**1,191**	**1,256**

465.0120

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

CATEGORY	STAGE	STATION	LOCATION	* TON	COMMENTS
0010	3B	9+45 WA	WALNUT ST, LT	1	CE
0010	3B	9+45 WA	WALNUT ST, RT	5	CE
		PROJECT 5090-05-60 CATEGORY 0010 SUBTOTALS:		**6**	
0030	3B	5+68 & 6+93	STH 33, RT	28	CE, SHARED
0030	3B	7+94	STH 33, RT	5	CE
0030	3B	8+05	STH 33, LT	3	CE
0030	3B	8+70	STH 33 , LT	4	PARKING LOT
0030	3B	9+45 WA	WALNUT ST, LT	1	CE
0030	3B	10+85	STH 33, LT	5	CE
0030	3B	11+79	STH 33, RT	1	PE, SHARED
0030	3B	12+23	STH 33, LT	20	CE
0030	3B	13+16	STH 33, RT	2	CE
0030	3B	14+32 & 14+71	STH 33, LT	8	CE, SHARED
0030	3B	15+49	STH 33, RT	2	PE
0030	3B	15+53 & 15+92	STH 33, LT	7	CE, SHARED
0030	3B	16+18	STH 33, RT	2	PE
0030	3B	16+86	STH 33, RT	2	PE
0030	3B	17+17	STH 33, LT	4	CE
0030	3B	19+55	STH 33, LT	2	CE
0030	3B	20+27	STH 33, LT	3	CE
0030	3B	20+58 & 20+98	STH 33, RT	9	CE
0030	3B	22+21	STH 33, RT	24	CE
0030	3B	22+76	STH 33, LT	1	PE
0030	3A	25+24	STH 33, LT	3	CE
0030	3A	26+40	STH 33, LT	3	CE
		PROJECT 5090-05-60 CATEGORY 0030 SUBTOTALS:		**139**	
			PROJECT 5090-05-60 TOTALS:	**145**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE CURB AND GUTTER

CATEGORY	STAGE	STA	TO	STA	O/S	ROADWAY	* 601.0405 CONCRETE CURB & GUTTER 18-INCH TYPE A LF	* 601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	* 650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF
0010	3B	4+00	-	4+41	RT	STH 33	-	69	69
0010	3B	4+00	-	4+50	LT	STH 33	-	66	66
0010	3B	4+83	-	9+20	RT	STH 33	-	493	493
0010	3B	4+97	-	12+99	LT	STH 33	18	848	848
0010	3B	9+59	-	14+04	RT	STH 33	-	501	501
0010	3B	13+57	-	13+80	LT/RT	STH 33 (REFUGE ISLAND)	-	58	58
0010	3B	13+40	-	20+77	LT	STH 33	-	798	798
0010	3B	14+44	-	18+90	RT	STH 33	-	502	502
0010	3B	18+51	-	18+74	LT/RT	STH 33 (REFUGE ISLAND)	-	58	58
0010	3B	19+30	-	24+00	RT	STH 33	-	507	507
0010	3B	21+20	-	24+00	LT	STH 33	-	306	306
0010	3A	24+00	-	26+51	RT	STH 33	-	251	251
0010	3A	24+00	-	26+69	LT	STH 33	-	269	269
				PROJECT 5090-05-60 CATEGORY 0010 SUBTOTAL:			**18**	**4,726**	**4,726**
0030	3B	9+35 M	-	9+40 M	LT	W MULBERRY ST	-	5	5
0030	3B	9+30 WA	-	9+40 WA	LT	WALNUT ST	-	10	10
0030	3B	9+08 WI	-	9+40 WI	LT	WILLOW ST	-	32	32
0030	3B	9+35 WI	-	9+40 WI	RT	WILLOW ST	-	5	5
0030	3B	10+65 H	-	10+85 H	RT	HILL ST	-	20	20
				PROJECT 5090-05-60 CATEGORY 0030 SUBTOTAL:			**0**	**72**	**72**
						PROJECT 5090-05-60 TOTALS:	**18**	**4,798**	**4,798**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE SIDEWALK

CATEGORY	STAGE	STATION	TO	STATION	O/S	LOCATION	602.0410 CONCRETE SIDEWALK 5-INCH SF	* 602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	* 602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA SF	* 650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9500.01 CONSTRUCTION STAKING SIDEWALK EACH
0010	3B	3+21	-	3+26	LT	STH 33 (OVERHEAD SIGN STRUCTURE)	33	-	-	-	-
0010	3B	4+00	-	9+75	LT	STH 33 (W MULBERRY ST TO WALNUT ST)	405	20	-	2	-
0010	3B	4+00	-	9+75	RT	STH 33 (W MULBERRY ST TO WALNUT ST)	754	50	15	6	-
0010	3B	9+75	-	15+75	LT	STH 33 (WALNUT ST TO CEDAR ST)	591	40	-	4	-
0010	3B	9+75	-	15+75	RT	STH 33 (WALNUT ST TO CEDAR ST)	675	40	-	4	-
0010	3B	13+57	-	13+79	-	STH 33 (REFUGE ISLAND)	132	20	-	2	-
0010	3B	15+75	-	21+50	LT	STH 33 (CEDAR ST TO HILL ST)	693	40	-	4	-
0010	3B	15+75	-	21+50	RT	STH 33 (CEDAR ST TO HILL ST)	686	40	-	4	-
0010	3B	18+52	-	18+74	RT	STH 33 (REFUGE ISLAND)	132	20	-	2	-
0010	3B	21+50	-	24+00	LT	STH 33 (HILL ST TO BOX CULVERT)	-	-	-	-	-
0010	3B	21+50	-	24+00	RT	STH 33 (HILL ST TO BOX CULVERT)	-	-	-	-	-
0010	3A	24+00	-	26+60	LT	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	-	-	-	-	-
0010	3A	24+00	-	26+60	RT	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	-	-	-	-	-
						PROJECT 5090-05-60 CATEGORY 0010 SUBTOTALS:	**4,101**	**270**	**15**	**28**	**1**
0030	3B	4+00	-	9+75	LT	STH 33 (W MULBERRY ST TO WALNUT ST)	1,821	-	-	-	-
0030	3B	4+00	-	9+75	RT	STH 33 (W MULBERRY ST TO WALNUT ST)	1,464	-	-	-	-
0030	3B	9+75	-	15+75	LT	STH 33 (WALNUT ST TO CEDAR ST)	1,570	-	-	-	-
0030	3B	9+75	-	15+75	RT	STH 33 (WALNUT ST TO CEDAR ST)	1,699	-	-	-	-
0030	3B	15+75	-	21+50	LT	STH 33 (CEDAR ST TO HILL ST)	1,625	-	-	-	-
0030	3B	15+75	-	21+50	RT	STH 33 (CEDAR ST TO HILL ST)	2,114	-	-	-	-
0030	3B	21+50	-	26+60	LT	STH 33 (HILL ST TO BOX CULVERT)	1,126	-	-	-	-
0030	3B	21+50	-	26+60	RT	STH 33 (HILL ST TO BOX CULVERT)	890	-	-	-	-
0030	3A	21+50	-	26+60	LT	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	1,104	-	-	-	-
0030	3A	21+50	-	26+60	RT	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	-	-	-	-	-
						PROJECT 5090-05-60 CATEGORY 0020 SUBTOTALS:	**13,413**	**0**	**0**	**0**	**0**
* ADDITIONAL QUANTITIES LISTED ELSEWHERE						**PROJECT 5090-05-60 TOTALS:**	**17,514**	**270**	**15**	**28**	**1**

CONCRETE MEDIAN

CATEGORY	STAGE	STA	TO	STA	O/S	ROADWAY	* 620.0300 SLOPED NOSE SF	COMMENTS
0010	3B	13+57	-	13+80	LT/RT	STH 33 (REFUGE ISLAND)	68	TYPE 1
0010	3B	18+51	-	18+74	LT/RT	STH 33 (REFUGE ISLAND)	68	TYPE 1
						PROJECT 5090-05-60 TOTAL:	**136**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

STORM SEWER PIPE SCHEDULE

	PIPE LOCATION			INVERT			* 608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III	* 608.0318	* 608.0324	* 608.0342	608.0348	608.0354	* 520.8000 CONCRETE COLLARS
CATEGORY	FROM	TO	LOCATION	INLET	DISCHARGE	SLOPE	12-INCH LF	18-INCH LF	24-INCH	42-INCH	48-INCH	54-INCH LF	FOR PIPE EACH
0010	1.1	BOX CULVERT	STH 33	841.36	841.00	2.00%	-	-	-	-	-	23	1
0010	1.2	1.1	STH 33	844.77	844.07	2.00%	-	-	-	-	-	45	-
0010	1.3	1.2	STH 33	847.74	844.93	1.20%	-	-	-	-	-	243	-
0010	1.4	1.3	STH 33	848.74	848.35	1.00%	-	-	-	-	48	-	-
0010	1.5	1.4	STH 33	850.73	848.82	1.00%	-	-	-	-	199	-	-
0010	1.6	1.5	STH 33	852.86	850.81	1.00%	-	-	-	-	213	-	-
0010	1.7	1.6	STH 33	854.01	852.94	1.00%	-	-	-	-	115	-	-
0010	1.8	1.7	STH 33	855.88	854.10	1.27%	-	-	-	-	148	-	-
0010	1.9	1.8	STH 33	856.86	856.05	2.90%	-	-	-	-	37	-	-
0010	1.10	1.9	STH 33	859.68	859.05	0.99%	-	-	70	-	-	-	-
0010	1.11	1.10	STH 33	862.34	859.75	2.00%	-	-	135	-	-	-	-
0010	1.12	1.11	STH 33	864.78	862.42	1.00%	-	-	240	-	-	-	-
0010	1.13	1.12	STH 33	866.15	864.85	2.00%	-	-	70	-	-	-	-
0010	1.14	1.13	STH 33	868.15	866.25	2.00%	-	-	100	-	-	-	-
0010	1.15	1.14	STH 33	869.54	869.25	2.00%	19	-	-	-	-	-	-
0010	1.16	1.14	STH 33	869.66	869.25	2.00%	25	-	-	-	-	-	-
0010	1.17	1.13	STH 33	867.66	867.25	2.00%	25	-	-	-	-	-	-
0010	1.18	1.12	STH 33	866.14	865.85	2.00%	18	-	-	-	-	-	-
0010	1.19	1.12	STH 33	865.92	865.81	0.53%	25	-	-	-	-	-	-
0010	1.20	1.19	STH 33	866.07	865.94	0.44%	34	-	-	-	-	-	-
0010	1.21	1.20	WALNUT STREET	866.30	866.09	0.60%	38	-	-	-	-	-	-
0010	1.22	1.11	STH 33	863.74	863.45	2.00%	18	-	-	-	-	-	-
0010	1.23	1.11	STH 33	863.86	863.45	2.00%	24	-	-	-	-	-	-
0010	1.24	1.25	CONNIE ROAD	861.91	861.54	1.99%	22	-	-	-	-	-	-
0010	1.25	1.26	CONNIE ROAD	861.48	861.10	2.01%	22	-	-	-	-	-	-
0010	1.26	1.10	STH 33	861.04	860.75	2.00%	18	-	-	-	-	-	-
0010	1.27	1.10	STH 33	861.16	860.75	2.00%	24	-	-	-	-	-	-
0010	1.28	1.9	CONNIE ROAD	858.72	857.65	3.09%	-	-	-	44	-	-	-
0010	1.29	1.8	STH 33	859.39	859.01	2.00%	25	-	-	-	-	-	-
0010	1.30	1.7	STH 33	857.39	857.13	2.00%	18	-	-	-	-	-	-
0010	1.31	1.7	STH 33	857.51	857.13	2.00%	25	-	-	-	-	-	-
0010	1.32B	1.32A	STH 33	856.58	856.28	0.51%	65	-	-	-	-	-	-
0010	1.32A	1.6	STH 33	856.24	855.98	2.00%	18	-	-	-	-	-	-
0010	1.33	1.6	STH 33	856.36	855.98	2.00%	25	-	-	-	-	-	-
0010	1.34	1.35	STH 33	854.27	854.17	2.00%	8	-	-	-	-	-	-
0010	1.35	1.5	STH 33	854.11	853.85	2.00%	18	-	-	-	-	-	-
0010	1.37	1.5	STH 33	854.01	853.81	1.02%	25	-	-	-	-	-	-
0010	1.38	1.37	WILLOW STREET	854.46	854.03	1.01%	45	-	-	-	-	-	-
0010	1.39	1.38	WILLOW STREET	854.72	854.48	0.67%	39	-	-	-	-	-	-
0010	1.36	1.37	STH 33	854.15	854.05	2.00%	8	-	-	-	-	-	-
0010	1.40	1.41	STH 33	852.64	852.18	1.99%	26	-	-	-	-	-	-
0010	1.41	1.4	STH 33	852.12	851.86	2.00%	19	-	-	-	-	-	-
0010	1.42	1.43	HILL STREET	853.13	852.99	2.00%	10	-	-	-	-	-	-
0010	1.43	1.45	HILL STREET	852.43	851.73	2.00%	-	39	-	-	-	-	-
0010	1.45	1.3	HILL STREET	851.61	850.89	1.99%	-	44	-	-	-	-	-
0010	1.46	1.3	STH 33	851.76	851.40	2.00%	24	-	-	-	-	-	-
0010	1.44	1.45	HILL STREET	852.34	852.23	2.00%	10	-	-	-	-	-	-
0010	1.47	1.48	STH 33	849.63	849.17	3.99%	15	-	-	-	-	-	-
0010	1.49	1.48	STH 33	849.64	849.17	3.99%	15	-	-	-	-	-	-
0010	1.48	1.2	STH 33	849.05	848.56	4.00%	18	-	-	-	-	-	-
0010	1.50	1.2	STH 33	849.29	848.56	4.00%	24	-	-	-	-	-	-
0010	1.51	1.1	STH 33	852.63	852.10	2.00%	33	-	-	-	-	-	-
			PROJECT 5090-05-60 TOTALS:				**825**	**83**	**615**	**44**	**760**	**311**	**1**

*ADDITIONAL QUANTITIES ELSEWHERE

NOTES:

1) PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES.

2) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL REINFORCED CONCRETE APRON ENDWALL LOCATIONS. APRON ENDWALLS SHALL BE ITED FOR THE LAST THREE JOINTS AT PIPE ENDS. THE COST OF THESE TIES SHALL BE INCLUDED IN THE CONTRACTOR UNIT PRICE FOR THE REINFORCED CONCRETE STORM SEWER PIPE.

STORM SEWER STRUCTURE SCHEDULE

CATEGORY	STRUCTURE NUMBER	(1) STATION	(1) OFFSET FT	(1) OFFSET LOCATION	CASTING HEIGHT INCHES	TOP SLAB THICKNESS INCHES	ADJUSTING RINGS HEIGHT INCHES	RIM ELEVATION	(2) TOP OF STRUCTURE ELEVATION	BOTTOM OF STRUCTURE ELEVATION	(3) DEPTH OF STRUCTURE FT	* 611.1005 CATCH BASINS 5-FT DIAMETER EACH	* 611.2004 MANHOLES 4-FT DIAMETER EACH	* 611.2007 MANHOLES 7-FT DIAMETER EACH	* 611.2008 MANHOLES 8-FT DIAMETER EACH	611.2010 MANHOLES 10-FT DIAMETER EACH	* 611.3230 INLETS 2x3-FT EACH	* 611.0530 MANHOLE COVERS TYPE J EACH	* 611.0624 INLET COVERS TYPE H EACH	* SPV.0060.91 INLET COVERS TYPE H-D EACH	* SPV.0060.95 ADJUSTING MANHOLE COVERS EACH	* 650.4000 CONSTRUCITON STAKING STORM SEWER EACH
0010	1.1	23+90.00	3.0' LT	STH 33	8.875	8.00	6.00	856.52	855.28	840.90	14.38	-	-	-	1	-	-	1	-	-	1	1
0010	1.2	23+44.88	3.0' LT	STH 33	8.875	8.00	6.00	856.36	855.12	844.31	10.81	-	-	-	1	-	-	1	-	-	1	1
0010	1.3	21+00.00	3.0' LT	STH 33	8.875	10.00	6.00	857.57	856.33	847.28	9.05	-	-	-	-	1	-	1	-	-	1	1
0010	1.4	20+51.79	3.0' LT	STH 33	8.875	8.00	6.00	857.84	856.60	848.32	8.28	-	-	1	-	-	-	1	-	-	1	1
0010	1.5	18+53.00	3.0' LT	STH 33	8.875	8.00	6.00	859.69	858.45	850.31	8.14	-	-	1	-	-	-	1	-	-	1	1
0010	1.6	16+40.00	3.0' LT	STH 33	8.875	8.00	6.00	860.59	859.35	852.44	6.91	-	-	1	-	-	-	1	-	-	1	1
0010	1.7	15+25.00	3.0' LT	STH 33	8.875	8.00	6.00	861.49	860.25	853.59	6.66	-	-	1	-	-	-	1	-	-	1	1
0010	1.8	13+77.36	3.0' LT	STH 33	8.875	8.00	6.00	864.27	863.03	855.46	7.57	-	-	1	-	-	-	1	-	-	1	1
0010	1.9	13+40.44	3.0' LT	STH 33	8.875	8.00	6.00	864.46	863.22	856.44	6.78	-	-	-	1	-	-	1	-	-	1	1
0010	1.10	12+70.00	3.0' LT	STH 33	8.875	6.00	6.00	866.11	864.87	859.43	5.44	-	1	-	-	-	-	1	-	-	1	1
0010	1.11	11+35.00	3.0' LT	STH 33	8.875	6.00	6.00	868.23	866.99	862.09	4.90	-	1	-	-	-	-	1	-	-	1	1
0010	1.12	8+95.00	3.0' LT	STH 33	8.875	6.00	6.00	869.92	868.68	864.53	4.15	-	1	-	-	-	-	1	-	-	1	1
0010	1.13	8+25.00	3.0' LT	STH 33	8.875	6.00	6.00	870.99	869.75	865.90	3.85	-	1	-	-	-	-	1	-	-	1	1
0010	1.14	7+25.00	3.0' LT	STH 33	8.875	6.00	6.00	873.44	872.20	867.90	4.30	-	1	-	-	-	-	1	-	-	1	1
0010	1.15	7+25.00	21.5' LT	STH 33	6.00	0.00	6.00	873.20	872.20	869.37	2.83	-	-	-	-	-	1	-	1	-	-	1
0010	1.16	7+25.00	21.5' RT	STH 33	6.00	0.00	6.00	872.92	871.92	869.49	2.43	-	-	-	-	-	1	-	1	-	-	1
0010	1.17	8+25.00	21.5' RT	STH 33	6.00	0.00	6.00	870.47	869.47	867.49	1.98	-	-	-	-	-	1	-	1	-	-	1
0010	1.18	8+95.00	21.5' LT	STH 33	6.00	0.00	6.00	869.64	868.64	865.97	2.67	-	-	-	-	-	1	-	1	-	-	1
0010	1.19	8+95.00	21.5' RT	STH 33	6.00	0.00	6.00	869.63	868.63	865.75	2.88	-	-	-	-	-	1	-	1	-	-	1
0010	1.20	9+56.00 'WA'	19.0' LT	WALNUT STREET	6.00	0.00	6.00	869.10	868.10	865.90	2.20	-	-	-	-	-	1	-	1	-	-	1
0010	1.21	9+53.00 'WA'	19.0' RT	WALNUT STREET	6.00	0.00	6.00	868.84	867.84	866.13	1.71	-	-	-	-	-	1	-	1	-	-	1
0010	1.22	11+35.00	21.5' RT	STH 33	6.00	0.00	6.00	867.99	866.99	863.57	3.42	-	-	-	-	-	1	-	1	-	-	1
0010	1.23	11+35.00	21.5' LT	STH 33	6.00	0.00	6.00	867.71	866.71	863.69	3.02	-	-	-	-	-	1	-	1	-	-	1
0010	1.24	10+47.00 'CO'	19.5' LT	CONNIE ROAD	6.00	0.00	6.00	865.55	864.55	861.74	2.81	-	-	-	-	-	1	-	1	-	-	1
0010	1.25	10+27.05 'CO'	27.7' LT	CONNIE ROAD	6.00	0.00	6.00	865.45	864.45	861.31	3.14	-	-	-	-	-	1	-	1	-	-	1
0010	1.26	12+70.00	21.5' LT	STH 33	6.00	0.00	6.00	865.87	864.87	860.87	4.00	-	-	-	-	-	1	-	1	-	-	1
0010	1.27	12+70.00	21.5' RT	STH 33	6.00	0.00	6.00	865.59	864.59	860.99	3.60	-	-	-	-	-	1	-	1	-	-	1
0010	1.28	10+47.00 'CO'	21.1' RT	CONNIE ROAD	6.00	8.00	6.00	865.32	864.32	858.34	5.98	-	-	1	-	-	-	-	1	-	-	1
0010	1.29	13+77.36	21.5' RT	STH 33	6.00	0.00	6.00	863.38	862.38	859.22	3.16	-	-	-	-	-	1	-	1	-	-	1
0010	1.30	15+25.00	21.5' LT	STH 33	6.00	0.00	6.00	861.25	860.25	857.22	3.03	-	-	-	-	-	1	-	1	-	-	1
0010	1.31	15+25.00	21.5' RT	STH 33	6.00	0.00	6.00	860.97	859.97	857.34	2.63	-	-	-	-	-	1	-	1	-	-	1
0010	1.32A	16+40.00	21.5' LT	STH 33	6.00	0.00	6.00	860.35	859.35	856.07	3.28	-	-	-	-	-	1	-	1	-	-	1
0010	1.32B	17+05.00	21.5' LT	STH 33	6.00	8.00	6.00	859.87	858.87	856.41	2.46	1	-	-	-	-	-	-	-	1	-	1
0010	1.33	16+40.00	21.5' RT	STH 33	6.00	0.00	6.00	860.07	859.07	856.19	2.88	-	-	-	-	-	1	-	1	-	-	1
0010	1.34	18+45.00	21.5' LT	STH 33	6.00	0.00	6.00	858.88	857.88	854.10	3.78	-	-	-	-	-	1	-	1	-	-	1
0010	1.35	18+53.00	21.5' LT	STH 33	6.00	0.00	6.00	858.82	857.82	853.94	3.88	-	-	-	-	-	1	-	1	-	-	1
0010	1.36	18+45.00	21.5' RT	STH 33	6.00	0.00	6.00	858.60	857.60	853.98	3.62	-	-	-	-	-	1	-	1	-	-	1
0010	1.37	18+53.00	21.5' RT	STH 33	6.00	0.00	6.00	858.54	857.54	853.84	3.70	-	-	-	-	-	1	-	1	-	-	1
0010	1.38	9+54.00 'WI'	19.5' LT	WILLOW STREET	6.00	0.00	6.00	857.90	856.90	854.29	2.61	-	-	-	-	-	1	-	1	-	-	1
0010	1.39	9+54.00 'WI'	19.5' RT	WILLOW STREET	6.00	0.00	6.00	857.91	856.91	854.55	2.36	-	-	-	-	-	1	-	1	-	-	1
0010	1.40	20+25.00	21.5' LT	STH 33	6.00	0.00	6.00	857.75	856.75	852.47	4.28	-	-	-	-	-	1	-	-	1	-	1
0010	1.41	20+51.79	21.5' LT	STH 33	6.00	0.00	6.00	857.60	856.60	851.95	4.65	-	-	-	-	-	1	-	1	-	-	1
0010	1.42	10+55.00 'H'	19.5' LT	HILL STREET	6.00	0.00	6.00	858.45	857.45	852.96	4.49	-	-	-	-	-	1	-	1	-	-	1
0010	1.43	10+45.00 'H'	19.5' LT	HILL STREET	6.00	0.00	6.00	858.12	857.12	852.22	4.90	-	-	-	-	-	1	-	1	-	-	1
0010	1.44	10+55.00 'H'	19.5' RT	HILL STREET	6.00	0.00	6.00	858.40	857.40	852.17	5.23	-	-	-	-	-	1	-	1	-	-	1
0010	1.45	10+45.00 'H'	20.0' RT	HILL STREET	6.00	8.00	6.00	857.90	856.90	851.40	5.50	1	-	-	-	-	-	-	1	-	-	1
0010	1.46	21+00.00	21.5' RT	STH 33	6.00	0.00	6.00	857.05	856.05	851.59	4.46	-	-	-	-	-	1	-	-	1	-	1
0010	1.47	23+30.00	21.5' LT	STH 33	6.00	0.00	6.00	856.04	855.04	849.46	5.58	-	-	-	-	-	1	-	1	-	-	1
0010	1.48	23+44.88	21.5' LT	STH 33	6.00	0.00	6.00	856.03	855.03	848.88	6.15	-	-	-	-	-	1	-	1	-	-	1
0010	1.49	23+60.00	21.5' LT	STH 33	6.00	0.00	6.00	856.04	855.04	849.47	5.57	-	-	-	-	-	1	-	1	-	-	1
0010	1.50	23+44.88	21.5' RT	STH 33	6.00	0.00	6.00	856.67	855.67	849.12	6.55	-	-	-	-	-	1	-	1	-	-	1
0010	1.51	24+12.00	21.5' RT	STH 33	6.00	0.00	6.00	856.65	855.65	852.46	3.19	-	-	-	-	-	1	-	1	-	-	1
										PROJECT 5090-05-60 TOTALS:		**2**	**5**	**6**	**3**	**1**	**35**	**14**	**35**	**3**	**14**	**52**

NOTES:

1) STATIONS AND OFFSETS ARE TO THE CENTER OF THE STRUCTURE OR TO THE END OF PIPE WHERE THERE IS AN ENDWALL.

2) TOP OF STRUCTURE ELEVATION = RIM ELEVATION - CASTING HEIGHT - ADJUSTING RINGS HEIGHT.

3) DEPTH OF STRUCTURE = TOP OF STRUCTURE ELEVATION - BOTTOM OF STRUCTURE ELEVATION

STORM SEWER TAP

CATEGORY	STAGE	STATION	LOCATION	O/S	* SPV.0060.90 EACH	COMMENTS
0010	3B	24+10	STH 33	LT	1	54 INCH CONNECTION TO BOX
			PROJECT 5090-05-60 TOTAL:		**1**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

MGS GUARDRAIL

CATEGORY	STA	TO	STA	O/S	ROADWAY	* 614.2300 MGS GUARDRAIL 3 LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH
0010	22+73	-	26+50	RT	STH 33	327	1
					PROJECT 5090-05-60 TOTALS:	**327**	**1**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PIPE UNDERDRAIN

CATEGORY	STAGE	STATION	-	STATION	LOCATION	* 612.0106 PIPE UNDERDRAIN 6-INCH LF	* 645.0112 GEOTEXTILE FABRIC TYPE DF SCHEDULE B SY
0010	3B	4+00	-	9+75	STH 33 (W MULBERRY ST TO WALNUT ST)	300	167
0010	3B	9+75	-	15+75	STH 33 (WALNUT ST TO CEDAR ST)	550	306
0010	3B	15+75	-	21+50	STH 33 (CEDAR ST TO HILL ST)	650	361
0010	3B	21+50	-	24+00	STH 33 (HILL ST TO BOX CULVERT)	300	167
0010	3A	24+00	-	26+60	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	-	-
					UNDISTRIBUTED	90	50
					PROJECT 5090-05-60 CATEGORY 0010 TOTALS:	**1,890**	**1,051**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

DUST CONTROL AND WATER

CATEGORY	LOCATION	USE	* 623.0200 DUST CONTROL SURFACE TREATMENT SY	* 624.0100 WATER MGAL
0010	PROJECT 5090-05-60	DUST CONTROL	14,604	7
0010	PROJECT 5090-05-60	BASE AND SUBGRADE PLACEMENT	-	149
		PROJECT 5090-05-60 CATEGORY 0010 SUBTOTALS:	**14,604**	**156**
0030	PROJECT 5090-05-60	DUST CONTROL	2,824	1
0030	PROJECT 5090-05-60	BASE AND SUBGRADE PLACEMENT	-	15
		PROJECT 5090-05-60 CATEGORY 0030 SUBTOTALS:	**2,824**	**16**
		PROJECT 5090-05-60 TOTALS:	**17,428**	**172**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

619.1000
MOBILIZATION

CATEGORY	LOCATION	EACH
0010	PROJECT 5090-05-60	0.2
	PROJECT 5090-05-60 TOTAL:	**0.2**

MOBILIZATION FOR EROSION CONTROL

CATEGORY	LOCATION	* 628.1905 MOBILIZATIONS EROSION CONTROL EACH	* 628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	PROJECT 5090-05-60	5	3
	PROJECT 5090-05-60 TOTALS:	**5**	**3**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

SPV.0060.96
FIELD FACILITIES OFFICE SPACE

CATEGORY	LOCATION	EACH
0010	PROJECT 5090-05-60	0.2
	PROJECT 5090-05-60 TOTAL:	**0.2**

EROSION CONTROL ITEMS

CATEGORY	STAGE	STA	TO	STA	O/S	ROADWAY	* 628.1504 SILT FENCE LF	* 628.1520 SILT FENCE MAINTENANCE LF	* 628.7560 TRACKING PADS EACH	* 628.7570 ROCK BAGS EACH	* 628.2006 EROSION MAT URBAN CLASS I TYPE A SY
0010	3B	4+00	-	9+40	LT/RT	STH 33 (W MULBERRY ST TO WALNUT ST)	-	-	1	6	619
0010	3B	9+40	-	14+25	LT/RT	STH 33 (WALNUT ST TO CEDAR ST)	-	-	-	-	573
0010	3B	14+25	-	19+10	LT/RT	STH 33 (CEDAR ST TO WILLOW ST)	-	-	-	-	789
0010	3B	19+10	-	21+00	LT/RT	STH 33 (WILLOW ST TO HILL ST)	-	-	-	-	273
0010	3B	21+00	-	24+00	LT/RT	STH 33 (HILL ST TO BOX CULVERT)	155	155	1	2	528
0010	3A	24+00	-	26+60	LT/RT	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	296	296	1	-	425
0010						UNDISTRIBUTED	113	113	-	2	802
						PROJECT 5090-05-60 TOTALS:	**564**	**564**	**3**	**10**	**4,009**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

INLET PROTECTION

CATEGORY	STATION	LOCATION	* 628.7005 TYPE A EACH	* 628.7015 TYPE C EACH
0010	4+25	STH 33 LT	1	1
0010	10+50 'M'	W MULBERRY ST. LT/RT	-	2
0010	7+25	STH 33 LT/RT	4	4
0010	8+95	STH 33 LT/RT	2	2
0010	9+20	STH 33 LT	1	1
0010	9+55 'WA'	W WALNUT ST. LT/RT	4	4
0010	11+35	STH 33 LT/RT	2	2
0010	12+75	STH 33 LT/RT	4	4
0010	10+50 'CO'	CONNIE RD LT/RT	3	3
0010	13+85	STH 33 LT/RT	3	3
0010	15+25	STH 33 LT/RT	2	2
0010	16+40	STH 33 LT/RT	2	2
0010	17+05	STH 33 LT/RT	3	3
0010	18+50	STH 33 LT/RT	4	4
0010	9+50 'WI'	WILLOW ST. LT/RT	4	4
0010	20+25	STH 33 LT	1	1
0010	20+50	STH 33 LT	2	2
0010	10+50 'H'	HILL ST. LT/RT	6	6
0010	21+00	STH 33 RT	1	1
0010	21+20	STH 33 RT	1	1
0010	23+50	STH 33 LT/RT	7	7
0010	24+15	STH 33 RT	1	1
0010	24+85	STH 33 RT	4	4
0010	25+75	STH 33 LT	1	1
0010		UNDISTRIBUTED	12	15
		PROJECT 5090-05-60 TOTALS:	**75**	**80**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LANDSCAPING

CATEGORY	STAGE	STATION	TO	STATION	O/S	LOCATION	* 625.0100 TOPSOIL SY	* 629.0210 FERTILIZER TYPE B CWT	* 630.0140 SEEDING MIXTURE NO. 40 LB	* 630.0200 SEEDING TEMPORARY LB	* 630.0500 SEED WATER MGAL**
0010	3B	4+00	-	9+40	LT/RT	STH 33 (W MULBERRY ST TO WALNUT ST)	619	0.4	11	8	3.5
0010	3B	9+40	-	14+25	LT/RT	STH 33 (WALNUT ST TO CEDAR ST)	573	0.4	10	8	3.2
0010	3B	14+25	-	19+10	LT/RT	STH 33 (CEDAR ST TO WILLOW ST)	789	0.5	14	11	4.4
0010	3B	19+10	-	21+00	LT/RT	STH 33 (WILLOW ST TO HILL ST)	273	0.2	5	4	1.5
0010	3B	21+00	-	24+00	LT/RT	STH 33 (HILL ST TO BOX CULVERT)	528	0.3	10	7	3.0
0010	3A	24+00	-	26+60	LT/RT	TH 33 (BOX CULVERT TO EAST VILLAGE LIMIT	425	0.3	8	6	2.4
						UNDISTRIBUTED	160	0.0	3	2	1.0
						PROJECT 5090-05-60 TOTALS:	**3,367**	**2.0**	**61**	**46**	**19.0**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

** WATER QUANTITY IS COMPUTED AS 1-INCH OF WATER APPLIED OVER THE SEEDED AREA ONCE EVERY 3 DAYS FOR A PERIOD OF 30 DAYS. ACTUAL QUANTITY IS

REMOVING SIGNS

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	* 638.2602 REMOVING SIGNS TYPE II EACH	* 638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	W1-01	R5-51	NO ATV TRAFFIC	-	-	WORK BY OTHERS
0010	R1-01	W3-3	TRAFFFIC SIGNALS AHEAD SYMBOL	1	1	
0010	R1-02	J1-2	JCT, STH 136, JCT, CTH BD	4	1	M2-1, M1-6, M2-1, M1-5A
0010	R1-03	R1-1	STOP	1	1	
0010	R1-04	R1-1	STOP	1	1	
0010	W1-02	-	LINN ST, MULBERRY ST	-	-	WORK BY OTHERS
0010	W1-03	W11-2	PEDESTRIAN CROSSING	-	-	WORK BY OTHERS
0010	W1-03	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	-	-	SAME POST AS W1-03(W11-2)
0010	W1-04	W11-2	PEDESTRIAN CROSSING	-	-	WORK BY OTHERS
0010	W1-04	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	-	-	SAME POST AS W1-04(W11-2)
0010	W1-05	R5-51	NO ATV TRAFFIC	-	-	WORK BY OTHERS
0010	R1-05	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	4	1	M4-1, M1-1, M4-1, M1-1
0010	W1 06	D11 10	ATV ROUTE			WORK BY OTHERS
0010	W1-07	-	LINN ST, WALNUT ST	-	-	WORK BY OTHERS
0010	R1-06	R1-1	STOP	1	1	
0010	R1-07	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	W1-08	-	UW-PLATTEVILLE, BARABOO, SAUK CO	-	-	WORK BY OTHERS
0010	R2-01	R1-1	STOP	1	1	
0010	W2-01	-	LINN ST, CONNIE RD	-	-	WORK BY OTHERS
0010	W2 02		CONNIE ROAD U.W. CAMPUS VILLAGE HALL			WORK BY OTHERS
0010	R2-02	R5-2	NO TRUCKS SYMBOL	1	1	
0010	W2-03	-	ATV ROUTE, RIGHT ARROW	-	-	WORK BY OTHERS
0010	W2-04	W11-2	PEDESTRIAN CROSSING	-	-	WORK BY OTHERS
0010	W2-04	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	-	-	SAME POST AS W2-04(W11-2)
0010	W2-05	W11-2	PEDESTRIAN CROSSING	-	-	WORK BY OTHERS
0010	W2 05	S16 7L	CONVENTIONAL YELLOW DIAGONAL ARROW			SAME POST AS W2 05(W11 2)
0010	W2-06	-	LINN ST, CEDAR ST	-	-	WORK BY OTHERS
0010	R2-03	R1-1	STOP	1	1	
0010	W2-07	-	ATV ROUTE, RIGHT ARROW	-	-	WORK BY OTHERS
0010	W2 08		CONNIE ROAD U.W. CAMPUS VILLAGE HALL			WORK BY OTHERS
0010	R2-04	S1-1	SCHOOL ZONE	1	1	
0010	R2-04	S16-9P	AHEAD	1	-	SAME POST AS R2-04(S1-1)
0010	R2-04	R2-6P	FINES HIGHER	1	-	SAME POST AS R2-04(S1-1)
0010	W2-09	R5-51	NO ATV TRAFFIC	-	-	WORK BY OTHERS
0010	W2-10	-	UW-PLATTEVILLE, BARABOO, SAUK CO	-	-	WORK BY OTHERS
0010	R2 05	S4 51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	R2-06	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R2-06	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R2-06	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R2-06	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R2-07	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R2-07	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R2 07	S1 1	SCHOOL ZONE	1		MOUNTED ON RRFB
0010	R2-07	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R2-08	R5-2	NO TRUCKS SYMBOL	1	1	
0010	W2-11	-	ATV ROUTE	-	-	WORK BY OTHERS
0010	W2-12	-	LINN ST, WILLOW ST	-	-	WORK BY OTHERS
0010	R2-09	R1-1	STOP	1	1	
0010	R2-10	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	W2-13	-	WILLOW ST HASKINS PARK	-	-	WORK BY OTHERS
0010	R2-11	R1-1	STOP	1	1	
0010	W2-14	-	LINN ST, HILL ST	-	-	WORK BY OTHERS
0010	W2-15	-	HASKINS PARK, 1-888-TIP-SAUK	-	-	WORK BY OTHERS
0010	R2-12	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	R2-13	S1-1	SCHOOL ZONE	1	1	
0010	R2 13	S16 9P	AHEAD	1		SAME POST AS R2 13(S1 1)
0010	R2-13	R2-6P	FINES HIGHER	1	-	SAME POST AS R2-13(S1-1)
0010	W3-01	-	CITY PARKING REGULATIONS	-	-	WORK BY OTHERS
0010	W3-02	R5-51	NO ATV TRAFFIC	-	-	WORK BY OTHERS
0010	W3-03	-	NO ENGINE BREAKING EXCEPT IN EMERGENCY	-	-	WORK BY OTHERS
0010	R3-02	R2-1	SPEED LIMIT 25 MPH	1	1	
			PROJECT 5090-05-60 TOTALS:	**37**	**19**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

3

PERMANENT SIGNS

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN DIMENSIONS W IN.	X	H IN.	* 637.2210 SIGNS TYPE II REFLECTIVE H SF	* 634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	* 634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	* 634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	MOUNT ON SAME POST AS SIGN #	REMARKS
0010	N1-01	R3-7L	LEFT LANE MUST TURN LEFT	30	X	30	6.25	1	-	-	-	
0010	N1-02	R3-5L	LEFT TURN ONLY	42	X	48	14.00	-	-	-	-	ATTACHED TO OVERHEAD SIGN STRUCTURE
0010	N1-03	R3-7L	LEFT LANE MUST TURN LEFT	30	X	30	6.25	1	-	-	-	
0010	N1-04	W3-3	TRAFFFIC SIGNALS AHEAD SYMBOL	36	X	36	9.00	-	1	-	-	
0010	N1-05	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N1-06	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N1-07	J1-2	JCT, STH 136, JCT, CTH BD	48	X	39	13.00	-	1	-	-	M2-1, M1-6, M2-1, M1-5A
0010	N1-08	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	48	X	36	12.00	-	1	-	-	M4-1, M1-1, M4-1, M1-1
0010	N1-09	R3-9C	BEGIN	24	X	6	1.00	-	1	-	-	
0010	N1-09	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N1-09(R3-9C)	
0010	N1-10	R3-9D	END	24	X	6	1.00	-	1	-	-	
0010	N1-10	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N1-10(R3-9D)	
0010	N1-11	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N1-12	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	1	-	-	-	
0010	N2-01	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N2-02	R5-2	NO TRUCKS SYMBOL	24	X	24	4.00	1	-	-	-	
0010	N2-03	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N2-04	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	1	-	
0010	N2-04	S16-9P	AHEAD	30	X	18	3.75	-	-	-	N2-04(S1-1)	
0010	N2-04	R2-6P	FINES HIGHER	24	X	18	3.00	-	-	-	N2-04(S1-1)	
0010	N2-05	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	-	-	1	-	
0010	N2-05	S5-2	END SCHOOL ZONE	24	X	30	5.00	-	-	-	N2-05(R2-1)	
0010	N2-06	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	24	X	48	8.00	-	1	-	-	
0010	N2-07	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	1	-	-	
0010	N2-08	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	1	-	-	
0010	N2-09	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N2-09	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N2-09(S1-1)	MOUNTED ON RRFB
0010	N2-09	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N2-09	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N2-09(S1-1)	MOUNTED ON RRFB
0010	N2-10	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N2-10	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N2-10(S1-1)	MOUNTED ON RRFB
0010	N2-10	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N2-10	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N2-10(S1-1)	MOUNTED ON RRFB
0010	N2-11	R5-2	NO TRUCKS SYMBOL	24	X	24	4.00	1	-	-	-	
0010	N2-12	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N2-13	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N2-14	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	24	X	48	8.00	-	1	-	-	
0010	N2-15	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	-	-	1	-	
0010	N2-15	S5-2	END SCHOOL ZONE	24	X	30	5.00	-	-	-	N2-15(R2-1)	
0010	N2-16	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	1	-	
0010	N2-16	S16-9P	AHEAD	24	X	12	2.00	-	-	-	N2-16(S1-1)	
0010	N2-16	R2-6P	FINES HIGHER	24	X	18	3.00	-	-	-	N2-16(S1-1)	
			PROJECT 5090-05-60 TOTALS:				**232.01**	**12**	**9**	**4**		

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PAVEMENT MARKING ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	* 646.1020 MARKING LINE EPOXY 4-INCH (YELLOW) LF	* 646.1020 MARKING LINE EPOXY 4-INCH DOUBLE (YELLOW) LF	* 646.1020 MARKING LINE EPOXY 4-INCH 12.5 FT LINE 37.5 FT SKIP (YELLOW) LF	* 646.1020 MARKING LINE EPOXY 4-INCH 2' LINE 6' SKIP (YELLOW) LF	* 646.3020 MARKING LINE EPOXY 8-INCH (WHITE) LF	* 646.3020 MARKING LINE EPOXY 8-INCH 3 FT LINE 9 FT SKIP (WHITE) LF	* 646.5020 MARKING ARROW EPOXY (WHITE) EACH	* 646.6464 COLD WEATHER MARKING EPOXY 4-INCH (YELLOW) LF	* 646.6464 COLD WEATHER MARKING EPOXY 4-INCH DOUBLE (YELLOW) LF	* 646.6464 COLD WEATHER MARKING EPOXY 4-INCH 12.5 FT LINE 37.5 FT SKIP (YELLOW) LF	* 646.6468 COLD WEATHER MARKING EPOXY 8-INCH (WHITE) LF	* 646.6468 COLD WEATHER MARKING EPOXY 8-INCH 3 FT LINE 9 FT SKIP (WHITE) LF	* 646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	* 646.7520 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE) LF	* 646.8220 MARKING ISLAND NOSE EPOXY (YELLOW) EACH
0010	4+00	-	9+40	STH 33 (W MULBERRY ST TO WALNUT ST)	338	868	85	-	200	25	6	338	868	85	200	25	13	192	-
0010	9+40	-	14+25	STH 33 (WALNUT ST TO CEDAR ST)	664	-	166	-	-	-	4	664	-	166	-	-	-	294	2
0010	14+25	-	19+10	STH 33 (CEDAR ST TO WILLOW ST)	784	-	196	-	-	-	4	784	-	196	-	-	-	114	2
0010	19+10	-	21+00	STH 33 (WILLOW ST TO HILL ST)	198	-	50	-	-	-	2	198	-	50	-	-	-	66	-
0010	21+00	-	24+00	STH 33 (HILL ST TO BOX CULVERT)	515	-	129	-	-	-	2	515	-	129	-	-	-	-	-
0010	24+00	-	26+60	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	520	-	130	-	-	-	2	520	-	130	-	-	-	-	-
				PROJECT 5090-05-60 SUBTOTALS:	**3,019**	**868**	**756**	**0**	**200**	**25**	**20**	**3,019**	**868**	**756**	**200**	**25**	**13**	**666**	**4**
				TOTALS:			**4,643**			**225**	**20**			**4,643**			**225**	**13**	**666**	**4**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

TEMPORARY PAVEMENT MARKING

CATEGORY	STAGE	* 643.3105 TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW) LF	* 643.3150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW) LF	* 643.3205 TEMPORARY MARKING LINE PAINT 8-INCH (WHITE) LF	* 643.3250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE) LF	* 643.3905 TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW) LF	* 646.9010 MARKING REMOVAL LINE WATER BLASTING 4-INCH LF
0010	3A	650	331	-	50	-	70
0010	3B	3124	120	225	330	13	83
0010	UNDISTRIBUTED	189	23	11	19	1	8
	PROJECT 5090-05-60 TOTALS:	**3,963**	**474**	**236**	**399**	**14**	**161**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

TEMPORARY PEDESTRIAN ACCESS

CATEGORY	STAGE	DURATION CALENDAR DAYS**	* 644.1410 TEMPORARY PEDESTRIAN SURFACE ASPHALT SF	* 644.1601 TEMPORARY CURB RAMP DAY	* 644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	* 644.1810 TEMPORARY PEDESTRIAN BARRICADE LF
0010	1	42	-	-	-	-
0010	2A	157	-	-	-	-
0010	2B	97	-	-	-	-
0010	3A	70	-	-	-	271
0010	3B	135	2,625	2,730	182	3,459
0010	UNDISTRIBUTED	-	131	137	9	187
	PROJECT 5090-05-60 TOTALS:		**2,756**	**2,867**	**191**	**3,917**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
** FOR INFORMATION ONLY

TRAFFIC CONTROL SUMMARY

CATEGORY	STAGE	DURATION CALENDAR DAYS**	* 643.0300 TRAFFIC CONTROL DRUMS DAY	* 643.0410 TRAFFIC CONTROL BARRICADES TYPE II DAY	* 643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	* 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	* 643.0900 TRAFFIC CONTROL SIGNS DAY	* 643.0910 TRAFFIC CONTROL COVERING SIGNS*** TYPE I SIGNS	* 643.0910 TRAFFIC CONTROL COVERING SIGNS*** TYPE I #CYCLES	* 643.0910 TRAFFIC CONTROL COVERING SIGNS*** TYPE I EACH	* 643.5000 TRAFFIC CONTROL EACH
0010	1	42	-	-	-	-	-	-	-	-	-
0010	2A	157	-	-	-	-	-	-	-	-	-
0010	2B	97	-	-	-	-	-	-	-	-	-
0010	3A	70	1,750	-	490	980	1,050	-	-	-	-
0010	3B	135	3,375	7,695	2,835	13,365	12,825	-	-	-	-
0010	STH 33 DETOUR - 2023	42	-	-	-	-	-	-	-	-	-
0010	STH 33 DETOUR - 2024	288	-	-	-	-	18,432	17	1	17	-
0010	STH 113 DETOUR	135	-	-	-	-	-	-	-	-	-
0010	UNDISTRIBUTED		256	385	166	717	1,615	-	-	-	-
0010	PROJECT 5090-05-60		-	-	-	-	-	-	-	-	0.2
	PROJECT 5090-05-60 TOTALS:		**5,381**	**8,080**	**3,491**	**15,062**	**33,922**		**17**		**0.2**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
** FOR INFORMATION ONLY
*** COVERING SIGNS IS FOR ONE CYCLE.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	MISCELLANEOUS QUANTITIES	SHEET 264	E

3

3

CONSTRUCTION STAKING

CATEGORY	STATION	TO	STATION	LOCATION	* 650.4500 SUBGRADE LF	* 650.5000 BASE LF	* 650.9920 SLOPE STAKES LF	650.9911.01 SUPPLEMENTAL CONTROL LS
0010	4+00	-	9+75	STH 33 (W MULBERRY ST TO WALNUT ST)	575	575	575	-
0010	9+75	-	15+75	STH 33 (WALNUT ST TO CEDAR ST)	600	600	600	-
0010	15+75	-	21+50	STH 33 (CEDAR ST TO HILL ST)	575	575	575	-
0010	21+50	-	24+00	STH 33 (HILL ST TO BOX CULVERT)	250	250	250	-
0010	24+00	-	26+60	STH 33 (BOX CULVERT TO EAST VILLAGE LIMITS)	260	260	260	-
0010	9+35 M	-	10+50 M	W MULBERRY ST	115	115	115	-
0010	9+25 WA	-	10+00 WA	W WALNUT ST	75	75	75	-
0010	10+00 CO	-	10+60 CO	CONNIE RD	60	60	60	-
0010	9+40 C	-	10+00 C	CEDAR ST	60	60	60	-
0010	9+18 WI	-	10+00 WI	WILLOW ST	82	82	82	-
0010	10+00 H	-	10+80 H	HILL ST	80	80	80	-
				PROJECT 5090-05-60 TOTALS:	**2,732**	**2,732**	**2,732**	**1**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE BASES TYPE 1

CATEGORY	STAGE	STATION	LOCATION	O/S	* 654.0101 EACH
0010	3B	18+58	STH 33	LT	1
0010	3B	18+67	STH 33	RT	1
			PROJECT 5090-05-60 TOTAL:		**2**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVE AND REINSTALL EXISTING RECTANGULAR RAPID FLASHING BEACON

CATEGORY	STAGE	STATION	LOCATION	O/S	* SPV.0060.92 EACH
0010	3B	18+58	STH 33	LT	1
0010	3B	18+67	STH 33	RT	1
			PROJECT 5090-05-60 TOTAL:		**2**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

SAW CUTTING

CATEGORY	STATION	ROADWAY	* 690.0150 SAWING ASPHALT LF	* 690.0250 SAWING CONCRETE LF
0010	4+00	STH 33	47	23
0010	9+35 M	W MULBERRY ST	36	9
0010	10+50 M	W MULBERRY ST	44	10
0010	9+25 WA	WALNUT ST	101	5
0010	10+60 CO	CONNIE RD	36	10
0010	9+40 C	CEDAR ST	36	5
0010	9+18 WI	WILLOW ST	36	10
0010	10+80 H	HILL ST	36	10
PROJECT 5090-05-60 CATEGORY 0010 SUBTOTALS:			**372**	**82**
0030	5+68 & 6+93	STH 33, RT	224	-
0030	6+53	STH 33, LT	-	46
0030	7+94	STH 33, RT	44	-
0030	8+05	STH 33, LT	115	-
0030	8+79	STH 33, RT	-	3
0030	9+35 WA	WALNUT ST, LT	10	-
0030	9+92	STH 33, RT	-	6
0030	10+67	STH 33, RT	-	34
0030	10+85	STH 33, LT	42	-
0030	11+72	STH 33, RT	12	-
0030	12+23	STH 33, LT	163	-
0030	13+16	STH 33, RT	15	-
0030	14+32 & 14+71	STH 33, LT	65	-
0030	15+08	STH 33, RT	-	4
0030	15+49	STH 33, RT	17	-
0030	15+53 & 15+92	STH 33, LT	63	6
0030	15+85	STH 33, RT	-	3
0030	16+18	STH 33, RT	13	-
0030	16+43	STH 33, RT	-	3
0030	16+86	STH 33, RT	11	-
0030	16+86	STH 33, LT	-	6
0030	17+17	STH 33, LT	26	-
0030	17+18	STH 33, RT	-	4
0030	18+36	STH 33, RT	-	3
0030	18+51	STH 33, LT	-	3
0030	9+24 WI	WILLOW ST, LT	-	5
0030	19+55	STH 33, LT	12	-
0030	19+69	STH 33, RT	-	3
0030	20+27	STH 33, LT	24	-
0030	20+58 & 20+98	STH 33, RT	69	-
0030	21+49	STH 33, RT	-	4
0030	22+21	STH 33, RT	197	-
0030	22+76	STH 33, LT	14	-
0030	25+24	STH 33, LT	28	-
0030	26+40	STH 33, LT	24	-
0030	26+70	STH 33, LT	-	4
PROJECT 5090-05-60 CATEGORY 0030 SUBTOTALS:			**1,188**	**137**
		TOTALS:	**1,560**	**219**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

201.0220
GRUBBING

CATEGORY	STATION	LOCATION	O/S	* 201.0220 GRUBBING ID
0010	76+86	STH 33	RT	18
0010	77+63	STH 33	LT	24
0010	78+06	STH 33	LT	24
0010	86+13	STH 33	RT	36
0010	86+93	STH 33	RT	30
0010	90+67	STH 33	RT	18
0010	91+47	STH 33	LT	24
0010	91+88	STH 33	LT	21
0010	92+80	STH 33	RT	18
0010	94+38	STH 33	LT	18
0010	95+65	STH 33	LT	18
0010	96+04	STH 33	LT	18
0010	96+96	STH 33	LT	21
0010	97+34	STH 33	LT	18
0010	113+90	STH 33	RT	12
0010	117+24	STH 33	LT	24
0010	117+60	STH 33	LT	24
0010	120+56	STH 33	LT	24
		PROJECT 5090-05-71 TOTAL:		**390**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

PAVEMENT REMOVAL

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 204.0100 REMOVING CONCRETE PAVEMENT SY	* 204.0110 REMOVING ASPHALTIC SURFACE SY	* 204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY
0010	3A	26+60	-	40+50	STH 33 (WEST CITY LIMITS TO DRAPER ST)	7,826	340	-
0010	3A	40+50	-	44+00	STH 33 (DRAPER ST TO PARK ST)	2,116	111	-
0010	3B	44+00	-	54+75	STH 33 (PARK ST TO CENTER ST)	6,434	218	-
0010	3B	54+75	-	68+50	STH 33 (CENTER ST TO OAK ST)	8,753	207	-
0010	2A	68+50	-	82+50	STH 33 (OAK ST TO EAST ST)	7,951	352	-
0010	2A	82+50	-	90+00	STH 33 (EAST ST TO BARKER ST)	4,161	136	-
0010	2B	90+00	-	96+00	STH 33 (BARKER ST TO CAMP ST)	3,323	162	-
0010	2B	96+00	-	109+25	STH 33 (CAMP ST TO JEFFERSON ST)	7,149	320	-
0010	2A	109+25	-	120+75	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	6,167	234	-
0010	2A	120+75	-	129+00	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	4,630	164	-
0010	1	129+00	-	134+22.35	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	3,188	206	133
					PROJECT 5090-05-71 CATEGORY 0010 SUBTOTALS:	**61,698**	**2,450**	**133**
0030	3A	26+60	-	40+50	STH 33 (WEST CITY LIMITS TO DRAPER ST)	-	-	-
0030	3A	40+50	-	44+00	STH 33 (DRAPER ST TO PARK ST)	-	44	-
0030	3B	44+00	-	54+75	STH 33 (PARK ST TO CENTER ST)	37	46	-
0030	3B	54+75	-	68+50	STH 33 (CENTER ST TO OAK ST)	298	44	-
0030	2A	68+50	-	82+50	STH 33 (OAK ST TO EAST ST)	-	421	-
0030	2A	82+50	-	90+00	STH 33 (EAST ST TO BARKER ST)	6	-	-
0030	2B	90+00	-	96+00	STH 33 (BARKER ST TO CAMP ST)	10	-	-
0030	2B	96+00	-	109+25	STH 33 (CAMP ST TO JEFFERSON ST)	14	268	-
0030	2A	109+25	-	120+75	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	61	146	-
0030	2A	120+75	-	129+00	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	12	-	-
0030	1	129+00	-	134+22.35	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	-	-	-
					PROJECT 5090-05-71 CATEGORY 0030 SUBTOTALS:	**438**	**969**	**0**
					TOTALS:	**62,136**	**3,419**	**133**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
1) ASSUMING LEAVE CONCRETE IN FILL AREAS ANC
2) ASSUMING ASPHALT REMOVAL INCIDENTAL IN CUT AREAS AND PAY FOR REMOVAL IN FILL AREAS

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\030202-MQ (5090-05-71).DWG
LAYOUT NAME - 01
PLOT DATE : 5/1/2023 1:18 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

204.0150

REMOVING CURB AND GUTTER

CATEGORY	STAGE	STATION	TO	STATION	ROADWAY	* LF
0010	3A	10+46 D	-	11+20 D	DRAPER, LT	29
0010	3A	10+46 D	-	11+20 D	DRAPER, RT	74
0010	3A	9+45 P	-	10+65 P	PARK ST, LT	30
0010	3A	9+45 P	-	10+65 P	PARK ST, RT	29
0010	3B	9+45 S	-	10+65 S	SUMMIT ST, LT	32
0010	3B	9+45 S	-	10+65 S	SUMMIT ST, RT	32
0010	3B	10+45 WO	-	10+60 WO	WOOD ST, LT	15
0010	3B	10+45 WO	-	10+60 WO	WOOD ST, RT	15
0010	3B	9+45 CE	-	9+56 CE	CENTER ST, LT	11
0010	3B	9+45 CE	-	9+56 CE	CENTER ST, RT	11
0010	3B	9+45 WE	-	10+60 WE	WEST ST, LT	26
0010	3B	9+45 WE	-	10+60 WE	WEST ST, RT	25
0010	3B	9+45 BI	-	10+60 BI	BIRCH ST, LT	27
0010	3B	9+45 BI	-	10+60 BI	BIRCH ST, RT	27
0010	2A	9+45 O	-	10+60 O	OAK ST, LT	27
0010	2A	9+45 O	-	10+60 O	OAK ST, RT	27
0010	2A	9+45 A	-	10+55 A	ASH ST, LT	21
0010	2A	9+45 A	-	10+55 A	ASH ST, RT	21
0010	2A	9+45 E	-	10+70 E	EAST ST, LT	50
0010	2A	9+45 E	-	10+70 E	EAST ST, RT	51
0010	2A	10+42 WR	-	10+55 WR	WARREN ST, LT	13
0010	2A	10+42 WR	-	10+55 WR	WARREN ST, RT	13
0010	2A	9+45 BA	-	10+55 BA	BARKER ST, LT	26
0010	2A	9+45 BA	-	10+55 BA	BARKER ST, RT	26
0010	2B	9+40 EL	-	10+60 EL	ELIZABETH ST, LT	35
0010	2B	9+40 EL	-	10+60 EL	ELIZABETH ST, RT	38
0010	2B	9+45 CA	-	9+57 CA	CAMP ST, LT	12
0010	2B	9+45 CA	-	9+57 CA	CAMP ST, RT	12
0010	2B	10+37 TU	-	10+50 TU	TUTTLE ST, RT	13
0010	2B	9+45 WH	-	9+67 WH	WHEELER ST, LT	22
0010	2B	9+45 WH	-	9+67 WH	WHEELER ST, RT	22
0010	2B	9+55 J	-	10+55 J	JEFFERSON ST, LT	23
0010	2B	9+55 J	-	10+55 J	JEFFERSON ST, RT	23
0010	2A	9+52 W	-	10+55 W	WASHINGTON AVE, LT	14
0010	2A	9+52 W	-	10+55 W	WASHINGTON AVE, RT	13
0010	2A	120+81	-	120+81	STH 33, LT	9
0010	2A	121+11	-	121+11	STH 33, LT	10
0010	2A	9+45 L	-	10+80 L	LINCOLN AVE, LT	34
0010	2A	9+45 L	-	10+80 L	LINCOLN AVE, RT	34
0010	1	129+88	-	129+94	STH 33, RT	15
0010	1	130+28	-	130+32	STH 33, RT	14
0010	1	10+71 T	-	10+90 T	TAFT AVE, LT	19
0010	1	10+71 T	-	10+90 T	TAFT AVE, RT	19
					PROJECT 5090-05-71 CATEGORY 0010 SUBTOTAL:	**1,039**

204.0150

REMOVING CURB AND GUTTER CONTINUED

CATEGORY	STAGE	STATION	TO	STATION	ROADWAY	* LF
0030	3A	9+35 P	-	10+69 P	PARK ST, LT	14
0030	3A	9+35 P	-	10+69 P	PARK ST, RT	14
0030	3B	9+30 CE	-	9+45 CE	CENTER ST, LT	15
0030	3B	9+30 CE	-	9+45 CE	CENTER ST, RT	15
0030	3B	9+30 BI	-	9+45 BI	BIRCH ST, LT	15
0030	3B	9+30 BI	-	9+45 BI	BIRCH ST, RT	15
0030	2A	9+23 O	-	9+45 O	OAK ST, LT	22
0030	2A	9+23 O	-	9+45 O	OAK ST, RT	22
0030	2A	8+63 A	-	10+69 A	ASH ST, LT	96
0030	2A	8+63 A	-	10+69 A	ASH ST, RT	96
0030	2B	9+25 CA	-	9+45 CA	CAMP ST, LT	20
0030	2B	9+25 CA	-	9+45 CA	CAMP ST, RT	20
0030	2B	9+32 J	-	10+73 J	JEFFERSON ST, LT	18
0030	2B	9+32 J	-	10+73 J	JEFFERSON ST, RT	18
0030	2A	9+34 W	-	10+69 W	WASHINGTON AVE, LT	32
0030	2A	9+34 W	-	10+69 W	WASHINGTON AVE, RT	32
					PROJECT 5090-05-71 CATEGORY 0030 SUBTOTAL:	**464**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

TOTAL: 1,503

3

204.0155
REMOVING CONCRETE SIDEWALK

CATEGORY	STAGE	STATION	TO	STATION	O/S	ROADWAY	* SY
0010	3A	26+60	-	40+50	LT	STH 33 (WEST CITY LIMITS TO DRAPER ST)	54
0010	3A	26+60	-	40+50	RT	STH 33 (WEST CITY LIMITS TO DRAPER ST)	67
0010	3A	40+50	-	44+00	LT	STH 33 (DRAPER ST TO PARK ST)	44
0010	3A	40+50	-	44+00	RT	STH 33 (DRAPER ST TO PARK ST)	42
0010	3B	44+00	-	54+75	LT	STH 33 (PARK ST TO CENTER ST)	71
0010	3B	44+00	-	54+75	RT	STH 33 (PARK ST TO CENTER ST)	80
0010	3B	54+75	-	68+50	LT	STH 33 (CENTER ST TO OAK ST)	354
0010	3B	54+75	-	68+50	RT	STH 33 (CENTER ST TO OAK ST)	324
0010	2A	68+50	-	82+50	LT	STH 33 (OAK ST TO EAST ST)	108
0010	2A	68+50	-	82+50	RT	STH 33 (OAK ST TO EAST ST)	108
0010	2A	82+50	-	90+00	LT	STH 33 (EAST ST TO BARKER ST)	91
0010	2A	82+50	-	90+00	RT	STH 33 (EAST ST TO BARKER ST)	84
0010	2B	90+00	-	96+00	LT	STH 33 (BARKERT ST TO CAMP ST)	39
0010	2B	90+00	-	96+00	RT	STH 33 (BARKERT ST TO CAMP ST)	63
0010	2B	96+00	-	109+25	LT	STH 33 (CAMP ST TO JEFFERSON ST)	85
0010	2B	96+00	-	109+25	RT	STH 33 (CAMP ST TO JEFFERSON ST)	138
0010	2A	109+25	-	120+75	LT	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	33
0010	2A	109+25	-	120+75	RT	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	35
0010	2A	120+75	-	129+00	LT	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	38
0010	2A	120+75	-	129+00	RT	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	9
0010	1	129+00	-	134+22.35	LT	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	2
0010	1	129+00	-	134+22.35	RT	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	-
						PROJECT 5090-05-71 CATEGORY 0010 SUBTOTAL:	**1,869**
0030	3A	26+60	-	40+50	LT	STH 33 (WEST CITY LIMITS TO DRAPER ST)	43
0030	3A	26+60	-	40+50	RT	STH 33 (WEST CITY LIMITS TO DRAPER ST)	-
0030	3A	40+50	-	44+00	LT	STH 33 (DRAPER ST TO PARK ST)	36
0030	3A	40+50	-	44+00	RT	STH 33 (DRAPER ST TO PARK ST)	-
0030	3B	44+00	-	54+75	LT	STH 33 (PARK ST TO CENTER ST)	114
0030	3B	44+00	-	54+75	RT	STH 33 (PARK ST TO CENTER ST)	116
0030	3B	54+75	-	68+50	LT	STH 33 (CENTER ST TO OAK ST)	112
0030	3B	54+75	-	68+50	RT	STH 33 (CENTER ST TO OAK ST)	142
0030	2A	68+50	-	82+50	LT	STH 33 (OAK ST TO EAST ST)	154
0030	2A	68+50	-	82+50	RT	STH 33 (OAK ST TO EAST ST)	172
0030	2A	82+50	-	90+00	LT	STH 33 (EAST ST TO BARKER ST)	97
0030	2A	82+50	-	90+00	RT	STH 33 (EAST ST TO BARKER ST)	108
0030	2B	90+00	-	96+00	LT	STH 33 (BARKERT ST TO CAMP ST)	86
0030	2B	90+00	-	96+00	RT	STH 33 (BARKERT ST TO CAMP ST)	45
0030	2B	96+00	-	109+25	LT	STH 33 (CAMP ST TO JEFFERSON ST)	75
0030	2B	96+00	-	109+25	RT	STH 33 (CAMP ST TO JEFFERSON ST)	96
0030	2A	109+25	-	120+75	LT	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	92
0030	2A	109+25	-	120+75	RT	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	119
0030	2A	120+75	-	129+00	LT	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	47
0030	2A	120+75	-	129+00	RT	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	7
0030	1	129+00	-	134+22.35	LT	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	13
0030	1	129+00	-	134+22.35	RT	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	-
						PROJECT 5090-05-71 CATEGORY 0030 SUBTOTAL:	**1,674**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE **TOTAL:** **3,543**

204.0165
REMOVING GUARDRAIL

CATEGORY	STAGE	STATION	TO	STATION	O/S	ROADWAY	* LF
0010	3A	26+60	-	33+46	RT	STH 33	672
						PROJECT 5090-05-71 TOTAL:	**672**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

204.0185
REMOVING MASONRY

CATEGORY	STAGE	STATION	TO	STATION	O/S	ROADWAY	CY	COMMENTS
0010	3B	61+79	-	64+19	LT	STH 33	18	WALL AT BACK OF CURB
0010	3B	63+48	-	63+74	RT	STH 33	2	
0010	3B	63+83	-	63+83	RT	STH 33	1	
0010	3B	64+70	-	65+64	LT	STH 33	6	
0010	3B	9+19 B	-	9+66 B	LT	BROADWAY	2	
						PROJECT 5090-05-71 TOTAL:	**29**	

REMOVING CONCRETE BASES

CATEGORY	STAGE	STATION	LOCATION	O/S	* 204.0195 EACH
0010	3B	52+38	STH 33 (RRFB)	LT	1
0010	3B	52+33	STH 33 (RRFB)	RT	1
0010	2B	108+50	STH 33 (RRFB)	RT	1
0010	2B	108+53	STH 33 (RRFB)	LT	1
				PROJECT 5090-05-71 TOTAL:	**4**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING MAHOLES

CATEGORY	STAGE	STATION	LOCATION	O/S	* 204.0210 EACH
0010	3A	27+42	STH 33	LT	1
0010	3A	28+44	STH 33	LT	1
0010	3A	36+48	STH 33	RT	1
0010	3A	36+89	STH 33	RT	1
0010	3A	39+22	STH 33	RT	1
0010	3A	42+05	STH 33	RT	1
0010	3A	42+90	STH 33	LT	1
0010	3A	10+51 P	PARK ST	RT	1
0010	3B	52+10	STH 33	LT	1
0010	3B	10+46 WO	WOOD ST	RT	1
0010	3B	56+74	STH 33	LT	1
0010	3B	61+60	STH 33	LT	1
0010	3B	66+17	STH 33	RT	1
0010	2A	71+11	STH 33	RT	1
0010	2A	73+18	STH 33	RT	1
0010	2A	75+53	STH 33	LT	1
0010	2A	10+52 E	EAST ST	LT	1
0010	2A	84+86	STH 33	RT	1
0010	2A	89+16	STH 33	RT	1
0010	2B	9+46 EL	ELIZABETH ST	LT	1
0010	2B	10+23 EL	ELIZABETH ST	LT	1
0010	2B	96+91	STH 33	RT	1
0010	2B	100+13	STH 33	RT	1
0010	2B	108+17	STH 33	RT	1
0010	2A	112+67	STH 33	RT	1
0010	2A	116+58	STH 33	RT	1
0010	2A	116+60	STH 33	LT	1
0010	2A	116+85	STH 33	RT	1
0010	2A	9+57 L	LINCOLN AVE	LT	1
0010	2A	10+24 L	LINCOLN AVE	LT	1
0010	2A	10+64 L	LINCOLN AVE	LT	1
0010	1	132+71	STH 33	LT	1
			PROJECT 5090-05-71 TOTAL:		**32**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING INLETS

CATEGORY	STAGE	STATION	LOCATION	O/S	* 204.0220 EACH
0010	3A	27+42	STH 33	LT	1
0010	3A	28+35	STH 33	RT	1
0010	3A	28+41	STH 33	RT	1
0010	3A	32+53	STH 33	RT	1
0010	3A	32+85	STH 33	LT	1
0010	3A	32+94	STH 33	LT	1
0010	3A	36+47	STH 33	LT	1
0010	3A	36+47	STH 33	RT	1
0010	3A	39+22	STH 33	LT	1
0010	3A	39+32	STH 33	RT	1
0010	3A	42+36	STH 33	RT	1
0010	3A	10+51 P	PARK ST	RT	1
0010	3A	43+19	STH 33	RT	1
0010	3A	43+21	STH 33	LT	1
0010	3B	51+54	STH 33	LT	1
0010	3B	10+46 WO	WOOD ST	RT	1
0010	3B	10+47 WO	WOOD ST	LT	1
0010	3B	10+56 WO	WOOD ST	LT	1
0010	3B	52+48	STH 33	LT	1
0010	3B	52+98	STH 33	RT	1
0010	3B	53+93	STH 33	LT	1
0010	3B	53+95	STH 33	RT	1
0010	3B	54+04	STH 33	RT	1
0010	3B	10+47 WE	WEST ST	LT	1
0010	3B	10+47 WE	WEST ST	RT	1
0010	3B	57+22	STH 33	LT	1
0010	3B	57+22	STH 33	RT	1
0010	3B	57+31	STH 33	RT	1
0010	3B	10+46 BI	BIRCH ST	LT	1
0010	3B	10+46 BI	BIRCH ST	RT	1
0010	3B	10+55 BI	BIRCH ST	RT	1
0010	3B	10+56 BI	BIRCH ST	LT	1
0010	3B	61+83	STH 33	LT	1
0010	3B	65+59	STH 33	RT	1
0010	3B	65+68	STH 33	LT	1
0010	3B	65+69	STH 33	RT	1
0010	2A	68+86	STH 33	RT	1
0010	2A	70+48	STH 33	LT	1
0010	2A	70+52	STH 33	RT	1
0010	2A	10+45 O	OAK ST	LT	1
0010	2A	10+47 O	OAK ST	RT	1
0010	2A	72+85	STH 33	LT	1
0010	2A	72+86	STH 33	RT	1
0010	2A	10+49 A	ASH ST	LT	1
0010	2A	10+50 A	ASH ST	RT	1

REMOVING INLETS CONTINUED

CATEGORY	STAGE	STATION	LOCATION	O/S	* 204.0220 EACH
0010	2A	79+86	STH 33	RT	1
0010	2A	79+88	STH 33	LT	1
0010	2A	10+32 E	EAST ST	LT	1
0010	2A	10+36 E	EAST ST	RT	1
0010	2A	10+65 E	EAST ST	RT	1
0010	2A	84+45	STH 33	LT	1
0010	2A	10+36 WR	WARREN ST	RT	1
0010	2A	10+38 WR	WARREN ST	LT	1
0010	2A	84+86	STH 33	RT	1
0010	2A	87+41	STH 33	LT	1
0010	2A	87+51	STH 33	RT	1
0010	2A	87+61	STH 33	RT	1
0010	2A	10+37 BA	BARKER ST	RT	1
0010	2A	10+38 BA	BARKER ST	LT	1
0010	2A	89+45	STH 33	LT	1
0010	2A	89+81	STH 33	RT	1
0010	2B	92+97	STH 33	LT	1
0010	2B	9+63 EL	ELIZABETH ST	RT	1
0010	2B	9+63 EL	ELIZABETH ST	LT	1
0010	2B	10+40 EL	ELIZABETH ST	RT	1
0010	2B	10+46 EL	ELIZABETH ST	RT	1
0010	2B	10+48 EL	ELIZABETH ST	LT	1
0010	2B	10+54 EL	ELIZABETH ST	LT	1
0010	2B	93+76	STH 33	LT	1
0010	2B	96+93	STH 33	LT	1
0010	2B	97+24	STH 33	RT	1
0010	2B	100+06	STH 33	LT	1
0010	2B	100+51	STH 33	LT	1
0010	2B	107+81	STH 33	LT	1
0010	2B	108+44	STH 33	LT	1
0010	2A	112+66	STH 33	RT	1
0010	2A	112+67	STH 33	LT	1
0010	2A	116+30	STH 33	LT	1
0010	2A	10+34 W	WASHINGTON AVE	RT	1
0010	2A	10+35 W	WASHINGTON AVE	LT	1
0010	2A	117+00	STH 33	LT	1
0010	2A	126+30	STH 33	LT	1
0010	2A	10+47 L	LINCOLN AVE	RT	1
0010	2A	10+47 L	LINCOLN AVE	LT	1
0010	2A	10+63 L	LINCOLN AVE	LT	1
0010	2A	126+95	STH 33	LT	1
0010	1	129+66	STH 33	LT	1
0010	1	131+33	STH 33	LT	1
0010	1	131+36	STH 33	RT	1
0010	1	133+04	STH 33	RT	1
0010	1	10+43 T	TAFT AVE	RT	1
0010	1	10+81 T	TAFT AVE	LT	1
			PROJECT 5090-05-71 TOTAL:		**92**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

SEALING PIPES

CATEGORY	STAGE	STATION	LOCATION	O/S	* 204.0280 EACH	COMMENTS
0010	3A	24+16	STH 33	LT	1	24 INCH CONNECTION TO BOX
			PROJECT 5090-05-71 TOTAL:		**1**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

204.9090.S.01
REMOVING RAILING

CATEGORY	STAGE	STATION	TO	STATION	O/S	ROADWAY	LF
0010	3	61+79	-	64+20	LT	STH 33	241
0010	3	64+71	-	65+67	LT	STH 33	96
						PROJECT 5090-05-71 TOTAL:	**337**

REMOVING STORM SEWER

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 204.0245.01 12-INCH LF	* 204.0245.02 15-INCH LF	* 204.0245.03 18-INCH LF	* 204.0245.04 24-INCH LF	204.0245.05 24X38-INCH LF	204.0245.06 36-INCH LF
0010	3A	26+70	-	27+42	STH 33	-	-	-	76	-	-
0010	3A	27+42	-	27+42	STH 33	5	-	-	-	-	-
0010	3A	27+42	-	28+44	STH 33	-	-	-	106	-	-
0010	3A	28+35	-	28+41	STH 33	6	-	-	-	-	-
0010	3A	28+41	-	28+44	STH 33	-	49	-	-	-	-
0010	3A	32+53	-	32+85	STH 33	56	-	-	-	-	-
0010	3A	32+85	-	32+94	STH 33	9	-	-	-	-	-
0010	3A	34+58**	-	36+48**	STH 33	207	-	-	-	-	-
0010	3A	36+47	-	36+48	STH 33	9	-	-	-	-	-
0010	3A	36+47	-	36+48	STH 33	-	36	-	-	-	-
0010	3A	36+48**	-	36+89**	STH 33	45	-	-	-	-	-
0010	3A	36+89	-	39+22	STH 33	232	-	-	-	-	-
0010	3A	39+22	-	39+22	STH 33	52	-	-	-	-	-
0010	3A	39+22	-	39+32	STH 33	12	-	-	-	-	-
0010	3A	39+22**	-	42+05**	STH 33	284	-	-	-	-	-
0010	3A	42+05**	-	42+36**	STH 33	32	-	-	-	-	-
0010	3A	42+36	-	42+90	STH 33	67	-	-	-	-	-
0010	3A	10+20 P	-	10+51 P	PARK ST	30	-	-	-	-	-
0010	3A	10+51 P	-	10+51 P	PARK ST	5	-	-	-	-	-
0010	3A	42+90	-	43+21	STH 33	31	-	-	-	-	-
0010	3A	43+19	-	43+21	STH 33	45	-	-	-	-	-
0010	3B	51+54	-	52+10	STH 33	58	-	-	-	-	-
0010	3B	10+06 WO	-	10+46 WO	WOOD ST	-	40	-	-	-	-
0010	3B	10+46 WO	-	10+46 WO	WOOD ST	11	-	-	-	-	-
0010	3B	10+46 WO	-	10+47 WO	WOOD ST	21	-	-	-	-	-
0010	3B	10+47 WO	-	10+56 WO	WOOD ST	9	-	-	-	-	-
0010	3B	52+10	-	52+48	STH 33	42	-	-	-	-	-
0010	3B	52+10	-	52+98	STH 33	-	-	93	-	-	-
0010	3B	52+98	-	53+95	STH 33	-	-	97	-	-	-
0010	3B	53+93	-	53+95	STH 33	45	-	-	-	-	-
0010	3B	53+95	-	54+04	STH 33	9	-	-	-	-	-
0010	3B	9+87 WE	-	10+11 WE	WEST ST	-	24	-	-	-	-
0010	3B	10+11 WE	-	10+47 WE	WEST ST	37	-	-	-	-	-
0010	3B	10+47 WE	-	10+47 WE	WEST ST	33	-	-	-	-	-
0010	3B	56+74	-	57+22	STH 33	58	-	-	-	-	-
0010	3B	57+22	-	57+22	STH 33	45	-	-	-	-	-
0010	3B	57+22	-	57+31	STH 33	9	-	-	-	-	-
0010	3B	9+55 BI	-	10+26 BI	BIRCH ST	-	-	72	-	-	-
0010	3B	10+26 BI	-	10+46 BI	BIRCH ST	21	-	-	-	-	-
0010	3B	10+46 BI	-	10+46 BI	BIRCH ST	27	-	-	-	-	-
0010	3B	10+46 BI	-	10+55 BI	BIRCH ST	9	-	-	-	-	-
0010	3B	10+46 BI	-	10+56 BI	BIRCH ST	11	-	-	-	-	-
0010	3B	61+60	-	61+83	STH 33	24	-	-	-	-	-
0010	3B	65+59	-	65+69	STH 33	10	-	-	-	-	-
0010	3B	65+68	-	65+69	STH 33	46	-	-	-	-	-
0010	3B	65+69	-	66+17	STH 33	-	50	-	-	-	-
0010	2A	68+86	-	70+52	STH 33	166	-	-	-	-	-
0010	2A	70+48	-	70+52	STH 33	45	-	-	-	-	-
0010	2A	70+52	-	71+11	STH 33	61	-	-	-	-	-
0010	2A	9+91 O	-	10+47 O	OAK ST	-	-	-	56	-	-
0010	2A	10+45 O	-	10+47 O	OAK ST	32	-	-	-	-	-
0010	2A	71+11	-	73+18	STH 33	-	-	-	207	-	-
0010	2A	72+85	-	73+18	STH 33	46	-	-	-	-	-
0010	2A	72+86	-	73+18	STH 33	34	-	-	-	-	-
0010	2A	73+18	-	75+53	STH 33	-	238	-	-	-	-

REMOVING STORM SEWER CONTINUED

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 204.0245.01 12-INCH LF	* 204.0245.02 15-INCH LF	* 204.0245.03 18-INCH LF	* 204.0245.04 24-INCH LF	204.0245.05 24X38-INCH LF	204.0245.06 36-INCH LF
0010	2A	10+25 A	-	10+49 A	ASH ST	27	-	-	-	-	-
0010	2A	10+25 A	-	10+50 A	ASH ST	-	32	-	-	-	-
0010	2A	79+86	-	80+16	STH 33	30	-	-	-	-	-
0010	2A	79+88	-	80+16	STH 33	-	33	-	-	-	-
0010	2A	79+88	-	80+02	STH 33	18	-	-	-	-	-
0010	2A	9+75 E	-	10+52 E	EAST ST	-	-	-	-	-	77
0010	2A	10+36 E	-	10+36 E	EAST ST	23	-	-	-	-	-
0010	2A	10+52 E	-	10+65 E	EAST ST	25	-	-	-	-	-
0010	2A	84+45	-	84+65	STH 33	27	-	-	-	-	-
0010	2A	84+45	-	84+86	STH 33	-	57	-	-	-	-
0010	2A	84+86	-	84+86	STH 33	3	-	-	-	-	-
0010	2A	84+86	-	85+01	STH 33	57	-	-	-	-	-
0010	2A	84+86	-	87+61	STH 33	-	-	-	274	-	-
0010	2A	87+41	-	87+61	STH 33	-	47	-	-	-	-
0010	2A	87+51	-	87+61	STH 33	10	-	-	-	-	-
0010	2A	87+61	-	87+61	STH 33	-	-	-	8	-	-
0010	2A	87+61	-	89+16	STH 33	-	-	-	155	-	-
0010	2A	88+92	-	89+16	STH 33	66	-	-	-	-	-
0010	2A	89+16	-	89+45	STH 33	-	54	-	-	-	-
0010	2A	89+27	-	89+45	STH 33	24	-	-	-	-	-
0010	2A	89+16	-	89+81	STH 33	65	-	-	-	-	-
0010	2B	92+97	-	93+32	STH 33	35	-	-	-	-	-
0010	2B	9+46 EL	-	9+63 EL	ELIZABETH ST	21	-	-	-	-	-
0010	2B	9+46 EL	-	9+63 EL	ELIZABETH ST	28	-	-	-	-	-
0010	2B	9+46 EL	-	10+23 EL	ELIZABETH ST	-	-	-	-	-	76
0010	2B	10+23 EL	-	10+40 EL	ELIZABETH ST	-	-	27	-	-	-
0010	2B	10+23 EL	-	10+43 EL	ELIZABETH ST	-	-	-	-	-	20
0010	2B	10+40 EL	-	10+46 EL	ELIZABETH ST	-	6	-	-	-	-
0010	2B	10+43 EL	-	10+48 EL	ELIZABETH ST	-	-	12	-	-	-
0010	2B	10+48 EL	-	10+54 EL	ELIZABETH ST	-	6	-	-	-	-

REMOVING STORM SEWER CONTINUED

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 204.0245.01 12-INCH LF	* 204.0245.02 15-INCH LF	* 204.0245.03 18-INCH LF	* 204.0245.04 24-INCH LF	204.0245.05 24X38-INCH LF	204.0245.06 36-INCH LF
0010	2B	93+32	-	93+76	STH 33	44	-	-	-	-	-
0010	2B	96+91	-	96+93	STH 33	32	-	-	-	-	-
0010	2B	96+91	-	97+24	STH 33	35	-	-	-	-	-
0010	2B	96+91	-	100+13	STH 33	-	-	324	-	-	-
0010	2B	100+06	-	100+13	STH 33	35	-	-	-	-	-
0010	2B	100+13	-	100+51	STH 33	49	-	-	-	-	-
0010	2B	107+81	-	108+17	STH 33	-	47	-	-	-	-
0010	2B	108+17	-	108+44	STH 33	43	-	-	-	-	-
0010	2A/2B	108+17	-	112+67	STH 33	-	450	-	-	-	-
0010	2A	112+66	-	112+67	STH 33	13	-	-	-	-	-
0010	2A	112+67	-	112+67	STH 33	29	-	-	-	-	-
0010	2A	112+67	-	116+58	STH 33	-	391	-	-	-	-
0010	2A	116+30	-	116+48	STH 33	23	-	-	-	-	-
0010	2A	116+58	-	116+60	STH 33	-	-	-	-	-	23
0010	2A	116+85	-	117+00	STH 33	-	-	-	38	-	-
0010	2A	116+85	-	117+00	STH 33	20	-	-	-	-	-
0010	2A	117+00	-	117+00	STH 33	-	-	-	13	-	-
0010	2A	126+30	-	126+51	STH 33	21	-	-	-	-	-
0010	2A	9+57 L	-	10+24 L	LINCOLN AVE	-	-	-	-	-	67
0010	2A	10+24 L	-	10+64 L	LINCOLN AVE	-	-	-	40	-	-
0010	2A	10+47 L	-	10+63 L	LINCOLN AVE	16	-	-	-	-	-
0010	2A	10+47 L	-	10+64 L	LINCOLN AVE	28	-	-	-	-	-
0010	2A	10+63 L	-	10+64 L	LINCOLN AVE	-	-	11	-	-	-
0010	2A	126+51	-	126+95	STH 33	44	-	-	-	-	-
0010	1	129+66	-	131+33	STH 33	-	167	-	-	-	-
0010	1	131+33	-	131+36	STH 33	45	-	-	-	-	-
0010	1	131+33	-	132+71	STH 33	-	-	-	138	-	-
0010	1	132+71	-	133+04	STH 33	65	-	-	-	-	-
0010	1	132+71	-	133+47	STH 33	-	-	-	77	-	-
0010	1	10+67 T	-	10+81 T	TAFT AVE	-	-	-	-	38	-
					PROJECT 5090-05-71 TOTALS:	**3,037**	**1,727**	**636**	**1,188**	**38**	**263**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

**ABANDONING AND PLUGGING STORM SEWER PIPE END IS INCIDENTAL TO REMOVING STORM SEWER PIPE

211.0101.02
PREPARE FOUNDATION FOR ASPHALTIC PAVING

CATEGORY	LOCATION	EACH
0010	PROJECT 5090-05-71	1
	PROJECT 5090-05-71 TOTAL:	**1**

213.0100.02
FINISHING ROADWAY (5090-05-71)

GROUP CODE	LOCATION	EACH
0010	PROJECT LIMITS	1
	PROJECT 5090-05-71 TOTAL:	**1**

BASE AGGREGATE ITEMS

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	* 312.0110 SELECT CRUSHED MATERIAL TON	* 645.0220 GEOGRID TYPE SR SY
0010	3A	26+60	-	40+50	STH 33 (WEST CITY LIMITS TO DRAPER ST)	-	5,419	5,148	8,128
0010	3A	40+50	-	44+00	STH 33 (DRAPER ST TO PARK ST)	-	1,529	1,452	2,293
0010	3B	44+00	-	54+75	STH 33 (PARK ST TO CENTER ST)	-	4,335	4,118	6,502
0010	3B	54+75	-	68+50	STH 33 (CENTER ST TO OAK ST)	-	6,110	5,804	9,165
0010	2A	68+50	-	82+50	STH 33 (OAK ST TO EAST ST)	-	5,738	5,451	8,607
0010	2A	82+50	-	90+00	STH 33 (EAST ST TO BARKER ST)	-	3,022	2,871	4,533
0010	2B	90+00	-	96+00	STH 33 (BARKER ST TO CAMP ST)	-	2,413	2,292	3,619
0010	2B	96+00	-	109+25	STH 33 (CAMP ST TO JEFFERSON ST)	-	5,209	4,948	7,813
0010	2A	109+25	-	120+75	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	-	4,356	4,139	6,535
0010	2A	120+75	-	129+00	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	-	3,298	3,133	4,947
0010	1	129+00	-	134+22.35	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	-	2,175	2,066	3,262
0010	3A				DRIVEWAYS	-	75	-	-
0010	3B				DRIVEWAYS	-	186	-	-
0010	2A				DRIVEWAYS	-	157	-	-
0010	2B				DRIVEWAYS	-	99	-	-
0010	1				DRIVEWAYS	-	76	-	-
0010	3A				SIDEWALKS	93	-	-	-
0010	3B				SIDEWALKS	330	-	-	-
0010	2A				SIDEWALKS	210	-	-	-
0010	2B				SIDEWALKS	152	-	-	-
0010					UNDISTRIBUTED	39	2,210	2,071	3,270
					PROJECT 5090-05-71 CATEGORY 0010 SUBTOTALS:	**824**	**46,407**	**43,493**	**68,674**
0030	3A	9+35 P	-	10+69 P	PARK ST	-	19	37	58
0030	3B	9+30 CE	-	9+45 CE	CENTER ST	-	20	39	61
0030	3B	9+30 BI	-	9+45 CE	BIRCH ST	-	20	37	59
0030	3B	8+30 B	-	8+80 B	BROADWAY	-	96	182	288
0030	2A	9+23 O	-	9+45 O	OAK ST	-	33	63	99
0030	2A	8+63 A	-	10+69 A	ASH ST	-	146	278	439
0030	2B	9+25 CA	-	9+45 CA	CAMP ST	-	29	54	86
0030	2B	9+32 J	-	10+73 J	JEFFERSON ST	-	66	126	199
0030	2A	9+34 W	-	10+69 W	WASHINGTON AVE	-	51	96	152
0030	3B				DRIVEWAYS	-	25	-	-
0030	2A				DRIVEWAYS	-	65	-	-
0030	2B				DRIVEWAYS	-	20	-	-
0030	3A				SIDEWALKS	28	-	-	-
0030	3B				SIDEWALKS	165	-	-	-
0030	2A				SIDEWALKS	278	-	-	-
0030	2B				SIDEWALKS	106	-	-	-
0030	1				SIDEWALKS	5	-	-	-
0030					UNDISTRIBUTED	29	30	46	72
					PROJECT 5090-05-71 CATEGORY 0030 SUBTOTALS:	**610**	**620**	**958**	**1,513**
* ADDITIONAL QUANTITIES LISTED ELSEWHERE					**PROJECT 5090-05-71 TOTALS:**	**1,434**	**47,027**	**44,451**	**70,187**

EARTHWORK SUMMARY

EARTHWORK - STAGE 1

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON (1) CUT (2) CY	205.0100 EXCAVATION COMMON (1) EBS EXCAVATION (3) CY	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4) CY	AVAILABLE MATERIAL (5) CY	UNEXPANDED FILL CY	EXPANDED FILL (6) FACTOR = 1.30 CY	MASS ORDINATE +/- (7) CY	WASTE CY	312.0110* SELECT CRUSHED MATERIAL TON
0010	129+00	-	134+22	STH 33	2,358	236	2,358	0	8	10	-10	-10	425
0010	10+40'T'	-	10+90'T'	TAFT AVENUE	197	20	197	0	1	1	-1	-1	36
				SUBTOTALS:	2,555	256	2,555	0	9	11	-11	-11	461
				STAGE 1 TOTALS:		**2,811**							**461**

EARTHWORK - STAGE 2A

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON (1) CUT (2) CY	205.0100 EXCAVATION COMMON (1) EBS EXCAVATION (3) CY	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4) CY	AVAILABLE MATERIAL (5) CY	UNEXPANDED FILL CY	EXPANDED FILL (6) FACTOR = 1.30 CY	MASS ORDINATE +/- (7) CY	WASTE CY	312.0110 SELECT CRUSHED MATERIAL TON
0010	68+50	-	90+00	STH 33	9,777	978	9,777	0	39	51	-51	-51	1,760
0010	109+25	-	129+00	STH 33	9,645	965	9,645	0	8	10	-10	-10	1,737
0010	9+23'O'	-	10+60'O'	OAK STREET	265	27	265	0	0	0	0	0	49
0010	8+63'A'	-	10+55'A'	ASH STREET	349	35	349	0	3	4	-4	-4	63
0010	9+45'E'	-	10+70'E'	EAST STREET	224	22	224	0	0	0	0	0	40
0010	10+30'WA'	-	10+55'WA'	WARREN AVENUE	87	9	87	0	0	0	0	0	16
0010	9+45'BA'	-	10+55'BA'	BARKER STREET	185	19	185	0	0	0	0	0	34
0010	9+30'W'	-	10+55'W'	WASHINGTON AVENUE	227	23	227	0	0	0	0	0	41
0010	9+45'L'	-	10+80'L'	LINCOLN AVENUE	408	41	408	0	0	0	0	0	74
				SUBTOTALS:	21,167	2,119	21,167	0	51	65	-65	-65	3,814
				STAGE 2A TOTALS:		**23,286**							**3,814**

EARTHWORK - STAGE 2B

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON (1) CUT (2) CY	205.0100 EXCAVATION COMMON (1) EBS EXCAVATION (3) CY	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4) CY	AVAILABLE MATERIAL (5) CY	UNEXPANDED FILL CY	EXPANDED FILL (6) FACTOR = 1.30 CY	MASS ORDINATE +/- (7) CY	WASTE CY	312.0110 SELECT CRUSHED MATERIAL TON
0010	90+00	-	109+00	STH 33	8,557	856	8,557	0	19	25	-25	-25	1,541
0010	9+40'EL'	-	10+60'EL'	ELIZABETH STREET	227	23	227	0	0	0	0	0	41
0010	9+25'CA'	-	9+70'CA'	CAMP STREET	142	14	142	0	0	0	0	0	25
0010	10+30'TU'	-	10+50'TU'	TUTTLE STREET	52	5	52	0	0	0	0	0	9
0010	9+45'WH'	-	9+70'WH'	WHEELER STREET	60	6	60	0	0	0	0	0	11
0010	9+32'J'	-	10+73'J'	JEFFERSON STREET	242	24	242	0	1	1	-1	-1	43
				SUBTOTALS:	9,280	928	9,280	0	20	26	-26	-26	1,670
				STAGE 2B TOTALS:		**10,208**							**1,670**

EARTHWORK - STAGE 3A

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON (1) CUT (2) CY	205.0100 EXCAVATION COMMON (1) EBS EXCAVATION (3) CY	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4) CY	AVAILABLE MATERIAL (5) CY	UNEXPANDED FILL CY	EXPANDED FILL (6) FACTOR = 1.30 CY	MASS ORDINATE +/- (7) CY	WASTE CY	312.0110 SELECT CRUSHED MATERIAL TON
0010	26+60	-	44+00	STH 33	7,982	798	7,982	0	67	87	-87	-87	1,436
0010	10+30'D'	-	11+20'D'	DRAPER STREET	380	38	380	0	1	1	-1	-1	68
0010	9+35'P'	-	10+69'P'	PARK STREET	259	26	259	0	4	6	-6	-6	47
				SUBTOTALS:	8,621	862	8,621	0	72	94	-94	-94	1,551
				STAGE 3A TOTALS:		**9,483**							**1,551**

EARTHWORK - STAGE 3B

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON (1) CUT (2) CY	205.0100 EXCAVATION COMMON (1) EBS EXCAVATION (3) CY	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4) CY	AVAILABLE MATERIAL (5) CY	UNEXPANDED FILL CY	EXPANDED FILL (6) FACTOR = 1.30 CY	MASS ORDINATE +/- (7) CY	WASTE CY	312.0110 SELECT CRUSHED MATERIAL TON
0010	44+00	-	68+50	STH 33	10,712	1,071	10,712	0	53	69	-69	-69	1,928
0010	9+45'S'	-	10+65'S'	SUMMIT STREET	180	18	180	0	0	0	0	0	32
0010	10+30'WO'	-	10+60'WO'	WOOD STREET	108	11	108	0	0	0	0	0	20
0010	9+30'CE'	-	9+70'CE'	CENTER STREET	125	12	125	0	0	0	0	0	22
0010	9+45'WE'	-	10+60'WE'	WEST STREET	188	19	188	0	1	1	-1	-1	34
0010	9+30'BI'	-	10+60'BI'	BIRCH STREET	204	20	204	0	2	3	-3	-3	36
0010	8+30'B'	-	9+60'B'	BROADWAY (STH 113)	596	60	596	0	3	4	-4	-4	108
				SUBTOTALS:	12,113	1,211	12,113	0	60	77	-77	-77	2,180
				STAGE 3B TOTALS:		**13,324**							**2,180**
				TOTALS:		**59,112**							**9,676**

NOTES:
1) EXCAVATION COMMON IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. BID ITEM NUMBER 205.0100.
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN THE CUT.
3) EBS EXCAVATION = 10% OF THE CUT. EBS EXCAVATION TO BE BACKFILLED WITH BREAKER RUN.
4) SALVAGED/UNUSABLE PAVEMENT MATERIAL.
5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL.
6) EXPANDED FILL = (UNEXPANDED)*(EXPANDED FILL FACTOR). EXPANDED FILL FACTOR = 1.15.
7) MASS ORDINATE = (AVAILABLE MATERIAL - EXPANDED FILL). PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL. MINUS INDICATES A SHORTAGE OF MATERIAL.
8) BREAKER RUN = (EBS QUANTITY) * (UNIT WEIGHT FOR BREAKER RUN). UNIT WEIGHT FOR BREAKER RUN = 1.8 TONS/CY. USED FOR BACKFILL OF EBS.
* ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE DRIVEWAY

CATEGORY	STAGE	STATION	LOCATION	* 416.0160 CONCRETE DRIVEWAY 6-INCH SY	* 416.0170 CONCRETE DRIVEWAY 7-INCH SY	COMMENTS
0010	3A	27+06	STH 33, LT	-	34	CE
0010	3A	29+79	STH 33, LT	-	47	CE
0010	3A	33+32	STH 33, LT	-	30	CE
0010	3A	34+50	STH 33, LT	22	-	PE
0010	3A	35+69	STH 33, LT	17	-	PE
0010	3A	36+37	STH 33, LT	16	-	PE
0010	3A	37+06	STH 33, LT	15	-	PE
0010	3A	37+29	STH 33, LT	19	-	PE
0010	3A	43+55	STH 33, RT	-	9	CE
0010	3B	44+48	STH 33, RT	7	-	PE
0010	3B	45+02	STH 33, LT	17	-	PE
0010	3B	45+46	STH 33, LT	-	39	CE
0010	3B	46+05	STH 33, RT	-	16	CE
0010	3B	46+30	STH 33, LT	-	22	CE
0010	3B	46+52	STH 33, RT	-	7	CE
0010	3B	46+67	STH 33, LT	-	40	CE
0010	3B	46+99	STH 33, RT	-	17	CE
0010	3B	47+47	STH 33, LT	-	48	CE
0010	3B	50+58	STH 33, LT	18	-	PE
0010	3B	52+47	STH 33, RT	10	-	PE
0010	3B	53+08	STH 33, LT	28	-	PE, SHARED
0010	3B	54+24	STH 33, LT	13	-	PE
0010	3B	55+01	STH 33, LT	-	24	CE
0010	3B	56+04	STH 33, RT	12	-	PE
0010	3B	58+52	STH 33, LT	13	-	PE
0010	3B	59+71	STH 33, LT	13	-	PE
0010	3B	63+79	STH 33, RT	14	-	PE
0010	3B	64+38	STH 33, LT	14	-	PE
0010	3B	64+45	STH 33, RT	8	-	PE
0010	3B	64+80	STH 33, RT	-	48	CE
0010	3B	65+34	STH 33, RT	-	30	CE
0010	3B	66+50	STH 33, LT	15	-	PE
0010	3B	67+84	STH 33, LT	14	-	PE
0010	3B	67+92	STH 33, RT	-	26	CE
0010	2A	72+09	STH 33, RT	17	-	PE
0010	2A	83+56	STH 33, LT	7	-	PE
0010	2A	83+96	STH 33, RT	11	-	PE, SHARED
0010	2A	86+67	STH 33, RT	17	-	PE
0010	2A	86+91	STH 33, LT	8	-	PE
0010	2A	87+57	STH 33, LT	9	-	PE
0010	2A	87+68	STH 33, RT	12	-	PE
0010	2A	88+93	STH 33, RT	16	-	PE
0010	2B	91+99	STH 33, LT	7	-	PE
0010	2B	92+21	STH 33, RT	12	-	PE
0010	2B	93+91	STH 33, RT	-	15	CE
0010	2B	94+27	STH 33, RT	-	24	CE
0010	2B	94+63	STH 33, LT	9	-	PE
0010	2B	94+83	STH 33, LT	8	-	PE
0010	2B	94+98	STH 33, RT	-	23	CE
0010	2B	95+48	STH 33, LT	8	-	PE

CONCRETE DRIVEWAY (CONTINUED)

CATEGORY	STAGE	STATION	LOCATION	* 416.0160 CONCRETE DRIVEWAY 6-INCH SY	* 416.0170 CONCRETE DRIVEWAY 7-INCH SY	COMMENTS
0010	2B	95+53	STH 33, RT	-	17	CE
0010	2B	96+61	STH 33, LT	10	-	PE, SHARED
0010	2B	98+60	STH 33, RT	12	-	PE
0010	2B	99+49	STH 33, RT	10	-	PE
0010	2B	99+79	STH 33, RT	11	-	PE
0010	2B	101+72	STH 33, RT	10	-	PE
0010	2B	104+77	STH 33, LT	-	15	CE
0010	2B	105+14	STH 33, RT	-	25	CE
0010	2B	105+62	STH 33, RT	-	25	CE
0010	2B	106+33	STH 33, LT	-	13	CE
0010	2B	106+76	STH 33, LT	-	10	CE
0010	2B	107+00	STH 33, RT	-	24	CE
0010	2A	109+49	STH 33, RT	-	17	CE
0010	2A	110+43	STH 33, RT	11	-	PE
0010	2A	110+59	STH 33, LT	-	21	CE
0010	2A	111+68 & 111+88	STH 33, RT	22	-	PE, SHARED
0010	2A	112+03	STH 33, LT	-	17	CE
0010	2A	112+48	STH 33, LT	-	15	CE
0010	2A	112+50	STH 33, RT	7	-	PE
0010	2A	113+38	STH 33, LT	-	18	CE
0010	2A	113+52	STH 33, RT	10	-	PE
0010	2A	114+07	STH 33, LT	-	15	CE
0010	2A	114+77	STH 33, LT	-	14	CE
0010	2A	114+92	STH 33, RT	-	16	CE
0010	2A	115+22	STH 33, LT	-	14	CE
0010	2A	9+42 W	WASHINGTON AVE, LT	-	1	CE
0010	2A	10+57 W	WASHINGTON AVE, RT	-	4	CE
0010	2A	117+87	STH 33, RT	-	11	CE
0010	2A	118+11	STH 33, LT	-	10	CE
0010	2A	118+89	STH 33, RT	-	14	CE
0010	2A	119+22	STH 33, LT	-	13	CE
0010	2A	119+83	STH 33, LT	-	13	CE
0010	2A	120+96	STH 33, LT	-	18	CE
0010	2A	122+40	STH 33, LT	-	21	CE
0010	2A	123+57	STH 33, LT	-	22	CE
0010	2A	125+43	STH 33, LT	-	25	CE
0010	2A	127+83	STH 33, LT	-	17	CE
0010	1	129+48	STH 33, LT	-	22	CE
0010	1	130+34	STH 33, LT	-	24	CE
0010	1	131+72	STH 33, LT	-	24	CE
PROJECT 5090-05-71 CATEGORY 0010 SUBTOTALS:				**529**	**1,014**	

CONCRETE DRIVEWAY (CONTINUED)

CATEGORY	STAGE	STATION	LOCATION	* 416.0160 CONCRETE DRIVEWAY 6-INCH SY	* 416.0170 CONCRETE DRIVEWAY 7-INCH SY	COMMENTS
0030	3B	44+48	STH 33, RT	6	-	PE
0030	3B	45+46	STH 33, LT	-	5	CE
0030	3B	46+05	STH 33, RT	-	7	CE
0030	3B	46+52	STH 33, RT	-	5	CE
0030	3B	46+99	STH 33, RT	-	8	CE
0030	3B	47+47	STH 33, LT	-	2	CE
0030	3B	52+47	STH 33, RT	3	-	PE
0030	3B	53+08	STH 33, LT	1	-	PE, SHARED
0030	3B	54+24	STH 33, LT	2	-	PE
0030	3B	55+01	STH 33, LT	-	6	CE
0030	3B	56+04	STH 33, RT	5	-	PE
0030	3B	58+52	STH 33, LT	3	-	PE
0030	3B	8+31 B	BROADWAY, LT	-	4	CE
0030	3B	8+36 B	BROADWAY, RT	-	18	CE
0030	2B	94+27	STH 33, RT	-	10	CE
0030	2B	99+49	STH 33, RT	9	-	PE
0030	2B	99+79	STH 33, RT	3	-	PE
0030	2B	101+72	STH 33, RT	8	-	PE
0030	2B	104+77	STH 33, LT	-	10	CE
0030	2B	105+62	STH 33, RT	-	9	CE
0030	2B	106+33	STH 33, LT	-	10	CE
0030	2B	107+00	STH 33, RT	-	2	CE
0030	2A	109+49	STH 33, RT	-	14	CE
0030	2A	110+43	STH 33, RT	9	-	PE
0030	2A	110+59	STH 33, LT	-	10	CE
0030	2A	111+68 & 111+88	STH 33, RT	7	-	PE, SHARED
0030	2A	112+03	STH 33, LT	-	8	CE
0030	2A	112+48	STH 33, LT	-	5	CE
0030	2A	112+50	STH 33, RT	6	-	PE
0030	2A	113+38	STH 33, LT	-	11	CE
0030	2A	114+92	STH 33, RT	-	18	CE
0030	2A	115+22	STH 33, LT	-	12	CE
0030	2A	9+42 W	WASHINGTON AVE, LT	-	16	CE
0030	2A	10+57 W	WASHINGTON AVE, RT	-	7	CE
0030	2A	117+87	STH 33, RT	-	10	CE
0030	2A	118+11	STH 33, LT	-	8	CE
0030	2A	118+89	STH 33, RT	-	10	CE
0030	2A	120+96	STH 33, LT	-	21	CE
0030	2A	122+40	STH 33, LT	-	6	CE
0030	2A	123+57	STH 33, LT	-	8	CE
PROJECT 5090-05-71 CATEGORY 0030 SUBTOTALS:				**62**	**260**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PROJECT 5090-05-71 TOTALS: **591** **1,274**

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ASPHALT PAVEMENT ITEMS

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 450.4000 HMA COLD WEATHER PAVING TON	* 455.0605 TACK COAT GAL	* 460.6223 HMA PAVEMENT 3 MT 58-28 S LOWER LAYER TON	* 460.6224 HMA PAVEMENT 4 MT 58-28 S MIDDLE LAYER TON	* 460.6624 HMA PAVEMENT 4 MT 58-28 V UPPER LAYER TON
0010	3A	26+60	-	40+50	STH 33 (WEST CITY LIMITS TO DRAPER ST)	-	637	891	624	624
0010	3A	40+50	-	44+00	STH 33 (DRAPER ST TO PARK ST)	-	186	261	182	182
0010	3B	44+00	-	54+75	STH 33 (PARK ST TO CENTER ST)	433	515	721	505	505
0010	3B	54+75	-	68+50	STH 33 (CENTER ST TO OAK ST)	629	749	1,048	734	734
0010	2A	68+50	-	82+50	STH 33 (OAK ST TO EAST ST)	-	676	946	663	663
0010	2A	82+50	-	90+00	STH 33 (EAST ST TO BARKER ST)	-	361	505	353	353
0010	2B	90+00	-	96+00	STH 33 (BARKER ST TO CAMP ST)	-	285	398	279	279
0010	2B	96+00	-	109+25	STH 33 (CAMP ST TO JEFFERSON ST)	-	623	872	611	611
0010	2A	109+25	-	120+75	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	-	529	741	519	519
0010	2A	120+75	-	129+00	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	-	388	543	380	380
0010	1	129+00	-	134+22.35	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	225	268	375	263	263
0010	3A	10+41 D	-	11+20 D	DRAPER ST	-	18	46	-	36
0010	3A	9+45 P	-	10+65 P	PARK ST	-	6	14	-	11
0010	3B	9+45 S	-	10+65 S	SUMMIT ST	6	6	14	-	11
0010	3B	10+40 WO	-	10+60 WO	WOOD ST	4	3	8	-	7
0010	3B	9+45 CE	-	9+60 CE	CENTER ST	3	2	6	-	5
0010	3B	9+45 WE	-	10+60 WE	WEST ST	6	6	14	-	11
0010	3B	9+45 BI	-	10+60 BI	BIRCH ST	6	5	13	-	10
0010	2A	9+45 O	-	10+60 O	OAK ST	-	6	15	-	12
0010	2A	9+45 A	-	10+55 A	ASH ST	-	5	13	-	10
0010	2A	9+45 E	-	10+70 E	EAST ST	-	8	20	-	16
0010	2A	10+40 WR	-	10+55 WR	WARREN ST	-	3	7	-	5
0010	2A	9+45 BA	-	10+55 BA	BARKER ST	-	5	13	-	10
0010	2B	9+40 EL	-	10+60 EL	ELIZABETH ST	-	7	19	-	14
0010	2B	9+45 CA	-	9+60 CA	CAMP ST	-	3	7	-	5
0010	2B	10+35 TU	-	10+50 TU	TUTTLE ST	-	2	5	-	4
0010	2B	9+45 WH	-	9+65 WH	WHEELER ST	-	2	6	-	5
0010	2B	9+55 J	-	10+55 J	JEFFERSON ST	-	4	11	-	9
0010	2A	9+52 W	-	10+55 W	WASHINGTON AVE	-	4	11	-	8
0010	2A	9+45 L	-	10+80 L	LINCOLN AVE	-	11	27	-	21
0010	1	10+80 T	-	10+90 T	TAFT AVE	2	2	4	-	3
0010					UNDISTRIBUTED	131	533	757	511	533
					PROJECT 5090-05-71 CATEGORY 0010 SUBTOTALS:	**1,445**	**5,858**	**8,331**	**5,624**	**5,859**
0030	3A	9+35 P	-	10+69 P	PARK ST	-	2	6	-	4
0030	3B	9+30 CE	-	9+45 CE	CENTER ST	3	2	6	-	5
0030	3B	9+30 BI	-	9+45 BI	BIRCH ST	3	2	6	-	4
0030	3B	8+30 B	-	8+80 B	BROADWAY	20	24	33	23	23
0030	2A	9+23 O	-	9+45 O	OAK ST	-	4	10	-	8
0030	2A	8+63 A	-	10+69 A	ASH ST	-	17	43	-	34
0030	2B	9+25 CA	-	9+45 CA	CAMP ST	-	3	8	-	6
0030	2B	9+32 J	-	10+73 J	JEFFERSON ST	-	8	20	-	15
0030	2A	9+34 W	-	10+69 W	WASHINGTON AVE	-	6	15	-	12
0030					UNDISTRIBUTED	3	7	15	2	11
					PROJECT 5090-05-71 CATEGORY 0030 SUBTOTALS:	**29**	**75**	**162**	**25**	**122**
* ADDITIONAL QUANTITIES LISTED ELSEWHERE					**PROJECT 5090-05-71 TOTALS:**	**1,474**	**5,933**	**8,493**	**5,649**	**5,981**

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465.0120

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

CATEGORY	STAGE	STATION	LOCATION	* TON	COMMENTS
0010	3A	9+65 P	PARK ST, RT	3	CE, SE QUADRANT
0010	3B	9+65 S	SUMMIT ST, LT	5	CE, SW QUADRANT
0010	3B	64+45	STH 33, RT	2	PE
0010	3B	66+50	STH 33, LT	1	PE
0010	2B	9+57 J	JEFFERSON ST, RT	1	CE, SE QUADRANT
0010	2B	10+33 J	JEFFERSON ST, LT	1	CE, NW QUADRANT
0010	2B	10+34 J	JEFFERSON ST, RT	1	CE, NE QUADRANT
0010	2A	10+58 W	WASHINGTON AVE, LT	2	CE
0010	1	130+11	STH 33, RT	13	CE
0010	1	130+86	STH 33, RT	8	CE
0010	1	131+71	STH 33, RT	10	CE
0010	1	133+51	STH 33, RT	4	PE
		PROJECT 5090-05-71 CATEGORY 0010 SUBTOTAL:		**51**	
0030	2A	10+58 W	WASHINGTON AVE, LT	2	CE
		PROJECT 5090-05-71 CATEGORY 0030 SUBTOTAL:		**2**	
		PROJECT 5090-05-71 TOTAL:		**53**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

CATEGORY	STAGE	STATION	LOCATION	416.1010 CONCRETE SURFACE DRAINS CY	465.0315 ASPHALTIC FLUMES SY	COMMENTS
0010	1	118+05	STH 33, RT	1	-	
0010	1	134+22.35	STH 33, LT	-	6	SE QUADRANT
0010	1	134+22.35	STH 33, RT	-	6	SW QUADRANT
		PROJECT 5090-05-71 TOTAL:		**1**	**12**	

CONCRETE CURB AND GUTTER

CATEGORY	STAGE	STA	TO	STA	O/S	ROADWAY	* 601.0405 CONCRETE CURB & GUTTER 18-INCH TYPE A LF	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	* 601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0600 CONCRETE CURB PEDESTRIAN LF	* 650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF
0010	3A	26+69	-	38+56	LT	STH 33	-	-	1,235	-	1,235
0010	3A	26+51	-	38+96	RT	STH 33	-	-	1,236	-	1,236
0010	3A	38+65	-	39+38	RT	STH 33	-	-	-	73	73
0010	3A	10+44 D	-	11+20 D	RT	DRAPER ST	-	-	76	-	76
0010	3A	39+01	-	42+63	LT	STH 33	-	398	-	-	398
0010	3A	38+96	-	42+63	RT	STH 33	-	381	-	-	381
0010	3A	9+45 P	-	9+55 P	LT	PARK ST	-	-	10	-	10
0010	3A	10+55 P	-	10+65 P	LT	PARK ST	-	-	10	-	10
0010	3A	42+97	-	44+00	LT	STH 33	-	-	135	-	135
0010	3A	42+96	-	44+00	RT	STH 33	-	-	128	-	128
0010	3B	44+00	-	47+92	LT	STH 33	-	-	424	-	424
0010	3B	44+00	-	47+91	RT	STH 33	-	-	416	6	422
0010	3B	48+23	-	51+88	LT	STH 33	-	-	427	-	427
0010	3B	48+25	-	53+19	RT	STH 33	-	-	544	-	544
0010	3B	52+22	-	56+67	LT	STH 33	-	-	504	-	504
0010	3B	52+64	-	52+87	LT/RT	STH 33 (REFUGE ISLAND)	-	-	57	-	57
0010	3B	53+52	-	56+67	RT	STH 33	-	-	364	-	364
0010	3B	56+99	-	61+30	LT	STH 33	-	-	491	-	491
0010	3B	57+00	-	61+31	RT	STH 33	-	-	481	-	481
0010	3B	61+60	-	68+50	LT	STH 33	-	-	720	-	720
0010	3B	61+61	-	65+99	RT	STH 33	-	-	538	-	538
0010	3B	63+84	-	63+84	RT	STH 33	-	-	-	5	5
0010	3B	66+36	-	66+52	RT	STH 33 (REFUGE ISLAND)	-	-	59	-	59
0010	3B	66+40	-	66+40	LT	STH 33	-	-	-	5	5
0010	3B	66+47	-	68+50	RT	STH 33	-	-	261	-	261
0010	2A	68+50	-	70+75	LT	STH 33	-	-	256	-	256
0010	2A	68+50	-	70+76	RT	STH 33	-	-	251	-	251
0010	2A	71+11	-	75+40	LT	STH 33	-	-	485	-	485
0010	2A	71+11	-	75+41	RT	STH 33	-	-	480	-	480
0010	2A	75+75	-	80+03	LT	STH 33	-	-	493	-	493
0010	2A	75+76	-	80+03	RT	STH 33	-	-	478	-	478
0010	2A	80+40	-	84+66	LT	STH 33	-	-	491	-	491
0010	2A	80+39	-	89+21	RT	STH 33	-	-	933	-	933
0010	2A	85+00	-	88+92	LT	STH 33	-	-	442	-	442
0010	2A	89+28	-	90+00	LT	STH 33	-	-	98	-	98
0010	2A	89+57	-	90+00	RT	STH 33	-	-	68	-	68
0010	2B	90+00	-	93+19	LT	STH 33	-	-	349	-	349
0010	2B	90+00	-	93+19	RT	STH 33	-	-	350	-	350
0010	2B	93+54	-	100+10	LT	STH 33	-	-	694	-	694
0010	2B	93+62	-	96+65	RT	STH 33	-	-	368	-	368
0010	2B	96+27	-	96+50	LT/RT	STH 33 (REFUGE ISLAND)	-	-	57	-	57
0010	2B	97+00	-	100+67	RT	STH 33	-	-	418	-	418
0010	2B	100+38	-	107+99	LT	STH 33	-	-	809	-	809
0010	2B	100+44	-	100+63	LT/RT	STH 33 (REFUGE ISLAND)	-	-	49	-	49
0010	2B	100+91	-	107+47	RT	STH 33	-	-	700	-	700

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CONCRETE CURB AND GUTTER

CATEGORY	STAGE	STA	TO	STA	O/S	ROADWAY	* 601.0405 CONCRETE CURB & GUTTER 18-INCH TYPE A LF	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	* 601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0600 CONCRETE CURB PEDESTRIAN LF	* 650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF
0010	2B	107+84	-	109+25	RT	STH 33	-	-	116	-	116
0010	2B	108+34	-	109+25	LT	STH 33	-	-	159	-	159
0010	2A	109+25	-	116+49	RT	STH 33	-	-	749	-	749
0010	2A	109+25	-	116+49	LT	STH 33	-	-	742	-	742
0010	2A	116+85	-	126+39	LT	STH 33	-	-	1,029	-	1,029
0010	2A	116+88	-	126+32	RT	STH 33	-	-	990	-	990
0010	2A	126+74	-	129+00	LT	STH 33	-	-	276	-	276
0010	2A	126+80	-	129+00	RT	STH 33	-	-	245	-	245
0010	1	129+00	-	133+01	LT	STH 33	-	-	451	-	451
0010	1	129+00	-	134+22.35	RT	STH 33	-	-	522	-	522
0010	1	129+85	-	129+94	RT	STH 33	-	19	-	-	19
0010	1	130+28		130+37	RT	STH 33	-	19	-	-	19
0010	1	133+35	-	134+22.35	LT	STH 33	-	-	129	-	129
				PROJECT 5090-05-71 CATEGORY 0010 SUBTOTALS:			**0**	**817**	**21,793**	**89**	**22,699**
0030	3A	9+35 P	-	9+45 P	RT	PARK ST	-	-	10	-	10
0030	3A	9+35 P	-	9+45 P	LT	PARK ST	-	-	10	-	10
0030	3A	10+65 P	-	10+69 P	RT	PARK ST	-	-	4	-	4
0030	3A	10+65 P	-	10+69 P	LT	PARK ST	-	-	4	-	4
0030	3B	9+30 CE	-	9+45 CE	RT	CENTER ST	-	-	15	-	15
0030	3B	9+30 CE	-	9+45 CE	LT	CENTER ST	-	-	15	-	15
0030	3B	9+30 BI	-	9+45 BI	RT	BIRCH ST	-	-	15	-	15
0030	3B	9+30 BI	-	9+45 BI	LT	BIRCH ST	-	-	15	-	15
0030	3B	8+30 B	-	8+80 B	RT	BROADWAY	-	-	50	-	50
0030	3B	8+30 B	-	8+80 B	LT	BROADWAY	-	-	50	-	50
0030	3B	8+32 B		8+41 B	LT	BROADWAY	15	-	-	-	-
0030	2A	9+23 O	-	9+45 O	RT	OAK ST	-	-	22	-	22
0030	2A	9+23 O	-	9+45 O	LT	OAK ST	-	-	22	-	22
0030	2A	8+63 A	-	9+45 A	RT	ASH ST	-	-	82	-	82
0030	2A	8+63 A	-	9+45 A	LT	ASH ST	-	-	82	-	82
0030	2A	10+55 A	-	10+69 A	RT	ASH ST	-	-	14	-	14
0030	2A	10+55 A	-	10+69 A	LT	ASH ST	-	-	14	-	14
0030	2B	9+25 CA	-	9+45 CA	RT	CAMP ST	-	-	20	-	20
0030	2B	9+25 CA	-	9+45 CA	LT	CAMP ST	-	-	20	-	20
0030	2B	10+55 J	-	10+73 J	RT	JEFFERSON ST	-	-	18	-	18
0030	2B	10+55 J	-	10+73 J	LT	JEFFERSON ST	-	-	18	-	18
0030	2A	9+34 W	-	9+52 W	RT	WASHINGTON AVE	-	-	18	-	18
0030	2A	9+34 W	-	9+52 W	LT	WASHINGTON AVE	-	-	18	-	18
0030	2A	10+55 W	-	10+69 W	RT	WASHINGTON AVE	-	-	14	-	14
0030	2A	10+55 W	-	10+69 W	LT	WASHINGTON AVE	-	-	14	-	14
				PROJECT 5090-05-71 CATEGORY 0030 SUBTOTALS:			**15**	**0**	**564**	**0**	**564**
* ADDITIONAL QUANTITIES LISTED ELSEWHERE				**PROJECT 5090-05-71 TOTALS:**			**15**	**817**	**22,357**	**89**	**23,263**

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CONCRETE SIDEWALK

CATEGORY	STAGE	STATION	TO	STATION	O/S	LOCATION	602.1500 CONCRETE STEPS SF	602.0405 CONCRETE SIDEWALK 4-INCH SF	* 602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	* 602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA SF	* 650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9500.02 CONSTRUCTION STAKING SIDEWALK EACH
0010	3A	26+60	-	40+50	LT	STH 33 (WEST CITY LIMITS TO DRAPER ST)	-	634	26	11	3	-
0010	3A	26+60	-	40+50	RT	STH 33 (WEST CITY LIMITS TO DRAPER ST)	-	685	16	-	1	-
0010	3A	40+50	-	44+00	LT	STH 33 (DRAPER ST TO PARK ST)	-	585	40	-	4	-
0010	3A	40+50	-	44+00	RT	STH 33 (DRAPER ST TO PARK ST)	-	495	40	-	4	-
0010	3B	44+00	-	54+75	LT	STH 33 (PARK ST TO CENTER ST)	-	1,054	90	-	9	-
0010	3B	44+00	-	54+75	RT	STH 33 (PARK ST TO CENTER ST)	-	926	70	-	7	-
0010	3B	54+75	-	68+50	LT	STH 33 (CENTER ST TO OAK ST)	-	3,249	100	-	10	-
0010	3B	54+75	-	68+50	RT	STH 33 (CENTER ST TO OAK ST)	16	3,265	130	-	13	-
0010	2A	68+50	-	82+50	LT	STH 33 (OAK ST TO EAST ST)	-	1,246	120	-	12	-
0010	2A	68+50	-	82+50	RT	STH 33 (OAK ST TO EAST ST)	-	1,222	120	-	12	-
0010	2A	82+50	-	90+00	LT	STH 33 (EAST ST TO BARKER ST)	-	942	60	13	7	-
0010	2A	82+50	-	90+00	RT	STH 33 (EAST ST TO BARKER ST)	-	740	50	-	5	-
0010	2B	90+00	-	96+00	LT	STH 33 (BARKER ST TO CAMP ST)	-	448	40	-	4	-
0010	2B	90+00	-	96+00	RT	STH 33 (BARKER ST TO CAMP ST)	-	815	40	-	4	-
0010	2B	96+00	-	109+25	LT	STH 33 (CAMP ST TO JEFFERSON ST)	-	1,244	90	-	9	-
0010	2B	96+00	-	109+25	RT	STH 33 (CAMP ST TO JEFFERSON ST)	-	1,396	110	-	11	-
0010	2A	109+25	-	120+75	LT	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	-	388	40	-	4	-
0010	2A	109+25	-	120+75	RT	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	-	387	40	-	4	-
0010	2A	120+75	-	129+00	LT	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	-	370	30	-	3	-
0010	2A	120+75	-	129+00	RT	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	-	100	10	-	1	-
						PROJECT 5090-05-71 CATEGORY 0010 SUBTOTALS:	**16**	**20,191**	**1,262**	**24**	**127**	**1**
0030	3A	26+60	-	40+50	LT	STH 33 (WEST CITY LIMITS TO DRAPER ST)	-	390	-	-	-	-
0030	3A	40+50	-	44+00	LT	STH 33 (DRAPER ST TO PARK ST)	-	325	-	-	-	-
0030	3B	44+00	-	54+75	LT	STH 33 (PARK ST TO CENTER ST)	-	1,028	-	-	-	-
0030	3B	44+00	-	54+75	RT	STH 33 (PARK ST TO CENTER ST)	-	1,032	-	-	-	-
0030	3B	54+75	-	68+50	LT	STH 33 (CENTER ST TO OAK ST)	-	1,002	-	-	-	-
0030	3B	54+75	-	68+50	RT	STH 33 (CENTER ST TO OAK ST)	-	1,188	-	-	-	-
0030	2A	68+50	-	82+50	LT	STH 33 (OAK ST TO EAST ST)	-	1,381	-	-	-	-
0030	2A	68+50	-	82+50	RT	STH 33 (OAK ST TO EAST ST)	-	1,458	-	-	-	-
0030	2A	82+50	-	90+00	LT	STH 33 (EAST ST TO BARKER ST)	-	872	-	-	-	-
0030	2A	82+50	-	90+00	RT	STH 33 (EAST ST TO BARKER ST)	-	974	-	-	-	-
0030	2B	90+00	-	96+00	LT	STH 33 (BARKER ST TO CAMP ST)	-	771	-	-	-	-
0030	2B	90+00	-	96+00	RT	STH 33 (BARKER ST TO CAMP ST)	-	403	-	-	-	-
0030	2B	96+00	-	109+25	LT	STH 33 (CAMP ST TO JEFFERSON ST)	-	677	-	-	-	-
0030	2B	96+00	-	109+25	RT	STH 33 (CAMP ST TO JEFFERSON ST)	-	868	-	-	-	-
0030	2A	109+25	-	120+75	LT	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	-	820	-	-	-	-
0030	2A	109+25	-	120+75	RT	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	-	1,160	-	-	-	-
0030	2A	120+75	-	129+00	LT	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	-	409	-	-	-	-
0030	2A	120+75	-	129+00	RT	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	-	67	-	-	-	-
0030	1	129+00	-	134+22.35	RT	STH 33 (LINCOLN AVE TO TAFT AVE)	-	117	-	-	-	-
						PROJECT 5090-05-71 CATEGORY 0030 SUBTOTALS:	**0**	**14,942**	**0**	**0**	**0**	**0**
						PROJECT 5090-05-71 TOTALS:	**16**	**35,133**	**1,262**	**24**	**127**	**1**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE MEDIAN

CATEGORY	STAGE	STA	TO	STA	O/S	ROADWAY	* 620.0300 SLOPED NOSE SF	COMMENTS
0010	3B	52+64	-	52+87	LT/RT	STH 33 (REFUGE ISLAND)	68	TYPE 1
0010	3B	66+36	-	66+52	RT	STH 33 (REFUGE ISLAND)	5	TYPE 2
0010	2B	96+27	-	96+50	LT/RT	STH 33 (REFUGE ISLAND)	68	TYPE 1
0010	2B	100+44	-	100+63	LT/RT	STH 33 (REFUGE ISLAND)	68	TYPE 1
						PROJECT 5090-05-71 CATEGORY 0010 SUBTOTALS:	**209**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

RIPRAP MEDIUM & GEOTEXTILE FABRIC

CATEGORY	STAGE	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0130 GEOTEXTILE FABRIC TYPE R SY
0010	1	134+22.35	STH 33, LT	2	5
0010	1	134+22.35	STH 33, RT	2	5
			PROJECT 5090-05-71 TOTAL:	**4**	**10**

STORM SEWER PIPE SCHEDULE

	PIPE LOCATION			INVERT			* 608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH	* 608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH	* 608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	* 608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH	* 608.0342 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH	608.2324 SSPRCHE CLASS HE III 24X38	* 520.8000 CONCRETE COLLARS FOR PIPE
CATEGORY	FROM	TO	LOCATION	INLET	DISCHARGE	SLOPE	LF	LF	LF	LF	LF	LF	LF	LF	EACH
0010	2.1	2.0	STH 33	851.76	851.55	2.00%	15	-	-	-	-	-	-	-	-
0010	3.0	BOX CULVERT	STH 33	842.33	841.75	3.25%	-	-	-	-	-	22	-	-	1
0010	3.1	3.0	STH 33	851.83	847.52	3.25%	-	-	-	-	-	140	-	-	-
0010	3.2	3.1	STH 33	857.19	852.03	3.25%	-	-	-	-	-	165	-	-	-
0010	3.3	3.2	STH 33	859.88	857.38	3.00%	-	-	-	-	-	90	-	-	-
0010	3.4	3.3	STH 33	865.78	860.59	2.77%	-	-	-	-	194	-	-	-	-
0010	3.5	3.4	STH 33	872.34	865.95	2.90%	-	-	-	-	227	-	-	-	-
0010	3.6	3.5	STH 33	878.98	872.52	3.00%	-	-	-	-	221	-	-	-	-
0010	3.7	3.6	STH 33	884.20	879.16	3.00%	-	-	-	-	174	-	-	-	-
0010	3.8A	3.7	STH 33	890.00	884.37	2.82%	-	-	-	-	206	-	-	-	-
0010	3.8B	3.8A	STH 33	891.96	890.16	2.82%	-	-	-	-	69	-	-	-	-
0010	3.9	3.8B	STH 33	893.51	892.07	0.86%	-	-	-	-	175	-	-	-	-
0010	3.10	3.9	STH 33	896.17	894.07	1.13%	-	-	-	191	-	-	-	-	-
0010	3.11	3.10	PARK STREET	896.53	896.22	0.62%	-	-	-	56	-	-	-	-	-
0010	3.12	3.1	STH 33	856.61	856.05	4.00%	19	-	-	-	-	-	-	-	-
0010	3.13	3.2	STH 33	861.09	860.41	4.00%	21	-	-	-	-	-	-	-	-
0010	3.14	3.15	STH 33	861.68	861.47	2.08%	-	-	-	15	-	-	-	-	-
0010	3.15	3.3	STH 33	861.37	861.06	2.00%	-	-	-	21	-	-	-	-	-
0010	3.17	3.16	STH 33	862.59	862.45	2.08%	10	-	-	-	-	-	-	-	-
0010	3.16	3.3	STH 33	862.39	862.06	2.00%	22	-	-	-	-	-	-	-	-
0010	3.18	3.4	STH 33	868.97	867.60	8.00%	21	-	-	-	-	-	-	-	-
0010	3.19	3.4	STH 33	867.76	867.42	2.00%	22	-	-	-	-	-	-	-	-
0010	3.20	3.21	STH 33	877.81	875.85	4.00%	52	-	-	-	-	-	-	-	-
0010	3.21	3.5	STH 33	875.73	875.05	4.00%	22	-	-	-	-	-	-	-	-
0010	3.22	3.5	STH 33	875.73	875.05	4.00%	21	-	-	-	-	-	-	-	-
0010	3.23	3.6	STH 33	881.37	880.69	4.00%	21	-	-	-	-	-	-	-	-
0010	3.24	3.7	STH 33	886.62	885.91	4.03%	22	-	-	-	-	-	-	-	-
0010	3.25	3.7	STH 33	886.60	885.91	4.01%	22	-	-	-	-	-	-	-	-
0010	3.27	3.26	DRAPER STREET	895.21	894.38	2.00%	45	-	-	-	-	-	-	-	-
0010	3.26	3.8A	DRAPER STREET	894.30	892.69	3.83%	46	-	-	-	-	-	-	-	-
0010	3.28	3.88	STH 33	895.59	894.66	4.00%	28	-	-	-	-	-	-	-	-
0010	3.29	3.88	STH 33	895.15	894.66	4.00%	17	-	-	-	-	-	-	-	-
0010	3.30	3.9	STH 33	897.09	896.16	4.00%	28	-	-	-	-	-	-	-	-
0010	3.31	3.9	STH 33	896.65	896.16	4.00%	17	-	-	-	-	-	-	-	-
0010	3.32	3.11	PARK STREET	898.55	897.69	4.02%	27	-	-	-	-	-	-	-	-
0010	3.33	3.11	PARK STREET	897.79	897.70	4.06%	7	-	-	-	-	-	-	-	-
0010	3.34	3.35	STH 33	898.30	897.89	1.00%	43	-	-	-	-	-	-	-	-
0010	3.35	3.36	STH 33	897.87	897.60	1.02%	31	-	-	-	-	-	-	-	-
0010	3.36	3.10	PARK STREET	896.52	896.23	1.02%	-	-	-	35	-	-	-	-	-
0010	3.37	3.36	PARK STREET	898.2	897.63	2.00%	34	-	-	-	-	-	-	-	-
0010	4.6	4.5	STH 33	892.06	886.59	7.00%	-	-	-	85	-	-	-	-	-
0010	4.5	4.4	STH 33	886.05	877.45	6.00%	-	-	-	150	-	-	-	-	-
0010	4.4	4.3	STH 33	877.26	874.66	1.69%	-	-	-	160	-	-	-	-	-
0010	4.3	4.2	STH 33	874.56	874.09	1.00%	-	-	-	-	55	-	-	-	-
0010	4.2	4.1	STH 33	873.98	873.00	1.83%	-	-	-	-	60	-	-	-	-
0010	4.1	4.0	STH 33	872.92	872.74	0.96%	-	-	-	-	25	-	-	-	-
0010	4.8	4.6	STH 33	893.37	893.28	2.00%	8	-	-	-	-	-	-	-	-
0010	4.7	4.6	STH 33	893.89	893.28	2.00%	34	-	-	-	-	-	-	-	-
0010	4.10	4.5	SUMMIT STREET	889.51	887.55	6.00%	38	-	-	-	-	-	-	-	-
0010	4.9	4.5	SUMMIT STREET	889.98	887.47	4.01%	68	-	-	-	-	-	-	-	-

STORM SEWER PIPE SCHEDULE CONTINUED

	PIPE LOCATION			INVERT			* 608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III	* 608.0315	* 608.0318	* 608.0324	608.0330	608.0336	* 608.0342	608.2324 SSPRCHE CLASS HE III	* 520.8000 CONCRETE COLLARS FOR PIPE
							12-INCH	15-INCH	18-INCH	24-INCH	30-INCH	36-INCH	42-INCH	24X38	
CATEGORY	FROM	TO	LOCATION	INLET	DISCHARGE	SLOPE	LF	LF	LF						EACH
0010	4.11	4.4	STH 33	878.96	878.35	2.00%	35	-	-	-	-	-	-	-	-
0010	4.12	4.4	STH 33	878.44	878.35	2.00%	9	-	-	-	-	-	-	-	-
0010	4.15	4.3	STH 33	875.74	875.67	2.00%	8	-	-	-	-	-	-	-	-
0010	4.13	4.14	STH 33	876.62	876.34	2.00%	17	-	-	-	-	-	-	-	-
0010	4.14	4.3	STH 33	876.28	875.67	2.02%	35	-	-	-	-	-	-	-	-
0010	4.16	4.17	WOOD STREET	876.41	876.27	2.00%	10	-	-	-	-	-	-	-	-
0010	4.17	4.18	WOOD STREET	876.21	875.84	2.01%	22	-	-	-	-	-	-	-	-
0010	4.18	4.2	WOOD STREET	875.26	874.59	1.24%	-	-	59	-	-	-	-	-	-
0010	4.19	4.18	WOOD STREET	876.00	875.84	2.04%	12	-	-	-	-	-	-	-	-
0010	4.20	4.1	STH 33	875.14	874.51	2.00%	36	-	-	-	-	-	-	-	-
0010	4.22	4.21	STH 33	875.91	875.59	2.00%	19	-	-	-	-	-	-	-	-
0010	4.21	4.23	STH 33	875.03	874.26	2.00%	-	-	43	-	-	-	-	-	-
0010	4.23	4.0	STH 33	873.68	872.74	0.75%	-	-	-	133	-	-	-	-	-
0010	4.25	4.24	STH 33	876.56	875.10	1.50%	100	-	-	-	-	-	-	-	-
0010	4.24	4.23	STH 33	875.05	874.76	2.00%	19	-	-	-	-	-	-	-	-
0010	5.2	5.1	WEST STREET	881.04	880.30	2.48%	33	-	-	-	-	-	-	-	-
0010	5.1	5.0	WEST STREET	880.20	877.94	4.00%	61	-	-	-	-	-	-	-	-
0010	5.5	5.4	STH 33	881.05	880.72	2.02%	19	-	-	-	-	-	-	-	-
0010	5.4	5.3	STH 33	880.15	878.99	3.00%	-	-	43	-	-	-	-	-	-
0010	5.7	5.6	STH 33	884.55	879.74	3.00%	163	-	-	-	-	-	-	-	-
0010	5.6	5.3	STH 33	879.66	879.49	3.00%	10	-	-	-	-	-	-	-	-
0010	5.3	5.0	STH 33	878.81	877.41	3.01%	-	-	53	-	-	-	-	-	-
0010	6.3	6.2	BIRCH STREET	903.30	902.58	10.00%	10	-	-	-	-	-	-	-	-
0010	6.2	6.1	BIRCH STREET	902.26	900.31	12.63%	19	-	-	-	-	-	-	-	-
0010	6.1	6.0	BIRCH STREET	899.27	895.85	5.09%	-	-	72	-	-	-	-	-	-
0010	6.5	6.4	BIRCH STREET	903.71	903.13	8.00%	10	-	-	-	-	-	-	-	-
0010	6.4	6.2	BIRCH STREET	902.99	902.47	2.00%	29	-	-	-	-	-	-	-	-
0010	6.7	6.6	STH 33	900.47	900.27	0.51%	43	-	-	-	-	-	-	-	-
0010	6.6	6.1	STH 33	900.25	900.02	1.01%	26	-	-	-	-	-	-	-	-
0010	7.3	7.2	STH 33	893.53	887.09	6.00%	110	-	-	-	-	-	-	-	-
0010	7.2	7.1	STH 33	886.93	885.29	6.00%	31	-	-	-	-	-	-	-	-
0010	7.1	7.0	STH 33	884.76	881.98	6.00%	-	51	-	-	-	-	-	-	-
0010	7.4	7.1	STH 33	888.44	885.30	6.00%	56	-	-	-	-	-	-	-	-
0010	8.2	8.1	STH 33	884.00	882.29	1.00%	175	-	-	-	-	-	-	-	-
0010	8.1	8.0	STH 33	881.70	880.57	2.01%	-	-	62	-	-	-	-	-	-
0010	8.6	8.0	STH 33	880.59	879.04	1.00%	-	-	-	161	-	-	-	-	-
0010	8.7	8.6	STH 33	883.07	880.68	1.94%	-	-	-	129	-	-	-	-	-
0010	8.8	8.7	STH 33	888.47	883.20	3.14%	-	-	-	175	-	-	-	-	-
0010	8.9A	8.8	ASH STREET	890.37	889.69	1.41%	55	-	-	-	-	-	-	-	-
0010	8.9B	8.9A	ASH STREET	890.49	890.41	1.41%	9	-	-	-	-	-	-	-	-
0010	8.10	8.9B	ASH STREET	890.84	890.52	1.00%	34	-	-	-	-	-	-	-	-
0010	8.3	8.1	STH 33	883.93	882.38	4.01%	43	-	-	-	-	-	-	-	-
0010	8.5	8.4	OAK STREET	884.22	883.33	3.00%	34	-	-	-	-	-	-	-	-
0010	8.4	8.0	OAK STREET	880.17	879.08	2.21%	-	-	-	56	-	-	-	-	-
0010	8.12	8.11	STH 33	882.34	881.86	2.03%	-	-	29	-	-	-	-	-	-
0010	8.11	8.6	STH 33	881.76	881.18	2.00%	-	-	35	-	-	-	-	-	-
0010	8.13	8.6	STH 33	881.76	881.68	2.00%	8	-	-	-	-	-	-	-	-
0010	8.14	8.13	STH 33	882.34	881.82	2.03%	29	-	-	-	-	-	-	-	-
0010	8.16	8.15	ASH STREET	890.24	889.91	1.00%	35	-	-	-	-	-	-	-	-
0010	8.15	8.8	ASH STREET	889.89	889.67	1.00%	28	-	-	-	-	-	-	-	-
0010	8.17	8.8	STH 33	890.03	889.67	1.01%	41	-	-	-	-	-	-	-	-
0010	9.1	9.0	EAST STREET	876.87	875.99	1.25%	-	-	-	-	-	-	77	-	-
0010	9.4	9.3	STH 33	881.60	879.52	2.00%	107	-	-	-	-	-	-	-	-
0010	9.3	9.2	STH 33	879.46	878.68	2.00%	43	-	-	-	-	-	-	-	-
0010	9.2	9.0	STH 33	878.08	877.52	2.01%	-	-	34	-	-	-	-	-	-

STORM SEWER PIPE SCHEDULE CONTINUED

	PIPE LOCATION			INVERT			* 608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III	* 608.0315	* 608.0318	* 608.0324	608.0330	608.0336	* 608.0342	608.2324 SSPRCHE CLASS HE III	* 520.8000 CONCRETE COLLARS FOR PIPE
							12-INCH	15-INCH	18-INCH	24-INCH	30-INCH	36-INCH	42-INCH	24X38	
CATEGORY	FROM	TO	LOCATION	INLET	DISCHARGE	SLOPE	LF	LF	LF						EACH
0010	9.5	9.1	EAST STREET	879.13	878.98	2.02%	12	-	-	-	-	-	-	-	-
0010	9.6	9.1	EAST STREET	879.34	878.98	2.02%	23	-	-	-	-	-	-	-	-
0010	9.7	9.1	EAST STREET	879.64	879.4	2.00%	15	-	-	-	-	-	-	-	-
0010	10.4	10.3	STH 33	876.59	875.66	0.50%	-	-	-	191	-	-	-	-	-
0010	10.3	10.2	STH 33	875.62	874.36	0.50%	-	-	-	-	260	-	-	-	-
0010	10.2	10.1	STH 33	874.32	874.06	0.51%	-	-	-	-	59	-	-	-	-
0010	10.1	10.0	STH 33	874.02	873.29	0.50%	-	-	-	-	-	155	-	-	-
0010	10.5	10.4	STH 33	878.26	877.65	2.00%	35	-	-	-	-	-	-	-	-
0010	10.6	10.4	STH 33	877.74	877.65	2.00%	9	-	-	-	-	-	-	-	-
0010	10.8	10.7	STH 33	877.28	877.04	2.00%	16	-	-	-	-	-	-	-	-
0010	10.10	10.9	WARREN STREET	877.65	877.32	1.00%	35	-	-	-	-	-	-	-	-
0010	10.9	10.7	WARREN STREET	877.30	877.01	1.01%	32	-	-	-	-	-	-	-	-
0010	10.7	10.3	STH 33	875.97	875.68	1.01%	-	-	-	34	-	-	-	-	-
0010	10.11	10.3	STH 33	876.78	876.71	2.00%	9	-	-	-	-	-	-	-	-
0010	10.13	10.12	STH 33	876.29	876.05	1.02%	26	-	-	-	-	-	-	-	-
0010	10.12	10.2	STH 33	874.98	874.41	2.00%	-	-	-	34	-	-	-	-	-
0010	10.14	10.2	STH 33	874.98	874.91	2.00%	-	-	8	-	-	-	-	-	-
0010	10.15	10.14	STH 33	875.77	875.52	1.02%	26	-	-	-	-	-	-	-	-
0010	10.16	10.12	STH 33	876.48	876.08	2.03%	24	-	-	-	-	-	-	-	-
0010	10.17	10.14	STH 33	875.74	875.52	1.02%	24	-	-	-	-	-	-	-	-
0010	10.21	10.20	BARKER STREET	879.01	878.37	2.01%	35	-	-	-	-	-	-	-	-
0010	10.20	10.19	BARKER STREET	878.30	877.99	3.05%	13	-	-	-	-	-	-	-	-
0010	10.19	10.18	BARKER STREET	877.91	877.21	3.02%	26	-	-	-	-	-	-	-	-
0010	10.18	10.0	STH 33	877.11	875.44	4.00%	48	-	-	-	-	-	-	-	-
0010	10.22	10.0	STH 33	877.75	875.44	4.01%	63	-	-	-	-	-	-	-	-
0010	11.4	11.3	ELIZABETH STREET	877.67	877.53	2.00%	10	-	-	-	-	-	-	-	-
0010	11.3	11.2	ELIZABETH STREET	877.47	877.31	2.05%	13	-	-	-	-	-	-	-	-
0010	11.2	11.1	ELIZABETH STREET	876.18	875.33	1.78%	-	-	-	-	-	54	-	-	-
0010	11.1	11.0	ELIZABETH STREET	875.21	874.61	1.77%	-	-	-	-	-	41	-	-	-
0010	11.6	11.5	STH 33	878.37	877.96	1.02%	43	-	-	-	-	-	-	-	-
0010	11.5	11.1	STH 33	877.39	876.84	2.00%	-	-	34	-	-	-	-	-	-
0010	11.12	11.11	STH 33	878.62	878.39	1.00%	25	-	-	-	-	-	-	-	-
0010	11.11	11.10	STH 33	877.87	877.48	1.00%	-	-	43	-	-	-	-	-	-
0010	11.10	11.1	STH 33	877.42	876.81	1.00%	-	-	68	-	-	-	-	-	-
0010	11.8	11.7	ELIZABETH STREET	877.92	877.71	2.00%	14	-	-	-	-	-	-	-	-
0010	11.7	11.2	ELIZABETH STREET	877.65	877.31	2.02%	22	-	-	-	-	-	-	-	-
0010	11.9	11.0	ELIZABETH STREET	877.01	876.62	2.00%	25	-	-	-	-	-	-	-	-
0010	11.13	11.10	STH 33	878.19	877.98	1.00%	25	-	-	-	-	-	-	-	-
0010	12.4	12.3	STH 33	888.52	887.86	2.02%	38	-	-	-	-	-	-	-	-
0010	12.3	12.2	STH 33	886.72	884.17	2.00%	-	-	-	134	-	-	-	-	-
0010	12.2	12.1	STH 33	884.02	879.67	3.00%	-	-	-	151	-	-	-	-	-
0010	12.1	12.0	STH 33	879.49	878.65	3.00%	-	-	-	34	-	-	-	-	-
0010	12.5	12.0	STH 33	880.89	879.68	4.00%	35	-	-	-	-	-	-	-	-
0010	12.6	12.1	STH 33	881.01	880.76	6.00%	8	-	-	-	-	-	-	-	-
0010	12.7	12.2	STH 33	885.77	885.17	2.00%	34	-	-	-	-	-	-	-	-
0010	12.8	12.2	STH 33	885.39	885.23	4.00%	8	-	-	-	-	-	-	-	-
0010	12.10	12.9	STH 33	891.17	888.34	3.00%	97	-	-	-	-	-	-	-	-
0010	12.9	12.3	STH 33	888.22	888.01	6.00%	8	-	-	-	-	-	-	-	-
0010	12.12	12.11	STH 33	890.56	889.84	4.02%	21	-	-	-	-	-	-	-	-
0010	12.11	12.3	STH 33	889.72	887.93	4.01%	50	-	-	-	-	-	-	-	-

STORM SEWER PIPE SCHEDULE CONTINUED

	PIPE LOCATION			INVERT			* 608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH	* 608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH	* 608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	* 608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH	* 608.0342 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH	* 608.2324 SSPRCHE CLASS HE III 24X38	* 520.8000 CONCRETE COLLARS FOR PIPE
CATEGORY	FROM	TO	LOCATION	INLET	DISCHARGE	SLOPE	LF	LF	LF						EACH
0010	12.13	12.11	TUTTLE STREET	890.64	889.84	4.00%	23	-	-	-	-	-	-	-	-
0010	13.9	13.8	STH 33	888.33	886.48	1.00%	-	-	-	190	-	-	-	-	-
0010	13.8	13.7	STH 33	886.42	884.58	1.00%	-	-	-	190	-	-	-	-	-
0010	13.7	13.6	STH 33	884.52	883.92	0.90%	-	-	-	73	-	-	-	-	-
0010	13.6	13.5	STH 33	883.36	882.94	0.90%	-	-	-	-	53	-	-	-	-
0010	13.5	13.4	STH 33	882.89	880.30	0.90%	-	-	-	-	294	-	-	-	-
0010	13.4	13.3	STH 33	880.23	878.08	1.49%	-	-	-	-	150	-	-	-	-
0010	13.3	13.2	STH 33	877.98	875.10	2.00%	-	-	-	-	150	-	-	-	-
0010	13.2	13.1	STH 33	874.97	871.20	2.25%	-	-	-	-	174	-	-	-	-
0010	13.1	13.0	STH 33	870.54	869.97	2.21%	-	-	-	-	-	34	-	-	-
0010	13.11	13.10	STH 33	890.78	890.05	1.00%	75	-	-	-	-	-	-	-	-
0010	13.10	13.9	STH 33	890.01	889.40	2.00%	35	-	-	-	-	-	-	-	-
0010	13.12	13.9	STH 33	889.49	889.40	2.00%	8	-	-	-	-	-	-	-	-
0010	13.14	13.13	STH 33	888.98	888.15	1.00%	85	-	-	-	-	-	-	-	-
0010	13.13	13.8	STH 33	887.61	887.01	2.00%	-	-	35	-	-	-	-	-	-
0010	13.15	13.8	STH 33	887.59	887.51	2.00%	8	-	-	-	-	-	-	-	-
0010	13.17	13.16	STH 33	886.98	886.25	1.00%	75	-	-	-	-	-	-	-	-
0010	13.16	13.7	STH 33	885.71	885.11	2.00%	-	-	35	-	-	-	-	-	-
0010	13.18	13.7	STH 33	885.69	885.61	2.00%	8	-	-	-	-	-	-	-	-
0010	13.21	13.20	JEFFERSON STREET	886.30	886.06	1.01%	29	-	-	-	-	-	-	-	-
0010	13.20	13.19	STH 33	885.45	885.10	2.02%	-	-	23	-	-	-	-	-	-
0010	13.19	13.6	STH 33	885.00	884.45	2.00%	-	-	33	-	-	-	-	-	-
0010	13.22	13.6	STH 33	885.03	884.95	2.00%	9	-	-	-	-	-	-	-	-
0010	13.24	13.23B	JEFFERSON STREET	885.69	885.30	2.01%	23	-	-	-	-	-	-	-	-
0010	13.23B	13.23A	JEFFERSON STREET	885.23	885.14	2.01%	8	-	-	-	-	-	-	-	-
0010	13.23A	13.5	STH 33	885.08	884.48	2.00%	35	-	-	-	-	-	-	-	-
0010	13.25	13.5	STH 33	884.56	884.48	2.00%	8	-	-	-	-	-	-	-	-
0010	13.26	13.4	STH 33	884.42	882.01	8.00%	35	-	-	-	-	-	-	-	-
0010	13.27	13.4	STH 33	882.34	882.01	8.00%	8	-	-	-	-	-	-	-	-
0010	13.28	13.3	STH 33	880.86	879.66	4.00%	35	-	-	-	-	-	-	-	-
0010	13.29	13.3	STH 33	879.82	879.66	4.00%	8	-	-	-	-	-	-	-	-
0010	13.30	13.2	STH 33	877.20	876.60	2.00%	34	-	-	-	-	-	-	-	-
0010	13.31	13.2	STH 33	876.68	876.60	2.00%	9	-	-	-	-	-	-	-	-
0010	13.34	13.33	WASHINGTON STREET	872.88	872.81	1.00%	9	-	-	-	-	-	-	-	-
0010	13.33	13.32	WASHINGTON STREET	872.79	872.48	1.03%	32	-	-	-	-	-	-	-	-
0010	13.32	13.1	STH 33	871.96	871.66	1.01%	-	-	34	-	-	-	-	-	-
0010	13.35	13.1	STH 33	872.26	872.19	2.00%	8	-	-	-	-	-	-	-	-
0010	13.36	13.0	STH 33	870.40	869.99	2.71%	-	-	-	-	-	23	-	-	-
0010	14.5	14.4	WASHINGTON STREET	872.77	872.70	1.00%	9	-	-	-	-	-	-	-	-
0010	14.4	14.3	WASHINGTON STREET	872.68	872.56	1.00%	17	-	-	-	-	-	-	-	-
0010	14.3	14.2	STH 33	871.50	871.46	0.50%	-	-	-	14	-	-	-	-	-
0010	14.2	14.1	STH 33	871.43	871.24	0.67%	-	-	-	34	-	-	-	-	-
0010	14.1	14.0	STH 33	871.19	871.02	1.03%	-	-	-	22	-	-	-	-	-
0010	14.6	14.1	STH 33	872.36	872.28	2.00%	9	-	-	-	-	-	-	-	-
0010	14.8	14.7	STH 33	873.53	873.21	1.01%	34	-	-	-	-	-	-	-	-
0010	14.7	14.1	STH 33	872.18	871.24	0.50%	-	-	-	193	-	-	-	-	-
0010	14.9	14.7	STH 33	873.28	873.21	1.01%	10	-	-	-	-	-	-	-	-
0010	15.4	15.3	STH 33	870.72	869.11	1.00%	-	-	-	165	-	-	-	-	-
0010	15.3	15.2	STH 33	869.06	866.97	1.25%	-	-	-	172	-	-	-	-	-
0010	15.2	15.1	STH 33	866.90	866.56	1.25%	-	-	-	33	-	-	-	-	-

STORM SEWER PIPE SCHEDULE CONTINUED

	PIPE LOCATION			INVERT			* 608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH	* 608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH	* 608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	* 608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH	* 608.0342 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH	* 608.2324 SSPRCHE CLASS HE III 24X38	* 520.8000 CONCRETE COLLARS FOR PIPE
CATEGORY	FROM	TO	LOCATION	INLET	DISCHARGE	SLOPE	LF	LF	LF						EACH
0010	15.1	15.0	STH 33	865.96	865.47	2.02%	-	-	-	-	31	-	-	-	-
0010	15.5	15.4	STH 33	872.40	871.79	2.00%	35	-	-	-	-	-	-	-	-
0010	15.6	15.4	STH 33	871.88	871.79	2.00%	8	-	-	-	-	-	-	-	-
0010	15.7	15.3	STH 33	870.75	870.14	2.00%	34	-	-	-	-	-	-	-	-
0010	15.8	15.3	STH 33	870.23	870.14	2.00%	9	-	-	-	-	-	-	-	-
0010	15.9	15.2	STH 33	868.12	867.50	2.02%	-	-	35	-	-	-	-	-	-
0010	15.10	15.2	STH 33	868.08	868.00	2.00%	8	-	-	-	-	-	-	-	-
0010	15.12	15.11	LINCOLN AVENUE	867.73	867.04	2.00%	-	-	-	41	-	-	-	-	-
0010	15.11	15.1	STH 33	866.92	866.58	2.00%	-	-	-	23	-	-	-	-	-
0010	15.13	15.12	LINCOLN AVENUE	869.33	868.91	4.00%	15	-	-	-	-	-	-	-	-
0010	15.15	15.14	LINCOLN AVENUE	869.83	869.53	2.00%	18	-	-	-	-	-	-	-	-
0010	15.14	15.12	LINCOLN AVENUE	868.97	868.35	2.02%	-	-	35	-	-	-	-	-	-
0010	15.17	15.16	STH 33	868.82	868.04	2.00%	43	-	-	-	-	-	-	-	-
0010	15.16	15.0	STH 33	867.44	866.47	2.00%	-	-	54	-	-	-	-	-	-
0010	16.6	16.5	STH 33	866.92	866.75	1.02%	-	-	21	-	-	-	-	-	-
0010	16.5	16.4	STH 33	866.20	864.91	0.80%	-	-	-	165	-	-	-	-	-
0010	16.4	16.3	STH 33	864.88	864.39	0.41%	-	-	-	123	-	-	-	-	-
0010	16.3	16.2	STH 33	864.37	864.32	0.33%	-	-	-	21	-	-	-	-	-
0010	16.2	16.1	STH 33	864.30	864.26	0.32%	-	-	-	19	-	-	-	-	-
0010	16.1	16.0	STH 33	864.24	864.02	0.31%	-	-	-	78	-	-	-	-	-
0010	16.7	16.4	STH 33	864.99	864.91	0.51%	-	-	21	-	-	-	-	-	-
0010	16.8	16.4	STH 33	866.69	866.01	4.00%	21	-	-	-	-	-	-	-	-
0010	16.9	16.3	STH 33	865.78	865.44	2.00%	21	-	-	-	-	-	-	-	-
0010	16.12	16.11	TAFT AVENUE	865.29	865.21	1.03%	13	-	-	-	-	-	-	-	-
0010	16.11	16.10	TAFT AVENUE	864.64	864.38	0.86%	-	-	-	-	-	-	-	37	-
						PROJECT 5090-05-71 TOTALS:	**4,202**	**51**	**909**	**3,501**	**2,577**	**724**	**77**	**37**	**1**

*ADDITIONAL QUANTITIES ELSEWHERE

**NON BID ITEM. FOR INFORMATION ONLY

NOTES:

1) PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES.

2) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL REINFORCED CONCRETE APRON ENDWALL LOCATIONS. APRON ENDWALLS SHALL BE ITED FOR THE LAST THREE JOINTS AT PIPE ENDS. THE COST OF THESE TIES SHALL BE INCLUDED IN THE CONTRACTOR UNIT PRICE FOR THE REINFORCED CONCRETE STORM SEWER PIPE.

STORM SEWER STRUCTURE SCHEDULE

CATEGORY	STRUCTURE NUMBER	(1) STATION	FT	(1) OFFSET LOCATION	CASTING HEIGHT INCHES	TOP SLAB THICKNESS INCHES	ADJUSTING RINGS HEIGHT INCHES	RIM ELEVATION	(2) TOP OF STRUCTURE ELEVATION	BOTTOM OF STRUCTURE ELEVATION	(3) DEPTH OF STRUCTURE FT	* 611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.2003 MANHOLES 3-FT DIAMETER EACH	* 611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	* 611.2007 MANHOLES 7-FT DIAMETER EACH	* 611.2008 MANHOLES 8-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	* 611.3230 INLETS 2x3-FT EACH
0010	2.0	24+85.50	21.5' RT	STH 33	6.00	6.00	6.00	857.49	856.49	847.74	8.75	-	-	-	-	-	-	-	-	-	1	-
0010	2.1	25+00.00	21.5' RT	STH 33	6.00	0.00	6.00	857.75	856.75	851.59	5.16	-	-	-	-	-	-	-	-	-	-	1
0010	3.0	24+35.00	3.0' LT	STH 33	8.875	8.00	6.00	856.96	855.72	841.99	13.73	-	-	-	-	-	-	1	-	-	-	-
0010	3.1	25+75.00	3.0' LT	STH 33	8.875	8.00	6.00	860.01	858.77	851.49	7.28	-	-	-	-	1	-	-	-	-	-	-
0010	3.2	27+40.00	0.0'	STH 33	8.875	8.00	6.00	864.74	863.50	856.85	6.65	-	-	-	-	1	-	-	-	-	-	-
0010	3.3	28+30.00	0.0'	STH 33	8.875	8.00	6.00	866.90	865.66	859.54	6.12	-	-	-	-	-	1	-	-	-	-	-
0010	3.4	30+25.00	0.0'	STH 33	8.875	8.00	6.00	871.51	870.27	865.48	4.79	-	-	-	-	1	-	-	-	-	-	-
0010	3.5	32+53.00	0.0'	STH 33	8.875	8.00	6.00	879.83	878.59	872.04	6.55	-	-	-	-	1	-	-	-	-	-	-
0010	3.6	34+75.00	0.0'	STH 33	8.875	8.00	6.00	885.56	884.32	878.68	5.64	-	-	-	-	1	-	-	-	-	-	-
0010	3.7	36+50.00	0.0'	STH 33	8.875	8.00	6.00	890.68	889.44	883.90	5.54	-	-	-	-	1	-	-	-	-	-	-
0010	3.8A	38+55.50	4.2' RT	STH 33	8.875	8.00	6.00	897.36	896.12	889.70	6.42	-	-	-	-	1	-	-	-	-	-	-
0010	3.8B	39+25.00	5.5' RT	STH 33	8.875	8.00	6.00	899.22	897.98	891.66	6.32	-	-	-	-	1	-	-	-	-	-	-
0010	3.9	41+00.00	5.5' RT	STH 33	8.875	8.00	6.00	901.07	899.83	893.21	6.62	-	-	-	-	1	-	-	-	-	-	-
0010	3.10	42+91.00	5.5' RT	STH 33	8.875	8.00	6.00	901.91	900.67	895.92	4.75	-	-	-	-	1	-	-	-	-	-	-
0010	3.11	10+50.70 'P'	10.6' RT	PARK STREET	8.875	8.00	6.00	901.98	900.74	896.28	4.46	-	-	-	-	-	1	-	-	-	-	-
0010	3.12	25+75.00	21.5' LT	STH 33	6.00	0.00	6.00	860.29	859.29	856.44	2.85	-	-	-	-	-	-	-	-	-	-	1
0010	3.13	27+40.00	21.5' LT	STH 33	6.00	0.00	6.00	865.32	864.32	860.92	3.40	-	-	-	-	-	-	-	-	-	-	1
0010	3.14	28+43.57	26.2' LT	STH 33	8.875	6.00	6.00	868.10	866.86	861.43	5.43	-	-	-	1	-	-	-	-	-	-	-
0010	3.15	28+30.00	21.5' LT	STH 33	6.00	6.00	6.00	867.61	866.61	861.12	5.49	-	-	-	-	-	-	-	-	-	1	-
0010	3.16	28+30.00	21.5' RT	STH 33	6.00	0.00	6.00	866.07	865.07	862.22	2.85	-	-	-	-	-	-	-	-	-	-	1
0010	3.17	28+40.00	21.5' RT	STH 33	6.00	0.00	6.00	866.24	865.24	862.41	2.83	-	-	-	-	-	-	-	-	-	-	1
0010	3.18	30+25.00	21.5' LT	STH 33	6.00	0.00	6.00	872.25	871.25	868.80	2.45	-	-	-	-	-	-	-	-	-	-	1
0010	3.19	30+25.00	21.5' RT	STH 33	6.00	0.00	6.00	870.65	869.65	867.59	2.06	-	-	-	-	-	-	-	-	-	-	1
0010	3.20	33+05.00	21.5' LT	STH 33	6.00	0.00	6.00	881.20	880.20	877.62	2.58	-	-	-	-	-	-	-	-	-	-	1
0010	3.21	32+53.00	21.5' LT	STH 33	6.00	0.00	6.00	880.14	879.14	875.54	3.60	-	-	-	-	-	-	-	-	-	-	1
0010	3.22	32+53.00	21.5' RT	STH 33	6.00	0.00	6.00	879.40	878.40	875.56	2.84	-	-	-	-	-	-	-	-	-	-	1
0010	3.23	34+75.00	21.5' LT	STH 33	6.00	0.00	6.00	885.12	884.12	881.20	2.92	-	-	-	-	-	-	-	-	-	-	1
0010	3.24	36+55.00	21.5' LT	STH 33	6.00	0.00	6.00	890.44	889.44	886.45	2.99	-	-	-	-	-	-	-	-	-	-	1
0010	3.25	36+47.00	21.5' RT	STH 33	6.00	0.00	6.00	890.29	889.29	886.43	2.86	-	-	-	-	-	-	-	-	-	-	1
0010	3.26	10+42.00 'D'	23.5' LT	DRAPER STREET	6.00	0.00	6.00	897.43	896.43	894.13	2.30	-	-	-	-	-	-	-	-	-	-	1
0010	3.27	10+42.00 'D'	21.5' RT	DRAPER STREET	6.00	6.00	6.00	898.51	897.51	895.04	2.47	-	-	-	-	-	-	-	-	1	-	-
0010	3.28	39+25.00	22.5' LT	STH 33	6.00	6.00	6.00	898.82	897.82	895.42	2.40	-	-	-	-	-	-	-	-	1	-	-
0010	3.29	39+25.00	22.5' RT	STH 33	6.00	6.00	6.00	898.93	897.93	894.98	2.95	-	-	-	-	-	-	-	-	1	-	-
0010	3.30	41+00.00	22.5' LT	STH 33	6.00	6.00	6.00	900.66	899.66	896.92	2.74	-	-	-	-	-	-	-	-	1	-	-
0010	3.31	41+00.00	22.5' RT	STH 33	6.00	6.00	6.00	900.78	899.78	896.48	3.30	-	-	-	-	-	-	-	-	1	-	-
0010	3.32	10+50.00 'P'	16.0' LT	PARK STREET	6.00	6.00	6.00	901.89	900.89	898.38	2.51	-	-	-	-	-	-	-	-	1	-	-
0010	3.33	10+47.00 'P'	17.0' RT	PARK STREET	6.00	0.00	6.00	901.78	900.78	897.62	3.16	-	-	-	-	-	-	-	-	-	-	1
0010	3.34	43+22.00	21.5' LT	STH 33	6.00	0.00	6.00	901.88	900.88	898.13	2.75	-	-	-	-	-	-	-	-	-	-	1
0010	3.35	43+22.00	21.5' RT	STH 33	6.00	0.00	6.00	901.74	900.74	897.70	3.04	-	-	-	-	-	-	-	-	-	-	1
0010	3.36	9+60.00 'P'	18.0' RT	PARK STREET	6.00	8.00	6.00	901.72	900.72	896.27	4.45	-	1	-	-	-	-	-	-	-	-	-
0010	3.37	9+58.00 'P'	16.0' LT	PARK STREET	6.00	6.00	6.00	901.46	900.46	898.03	2.43	-	-	-	-	-	-	-	-	1	-	-
0010	4.0	52+98.39	21.5' RT	STH 33	6.00	8.00	6.00	878.48	877.48	872.48	5.00	-	1	-	-	-	-	-	-	-	-	-
0010	4.1	52+75.00	13.0' RT	STH 33	8.875	8.00	6.00	878.77	877.53	872.62	4.91	-	-	-	-	1	-	-	-	-	-	-
0010	4.2	52+15.00	13.0' RT	STH 33	8.875	8.00	6.00	879.01	877.77	873.68	4.09	-	-	-	-	-	1	-	-	-	-	-
0010	4.3	51+60.00	13.0' RT	STH 33	8.875	8.00	6.00	879.22	877.98	874.26	3.72	-	-	-	-	-	1	-	-	-	-	-
0010	4.4	50+00.00	13.0' RT	STH 33	8.875	6.00	6.00	882.55	881.31	877.01	4.30	-	-	-	1	-	-	-	-	-	-	-
0010	4.5	48+50.00	13.0' RT	STH 33	8.875	8.00	6.00	891.63	890.39	885.80	4.59	-	-	-	-	-	-	1	-	-	-	-
0010	4.6	47+65.00	13.0' RT	STH 33	8.875	6.00	6.00	897.19	895.95	891.81	4.14	-	-	-	1	-	-	-	-	-	-	-
0010	4.7	47+65.00	21.5' LT	STH 33	6.00	0.00	6.00	897.07	896.07	893.72	2.35	-	-	-	-	-	-	-	-	-	-	1
0010	4.8	47+65.00	21.5' RT	STH 33	6.00	0.00	6.00	897.06	896.06	893.20	2.86	-	-	-	-	-	-	-	-	-	-	1

STORM SEWER STRUCTURE SCHEDULE CONTINUED

CATEGORY	STRUCTURE NUMBER	(1) STATION	FT	(1) OFFSET LOCATION	CASTING HEIGHT INCHES	TOP SLAB THICKNESS INCHES	ADJUSTING RINGS HEIGHT INCHES	RIM ELEVATION	(2) TOP OF STRUCTURE ELEVATION	BOTTOM OF STRUCTURE ELEVATION	(3) DEPTH OF STRUCTURE FT	* 611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.2003 MANHOLES 3-FT DIAMETER EACH	* 611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	* 611.2007 MANHOLES 7-FT DIAMETER EACH	* 611.2008 MANHOLES 8-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	* 611.3230 INLETS 2x3-FT EACH
0010	4.9	10+50.00 'S'	16.5' RT	SUMMIT STREET	6.00	0.00	6.00	893.27	892.27	889.81	2.46	-	-	-	-	-	-	-	-	-	-	1
0010	4.10	9+58.00 'S'	16.5' RT	SUMMIT STREET	6.00	0.00	6.00	893.34	892.34	889.34	3.00	-	-	-	-	-	-	-	-	-	-	1
0010	4.11	50+00.00	21.5' LT	STH 33	6.00	0.00	6.00	882.63	881.63	878.79	2.84	-	-	-	-	-	-	-	-	-	-	1
0010	4.12	50+00.00	21.5' RT	STH 33	6.00	0.00	6.00	882.35	881.35	878.27	3.08	-	-	-	-	-	-	-	-	-	-	1
0010	4.13	51+50.00	21.5' LT	STH 33	6.00	0.00	6.00	879.34	878.34	876.45	1.89	-	-	-	-	-	-	-	-	-	-	1
0010	4.14	51+67.00	21.5' LT	STH 33	6.00	0.00	6.00	879.28	878.28	876.11	2.17	-	-	-	-	-	-	-	-	-	-	1
0010	4.15	51+60.00	21.5' RT	STH 33	6.00	0.00	6.00	879.02	878.02	875.57	2.45	-	-	-	-	-	-	-	-	-	-	1
0010	4.16	10+55.00 'WO'	16.7' LT	WOOD STREET	6.00	0.00	6.00	880.15	879.15	876.24	2.91	-	-	-	-	-	-	-	-	-	-	1
0010	4.17	10+45.00 'WO'	17.0' LT	WOOD STREET	6.00	0.00	6.00	879.75	878.75	876.04	2.71	-	-	-	-	-	-	-	-	-	-	1
0010	4.18	10+46.33 'WO'	5.3' RT	WOOD STREET	8.875	6.00	6.00	880.03	878.79	875.05	3.74	-	-	-	1	-	-	-	-	-	-	-
0010	4.19	10+45.00 'WO'	17.0' RT	WOOD STREET	6.00	0.00	6.00	879.62	878.62	875.83	2.79	-	-	-	-	-	-	-	-	-	-	1
0010	4.20	52+85.00	21.5' LT	STH 33	6.00	0.00	6.00	878.81	877.81	874.97	2.84	-	-	-	-	-	-	-	-	-	-	1
0010	4.21	54+31.02	21.5' LT	STH 33	6.00	0.00	6.00	878.79	877.79	874.82	2.97	-	-	-	-	-	-	-	-	-	-	1
0010	4.22	54+50.00	21.5' LT	STH 33	6.00	0.00	6.00	878.83	877.83	875.74	2.09	-	-	-	-	-	-	-	-	-	-	1
0010	4.23	54+31.02	21.5' RT	STH 33	6.00	8.00	6.00	877.99	876.99	873.43	3.56	1	-	-	-	-	-	-	-	-	-	-
0010	4.24	54+50.00	21.5' RT	STH 33	6.00	0.00	6.00	878.03	877.03	874.88	2.15	-	-	-	-	-	-	-	-	-	-	1
0010	4.25	55+50.00	21.5' RT	STH 33	6.00	0.00	6.00	879.31	878.31	876.39	1.92	-	-	-	-	-	-	-	-	-	-	1
0010	5.0	56+74.52	13.0' RT	STH 33	8.875	8.00	6.00	882.27	881.03	876.78	4.25	-	-	-	-	-	1	-	-	-	-	-
0010	5.1	10+48.00 'WE'	16.5' LT	WEST STREET	6.00	0.00	6.00	883.67	882.67	880.03	2.64	-	-	-	-	-	-	-	-	-	-	1
0010	5.2	10+48.00 'WE'	16.5' RT	WEST STREET	6.00	0.00	6.00	884.24	883.24	880.87	2.37	-	-	-	-	-	-	-	-	-	-	1
0010	5.3	57+27.00	21.5' RT	STH 33	6.00	8.00	6.00	883.24	882.24	878.60	3.64	1	-	-	-	-	-	-	-	-	-	-
0010	5.4	57+27.00	21.5' LT	STH 33	6.00	0.00	6.00	884.04	883.04	879.94	3.10	-	-	-	-	-	-	-	-	-	-	1
0010	5.5	57+07.95	24.5' LT	STH 33	6.00	0.00	6.00	883.72	882.72	880.88	1.84	-	-	-	-	-	-	-	-	-	-	1
0010	5.6	57+37.00	21.5' RT	STH 33	6.00	0.00	6.00	883.46	882.46	879.49	2.97	-	-	-	-	-	-	-	-	-	-	1
0010	5.7	59+00.00	21.5' RT	STH 33	6.00	0.00	6.00	888.22	887.22	884.38	2.84	-	-	-	-	-	-	-	-	-	-	1
0010	6.0	9+55.00 'BI'	1.5' RT	BIRCH STREET	8.875	6.00	6.00	900.45	899.21	892.40	6.81	-	-	-	1	-	-	-	-	-	-	-
0010	6.1	10+25.68 'BI'	14.4' RT	BIRCH STREET	8.875	6.00	6.00	904.04	902.80	899.06	3.74	-	-	-	1	-	-	-	-	-	-	-
0010	6.2	10+45.00 'BI'	14.5' RT	BIRCH STREET	6.00	0.00	6.00	906.34	905.34	902.09	3.25	-	-	-	-	-	-	-	-	-	-	1
0010	6.3	10+55.00 'BI'	14.5' RT	BIRCH STREET	6.00	0.00	6.00	908.31	907.31	903.13	4.18	-	-	-	-	-	-	-	-	-	-	1
0010	6.4	10+45.00 'BI'	14.5' LT	BIRCH STREET	6.00	0.00	6.00	905.94	904.94	902.82	2.12	-	-	-	-	-	-	-	-	-	-	1
0010	6.5	10+55.00 'BI'	14.6' LT	BIRCH STREET	6.00	0.00	6.00	907.96	906.96	903.54	3.42	-	-	-	-	-	-	-	-	-	-	1
0010	6.6	61+85.00	21.5' LT	STH 33	6.00	0.00	6.00	904.44	903.44	900.08	3.36	-	-	-	-	-	-	-	-	-	-	1
0010	6.7	61+90.00	21.5' RT	STH 33	6.00	0.00	6.00	903.32	902.32	900.31	2.01	-	-	-	-	-	-	-	-	-	-	1
0010	7.0	66+16.69	38.4' RT	STH 33	8.875	6.00	6.00	888.91	887.67	881.58	6.09	-	-	-	1	-	-	-	-	-	-	-
0010	7.1	65+66.00	32.5' RT	STH 33	6.00	6.00	6.00	890.72	889.72	884.57	5.15	-	-	-	-	-	-	-	-	-	1	-
0010	7.2	65+35.00	32.5' RT	STH 33	6.00	0.00	6.00	891.64	890.64	886.76	3.88	-	-	-	-	-	-	-	-	-	-	1
0010	7.3	64+25.00	32.5' RT	STH 33	6.00	0.00	6.00	896.57	895.57	893.36	2.21	-	-	-	-	-	-	-	-	-	-	1
0010	7.4	65+50.00	21.5' LT	STH 33	6.00	0.00	6.00	892.42	891.42	888.27	3.15	-	-	-	-	-	-	-	-	-	-	1
0010	8.0	71+10.93	8.9' RT	STH 33	8.875	8.00	6.00	886.53	885.29	878.74	6.55	-	-	-	-	1	-	-	-	-	-	-
0010	8.1	70+50.00	21.5' RT	STH 33	8.875	8.00	6.00	886.53	885.29	881.49	3.80	1	-	-	-	-	-	-	-	-	-	-
0010	8.2	68+75.00	21.5' RT	STH 33	6.00	0.00	6.00	887.31	886.31	883.83	2.48	-	-	-	-	-	-	-	-	-	-	1
0010	8.3	70+54.00	21.5' LT	STH 33	6.00	0.00	6.00	887.33	886.33	883.76	2.57	-	-	-	-	-	-	-	-	-	-	1
0010	8.4	10+46.59 'O'	17.0' RT	OAK STREET	6.000	8.00	6.00	887.40	886.40	879.92	6.48	1	-	-	-	-	-	-	-	-	-	-
0010	8.5	10+45.00 'O'	17.0' LT	OAK STREET	6.00	0.00	6.00	887.53	886.53	884.05	2.48	-	-	-	-	-	-	-	-	-	-	1
0010	8.6	72+71.40	13.0' RT	STH 33	8.875	8.00	6.00	885.77	884.53	880.34	4.19	-	-	-	-	1	-	-	-	-	-	-
0010	8.7	74+00.00	13.0' RT	STH 33	8.875	6.00	6.00	887.97	886.73	882.82	3.91	-	-	-	1	-	-	-	-	-	-	-
0010	8.8	75+75.00	13.0' RT	STH 33	8.875	8.00	6.00	893.93	892.69	888.22	4.47	-	-	-	-	-	-	-	1	-	-	-
0010	8.9A	10+41.50 'A'	17.0' RT	ASH STREET	6.00	0.00	6.00	893.84	892.84	890.20	2.64	-	-	-	-	-	-	-	-	-	-	1
0010	8.9B	10+50.00 'A'	16.9' RT	ASH STREET	6.00	0.00	6.00	893.94	892.94	890.32	2.62	-	-	-	-	-	-	-	-	-	-	1
0010	8.10	10+50.00 'A'	17.0' LT	ASH STREET	6.00	0.00	6.00	893.76	892.76	890.67	2.09	-	-	-	-	-	-	-	-	-	-	1

3

STORM SEWER STRUCTURE SCHEDULE CONTINUED

CATEGORY	STRUCTURE NUMBER	(1) STATION	FT	(1) OFFSET LOCATION	CASTING HEIGHT INCHES	TOP SLAB THICKNESS INCHES	ADJUSTING RINGS HEIGHT INCHES	RIM ELEVATION	(2) TOP OF STRUCTURE ELEVATION	BOTTOM OF STRUCTURE ELEVATION	(3) DEPTH OF STRUCTURE FT	* 611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.2003 MANHOLES 3-FT DIAMETER EACH	* 611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	* 611.2007 MANHOLES 7-FT DIAMETER EACH	* 611.2008 MANHOLES 8-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	* 611.3230 INLETS 2x3-FT EACH
0010	8.11	72+71.40	21.5' LT	STH 33	6.00	6.00	6.00	885.85	884.85	881.55	3.30	-	-	-	-	-	-	-	-	-	1	-
0010	8.12	73+00.00	21.5' LT	STH 33	6.00	6.00	6.00	885.96	884.96	882.13	2.83	-	-	-	-	-	-	-	-	-	1	-
0010	8.13	72+71.40	21.5' RT	STH 33	6.00	0.00	6.00	885.57	884.57	881.59	2.98	-	-	-	-	-	-	-	-	-	-	1
0010	8.14	73+00.00	21.5' RT	STH 33	6.00	0.00	6.00	885.68	884.68	882.17	2.51	-	-	-	-	-	-	-	-	-	-	1
0010	8.15	9+59.00 'A'	17.5' RT	ASH STREET	6.00	0.00	6.00	893.68	892.68	889.72	2.96	-	-	-	-	-	-	-	-	-	-	1
0010	8.16	9+59.00 'A'	17.5' LT	ASH STREET	6.00	0.00	6.00	893.14	892.14	890.07	2.07	-	-	-	-	-	-	-	-	-	-	1
0010	8.17	75+98.00	21.5' LT	STH 33	6.00	0.00	6.00	893.99	892.99	889.86	3.13	-	-	-	-	-	-	-	-	-	-	1
0010	9.0	9+75.00 'E'	5.8' LT	EAST STREET	8.875	8.00	6.00	882.06	880.82	875.52	5.30	-	-	-	-	-	1	-	-	-	-	-
0010	9.1	10+51.81 'E'	5.2' LT	EAST STREET	8.875	8.00	6.00	882.86	881.62	876.49	5.13	-	-	-	-	-	1	-	-	-	-	-
0010	9.2	79+82.00	21.5' RT	STH 33	6.00	6.00	6.00	882.41	881.41	877.87	3.54	-	-	-	-	-	-	-	-	-	1	-
0010	9.3	79+82.00	21.5' LT	STH 33	6.00	0.00	6.00	882.60	881.60	879.29	2.31	-	-	-	-	-	-	-	-	-	-	1
0010	9.4	78+75.00	21.5' LT	STH 33	6.00	0.00	6.00	885.63	884.63	881.43	3.20	-	-	-	-	-	-	-	-	-	-	1
0010	9.5	10+50.00 'E'	17.5' LT	EAST STREET	6.00	0.00	6.00	882.75	881.75	878.96	2.79	-	-	-	-	-	-	-	-	-	-	1
0010	9.6	10+50.00 'E'	17.5' RT	EAST STREET	6.00	0.00	6.00	882.55	881.55	879.17	2.38	-	-	-	-	-	-	-	-	-	-	1
0010	9.7	10+65.00 'E'	17.6' RT	EAST STREET	6.00	0.00	6.00	882.79	881.79	879.45	2.34	-	-	-	-	-	-	-	-	-	-	1
0010	10.0	89+15.25	13.0' RT	STH 33	8.875	8.00	6.00	881.47	880.23	872.87	7.36	-	-	-	-	-	-	1	-	-	-	-
0010	10.1	87+60.60	13.0' RT	STH 33	4.000	8.00	6.00	879.40	878.57	873.68	4.89	-	-	-	-	-	1	-	-	-	-	-
0010	10.2	87+01.40	13.0' RT	STH 33	8.875	8.00	6.00	879.23	877.99	874.02	3.97	-	-	-	-	-	1	-	-	-	-	-
0010	10.3	84+41.00	13.0' RT	STH 33	8.875	8.00	6.00	880.27	879.03	875.32	3.71	-	-	-	-	-	1	-	-	-	-	-
0010	10.4	82+50.00	13.0' RT	STH 33	8.875	6.00	6.00	881.10	879.86	876.34	3.52	-	-	-	1	-	-	-	-	-	-	-
0010	10.5	82+50.00	21.5' LT	STH 33	6.00	0.00	6.00	881.18	880.18	878.09	2.09	-	-	-	-	-	-	-	-	-	-	1
0010	10.6	82+50.00	21.5' RT	STH 33	6.00	0.00	6.00	880.90	879.90	877.57	2.33	-	-	-	-	-	-	-	-	-	-	1
0010	10.7	84+41.00	21.5' LT	STH 33	6.00	6.00	6.00	880.35	879.35	875.72	3.63	-	-	-	-	-	-	-	-	-	1	-
0010	10.8	84+25.00	21.5' LT	STH 33	6.00	0.00	6.00	880.42	879.42	877.11	2.31	-	-	-	-	-	-	-	-	-	-	1
0010	10.9	10+42.00 'WR'	17.5' LT	WARREN STREET	6.00	0.00	6.00	880.67	879.67	877.13	2.54	-	-	-	-	-	-	-	-	-	-	1
0010	10.10	10+42.00 'WR'	17.5' RT	WARREN STREET	6.00	0.00	6.00	880.60	879.60	877.48	2.12	-	-	-	-	-	-	-	-	-	-	1
0010	10.11	84+41.00	21.5' RT	STH 33	6.00	0.00	6.00	880.07	879.07	876.61	2.46	-	-	-	-	-	-	-	-	-	-	1
0010	10.12	87+01.40	21.5' LT	STH 33	6.00	6.00	6.00	879.31	878.31	874.73	3.58	-	-	-	-	-	-	-	-	-	1	-
0010	10.13	86+75.00	21.5' LT	STH 33	6.00	0.00	6.00	879.35	878.35	876.12	2.23	-	-	-	-	-	-	-	-	-	-	1
0010	10.14	87+01.40	21.5' RT	STH 33	6.00	0.00	6.00	879.03	878.03	874.77	3.26	-	-	-	-	-	-	-	-	-	-	1
0010	10.15	86+75.00	21.5' RT	STH 33	6.00	0.00	6.00	879.07	878.07	875.60	2.47	-	-	-	-	-	-	-	-	-	-	1
0010	10.16	87+25.00	21.5' LT	STH 33	6.00	0.00	6.00	879.34	878.34	876.31	2.03	-	-	-	-	-	-	-	-	-	-	1
0010	10.17	87+25.00	21.5' RT	STH 33	6.00	0.00	6.00	879.06	878.06	875.57	2.49	-	-	-	-	-	-	-	-	-	-	1
0010	10.18	89+48.00	21.5' LT	STH 33	6.00	0.00	6.00	882.22	881.22	876.94	4.28	-	-	-	-	-	-	-	-	-	-	1
0010	10.19	10+37.21 'BA'	17.7' RT	BARKER STREET	6.00	0.00	6.00	882.03	881.03	877.74	3.29	-	-	-	-	-	-	-	-	-	-	1
0010	10.20	10+50.00 'BA'	17.4' RT	BARKER STREET	6.00	0.00	6.00	882.56	881.56	878.13	3.43	-	-	-	-	-	-	-	-	-	-	1
0010	10.21	10+50.00 'BA'	17.4' LT	BARKER STREET	6.00	0.00	6.00	882.44	881.44	878.84	2.60	-	-	-	-	-	-	-	-	-	-	1
0010	10.22	89+78.00	21.5' RT	STH 33	6.00	0.00	6.00	882.54	881.54	877.58	3.96	-	-	-	-	-	-	-	-	-	-	1
0010	11.0	9+46.45 'EL'	4.4' LT	ELIZABETH STREET	8.875	8.00	6.00	880.07	878.83	874.15	4.68	-	-	-	-	-	1	-	-	-	-	-
0010	11.1	9+87.02 'EL'	4.6' LT	ELIZABETH STREET	8.875	8.00	6.00	881.25	880.01	874.87	5.14	-	-	-	-	-	1	-	-	-	-	-
0010	11.2	10+41.50 'EL'	4.8' LT	ELIZABETH STREET	4.000	8.00	6.00	881.42	880.59	875.84	4.75	-	-	-	-	-	1	-	-	-	-	-
0010	11.3	10+45.00 'EL'	17.0' LT	ELIZABETH STREET	6.00	0.00	6.00	881.31	880.31	877.30	3.01	-	-	-	-	-	-	-	-	-	-	1
0010	11.4	10+55.00 'EL'	17.1' LT	ELIZABETH STREET	6.00	0.00	6.00	881.28	880.28	877.50	2.78	-	-	-	-	-	-	-	-	-	-	1
0010	11.5	93+00.00	21.5' RT	STH 33	6.00	6.00	6.00	881.30	880.30	877.18	3.12	-	-	-	-	-	-	-	-	-	1	-
0010	11.6	92+95.00	21.5' LT	STH 33	6.00	0.00	6.00	881.62	880.62	878.20	2.42	-	-	-	-	-	-	-	-	-	-	1
0010	11.7	10+41.50 'EL'	17.0' RT	ELIZABETH STREET	6.00	0.00	6.00	881.29	880.29	877.48	2.81	-	-	-	-	-	-	-	-	-	-	1
0010	11.8	10+55.00 'EL'	17.0' RT	ELIZABETH STREET	6.00	0.00	6.00	881.37	880.37	877.75	2.62	-	-	-	-	-	-	-	-	-	-	1
0010	11.9	9+55.65 'EL'	18.3' RT	ELIZABETH STREET	6.00	0.00	6.00	880.02	879.02	876.84	2.18	-	-	-	-	-	-	-	-	-	-	1
0010	11.10	94+00.00	21.5' RT	STH 33	8.875	8.00	6.00	880.84	879.60	877.21	2.39	1	-	-	-	-	-	-	-	-	-	-
0010	11.11	94+00.00	21.5' LT	STH 33	6.00	0.00	6.00	881.12	880.12	877.66	2.46	-	-	-	-	-	-	-	-	-	-	1

STORM SEWER STRUCTURE SCHEDULE

CATEGORY	STRUCTURE NUMBER	(1) STATION	FT	(1) OFFSET LOCATION	CASTING HEIGHT INCHES	TOP SLAB THICKNESS INCHES	ADJUSTING RINGS HEIGHT INCHES	RIM ELEVATION	(2) TOP OF STRUCTURE ELEVATION	BOTTOM OF STRUCTURE ELEVATION	(3) DEPTH OF STRUCTURE FT	* 611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.2003 MANHOLES 3-FT DIAMETER EACH	* 611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	* 611.2007 MANHOLES 7-FT DIAMETER EACH	* 611.2008 MANHOLES 8-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	* 611.3230 INLETS 2x3-FT EACH
0010	11.12	94+25.00	21.5' LT	STH 33	6.00	0.00	6.00	881.15	880.15	878.45	1.70	-	-	-	-	-	-	-	-	-	-	1
0010	11.13	94+25.00	21.5' RT	STH 33	6.00	0.00	6.00	880.87	879.87	878.02	1.85	-	-	-	-	-	-	-	-	-	-	1
0010	12.0	96+91.04	13.0' RT	STH 33	8.875	8.00	6.00	884.20	882.96	878.33	4.63	-	-	-	-	1	-	-	-	-	-	-
0010	12.1	97+25.00	13.0' RT	STH 33	8.875	8.00	6.00	885.11	883.87	879.24	4.63	-	-	-	-	1	-	-	-	-	-	-
0010	12.2	98+76.00	13.0' RT	STH 33	8.875	8.00	6.00	889.17	887.93	883.77	4.16	-	-	-	-	1	-	-	-	-	-	-
0010	12.3	100+10.00	13.0' RT	STH 33	8.875	8.00	6.00	892.78	891.54	886.47	5.07	-	-	-	-	-	1	-	-	-	-	-
0010	12.4	99+95.00	21.5' LT	STH 33	6.00	0.00	6.00	892.45	891.45	888.35	3.10	-	-	-	-	-	-	-	-	-	-	1
0010	12.5	96+95.00	21.5' LT	STH 33	6.00	0.00	6.00	884.39	883.39	880.72	2.67	-	-	-	-	-	-	-	-	-	-	1
0010	12.6	97+25.00	21.5' RT	STH 33	6.00	0.00	6.00	884.91	883.91	880.84	3.07	-	-	-	-	-	-	-	-	-	-	1
0010	12.7	98+76.00	21.5' LT	STH 33	6.00	0.00	6.00	889.25	888.25	885.60	2.65	-	-	-	-	-	-	-	-	-	-	1
0010	12.8	98+76.00	21.5' RT	STH 33	6.00	0.00	6.00	888.97	887.97	885.22	2.75	-	-	-	-	-	-	-	-	-	-	1
0010	12.9	100+10.00	21.5' RT	STH 33	6.00	0.00	6.00	892.58	891.58	888.05	3.53	-	-	-	-	-	-	-	-	-	-	1
0010	12.10	101+07.00	21.5' RT	STH 33	6.00	0.00	6.00	894.41	893.41	891.00	2.41	-	-	-	-	-	-	-	-	-	-	1
0010	12.11	100+44.16	23.1' LT	STH 33	6.00	0.00	6.00	893.69	892.69	889.55	3.14	-	-	-	-	-	-	-	-	-	-	1
0010	12.12	100+65.00	21.5' LT	STH 33	6.00	0.00	6.00	894.11	893.11	890.39	2.72	-	-	-	-	-	-	-	-	-	-	1
0010	12.13	10+45.00 'TU'	14.6' RT	TUTTLE STREET	6.00	0.00	6.00	894.45	893.45	890.47	2.98	-	-	-	-	-	-	-	-	-	-	1
0010	13.0	116+57.55	13.0' RT	STH 33	8.875	8.00	6.00	875.39	874.15	869.50	4.65	-	-	-	-	-	-	1	-	-	-	-
0010	13.1	116+24.00	13.0' RT	STH 33	8.875	8.00	6.00	875.69	874.45	870.20	4.25	-	-	-	-	-	1	-	-	-	-	-
0010	13.2	114+50.00	13.0' RT	STH 33	8.875	8.00	6.00	880.11	878.87	874.67	4.20	-	-	-	-	1	-	-	-	-	-	-
0010	13.3	113+00.00	13.0' RT	STH 33	8.875	8.00	6.00	884.25	883.01	877.68	5.33	-	-	-	-	1	-	-	-	-	-	-
0010	13.4	111+50.00	13.0' RT	STH 33	8.875	8.00	6.00	888.11	886.87	879.93	6.94	-	-	-	-	1	-	-	-	-	-	-
0010	13.5	108+56.00	13.0' RT	STH 33	8.875	8.00	6.00	888.66	887.42	882.59	4.83	-	-	-	-	1	-	-	-	-	-	-
0010	13.6	108+03.24	13.0' RT	STH 33	8.875	8.00	6.00	888.45	887.21	883.06	4.15	-	-	-	-	1	-	-	-	-	-	-
0010	13.7	107+30.00	13.0' RT	STH 33	8.875	8.00	6.00	888.86	887.62	884.27	3.35	-	-	-	-	1	-	-	-	-	-	-
0010	13.8	105+40.00	13.0' RT	STH 33	8.875	8.00	6.00	890.96	889.72	886.17	3.55	-	-	-	-	1	-	-	-	-	-	-
0010	13.9	103+50.00	13.0' RT	STH 33	8.875	6.00	6.00	893.06	891.82	888.08	3.74	-	-	-	1	-	-	-	-	-	-	-
0010	13.10	103+50.00	21.5' LT	STH 33	6.00	0.00	6.00	893.14	892.14	889.84	2.30	-	-	-	-	-	-	-	-	-	-	1
0010	13.11	102+75.00	21.5' LT	STH 33	6.00	0.00	6.00	893.97	892.97	890.61	2.36	-	-	-	-	-	-	-	-	-	-	1
0010	13.12	103+50.00	21.5' RT	STH 33	6.00	0.00	6.00	892.86	891.86	889.32	2.54	-	-	-	-	-	-	-	-	-	-	1
0010	13.13	105+40.00	21.5' LT	STH 33	6.00	0.00	6.00	891.04	890.04	887.40	2.64	-	-	-	-	-	-	-	-	-	-	1
0010	13.14	104+55.00	21.5' LT	STH 33	6.00	0.00	6.00	891.98	890.98	888.81	2.17	-	-	-	-	-	-	-	-	-	-	1
0010	13.15	105+40.00	21.5' RT	STH 33	6.00	0.00	6.00	890.76	889.76	887.42	2.34	-	-	-	-	-	-	-	-	-	-	1
0010	13.16	107+30.00	21.5' LT	STH 33	6.00	0.00	6.00	888.94	887.94	885.50	2.44	-	-	-	-	-	-	-	-	-	-	1
0010	13.17	106+55.00	21.5' LT	STH 33	6.00	0.00	6.00	889.77	888.77	886.81	1.96	-	-	-	-	-	-	-	-	-	-	1
0010	13.18	107+30.00	21.5' RT	STH 33	6.00	0.00	6.00	888.66	887.66	885.52	2.14	-	-	-	-	-	-	-	-	-	-	1
0010	13.19	108+03.24	20.0' LT	STH 33	8.875	6.00	6.00	888.57	887.33	884.79	2.54	-	-	-	-	-	-	-	-	-	1	-
0010	13.20	107+80.00	21.5' LT	STH 33	6.00	8.00	6.00	888.57	887.57	885.24	2.33	-	1	-	-	-	-	-	-	-	-	-
0010	13.21	10+43.00 'J'	17.5' LT	JEFFERSON STREET	6.00	0.00	6.00	888.73	887.73	886.13	1.60	-	-	-	-	-	-	-	-	-	-	1
0010	13.22	108+03.24	21.5' RT	STH 33	6.00	0.00	6.00	888.25	887.25	884.86	2.39	-	-	-	-	-	-	-	-	-	-	1
0010	13.23A	108+55.50	21.5' LT	STH 33	6.00	0.00	6.00	888.74	887.74	884.91	2.83	-	-	-	-	-	-	-	-	-	-	1
0010	13.23B	108+50.12	26.9' LT	STH 33	8.875	6.00	6.00	888.96	887.72	885.06	2.66	-	-	1	-	-	-	-	-	-	-	-
0010	13.24	10+43.00 'J'	17.5' RT	JEFFERSON STREET	6.00	0.00	6.00	888.86	887.86	885.52	2.34	-	-	-	-	-	-	-	-	-	-	1
0010	13.25	108+56.00	21.5' RT	STH 33	6.00	0.00	6.00	888.46	887.46	884.39	3.07	-	-	-	-	-	-	-	-	-	-	1
0010	13.26	111+50.00	21.5' LT	STH 33	6.00	0.00	6.00	888.19	887.19	884.25	2.94	-	-	-	-	-	-	-	-	-	-	1
0010	13.27	111+50.00	21.5' RT	STH 33	6.00	0.00	6.00	887.91	886.91	882.17	4.74	-	-	-	-	-	-	-	-	-	-	1
0010	13.28	113+00.00	21.5' LT	STH 33	6.00	0.00	6.00	884.33	883.33	880.69	2.64	-	-	-	-	-	-	-	-	-	-	1
0010	13.29	113+00.00	21.5' RT	STH 33	6.00	0.00	6.00	884.05	883.05	879.65	3.40	-	-	-	-	-	-	-	-	-	-	1
0010	13.30	114+50.00	21.5' LT	STH 33	6.00	0.00	6.00	880.19	879.19	877.03	2.16	-	-	-	-	-	-	-	-	-	-	1
0010	13.31	114+50.00	21.5' RT	STH 33	6.00	0.00	6.00	879.91	878.91	876.51	2.40	-	-	-	-	-	-	-	-	-	-	1
0010	13.32	116+24.00	21.5' LT	STH 33	6.00	0.00	6.00	875.77	874.77	871.75	3.02	-	-	-	-	-	-	-	-	-	-	1

STORM SEWER STRUCTURE SCHEDULE CONTINUED

CATEGORY	STRUCTURE NUMBER	(1) STATION		(1) OFFSET LOCATION	CASTING HEIGHT INCHES	TOP SLAB THICKNESS INCHES	ADJUSTING RINGS HEIGHT INCHES	RIM ELEVATION	(2) TOP OF STRUCTURE ELEVATION	BOTTOM OF STRUCTURE ELEVATION	(3) DEPTH OF STRUCTURE FT	* 611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.2003 MANHOLES 3-FT DIAMETER EACH	* 611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	* 611.2007 MANHOLES 7-FT DIAMETER EACH	* 611.2008 MANHOLES 8-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	* 611.3230 INLETS 2x3-FT EACH
0010	13.33	10+41.00 'W'	17.5' LT	WASHINGTON STREET	6.00	0.00	6.00	875.29	874.29	872.62	1.67	-	-	-	-	-	-	-	-	-	-	1
0010	13.34	10+50.00 'W'	17.6' LT	WASHINGTON STREET	6.00	0.00	6.00	875.38	874.38	872.71	1.67	-	-	-	-	-	-	-	-	-	-	1
0010	13.35	116+24.00	21.5' RT	STH 33	6.00	0.00	6.00	875.49	874.49	872.09	2.40	-	-	-	-	-	-	-	-	-	-	1
0010	13.36	116+60.11	10.1' LT	STH 33	8.875	8.00	6.00	875.72	874.48	870.06	4.42	-	-	-	-	-	-	1	-	-	-	-
0010	14.0	116+84.62	13.0' RT	STH 33	8.875	8.00	6.00	875.37	874.13	870.61	3.52	-	-	-	-	1	-	-	-	-	-	-
0010	14.1	117+07.00	13.0' RT	STH 33	8.875	8.00	6.00	875.44	874.20	870.94	3.26	-	-	-	-	1	-	-	-	-	-	-
0010	14.2	117+07.00	21.5' LT	STH 33	6.00	6.00	6.00	875.52	874.52	871.18	3.34	-	-	-	-	-	-	-	-	-	1	-
0010	14.3	117+00.00	33.7' LT	STH 33	8.875	8.00	6.00	875.92	874.68	871.25	3.43	-	-	-	-	-	1	-	-	-	-	-
0010	14.4	10+41.00 'W'	17.5' RT	WASHINGTON STREET	6.00	0.00	6.00	875.28	874.28	872.51	1.77	-	-	-	-	-	-	-	-	-	-	1
0010	14.5	10+50.00 'W'	17.4' RT	WASHINGTON STREET	6.00	0.00	6.00	875.37	874.37	872.60	1.77	-	-	-	-	-	-	-	-	-	-	1
0010	14.6	117+07.00	21.5' RT	STH 33	6.00	0.00	6.00	875.24	874.24	872.19	2.05	-	-	-	-	-	-	-	-	-	-	1
0010	14.7	119+00.00	13.0' RT	STH 33	8.875	6.00	6.00	876.01	874.77	871.93	2.84	-	-	-	1	-	-	-	-	-	-	-
0010	14.8	119+00.00	21.5' LT	STH 33	6.00	0.00	6.00	876.09	875.09	873.36	1.73	-	-	-	-	-	-	-	-	-	-	1
0010	14.9	119+05.00	21.5' RT	STH 33	6.00	0.00	6.00	875.83	874.83	873.11	1.72	-	-	-	-	-	-	-	-	-	-	1
0010	15.0	9+56.76 'L'	5.7' LT	LINCOLN AVENUE	8.875	8.00	6.00	870.58	869.34	865.09	4.25	-	-	-	-	-	1	-	-	-	-	-
0010	15.1	126+45.00	13.0' RT	STH 33	8.875	8.00	6.00	871.71	870.47	865.66	4.81	-	-	-	-	1	-	-	-	-	-	-
0010	15.2	126+12.00	13.0' RT	STH 33	8.875	8.00	6.00	871.95	870.71	866.65	4.06	-	-	-	-	1	-	-	-	-	-	-
0010	15.3	124+40.00	13.0' RT	STH 33	8.875	6.00	6.00	873.93	872.69	868.81	3.88	-	-	-	1	-	-	-	-	-	-	-
0010	15.4	122+75.00	13.0' RT	STH 33	8.875	6.00	6.00	875.77	874.53	870.47	4.06	-	-	-	1	-	-	-	-	-	-	-
0010	15.5	122+75.00	21.5' LT	STH 33	6.00	0.00	6.00	875.85	874.85	872.23	2.62	-	-	-	-	-	-	-	-	-	-	1
0010	15.6	122+75.00	21.5' RT	STH 33	6.00	0.00	6.00	875.57	874.57	871.71	2.86	-	-	-	-	-	-	-	-	-	-	1
0010	15.7	124+40.00	21.5' LT	STH 33	6.00	0.00	6.00	874.01	873.01	870.58	2.43	-	-	-	-	-	-	-	-	-	-	1
0010	15.8	124+40.00	21.5' RT	STH 33	6.00	0.00	6.00	873.73	872.73	870.06	2.67	-	-	-	-	-	-	-	-	-	-	1
0010	15.9	126+19.00	21.5' LT	STH 33	6.00	0.00	6.00	871.97	870.97	867.91	3.06	-	-	-	-	-	-	-	-	-	-	1
0010	15.10	126+12.00	21.5' RT	STH 33	6.00	0.00	6.00	871.75	870.75	867.91	2.84	-	-	-	-	-	-	-	-	-	-	1
0010	15.11	126+45.00	10.0' LT	STH 33	8.875	8.00	6.00	872.05	870.81	866.67	4.14	-	-	-	-	1	-	-	-	-	-	-
0010	15.12	10+50.00 'L'	17.5' LT	LINCOLN AVENUE	6.000	8.00	6.00	872.52	871.52	867.48	4.04	1	-	-	-	-	-	-	-	-	-	-
0010	15.13	10+65.00 'L'	17.5' LT	LINCOLN AVENUE	6.00	0.00	6.00	873.04	872.04	869.16	2.88	-	-	-	-	-	-	-	-	-	-	1
0010	15.14	10+47.00 'L'	17.5' RT	LINCOLN AVENUE	6.00	0.00	6.00	872.32	871.32	868.76	2.56	-	-	-	-	-	-	-	-	-	-	1
0010	15.15	10+65.00 'L'	17.3' RT	LINCOLN AVENUE	6.00	0.00	6.00	872.96	871.96	869.66	2.30	-	-	-	-	-	-	-	-	-	-	1
0010	15.16	127+00.06	21.5' RT	STH 33	6.00	6.00	6.00	871.36	870.36	867.23	3.13	-	-	-	-	-	-	-	-	-	1	-
0010	15.17	127+00.06	21.5' LT	STH 33	6.00	0.00	6.00	871.64	870.64	868.65	1.99	-	-	-	-	-	-	-	-	-	-	1
0010	16.0	10+42.99 'T'	29.9' RT	TAFT AVENUE	6.00	8.00	6.00	868.55	867.55	863.74	3.81	-	1	-	-	-	-	-	-	-	-	-
0010	16.1	132+70.88	32.6' LT	STH 33	8.875	8.00	6.00	868.93	867.69	863.99	3.70	-	-	-	-	-	1	-	-	-	-	-
0010	16.2	132+56.00	21.5' LT	STH 33	6.000	8.00	6.00	869.28	868.28	864.05	4.23	1	-	-	-	-	-	-	-	-	-	-
0010	16.3	132+56.00	0.0'	STH 33	8.875	8.00	6.00	869.46	868.22	864.12	4.10	-	-	-	-	1	-	-	-	-	-	-
0010	16.4	131+33.00	0.0'	STH 33	8.875	8.00	6.00	869.96	868.72	864.63	4.09	-	-	-	-	1	-	-	-	-	-	-
0010	16.5	129+67.50	0.0'	STH 33	8.875	8.00	6.00	872.22	870.98	865.95	5.03	-	-	-	-	1	-	-	-	-	-	-
0010	16.6	129+67.50	21.5' LT	STH 33	6.00	6.00	6.00	872.04	871.04	866.71	4.33	-	-	-	-	-	-	-	-	-	1	-
0010	16.7	131+33.00	21.5' LT	STH 33	6.00	6.00	6.00	869.78	868.78	864.78	4.00	-	-	-	-	-	-	-	-	-	1	-
0010	16.8	131+33.00	21.5' RT	STH 33	6.00	0.00	6.00	869.50	868.50	866.52	1.98	-	-	-	-	-	-	-	-	-	-	1
0010	16.9	132+56.00	21.5' RT	STH 33	6.00	0.00	6.00	869.00	868.00	865.61	2.39	-	-	-	-	-	-	-	-	-	-	1
0010	16.10	10+66.74 'T'	18.1' RT	TAFT AVENUE	6.000	8.00	6.00	868.20	867.20	864.07	3.13	-	1	-	-	-	-	-	-	-	-	-
0010	16.11	10+80.63 'T'	16.5' LT	TAFT AVENUE	6.000	8.00	6.00	868.16	867.16	864.39	2.77	-	1	-	-	-	-	-	-	-	-	-
0010	16.12	10+68.00 'T'	16.5' LT	TAFT AVENUE	6.00	0.00	6.00	868.09	867.09	865.12	1.97	-	-	-	-	-	-	-	-	-	-	1
										PROJECT 5090-05-71 TOTALS:		**7**	**6**	**1**	**13**	**31**	**18**	**5**	**1**	**7**	**14**	**142**

*ADDITIONAL QUANTITIES ELSEWHERE

NOTES:

1) STATIONS AND OFFSETS ARE TO THE CENTER OF THE STRUCTURE OR TO THE END OF PIPE WHERE THERE IS AN ENDWALL.

2) TOP OF STRUCTURE ELEVATION = RIM ELEVATION - CASTING HEIGHT - ADJUSTING RINGS HEIGHT.

3) DEPTH OF STRUCTURE = TOP OF STRUCTURE ELEVATION - BOTTOM OF STRUCTURE ELEVATION.

STORM SEWER STRUCTURE SCHEDULE

CATEGORY	STRUCTURE NUMBER	(1) STATION		(1) OFFSET LOCATION	* 611.0530 MANHOLE COVERS TYPE J EACH	611.0545 MANHOLE COVERS TYPE L EACH	611.0612 INLET COVERS TYPE C EACH	* 611.0624 INLET COVERS TYPE H EACH	611.0666 INLET COVERS TYPE Z EACH	* SPV.0060.91 INLET COVERS TYPE H D EACH	* SPV.0060.95 ADJUSTING MANHOLE COVERS EACH	* 650.4000 CONSTRUCITON STAKING STORM SEWER EACH
0010	2.0	24+85.50	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	2.1	25+00.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	3.0	24+35.00	3.0' LT	STH 33	1	-	-	-	-	-	1	1
0010	3.1	25+75.00	3.0' LT	STH 33	1	-	-	-	-	-	1	1
0010	3.2	27+40.00	0.0'	STH 33	1	-	-	-	-	-	1	1
0010	3.3	28+30.00	0.0'	STH 33	1						1	1
0010	3.4	30+25.00	0.0'	STH 33	1	-	-	-	-	-	1	1
0010	3.5	32+53.00	0.0'	STH 33	1	-	-	-	-	-	1	1
0010	3.6	34+75.00	0.0'	STH 33	1	-	-	-	-	-	1	1
0010	3.7	36+50.00	0.0'	STH 33	1	-	-	-	-	-	1	1
0010	3.8A	38+55.50	4.2' RT	STH 33	1	-	-	-	-	-	1	1
0010	3.8B	39+25.00	5.5' RT	STH 33	1	-	-	-	-	-	1	1
0010	3.9	41+00.00	5.5' RT	STH 33	1	-	-	-	-	-	1	1
0010	3.10	42+91.00	5.5' RT	STH 33	1	-	-	-	-	-	1	1
0010	3.11	10+50.70 'P'	10.6' RT	PARK STREET	1						1	1
0010	3.12	25+75.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	3.13	27+40.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	3.14	28+43.57	26.2' LT	STH 33	1	-	-	-	-	-	-	1
0010	3.15	28+30.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	3.16	28+30.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	3.17	28+40.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	3.18	30+25.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	3.19	30+25.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	3.20	33+05.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	3.21	32+53.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	3.22	32+53.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	3.23	34+75.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	3.24	36+55.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	3.25	36+47.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	3.26	10+42.00 'D'	23.5' LT	DRAPER STREET	-	-	-	1	-	-	-	1
0010	3.27	10+42.00 'D'	21.5' RT	DRAPER STREET					1			1
0010	3.28	39+25.00	22.5' LT	STH 33	-	-	-	-	1	-	-	1
0010	3.29	39+25.00	22.5' RT	STH 33	-	-	-	-	1	-	-	1
0010	3.30	41+00.00	22.5' LT	STH 33	-	-	-	-	1	-	-	1
0010	3.31	41+00.00	22.5' RT	STH 33	-	-	-	-	1	-	-	1
0010	3.32	10+50.00 'P'	16.0' LT	PARK STREET	-	-	-	-	1	-	-	1
0010	3.33	10+47.00 'P'	17.0' RT	PARK STREET	-	-	-	1	-	-	-	1
0010	3.34	43+22.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	3.35	43+22.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	3.36	9+60.00 'P'	18.0' RT	PARK STREET				1				1
0010	3.37	9+58.00 'P'	16.0' LT	PARK STREET	-	-	-	-	1	-	-	1
0010	4.0	52+98.39	21.5' RT	STH 33	-	-	-	1		-	-	1
0010	4.1	52+75.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	4.2	52+15.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	4.3	51+60.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	4.4	50+00.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	4.5	48+50.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	4.6	47+65.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	4.7	47+65.00	21.5' LT	STH 33						1		1
0010	4.8	47+65.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1

STORM SEWER STRUCTURE SCHEDULE (CONTINUED)

CATEGORY	STRUCTURE NUMBER	(1) STATION		(1) OFFSET LOCATION	* 611.0530 MANHOLE COVERS TYPE J EACH	611.0545 MANHOLE COVERS TYPE L EACH	611.0612 INLET COVERS TYPE C EACH	* 611.0624 INLET COVERS TYPE H EACH	611.0666 INLET COVERS TYPE Z EACH	* SPV.0060.91 INLET COVERS TYPE H D EACH	* SPV.0060.95 ADJUSTING MANHOLE COVERS EACH	* 650.4000 CONSTRUCITON STAKING STORM SEWER EACH
0010	4.9	10+50.00 'S'	16.5' RT	SUMMIT STREET				1				1
0010	4.10	9+58.00 'S'	16.5' RT	SUMMIT STREET	-	-	-	1	-	-	-	1
0010	4.11	50+00.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	4.12	50+00.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	4.13	51+50.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	4.14	51+67.00	21.5' LT	STH 33				1				1
0010	4.15	51+60.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	4.16	10+55.00 'WO'	16.7' LT	WOOD STREET	-	-	-	1	-	-	-	1
0010	4.17	10+45.00 'WO'	17.0' LT	WOOD STREET	-	-	-	1	-	-	-	1
0010	4.18	10+46.33 'WO'	5.3' RT	WOOD STREET	1						1	1
0010	4.19	10+45.00 'WO'	17.0' RT	WOOD STREET	-	-	-	1	-	-	-	1
0010	4.20	52+85.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	4.21	54+31.02	21.5' LT	STH 33	-	-	-	-	-	1	-	1
0010	4.22	54+50.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	4.23	54+31.02	21.5' RT	STH 33				1				1
0010	4.24	54+50.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	4.25	55+50.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	5.0	56+74.52	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	5.1	10+48.00 'WE'	16.5' LT	WEST STREET	-	-	-	1	-	-	-	1
0010	5.2	10+48.00 'WE'	16.5' RT	WEST STREET	-	-	-	1	-	-	-	1
0010	5.3	57+27.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	5.4	57+27.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	5.5	57+07.95	24.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	5.6	57+37.00	21.5' RT	STH 33				1				1
0010	5.7	59+00.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	6.0	9+55.00 'BI'	1.5' RT	BIRCH STREET	1	-	-	-	-	-	1	1
0010	6.1	10+25.68 'BI'	14.4' RT	BIRCH STREET	1	-	-	-	-	-	1	1
0010	6.2	10+45.00 'BI'	14.5' RT	BIRCH STREET	-	-	-	1	-	-	-	1
0010	6.3	10+55.00 'BI'	14.5' RT	BIRCH STREET	-	-	-	1	-	-	-	1
0010	6.4	10+45.00 'BI'	14.5' LT	BIRCH STREET	-	-	-	1	-	-	-	1
0010	6.5	10+55.00 'BI'	14.6' LT	BIRCH STREET	-	-	-	1	-	-	-	1
0010	6.6	61+85.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	6.7	61+90.00	21.5' RT	STH 33				1				1
0010	7.0	66+16.69	38.4' RT	STH 33	1	-	-	-	-	-	1	1
0010	7.1	65+66.00	32.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	7.2	65+35.00	32.5' RT	STH 33	-	-	-	-	-	1	-	1
0010	7.3	64+25.00	32.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	7.4	65+50.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	8.0	71+10.93	8.9' RT	STH 33	1	-	-	-	-	-	1	1
0010	8.1	70+50.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	8.2	68+75.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	8.3	70+54.00	21.5' LT	STH 33				1				1
0010	8.4	10+46.59 'O'	17.0' RT	OAK STREET	-	-	-	1	-	-	-	1
0010	8.5	10+45.00 'O'	17.0' LT	OAK STREET	-	-	-	1	-	-	-	1
0010	8.6	72+71.40	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	8.7	74+00.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	8.8	75+75.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	8.9A	10+41.50 'A'	17.0' RT	ASH STREET	-	-	-	1	-	-	-	1
0010	8.9B	10+50.00 'A'	16.9' RT	ASH STREET	-	-	-	1	-	-	-	1
0010	8.10	10+50.00 'A'	17.0' LT	ASH STREET	-	-	-	1	-	-	-	1

3

STORM SEWER STRUCTURE SCHEDULE (CONTINUED)

CATEGORY	STRUCTURE NUMBER	(1) STATION	FT	(1) OFFSET LOCATION	* 611.0530 MANHOLE COVERS TYPE J EACH	611.0545 MANHOLE COVERS TYPE L EACH	611.0612 INLET COVERS TYPE C EACH	* 611.0624 INLET COVERS TYPE H EACH	611.0666 INLET COVERS TYPE Z EACH	* SPV.0060.91 INLET COVERS TYPE H-D EACH	* SPV.0060.95 ADJUSTING MANHOLE COVERS EACH	* 650.4000 CONSTRUCITON STAKING STORM SEWER EACH
0010	8.11	72+71.40	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	8.12	73+00.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	8.13	72+71.40	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	8.14	73+00.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	8.15	9+59.00 'A'	17.5' RT	ASH STREET	-	-	-	1	-	-	-	1
0010	8.16	9+59.00 'A'	17.5' LT	ASH STREET	-	-	-	1	-	-	-	1
0010	8.17	75+98.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	9.0	9+75.00 'E'	5.8' LT	EAST STREET	1	-	-	-	-	-	1	1
0010	9.1	10+51.81 'E'	5.2' LT	EAST STREET	1	-	-	-	-	-	1	1
0010	9.2	79+82.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	9.3	79+82.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	9.4	78+75.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	9.5	10+50.00 'E'	17.5' LT	EAST STREET	-	-	-	1	-	-	-	1
0010	9.6	10+50.00 'E'	17.5' RT	EAST STREET	-	-	-	1	-	-	-	1
0010	9.7	10+65.00 'E'	17.6' RT	EAST STREET	-	-	-	1	-	-	-	1
0010	10.0	89+15.25	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	10.1	87+60.60	13.0' RT	STH 33	-	1	-	-	-	-	1	1
0010	10.2	87+01.40	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	10.3	84+41.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	10.4	82+50.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	10.5	82+50.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	10.6	82+50.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	10.7	84+41.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	10.8	84+25.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	10.9	10+42.00 'WR'	17.5' LT	WARREN STREET	-	-	-	1	-	-	-	1
0010	10.10	10+42.00 'WR'	17.5' RT	WARREN STREET	-	-	-	1	-	-	-	1
0010	10.11	84+41.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	10.12	87+01.40	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	10.13	86+75.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	10.14	87+01.40	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	10.15	86+75.00	21.5' RT	STH 33	-	-	-	-	-	1	-	1
0010	10.16	87+25.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	10.17	87+25.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	10.18	89+48.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	10.19	10+37.21 'BA'	17.7' RT	BARKER STREET	-	-	-	1	-	-	-	1
0010	10.20	10+50.00 'BA'	17.4' RT	BARKER STREET	-	-	-	1	-	-	-	1
0010	10.21	10+50.00 'BA'	17.4' LT	BARKER STREET	-	-	-	1	-	-	-	1
0010	10.22	89+78.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	11.0	9+46.45 'EL'	4.4' LT	ELIZABETH STREET	1	-	-	-	-	-	1	1
0010	11.1	9+87.02 'EL'	4.6' LT	ELIZABETH STREET	1	-	-	-	-	-	1	1
0010	11.2	10+41.50 'EL'	4.8' LT	ELIZABETH STREET	-	1	-	-	-	-	1	1
0010	11.3	10+45.00 'EL'	17.0' LT	ELIZABETH STREET	-	-	-	1	-	-	-	1
0010	11.4	10+55.00 'EL'	17.1' LT	ELIZABETH STREET	-	-	-	1	-	-	-	1
0010	11.5	93+00.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	11.6	92+95.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	11.7	10+41.50 'EL'	17.0' RT	ELIZABETH STREET	-	-	-	1	-	-	-	1
0010	11.8	10+55.00 'EL'	17.0' RT	ELIZABETH STREET	-	-	-	1	-	-	-	1
0010	11.9	9+55.65 'EL'	18.3' RT	ELIZABETH STREET	-	-	-	1	-	-	-	1
0010	11.10	94+00.00	21.5' RT	STH 33	-	-	-	-	-	1	-	1
0010	11.11	94+00.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1

STORM SEWER STRUCTURE SCHEDULE (CONTINUED)

CATEGORY	STRUCTURE NUMBER	(1) STATION	FT	(1) OFFSET LOCATION	* 611.0530 MANHOLE COVERS TYPE J EACH	611.0545 MANHOLE COVERS TYPE L EACH	611.0612 INLET COVERS TYPE C EACH	* 611.0624 INLET COVERS TYPE H EACH	611.0666 INLET COVERS TYPE Z EACH	* SPV.0060.91 INLET COVERS TYPE H-D EACH	* SPV.0060.95 ADJUSTING MANHOLE COVERS EACH	* 650.4000 CONSTRUCITON STAKING STORM SEWER EACH
0010	11.12	94+25.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	11.13	94+25.00	21.5' RT	STH 33	-	-	-	-	-	1	-	1
0010	12.0	96+91.04	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	12.1	97+25.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	12.2	98+76.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	12.3	100+10.00	13.0' RT	STH 33	1						1	1
0010	12.4	99+95.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	12.5	96+95.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	12.6	97+25.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	12.7	98+76.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	12.8	98+76.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	12.9	100+10.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	12.10	101+07.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	12.11	100+44.16	23.1' LT	STH 33	-	-	-	1	-	-	-	1
0010	12.12	100+65.00	21.5' LT	STH 33				1				1
0010	12.13	10+45.00 'TU'	14.6' RT	TUTTLE STREET	-	-	-	1	-	-	-	1
0010	13.0	116+57.55	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	13.1	116+24.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	13.2	114+50.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	13.3	113+00.00	13.0' RT	STH 33	1						1	1
0010	13.4	111+50.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	13.5	108+56.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	13.6	108+03.24	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	13.7	107+30.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	13.8	105+40.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	13.9	103+50.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	13.10	103+50.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.11	102+75.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.12	103+50.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	13.13	105+40.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.14	104+55.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.15	105+40.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	13.16	107+30.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.17	106+55.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.18	107+30.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	13.19	108+03.24	20.0' LT	STH 33			1					1
0010	13.20	107+80.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.21	10+43.00 'J'	17.5' LT	JEFFERSON STREET	-	-	-	1	-	-	-	1
0010	13.22	108+03.24	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	13.23A	108+55.50	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.23B	108+50.12	26.9' LT	STH 33	1	-	-	-	-	-	-	1
0010	13.24	10+43.00 'J'	17.5' RT	JEFFERSON STREET	-	-	-	1	-	-	-	1
0010	13.25	108+56.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	13.26	111+50.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.27	111+50.00	21.5' RT	STH 33				1				1
0010	13.28	113+00.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.29	113+00.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	13.30	114+50.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	13.31	114+50.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	13.32	116+24.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1

3

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	MISCELLANEOUS QUANTITIES	SHEET 289	E

STORM SEWER STRUCTURE SCHEDULE (CONTINUED)

CATEGORY	STRUCTURE NUMBER	(1) STATION	FT	(1) OFFSET LOCATION	* 611.0530 MANHOLE COVERS TYPE J EACH	611.0545 MANHOLE COVERS TYPE L EACH	611.0612 INLET COVERS TYPE C EACH	* 611.0624 INLET COVERS TYPE H EACH	611.0666 INLET COVERS TYPE Z EACH	* SPV.0060.91 INLET COVERS TYPE H-D EACH	* SPV.0060.95 ADJUSTING MANHOLE COVERS EACH	* 650.4000 CONSTRUCITON STAKING STORM SEWER EACH
0010	13.33	10+41.00 'W'	17.5' LT	WASHINGTON STREET	-	-	-	1	-	-	-	1
0010	13.34	10+50.00 'W'	17.6' LT	WASHINGTON STREET						1		1
0010	13.35	116+24.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	13.36	116+60.11	10.1' LT	STH 33	1	-	-	-	-	-	1	1
0010	14.0	116+84.62	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	14.1	117+07.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	14.2	117+07.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	14.3	117+00.00	33.7' LT	STH 33	1	-	-	-	-	-	-	1
0010	14.4	10+41.00 'W'	17.5' RT	WASHINGTON STREET	-	-	-	1	-	-	-	1
0010	14.5	10+50.00 'W'	17.4' RT	WASHINGTON STREET	-	-	-	-	-	1	-	1
0010	14.6	117+07.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	14.7	119+00.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	14.8	119+00.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	14.9	119+05.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	15.0	9+56.76 'L'	5.7' LT	LINCOLN AVENUE	1	-	-	-	-	-	1	1
0010	15.1	126+45.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	15.2	126+12.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	15.3	124+40.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	15.4	122+75.00	13.0' RT	STH 33	1	-	-	-	-	-	1	1
0010	15.5	122+75.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	15.6	122+75.00	21.5' RT	STH 33				1				1
0010	15.7	124+40.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	15.8	124+40.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	15.9	126+19.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	15.10	126+12.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	15.11	126+45.00	10.0' LT	STH 33	1						1	1
0010	15.12	10+50.00 'L'	17.5' LT	LINCOLN AVENUE	-	-	-	1	-	-	-	1
0010	15.13	10+65.00 'L'	17.5' LT	LINCOLN AVENUE	-	-	-	1	-	-	-	1
0010	15.14	10+47.00 'L'	17.5' RT	LINCOLN AVENUE	-	-	-	1	-	-	-	1
0010	15.15	10+65.00 'L'	17.3' RT	LINCOLN AVENUE	-	-	-	1	-	-	-	1
0010	15.16	127+00.06	21.5' RT	STH 33				1				1
0010	15.17	127+00.06	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	16.0	10+42.99 'T'	29.9' RT	TAFT AVENUE	-	-	-	1	-	-	-	1
0010	16.1	132+70.88	32.6' LT	STH 33	1	-	-	-	-	-	-	1
0010	16.2	132+56.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	16.3	132+56.00	0.0'	STH 33	1						1	1
0010	16.4	131+33.00	0.0'	STH 33	1	-	-	-	-	-	1	1
0010	16.5	129+67.50	0.0'	STH 33	1	-	-	-	-	-	1	1
0010	16.6	129+67.50	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	16.7	131+33.00	21.5' LT	STH 33	-	-	-	1	-	-	-	1
0010	16.8	131+33.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	16.9	132+56.00	21.5' RT	STH 33	-	-	-	1	-	-	-	1
0010	16.10	10+66.74 'T'	18.1' RT	TAFT AVENUE	-	-	-	1	-	-	-	1
0010	16.11	10+80.63 'T'	16.5' LT	TAFT AVENUE	-	-	-	1	-	-	-	1
0010	16.12	10+68.00 'T'	16.5' LT	TAFT AVENUE	-	-	-	1	-	-	-	1
		PROJECT 5090-05-71 TOTALS:			**67**	**2**	**1**	**160**	**7**	**8**	**65**	**245**

*ADDITIONAL QUANTITIES ELSEWHERE

NOTES:

1) STATIONS AND OFFSETS ARE TO THE CENTER OF THE STRUCTURE OR TO THE END OF PIPE WHERE THERE IS AN ENDWALL.

2) TOP OF STRUCTURE ELEVATION = RIM ELEVATION CASTING HEIGHT ADJUSTING RINGS HEIGHT.

3) DEPTH OF STRUCTURE = TOP OF STRUCTURE ELEVATION - BOTTOM OF STRUCTURE ELEVATION.

STORM SEWER TAP

CATEGORY	STAGE	STATION	LOCATION	O/S	* SPV.0060.90 EACH	COMMENTS
0010	3A	24+18	STH 33	LT	1	36 INCH CONNECTION TO BOX
			PROJECT 5090-05-71 TOTAL:		**1**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PIPE UNDERDRAIN

CATEGORY	STAGE	STATION	-	STATION	LOCATION	* 612.0106 PIPE UNDERDRAIN 6-INCH LF	* 645.0112 GEOTEXTILE FABRIC TYPE DF SCHEDULE B SY
0010	3A	26+60	-	39+50	STH 33 (EAST VILLAGE LIMITS TO DRAPER ST)	850	472
0010	3A	39+50	-	44+00	STH 33 (DRAPER ST TO PARK ST)	400	222
0010	3B	44+00	-	49+00	STH 33 (PARK ST TO SUMMIT ST)	200	111
0010	3B	49+00	-	54+00	STH 33 (SUMMIT ST TO CENTER ST)	400	222
0010	3B	54+00	-	58+00	STH 33 (CENTER ST TO WEST ST)	350	194
0010	3B	58+00	-	62+50	STH 33 (WEST ST TO BIRCH ST)	250	139
0010	3B	62+50	-	68+50	STH 33 (BIRCH ST TO BROADWAY)	200	111
0010	2A	68+50	-	71+75	STH 33 (BROADWAY TO OAK ST)	250	139
0010	2A	71+75	-	77+00	STH 33 (OAK ST TO ASH ST)	550	306
0010	2A	77+00	-	81+00	STH 33 (ASH ST TO EAST ST)	250	139
0010	2A	81+00	-	85+75	STH 33 (EAST ST TO WARREN ST)	300	167
0010	2A	85+75	-	90+00	STH 33 (WARREN ST TO BARKER ST)	500	278
0010	2B	90+00	-	94+75	STH 33 (BARKER ST TO ELIZABETH ST)	450	250
0010	2B	94+75	-	97+75	STH 33 (ELIZABETH ST TO CAMP ST)	100	56
0010	2B	97+75	-	101+50	STH 33 (CAMP ST TO WHEELER ST)	350	194
0010	2B	101+50	-	109+25	STH 33 (WHEELER ST TO JEFFERSON ST)	800	444
0010	2A	109+25	-	117+25	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	600	333
0010	2A	117+25		129+00	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	600	333
0010	1	129+00		134+22	STH 33 (LINCOLN AVE TO TAFT AVE)	450	250
					UNDISTRIBUTED	785	436
					PROJECT 5090-05-71 CATEGORY 0010 TOTALS:	**8,635**	**4,796**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

MGS GUARDRAIL

CATEGORY	STA	TO	STA	O/S	ROADWAY	* 614.2300 MGS GUARDRAIL 3 LF	614.2500 MGS THRIE BEAM TRANSITION LF
0010	26+50	-	33+48	RT	STH 33	636	39
					PROJECT 5090-05-71 TOTALS:	**636**	**39**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

619.1000
MOBILIZATION

CATEGORY	LOCATION	* EACH
0010	PROJECT 5090-05-71	0.8
	PROJECT 5090-05-71 TOTAL:	**0.8**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

DUST CONTROL AND WATER

CATEGORY	LOCATION	USE	623.0200 DUST CONTROL SURFACE TREATMENT SY	624.0100 WATER MGAL
0010	PROJECT 5090-05-71	DUST CONTROL	69,424	35
0010	PROJECT 5090-05-71	BASE AND SUBGRADE PLACEMENT	-	708
	PROJECT 5090-05-71 CATEGORY 0010 SUBTOTALS:		**69,424**	**743**
0030	PROJECT 5090-05-71	DUST CONTROL	3,432	2
0030	PROJECT 5090-05-71	BASE AND SUBGRADE PLACEMENT	-	18
	PROJECT 5090-05-71 CATEGORY 0030 SUBTOTALS:		**3,432**	**20**
		TOTALS:	**72,856**	**763**

MOBILIZATION FOR EROSION CONTROL

CATEGORY	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	PROJECT 5090-05-71	20	10
	PROJECT 5090-05-71 TOTALS:	**20**	**10**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

INLET PROTECTION

CATEGORY	STATION	LOCATION	628.7005 TYPE A EACH	628.7015 TYPE C EACH
0010	27+40	STH 33 LT	2	2
0010	28+35	STH 33 LT/RT	5	5
0010	30+25	STH 33 LT/RT	2	2
0010	32+50	STH 33 LT/RT	3	3
0010	33+00	STH 33 LT	3	3
0010	34+75	STH 33 LT	1	1
0010	36+50	STH 33 LT/RT	4	4
0010	10+45 'D'	DRAPER ST LT/RT	2	2
0010	39+25	STH 33 LT/RT	4	4
0010	41+00	STH 33 LT/RT	2	2
0010	42+35	STH 33 RT	1	1
0010	9+60 'P'	PARK ST. LT/RT	2	2
0010	10+50 'P'	PARK ST. LT/RT	3	3
0010	43+20	STH 33 LT/RT	4	4
0010	47+65	STH 33 LT/RT	2	2
0010	9+55 'S'	SUMMIT ST. RT	1	1
0010	10+50 'S'	SUMMIT ST. RT	1	1
0010	50+00	STH 33 LT/RT	2	2
0010	51+55	STH 33 LT/RT	4	4
0010	10+50 'WO'	WOOD ST. LT/RT	6	6
0010	52+50	STH 33 LT	1	1
0010	52+90	STH 33 LT/RT	3	3
0010	54+00	STH 33 LT/RT	3	3
0010	54+30	STH 33 LT/RT	2	2
0010	54+50	STH 33 LT/RT	2	2
0010	55+50	STH 33 RT	1	1
0010	10+45 'WE'	WEST ST LT/RT	4	4
0010	57+10	STH 33 LT	1	1
0010	57+25	STH 33 LT/RT	6	6
0010	59+00	STH 33 RT	1	1
0010	10+50 'BI'	BIRCH ST. LT/RT	8	8
0010	61+85	STH 33 LT/RT	3	3
0010	64+25	STH 33 RT	1	1
0010	65+35	STH 33 RT	1	1
0010	65+65	STH 33 LT/RT	5	5
0010	68+85	STH 33 RT	2	2
0010	70+50	STH 33 LT/RT	4	4
0010	10+50 'O'	OAK ST. LT/RT	4	4
0010	72+70	STH 33 LT/RT	2	2
0010	72+85	STH 33 LT/RT	2	2
0010	73+00	STH 33 LT/RT	2	2
0010	9+55 'A'	ASH ST. LT/RT	2	2
0010	10+50 'A'	ASH ST. LT/RT	5	5
0010	76+00	STH 33 LT	1	1
0010	78+75	STH 33 LT	1	1
0010	79+85	STH 33 LT/RT	4	4
0010	10+30 'E'	EAST ST. LT/RT	2	2
0010	10+50 'E'	EAST ST. LT/RT	2	2
0010	10+65 'E'	EAST ST. RT	1	1
0010	82+50	STH 33 LT/RT	2	2
0010	84+25	STH 33 LT	1	1
0010	84+45	STH 33 LT/RT	3	3
0010	10+35 'WR'	WARREN ST. LT/RT	4	4
0010	84+85	STH 33 RT	1	1
0010	86+75	STH 33 LT/RT	2	2

INLET PROTECTION CONTINUED

CATEGORY	STATION	LOCATION	628.7005 TYPE A EACH	628.7015 TYPE C EACH
0010	87+00	STH 33 LT/RT	2	2
0010	87+25	STH 33 LT/RT	2	2
0010	87+50	STH 33 LT/RT	2	2
0010	10+35 'BA'	BARKER ST. LT/RT	3	3
0010	10+50 'BA'	BARKER ST. LT/RT	2	2
0010	89+45	STH 33 LT	2	2
0010	89+80	STH 33 RT	2	2
0010	93+00	STH 33 LT/RT	3	3
0010	9+65 'EL'	ELIZABETH ST. LT/RT	3	3
0010	10+50 'EL'	ELIZABETH ST. LT/RT	8	8
0010	93+75	STH 33 LT	1	1
0010	94+00	STH 33 LT/RT	2	2
0010	94+25	STH 33 LT/RT	2	2
0010	96+95	STH 33 LT	2	2
0010	97+25	STH 33 RT	2	2
0010	98+75	STH 33 LT/RT	2	2
0010	100+10	STH 33 LT/RT	3	3
0010	10+45 'TU'	TUTTLE ST. RT	1	1
0010	100+50	STH 33 LT	3	3
0010	101+10	STH 33 RT	1	1
0010	102+75	STH 33 LT	1	1
0010	103+50	STH 33 LT/RT	2	2
0010	104+55	STH 33 LT	1	1
0010	105+40	STH 33 LT/RT	2	2
0010	106+55	STH 33 LT	1	1
0010	107+30	STH 33 LT/RT	2	2
0010	107+80	STH 33 LT	2	2
0010	108+05	STH 33 LT/RT	2	2
0010	10+45 'J'	JEFFERSON ST. LT/RT	2	2
0010	108+45	STH 33 LT	1	1
0010	108+55	STH 33 LT/RT	2	2
0010	111+50	STH 33 LT/RT	2	2
0010	112+70	STH 33 LT/RT	2	2
0010	113+00	STH 33 LT/RT	2	2
0010	114+50	STH 33 LT/RT	2	2
0010	116+30	STH 33 LT/RT	3	3
0010	10+40 'W'	WASHINGTON AVE. LT/RT	6	6
0010	117+00	STH 33 LT/RT	3	3
0010	119+00	STH 33 LT/RT	2	2
0010	122+75	STH 33 LT/RT	2	2
0010	124+40	STH 33 LT/RT	2	2
0010	126+15	STH 33 LT/RT	2	2
0010	126+30	STH 33 LT	1	1
0010	10+50 'L'	LINCOLN AVE. LT/RT	4	4
0010	10+60 'L'	LINCOLN AVE. LT/RT	3	3
0010	127+00	STH 33 LT/RT	3	3
0010	129+70	STH 33 LT	2	2
0010	131+30	STH 33 LT/RT	4	4
0010	132+60	STH 33 LT/RT	2	2
0010	133+00	STH 33 RT	1	1
0010	10+45 'T'	TAFT AVE. RT	2	2
0010	10+65 'T'	TAFT AVE. LT/RT	2	2
0010	10+80 'T'	TAFT AVE. LT	2	2
0010		UNDISTRIBUTED	17	17
		TOTALS:	**280**	**280**

3

EROSION CONTROL ITEMS

CATEGORY	STAGE	STA	TO	STA	O/S	ROADWAY	* 628.1504 SILT FENCE LF	* 628.1520 SILT FENCE MAINTENANCE LF	* 628.7560 TRACKING PADS EACH	* 628.7570 ROCK BAGS EACH	* 628.2006 EROSION MAT URBAN CLASS I TYPE A SY
0010	3A	26+60	-	40+50	LT/RT	STH 33 (WEST CITY LIMITS TO DRAPER ST)	671	671	-	4	1,889
0010	3A	40+50	-	44+00	LT/RT	STH 33 (DRAPER ST TO PARK ST)	-	-	1	-	462
0010	3B	44+00	-	54+75	LT/RT	STH 33 (PARK ST TO CENTER ST)	38	38	1	8	1308
0010	3B	54+75	-	68+50	LT/RT	STH 33 (CENTER ST TO OAK ST)	56	56	1	20	2008
0010	2A	68+50	-	82+50	LT/RT	STH 33 (OAK ST TO EAST ST)	-	-	1	4	2015
0010	2A	82+50	-	90+00	LT/RT	STH 33 (EAST ST TO BARKER ST)	-	-	1	2	794
0010	2B	90+00	-	96+00	LT/RT	STH 33 (BARKER ST TO CAMP ST)	-	-	1	-	559
0010	2B	96+00	-	109+25	LT/RT	STH 33 (CAMP ST TO JEFFERSON ST)	125	125	1	4	1330
0010	2A	109+25	-	120+75	LT/RT	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	-	-	1	-	929
0010	2A	120+75	-	129+00	LT/RT	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	-	-	1	4	889
0010	1	129+00	-	134+22.35	LT/RT	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	-	-	2	-	528
0010			-			UNDISTRIBUTED	223	223	-	12	3178
						PROJECT 5090-05-71 TOTALS:	**1,113**	**1,113**	**11**	**58**	**15,889**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LANDSCAPING

CATEGORY	STAGE	STATION	TO	STATION	O/S	LOCATION	* 625.0100 TOPSOIL SY	* 629.0210 FERTILIZER TYPE B CWT	* 630.0140 SEEDING MIXTURE NO. 40 LB	* 630.0200 SEEDING TEMPORARY LB	* 630.0500 SEED WATER MGAL**
0010	3A	26+60	-	40+50	LT/RT	STH 33 (WEST CITY LIMITS TO DRAPER ST)	1,889	1.2	34	26	10.6
0010	3A	40+50	-	44+00	LT/RT	STH 33 (DRAPER ST TO PARK ST)	462	0.3	8	6	2.6
0010	3B	44+00	-	54+75	LT/RT	STH 33 (PARK ST TO CENTER ST)	1,308	0.8	24	18	7.3
0010	3B	54+75	-	68+50	LT/RT	STH 33 (CENTER ST TO OAK ST)	2,008	1.3	36	27	11.3
0010	2A	68+50	-	82+50	LT/RT	STH 33 (OAK ST TO EAST ST)	2,015	1.3	36	27	11.3
0010	2A	82+50	-	90+00	LT/RT	STH 33 (EAST ST TO BARKER ST)	794	0.5	14	11	4.5
0010	2B	90+00	-	96+00	LT/RT	STH 33 (BARKER ST TO CAMP ST)	559	0.4	10	8	3.1
0010	2B	96+00	-	109+25	LT/RT	STH 33 (CAMP ST TO JEFFERSON ST)	1,330	0.8	24	18	7.5
0010	2A	109+25	-	120+75	LT/RT	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	929	0.6	17	13	5.2
0010	2A	120+75	-	129+00	LT/RT	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	889	0.6	16	12	5.0
0010	1	129+00	-	134+22.35	LT/RT	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	528	0.3	10	7	3.0
						UNDISTRIBUTED	636	1.0	11	9	4.0
						PROJECT 5090-05-71 TOTALS:	**13,347**	**9.0**	**240**	**182**	**75.0**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

** WATER QUANTITY IS COMPUTED AS 1-INCH OF WATER APPLIED OVER THE SEEDED AREA ONCE EVERY 3 DAYS FOR A PERIOD OF 30 DAYS. ACTUAL QUANTITY IS CONTINGENT ON RAINFALL DURING THE

REMOVING SIGNS

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	* 638.2602 REMOVING SIGNS TYPE II EACH	* 638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	R3-01	I2-3	BARABOO POPULATION, TREE CITY USA	1	2	
0010	R3-03	S1-1	SCHOOL ZONE	1	1	
0010	R3-03	S16-9P	AHEAD	1	-	SAME POST AS R3-03(S1-1)
0010	R3-03	R2-6P	FINES HIGHER	1	-	SAME POST AS R3-03(S1-1)
0010	R3-04	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R3-05	R3-53R	RIGHT TURN ONLY	1	1	
0010	R3-06	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	4	1	M4-1, M1-1, M4-1, M1-1
0010	R3-07	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	R3-08	W3-3	TRAFFFIC SIGNALS AHEAD SYMBOL	1	1	
0010	R3-09	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	R4-01	J4-2	WEST, STH 33, BUSINESS, USH 12	4	1	
0010	R4-02	W11-2	PEDESTRIAN CROSSING SYMBOL	1	1	
0010	W4-01	-	DRAPER ST INFORMATIONAL SIGN	-	-	WORK BY OTHERS
0010	R4-03	R1-1F	STOP	1	-	MOUNTED ON TRAFFIC LIGHT POST
0010	R4-04	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R4-05	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	W4-02	-	2 HOUR PARKING ON SCHOOL DAYS	-	-	WORK BY OTHERS
0010	R4-06	S1-1	SCHOOL ZONE	1	1	
0010	W4-03	-	8TH AVE, DRAPER ST	-	-	WORK BY OTHERS
0010	R4-07	W11-2	PEDESTRIAN CROSSING SYMBOL	1	1	
0010	W4-04	-	PARK ST INFORMATIONAL SIGN	-	-	WORK BY OTHERS
0010	R4-08	J4-2	EAST, STH 33, BUSINESS, USH 12	5	1	
0010	R4-09	R1-1	STOP	1	1	
0010	W4-05	-	8TH AVE, PARK ST	-	-	WORK BY OTHERS
0010	R4-10	R1-1	STOP	1	1	
0010	W4-06	-	PARK ST INFORMATIONAL SIGN	-	-	WORK BY OTHERS
0010	R4-11	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	R4-12	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R4-13	S1-1	SCHOOL ZONE	1	1	
0010	R4-13	S16-9P	AHEAD	1	-	SAME POST AS R4-13(S1-1)
0010	R5-01	R1-1	STOP	1	1	
0010	W5-01	-	8TH AVE, SUMMIT ST	-	-	WORK BY OTHERS
0010	R5-02	R1-1	STOP	1	1	
0010	R5-03	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R5-04	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	R5-05	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	R5-06	R1-1	STOP	1	1	
0010	W5-02	-	8TH AVE, WOOD ST	-	-	WORK BY OTHERS
0010	R5-07	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R5-07	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R5-07	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R5-07	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R5-08	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R5-08	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R5-08	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R5-08	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R5-09	R1-1	STOP	1	1	
0010	W5-03	-	8TH AVE, CENTER ST	-	-	WORK BY OTHERS
0010	R5-10	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	R5-10	R7-13	NO PARKING THIS SIDE OF STREET	1	-	SAME POST AS R5-10(R2-1)
0010	R5-11	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	R5-12	S1-1	SCHOOL ZONE	1	1	
0010	R5-12	S16-9P, R2-6P	AHEAD, FINES HIGHER	2	-	SAME POST AS R5-12(S1-1)
0010	R5-13	R1-1	STOP	1	1	
0010	W5-04	-	8TH AVE, WEST ST	-	-	WORK BY OTHERS

REMOVING SIGNS (CONTINUED)

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	* 638.2602 REMOVING SIGNS TYPE II EACH	* 638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	R5-14	R1-1	STOP	1	1	
0010	W5-05	-	CIRCUS WORLD, RIGHT ARROW AT LIGHT	-	-	WORK BY OTHERS
0010	R6-01	W3-3	TRAFFIC SIGNALS AHEAD SYMBOL	1	1	
0010	R6-02	J1-1	JCT, STH 113	2	1	
0010	R6-03	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	4	1	
0010	R6-04	JV-2	EAST, STH 33, STRAIGHT, ALTERNATE, IH 90, IH 94, STRAIGHT	7	1	
0010	R6-05	R1-1	STOP	1	1	
0010	W6-01	-	8TH AVE, BIRCH ST	-	-	WORK BY OTHERS
0010	R6-06	R1-1	STOP	1	1	
0010	R6-07	J3-2	UTH, STH 113, ADVANCE RIGHT, BUSINESS, USH 12, ADVANCE RIG	6	1	
0010	W6-02	-	BROADWAY INFORMATIONAL SIGN, HOSPITAL SIGN	-	-	WORK BY OTHERS
0010	R6-08	R7-13	NO PARKING THIS SIDE OF STREET	1	-	MOUNTED ON UTILITY POLE
0010	R6-09	J4-2	WEST, STH 33, BUSINESS, USH 12	4	1	
0010	W6-03	-	D.G. DISTILLERY	-	-	WORK BY OTHERS
0010	R6-10	J2-1	SOUTH, STH 113, RIGHT	3	1	
0010	R6-11	J3-2	WEST, STH 33, LEFT, BUSINESS, USH 12, LEFT	6	1	
0010	W6-04	-	8TH AVE, BROADWAY	-	-	WORK BY OTHERS
0010	R6-12	W25-2	ONCOMING TRAFFIC MAY HAVE EXTENDED GREEN	1	-	MOUNTED ON TRAFFIC LIGHT POST
0010	R6-13	R1-1F	STOP	1	-	MOUNTED ON TRAFFIC LIGHT POST
0010	R6-14	J3-2	EAST, STH 33, RIGHT, HOSPITAL SYMBOL, RIGHT	5	1	
0010	R6-15	R1-2	YIELD	1	1	
0010	R6-16	J2-1	SOUTH, STH 113, RIGHT	3	1	
0010	R6-17	J4-1	EAST, STH 33	2	1	
0010	W6-05	-	BROADWAY INFORMATIONAL SIGN, HOSPITAL SIGN	-	-	WORK BY OTHERS
0010	R6-18	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	W6-06	-	D.G. DISTILLERY	-	-	WORK BY OTHERS
0010	R6-19	J2-1	SOUTH, STH 113, ADVANCE LEFT	3	1	
0010	W6-07	-	OAK ST INFORMATIONAL SIGN	-	-	WORK BY OTHERS
0010	R6-20	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	W6-08	-	CIRCUS WORLD, RIGHT ARROW AT LIGHT	-	-	WORK BY OTHERS
0010	R7-01	JV-2	WEST, STH 33, STRAIGHT, ALTERNATE, IH 90, IH 94, STRAIGHT	7	1	
0010	W7-01	-	8TH ST, OAK ST	-	-	WORK BY OTHERS
0010	R7-02	R1-1	STOP	1	1	
0010	W7-02	-	8TH ST, OAK ST	-	-	WORK BY OTHERS
0010	R7-03	R1-1	STOP	1	1	
0010	W7-03	-	OAK ST INFORMATIONAL SIGN	-	-	WORK BY OTHERS
0010	R7-04	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	4	1	
0010	R7-05	J1-1	JCT, STH 113	2	1	
0010	R7-06	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	W7-04	-	ASH ST INFORMATIONAL SIGN	-	-	WORK BY OTHERS
0010	R7-07	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R7-08	R1-1	STOP	1	1	
0010	R7-09	R5-2	NO TRUCKS SYMBOL	1	1	
0010	W7-05	-	MUNICIPAL VEHICLES EXEMPT	-	-	WORK BY OTHERS
0010	W7-06	-	8TH ST, ASH ST	-	-	WORK BY OTHERS
0010	R7-10	R1-1	STOP	1	1	
0010	R7-11	W11-2	PEDESTRIAN CROSSING SYMBOL	1	1	
0010	R7-11	-	PED XING	1	-	SAME POST AS R7-11(W11-2)
0010	W7-07	-	ASH ST INFORMATIONAL SIGN	-	-	WORK BY OTHERS
0010	R7-12	J1-1	JCT, CTH A	2	1	
0010	W7-08	-	DISTILLERY-RESTAURANT	-	-	WORK BY OTHERS
0010	R7-13	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	4	1	
0010	R7-14	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	R7-15	J12-1	CTH A, LEFT	2	1	
0010	W7-09	-	8TH ST, EAST ST	-	-	WORK BY OTHERS

REMOVING SIGNS (CONTINUED)

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	* 638.2602 REMOVING SIGNS TYPE II EACH	* 638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	R7-16	R5-2	NO TRUCKS SYMBOL	1	1	
0010	W7-10	-	MUNICIPAL VEHICLES EXEMPT	-	-	WORK BY OTHERS
0010	R7-17	R1-1F	STOP	1	-	MOUNTED ON TRAFFIC LIGHT POST
0010	R7-18	R1-1F	STOP	1	-	MOUNTED ON TRAFFIC LIGHT POST
0010	R7-19	J12-1	CTH A, RIGHT	2	1	
0010	R7-20	J4-1	EAST, STH 33	2	1	
0010	W7-11	-	CIRCUS WORLD MUSEUM, DISTILLERY-RESTAURANT	-	-	WORK BY OTHERS
0010	R7-21	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	R7-21	R7-13	NO PARKING THIS SIDE OF STREET	1	-	SAME POST AS R7-21(R2-1)
0010	R8-01	D9-2	HOSPITAL SYMBOL	1	-	MOUNTED ON UTILITY POLE
0010	R8-02	W11-2	PEDESTRIAN CROSSING SYMBOL	1	1	
0010	R8-03	J1-1	JCT, CTH A	2	1	
0010	R8-04	R1-1	STOP	1	1	
0010	W8-01	-	8TH ST, WARREN ST	-	-	WORK BY OTHERS
0010	R8-05	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	4	-	MOUNTED ON UTILITY POLE
0010	R8-06	R7-13	NO PARKING THIS SIDE OF STREET	1	-	MOUNTED ON UTILITY POLE
0010	R8-07	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R8-08	R1-1	STOP	1	1	
0010	R8-09	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	W8-02	-	8TH ST, BARKER ST	-	-	WORK BY OTHERS
0010	R8-10	R1-1	STOP	1	1	
0010	R8-11	S1-1	SCHOOL ZONE	1	1	
0010	R8-11	S16-9P	AHEAD	1	-	SAME POST AS R8-11(S1-1)
0010	R8-12	D9-2	HOSPITAL SYMBOL, LEFT ARROW	2	1	M6-1
0010	W8-03	-	ELIZABETH ST INFORMATIONAL SIGN	-	-	WORK BY OTHERS
0010	R8-13	R1-1	STOP	1	1	
0010	R8-14	R1-1	STOP	1	1	
0010	W9-01	-	ELIZABETH ST INFORMATIONAL SIGN	-	-	WORK BY OTHERS
0010	R9-01	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	W9-02	-	CIRCUS WORLD, STRAIGHT AHEAD	-	-	WORK BY OTHERS
0010	R9-02	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R9-03	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	R9-04	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R9-04	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R9-04	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R9-04	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R9-05	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R9-05	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R9-05	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R9-05	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	W9-03	-	8TH ST, CAMP ST	-	-	WORK BY OTHERS
0010	R9-06	R1-1	STOP	1	1	
0010	R9-07	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	R9-08	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R9-09	S1-1	SCHOOL ZONE	1	1	
0010	R9-09	S16-9P	AHEAD	1	-	SAME POST AS R9-09(S1-1)
0010	R9-10	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	R9-11	R1-1	STOP	1	1	
0010	W9-04	-	8TH ST, TUTTLE ST	-	-	WORK BY OTHERS
0010	W9-05	-	8TH ST, WHEELER ST	-	-	WORK BY OTHERS
0010	R9-12	R1-1	STOP	1	1	
0010	W9-06	-	DRUG FREE SCHOOL ZONE	-	-	WORK BY OTHERS
0010	R9-13	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R9-14	S1-1	SCHOOL ZONE	1	1	
0010	R9-14	S16-9P	AHEAD	1	-	SAME POST AS R9-14(S1-1)

REMOVING SIGNS (CONTINUED)

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	* 638.2602 REMOVING SIGNS TYPE II EACH	* 638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	R10-01	S1-1	SCHOOL ZONE	1	1	
0010	R10-01	S16-9P	AHEAD	1	-	SAME POST AS R10-01(S1-1)
0010	R10-02	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	R10-03	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R10-04	R1-1	STOP	1	1	
0010	R10-05	R1-1	STOP	1	1	
0010	W10-01	-	8TH ST, JEFFERSON ST	-	-	WORK BY OTHERS
0010	R10-06	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R10-06	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R10-06	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R10-06	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R10-07	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R10-07	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R10-07	S1-1	SCHOOL ZONE	1	-	MOUNTED ON RRFB
0010	R10-07	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	1	-	MOUNTED ON RRFB
0010	R10-08	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	R10-09	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	1	1	
0010	R10-10	D9-2	HOSPITAL SYMBOL, RIGHT ARROW	2	1	M6-1
0010	R10-11	J4-1	EAST, STH 33	2	1	
0010	R10-12	S1-1	SCHOOL ZONE	1	1	
0010	R10-12	S16-9P	AHEAD	1	-	SAME POST AS R10-12(S1-1)
0010	R10-13	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R10-14	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	4	-	MOUNTED ON UTILITY POLE
0010	W10-02	-	TRUCKS MAKE WIDE TURNS	-	-	WORK BY OTHERS
0010	R10-15	J4-1	ALTERNATE, IH 90	2	1	
0010	R11-01	R5-2	NO TRUCKS SYMBOL	1	1	
0010	W11-01	-	MUNICIPAL VEHICLES EXEMPT	-	-	WORK BY OTHERS
0010	R11-02	R1-1	STOP	1	1	
0010	R11-03	R2-1	SPEED LIMIT 25 MPH	1	1	
0010	W11-02	-	8TH ST, WASHINGTON AVE	-	-	WORK BY OTHERS
0010	R11-04	R1-1	STOP	1	1	
0010	R11-05	R2-1	SPEED LIMIT 30 MPH	1	1	
0010	R11-06	D9-2	HOSPITAL SYMBOL, HOSPITAL	2	1	
0010	R11-07	S1-1	SCHOOL ZONE	1	1	
0010	R11-07	S16-9P	AHEAD	1	-	SAME POST AS R11-07(S1-1)
0010	R11-08	R7-13	NO PARKING THIS SIDE OF STREET	1	1	
0010	R11-09	R7-13	NO PARKING THIS SIDE OF STREET	1	-	MOUNTED ON UTILITY POLE
0010	R11-10	R1-1	STOP	1	1	
0010	R11-11	R1-1	STOP	1	1	
0010	W11-03	-	8TH ST, LINCOLN AVE	-	-	WORK BY OTHERS
0010	R11-12	R2-1	SPEED LIMIT 30 MPH	1	1	
0010	R11-13	J1-1	JCT, CTH T	2	1	
0010	R12-01	D7-68L	MAN MOUND COUNTY PARK	1	1	
0010	R12-02	R2-1	SPEED LIMIT 30 MPH	1	1	
0010	R12-03	W4-2R	RIGHT LANE ENDS	1	1	
0010	R12-04	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	4	1	
0010	W12-01	-	LEOPOLD CENTER	-	-	WORK BY OTHERS
0010	R12-05	J4-1	WEST, STH 33	2	1	
0010	R12-06	J12-1	CTH T, LEFT ARROW	2	1	
0010	W12-02	-	8TH ST, TAFT AVE	-	-	WORK BY OTHERS
0010	R12-07	J2-2	STH 33, TWO-DIRECTION ARROW, CTH T, END	4	1	
0010	R12-08	R1-1	STOP	1	1	
0010	R12-09	W1-7	TWO-DIRECTION LARGE ARROW	1	1	
0010	R12-10	J12-1	CTH T, RIGHT ARROW	2	1	
0010	R12-11	R2-1	SPEED LIMIT 55 MPH	1	1	
0010	R12-12	R2-1	SPEED LIMIT 30 MPH	1	1	
			'PROJECT 5090-05-71 TOTALS:	**259**	**128**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PERMANENT SIGNS

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN DIMENSIONS W IN.	X	H IN.	* 637.2210 SIGNS TYPE II REFLECTIVE H SF	* 634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	* 634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	* 634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	MOUNT ON SAME POST AS SIGN #	REMARKS
0010	N3-01	I2-3	BARABOO POPULATION	60	X	24	10.00	2	-	-	-	
0010	N3-02	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	1	-	-	
0010	N3-03	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	1	-	-	
0010	N3-04	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N3-05	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	1	-	-	-	
0010	N3-06	R3-53R	RIGHT TURN ONLY	24	X	30	5.00	1	-	-	-	
0010	N3-07	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	1	-	-	-	
0010	N3-08	W3-3	TRAFFFIC SIGNALS AHEAD SYMBOL	36	X	36	9.00	-	1	-	-	
0010	N3-09	R3-9D	END	24	X	6	1.00	-	1	-	-	
0010	N3-09	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N3-09(R3-9D)	
0010	N3-10	R3-9C	BEGIN	24	X	6	1.00	-	1	-	-	
0010	N3-10	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N3-10(R3-9C)	
0010	N3-11	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	48	X	36	12.00	-	1	-	-	M4-1, M1-1, M4-1, M1-1
0010	N4-01	J4-2	WEST, STH 33, BUSINESS, USH 12	48	X	36	12.00	-	1	-	-	M3-4, M1-6, M4-3, M1-4
0010	N4-02	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	1	-	-	-	
0010	N4-03	R1-1F	STOP	30	X	30	5.18	-	-	-	-	MOUNTED ON TRAFFIC LIGHT POST
0010	N4-04	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N4-05	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	24	X	48	8.00	-	1	-	-	
0010	N4-06	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	1	-	
0010	N4-07	S16-9P	AHEAD	24	X	12	2.00	-	-	-	N4-06(S1-1)	
0010	N4-07	R2-6P	FINES HIGHER	24	X	18	3.00	-	-	-	N4-06(S1-1)	
0010	N4-08	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	1	-	-	-	
0010	N4-09	J4-2	EAST, STH 33, BUSINESS, USH 12	48	X	36	12.00	-	1	-	-	M3-2, M1-6, M4-3, M1-4
0010	N4-10	W3-3	TRAFFFIC SIGNALS AHEAD SYMBOL	36	X	36	9.00	-	1	-	-	
0010	N4-11	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	48	X	36	12.00	-	1	-	-	M4-1, M1-1, M4-1, M1-1
0010	N4-12	R3-8AR	STRAIGHT ONLY, RIGHT ONLY	36	X	30	7.50	1	-	-	-	
0010	N4-13	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N4-14	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N4-15	R3-9D	END	24	X	6	1.00	-	1	-	-	
0010	N4-15	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N4-15(R3-9D)	
0010	N4-16	R3-9C	BEGIN	24	X	6	1.00	-	1	-	-	
0010	N4-16	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N4-16(R3-9C)	
0010	N4-17	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N5-01	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N5-02	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N5-03	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N5-04	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	1	-	
0010	N5-04	S16-9P	AHEAD	24	X	12	2.00	-	-	-	N5-04(S1-1)	
0010	N5-04	R2-18	FINES HIGHER	24	X	18	3.00	-	-	-	N5-04(S1-1)	
0010	N5-05	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	24	X	48	8.00	-	1	-	-	
0010	N5-06	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	-	1	-	-	
0010	N5-06	S5-2	END SCHOOL ZONE	24	X	30	5.00	-	-	-	N5-06(R2-1)	
0010	N5-07	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N5-08	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N5-08	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N5-08(S1-1)	MOUNTED ON RRFB
0010	N5-08	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N5-08	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N5-08(S1-1)	MOUNTED ON RRFB
0010	N5-09	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N5-09	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N5-09(S1-1)	MOUNTED ON RRFB
0010	N5-09	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N5-09	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N5-09(S1-1)	MOUNTED ON RRFB
0010	N5-10	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N5-11	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	-	1	-	-	
0010	N5-11	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	-	-	-	N5-11(R2-1)	
0010	N5-12	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	24	X	48	8.00	-	1	-	-	

PERMANENT SIGNS (CONTINUED)

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN DIMENSIONS W IN.	X	H IN.	* 637.2210 SIGNS TYPE II REFLECTIVE H SF	* 634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	* 634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	* 634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	MOUNT ON SAME POST AS SIGN #	REMARKS
0010	N5-13	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	1	-	
0010	N5-13	S16-9P	AHEAD	24	X	12	2.00	-	-	-	N5-13(S1-1)	
0010	N5-13	R2-6P	FINES HIGHER	24	X	18	3.00	-	-	-	N5-13(S1-1)	
0010	N5-14	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N5-15	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N6-01	W3-3	TRAFFIC SIGNALS AHEAD SYMBOL	36	X	36	9.00	-	1	-	-	
0010	N6-02	J1-1	JCT, STH 113	24	X	39	6.50	-	1	-	-	M2-1, M1-6
0010	N6-03	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	48	X	36	12.00	-	1	-	-	M4-1, M1-1, M4-1, M1-1
0010	N6-04	R3-9D	END	24	X	6	1.00	-	1	-	-	
0010	N6-04	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N6-04(R3-9D)	
0010	N6-05	R3-9C	BEGIN	24	X	6	1.00	-	1	-	-	
0010	N6-05	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N6-05(R3-9C)	
0010	N6-06	JV-2	EAST, STH 33, STRAIGHT, ALTERNATE, IH 90, IH 94, STRAIGHT	48	X	81	27.00	-	-	1	-	M3-2, M1-6, M6-1, M4-1, M1-1, M1-1, M6-1
0010	N6-07	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N6-08	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N6-09	J3-2	SOUTH, STH 113, ADVANCE RIGHT, BUSINESS, USH 12, ADVANCE RIGHT	48	X	57	19.00	-	1	-	-	M3-3, M1-6, M5-1R, M4-3, M1-4, M5-1R
0010	N6-10	J4-2	WEST, STH 33, BUSINESS, USH 12	48	X	36	12.00	-	1	-	-	M3-4, M1-6, M4-3, M1-4
0010	N6-11	J2-1	SOUTH, STH 113, RIGHT	24	X	57	9.50	-	1	-	-	M3-3, M1-6, M6-1
0010	N6-12	J3-2	WEST, STH 33, LEFT, BUSINESS, USH 12, LEFT	48	X	57	19.00	-	1	-	-	M3-4, M1-6, M4-3, M1-4, M6-1
0010	N6-13	W25-2	ONCOMING TRAFFIC MAY HAVE EXTENDED GREEN	24	X	30	5.00	-	-	-	-	MOUNTED ON TRAFFIC LIGHT POST
0010	N6-14	R1-1F	STOP	30	X	30	5.18	-	-	-	-	MOUNTED ON TRAFFIC LIGHT POST
0010	N6-15	R5-1	DO NOT ENTER	30	X	30	6.25	1	-	-	-	
0010	N6-16	J3-2	EAST, STH 33, RIGHT, HOSPITAL SYMBOL, RIGHT	48	X	57	19.00	-	1	-	-	M3-2, M1-6, M6-1, M6-1
0010	N6-17	R5-1A	WRONG WAY	36	X	24	6.00	1	-	-	-	
0010	N6-18	J2-1	SOUTH, STH 113, RIGHT	24	X	57	9.50	-	1	-	-	M3-3, M1-6, M6-1
0010	N6-19	J4-1	EAST, STH 33	24	X	36	6.00	-	1	-	-	
0010	N6-20	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	1	-	-	-	
0010	N6-21	J2-1	SOUTH, STH 113, ADVANCE LEFT	24	X	57	9.50	-	1	-	-	M3-3, M1-6, M5-1L
0010	N6-22	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N7-01	JV-2	WEST, STH 33, STRAIGHT, ALTERNATE, IH 90, IH 94, STRAIGHT	48	X	81	27.00	-	-	1	-	M3-4, M1-6, M6-1, M4-1, M1-1, M1-1, M6-1
0010	N7-02	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N7-03	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N7-04	R3-9C	BEGIN	24	X	6	1.00	-	1	-	-	
0010	N7-04	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N7-04(R3-9C)	
0010	N7-05	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	48	X	36	12.00	-	1	-	-	M4-1, M1-1, M4-1, M1-1
0010	N7-06	R3-9D	END	24	X	6	1.00	-	1	-	-	
0010	N7-06	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N7-06(R3-9D)	
0010	N7-07	J1-1	JCT, STH 113	24	X	39	6.50	-	1	-	-	M2-1, M1-4
0010	N7-08	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N7-09	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N7-10	R3-9C	BEGIN	24	X	6	1.00	-	1	-	-	
0010	N7-10	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N7-10(R3-9C)	
0010	N7-11	R3-9D	END	24	X	6	1.00	-	1	-	-	
0010	N7-11	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N7-11(R3-9D)	
0010	N7-12	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N7-13	R5-2	NO TRUCKS SYMBOL	24	X	24	4.00	1	-	-	-	
0010	N7-14	R1-1	STOP	30	X	30	5.18	1	0	-	-	
0010	N7-15	W11-2	PEDESTRIAN CROSSING SYMBOL	30	X	30	6.25	-	1	-	-	
0010	N7-15	-	PED XING	24	X	18	3.00	-	-	-	N7-15(W11-2)	
0010	N7-16	J1-1	JCT, CTH A	24	X	39	6.50	-	1	-	-	M2-1, M1-5A
0010	N7-17	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	48	X	36	12.00	-	1	-	-	M4-1, M1-1, M4-1, M1-1
0010	N7-18	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	1	-	-	-	
0010	N7-19	J12-1	CTH A, LEFT	24	X	45	7.50	-	1	-	-	M2-1, M6-1
0010	N7-20	R5-2	NO TRUCKS SYMBOL	24	X	24	4.00	1	-	-	-	
0010	N7-21	R1-1F	STOP	30	X	30	5.18	1	-	-	-	MOUNTED ON TRAFFIC LIGHT POST

PERMANENT SIGNS (CONTINUED)

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN DIMENSIONS W IN.	X	H IN.	* 637.2210 SIGNS TYPE II REFLECTIVE H SF	* 634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	* 634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	* 634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	MOUNT ON SAME POST AS SIGN #	REMARKS
0010	N7-22	R1-1F	STOP	30	X	30	5.18	1	-	-	-	MOUNTED ON TRAFFIC LIGHT POST
0010	N7-23	J12-1	CTH A, RIGHT	24	X	45	7.50	-	1	-	-	M2-1, M6-1
0010	N7-24	J4-1	EAST, STH 33	24	X	36	6.00	-	1	-	-	M3-2, M1-4
0010	N7-25	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	-	1	-	-	
0010	N7-25	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	-	-	-	N7-25(R2-1)	
0010	N8-01	D9-2	HOSPITAL SYMBOL	24	X	24	4.00	1	-	-	-	
0010	N8-02	J1-1	JCT, CTH A	24	X	39	6.50	-	1	-	-	M2-1, M1-5A
0010	N8-03	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N8-04	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	48	X	36	12.00	-	1	-	-	M4-1, M1-1, M4-1, M1-1
0010	N8-05	R3-9C	BEGIN	24	X	6	1.00	-	1	-	-	
0010	N8-05	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N8-05(R3-9C)	
0010	N8-06	R3-9D	END	24	X	6	1.00	-	1	-	-	
0010	N8-06	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N8-06(R3-9D)	
0010	N8-07	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N8-08	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N8-09	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N8-10	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	1	-	-	-	
0010	N8-11	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N8-12	S1-1	SCHOOL ZONE	36	X	36	6.75	-	1	-	-	
0010	N8-12	S16-9P	AHEAD	24	X	12	2.00	-	-	-	N8-12(S1-1)	
0010	N8-13	D9-2	HOSPITAL SYMBOL	24	X	24	4.00	-	1	-	-	
0010	N8-13	MB6-1	LEFT	21	X	21	3.06	-	-	-	N8-13(D9-2)	
0010	N8-14	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N8-15	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N9-01	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	24	X	48	8.00	-	1	-	-	
0010	N9-02	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N9-03	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	1	-	-	-	
0010	N9-04	S1-1	SCHOOL ZONE	36	X	36	6.75	-	1	-	-	
0010	N9-04	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N9-04(S1-1)	
0010	N9-05	S1-1	SCHOOL ZONE	36	X	36	6.75	-	1	-	-	
0010	N9-05	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N9-05(S1-1)	
0010	N9-06	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N9-07	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	24	X	48	8.00	-	1	-	-	
0010	N9-08	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N9-09	S1-1	SCHOOL ZONE	36	X	36	6.75	-	1	-	-	
0010	N9-09	S16-9P	AHEAD	24	X	12	2.00	-	-	-	N9-09(S1-1)	
0010	N9-10	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	24	X	48	8.00	-	1	-	-	
0010	N9-11	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N9-12	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N9-13	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N9-14	S1-1	SCHOOL ZONE	36	X	36	6.75	-	1	-	-	
0010	N9-14	S16-9P	AHEAD	24	X	12	2.00	-	-	-	N9-14(S1-1)	
0010	N10-01	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	24	X	48	8.00	-	1	-	-	
0010	N10-02	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N10-03	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N10-04	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N10-05	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N10-05	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N10-05(S1-1)	MOUNTED ON RRFB
0010	N10-05	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N10-05	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N10-05(S1-1)	MOUNTED ON RRFB
0010	N10-06	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N10-06	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N10-06(S1-1)	MOUNTED ON RRFB
0010	N10-06	S1-1	SCHOOL ZONE	36	X	36	6.75	-	-	-	-	MOUNTED ON RRFB
0010	N10-06	S16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	24	X	12	2.00	-	-	-	N10-06(S1-1)	MOUNTED ON RRFB
0010	N10-07	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	-	1	-	-	

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PERMANENT SIGNS (CONTINUED)

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN DIMENSIONS W IN.	X	H IN.	* 637.2210 SIGNS TYPE II REFLECTIVE H SF	* 634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	* 634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	* 634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	MOUNT ON SAME POST AS SIGN #	REMARKS
0010	N10-08	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH	24	X	48	8.00	-	1	-	-	
0010	N10-09	D9-2	HOSPITAL SYMBOL	24	X	24	4.00	-	1	-	-	
0010	N10-09	MB6-1	RIGHT ARROW	21	X	21	3.06	-	-	-	N10-09(D9-2)	
0010	N10-10	J4-1	EAST, STH 33	24	X	36	6.00	-	1	-	-	M3-2, M1-4
0010	N10-11	S1-1	SCHOOL ZONE	36	X	36	6.75	-	1	-	-	
0010	N10-11	S16-9P	AHEAD	24	X	12	2.00	-	-	-	N10-11(S1-1)	
0010	N10-12	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N10-13	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	48	X	36	12.00	-	1	-	-	M4-1, M1-1, M4-1, M1-1
0010	N10-14	J4-1	ALTERNATE, IH 90	24	X	36	6.00	-	1	-	-	M4-1, M1-1
0010	N11-01	R5-2	NO TRUCKS SYMBOL	24	X	24	4.00	1	-	-	-	
0010	N11-02	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N11-03	R2-1	SPEED LIMIT 25 MPH	24	X	30	5.00	1	-	-	-	
0010	N11-04	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N11-05	R2-1	SPEED LIMIT 30 MPH	24	X	30	5.00	1			-	
0010	N11-06	S1-1	SCHOOL ZONE	36	X	36	6.75	-	1	-	-	
0010	N11-06	S16-9P	AHEAD	24	X	12	2.00	-	-	-	N11-06(S1-1)	
0010	N11-07	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N11-08	R7-13	NO PARKING THIS SIDE OF STREET	18	X	24	3.00	1	-	-	-	
0010	N11-09	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N11-10	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N11-11	R2-1	SPEED LIMIT 30 MPH	24	X	30	5.00	1	-	-	-	
0010	N11-12	J1-1	JCT, CTH T	24	X	39	6.50	-	1	-	-	M2-1, M1-5A
0010	N12-01	D7-68L	MAN MOUND COUNTY PARK	66	X	48	22.00	-	2	-	-	
0010	N12-02	R2-1	SPEED LIMIT 30 MPH	24	X	30	5.00	1	-	-	-	
0010	N12-03	R3-9D	END	24	X	6	1.00	-	1	-	-	
0010	N12-03	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N12-03(R3-9D)	
0010	N12-04	R3-9C	BEGIN	24	X	6	1.00	-	1	-	-	
0010	N12-04	R3-9B	CENTER LANE LEFT TURN ONLY (W/ARROWS)	24	X	36	6.00	-	-	-	N12-04(R3-9C)	
0010	N12-05	J4-2	ALTERNATE, IH 90, ALTERNATE, IH 94	48	X	36	12.00	-	1	-	-	M4-1, M1-1, M4-1, M1-1
0010	N12-06	J4-1	WEST, STH 33	24	X	36	6.00		1		-	
0010	N12-07	J12-1	CTH T, LEFT ARROW	24	X	45	7.50	-	1	-	-	M1-5A, M6-1
0010	N12-08	J2-2	STH 33, TWO-DIRECTION ARROW, CTH T, END	48	X	57	19.00	-	1	-	-	M1-4, M6-4, M1-5A, M4-6
0010	N12-09	R1-1	STOP	30	X	30	5.18	1	-	-	-	
0010	N12-10	W1-7	TWO-DIRECTION LARGE ARROW	48	X	24	8.00	1	0	-	-	
0010	N12-11	J12-1	CTH T, RIGHT ARROW	24	X	45	7.50	-	1			
0010	N12-12	R2-1	SPEED LIMIT 55 MPH	24	X	30	5.00	1	-	-	-	
0010	N12-13	R2-1	SPEED LIMIT 30 MPH	24	X	30	5.00	1	1	-	-	
			PROJECT 5090-05-71 TOTALS:				**1179.57**	**72**	**76**	**5**		

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

TRAFFIC CONTROL SUMMARY

CATEGORY	STAGE	DURATION CALENDAR DAYS**	* 643.0300 TRAFFIC CONTROL DRUMS DAY	* 643.0410 TRAFFIC CONTROL BARRICADES TYPE II DAY	* 643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	* 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	* 643.0900 TRAFFIC CONTROL SIGNS DAY	* 643.0910 TRAFFIC CONTROL COVERING SIGNS*** TYPE I			* 643.0920 TRAFFIC CONTROL COVERING SIGNS*** TYPE II			* 643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	* 643.5000 TRAFFIC CONTROL EACH
									SIGNS	#CYCLES	EACH	SIGNS	#CYCLES	EACH		
0010	1	42	1,680	84	504	1,092	378	1,008	-	-	-	-	-	-	14	-
0010	2A	157	6,280	13,031	5,966	24,963	1,256	25,748	-	-	-	-	-	-	14	-
0010	2B	97	3,880	4,462	2,522	9,506	776	9,409	-	-	-	-	-	-	-	-
0010	3A	70	0	1,610	700	3,010	-	3,430	-	-	-	-	-	-	21	-
0010	3B	135	0	9,720	2,970	15,660	-	18,900	-	-	-	-	-	-	-	-
0010	STH 33 DETOUR - 2023	42	-	-	-	-	-	13,188	18	1	18	317	1	317	-	-
0010	STH 33 DETOUR - 2024	288	-	-	-	-	-	72,000	1	1	1	3	1	3	-	-
0010	STH 113 DETOUR	135	-	-	-	-	-	2,835	-	-	-	2	1	2	-	-
0010	UNDISTRIBUTED		592	1,445	633	2,712	121	7,326	-	-	-	-	-	-	2	-
0010	PROJECT 5090-05-71		-	-	-	-	-	-	-	-	-	-	-	-	-	0.80
	PROJECT 5090-05-71 TOTALS:		**12,432**	**30,352**	**13,295**	**56,943**	**2,531**	**153,844**		**19**			**322**		**51**	**0.80**

*ADDITIONAL QUANTITIES LISTED ELSEWHERE
**FOR INFORMATION ONLY
***COVERING SIGNS IS FOR ONE CYCLE

644.1430
TEMPOARY PEDESTRIAN SURFACE PLATE

CATEGORY	STATION	TO	STATION	OFFSET	SF
0030	26+60	-	38+75	LT	246
0030	38+75	-	42+75	LT	334
0030	42+75	-	48+00	LT	434
0030	42+75	-	48+00	RT	100
0030	48+00	-	53+50	LT	530
0030	48+00	-	53+50	RT	714
0030	53+50	-	61+50	LT	894
0030	53+50	-	61+50	RT	1142
0030	61+50	-	71+00	LT	652
0030	61+50	-	71+00	RT	270
0030	71+00	-	80+25	LT	980
0030	71+00	-	80+25	RT	734
0030	80+25	-	89+50	LT	1027
0030	80+25	-	89+50	RT	1272
0030	89+50	-	96+75	LT	567
0030	89+50	-	96+75	RT	654
0030	96+75	-	107+50	LT	618
0030	96+75	-	107+50	RT	708
0030	107+50	-	116+75	LT	711
0030	107+50	-	116+75	RT	973
0030	116+75	-	126+50	LT	515
0030	116+75	-	126+50	RT	160
0030	126+50	-	133+25	LT	193
0030	8+25	-	10+00	LT/RT	166
0030	8+25	-	10+00	LT	70
0030	8+25	-	10+00	RT	149
				PROJECT 5090-05-71 TOTAL:	**14,813**

TEMPORARY PEDESTRIAN ACCESS

CATEGORY	STAGE	DURATION CALENDAR DAYS**	* 644.1410 TEMPORARY PEDESTRIAN SURFACE ASPHALT SF	* 644.1601 TEMPORARY CURB RAMP DAY	* 644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	* 644.1810 TEMPORARY PEDESTRIAN BARRICADE SF
0010	1	42	-	-	-	365
0010	2A	157	1,295	1616	200	7,404
0010	2B	97	985	1136	200	3,552
0010	3A	70	100	280	40	2,087
0010	3B	135	-	-	-	4,716
0010	UNDISTRIBUTED	-	119	152	22	906
PROJECT 5090-05-71 TOTALS:			**2499**	**3184**	**462**	**19030**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
** FOR INFORMATION ONLY

3

TEMPORARY PAVEMENT MARKING

CATEGORY	STAGE	* 643.3105 TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW) LF	* 643.3150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW) LF	* 643.3205 TEMPORARY MARKING LINE PAINT 8-INCH (WHITE) LF	* 643.3250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE) LF	643.3805 TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE) LF	* 643.3905 TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW) LF	* 646.9010 MARKING REMOVAL LINE WATER BLASTING 4-INCH LF
0010	1	2,262	351	50	50	-	-	75
0010	2A	8,510	331	665	50	87	-	70
0010	2B	3,895	331	-	50	-	-	70
0010	3A	3,968	331	749	50	71	-	70
0010	3B	5,424	-	484	-	91	513	-
0010	UNDISTRIBUTED	1,203	67	97	10	12	26	14
	PROJECT 5090-05-71 TOTALS:	**25,262**	**1,411**	**2,045**	**210**	**261**	**539**	**299**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PAVEMENT MARKING ITEMS

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	* 646.1020 MARKING LINE EPOXY 4-INCH 2' LINE 6' SKIP (WHITE) LF	646.1020 MARKING LINE EPOXY 4-INCH (YELLOW) LF	646.1020 MARKING LINE EPOXY 4-INCH DOUBLE (YELLOW) LF	646.1020 MARKING LINE EPOXY 4-INCH 12.5 FT LINE 37.5 FT SKIP (YELLOW) LF	646.1020 MARKING LINE EPOXY 4-INCH 2' LINE 6' SKIP (YELLOW) LF	* 646.3020 MARKING LINE EPOXY 8-INCH (WHITE) LF	646.3020 MARKING LINE EPOXY 8-INCH 3 FT LINE 9 FT SKIP (WHITE) LF	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	* 646.5020 MARKING ARROW EPOXY (WHITE) EACH	646.5120 MARKING WORD EPOXY (WHITE) EACH	* 646.6464 COLD WEATHER MARKING EPOXY 4-INCH 2' LINE 6' SKIP (WHITE) LF	646.6464 COLD WEATHER MARKING EPOXY 4-INCH (YELLOW) LF	646.6464 COLD WEATHER MARKING EPOXY 4-INCH DOUBLE (YELLOW) LF	646.6464 COLD WEATHER MARKING EPOXY 4-INCH 12.5 FT LINE 37.5 FT SKIP (YELLOW) LF	646.6464 COLD WEATHER MARKING EPOXY 4-INCH 2' LINE 6' SKIP (YELLOW) LF	* 646.6468 COLD WEATHER MARKING EPOXY 8-INCH (WHITE) LF	* 646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	* 646.7520 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE) LF	* 646.8220 MARKING ISLAND NOSE EPOXY (YELLOW) LF
0010	3A	26+60	-	38+80	STH 33 (VILLAGE/CITY LINE TO DRAPER ST)	18	1,424	1,397	356	39	255	-	44	10	1	18	-	-	-	-	-	420	66	-
0010	3A	38+80	-	42+75	STH 33 (DRAPER ST TO PARK ST)	19	-	840	-	-	450	22	22	4	2	19	-	-	-	-	-	110	267	-
0010	3A/3B	42+75	-	48+08	STH 33 (PARK ST TO SUMMIT ST)	-	920	-	230	-	-	-	-	4	-	-	750	-	188	-	-	-	228	-
0010	3B	48+08	-	53+35	STH 33 (SUMMIT ST TO CENTER ST)	-	653	220	163	-	-	-	-	4	-	-	653	220	163	-	-	-	210	2
0010	3B	53+35	-	56+80	STH 33 (CENTER ST TO WEST ST)	-	559	-	140	-	-	-	-	4	-	-	559	-	140	-	-	-	156	-
0010	3B	56+80	-	61+45	STH 33 (WEST ST TO BIRCH ST)	-	792	-	198	-	-	-	-	4	-	-	792	-	198	-	-	-	204	-
0010	3B	61+45	-	66+10	STH 33 (BIRCH ST TO BROADWAY)	-	-	1,322	-	-	350	-	26	4	2	-	-	1,322	-	-	350	520	144	-
0010	3B	8+30 'B'	-	10+00 'B'	BROADWAY (STH 113)	-	-	256	-	-	-	-	39	-	-	-	-	256	-	-	-	-	108	2
0010	2A/3B	66+10	-	70+93	STH 33 (BROADWAY TO OAK ST)	-	-	692	-	29	235	-	27	2	1	-	-	692	-	29	235	-	228	-
0010	2A	70+93	-	75+60	STH 33 (OAK ST TO ASH ST)	-	798	-	200	-	-	-	-	4	-	-	-	-	-	-	-	-	228	-
0010	2A	75+60	-	80+21	STH 33 (ASH ST TO EAST ST)	-	-	790	-	-	286	-	60	4	1	-	-	-	-	-	-	-	228	-
0010	2A	80+21	-	84+80	STH 33 (EAST ST TO WARREN ST)	-	-	782	-	-	278	-	27	3	-	-	-	-	-	-	-	-	174	-
0010	2A	84+80	-	89+25	STH 33 (WARREN ST TO BARKER ST)	-	694	-	174	-	-	-	-	4	-	-	-	-	-	-	-	-	114	-
0010	2A/2B	89+25	-	93+38	STH 33 (BARKER ST TO ELIZABETH ST)	-	665	-	166	-	-	-	-	4	-	-	-	-	-	-	-	-	282	-
0010	2B	93+38	-	96+85	STH 33 (ELIZABETH ST TO CAMP ST)	-	528	24	132	-	-	-	-	4	-	-	-	-	-	-	-	-	162	2
0010	2B	96+85	-	100+50	STH 33 (CAMP ST TO TUTTLE/WHEELER ST)	-	554	-	139	-	-	-	-	4	-	-	-	-	-	-	-	-	36	1
0010	2B	100+50	-	108+00	TH 33 (TUTTLE/WHEELER ST TO JEFFERSON S	-	1,258	-	315	-	-	-	-	6	-	-	-	-	-	-	-	-	132	1
0010	2A/2B	108+00	-	116+65	STH 33 (JEFFERSON ST TO WASHINGTON AVE	-	1,569	-	392	-	-	-	-	6	-	-	-	-	-	-	-	-	282	-
0010	2A	116+65	-	126+55	STH 33 (WASHINGTON AVE TO LINCOLN AVE	-	1,845	-	461	-	-	-	-	6	-	-	-	-	-	-	-	-	174	-
0010	1/2A	126+55	-	135+67.51	STH 33 (LINCOLN AVE TO END OF PROJECT)	-	796	1,267	199	-	50	-	-	5	-	-	392	1,267	98	-	50	255	-	-
					PROJECT 5090-05-71 SUBTOTALS:	**37**	**13,055**	**7,590**	**3,265**	**68**	**1,904**	**22**	**245**	**86**	**7**	**37**	**3,146**	**3,757**	**787**	**29**	**635**	**1,305**	**3,423**	**8**
					TOTALS:			**24,015**			**1,926**		**245**	**86**	**7**			**7,756**			**635**	**1,305**	**3,423**	**8**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	MISCELLANEOUS QUANTITIES	SHEET 300	E

CONSTRUCTION STAKING

CATEGORY	STATION	TO	STATION	LOCATION	650.4500 SUBGRADE LF	650.5000 BASE LF	650.9920 SLOPE STAKES LF	650.9911.02 SUPPLEMENTAL CONTROL LS
0010	26+60	-	40+50	STH 33 (WEST CITY LIMITS TO DRAPER ST)	1,390	1,390	1,390	-
0010	40+50	-	44+00	STH 33 (DRAPER ST TO PARK ST)	350	350	350	-
0010	44+00	-	54+75	STH 33 (PARK ST TO CENTER ST)	1,075	1,075	1,075	-
0010	54+75	-	68+50	STH 33 (CENTER ST TO OAK ST)	1,375	1,375	1,375	-
0010	68+50	-	82+50	STH 33 (OAK ST TO EAST ST)	1,400	1,400	1,400	-
0010	82+50	-	90+00	STH 33 (EAST ST TO BARKER ST)	750	750	750	-
0010	90+00	-	96+00	STH 33 (BARKER ST TO CAMP ST)	600	600	600	-
0010	96+00	-	109+25	STH 33 (CAMP ST TO JEFFERSON ST)	1,325	1,325	1,325	-
0010	109+25	-	120+75	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	1,150	1,150	1,150	-
0010	120+75	-	129+00	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	825	825	825	-
0010	129+00	-	134+22.35	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	522	522	522	-
0010	10+00 'D'	-	11+20 'D'	DRAPER ST	120	120	120	-
0010	9+35 'P'	-	10+69 'P'	PARK ST	134	134	134	-
0010	9+45 'S'	-	10+65 'S'	SUMMIT ST	120	120	120	-
0010	10+00 'WO'	-	10+60 'WO'	WOOD ST	60	60	60	-
0010	9+30 'CE'	-	10+00 'CE'	CENTER ST	70	70	70	-
0010	9+45 'WE'	-	10+60 'WE'	WEST ST	115	115	115	-
0010	9+30 'BI'	-	10+60 'BI'	BIRCH ST	130	130	130	-
0010	8+30 'B'	-	10+00 'B'	BROADWAY (STH 113)	170	170	170	-
0010	9+23 'O'	-	10+60 'O'	OAK ST	137	137	137	-
0010	8+63 'A'	-	10+69 'A'	ASH ST	206	206	206	-
0010	9+45 'E'	-	10+70 'E'	EAST ST	125	125	125	-
0010	10+00 'WR'	-	10+55 'WR'	WARREN ST	55	55	55	-
0010	9+45 'BA'	-	10+55 'BA'	BARKER ST	110	110	110	-
0010	9+40 'EL'	-	10+60 'EL'	ELIZABETH	120	120	120	-
0010	9+25 'CA'	-	10+00 'CA'	CAMP ST	75	75	75	-
0010	10+00 'TU'	-	10+50 'TU'	TUTTLE ST	50	50	50	-
0010	9+45 'WH'	-	10+00 'WH'	WHEELER ST	55	55	55	-
0010	9+32 'J'	-	10+73 'J'	JEFFERSON ST	141	141	141	-
0010	9+34 'W'	-	10+69 'W'	WASHINGTON AVE	135	135	135	-
0010	9+45 'L'	-	10+80 'L'	LINCOLN AVE	135	135	135	-
0010	10+00 'T'	-	10+90 'T'	TAFT AVE	90	90	90	-
				PROJECT 5090-05-71 TOTALS:	**13,115**	**13,115**	**13,115**	**1**

CONCRETE BASES TYPE 1

CATEGORY	STAGE	STATION	LOCATION	O/S	* 654.0101 EACH
0030	3B	52+71	STH 33	LT	1
0030	3B	52+80	STH 33	RT	1
0030	2B	108+41	STH 33	RT	1
0030	2B	108+50	STH 33	LT	1
				PROJECT 5090-05-71 TOTAL:	**4**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LAMP, BALLAST, LED, SWITCH DISPOSAL BY CONTRACTOR

CATEGORY	LOCATION	659.5000.S EACH	COMMENTS
0010	PROJECT 5090-05-71	48	TRAFFIC SIGNALS AT DRAPER ST, BROADWAY, AND EAST ST
		48	

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\030202-MQ (5090-05-71).DWG
LAYOUT NAME - 34
PLOT DATE : 5/1/2023 1:31 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

3

SAW CUTTING

CATEGORY	STATION	TO	STATION	ROADWAY	* 690.0150 SAWING ASPHALT LF	* 690.0250 SAWING CONCRETE LF
0010	26+60	-	40+50	STH 33 (WEST CITY LIMITS TO DRAPER ST)	40	230
0010	40+50	-	44+00	STH 33 (DRAPER ST TO PARK ST)	86	60
0010	44+00	-	54+75	STH 33 (PARK ST TO CENTER ST)	162	353
0010	54+75	-	68+50	STH 33 (CENTER ST TO OAK ST)	181	316
0010	68+50	-	82+50	STH 33 (OAK ST TO EAST ST)	190	191
0010	82+50	-	90+00	STH 33 (EAST ST TO BARKER ST)	93	236
0010	90+00	-	96+00	STH 33 (BARKER ST TO CAMP ST)	70	312
0010	96+00	-	109+25	STH 33 (CAMP ST TO JEFFERSON ST)	281	348
0010	109+25	-	120+75	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	189	303
0010	120+75	-	129+00	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	76	200
0010	129+00	-	134+22.35	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	181	112
				PROJECT 5090-05-71 CATEGORY 0010 SUBTOTALS:	**1,549**	**2,661**
0030	26+60	-	40+50	STH 33 (WEST CITY LIMITS TO DRAPER ST)	-	45
0030	40+50	-	44+00	STH 33 (DRAPER ST TO PARK STREET)	-	31
0030	44+00	-	54+75	STH 33 (PARK ST TO CENTER ST)	-	261
0030	54+75	-	68+50	STH 33 (CENTER ST TO OAK ST)	-	272
0030	68+50	-	82+50	STH 33 (OAK ST TO EAST ST)	-	265
0030	82+50	-	90+00	STH 33 (EAST ST TO BARKER ST)	-	168
0030	90+00	-	96+00	STH 33 (BARKER ST TO CAMP ST)	-	133
0030	96+00	-	109+25	STH 33 (CAMP ST TO JEFFERSON ST)	-	185
0030	109+25	-	120+75	STH 33 (JEFFERSON ST TO WASHINGTON AVE)	37	242
0030	120+75	-	129+00	STH 33 (WASHINGTON AVE TO LINCOLN AVE)	-	56
0030	129+00	-	134+22.35	STH 33 (LINCOLN AVE TO END PROJECT LIMITS)	-	9
				PROJECT 5090-05-71 CATEGORY 0030 SUBTOTALS:	**37**	**1,667**
				TOTALS:	**1,586**	**4,328**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVE AND REINSTALL EXISTING RECTANGULAR RAPID FLASHING BEACON

CATEGORY	STAGE	STATION	LOCATION	O/S	* SPV.0060.92 EACH
0010	3B	52+71	STH 33	LT	1
0010	3B	52+80	STH 33	RT	1
0010	2B	108+41	STH 33	RT	1
0010	2B	108+50	STH 33	LT	1
				PROJECT 5090-05-71 TOTAL:	**4**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

WALL MODULAR BLOCK GRAVITY LANDSCAPE

CATEGORY	STATION	TO	STATION	LOCATION	O/S	SPV.0165.20 SF	SPV.0165.21 SF	650.6501.01 CONSTRUCTION STAKING STRUCTURE LAYOUT EACH	650.6501.02 CONSTRUCTION STAKING STRUCTURE LAYOUT EACH
0010	63+23	-	63+74	STH 33	RT	125	-	1	-
0010	65+68	-	65+95	STH 33	RT	-	45	-	1
				PROJECT 5090-05-71 TOTAL:		**125**	**45**	**1**	**1**

WALL REPAIR AND PIER CONNECTION

CATEGORY	STATION	LOCATION	O/S	SPV.0060.93 REMOVE AND REPAIR EXISTING STONE RETAINING WALL EACH	SPV.0060.94 WALL PIER CONNECTION EACH
0010	9+54 B	BROADWAY	LT	1	1
0010	63+73.90	STH 33	RT	-	1
			PROJECT 5090-05-71 TOTAL:	**1**	**2**

SPV.0060.96

FIELD FACILITIES OFFICE SPACE

CATEGORY	LOCATION	* EACH
0010	PROJECT 5090-05-71	0.8
	PROJECT 5090-05-71 TOTAL:	**0.8**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

VILLAGE LIGHTING APPURTENANCES SUMMARY

CATEGORY	STATION	OFFSET DIST	OFFSET DIR	LOCATION	SPV.0060.30 POLE TYPE SMALL ALUMINUM EACH	SPV.0060.31 FESTOON RECEPTACLE AND 45-FEET OF 12 AWG WIRE EACH	SPV.0060.32 BARRIER ARM EACH	SPV.0060.33 FLAG HOLDER EACH	SPV.0060.34 PLANTER BRACKET EACH	650.8501 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS EACH	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	653.0164 PULL BOXES NON-CONDUCTIVE 24X24-INCH EACH	654.0135 CONCRETE BASES TYPE S EACH	654.2224 CONCRETE CONTROL CABINET BASES TYPE L24 EACH	655.0612 ELECTRICAL WIRE LIGHTING 12 AWG LF	656.0201 ELECTRICAL SERVICE METER BREAK PEDESTAL LOCATION EACH	657.0255 TRANSFORMER BASES BREAKAWAY 11-1/2-INCH BOLT CIRCLE EACH	657.0605 LUMINAIRE ARMS SINGLE MEMBER 4-1/2-INCH CLAMP 4 FT EACH	659.1120 LUMINAIRES UTILITY FED EACH	659.2124 LIGHTING CONTROL CABINETS 120/240 24-INCH EACH
0020	40+16	25.00	RT	STH 33	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	4+05	29.50	LT	STH 33/W MULBERRY ST	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	4+24	30.00	LT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4+27	28.00	ER	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5+05	25.00	LT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5+19	25.00	RT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6+00	25.00	RT	STH 33	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	7+50	25.00	LT	STH 33	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	9+02	25.00	RT	STH 33/W WALNUT ST	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	9+05	35.00	RT	STH 33/W WALNUT ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9+73	38.00	RT	STH 33/W WALNUT ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10+60	25.00	LT	STH 33	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	12+25	25.00	RT	STH 33/CONNIE RD	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	12+77	26.00	LT	STH 33/CONNIE RD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	13+53	25.00	LT	STH 33/CONNIE RD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	13+75	25.00	LT	STH 33/CONNIE RD	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	13+91	26.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	13+84	52.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-
	14+62	25.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15+20	25.00	RT	STH 33	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	16+75	25.00	LT	STH 33	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	18+25	25.00	RT	STH 33/ WILLOW ST	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	18+75	25.00	RT	STH 33/ WILLOW ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	19+45	27.00	RT	STH 33/ WILLOW ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	19+90	25.00	LT	STH 33	1	-	-	-	-	-	40	-	1	-	160	-	1	1	1	-
	20+60	25.00	LT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21+37	27.00	LT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21+50	25.00	RT	STH 33/HILL ST	1	-	2	-	1	-	40	-	1	-	160	-	1	1	1	-
	23+00	25.00	LT	STH 33	1	-	2	-	1	-	40	-	1	-	160	-	1	1	1	-
	24+25	25.00	LT	STH 33	1	-	2	-	1	-	40	-	1	-	160	-	1	1	1	-
	25+50	25.00	LT	STH 33	1	-	2	-	1	-	40	-	1	-	160	-	1	1	1	-
	UNDISTRIBUTED				-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
	TOTAL CATEGORY 0020, 5090-05-60				16	0	0	0	0	1	640	14	16	1	2560	1	16	16	16	1
0030	40+16	25.00	RT	STH 33	-	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-
	4+25	29.50	LT	STH 33/W MULBERRY ST	-	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-
	4+24	30.00	LT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4+27	28.00	FR	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5+25	25.00	LT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5+19	25.00	RT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6+20	25.00	R1	STH 33	-	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-
	7+50	25.00	LT	STH 33	-	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-
	9+22	25.00	RT	STH 33/W WALNUT ST	-	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-
	9+25	35.00	RT	STH 33/W WALNUT ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9+73	38.00	RT	STH 33/W WALNUT ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10+60	25.00	LT	STH 33	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	12+25	25.00	RT	STH 33/CONNIE RD	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	12+77	26.00	LT	STH 33/CONNIE RD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	13+53	25.00	LT	STH 33/CONNIE RD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	13+75	25.00	LT	STH 33/CONNIE RD	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	13+91	26.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	13+84	52.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	14+62	25.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15+20	25.00	RT	STH 33	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	16+75	25.00	LT	STH 33	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	18+25	25.00	RT	STH 33/ WILLOW ST	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	18+75	25.00	R1	STH 33/ WILLOW ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	19+45	27.00	RT	STH 33/ WILLOW ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	19+90	25.00	LT	STH 33	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	20+60	25.00	LT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21+37	27.00	LT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21+50	25.00	RT	STH 33/HILL ST	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	23+00	25.00	LT	STH 33	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	24+25	25.00	LT	STH 33	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	25+50	25.00	LT	STH 33	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
	TOTAL CATEGORY 0030, 5090-05-60				0	16	32	16	16	0	0	0	0	2	2	0	0	0	0	0

VILLAGE LIGHTING WIRES SUMMARY

CATEGORY	STATION	OFFSET DIST	OFFSET DIR	TO STATION	OFFSET DIST.	OFFSET DIR	LOCATION	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH* LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0615 ELECTRICAL WIRE LIGHTING 10 AWG LF	655.0620 ELECTRICAL WIRE LIGHTING 8 AWG LF	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG LF	655.0630 ELECTRICAL WIRE LIGHTING 4 AWG LF
0020	40+16	25.00	RT	4+27	28	RT	STH 33	177		354		531		
	4+05	29.50	LT	4+24	30.00	LT	STH 33/W MULBERRY ST	27	-	54	-	81	-	-
	4+24	30.00	LT	5+19	25	LT	STH 33/W MULBERRY ST	106	-	212	-	318	-	-
	4+27	28.00	FR	5+05	25	RT	STH 33/W MULBERRY ST	87	-	174	-	261	-	-
	5+05	25.00	LT	6+00	25	RT	STH 33/W MULBERRY ST	105	-	210	-	315	-	-
	5+19	25.00	RT	7+50	25	LT	STH 33/W MULBERRY ST	241	-	482	-	723	-	-
	6+00	25.00	RT	9+02	25	RT	STH 33	312	-	624	-	1248	-	-
	7+50	25.00	LT	10+60	25	LT	STH 33	320		640		1280		
	9+02	25.00	RT	9+05	35	RT	STH 33/W WALNUT ST	21	-	42	-	84	-	-
	9+05	35.00	RT	9+73	38	RT	STH 33/W WALNUT ST	78	-	156	-	312	-	-
	9+73	38.00	RT	12+25	25	RT	STH 33/W WALNUT ST	268	-	536	-	1072	-	-
	10+60	25.00	LT	12+77	26	LT	STH 33	227	-	454	-	908	-	-
	12+25	25.00	RT	13+91	25	RT	STH 33/CONNIE RD	176	-	352	-	704	-	-
	12+77	26.00	LT	13+53	25	LT	STH 33/CONNIE RD	86	-	172	-	344	-	-
	13+53	25.00	LT	13+75	25	LT	STH 33/CONNIE RD	32				64		128
	13+53	25.00	LT	13+91	26	LT	STH 33/CONNIE RD	74				370		
	13+53	25.00	LT	13+92	27	LT	STH 33/CONNIE RD	74	-	-	-	148	-	296
	13+75	25.00	LT	13+94	52	RT	STH 33/CONNIE RD	-	87	-	-	-	-	-
	13+75	25.00	LT	16+75	25	LT	STH 33/CONNIE RD	310	-	-	-	620	-	1240
	13+91	26.00	RT	13+97	52	RT	STH 33/CEDAR ST	59	-	118	-	590	-	-
	13+91	26.00	RT	13+97	52	RT	STH 33/CEDAR ST	59	-	118	-	295	-	295
	13+91	26.00	RT	14+62	25	RT	STH 33/CEDAR ST	81	-	162	-	324	-	-
	14+62	25.00	RT	15+20	25	RT	STH 33/CEDAR ST	68		136		272		
	15+20	25.00	RT	18+25	25	RT	STH 33	315	-	630	1260	-	-	-
	16+75	25.00	LT	19+90	25	LT	STH 33	325	-	650	-	-	1300	-
	18+25	25.00	RT	18+75	25	RT	STH 33/ WILLOW ST	60	-	120	180	-	-	-
	18+75	25.00	RT	19+45	27	RT	STH 33/ WILLOW ST	79	-	158	237	-	-	-
	19+45	27.00	RT	21+50	25	RT	STH 33/ WILLOW ST	219	-	438	657	-	-	-
	19+90	25.00	LT	20+60	25	LT	STH 33	79	-	158	-	-	316	-
	20+60	25.00	LT	21+37	27	LT	STH 33/HILL ST	84		168			336	
	21+37	27.00	LT	23+00	25	LT	STH 33/HILL ST	160	-	320	-	-	640	-
	23+00	25.00	LT	24+25	25	LT	STH 33	132	-	264	-	-	396	-
	24+25	25.00	LT	25+50	25.00	LT	STH 33	135	-	270	-	-	405	-
	TOTAL CATEGORY 0020, 5090 05 60							4576	87	8172	2334	10864	3393	1959

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

CONCRETE BASE REMOVALS

EXISTING BASE NUMBER	204.0195 REMOVING CONCRETE BASES EACH
STH 33 & DRAPER STREET	
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
CB1	1
INTERSECTION TOTAL	7
STH 33 & BROADWAY	
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
CB1	1
INTERSECTION TOTAL	7
STH 33 & EAST STREET	
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
CB1	1
INTERSECTION TOTAL	9
ITEM TOTALS	**23**

PULL BOXES NON-CONDUCTIVE

PULL BOX NUMBER	STATION	LOCATION	653.0154 PULL BOXES NON-CONDUCTIVE 24 X 42 - INCH EACH
STH 33 & DRAPER STREET			
PB1	38+25.3	26.8' RT	1
PB2	38+30.8	25.8' LT	1
PB3	38+51.9	37.7' LT	1
PB4	39+03.5	37.2' LT	1
PB5	39+34.8	26.6' LT	1
PB6	39+34.5	30.6' RT	1
PB7	38+79.9	30.5' RT	1
PB8	38+31.7	29.9' RT	1
INTERSECTION TOTAL			8
STH 33 & BROADWAY			
PB1	65+94.9	73.7' RT	1
PB2	65+68.4	35.7' RT	1
PB3	65+67.9	24.9' LT	1
PB4	66+19.3	24.8' LT	1
PB5	67+25.0	24.5' LT	1
PB6	67+25.5	26.8' RT	1
PB7	66+56.8	80.8' RT	1
PB8	66+45.0	26.9' RT	1
PB9	65+95.1	81.6' RT	1
INTERSECTION TOTAL			9
STH 33 & EAST STREET			
PB1	79+59.2	38.3' RT	1
PB2	79+79.3	24.8' RT	1
PB3	79+79.1	24.7' LT	1
PB4	79+98.9	37.4' LT	1
PB5	80+43.7	37.8' LT	1
PB6	80+60.1	24.8' LT	1
PB7	80+60.2	24.9' RT	1
PB8	80+43.2	44.0' RT	1
PB9	79+99.6	44.1' RT	1
INTERSECTION TOTAL			9
ITEM TOTALS			**26**

CONDUIT

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
STH 33 & DRAPER STREET			
CB1	PB1	--	15
PB1	PB2	--	106
PB2	PB3	--	50
PB3	PB4	--	104
PB4	PB5	--	66
PB5	PB6	--	114
PB6	PB7	--	110
PB7	PB8	--	96
PB2	SB1	--	5
PB3	SB2	5	--
PB4	SB3	5	--
PB5	SB4	18	--
PB6	SB5	--	6
PB6	SB6	28	--
PB7	SB7	12	--
PB8	SB8	5	--
INTERSECTION TOTAL		73	672
STH 33 & BROADWAY			
CB1	PB1	--	27
PB1	PB2	--	108
PB2	PB3	--	122
PB3	PB4	--	104
PB4	PB5	--	212
PB5	PB6	--	102
PB6	PB7	--	178
PB7	PB8	--	110
PB7	PB9	--	124
PB9	CB1	--	15
PB1	SB1	25	--
PB2	SB2	10	--
PB3	SB3	--	14
PB4	SB4	13	--
PB4	SB5	13	--
PB5	SB6	11	--
PB6	SB7	--	13
PB7	LB1	20	--
PB8	SB8	9	--
INTERSECTION TOTAL		101	1129
STH 33 & EAST STREET			
CB1	PB1	--	15
PB1	PB2	--	48
PB2	PB3	--	100
PB3	PB4	--	46
PB4	PB5	--	92
PB5	PB6	--	42
PB6	PB7	--	100
PB7	PB8	--	52
PB8	PB9	--	88
PB9	CB1	--	15
PB1	SB1	--	6
PB2	SB2	8	--
PB3	SB3	--	7
PB4	SB4	6	--
PB5	SB5	5	--
PB5	SB6	5	--
PB6	SB7	5	--
PB7	SB8	--	6
PB8	SB9	11	--
INTERSECTION TOTAL		40	617
ITEM TOTALS		**214**	**2418**

PULL BOX REMOVALS

EXISTING PULL BOX NUMBER	653.0905 REMOVING PULL BOXES EACH
STH 33 & DRAPER STREET	
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
INTERSECTION TOTAL	9
STH 33 & BROADWAY	
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
INTERSECTION TOTAL	10
STH 33 & EAST STREET	
PB1	1
PB2	1
PB3	1
INTERSECTION TOTAL	3
ITEM TOTALS	**22**

CONCRETE BASES

BASE NUMBER	STATION	LOCATION	654.0101 CONCRETE BASES TYPE 1 EACH	654.0102 CONCRETE BASES TYPE 2 EACH	654.0105 CONCRETE BASES TYPE 5 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
STH 33 & DRAPER STREET							
SB1	38+26.4	23.8' LT	--	--	--	1	--
SB2	38+49.2	33.9' LT	1	--	--	--	--
SB3	39+06.3	34.4' LT	--	1	--	--	--
SB4	39+17.2	27.3' LT	--	1	--	--	--
SB5	39+28.6	28.3' RT	--	--	--	1	--
SB6	39+06.7	27.9' RT	1	--	--	--	--
SB7	38+68.7	27.5' RT	--	1	--	--	--
SB8	38+35.9	27.1' RT	1	--	--	--	--
CB1	38+21.6	29.8' RT	--	--	--	--	1
INTERSECTION TOTAL			3	3	0	2	1
STH 33 & BROADWAY							
SB1	65+90.1	47.7' RT	--	1	--	--	--
SB2	65+77.4	40.5' RT	1	--	--		--
SB3	65+81.4	26.1' LT	--	--	--	1	--
SB4	66+06.2	26.7' LT	--	1	--	--	--
SB5	66+31.5	26.6' LT	1	--	--	--	--
SB6	67+14.5	26.8' LT	1	--	--	--	--
SB7	67+38.7	26.9' RT	--	--	--	1	--
SB8	66+38.6	33.1' RT	--	1	--	--	--
LB1	66+65.9	63.2' RT	--	--	1	--	--
CB1	65+90.6	81.5' RT	--	--	--	--	1
INTERSECTION TOTAL			3	3	1	2	1
STH 33 & EAST STREET							
SB1	79+94.9	34.6' RT	--	--	--	1	--
SB2	79+86.2	26.2' RT	1	--	--		--
SB3	79+85.9	25.6' LT	--	--	--	1	--
SB4	79+94.1	33.6' LT	1	--	--	--	--
SB5	80+43.1	41.8' LT	--	--	--	1	--
SB6	80+46.5	33.5' LT	1	--	--	--	--
SB7	80+54.8	26.1' LT	1	--	--	--	--
SB8	80+54.8	25.7' RT	--	--	--	1	--
SB9	80+46.4	33.6' RT	1	--	--	--	--
CB1	79+95.5	40.7' RT	--	--	--	--	1
INTERSECTION TOTAL			5	0	0	4	1
ITEM TOTALS			**11**	**6**	**1**	**8**	**3**

TRAFFIC SIGNAL CABLE NO. 14 (ABOVE GROUND)

FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5 - 14 AWG LF	*655.0240 CABLE TRAFFIC SIGNAL 7 - 14 AWG LF
STH 33 & DRAPER STREET			
SB1	HEAD 8	36	--
SB2	HEAD 9	19	--
SB2	HEAD 12	15	--
SB3	HEAD 14	15	--
SB4	HEAD 4	--	22
SB4	HEAD 13	15	--
SB4	HEAD 6	21	--
SB5	HEAD 2	34	--
SB5	HEAD 3	24	--
SB5	HEAD 5	--	50
SB6	HEAD 10	19	--
SB6	HEAD 15	15	--
SB7	HEAD 11	19	--
SB8	HEAD 1	19	--
SB8	HEAD 7	19	--
INTERSECTION TOTAL		270	72

FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5 - 14 AWG LF	*655.0240 CABLE TRAFFIC SIGNAL 7 - 14 AWG LF
STH 33 & BROADWAY			
SB1	HEAD 12	15	--
SB1	HEAD 17	15	--
SB2	HEAD 1	21	--
SB2	HEAD 7	--	22
SB3	HEAD 13	15	--
SB3	HEAD 6	24	--
SB3	HEAD 5	--	36
SB3	HEAD 8	--	50
SB4	HEAD 10	19	--
SB5	HEAD 11	19	--
SB5	HEAD 14	15	--
SB6	HEAD 4	19	--
SB6	HEAD 2	19	--
SB7	HEAD 3	24	--
SB8	HEAD 15	15	--
SB8	HEAD 16	15	--
SB8	HEAD 9	21	--
INTERSECTION TOTAL		256	108

FROM	TO	CABLE TRAFFIC SIGNAL 5 - 14 AWG LF	CABLE TRAFFIC SIGNAL 7 - 14 AWG LF
STH 33 & EAST STREET			
SB1	HEAD 16	--	41
SB1	HEAD 17	15	--
SB2	HEAD 1	21	--
SB2	HEAD 9	22	--
SB2	HEAD 24	--	15
SB3	HEAD 18	15	--
SB3	HEAD 8	--	24
SB3	HEAD 7	36	--
SB3	HEAD 10	51	--
SB4	HEAD 14	19	--
SB4	HEAD 19	--	15
SB5	HEAD 12	39	--
SB5	HEAD 13	--	24
SB6	HEAD 21	15	--
SB7	HEAD 4	--	22
SB7	HEAD 6	21	--
SB7	HEAD 20	--	15
SB8	HEAD 2	--	36
SB8	HEAD 3	24	--
SB8	HEAD 5	51	--
SB8	HEAD 23	--	15
SB9	HEAD 11	24	--
SB9	HEAD 15	--	21
SB9	HEAD 22	15	--
INTERSECTION TOTAL		368	228
ITEM TOTALS		**894**	**408**

TRAFFIC SIGNAL CABLE NO. 14 (BELOW GROUND)

FROM	TO	*655.0240 CABLE TRAFFIC SIGNAL 7 - 14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12 - 14 AWG LF
STH 33 & DRAPER STREET			
CB1	SB1	106	--
CB1	SB2	--	147
CB1	SB3	215	--
CB1	SB4	--	277
CB1	SB5	--	179
CB1	SB6	--	201
CB1	SB7	114	--
CB1	SB8	--	43
INTERSECTION TOTAL		435	847
STH 33 & BROADWAY			
CB1	SB1	--	61
CB1	SB2	--	116
CB1	SB3	--	197
CB1	SB4	264	--
CB1	SB5	--	264
CB1	SB6	--	309
CB1	SB7	244	--
CB1	SB8	--	190
INTERSECTION TOTAL		508	1137
STH 33 & EAST STREET			
CB1	SB1	--	38
CB1	SB2	--	80
CB1	SB3	--	145
CB1	SB4	--	183
CB1	SB5	--	241
CB1	SB6	242	--
CB1	SB7	--	205
CB1	SB8	--	140
CB1	SB9	--	103
INTERSECTION TOTAL		242	1135
ITEM TOTALS		**1185**	**3119**

* ITEMS SHOWN ELSEWHERE IN THE PLANS

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

LIGHTING WIRE

FROM	TO	655.0305 CABLE TYPE UF 2 - 12 AWG GROUNDED LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF
STH 33 & DRAPER STREET			
CB1	SB1	106	--
SB1	LUMIN	--	144
SB1	SB3	142	--
SB3	LUMIN	--	144
CB1	SB4	277	--
SB4	LUMIN	--	144
INTERSECTION TOTAL		525	432
STH 33 & BROADWAY			
CB1	SB1	61	--
SB1	LUMIN	--	144
SB1	SB3	140	--
SB3	LUMIN	--	144
CB1	SB8	187	--
SB8	LUMIN	--	144
SB8	LB1	125	--
LB1	LUMIN	--	144
LB1	SB7	162	--
SB7	LUMIN	--	144
INTERSECTION TOTAL		513	576
STH 33 & EAST STREET			
CB1	SB1	38	--
SB1	LUMIN	--	144
SB1	SB3	143	--
SB3	LUMIN	--	144
CB1	SB8	140	--
SB8	LUMIN	--	144
INTERSECTION TOTAL		321	432
ITEM TOTALS		**1359**	**1440**

ELECTRIC WIRE TRAFFIC SIGNALS

FROM	TO	655.0510 ELECTRICAL WIRE TRAFFIC SIGNALS 12 AWG LF
STH 33 & DRAPER STREET		
CB1	SB1	90
SB1	SB2	75
SB2	SB3	102
SB3	SB4	96
SB4	SB5	121
SB5	SB6	58
SB6	SB7	135
SB7	SB8	105
SB8	CB1	43
INTERSECTION TOTAL		825
STH 33 & BROADWAY		
CB1	SB1	61
SB1	SB2	129
SB2	SB3	125
SB3	SB4	119
SB4	SB5	50
SB5	SB6	170
SB6	SB7	115
SB7	SB8	222
SB8	CB1	190
INTERSECTION TOTAL		1181
STH 33 & EAST STREET		
CB1	SB1	38
SB1	SB2	78
SB2	SB3	105
SB3	SB4	76
SB4	SB5	97
SB5	SB6	34
SB6	SB7	71
SB7	SB8	101
SB8	SB9	83
SB9	CB1	103
INTERSECTION TOTAL		786
ITEM TOTALS		**2792**

SIGNAL HEAD NUMBER	SIGNAL BASE NUMBER	658.0173 TRAFFIC SIGNAL FACE 3S-12 INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S-12 INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
STH 33 & DRAPER STREET				
1	8	1	--	--
2	5	1	--	--
3	5	1	--	--
4	4	--	1	--
5	5	--	1	--
6	4	1	--	--
7	8	1	--	--
8	1	1	--	--
9	2	1	--	--
10	6	1	--	--
11	7	1	--	--
12	2	--	--	1
13	4	--	--	1
14	3	--	--	1
15	6	--	--	1
INTERSECTION TOTAL		9	2	4

SIGNAL HEAD NUMBER	SIGNAL BASE NUMBER	658.0173 TRAFFIC SIGNAL FACE 3S-12 INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S-12 INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
STH 33 & BROADWAY				
1	2	1	--	--
2	6	1	--	--
3	7	1	--	--
4	6	1	--	--
5	3	1	--	--
6	3	1	--	--
7	2	--	1	--
8	3	--	1	--
9	8	1	--	--
10	4	1	--	--
11	5	1	--	--
12	1	--	--	1
13	3	--	--	1
14	5	--	--	1
15	8	--	--	1
16	8	--	--	1
17	1	--	--	1
INTERSECTION TOTAL		9	2	6

SIGNAL HEAD NUMBER	SIGNAL BASE NUMBER	658.0173 TRAFFIC SIGNAL FACE 3S-12 INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S-12 INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
STH 33 & EAST STREET				
1	2	1	--	--
2	8	1	--	--
3	8	1	--	--
4	7	--	1	--
5	8	--	1	--
6	7	1	--	--
7	3	1	--	--
8	3	1	--	--
9	2	--	1	--
10	3	--	1	--
11	9	1	--	--
12	5	1	--	--
13	5	1	--	--
14	4	1	--	--
15	9	1	--	--
16	1	1	--	--
17	1	--	--	1
18	4	--	--	1
19	3	--	--	1
20	7	--	--	1
21	6	--	--	1
22	9	--	--	1
23	7	--	--	1
24	2	--	--	1
INTERSECTION TOTAL		12	4	8
ITEM TOTALS		**30**	**8**	**18**

FURNISH AND INSTALL TRAFFIC SIGNAL CABINET AND CONTROLLER

LOCATION	SPV.0060.76 FURNISH AND INSTALL TRAFFIC SIGNAL CABINET AND CONTROLLER EACH	SPV.0060.77 FURNISH AND INSTALL TRAFFIC SIGNAL CABINET AND CONTROLLER EACH	SPV.0060.78 FURNISH AND INSTALL TRAFFIC SIGNAL CABINET AND CONTROLLER EACH
STH 33 & DRAPER STREET	1	--	--
STH 33 & BROADWAY	--	1	--
STH 33 & EAST STREET	--	--	1
ITEM TOTALS	**1**	**1**	**1**

FURNISH AND INSTALL VIDEO VEHICLE DETECTION SYSTEM

LOCATION	SPV.0060.79 FURNISH AND INSTALL VIDEO VEHICLE DETECTION SYSTEM EACH	SPV.0060.80 FURNISH AND INSTALL VIDEO VEHICLE DETECTION SYSTEM EACH	SPV.0060.81 FURNISH AND INSTALL VIDEO VEHICLE DETECTION SYSTEM EACH
STH 33 & DRAPER STREET	1	--	--
STH 33 & BROADWAY	--	1	--
STH 33 & EAST STREET	--	--	1
ITEM TOTALS	**1**	**1**	**1**

ELECTRICAL SERVICE METER BREAKER PEDESTAL

LOCATION	656.0201.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH	656.0201.02 ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH	656.0201.03 ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH
STH 33 & DRAPER STREET	1	--	--
STH 33 & BROADWAY	--	1	--
STH 33 & EAST STREET	--	--	1
ITEM TOTALS	**1**	**1**	**1**

SIGNAL MOUNTING HARDWARE

LOCATION	658.5070.01 SIGNAL MOUNTING HARDWARE EACH	658.5070.02 SIGNAL MOUNTING HARDWARE EACH	658.5070.03 SIGNAL MOUNTING HARDWARE EACH
STH 33 & DRAPER STREET	1	--	--
STH 33 & BROADWAY	--	1	--
STH 33 & EAST STREET	--	--	1
ITEM TOTALS	**1**	**1**	**1**

REMOVE, DISASSEMBLE, AND SALVAGE TRAFFIC SIGNALS

LOCATION	SPV.0060.73 REMOVE, DISASSEMBLE, AND SALVAGETRAFFIC SIGNALS EACH	SPV.0060.74 REMOVE, DISASSEMBLE, AND SALVAGETRAFFIC SIGNALS EACH	SPV.0060.75 REMOVE, DISASSEMBLE, AND SALVAGETRAFFIC SIGNALS EACH
STH 33 & DRAPER STREET	1	--	--
STH 33 & BROADWAY	--	1	--
STH 33 & EAST STREET	--	--	1
ITEM TOTALS	**1**	**1**	**1**

ITS ITEMS

FROM	TO	671.0112 CONDUIT HDPE 1-DUCT 2-INCH LF	673.0105 COMMUNICATONS VAULT TYPE 1 EACH
STH 33 & DRAPER STREET			
ASH STREET	LINCOLN AVE	5100	7
ITEM TOTALS		**5100**	**7**

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

CAST BASES, POLES, MONOTUBE ARMS, LUMINAIRES, AND PUSH BUTTONS

SIGNAL BASE NUMBER	657.0100 PEDESTAL BASES EACH	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2 INCH BOLT CIRCLE EACH	657.0315 POLES TYPE 4 EACH	657.0321 POLES TYPE 5 - STEEL EACH	657.0346 POLES TYPE 9-OVER HEIGHT EACH	657.0351 POLES TYPE 10-OVER HEIGHT EACH	657.0345 POLES TYPE 9 EACH	657.0350 POLES TYPE 10 EACH	657.0420 TRAFFIC SIGNAL STANDARDS ALUMINUM 13 - FT EACH	657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15 - FT EACH	657.0430 TRAFFIC SIGNAL STANDARDS ALUMINUM 10 - FT EACH	657.0515 MONOTUBE ARMS 15-FT EACH	657.0520 MONOTUBE ARMS 20-FT EACH	657.0530 MONOTUBE ARMS 30-FT EACH	657.0614 LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 8-FT EACH	657.0615 LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 8-FT EACH	657.0808 LUMINAIRE ARMS STEEL 8-FT EACH	658.0500 PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.97 LED LUMINAIRE EACH
STH 33 & DRAPER STREET																				
SB1	--	--	--	--	--	1	--	--	--	--	--	1	--	--	--	--	1	--	1	
SB2	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	
SB3	--	1	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	1	1	
SB4	--	1	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	1	1	
SB5	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	--	--	--	
SB6	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	
SB7	--	1	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	
SB8	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	
INTERSECTION TOTAL	3	3	3	0	1	1	0	0	3	0	0	1	0	1	3	0	1	4	3	
STH 33 & BROADWAY																				
SB1	--	1	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	2	1	
SB2	1	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	
SB3	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--	1	1	1	
SB4	--	1	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	
SB5	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	
SB6	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	
SB7	--	1	--	--	--	1	--	--	--	--	--	1	--	--	--	--	1	--	1	
SB8	--	1	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	2	1	
LB1	--	1	--	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	1	
INTERSECTION TOTAL	3	5	3	1	0	2	0	0	2	1	0	1	0	1	3	1	2	6	5	
STH 33 & EAST STREET																				
SB1	--	--	--	--	--	--	--	1	--	--	--	--	1	--	--	--	1	1	1	
SB2	1	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	
SB3	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--	1	1	1	
SB4	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	
SB5	--	--	--	--	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	
SB6	1	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	1	--	
SB7	1	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	
SB8	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--	1	1	1	
SB9	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	
INTERSECTION TOTAL	5	0	0	0	0	2	1	1	2	2	1	0	2	2	0	0	3	8	3	
ITEM TOTALS	**11**	**8**	**6**	**1**	**1**	**5**	**1**	**1**	**7**	**3**	**1**	**2**	**2**	**4**	**6**	**1**	**6**	**18**	**11**	

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

3

3

PULL BOX ITEMS

NO.	653.0164 PULL BOXES NON-CONDUCTIVE 24X42-INCH EACH
LPB1	1
LPB2	1
LPB3	1
LPB4	1
LPB5	1
LPB6	1
LPB7	1
LPB8	1
LPB9	1
LPB10	1
LPB11	1
LPB12	1
LPB13	1
LPB14	1
LPB15	1
LPB16	1
LPB17	1
LPB18	1
LPB19	1
ITEM TOTAL	19

LIGHTING CONTROL CABINET

CABINET	654.0224 CONCRETE CONTROL CABINET BASES TYPE L24 EACH	656.0201 ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH	659.2124 LIGHTING CONTROL CABINETS 120/240 24-INCH EACH
LCC-A	1	1	1
LCC-B	1	1	1
LCC-C	1	1	1
ITEM TOTAL	3	3	3

ALL ITEMS ARE CATEGORY 0020

LIGHTING UNIT ITEMS

LIGHTING UNIT NO.	654.0105 CONCRETE BASES TYPE 5 EACH	657.0255 TRANFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0322 POLES TYPE 5 ALUMINUM EACH	657.0610 LUMINAIRE ARMS SINGLE MEMBER 4 1/2 INCH CLAMP 6-FT EACH	SPV.0060.97 LED LUMINAIRE EACH
LCC-A-1	1	1	1	1	1
LCC-A-2	1	1	1	1	1
LCC-A-3	1	1	1	1	1
LCC-A-4	1	1	1	1	1
LCC-A-5	1	1	1	1	1
LCC-A-6	1	1	1	1	1
LCC-A-7	1	1	1	1	1
LCC-A-8	1	1	1	1	1
LCC-A-9	1	1	1	1	1
LCC-A-10	1	1	1	1	1
LCC-B-11	1	1	1	1	1
LCC-B-12	1	1	1	1	1
LCC-B-13	1	1	1	1	1
LCC-B-14	1	1	1	1	1
LCC-B-15	1	1	1	1	1
LCC-B-16	1	1	1	1	1
LCC-B-17	1	1	1	1	1
LCC-B-18	1	1	1	1	1
LCC-B-19	1	1	1	1	1
LCC-B-20	1	1	1	1	1
LCC-B-21	1	1	1	1	1
LCC-B-22	1	1	1	1	1
LCC-B-23	1	1	1	1	1
LCC-B-24	1	1	1	1	1
LCC-B-25	1	1	1	1	1
LCC-B-26	1	1	1	1	1
LCC-B-27	1	1	1	1	1
LCC-B-28	1	1	1	1	1
LCC-B-29	1	1	1	1	1
LCC-B-30	1	1	1	1	1
LCC-B-31	1	1	1	1	1
LCC-B-32	1	1	1	1	1
LCC-C-33	1	1	1	1	1
LCC-C-34	1	1	1	1	1
LCC-C-35	1	1	1	1	1
LCC-C-36	1	1	1	1	1
LCC-C-37	1	1	1	1	1
LCC-C-38	1	1	1	1	1
LCC-C-39	1	1	1	1	1
LCC-C-40	1	1	1	1	1
LCC-C-41	1	1	1	1	1
LCC-C-42	1	1	1	1	1
LCC-C-43	1	1	1	1	1
LCC-C-44	1	1	1	1	1

LIGHTING UNIT ITEMS (CONT.)

LIGHTING UNIT NO.	654.0105 CONCRETE BASES TYPE 5 EACH	657.0255 TRANFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0322 POLES TYPE 5 ALUMINUM EACH	657.0610 LUMINAIRE ARMS SINGLE MEMBER 4 1/2 INCH CLAMP 6-FT EACH	SPV.0060.97 LED LUMINAIRE EACH
LCC-C-45	1	1	1	1	1
LCC-C-46	1	1	1	1	1
LCC-C-47	1	1	1	1	1
LCC-C-48	1	1	1	1	1
LCC-C-49	1	1	1	1	1
LCC-C-50	1	1	1	1	1
LCC-C-51	1	1	1	1	1
LCC-C-52	1	1	1	1	1
LCC-C-53	1	1	1	1	1
LCC-C-54	1	1	1	1	1
LCC-C-55	1	1	1	1	1
LCC-C-56	1	1	1	1	1
LCC-C-57	1	1	1	1	1
LCC-C-58	1	1	1	1	1
LCC-C-59	1	1	1	1	1
LCC-B-60	1	1	1	1	1
LCC-B-61	1	1	1	1	1
LCC-B-62	1	1	1	1	1
LCC-B-63	1	1	1	1	1
LCC-B-64	1	1	1	1	1
LCC-B-65	1	1	1	1	1
LCC-A-66	1	1	1	1	1
LCC-A-67	1	1	1	1	1
LCC-A-68	1	1	1	1	1
LCC-A-69	1	1	1	1	1
LCC-A-70	1	1	1	1	1
LCC-A-71	1	1	1	1	1
LCC-A-72	1	1	1	1	1
LCC-A-73	1	1	1	1	1
LCC-A-74	1	1	1	1	1
LCC-A-75	1	1	1	1	1
LCC-A-76	1	1	1	1	1
LCC-A-77	1	1	1	1	1
LCC-A-78	1	1	1	1	1
LCC-A-79	1	1	1	1	1
ITEM TOTAL	79	79	79	79	79

ALL ITEMS ARE CATEGORY 0020

LIGHTING ELECTRICAL WIRE AND CONDUIT ITEMS

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG LF
LCC-A	LPB19	57		201
LPB19	LCC-A-71	148	120	474
LCC-A-71	LCC-A-72	132	120	426
LCC-A-72	LCC-A-73	113	120	369
LCC-A-73	LCC-A-74	120	120	390
LCC-A-74	LCC-A-75	123	120	399
LCC-A-75	LCC-A-76	131	120	423
LCC-A-76	LCC-A-77	133	120	429
LCC-A-77	LCC-A-78	133	120	429
LCC-A-78	LCC-A-79	133	120	429
LCC-A	LPB19			201
LPB19	LCC-A-70	253	120	789
LCC-A-70	LCC-A-69	180	120	570
LCC-A-69	LPB1	88		294
LPB1	LCC-A-1	41	120	153
LCC-A-1	LCC-A-2	169	120	537
LCC-A-2	LCC-A-3	166	120	528
LCC-A-3	LCC-A-4	171	120	543
LCC-A-4	LPB2	38		288
LPB2	LCC-A-68	81	120	273
LPB2	LCC-A-5	172	120	546
LCC-A-5	LCC-A-6	174	120	552
LCC-A-6	LPB3	60		420
LPB3	LCC-A-67	64	120	222
LPB3	LCC-A-7	131	120	423
LCC-A-7	LCC-A-8	171	120	543
LCC-A-8	LCC-A-9	148	120	474
LCC-A-9	LPB4	48		348
LPB4	LCC-A-66	76	120	258
LPB4	LCC-A-10	135	120	435
LCC-B	LCC-B-21	169	120	537
LCC-B-21	LCC-B-20	137	120	441
LCC-B-20	LPB9	133		858
LPB9	LCC-B-63	76	120	258
LPB9	LCC-B-19	46	120	168
LCC-B-19	LCC-B-18	152	120	486
LCC-B-18	LCC-B-17	143	120	459
LCC-B-17	LPB8	135		435
LPB8	LCC-B-64	76	120	258
LPB8	LCC-B-16	46	120	336
LCC-B-16	LCC-B-15	173	120	549
LCC-B-15	LPB7	255		795
LPB7	LPB6	64		222

LIGHTING ELECTRICAL WIRE AND CONDUIT ITEMS (CONT.)

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG LF
LPB6	LCC-B-14	147	120	471
LCC-B-14	LCC-B-13	145	120	465
LCC-B-13	LPB5	157		501
LPB5	LCC-B-62	75	120	255
LPB5	LCC-B-12	45	120	330
LCC-B-12	LCC-B-11	143	120	459
LCC-B	LCC-B-22	204	120	642
LCC-B-22	LCC-B-23	127	120	411
LCC-B-23	LCC-B-24	128	120	414
LCC-B-24	LPB10	66		456
LPB10	LCC-B-62	67	120	231
LPB10	LCC-B-25	130	120	420
LCC-B-25	LCC-B-26	142	120	456
LCC-B-26	LPB11	96		318
LPB11	LPB18	59		207
LPB18	LCC-B-61	48	120	174
LPB11	LCC-B-27	41	120	306
LCC-B-27	LCC-B-28	163	120	519
LCC-B-28	LCC-B-29	125	120	405
LCC-B-29	LCC-B-30	124	120	402
LCC-B-30	LPB12	47		342
LPB12	LCC-B-60	75	120	255
LPB12	LCC-B-31	163	120	519
LCC-B-31	LCC-B-32	144	120	462
LCC-C	LCC-C-43	160	120	510
LCC-C-43	LCC-C-42	147	120	471
LCC-C-42	LCC-C-41	167	120	531
LCC-C-41	LCC-C-40	162	120	516
LCC-C-40	LPB14	154		492
LPB14	LCC-C-58	61	120	213
LPB14	LCC-C-39	95	120	630
LCC-C-39	LCC-C-38	160	120	510
LCC-C-38	LCC-C-37	163	120	519
LCC-C-37	LCC-C-36	163	120	519
LCC-C-36	LCC-C-35	162	120	516
LCC-C-35	LPB13	108		708
LPB13	LPB17	56		198
LPB17	LCC-C-59	47	120	171
LPB13	LCC-C-34	108	120	354
LCC-C-34	LCC-C-33	166	120	528
LCC-C	LCC-C-44	14	120	72
LCC-C-44	LPB15	45		330
LPB15	LCC-C-57	74	120	252
LPB15	LCC-C-45	147	120	471
LCC-C-45	LCC-C-46	161	120	513

ALL ITEMS ARE CATEGORY 0020

3

LIGHTING ELECTRICAL WIRE AND CONDUIT ITEMS (CONT.)

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG LF
LCC-C-46	LCC-C-47	161	120	513
LCC-C-47	LCC-C-48	162	120	516
LCC-C-48	LCC-C-49	162	120	516
LCC-C-49	LCC-C-50	154	120	492
LCC-C-50	LPB16	61		426
LPB16	LCC-C-56	71	120	243
LPB16	LCC-C-51	128	120	414
LCC-C-51	LCC-C-52	152	120	486
LCC-C-52	LCC-C-53	152	120	486
LCC-C-53	LCC-C-54	152	120	486
LCC-C-54	LCC-C-55	149	120	477
	ITEM TOTAL	11879	9480	41667

ALL ITEMS ARE CATEGORY 0020

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
5090-05-20
REEDSBURG-BARABOO
W MULBERRY ST TO E V LIMITS
STH 33
SAUK COUNTY

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
TO BE REMOVED
BRIDGE
CULVERT

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED)

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER 25
UTILITY NUMBER 40
PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

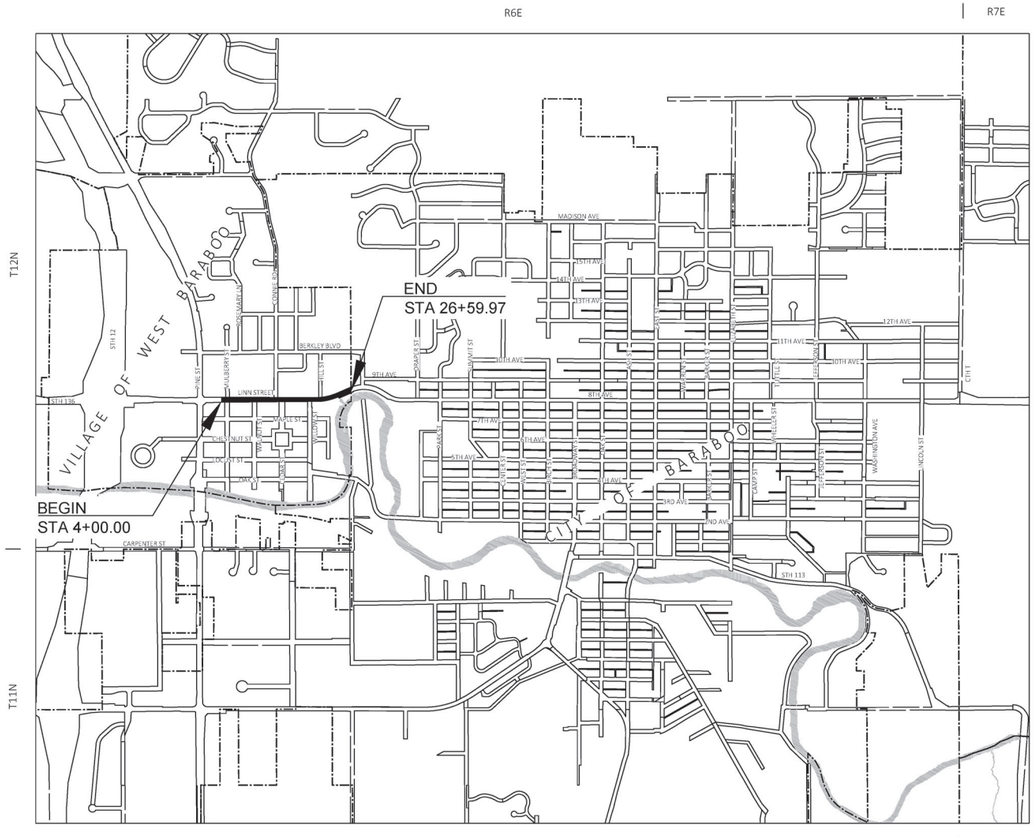
ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
BUILDING	B	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	RW
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

W	WATER
G	GAS
T	TELEPHONE
OH	OVERHEAD TRANSMISSION LINES
E	ELECTRIC
TV	CABLE TELEVISION
FO	FIBER OPTIC
SAN	SANITARY SEWER
SS	STORM SEWER



THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 5090-05-20

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

NGS CONTROL POINTS UTILIZED: PID:D115698 - DESIGNATION FAIRFIELD E GPS AZ MK, PID: DH5468 - DESIGNATION: GREENFIELD W GPS, PID: DH5391 - DESIGNATION: BARABOO N GPS.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN LA CROSSE, WI

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

FOR EXISTING HIGHWAY RIGHT-OF-WAY AND ACCESS CONTROL POINTS OF REFERENCE SEE INDIVIDUAL TPP DETAIL PAGES.

PROJECT NUMBER 5090-05-20 -4. 01
SHEET 2 OF 3

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-20_TITLE PAGE.DWG
LAYOUT NAME: TPP Title 34x22
PLOT DATE : 8/11/2021 4:11 PM PLOT BY : DAVE YOUNGER PLOT NAME : _____ APPRAISAL PLAT DATE : 07-16-2021

DOCUMENT #: **1227745**
Recorded: 11-19-2021 at 11:13 AM
BRENT BAILEY
SAUK COUNTY REGISTER OF DEEDS
REGISTRAR'S OFFICE
Sauk Co, WI
RECEIVED FOR RECORD
Fee Amount: $25.00
This document has been filed electronically

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5090-05-20 - 4.01
AMENDMENT NO. 1
SHEET 1 OF 2

TRANSPORTATION PROJECT PLAT NO: 5090-05-20 - 4.01 - AMENDMENT NO. 1

AMENDS PARCEL NO. 4 AND ADDS PARCEL NO. 5 OF TRANSPORTATION PROJECT PLAT 5090-05-20 - 4.01 RECORDED AS DOCUMENT NO. 1222935
PART OF LOT 1 OF CERTIFIED SURVEY MAP C-1718 RECORDED IN VOLUME 7 PAGE 1718 AS DOCUMENT NUMBER 487069, AND PART OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER, AND PART OF LOTS 2,3,4,5 AND 6 OF BLOCK 2 AND LOTS 1,2,3,4,5 AND 6 OF BLOCK 3 AND LOT 1 OF BLOCK 4 OF THE PLAN OF THE TOWN OF LYONS, BEING PART OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER AND PART LOT 1 OF BLOCK 2 OF THE PLAN OF THE TOWN OF LYONS, BEING PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 34, TOWN 12 NORTH, RANGE 6 EAST, VILLAGE OF WEST BARABOO, SAUK COUNTY, WISCONSIN.

RELOCATION ORDER STH 33, REEDSBURG-BARABOO, W MULBERRY ST TO E V LIMITS, SAUK COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(B), 84.09, AND 84.30 WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09(1) OR (2) WISCONSIN STATUTES.

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFERENCE LINE NOT NECESSARILY CONSTRUCTION REFERENCE LINE.

BUILDINGS WILL NOT BE AFFECTED BY TLES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN LA CROSSE, WI

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN SAUK COUNTY AS SHEET 2 OF 3 OF DOCUMENT #1222935.

SEE SHEET 2 OF 2 FOR DETAIL A AND DETAIL B

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR S.T.H. "33": PREVIOUS PROJECT NUMBER 5090-00-21, THE PLAN OF THE TOWN OF LYONS, CSM C-1718 AND OTHER SURVEYS ON FILE IN THE SAUK COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR MULBERRY STREET: THE PLAN OF THE TOWN OF LYONS, AND OTHER SURVEYS ON FILE IN THE SAUK COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR WALNUT STREET: THE PLAN OF THE TOWN OF LYONS AND OTHER SURVEYS ON FILE IN THE SAUK COUNTY SURVEYORS OFFICE AS LABELED.

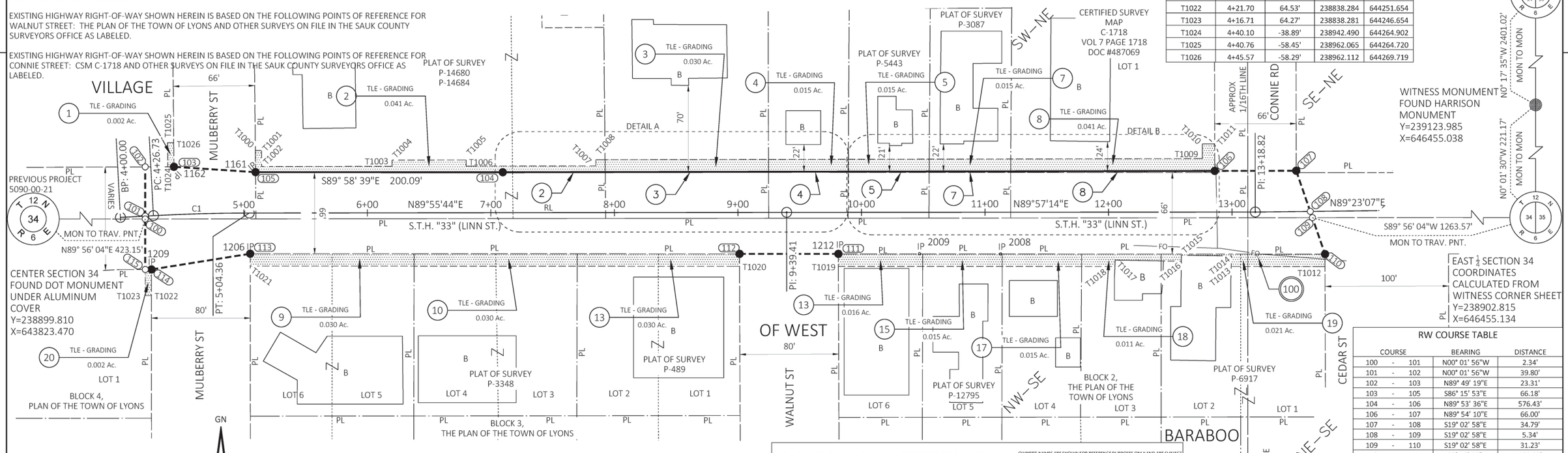
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CONNIE STREET: CSM C-1718 AND OTHER SURVEYS ON FILE IN THE SAUK COUNTY SURVEYORS OFFICE AS LABELED.

R/W POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
100	4+19.96	2.34'	238900.293	644246.619
101	4+20.08	0.00'	238902.633	644246.618
102	4+22.17	-39.74'	238942.433	644246.595
103	4+44.97	-38.69'	238942.506	644269.905
104	7+09.59	-32.77'	238938.116	644536.035
105	5+09.50	-33.09'	238938.194	644335.945
106	12+86.00	-33.28'	238939.190	645112.467
107	13+52.33	-33.00'	238939.301	645178.464
108	13+63.33	0.00'	238906.416	645189.819
109	13+65.02	5.06'	238901.368	645191.561
110	13+74.90	34.69'	238871.849	645201.754
111	9+81.26	33.66'	238872.001	644807.774
112	9+01.24	33.55'	238872.033	644727.774
113	5+05.10	32.90'	238872.188	644331.634
114	4+22.81	43.39'	238859.442	644251.644
115	4+17.82	43.14'	238859.426	644246.644

TLE POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
T1000	5+09.35	-50.57'	238955.673	644335.782
T1001	5+14.35	-50.59'	238955.698	644340.782
T1002	5+14.46	-37.65'	238942.752	644340.903
T1003	6+20.00	-37.71'	238942.949	644446.443
T1004	6+20.00	-42.71'	238947.949	644446.437
T1005	6+80.00	-42.75'	238948.061	644506.437
T1006	6+80.00	-37.75'	238943.061	644506.443
T1007	7+85.00	-37.81'	238943.257	644611.443
T1008	7+85.00	-42.81'	238948.257	644611.437
T1009	12+76.00	-43.27'	238949.171	645102.451
T1010	12+75.99	-55.12'	238961.026	645102.432
T1011	12+85.99	-55.09'	238961.006	645112.432
T1012	13+74.82	44.69'	238861.857	645201.787
T1013	12+99.35	44.04'	238861.886	645125.875
T1014	12+99.60	35.54'	238870.387	645126.119
T1015	12+59.06	34.83'	238871.065	645085.580
T1016	12+58.98	39.77'	238866.121	645085.504
T1017	12+05.36	38.80'	238867.054	645031.886
T1018	12+05.14	43.93'	238861.923	645031.668
T1019	9+81.29	43.66'	238862.009	644807.811
T1020	9+01.27	43.55'	238862.041	644727.811
T1021	5+05.10	42.90'	238862.196	644331.641
T1022	4+21.70	64.53'	238838.284	644251.654
T1023	4+16.71	64.27'	238838.281	644246.654
T1024	4+40.10	-38.89'	238942.490	644264.902
T1025	4+40.76	-58.45'	238962.065	644264.720
T1026	4+45.57	-58.29'	238962.112	644269.719



UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	CenturyLink - FIBER OPTIC	RELEASE OF RIGHTS

100 CenturyLink - FIBER OPTIC
NO RECORD EASEMENT - PARCEL 19

ALIGNMENT INFORMATION

BP STA=4+00.00
Y=238901.573
X=644226.565
DA=N86°57'48"E

C1
PI STA = 4+65.55
Y = 238905.046
X = 644292.026
DELTA = 2°57'55" RT
D=003° 49' 11"
T = 38.83'
L = 77.63'
R = 1500.00'
LCH=77.63'
LCB=N88° 26' 46"E
PC STA = 4+26.73
PT STA = 5+04.36

PI STA=9+39.41
Y=238905.635
X=644765.902
DELTA=179°58'30" RT

PI STA=13+18.82
Y=238905.941
X=645145.310
DELTA=179°25'54" LT

EXISTING MONUMENTS

POINT	STATION	OFFSET	Y COORD	X COORD	DESCRIPTION
1161	5+09.58	-32.62'	238937.722	644336.032	DRILL HOLE
1162	4+44.28	-36.84'	238940.626	644269.264	1/4 INCH IR
1206	5+04.20	33.09'	238872.007	644330.739	1/4 INCH IR LEAN NLY
1209	4+22.01	43.19'	238859.607	644250.837	1/4 INCH IR
1212	9+81.36	32.01'	238873.658	644807.879	1 INCH IP
2008	11+12.58	33.82'	238871.958	644939.096	3/4 INCH REBAR
2009	10+46.94	33.52'	238872.205	644873.455	3/4 INCH REBAR

SCHEDULE OF LAND AND INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	RW ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
1	JOEY M. VAN WIE & CRYSTAL VAN WIE	TLE				0.002
2	BAC, LLC	FEE, TLE	8 sq ft	10,629 sq ft	10,637 sq ft	0.041
3	WISCONSIN RIVER TITLE CONSULTANTS LLC	FEE, TLE	0.001	0.113	0.114	0.030
4	LINN STREET, LLC	FEE, TLE	0.001	0.055	0.056	0.015
5	PHILIP V. HERRITZ	FEE, TLE	0.001	0.056	0.057	0.015
7	DAVID A. GERFEN & LEAH GERFEN	FEE, TLE	0.001	0.056	0.057	0.015
8	DARREN A. SHIELDS & CYNTHIA L. ENNIS	FEE, TLE	0.004	0.163	0.167	0.041
9	QSM HOLDINGS, LLC	TLE				0.030
10	BARABOO, SCHOOL DISTRICT OF	TLE				0.030
13	TOP HAT HOLDINGS, LLC	TLE				0.046
15	JORDAN D. VOLK & ASHLI VOLK	TLE				0.015
17	JUSTINE F. BRADLEY	TLE				0.015
18	JOHN E. EDWARDS	TLE				0.011
19	BAND BOX CLEANERS & LAUNDRY, LLC	TLE				0.021
20	TERESA K, LLC	TLE				0.002

RW COURSE TABLE

COURSE			BEARING	DISTANCE
100	-	101	N00° 01' 56"W	2.34'
101	-	102	N00° 01' 56"W	39.80'
102	-	103	N89° 49' 19"E	23.31'
103	-	105	S86° 15' 53"E	66.18'
104	-	106	N89° 53' 36"E	576.43'
106	-	107	N89° 54' 10"E	66.00'
107	-	108	S19° 02' 58"E	34.79'
108	-	109	S19° 02' 58"E	5.34'
109	-	110	S19° 02' 58"E	31.23'
110	-	111	N89° 58' 39"W	393.98'
111	-	112	N89° 58' 39"W	80.00'
112	-	113	N89° 58' 39"W	396.14'
113	-	114	S80° 56' 45"W	81.00'
114	-	115	S89° 49' 19"W	5.00'
115	-	100	N00° 01' 56"W	40.86'
100	-	109	N89° 56' 04"E	944.94'

ONEIDA Engineering Solutions

I, DAVID J. YOUNGER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DAVID J. YOUNGER S-2816 GREEN BAY, WISCONSIN LAND SURVEYOR

SIGNATURE: _____ DATE:11/19/2021
PRINT NAME: DAVID J. YOUNGER
REGISTRATION NUMBER: S-2816

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION - LA CROSSE

SIGNATURE: _____ DATE: 11/19/2021
PRINT NAME: CORY SCHLAGEL

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-20_040101_RP_AMENDMENT 1.DWG
PLOT DATE : 11/19/2021 8:59 AM PLOT BY : DAVE YOUNGER PLOT NAME : PLOT SCALE : 1"=40'
APPRAISAL PLAT DATE : 11-19-2021

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN SAUK COUNTY AS SHEET 2 OF 3 OF DOCUMENT #1222935.

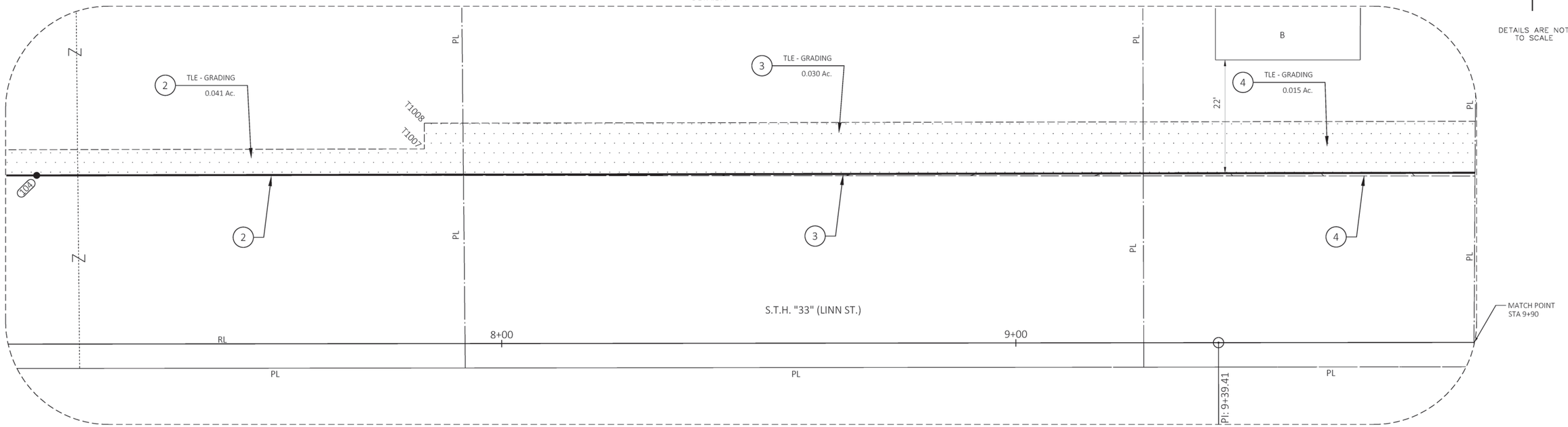
TRANSPORTATION PROJECT PLAT NO: 5090-05-20 - 4.01 - AMENDMENT NO. 1
EXTENSION SHEET

RELOCATION ORDER STH 33, REEDSBURG-BARABOO, W MULBERRY ST TO E V LIMITS, SAUK COUNTY

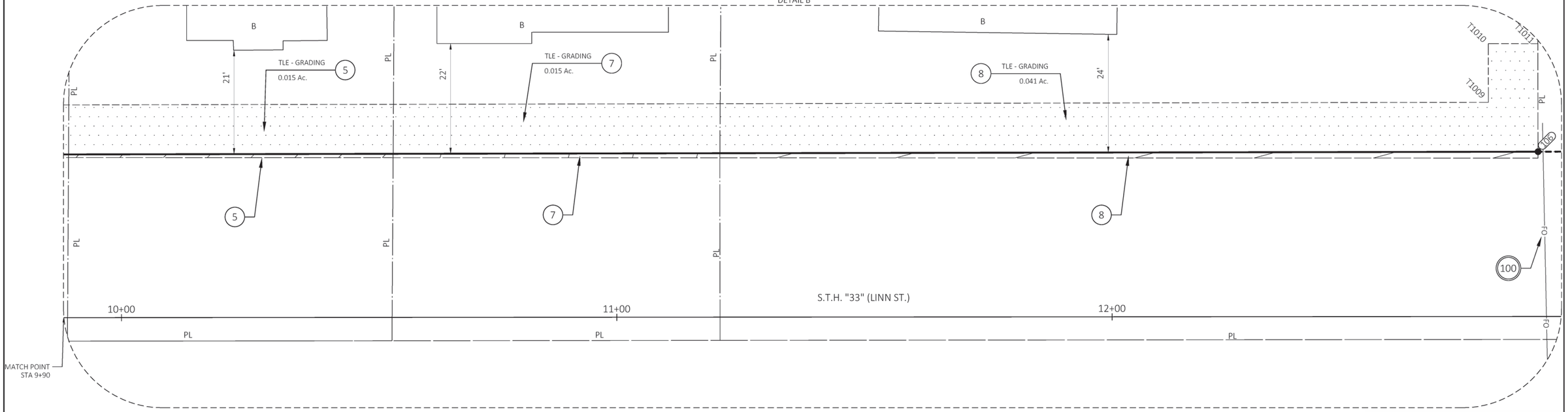
GN

DETAILS ARE NOT TO SCALE

DETAIL A



DETAIL B



TPP NUMBER 5090-05-20 - 4.01
AMENDMENT NO. 1
SHEET 2 OF 2

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-20_040101_RP_AMENDMENT 1.DWG PLOT DATE : 8/4/2021 4:05 PM PLOT BY : DAVE YOUNGER PLOT NAME : _____ PLOT SCALE : 1"=40'

DOCUMENT #: **1224940**
Recorded: 09-24-2021 at 10:43 AM
BRENT BAILEY
SAUK COUNTY REGISTER OF DEEDS
REGISTRAR'S OFFICE
Sauk Co, WI
RECEIVED FOR RECORD
Fee Amount: $30.00
This document has been filed electronically

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5090-05-20 - 4.02
SHEET 1 OF 2

TRANSPORTATION PROJECT PLAT NO: 5090-05-20 - 4.02

PART OF LOTS 1,2,3,4,5 AND 6 BLOCK 1 OF PLAN OF THE TOWN OF LYONS BEING PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER, AND PART OF LOT 1 OF CERTIFIED SURVEY MAP C-2001 RECORDED IN VOLUME 8 PAGE 2001 AS DOCUMENT NUMBER 514672, AND PART OF LOTS 2,3 AND 4 OF CERTIFIED SURVEY MAP C-6739 RECORDED IN VOLUME 40 PAGE 6739 AS DOCUMENT NUMBER 1174887, IN AND INCLUDING PART OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER ALL IN SECTION 34, TOWN 12 NORTH, RANGE 6 EAST, VILLAGE OF WEST BARABOO, SAUK COUNTY, WISCONSIN.

RELOCATION ORDER STH 33, REEDSBURG-BARABOO, W MULBERRY ST TO E V LIMITS, SAUK COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(B), 84.09, AND 84.30 WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09(1) OR (2) WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

NGS CONTROL POINTS UTILIZED: PID:DH5698 - DESIGNATION FAIRFIELD E GPS AZ MK, PID: DH5468 - DESIGNATION: GREENFIELD W GPS, PID: DH5391 - DESIGNATION: BARABOO N GPS.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFERENCE LINE NOT NECESSARILY CONSTRUCTION REFERENCE LINE.

BUILDINGS WILL NOT BE AFFECTED BY TLEs.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN LA CROSSE, WI

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN SAUK COUNTY AS SHEET 2 OF 3 OF DOCUMENT #1222935

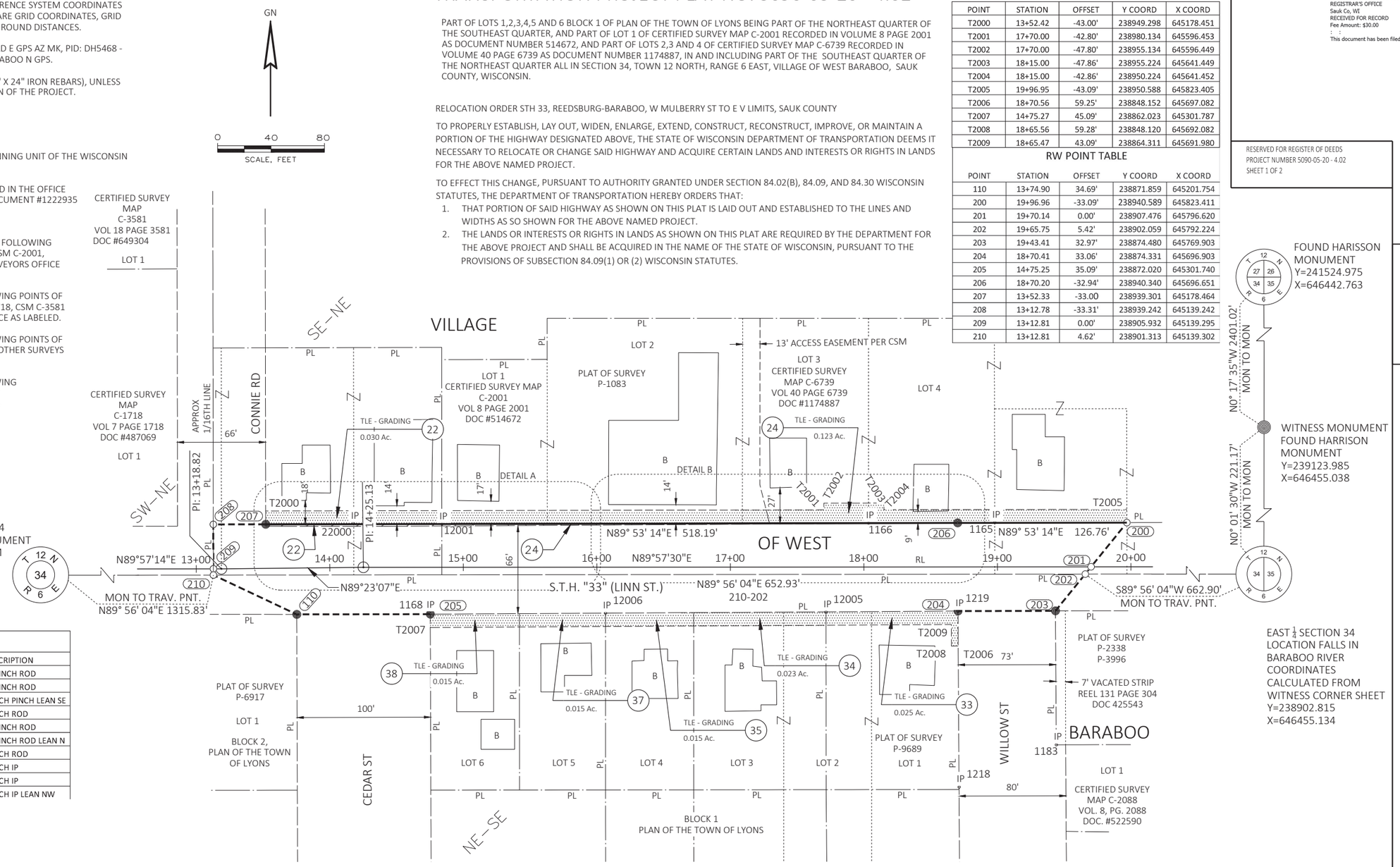
SEE SHEET 2 OF 2 OF THIS DOCUMENT FOR DETAIL A AND DETAIL B

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 33: PLAN OF THE TOWN OF LYONS, CSM C-2001, CSM C-6739 AND OTHER SURVEYS ON FILE IN THE SAUK COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CONNIE ROAD: CSM C-2001, CSM C-6739, CSM C-1718, CSM C-3581 AND OTHER SURVEYS ON FILE IN THE SAUK COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CEDAR STREET: PLAN OF THE TOWN OF LYONS AND OTHER SURVEYS ON FILE IN THE SAUK COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR WILLOW STREET: PLAN OF THE TOWN OF LYONS ND OTHER SURVEYS ON FILE IN THE SAUK COUNTY SURVEYORS OFFICE AS LABELED.



TLE POINT TABLE

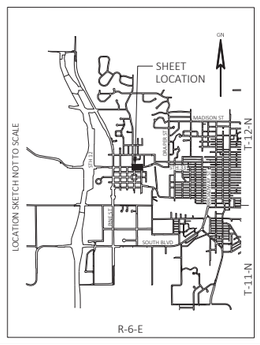
POINT	STATION	OFFSET	Y COORD	X COORD
T2000	13+52.42	-43.00'	238949.298	645178.451
T2001	17+70.00	-42.80'	238980.134	645596.453
T2002	17+70.00	-47.80'	238955.134	645596.449
T2003	18+15.00	-47.86'	238955.224	645641.449
T2004	18+15.00	-42.86'	238950.224	645641.452
T2005	19+96.95	-43.09'	238950.588	645823.405
T2006	18+70.56	59.25'	238848.152	645697.082
T2007	14+75.27	45.09'	238862.023	645301.787
T2008	18+65.56	59.28'	238848.120	645692.082
T2009	18+65.47	43.09'	238864.311	645691.980

RW POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
110	13+74.90	34.69'	238871.859	645201.754
200	19+96.96	-33.09'	238940.589	645823.411
201	19+70.14	0.00'	238907.476	645796.620
202	19+65.75	5.42'	238902.059	645792.224
203	19+43.41	32.97'	238874.480	645769.903
204	18+70.41	33.06'	238874.331	645696.903
205	14+75.25	35.09'	238872.020	645301.740
206	18+70.20	-32.94'	238940.340	645696.651
207	13+52.33	-33.00	238939.301	645178.464
208	13+12.78	-33.31'	238939.242	645139.242
209	13+12.81	0.00'	238905.932	645139.295
210	13+12.81	4.62'	238901.313	645139.302

EXISTING MONUMENT

POINT	STATION	OFFSET	Y COORD	X COORD	DESCRIPTION
1165	18+98.00	-33.14'	238940.565	645724.455	3/4 INCH ROD
1166	18+03.49	-32.91'	238940.270	645629.945	3/4 INCH ROD
1168	14+74.35	33.76'	238873.361	645300.856	1 INCH PINCH LEAN SE
1183	19+44.00	133.22'	238774.234	645770.579	1 INCH ROD
1218	18+71.23	164.82'	238742.584	645697.833	3/4 INCH ROD
1219	18+70.53	32.98'	238874.428	645697.035	3/4 INCH ROD LEAN N
12001	14+84.06	-32.41'	238939.532	645310.519	1 INCH ROD
12005	17+71.56	33.68'	238873.649	645598.069	2 INCH IP
12006	16+06.47	34.38'	238872.834	645432.981	1 INCH IP
22000	14+18.07	-32.93'	238939.929	645244.198	1 INCH IP LEAN NW



ALIGNMENT INFORMATION

PI STA=13+18.82
Y=238905.941
X=645145.310
DELTA=179°25'54" LT

PI STA=14+25.13
Y=238907.081
X=645251.618
DELTA=179°25'37" RT

RW COURSE TABLE

COURSE			BEARING	DISTANCE
210	-	209	N00° 05' 25"W	4.62'
209	-	208	N00° 05' 25"W	33.31'
208	-	207	N89° 53' 14"E	39.22'
200	-	201	S38° 59' 12"W	42.60'
201	-	202	S38° 59' 12"W	6.97'
202	-	203	S38° 59' 12"W	35.48'
203	-	204	S89° 53' 14"W	73.00'
204	-	205	S89° 39' 51"W	395.17'
205	-	110	S89° 54' 17"W	100.00'
110	-	210	N64° 44' 35"W	69.05'

SCHEDULE OF LAND AND INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	RW ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
22	PARCHEM RENTALS LLC	FEE, TLE	0.004	0.145	0.149	0.030
24	WEST HILL DEVELOPMENT LLC	FEE, TLE	0.007	0.444	0.451	0.123
33	WEBER RENTALS LLC	TLE				0.025
34	JILL L LUCE	TLE				0.023
35	HAROLD L. & KATHRYN C. MEYER	TLE				0.015
37	RICKY C MERGEN & CYNTHIA J. MAYER	TLE				0.015
38	SEAN FOSTER	TLE				0.015

ONEIDA Engineering Solutions

I, DAVID J. YOUNGER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DAVID J YOUNGER S-2816 GREEN BAY, WISCONSIN LAND SURVEYOR

SIGNATURE: _____ DATE: 09/22/2021
PRINT NAME: DAVID J. YOUNGER
REGISTRATION NUMBER: S-2816

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION - LA CROSSE

SIGNATURE: _____ DATE: 09/22/2021
PRINT NAME: CORY SCHLAGEL

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-20_040102_RP.DWG
APPRAISAL PLAT DATE : 07-16-2021
PLOT DATE : 9/21/2021 4:26 PM PLOT BY : DAVE YOUNGER PLOT NAME : PLOT SCALE : 1"=40'

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN SAUK COUNTY AS SHEET 2 OF 3 OF DOCUMENT #1222935

BUILDINGS WILL NOT BE AFFECTED BY TLEs

TRANSPORTATION PROJECT PLAT NO: 5090-05-20 - 4.02
EXTENSION SHEET

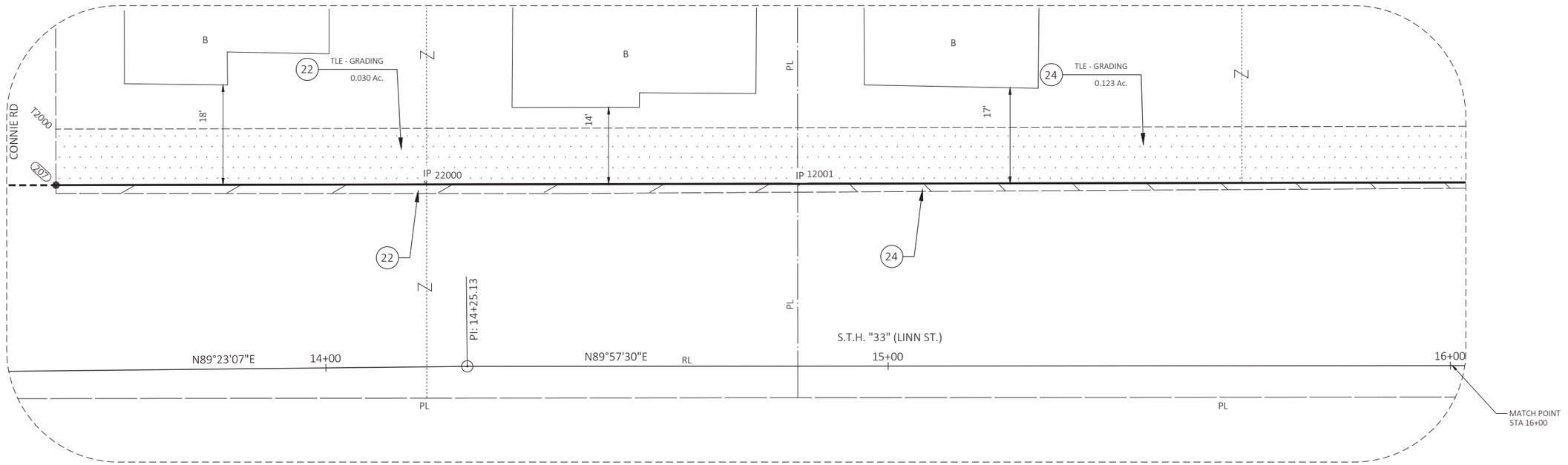
RELOCATION ORDER STH 33, REEDSBURG-BARABOO, W MULBERRY ST TO E V LIMITS, SAUK COUNTY

GN

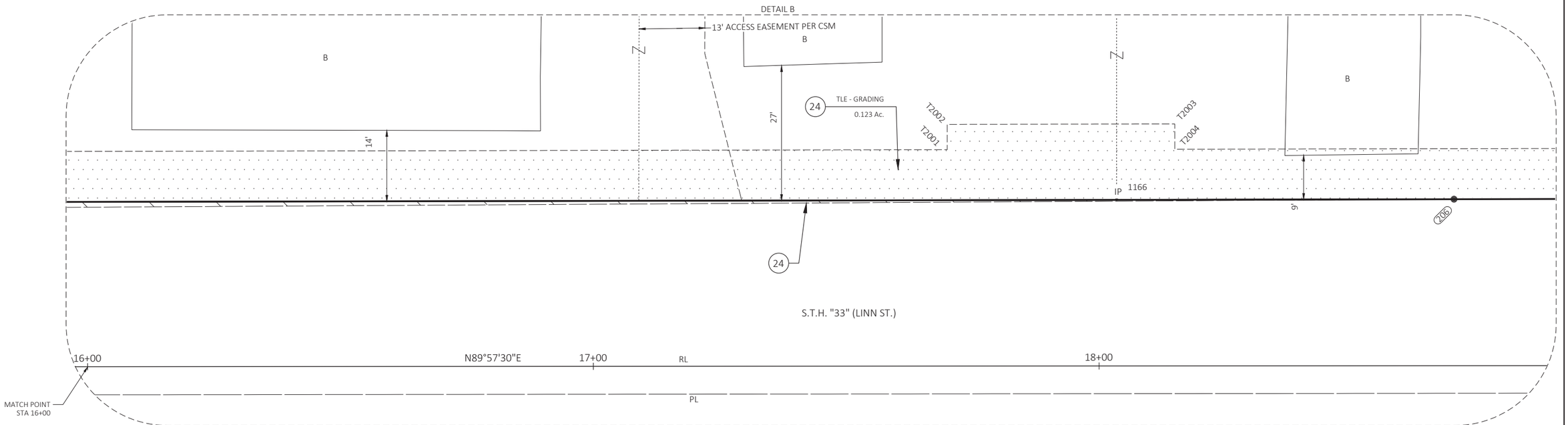
DETAILS ARE NOT TO SCALE

4

DETAIL A



DETAIL B



TPP NUMBER 5090-05-20 - 4.02
SHEET 2 OF 2

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-20_040102_RP.DWG PLOT DATE : 8/4/2021 4:05 PM PLOT BY : DAVE YOUNGER PLOT NAME : PLOT SCALE : 1"=40'

DOCUMENT #: **1224941**
Recorded: 09-24-2021 at 10:43 AM
BRENT BAILEY
SAUK COUNTY REGISTER OF DEEDS
REGISTRAR'S OFFICE
Sauk Co, WI
RECEIVED FOR RECORD
Fee Amount: $30.00
This document has been filed electronically

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5090-05-20 - 4.03
SHEET 1 OF 2

TRANSPORTATION PROJECT PLAT NO: 5090-05-20 - 4.03

PART OF LOT 1 OF CERTIFIED SURVEY MAP C-2700 RECORDED IN VOL 12 PAGE 2700 AS DOCUMENT NO. 581006, PART OF LOT 2 OF CERTIFIED SURVEY MAP C-3101 RECORDED IN VOL 14 PAGE 3101 AS DOCUMENT NO. 613182, AND PART OF LOT 1 OF CERTIFIED SURVEY MAP C-1823 RECORDED IN VOL 7 PAGE 1823 AS DOCUMENT NO. 498681, AND PART OF LOT 1 OF CERTIFIED SURVEY MAP C-337 RECORDED IN VOL 2 PAGE 337 AS DOCUMENT NO. 406177 IN AND INCLUDING PART OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER, AND PART OF LOT 1 OF CERTIFIED SURVEY MAP C-1823 RECORDED IN VOL 7 PAGE 1823 AS DOCUMENT NO. 498681, PART OF LOT 1 OF CERTIFIED SURVEY MAP C-337 RECORDED IN VOL 2 PAGE 337 AS DOCUMENT NO. 406177, PART OF LOT 4 OF CERTIFIED SURVEY MAP C-2088 RECORDED IN VOL 8 PAGE 2088 AS DOCUMENT NO. 522590 BEING PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER AND PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER ALL IN SECTION 34, TOWN 12 NORTH, RANGE 6 EAST, VILLAGE OF WEST BARABOO, SAUK COUNTY, WISCONSIN.

RELOCATION ORDER STH 33, REEDSBURG-BARABOO, W MULBERRY ST TO E V LIMITS, SAUK COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(B), 84.09, AND 84.30 WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09(1) OR (2) WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

NGS CONTROL POINTS UTILIZED: PID:DH5698 - DESIGNATION FAIRFIELD E GPS AZ MK, PID: DH5468 - DESIGNATION: GREENFIELD W GPS, PID: DH5391 - DESIGNATION: BARABOO N GPS.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFERENCE LINE NOT NECESSARILY CONSTRUCTION REFERENCE LINE.

BUILDINGS WILL NOT BE AFFECTED BY TLEs

SEE SHEET 2 OF 2 OF THIS DOCUMENT FOR ADDITIONAL INFORMATION

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN LA CROSSE, WI

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN SAUK COUNTY AS SHEET 2 OF 3 OF DOCUMENT #1222935

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 33:
PREVIOUS PROJECT 5091-1-71, PREVIOUS PROJECT 5092-00-01, PREVIOUS PROJECT 418-B, CSM C-2700, CSM C-2156, CSM C-3101, CSM C-337, CSM C-2088 AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR HILL STREET: HILL STREET SUBDIVISION AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR WILLOW STREET: CSM C-2088, PLAN OF THE TOWN OF LYONS AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

SCHEDULE OF LAND AND INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

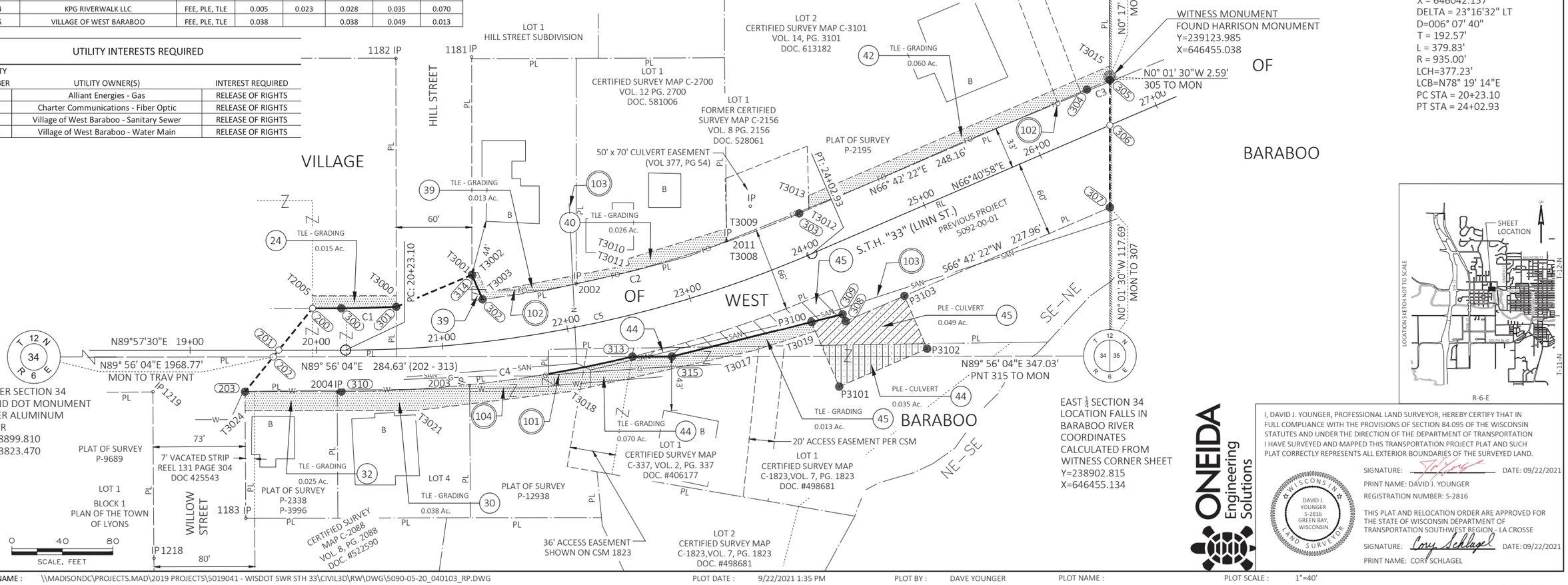
PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	RW ACRES REQUIRED NEW	EXISTING	TOTAL	PLE ACRES	TLE ACRES
24	WEST HILL DEVELOPMENT LLC	FEE, TLE		0.059	0.059		0.015
39	DAVID VAN SYLKE	FEE, TLE	0.002		0.002		0.013
40	KARL A DENKER	TLE					0.026
42	TIME FEDERAL SAVINGS BANK	TLE					0.060
32	JOSHUA SKILONDZ & AMANDA HEBEL	TLE					0.025
30	ROY G AND JANE M FRANZEN	TLE					0.038
44	KPG RIVERWALK LLC	FEE, PLE, TLE	0.005	0.023	0.028	0.035	0.070
45	VILLAGE OF WEST BARABOO	FEE, PLE, TLE	0.038		0.038	0.049	0.013

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	Alliant Energies - Gas	RELEASE OF RIGHTS
102	Charter Communications - Fiber Optic	RELEASE OF RIGHTS
103	Village of West Baraboo - Sanitary Sewer	RELEASE OF RIGHTS
104	Village of West Baraboo - Water Main	RELEASE OF RIGHTS

EASEMENT TABLE

OWNER	RECORDING INFORMATION	LOCATED IN RW PARCEL #
VILLAGE OF WEST BARABOO - SANITARY SEWER	DOC# 338051 VOL 311 PAGE 392	39
VILLAGE OF WEST BARABOO - SANITARY SEWER	DOC# 1030170	39
VILLAGE OF WEST BARABOO - STORM SEWER	DOC #390304 VOL 377 PAGE 54	42
VILLAGE OF WEST BARABOO - SANITARY SEWER	NO DOCUMENT PROVIDED	44, 45
VILLAGE OF WEST BARABOO - SANITARY SEWER	P-2195	42
VILLAGE OF WEST BARABOO - WATER MAIN	DOC #478835 REEL 408 IMG 423	30, 44
THOMAS E. & KAREN J. WAKEFIELD	DOC #755904	42
TOJO INC.		
THOMAS E. & KAREN J. WAKEFIELD	DOC #774212	42
TOJO INC.		
ALLIANT ENERGY	NO DOCUMENT PROVIDED	44
CHARTER COMMUNICATIONS	NO DOCUMENT PROVIDED	39, 40, 42



ALIGNMENT INFORMATION

C5
PI STA = 22+15.67
Y = 238907.655
X = 646042.157
DELTA = 23°16'32" LT
D=006° 07' 40"
T = 192.57'
L = 379.83'
R = 935.00'
LCH=377.23'
LCB=N78° 19' 14"E
PC STA = 20+23.10
PT STA = 24+02.93

ONEIDA Engineering Solutions

I, DAVID J. YOUNGER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 09/22/2021
PRINT NAME: DAVID J. YOUNGER
REGISTRATION NUMBER: S-2816

DAVID J. YOUNGER S-2816 GREEN BAY, WISCONSIN LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION - LA CROSSE

SIGNATURE: _____ DATE: 09/22/2021
PRINT NAME: CORY SCHLAGEL

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-20_040103_RP.DWG
PLOT DATE : 9/22/2021 1:35 PM PLOT BY : DAVE YOUNGER PLOT NAME : PLOT SCALE : 1"=40'
APPRAISAL PLAT DATE : 07-16-2021

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN SAUK COUNTY AS SHEET 2 OF 3 OF DOCUMENT #1222935

TRANSPORTATION PROJECT PLAT NO: 5090-05-20 - 4.03
EXTENSION SHEET

RELOCATION ORDER STH 33, REEDSBURG-BARABOO, W MULBERRY ST TO E V LIMITS, SAUK COUNTY

4

R/W POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
200	19+96.96	-33.09'	238940.589	645823.411
201	19+70.14	0.00'	238907.476	645796.620
202	19+65.75	5.42'	238902.059	645792.224
203	19+43.41	32.97'	238874.480	645769.903
300	20+19.71	-33.12'	238940.633	645846.172
301	20+64.73	-33.31'	238941.747	645889.697
302	21+36.00	-33.52'	238947.683	645958.140
303	24+06.31	-33.28'	239015.782	646208.927
304	26+54.47	-33.18'	239113.916	646436.859
305	26+74.13	-32.85'	239121.397	646455.040
306	26+59.98	0.00'	239085.627	646455.055
307	26+34.23	59.81'	239020.507	646455.084
308	24+06.27	59.72'	238930.366	646245.700
309	24+06.27	53.68'	238935.904	646243.313
310	20+19.79	32.88'	238874.630	645846.292
313	22+44.85	32.37'	238902.380	646076.861
314	21+29.56	-53.80'	238967.092	645949.661
315	22+73.97	40.17'	238902.415	646108.101

EXISTING MONUMENT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD	DESCRIPTION
1181	21+55.23	-225.06'	239139.725	645949.411	2 INCH IP
1182	20+76.21	-229.90'	239138.580	645889.449	2 INCH IP
1183	19+44.00	133.22'	238774.234	645770.579	1 INCH ROD
1218	18+71.23	164.82'	238742.584	645697.833	3/4 INCH ROD
1219	18+70.53	32.98'	238874.428	645697.035	3/4 INCH ROD LEAN N
2002	22+13.86	-33.54'	238959.883	646032.187	3/4 INCH ROD
2003	21+18.06	32.99'	238879.587	645947.749	3/4 INCH ROD
2004	20+16.38	33.27'	238874.241	645842.892	3/4 INCH ROD
2011	23+42.54	-34.34'	238994.131	646151.277	1 INCH ROD

CURVE TABLE

CURVE #	LENGTH	RADIUS	LCH	LCB	DELTA
C1	43.55'	921.93'	43.54'	N88°32'03"E	2°42'22" LT
C2	260.73'	921.93'	259.87'	N74°48'30"E	16°12'15" LT
C3	19.66'	680.63'	19.66'	N67°38'09"E	01°39'18" LT
C4	232.77'	987.93'	232.23'	S83°08'15"W	13°29'59" RT

RW COURSE TABLE

COURSE			BEARING	DISTANCE
202	-	201	N38° 59' 12"E	6.97'
201	-	200	N38° 59' 12"E	42.60'
200	-	300	N89° 53' 14"E	22.75'
300	-	301	SEE CURVE TABLE - C1	
301	-	314	N67° 05' 15"E	65.10'
314	-	302	S23° 35' 54"E	21.18'
302	-	303	SEE CURVE TABLE - C2	
304	-	305	SEE CURVE TABLE - C3	
305	-	306	S00° 01' 30"E	35.77'
306	-	307	S00° 01' 30"E	65.12'
308	-	309	N23° 19' 34"W	6.03'
309	-	315	S76° 05' 32"W	139.30'
315	-	313	S89° 56' 04"W	31.24'
313	-	310	SEE CURVE TABLE - C4	
310	-	203	S89° 53' 14"W	76.38'
203	-	202	N38° 59' 12"E	35.48'

TLE POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
T2005	19+96.95	-43.09'	238950.588	645823.405
T3000	20+65.15	-42.27'	238950.721	645889.684
T3001	21+29.80	-55.79'	238969.094	645949.659
T3002	21+34.65	-55.23'	238969.077	645954.251
T3003	21+39.88	-38.53'	238953.111	645961.226
T3008	23+42.58	-33.49'	238993.336	646151.601
T3009	23+46.01	-43.48'	239003.849	646151.320
T3010	22+60.00	-43.62'	238979.754	646072.971
T3011	22+60.00	-38.62'	238974.914	646074.228
T3012	24+14.75	-33.28'	239019.117	646216.680
T3013	24+18.75	-43.28'	239029.881	646216.393
T3015	26+76.80	-43.65'	239132.603	646454.982
T3017	23+34.46	54.97'	238907.166	646173.188
T3018	21+92.71	49.19'	238874.605	646027.167
T3019	23+82.41	57.50'	238922.669	646221.660
T3021	20+76.73	49.42'	238859.752	645906.054
T3024	19+43.49	47.97'	238859.484	645770.012

PLE COURSE TABLE

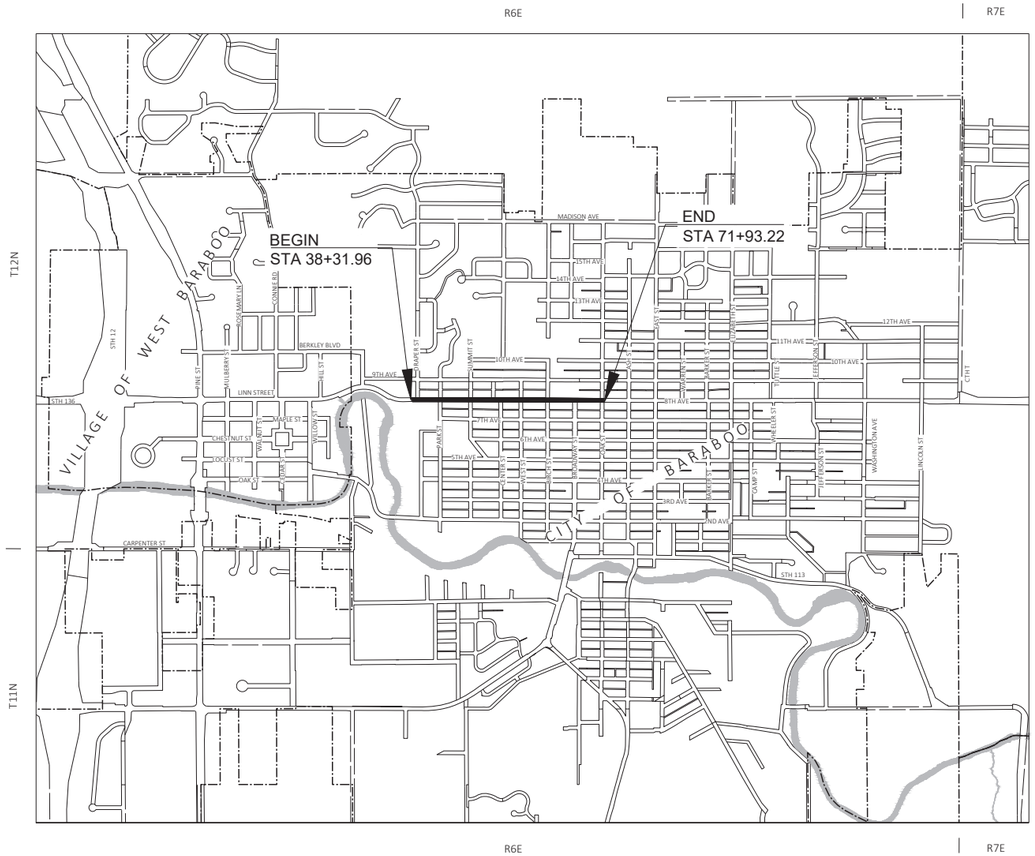
COURSE			BEARING	DISTANCE
307	-	P3103	S66° 42' 22"W	177.22'
P3103	-	308	S66° 42' 22"W	50.74'
309	-	P3100	S76° 05' 32"W	25.46'
P3100	-	315	S76° 05' 32"W	113.83'
P3103	-	P3102	S23° 17' 38"E	45.60'
P3102	-	P3101	S66° 42' 22"W	75.86'
P3101	-	P3100	N23° 17' 38"W	55.79'

PLE POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
P3100	23+82.25	49.76'	238929.784	646218.599
P3101	23+83.34	105.54'	238878.542	646240.661
P3102	24+56.99	105.34'	238908.540	646310.338
P3103	24+57.01	59.74'	238950.423	646292.305

TPP NUMBER 5090-05-20 - 4.03
SHEET 2 OF 2

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
5090-05-21
C BARABOO, EIGHTH STREET
W CITY LIMIT TO LINCOLN AVENUE
STH 33
SAUK COUNTY



THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 5090-05-21

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

NGS CONTROL POINTS UTILIZED: PID:D115698 - DESIGNATION FAIRFIELD E GPS AZ MK, PID: DH5468 - DESIGNATION: GREENFIELD W GPS, PID: DH5391 - DESIGNATION: BARABOO N GPS.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN LA CROSSE, WI

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

FOR EXISTING HIGHWAY RIGHT-OF-WAY AND ACCESS CONTROL POINTS OF REFERENCE SEE INDIVIDUAL TPP DETAIL PAGES.

CONVENTIONAL SYMBOLS

- SECTION LINE
- QUARTER LINE
- SIXTEENTH LINE
- NEW REFERENCE LINE
- NEW R/W LINE
- EXISTING R/W OR HE LINE
- PROPERTY LINE
- LOT, TIE & OTHER MINOR LINES
- SLOPE INTERCEPT
- CORPORATE LIMITS
- UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
- NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
- TEMPORARY LIMITED EASEMENT AREA
- EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
- TRANSMISSION STRUCTURES
- BUILDING
- TO BE REMOVED
- BRIDGE
- CULVERT
- SECTION CORNER SYMBOL
- SECTION CORNER MONUMENT
- GEODETIC SURVEY MONUMENT
- SIXTEENTH CORNER MONUMENT
- SIGN
- OFF-PREMISE SIGN
- R/W MONUMENT (TO BE SET)
- NON-MONUMENTED R/W POINT
- FOUND IRON PIN (1-INCH UNLESS NOTED)
- ELECTRIC POLE
- TELEPHONE POLE
- PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)
- ACCESS RESTRICTED BY ACQUISITION
- NO ACCESS (BY STATUTORY AUTHORITY)
- ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
- NO ACCESS (NEW HIGHWAY)
- PARCEL NUMBER 25
- UTILITY NUMBER 40
- PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
BUILDING	B	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	RW
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

- W — WATER
- G — GAS
- T — TELEPHONE
- OH — OVERHEAD TRANSMISSION LINES
- E — ELECTRIC
- TV — CABLE TELEVISION
- FO — FIBER OPTIC
- SAN — SANITARY SEWER
- SS — STORM SEWER

GN

LAYOUT
SCALE 0 0.25 MI

PROJECT NUMBER	5090-05-21 - 4. 01
SHEET	2 OF 2

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-21_TITLE PAGE.DWG
LAYOUT NAME: TPP Title 34x22

PLOT DATE : 8/11/2021 4:25 PM PLOT BY : DAVE YOUNGER PLOT NAME : _____ APPRAISAL PLAT DATE : 07-16-2021

TRANSPORTATION PROJECT PLAT NO: 5090-05-21 - 4.01

PART OF LOT 1 OF CERTIFIED SURVEY MAP C-3251 VOL 15 PAGE 3251 RECORDED AS DOCUMENT NO. 623405, AND PART OF SOUTHWEST QUARTER OF THE NORTHWEST QUARTER, PART OF LOT 1,2,3,4,5,6 AND 7 OF BLOCK 3 AND LOT 1 OF BLOCK 4 OF JOHN B. CRAWFORD'S ADDITION TO THE CITY OF BARABOO, AND PART OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER, AND PART OF LOT 7 OF BLOCK 16 OF MOORE & DROWN'S ADDITION TO THE CITY OF BARABOO AND PART OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 35, TOWNSHIP 12 NORTH, RANGE 6 EAST, CITY OF BARABOO, SAUK COUNTY, WISCONSIN.
RELOCATION ORDER STH 33, REEDSBURG-BARABOO, W MULBERRY ST TO E V LIMITS, SAUK COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF BARABOO DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22 WISCONSIN STATUTES, THE CITY OF BARABOO HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY CITY OF BARABOO FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF BARABOO, PURSUANT TO THE PROVISIONS OF SUBSECTION 62.22 WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

NGS CONTROL POINTS UTILIZED: PID:D115698 - DESIGNATION FAIRFIELD E GPS AZ MK, PID: DH5468 - DESIGNATION: GREENFIELD W GPS, PID: DH5391 - DESIGNATION: BARABOO N GPS.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF BARABOO, WI

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF THIS DOCUMENT.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 33: CSM C-2942, CSM C-3251, JOHN B. CRAWFORD'S ADDITION, MOORE AND DROWN'S ADDITION TO THE CITY OF BARABOO, AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR DRAPER STREET: CSM C-2942, CSM C-3251, JOHN B. CRAWFORD'S ADDITION AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR PARK STREET: JOHN B. CRAWFORD'S ADDITION AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

SCHEDULE OF LAND AND INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	RW ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
50	ADAM J. & ROBIN L. KLITZKE	FEE, TLE	0.004		0.004	0.007
51	JAMES C. DABEL & KATHRYN M. DABEL	TLE				0.003
52	GRIFFIN & KATHERINE JAMES	TLE				0.005
53	EDWIN A. TAYLOR & PATRICIA A TAYLOR	FEE, TEL	0.004		0.004	0.004
54	MARILYN E. ROHDE	FEE	0.005		0.005	
55	GLORIA C. OHIMA	FEE	0.006		0.006	
57	TMBT PROPERTIES LLC	FEE	0.007		0.007	
58	STEVEN A. CAPENER	FEE,TLE	0.025		0.025	0.003
60	ALONDRA LLC	TLE				0.001
61	KEVIN SHELLEY	TLE				0.004
62	CITY OF BARABOO	TLE				0.002

TLE POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
T5000	38+26.69	-40.83'	238939.561	647562.895
T5001	38+39.34	-40.82'	238939.641	647575.547
T5002	38+43.17	-46.50'	238945.348	647579.329
T5003	38+43.14	-80.58'	238979.427	647579.047
T5004	39+17.07	-50.54'	238949.854	647653.334
T5005	39+30.00	-34.83'	238934.211	647666.343
T5006	42+20.00	-35.21'	238936.001	647956.338
T5007	42+47.03	-58.29'	238959.206	647983.255
T5008	43+13.56	-41.64'	238943.345	648049.286
T5009	43+48.00	-41.56'	238943.899	648083.725
T5010	47+59.00	-35.54'	238945.506	648494.766
T5011	47+74.90	-49.99'	238960.246	648510.442
T5012	43+30.00	31.84'	238870.176	648067.09
T5013	43+10.50	51.88'	238849.786	648047.964
T5014	42+26.00	30.78'	238870.039	647962.658
T5015	42+26.00	33.78'	238867.039	647962.673
T5016	42+43.55	33.76'	238867.147	647980.219
T5017	42+43.23	49.60'	238851.299	647979.979
T5018	42+45.23	49.64'	238851.268	647981.979
T5019	38+26.70	-34.83'	238933.562	647562.945
T5020	38+51.14	-80.58'	238979.497	647587.047
T5021	39+29.99	-39.83'	238939.211	647666.312
T5022	39+22.08	-39.82'	238939.162	647658.395
T5023	39+22.07	-50.54'	238949.882	647658.334
T5024	42+19.99	-40.21'	238941.001	647956.307
T5025	42+42.04	-40.24'	238941.137	647978.351
T5026	42+42.03	-58.28'	238959.18	647978.255
T5027	43+48.00	-36.56'	238938.9	648083.818
T5028	47+59.00	-40.54'	238950.505	648494.674
T5029	47+69.72	-40.51'	238950.677	648505.394
T5030	47+69.95	-50.10'	238960.271	648505.442
T5031	43+30.00	36.85'	238865.176	648067.183
T5032	43+16.01	36.69'	238865.074	648053.196
T5033	43+15.50	51.89'	238849.87	648052.966
T5034	47+72.77	41.82'	238868.42	648509.95
T5035	47+60.00	41.67'	238868.33	648497.20
T5036	47+60.00	36.67'	238873.33	648497.11

ROW POINT TABLE

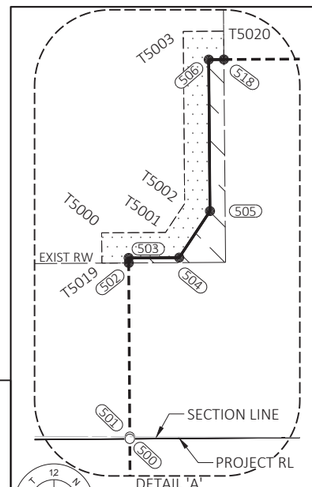
POINT	STATION	OFFSET	Y COORD	X COORD
500	38+31.96	0.00'	238898.768	647568.465
501	38+31.96	-0.42'	238899.189	647568.467
502	38+32.00	-34.83'	238933.599	647568.250
503	38+32.00	-35.83'	238934.599	647568.243
504	38+42.00	-35.81'	238934.662	647578.243
505	38+48.17	-44.97'	238943.864	647584.341
506	38+48.15	-74.97'	238973.863	647584.093
507	39+17.05	-74.94'	238974.266	647653.192
508	39+17.08	-34.81'	238934.137	647653.421
509	42+47.04	-35.25'	238936.173	647983.375
510	43+13.54	-36.64'	238938.351	648049.369
511	47+74.58	-35.50'	238945.761	648510.369
512	47+71.55	0.00'	238910.206	648507.978
513	47+72.07	14.09'	238896.127	648508.752
514	47+72.91	36.82'	238873.422	648510.000
515	43+11.18	31.63'	238870.039	648048.273
516	42+45.61	30.75'	238870.161	647982.263
517	38+31.92	31.17'	238867.598	647568.661
518	38+51.15	-74.97'	238973.889	647587.093
519	39+17.17	31.19'	238868.134	647653.829
520	47+74.43	-29.17'	238939.421	648510.337

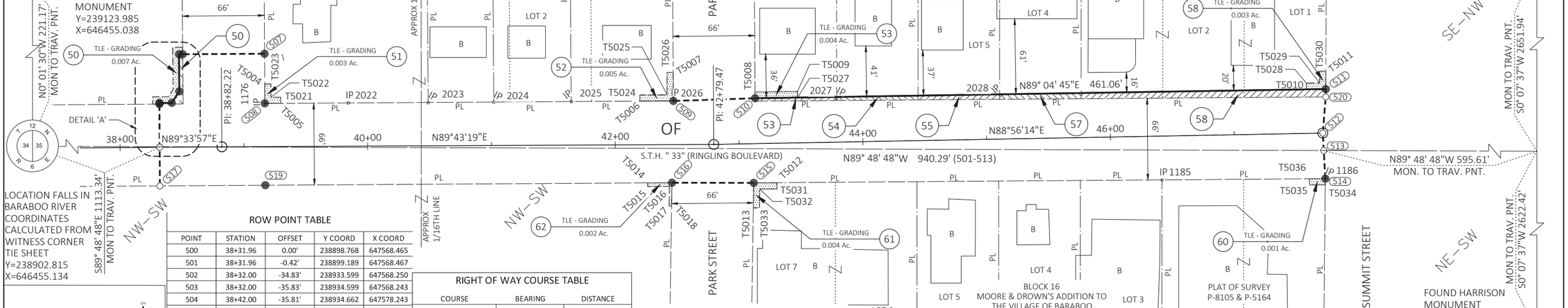
RIGHT OF WAY COURSE TABLE

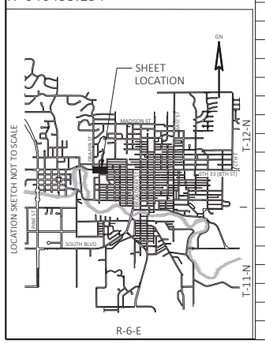
COURSE			BEARING	DISTANCE
501	-	502	N00° 21' 38"W	34.41'
502	-	503	N00° 26' 03"W	1.00'
503	-	504	N89° 38' 22"E	10.00'
504	-	505	N33° 31' 58"E	11.04'
505	-	506	N00° 28' 25"W	30.00'
506	-	518	N89° 30' 39"E	3.00'
518	-	507	N89° 40' 23"E	66.10'
507	-	508	S00° 19' 37"E	40.13'
508	-	509	N88° 06' 34"E	66.03'
509	-	510	S00° 17' 31"W	6.34'
511	-	520	S04° 36' 57"W	29.31'
520	-	512	S03° 08' 48"E	14.10'
512	-	513	S03° 08' 48"E	22.74'
513	-	514	N89° 53' 39"W	66.01'
515	-	516	N00° 21' 38"W	31.17'
517	-	500	N00° 21' 38"W	0.42'
500	-	501	N00° 21' 38"W	0.42'

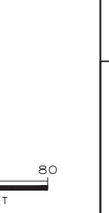
EXISTING MONUMENTS

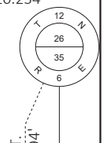
POINT	STATION	OFFSET	Y COORD	X COORD	DESCRIPTION
1174	39+17.01	-186.25'	239085.570	647652.619	1/2 INCH ROD
1175	39+17.35	-169.73'	239069.052	647653.034	3/4 INCH ROD
1176	39+16.99	-34.88'	238934.198	647653.334	1 INCH ROD
1185	46+41.13	35.48'	238872.317	648378.232	3/4 INCH ROD
1186	47+73.27	36.84'	238873.402	648510.358	3/4 INCH ROD
2022	39+84.51	-34.88'	238934.522	647720.851	1 INCH ROD
2023	40+48.93	-34.79'	238934.750	647785.268	1 INCH ROD
2024	41+01.93	-34.83'	238935.044	647838.270	1 INCH ROD LEANING W
2025	41+64.70	-35.06'	238935.585	647901.039	1 INCH ROD WITH DOT CAP
2026	42+47.26	-35.51'	238936.436	647983.598	1 INCH ROD WITH DOT CAP
2027	43+79.58	-35.39'	238938.322	648115.413	1 INCH ROD WITH DOT CAP
2028	45+11.74	-35.40'	238940.777	648247.552	1 INCH ROD WITH DOT CAP

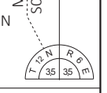












DOCUMENT #: **1223944**
Recorded: 09-03-2021 at 12:50 PM
BRENT BAILEY
SAUK COUNTY REGISTER OF DEEDS
REGISTRAR'S OFFICE
Sauk Co, WI
RECEIVED FOR RECORD
Fee Amount: $25.00

25 pg
D-296F

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5090-05-21 - 4.01
SHEET 1 OF 2

ONEIDA Engineering Solutions

I, DAVID J. YOUNGER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF BARABOO I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 08-11-2021
PRINT NAME: DAVID J. YOUNGER
REGISTRATION NUMBER: S-2816

WISCONSIN DAVID J. YOUNGER S-2816 GREEN BAY, WISCONSIN LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF BARABOO

SIGNATURE: _____ DATE: 8/31/2021
PRINT NAME: Rob Nelson, Mayor

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-21_040101_RP.DWG
PLOT DATE : 8/11/2021 4:29 PM
PLOT BY : DAVE YOUNGER
PLOT NAME :
PLOT SCALE : 1"=40'
APPRAISAL PLAT DATE : 07-16-2021

TRANSPORTATION PROJECT PLAT NO: 5090-05-21 - 4.02

PART OF LOTS 1 AND 2 OF BLOCK 1 AND LOTS 1,2,3,4 AND 5 OF BLOCK 2 OF JOHN B. CRAWFORD'S ADDITION TO THE CITY OF BARABOO, AND PART OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER, AND PART OF LOTS 5 AND 8 OF BLOCK 3 OF ENGLISH'S ADDITION TO THE CITY OF BARABOO, AND PART OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER, AND PART OF LOTS 1,2,3 AND 4 OF BLOCK 6 OF THE PLAT OF THE CITY OF BARABOO (FORMERLY TOWN OF ADAMS), AND PART OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER, AND PART OF LOTS 1 AND 7 OF BLOCK 1 OF MOORE & DROWN'S ADDITION TO THE CITY OF BARABOO AND PART OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 35, TOWNSHIP 12 NORTH, RANGE 6 EAST, CITY OF BARABOO, SAUK COUNTY, WISCONSIN.

RELOCATION ORDER STH 33, REEDSBURG-BARABOO, W MULBERRY ST TO E V LIMITS, SAUK COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF BARABOO DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22 WISCONSIN STATUTES, THE CITY OF BARABOO HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY CITY OF BARABOO FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF BARABOO, PURSUANT TO THE PROVISIONS OF SUBSECTION 62.22 WISCONSIN STATUTES.

RIGHT OF WAY COURSE TABLE

COURSE	BEARING	DISTANCE
513 - 512	N03° 08' 48"W	14.10'
512 - 520	N04° 36' 57" E	29.31'
520 - 511	N00° 17' 31"E	6.34'
511 - 600	N89° 24' 04"E	66.01'
601 - 602	S89° 13' 46"E	66.00'
604 - 605	N89° 34' 39"E	33.00'
605 - 606	S00° 49' 03"W	33.83'
606 - 607	S00° 04' 45"E	12.13'
607 - 608	S00° 04' 45"E	31.87'
608 - 609	N89° 45' 48"W	33.00'
609 - 610	N03° 05' 15"W	10.47'
611 - 612	N89° 19' 19"W	66.00'
613 - 514	S89° 48' 36"W	66.01'
514 - 513	N03° 08' 48"W	22.74'
614 - 615	N00° 07' 37"E	13.61'
615 - 611	N00° 07' 37"E	19.80'

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

NGS CONTROL POINTS UTILIZED: PID:DH5698 - DESIGNATION FAIRFIELD E GPS AZ MK, PID: DH5468 - DESIGNATION: GREENFIELD W GPS, PID: DH5391 - DESIGNATION: BARABOO N GPS.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF BARABOO AND/OR THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN LA CROSSE, WI

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN SAUK COUNTY AS SHEET 2 OF 2 OF DOCUMENT #1223944.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 33: JOHN B. CRAWFORD'S ADDITION, ENGLISH'S ADDITION, MORE AND DROWN'S ADDITION, PLAT OF THE CITY OF BARABOO (FORMERLY TOWN OF ADAMS) AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR SUMMIT STREET: JOHN B. CRAWFORD'S ADDITION, MOORE & DOWN'S ADDITION AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR WOOD STREET: JOHN B. CRAWFORD'S ADDITION AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CENTER STREET: MOORE & DOWN'S ADDITION, PLAT OF THE CITY OF BARABOO AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR WEST STREET: ENGLISH'S ADDITION TO THE CITY OF BARABOO AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING MONUMENTS

POINT	STATION	OFFSET	Y COORD	X COORD	DESCRIPTION
1186	47+73.27	36.84'	238873.402	648510.358	3/4 INCH IR
2029	50+38.80	32.56'	238878.092	648774.908	1 INCH IR W/DOT CAP
2030	51+04.81	32.42'	238877.595	648840.915	1 INCH IR W/DOT CAP
2031	51+71.19	32.48'	238876.891	648907.284	1 INCH IR W/DOT CAP
2032	52+37.46	32.44'	238876.359	648973.621	1 INCH IR W/DOT CAP
2033	54+35.87	32.79'	238874.469	649172.010	1 INCH IR W/DOT CAP
2034	55+16.03	32.85'	238873.771	649252.170	1 INCH IR W/DOT CAP
2035	55+84.24	32.99'	238873.093	649320.380	1 INCH IR W/DOT CAP
2036	56+50.16	32.89'	238872.666	649386.300	1 INCH IR W/DOT CAP
2045	57+16.43	-32.37'	238937.372	649453.108	HOLE IN CONC
2046	55+57.21	-33.41'	238939.703	649293.874	3/4 INCH IR
2047	54+33.97	-33.54'	238940.809	649170.635	3/4 INCH IR
2048	53+67.74	-33.59'	238941.388	649104.416	3/4 INCH IR

DOCUMENT #: **1224874**
Recorded: 09-23-2021 at 8:45 AM
BRENT BAILEY
SAUK COUNTY REGISTER OF DEEDS
REGISTRAR'S OFFICE
Sauk Co, WI
RECEIVED FOR RECORD
Fee Amount: $25.00
: :

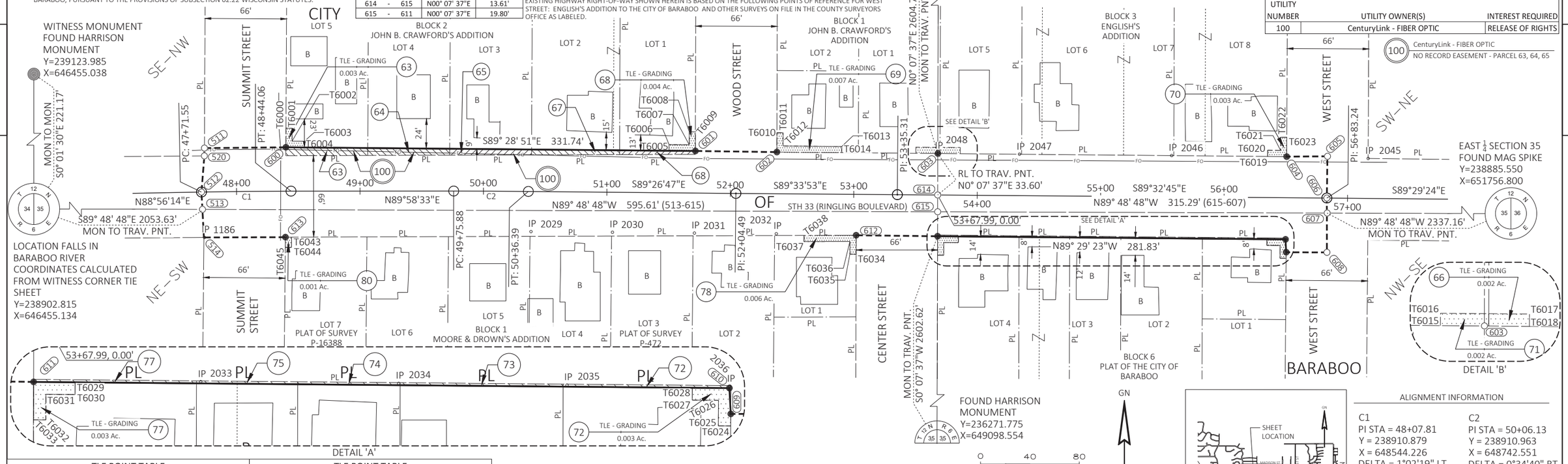
D-299C 04-25-22

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5090-05-21 - 4.02

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	CenturyLink - FIBER OPTIC	RELEASE OF RIGHTS

100 CenturyLink - FIBER OPTIC
NO RECORD EASEMENT - PARCEL 63, 64, 65



TLE POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
T6000	48+40.10	-51.00'	238961.895	648576.452
T6001	48+45.05	-51.03'	238961.927	648581.452
T6002	48+45.00	-40.51'	238951.401	648581.398
T6003	48+55.00	-40.41'	238951.310	648591.402
T6004	48+55.00	-35.41'	238946.310	648591.404
T6005	51+50.00	-34.06'	238943.634	648886.742
T6006	51+50.00	-39.06'	238948.634	648886.790
T6007	51+66.33	-39.07'	238948.486	648903.116
T6008	51+66.25	-49.50'	238958.913	648903.145
T6009	51+71.25	-49.53'	238958.899	648908.145
T6010	52+37.36	-49.48'	238958.271	648974.144
T6011	52+42.36	-49.50'	238958.257	648979.144
T6012	52+42.41	-38.75'	238947.508	648979.114
T6013	52+90.00	-38.69'	238947.084	649026.702
T6014	52+90.00	-33.69'	238942.084	649026.664
T6015	53+50.00	-33.62'	238941.550	649086.673
T6016	53+50.00	-38.62'	238946.550	649086.712
T6017	53+86.00	-38.58'	238946.229	649122.711
T6018	53+86.00	-33.58'	238941.230	649122.671
T6019	56+35.00	-33.34'	238939.013	649371.661
T6020	56+35.00	-38.34'	238944.012	649371.701
T6021	56+45.44	-38.33'	238943.920	649382.136
T6022	56+45.40	-48.98'	238954.576	649382.183

TLE POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
T6023	56+50.40	-49.00'	238954.554	649387.183
T6024	56+50.65	49.00'	238856.555	649386.655
T6025	56+45.65	49.00'	238856.594	649381.655
T6026	56+45.65	38.67'	238866.920	649381.737
T6027	56+35.00	38.66'	238867.015	649371.091
T6028	56+35.00	33.66'	238872.015	649371.130
T6029	53+85.00	33.42'	238874.241	649121.140
T6030	53+85.00	38.42'	238869.241	649121.100
T6031	53+73.20	38.41'	238869.346	649109.302
T6032	53+73.26	48.75'	238859.003	649109.283
T6033	53+68.26	48.78'	238859.014	649104.283
T6034	53+02.33	48.49'	238859.818	649038.370
T6035	52+97.25	48.42'	238859.926	649033.285
T6036	52+97.19	38.19'	238870.155	649033.308
T6037	52+60.00	38.59'	238870.032	648996.116
T6038	52+60.00	33.59'	238875.032	648996.154
T6043	48+44.57	37.24'	238873.655	648581.006
T6044	48+44.49	45.48'	238865.414	648580.926
T6045	48+39.44	45.43'	238865.462	648575.927

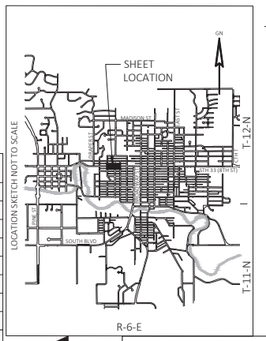
SCHEDULE OF LAND AND INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	RW ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
63	JACQUELINE J. KEISTER	FEE, TLE	0.010		0.010	0.003
64	RICHARD R. KIMPFBECK	FEE	0.008		0.008	
65	SANDRA J. HANSEN	FEE	0.007		0.007	
66	ANDREA PICKEL AND COREY CARLSON	TLE				0.002
67	NATHAN C. HANKE AND NICOLE K. HANKE	FEE	0.006		0.006	
68	WESTLEY LEVERENZ	FEE, TLE	0.004		0.004	0.004
69	WENDY N. VAN DINTER	TLE				0.007
70	DONALD N. & SHIRLEY A. GASS	TLE				0.003
71	STEPHANIE M. INMAN	TLE				0.002
72	FRANCIS L. YUKUS	FEE, TLE	0.002		0.002	0.003
73	JEFFREY R. PAULSON	FEE	0.002		0.002	
74	HR PROPERTIES OF WISCONSIN LLC	FEE	0.001		0.001	
75	RALPH HIGGINS	FEE	0.001		0.001	
77	PATRICK J. ACKER	FEE, TLE	0.002		0.002	0.003
78	NOAH J. ABEITA, SR	TLE				0.006
80	KURT WILLIAM & ANN KRISTINE JOHNSON	TLE				0.001

RW POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
511	47+74.58	-35.50'	238945.761	648510.369
512	47+71.55	0.00'	238910.206	648507.978
513	47+72.07	14.09'	238896.127	648508.752
514	47+72.91	36.82'	238873.422	648510.000
520	47+74.43	-29.17'	238939.421	648510.337
600	48+40.00	-35.56'	238946.451	648576.375
601	51+71.36	-34.08'	238943.445	648908.102
602	52+37.43	-33.76'	238942.557	648974.096
603	53+67.79	-33.60'	238941.396	649104.460
604	56+50.45	-33.32'	238938.879	649387.109
605	56+83.42	-33.83'	238939.122	649420.108
606	56+83.24	0.00'	238905.296	649419.626
607	56+83.36	12.13'	238893.166	649419.642
608	56+83.69	44.00'	238861.296	649419.686
609	56+50.65	44.12'	238861.432	649386.687
610	56+50.00	33.68'	238871.887	649386.123
611	53+68.17	33.40'	238874.370	649104.304
612	53+02.16	33.13'	238875.178	649038.309
613	48+39.53	37.25'	238873.645	648575.991
614	53+67.99	0.00'	238907.794	649104.391
615	53+68.06	13.61'	238894.188	649104.361



ALIGNMENT INFORMATION

C1	C2
PI STA = 48+07.81	PI STA = 50+06.13
Y = 238910.879	Y = 238910.963
X = 648544.226	X = 648742.551
DELTA = 1°02'19" LT	DELTA = 0°34'40" RT
D=001° 25' 57"	D=000° 57' 18"
T = 36.25'	T = 30.25'
L = 72.51'	L = 60.51'
R = 4000.00'	R = 6000.00'
LCH=72.51'	LCH=60.51'
LCB=N89° 27' 23"E	LCB=S89° 44' 07"E
PC STA = 47+71.55	PC STA = 49+75.88
PT STA = 48+44.06	PT STA = 50+36.39

ONEIDA Engineering Solutions

I, DAVID J. YOUNGER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF BARABOO I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 9/10/2021

PRINT NAME: DAVID J. YOUNGER

REGISTRATION NUMBER: S-2816

WISCONSIN DAVID J. YOUNGER S-2816 GREEN BAY, WISCONSIN LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF BARABOO

SIGNATURE: _____ DATE: 9/16/2021

PRINT NAME: Bob Nelson

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-21_040102_RP.DWG
APPRAISAL PLAT DATE : 07-16-2021

PLOT DATE : 9/10/2021 12:40 PM PLOT BY : DAVE YOUNGER PLOT NAME : PLOT SCALE : 1"=40'

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

NGS CONTROL POINTS UTILIZED: PID:DH5698 - DESIGNATION FAIRFIELD E GPS AZ MK, PID: DH5468 - DESIGNATION: GREENFIELD W GPS, PID: DH5391 - DESIGNATION: BARABOO N GPS.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF BARABOO.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN SAUK COUNTY AS SHEET 2 OF 2 OF DOCUMENT #1223944.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 33: PREVIOUS PROJECT 5092-00-01, ENGLISH'S ADDITION, PLAT OF THE CITY OF BARABOO (FORMERLY TOWN OF ADAMS), AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY FOR WEST STREET IS BASED ON ENGLISH'S ADDITION TO THE CITY OF BARABOO AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR BIRCH STREET: ENGLISH'S ADDITION TO BARABOO, CITY OF BARABOO (FORMERLY TOWN OF ADAMS), PREVIOUS PROJECT #5092-00-01 AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

TRANSPORTATION PROJECT PLAT NO: 5090-05-21 - 4.03

PART OF LOTS 7,8,9,10,11, AND 12 OF BLOCK 4 OF ENGLISH'S ADDITION TO THE CITY OF BARABOO, AND PART OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER, AND PART OF LOT 2,3,4 AND 5 OF BLOCK 4 AND LOT 1 AND 6 OF BLOCK 5 OF CITY OF BARABOO (FORMERLY TOWN OF ADAMS) AND PART OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 35, TOWNSHIP 12 NORTH, RANGE 6 EAST, CITY OF BARABOO, SAUK COUNTY, WISCONSIN.

RELOCATION ORDER STH 33, REEDSBURG-BARABOO, W MULBERRY ST TO E V LIMITS, SAUK COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF BARABOO DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22 WISCONSIN STATUTES, THE CITY OF BARABOO HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY CITY OF BARABOO FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF BARABOO, PURSUANT TO THE PROVISIONS OF SUBSECTION 62.22 WISCONSIN STATUTES.

SCHEDULE OF LAND AND INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO

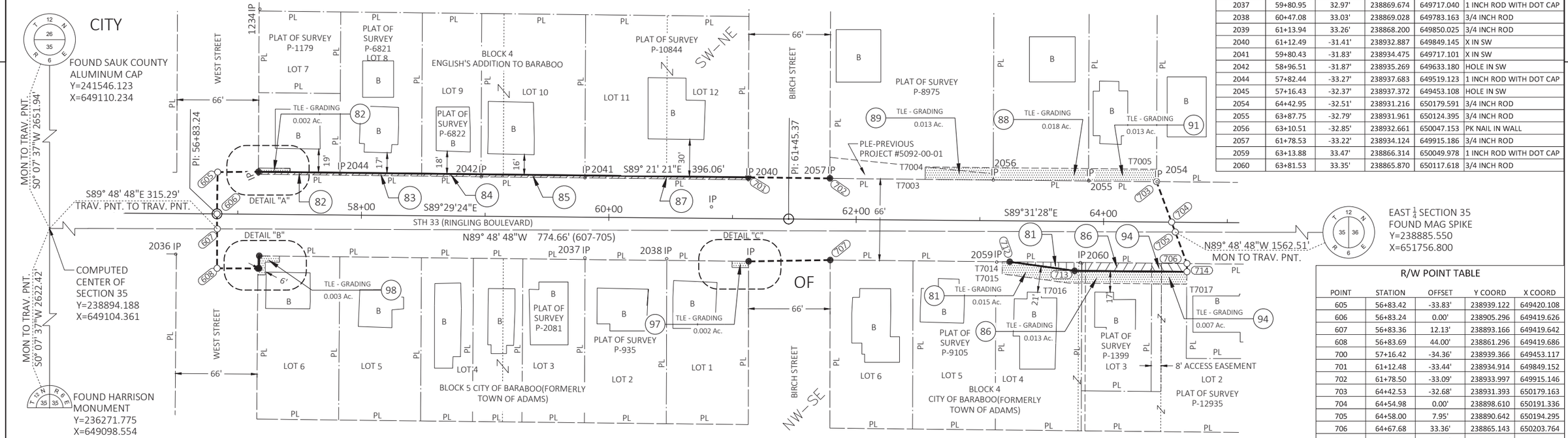
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	RW ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
81	JAMES N. & GAIL A. FRANK	FEE, TLE	0.005		0.005	0.015
82	BRUNI RENTALS, LLC	FEE, TLE	0.003		0.003	0.002
83	DIANA VERWEY	FEE	0.003		0.003	
84	JEFFREY E. KLAETSCH	FEE	0.002		0.002	
85	ASIFA BANO QURAISHI-LANDES	FEE	0.004		0.004	
86	MBE BARABOO, LLC	FEE, TLE	0.009		0.009	0.013
87	BIG BADGER PROPERTIES, LLC	FEE	0.006		0.006	
88	RICKY D. GARD & DONNA J. GARD	TLE				0.018
89	RANDALL M. HOLTZ & TERESA J. NEE-HOLTZ	TLE				0.013
91	BIG BADGER PROPERTIES, LLC	TLE				0.013
94	BEANCOUNTER INVESTMENTS, LLC	FEE, TLE	0.004		0.004	0.007
97	RHONDA L. JONES	TLE				0.001
98	LACELYNN PROPERTIES, LLC	FEE, TLE	10.2 SQ FT		10.2 SQ FT	0.003

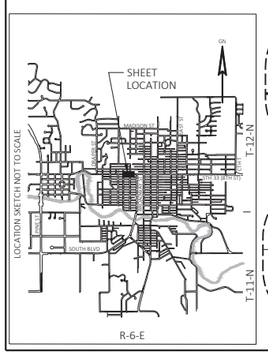
DOCUMENT #: 1224875
Recorded: 09-23-2021 at 8:45 AM
BRENT BAILEY
SAUK COUNTY REGISTER OF DEEDS
REGISTRAR'S OFFICE
Sauk Co, WI
RECEIVED FOR RECORD
Fee Amount: $25.00

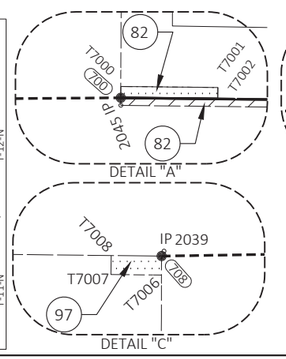
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5090-05-21 - 4.03

EXISTING MONUMENTS

POINT	STATION	OFFSET	Y COORD	X COORD	DESCRIPTION
1234	57+16.39	-165.95'	239070.943	649454.258	1/2 INCH ROD
2036	56+50.16	32.89'	238872.666	649386.300	1 INCH ROD WITH DOT CAP
2037	59+80.95	32.97'	238869.674	649717.040	1 INCH ROD WITH DOT CAP
2038	60+47.08	33.03'	238869.028	649783.163	3/4 INCH ROD
2039	61+13.94	33.26'	238868.200	649850.025	3/4 INCH ROD
2040	61+12.49	-31.41'	238932.887	649849.145	X IN SW
2041	59+80.43	-31.83'	238934.475	649717.101	X IN SW
2042	58+96.51	-31.87'	238935.269	649633.180	HOLE IN SW
2044	57+82.44	-33.27'	238937.683	649519.123	1 INCH ROD WITH DOT CAP
2045	57+16.43	-32.37'	238937.372	649453.108	HOLE IN SW
2054	64+42.95	-32.51'	238931.216	650179.591	3/4 INCH ROD
2055	63+87.75	-32.79'	238931.961	650124.395	3/4 INCH ROD
2056	63+10.51	-32.85'	238932.661	650047.153	PK NAIL IN WALL
2057	61+78.53	-33.22'	238934.124	649915.186	3/4 INCH ROD
2059	63+13.88	33.47'	238866.314	650049.978	1 INCH ROD WITH DOT CAP
2060	63+81.53	33.35'	238865.870	650117.618	3/4 INCH ROD







EASEMENT TABLE

OWNER	RECORDING INFORMATION	LOCATED IN RW PARCEL #
WISCONSIN POWER AND LIGHT COMPANY	DOC #288767 VOL 224 PAGE 607	86
MARIE E. REDLIN	Doc #410082	
SUSAN A. HAGEDORN	REEL 107 IMAGE 238	94

TLE POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
7000	57+16.42	-37.36'	238942.361	649453.150
7001	57+42.00	-37.30'	238942.074	649478.725
7002	57+42.00	-34.30'	238939.074	649478.699
7003	62+55.45	-32.97'	238933.234	649992.100
7004	63+10.51	-37.88'	238937.691	650047.193
7005	64+42.49	-42.68'	238941.390	650179.210
7006	61+13.34	39.56'	238861.903	649849.362
7007	61+00.00	39.53'	238862.053	649836.027
7008	61+00.00	34.53'	238867.053	649836.072
7009	57+34.00	33.68'	238871.167	649470.094
7010	57+34.00	38.68'	238866.167	649470.049
7011	57+22.68	38.65'	238866.294	649458.734
7012	57+22.69	49.00'	238855.946	649458.652
7013	57+16.69	49.00'	238856.003	649452.653
7014	63+18.41	33.13'	238866.616	650054.506
7015	63+18.39	42.95'	238856.801	650054.409
7016	63+72.40	50.00'	238849.298	650108.354
7017	64+67.70	50.00'	238848.507	650203.646

RW COURSE TABLE

COURSE			BEARING	DISTANCE
607	-	606	N00° 04' 45"W	12.13'
606	-	605	N00° 49' 03"E	33.83'
605	-	700	N89° 34' 39"E	33.00'
701	-	702	S89° 12' 14"E	66.00'
703	-	704	S20° 22' 18"E	34.97'
704	-	705	S20° 22' 18"E	8.50'
705	-	706	S20° 22' 18"E	27.20'
706	-	714	S00° 25' 39"W	6.64'
714	-	713	N89° 31' 28"W	90.78'
713	-	712	N82° 04' 57"W	52.97'
707	-	708	S89° 03' 32"W	66.01'
709	-	710	S00° 27' 14"W	10.20'
710	-	711	N89° 45' 48"W	1.00'
711	-	608	N89° 45' 48"W	33.00'
608	-	607	N00° 04' 45"W	31.87'

R/W POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
605	56+83.42	-33.83'	238939.122	649420.108
606	56+83.24	0.00'	238905.296	649419.626
607	56+83.36	12.13'	238893.166	649419.642
608	56+83.69	44.00'	238861.296	649419.686
700	57+16.42	-34.36'	238939.366	649453.117
701	61+12.48	-33.44'	238934.914	649849.152
702	61+78.50	-33.09'	238933.997	649915.146
703	64+42.53	-32.68'	238931.393	650179.163
704	64+54.98	0.00'	238898.610	650191.336
705	64+58.00	7.95'	238890.642	650194.295
706	64+67.68	33.36'	238865.143	650203.764
707	61+79.27	32.91'	238867.984	649915.359
708	61+13.30	34.56'	238866.900	649849.358
709	57+17.68	33.64'	238871.348	649453.763
710	57+17.69	43.84'	238861.148	649453.682
711	57+16.69	43.84'	238861.152	649452.682
712	63+24.39	33.14'	238866.553	650060.472
713	63+76.91	40.00'	238859.257	650112.937
714	64+67.69	40.00'	238858.503	650203.714

BARABOO

ONEIDA Engineering Solutions

I, DAVID J. YOUNGER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF BARABOO I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 9/10/2021

PRINT NAME: DAVID J. YOUNGER

REGISTRATION NUMBER: S-2816

WISCONSIN DAVID J. YOUNGER S-2816 GREEN BAY, WISCONSIN LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF BARABOO

SIGNATURE: _____ DATE: 9/14/2021

PRINT NAME: ROB NELSON, MAYOR

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-21_040103_RP.DWG
APPRAISAL PLAT DATE : 07-16-2021

PLOT DATE : 9/10/2021 11:14 AM PLOT BY : DAVE YOUNGER PLOT NAME : PLOT SCALE : 1"=40'

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

NGS CONTROL POINTS UTILIZED: PID:DH5698 - DESIGNATION FAIRFIELD E GPS AZ MK, PID: DH5468 - DESIGNATION: GREENFIELD W GPS, PID: DH5391 - DESIGNATION: BARABOO N GPS.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF BARABOO.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN SAUK COUNTY AS SHEET 2 OF 2 OF DOCUMENT #1223944

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 33:
WALLACE'S ADDITION, PLAT OF THE CITY OF BARABOO (FORMERLY KNOWN AS ADAMS), PREVIOUS PROJECT 5092-00-01 AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR BROADWAY STREET: THE PLAT OF THE CITY OF BARABOO (FORMERLY KNOWN AS ADAMS) AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR OAK STREET: THE PLAT OF THE CITY OF BARABOO (FORMERLY KNOWN AS ADAMS) AND OTHER SURVEYS ON FILE IN THE COUNTY SURVEYORS OFFICE AS LABELED.

TRANSPORTATION PROJECT PLAT NO: 5090-05-21 - 4.04

PART OF LOT 6 OF BLOCK 1 AND LOT 1 OF BLOCK 2 OF WALLACE'S ADDITION TO THE VILLAGE OF ADAMS, AND PART OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER, AND PART OF LOT 6 OF BLOCK 2 AND LOTS 1,5 AND 6 OF BLOCK 3 AND LOT 1 AND 2 OF BLOCK 4 OF THE PLAT OF THE CITY OF BARABOO, AND PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER AND PART OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER, AND PART OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35, TOWNSHIP 12 NORTH, RANGE 6 EAST, CITY OF BARABOO, SAUK COUNTY, WISCONSIN.

RELOCATION ORDER STH 33, REEDSBURG-BARABOO, W MULBERRY ST TO E V LIMITS, SAUK COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF BARABOO DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22 WISCONSIN STATUTES, THE CITY OF BARABOO HEREBY ORDERS THAT:

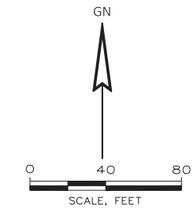
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY CITY OF BARABOO FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF BARABOO, PURSUANT TO THE PROVISIONS OF SUBSECTION 62.22 WISCONSIN STATUTES.

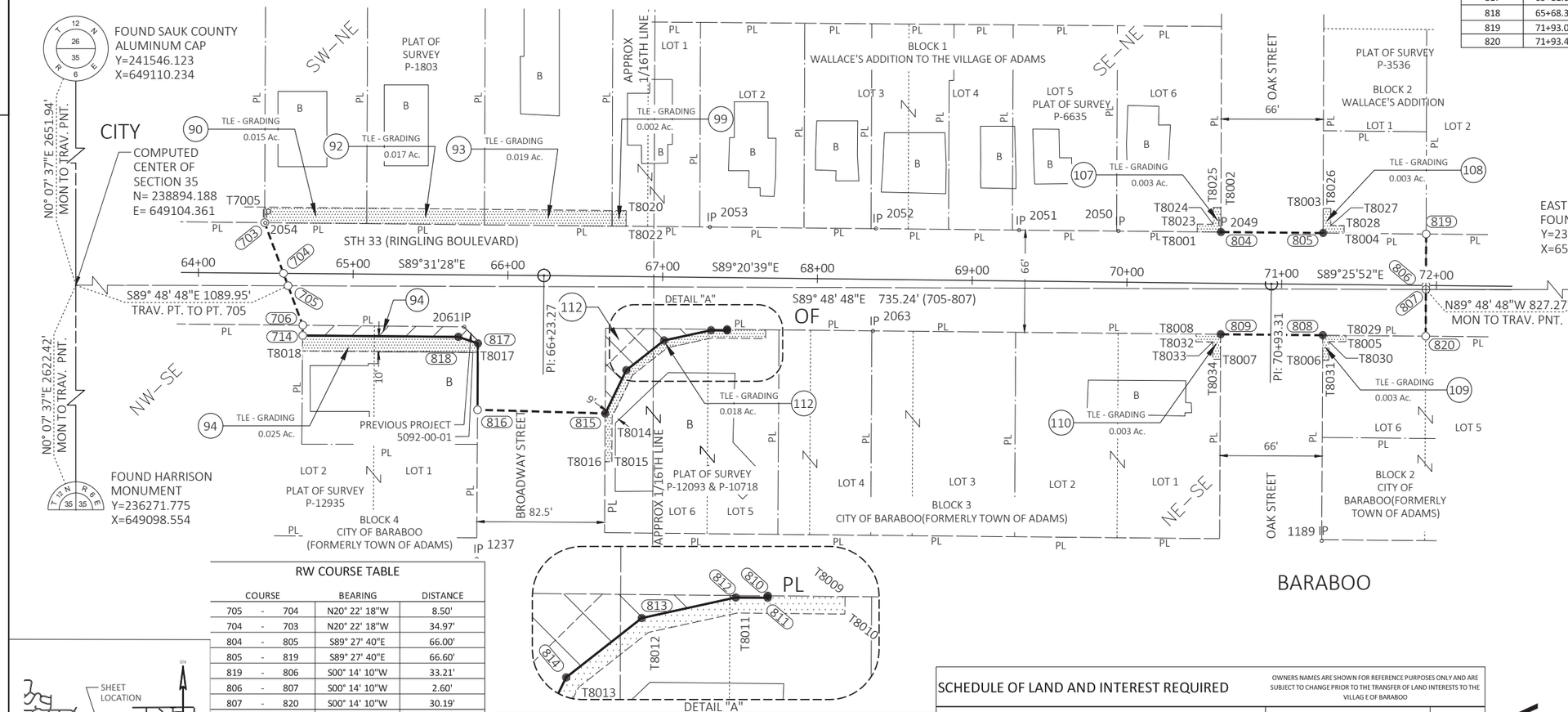
RW POINT TABLE

POINT	STATION	OFFSET	Y COORD	X COORD
703	64+42.53	-32.68'	238931.393	650179.163
704	64+54.98	0.00'	238898.610	650191.336
705	64+58.00	7.95'	238890.642	650194.295
706	64+67.68	33.36'	238865.143	650203.764
714	64+67.69	40.00'	238858.503	650203.714
804	70+60.38	-33.09'	238925.296	650797.091
805	71+26.43	-33.17'	238924.675	650863.088
806	71+93.22	0.00'	238890.839	650929.548
807	71+93.24	2.60'	238888.239	650929.538
808	71+26.90	32.83'	238858.675	650862.906
809	70+60.95	32.91'	238859.295	650796.909
810	67+42.00	33.42'	238862.441	650477.975
811	67+42.00	34.05'	238861.801	650477.967
812	67+31.66	34.07'	238861.903	650467.628
813	67+01.40	41.05'	238855.275	650437.293
814	66+77.20	60.50'	238836.099	650412.872
815	66+63.89	88.55'	238808.202	650399.239
816	65+81.10	87.03'	238810.538	650316.752
817	65+81.00	44.22'	238853.348	650317.000
818	65+68.32	40.00'	238857.667	650304.358
819	71+93.03	-33.21'	238924.049	650929.685
820	71+93.41	32.79'	238858.049	650929.413

DOCUMENT #: **1224876**
Recorded: 09-23-2021 at 8:45 AM
BRENT BAILEY
SAUK COUNTY REGISTER OF DEEDS
REGISTRAR'S OFFICE
Sauk Co, WI
RECEIVED FOR RECORD
Fee Amount: $25.00
D - 299E

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5090-05-21 - 4.04





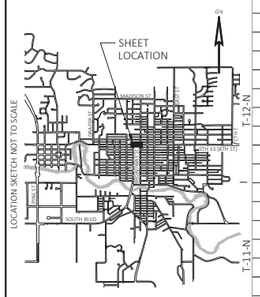
TLE POINTS

POINT	STATION	OFFSET	Y COORD	X COORD
T8000	66+76.00	-42.48'	238939.086	650412.844
T8001	70+45.00	-33.06'	238925.449	650781.712
T8002	70+60.24	-49.00'	238941.210	650797.134
T8003	71+26.32	-49.00'	238940.504	650863.132
T8004	71+40.00	-33.18'	238924.549	650876.657
T8005	71+42.00	32.82'	238858.533	650878.002
T8006	71+26.98	49.00'	238842.502	650862.820
T8007	70+61.05	49.00'	238843.207	650796.822
T8008	70+45.00	32.94'	238859.453	650780.956
T8009	67+67.00	33.38'	238862.194	650502.969
T8010	67+67.00	39.01'	238856.557	650502.905
T8011	67+32.23	39.07'	238856.900	650468.137
T8012	67+03.64	45.66'	238850.638	650439.474
T8013	66+81.23	63.68'	238832.877	650416.855
T8014	66+68.41	90.69'	238806.009	650403.725
T8015	66+68.57	119.82'	238776.882	650403.556
T8016	66+64.06	119.84'	238776.917	650399.051
T8017	65+81.01	50.00'	238847.567	650316.959
T8018	64+67.70	50.00'	238848.507	650203.646
T8020	66+76.00	-42.48'	238939.086	650412.844
T8022	66+76.00	-32.48'	238929.087	650412.729
T8023	70+45.00	-38.06'	238930.449	650781.769
T8024	70+55.33	-38.08'	238930.347	650792.102
T8025	70+55.24	-48.96'	238941.224	650792.134
T8026	71+31.32	-49.04'	238940.490	650868.132
T8027	71+31.39	-38.18'	238929.630	650868.100
T8028	71+40.00	-38.18'	238929.549	650876.707
T8029	71+42.00	36.82'	238854.534	650877.962
T8030	71+30.92	36.82'	238854.638	650866.883
T8031	71+30.98	48.98'	238842.482	650866.820
T8032	70+45.00	37.94'	238854.454	650780.899
T8033	70+55.98	37.92'	238854.345	650791.880
T8034	70+56.05	49.03'	238843.233	650791.823

EAST ¼ SECTION 35
FOUND MAG SPIKE
Y=238885.550
X=651756.800

RW COURSE TABLE

COURSE			BEARING	DISTANCE
705	-	704	N20° 22' 18"W	8.50'
704	-	703	N20° 22' 18"W	34.97'
804	-	805	S89° 27' 40"E	66.00'
805	-	819	S89° 27' 40"E	66.60'
819	-	806	S00° 14' 10"W	33.21'
806	-	807	S00° 14' 10"W	2.60'
807	-	820	S00° 14' 10"W	30.19'
820	-	808	N89° 27' 40"W	66.51'
808	-	809	N89° 27' 41"W	66.00'
810	-	811	S00° 39' 21"W	0.64'
811	-	812	N89° 26' 06"W	10.34'
812	-	813	S77° 40' 33"W	31.05'
813	-	814	S51° 51' 37"W	31.05'
814	-	815	S26° 02' 41"W	31.05'
815	-	816	N88° 22' 40"W	82.52'
816	-	817	N00° 19' 56"E	42.81'
817	-	818	N71° 08' 10"W	13.36'
818	-	714	N89° 31' 28"W	100.63'
714	-	706	N00° 25' 39"E	6.64'
706	-	705	N20° 22' 18"W	27.20'



EXISTING MONUMENTS

POINT	STATION	OFFSET	Y COORD	X COORD	DESCRIPTION
1189	71+27.53	165.58'	238725.924	650862.213	2 INCH SQR ROD
1237	65+81.40	183.35'	238714.220	650316.236	3/4 INCH ROD
2049	70+60.23	-33.20'	238925.412	650796.946	1 INCH ROD WITH DOT CAP
2050	69+94.12	-32.97'	238925.938	650730.830	3/4 INCH ROD
2051	69+29.94	-32.78'	238926.482	650666.651	1/2 INCH ROD
2052	68+37.48	-32.81'	238927.569	650574.202	3/4 INCH ROD
2053	67+30.19	-32.53'	238928.518	650466.919	3/4 INCH ROD
2054	64+42.95	-32.51'	238931.216	650179.591	3/4 INCH ROD
2061	65+72.12	33.62'	238864.021	650308.205	3/4 INCH ROD WITH DOT CAP
2063	68+36.25	33.34'	238861.440	650572.215	3/4 INCH ROD WITH DOT CAP

SCHEDULE OF LAND AND INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE VILLAG E OF BARABOO

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	RW ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
90	BRENT YAUCHLER	TLE				0.015
92	DAVID M. MCCASEY & CHRISTINE A. MCCASEY	TLE				0.017
93	JOHN W. ALT & JEAN B. ALT	TLE				0.019
94	BEANCOUNTER INVESTMENTS, LLC	FEE, TLE	0.017		0.017	0.025
99	PRESTON J. QUINN	TLE				0.002
107	BROCK DOWNIE	TLE				0.003
108	RINGLING STONE, LLC	TLE				0.003
109	JOHN ROBERT GRADY & ALICE C. GRADY	TLE				0.003
110	ANDREW FUCHS	TLE				0.003
112	COMMUNITY FIRST BANK	FEE, TLE	0.025		0.025	0.018

ONEIDA Engineering Solutions

I, DAVID J. YOUNGER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF BARABOO I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 9/10/2021
PRINT NAME: DAVID J. YOUNGER
REGISTRATION NUMBER: S-2816

WISCONSIN DAVID J. YOUNGER S-2816 GREEN BAY, WISCONSIN LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF BARABOO

SIGNATURE: _____ DATE: 9/16/2021
PRINT NAME: ROB NELSON, MAYOR

FILE NAME : \\MADISONDC\PROJECTS.MAD\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\RW\DWG\5090-05-21_040104_RP.DWG
APPRAISAL PLAT DATE : 07-16-2021
PLOT DATE : 9/10/2021 12:24 PM PLOT BY : DAVE YOUNGER PLOT NAME : PLOT SCALE : 1"=40'

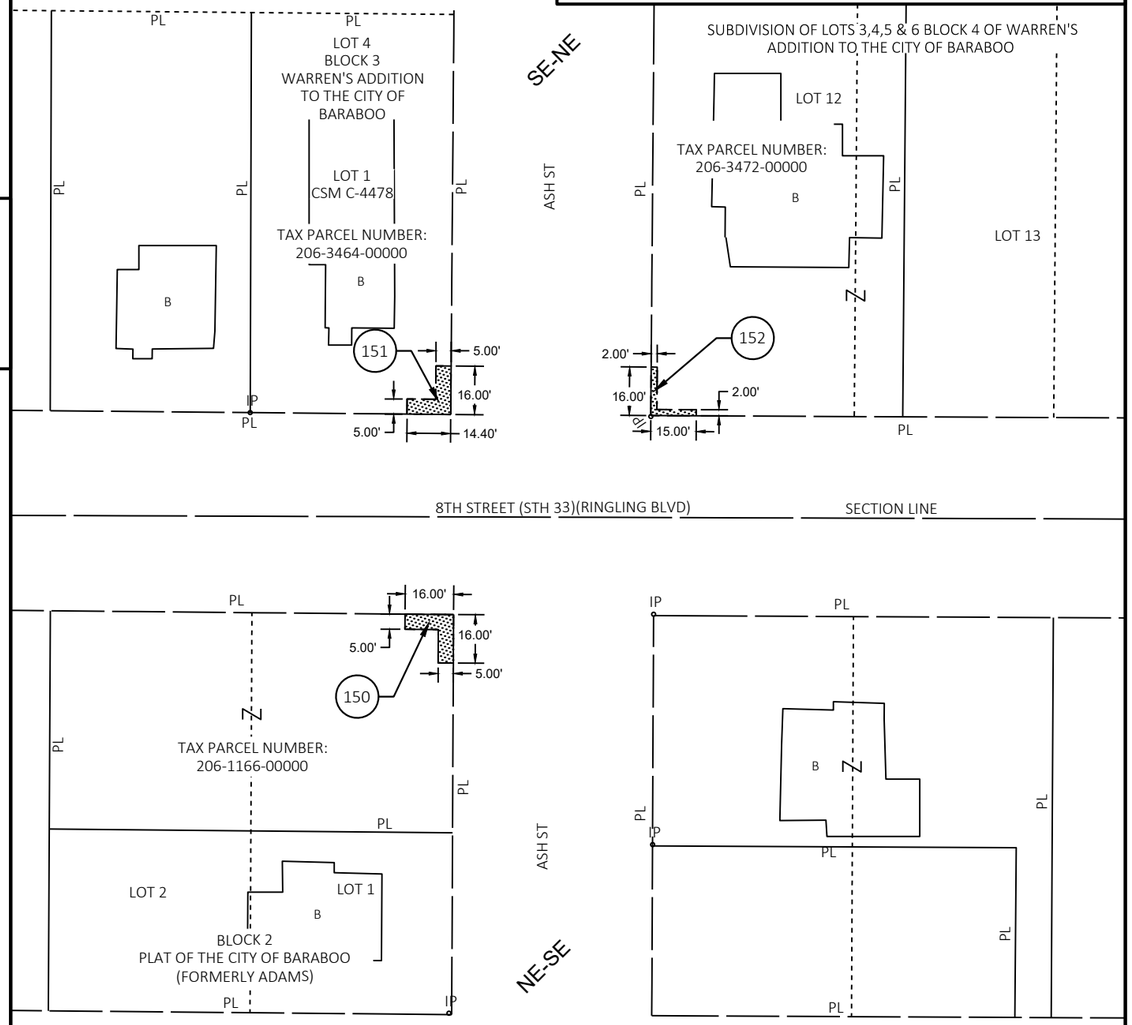
NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.

THE PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR GRADING, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 5090-05-21	SHEET NUMBER: 1

TLE ACQUISITION EXHIBIT
C BARABOO, EIGHTH STREET
W CITY LIMIT TO LINCOLN AVENUE
STH 33 SAUK COUNTY

PART OF THE SE 1/4 OF THE NE 1/4 AND PART OF THE NE 1/4 OF THE SE 1/4, SECTION 35, T12N R06E, CITY OF BARABOO, SAUK COUNTY WISCONSIN.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
150	TIMOTHY E. MELKA & MAUREEN O,CONNELL MELKA	TLE	135
151	DAVID J BRAM	TLE	127
152	JULIART VENTURES, LLC	TLE	58

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
NA	NA	NA

THIS MAP IS APPROVED FOR THE CITY OF BARABOO

SIGNATURE: DATE: 7/29/21

PRINT NAME: Rob Nelson, Mayor

NOTES:
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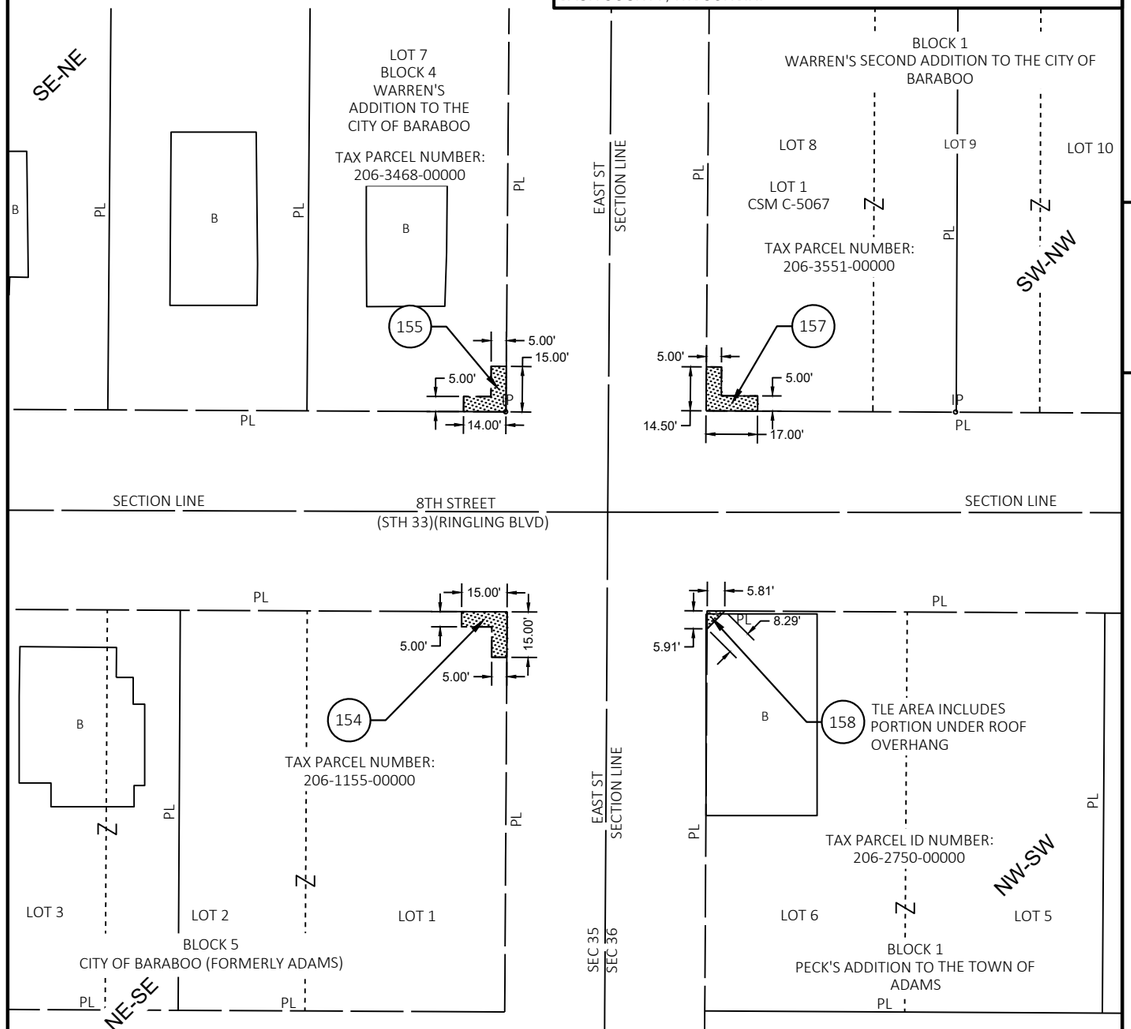
THE PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR GRADING, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 5090-05-21	SHEET NUMBER: 2

TLE ACQUISITION EXHIBIT
C BARABOO, EIGHTH STREET
W CITY LIMIT TO LINCOLN AVENUE
STH 33 SAUK COUNTY

PART OF THE NE 1/4 OF THE SE 1/4 AND PART OF THE SE 1/4 OF THE NE 1/4, SECTION 35, AND PART OF THE SW 1/4 OF THE NW 1/4 AND PART OF THE NW 1/4 OF THE SW 1/4, SECTION 36, T12N R06E, CITY OF BARABOO, SAUK COUNTY, WISCONSIN.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
154	EMMITT H. MCCARTHY & RYLEE R. ENGUM	TLE	125
155	MARY JEAN LEWIS	TLE	120
157	JOSEPH JOHN SCRENOCK	TLE	132
158	WILD APPLES LLC	TLE	17

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
NA	NA	NA

THIS MAP IS APPROVED FOR THE CITY OF BARABOO

SIGNATURE: DATE: 7/29/21

PRINT NAME: Rob Nelson, Mayor

NOTES:
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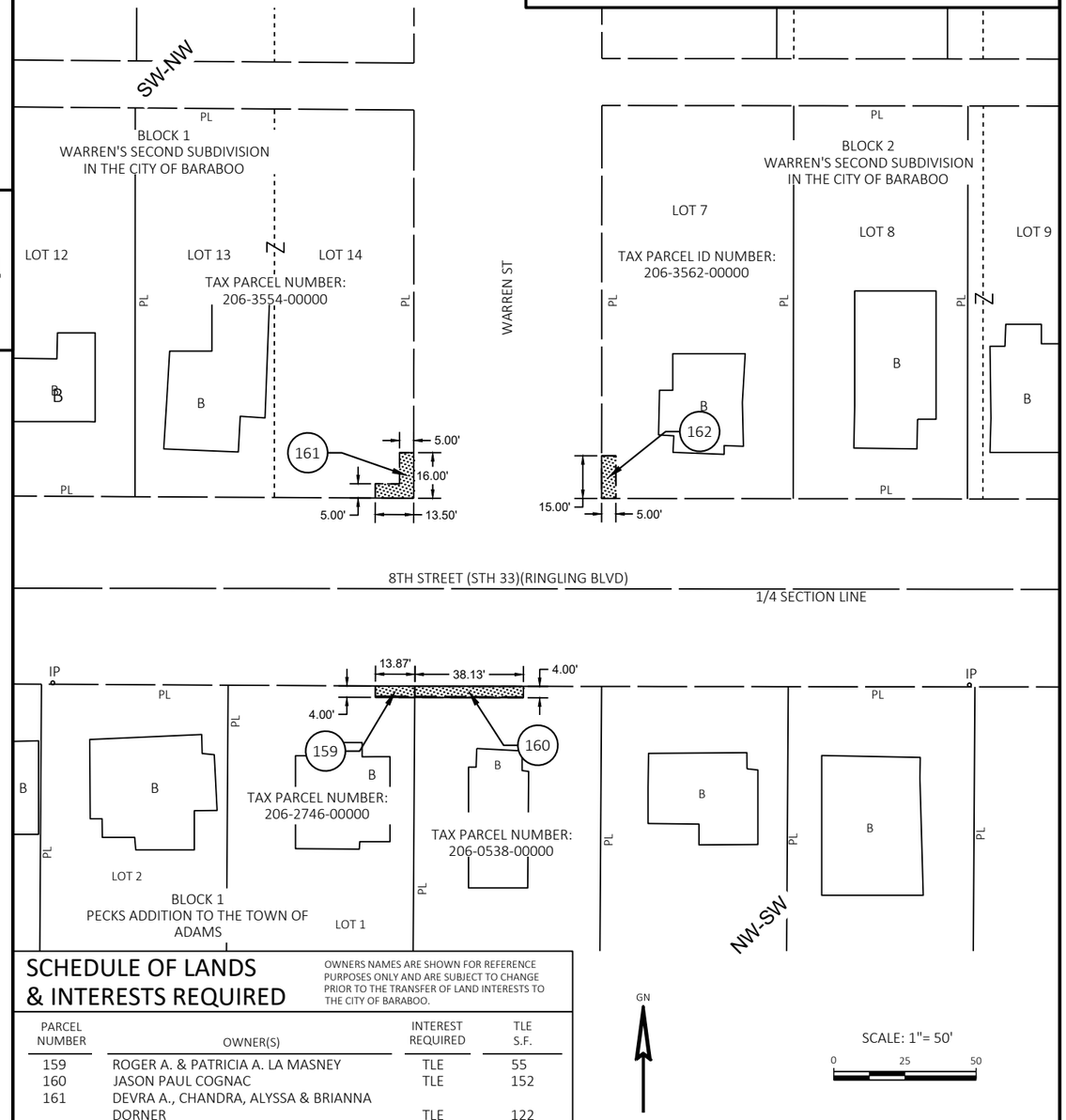
THE PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR GRADING, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 5090-05-21	SHEET NUMBER: 3

TLE ACQUISITION EXHIBIT
C BARABOO, EIGHTH STREET
W CITY LIMIT TO LINCOLN AVENUE
STH 33 SAUK COUNTY

PART OF THE SW 1/4 OF THE NW 1/4 AND PART OF THE NW 1/4 OF THE SW 1/4, SECTION 36, T12N R06E, CITY OF BARABOO, SAUK COUNTY, WISCONSIN.

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
159	ROGER A. & PATRICIA A. LA MASNEY	TLE	55
160	JASON PAUL COGNAC	TLE	152
161	DEVRA A., CHANDRA, ALYSSA & BRIANNA DORNER	TLE	122
162	MATTHEW JASON BARTOL III	TLE	75

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
NA	NA	NA

THIS MAP IS APPROVED FOR THE CITY OF BARABOO

SIGNATURE: _____ DATE: 7/29/21

PRINT NAME: Rob Nelson, Mayor

FILE NAME : TLE EXHIBITS.DWG PLOT DATE : 7/16/2021 10:34 AM R/W PROJECT: 5090-05-01 -3

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.

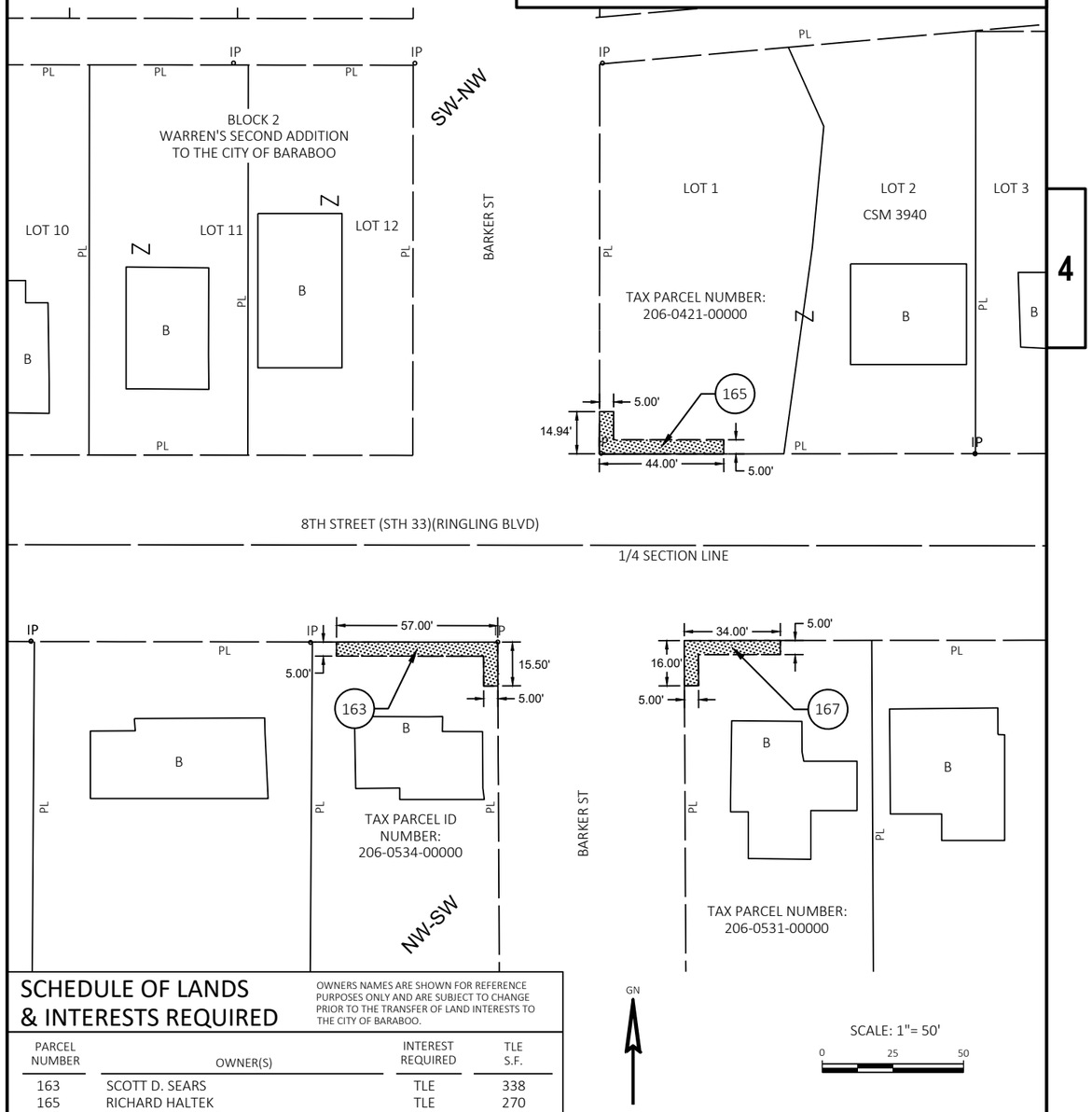
THE PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR GRADING, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 5090-05-21	SHEET NUMBER: 4

TLE ACQUISITION EXHIBIT
C BARABOO, EIGHTH STREET
W CITY LIMIT TO LINCOLN AVENUE
STH 33 SAUK COUNTY

PART OF THE SW 1/4 OF THE NW 1/4 AND PART OF THE SW 1/4 OF THE NW 1/4, SECTION 36, T12N R06E, CITY OF BARABOO, SAUK COUNTY, WISCONSIN.

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
163	SCOTT D. SEARS	TLE	338
165	RICHARD HALTEK	TLE	270
167	HAROLD A. PIERCE	TLE	225

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
NA	NA	NA

THIS MAP IS APPROVED FOR THE CITY OF BARABOO

SIGNATURE: _____ DATE: 7/29/21

PRINT NAME: Rob Nelson, Mayor

FILE NAME : TLE EXHIBITS.DWG PLOT DATE : 7/16/2021 10:34 AM R/W PROJECT: 5090-05-01 -4

NOTES:
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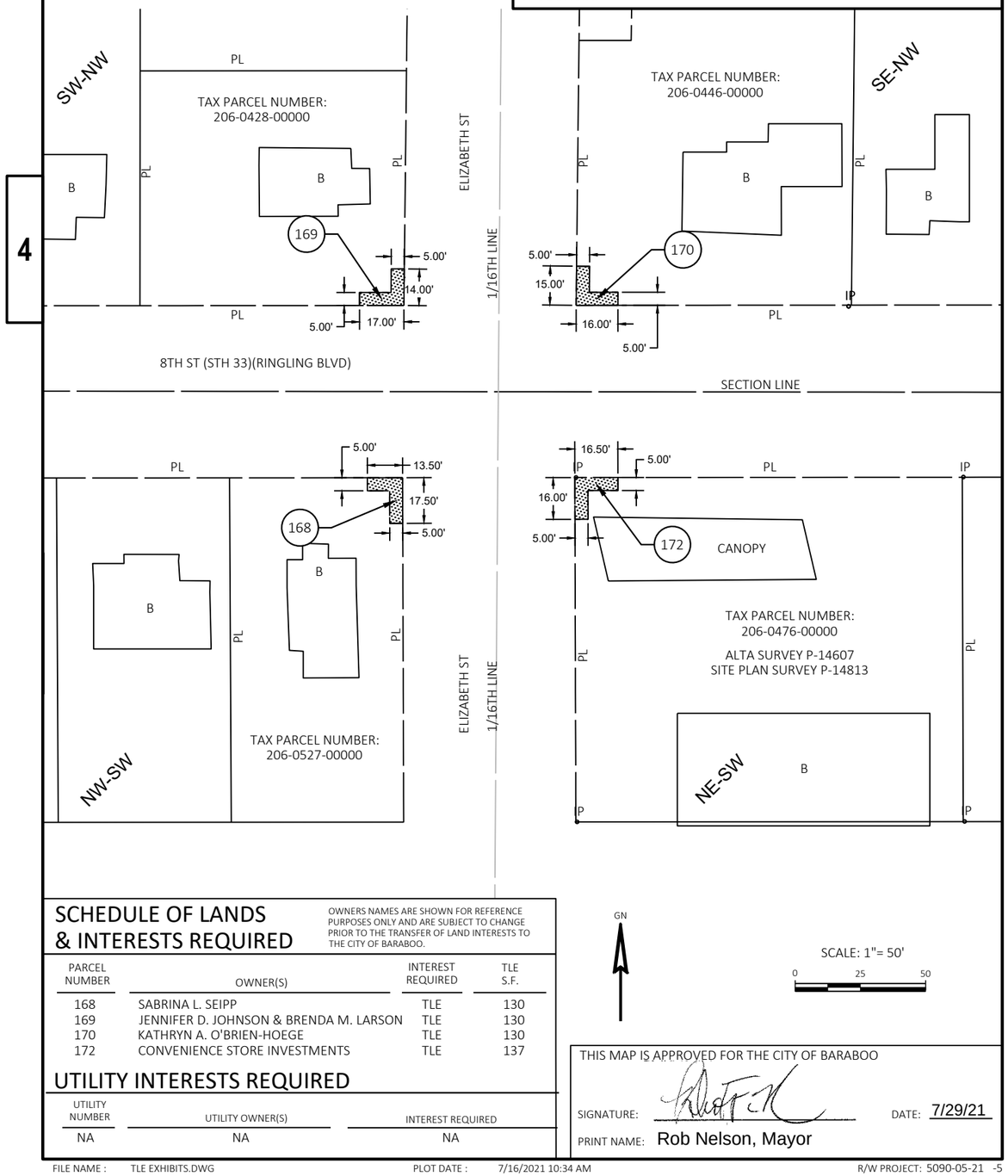
THE PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR GRADING, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 5090-05-21	SHEET NUMBER: 5

TLE ACQUISITION EXHIBIT
C BARABOO, EIGHTH STREET
W CITY LIMIT TO LINCOLN AVENUE
STH 33 SAUK COUNTY

PART OF THE SW 1/4 OF THE NW 1/4 AND PART OF THE NW 1/4 OF THE SW 1/4 AND PART OF THE SE 1/4 OF THE NW 1/4 AND PART OF THE NE 1/4 OF THE SW 1/4, SECTION 36, T12N R06E CITY OF BARABOO, SAUK COUNTY, WISCONSIN.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
168	SABRINA L. SEIPP	TLE	130
169	JENNIFER D. JOHNSON & BRENDA M. LARSON	TLE	130
170	KATHRYN A. O'BRIEN-HOEGE	TLE	130
172	CONVENIENCE STORE INVESTMENTS	TLE	137

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
NA	NA	NA

GN

SCALE: 1"= 50'
0 25 50

THIS MAP IS APPROVED FOR THE CITY OF BARABOO

SIGNATURE: [signature] DATE: 7/29/21

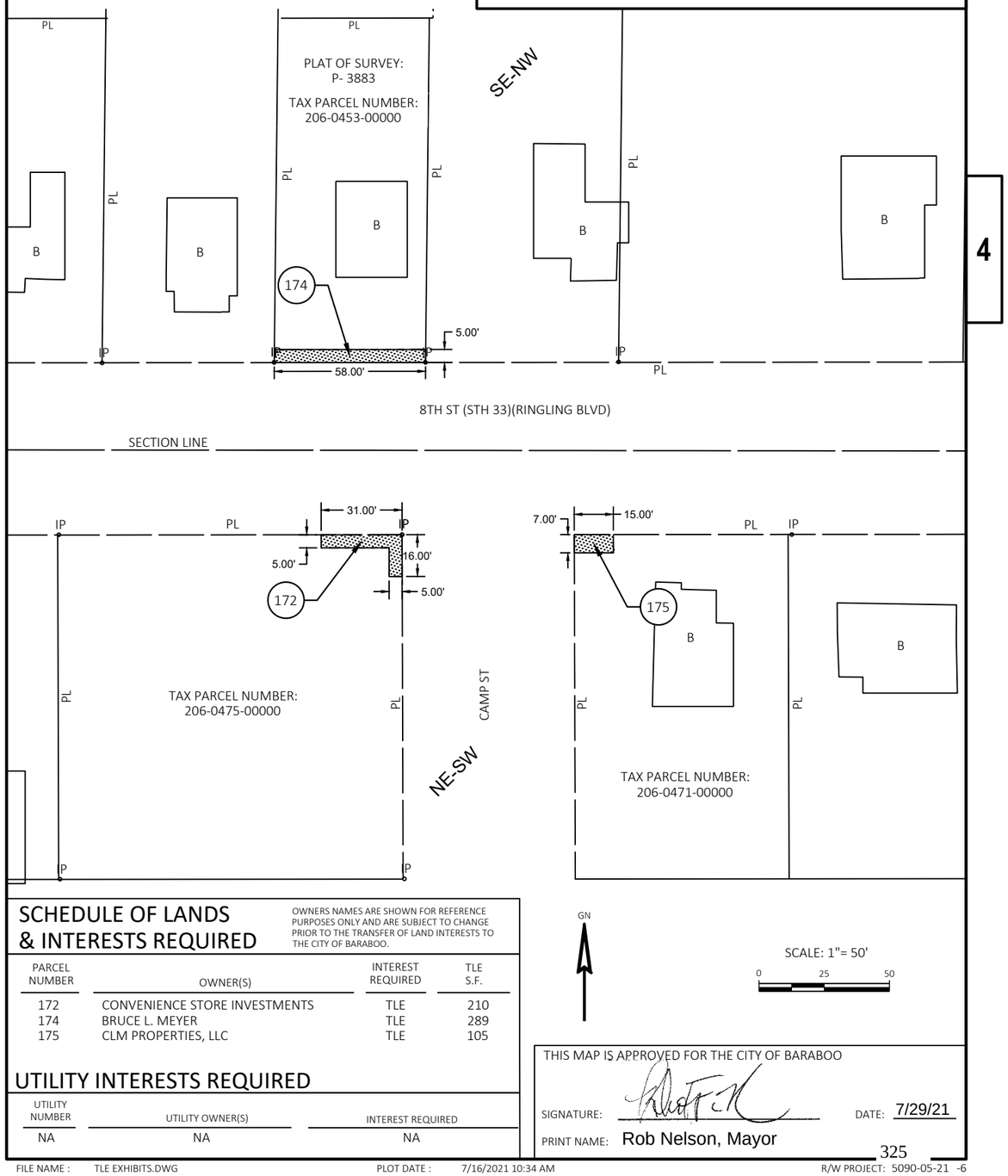
PRINT NAME: Rob Nelson, Mayor

FILE NAME : TLE EXHIBITS.DWG PLOT DATE : 7/16/2021 10:34 AM R/W PROJECT: 5090-05-21 -5

R/W PROJECT NUMBER: 5090-05-21	SHEET NUMBER: 6

TLE ACQUISITION EXHIBIT
C BARABOO, EIGHTH STREET
W CITY LIMIT TO LINCOLN AVENUE
STH 33 SAUK COUNTY

PART OF THE NE 1/4 OF THE SW 1/4 AND PART OF THE SE 1/4 OF THE NW 1/4, SECTION 36, T12N R06E, CITY OF BARABOO, SAUK COUNTY, WISCONSIN.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
172	CONVENIENCE STORE INVESTMENTS	TLE	210
174	BRUCE L. MEYER	TLE	289
175	CLM PROPERTIES, LLC	TLE	105

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
NA	NA	NA

GN

SCALE: 1"= 50'
0 25 50

THIS MAP IS APPROVED FOR THE CITY OF BARABOO

SIGNATURE: [signature] DATE: 7/29/21

PRINT NAME: Rob Nelson, Mayor

FILE NAME : TLE EXHIBITS.DWG PLOT DATE : 7/16/2021 10:34 AM R/W PROJECT: 5090-05-21 -6

NOTES:
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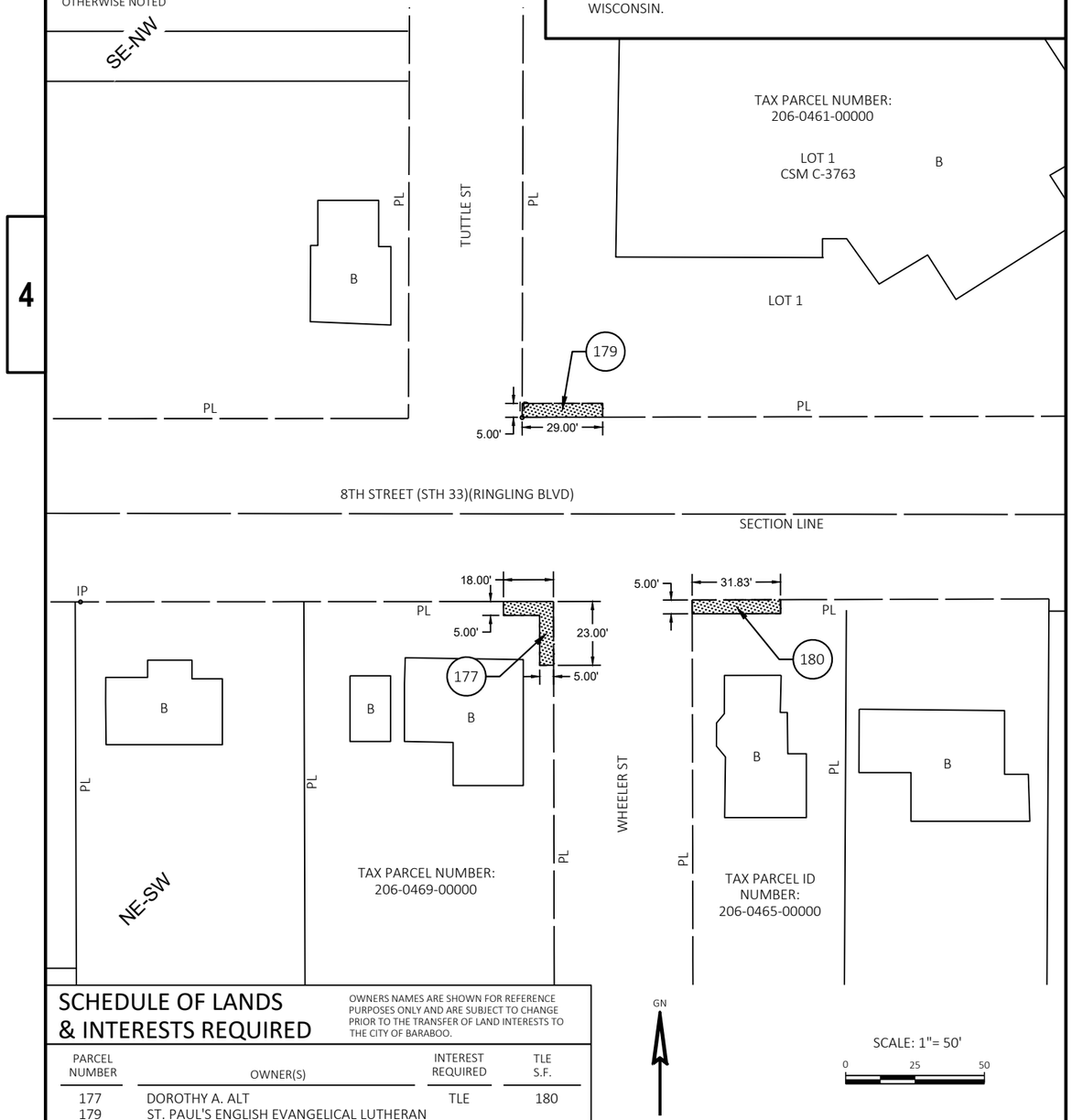
R/W PROJECT NUMBER: 5090-05-21	SHEET NUMBER: 7

TLE ACQUISITION EXHIBIT
C BARABOO, EIGHTH STREET
W CITY LIMITS TO LINCOLN AVENUE
STH 33 SAUK COUNTY

PART OF THE SE 1/4 OF THE NW 1/4 AND PART OF THE NE 1/4 OF THE SW 1/4 , SECTION 36, T12N R06E, CITY OF BARABOO, SAUK COUNTY WISCONSIN.

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
177	DOROTHY A. ALT	TLE	180
179	ST. PAUL'S ENGLISH EVANGELICAL LUTHERAN CHURCH	TLE	145
180	SCOTT C. HILL & SHANNON R. HILL	TLE	159

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
NA	NA	NA

THIS MAP IS APPROVED FOR THE CITY OF BARABOO

SIGNATURE: DATE: 7/29/21

PRINT NAME: Rob Nelson, Mayor

NOTES:
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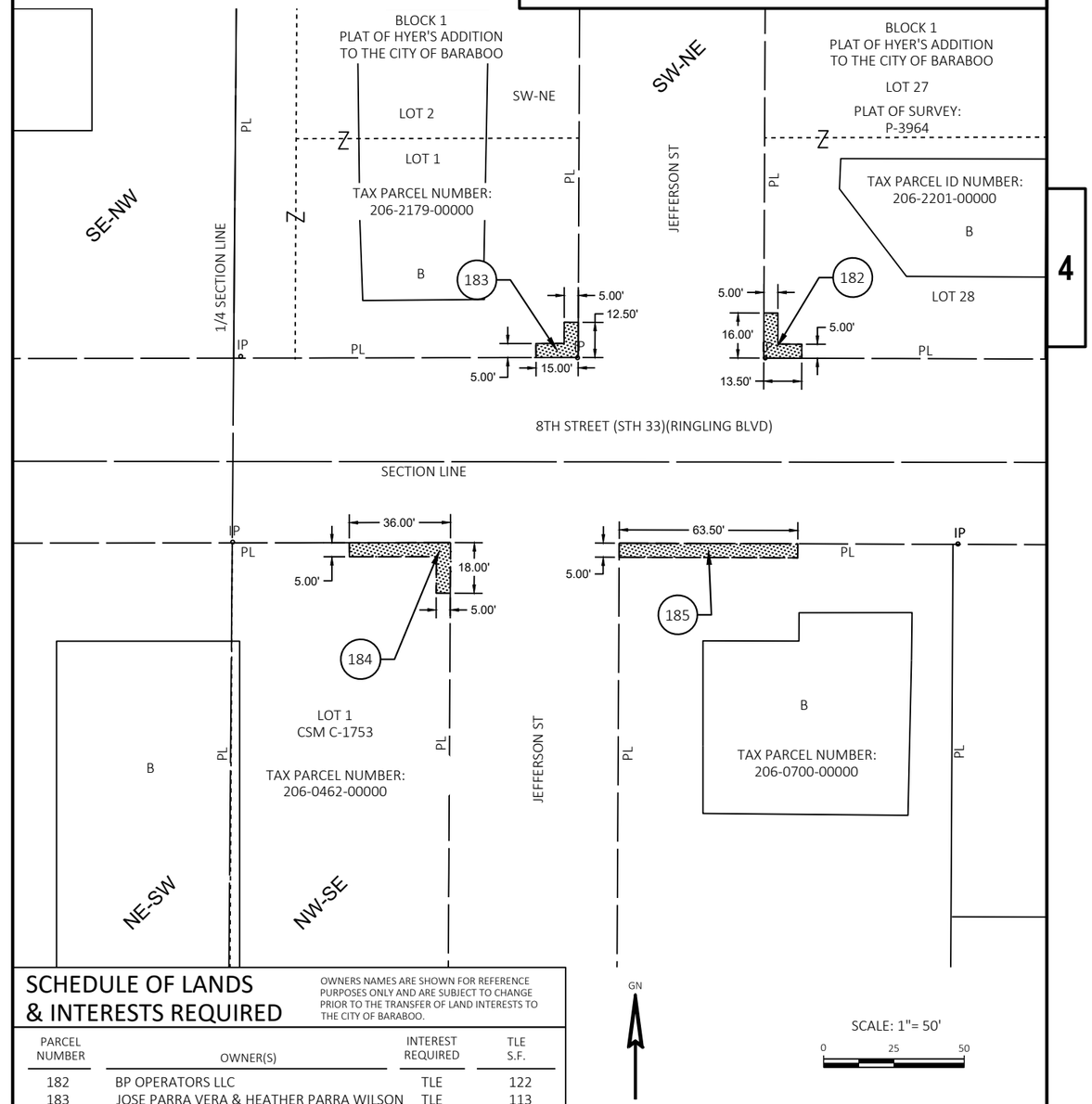
R/W PROJECT NUMBER: 5090-05-21	SHEET NUMBER: 8

TLE ACQUISITION EXHIBIT
C BARABOO, EIGHTH STREET
W CITY LIMIT TO LINCOLN AVENUE
STH 33 SAUK COUNTY

PART OF LOT 1 AND 28 BLOCK 1 PLAT OF HYER'S ADDITION TO THE CITY OF BARABOO AND PART OF THE SW 1/4 OF THE NE 1/4 AND PART OF THE NW 1/4 OF THE SE 1/4, SECTION 36, T12N R06E, CITY OF BARABOO, SAUK COUNTY WISCONSIN.

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
182	BP OPERATORS LLC	TLE	122
183	JOSE PARRA VERA & HEATHER PARRA WILSON	TLE	113
184	BP OPERATORS LLC	TLE	245
185	SCHOENOFF PROPERTIES, LLC	TLE	318

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
NA	NA	NA

THIS MAP IS APPROVED FOR THE CITY OF BARABOO

SIGNATURE: DATE: 7/29/21

PRINT NAME: Rob Nelson, Mayor

NOTES:
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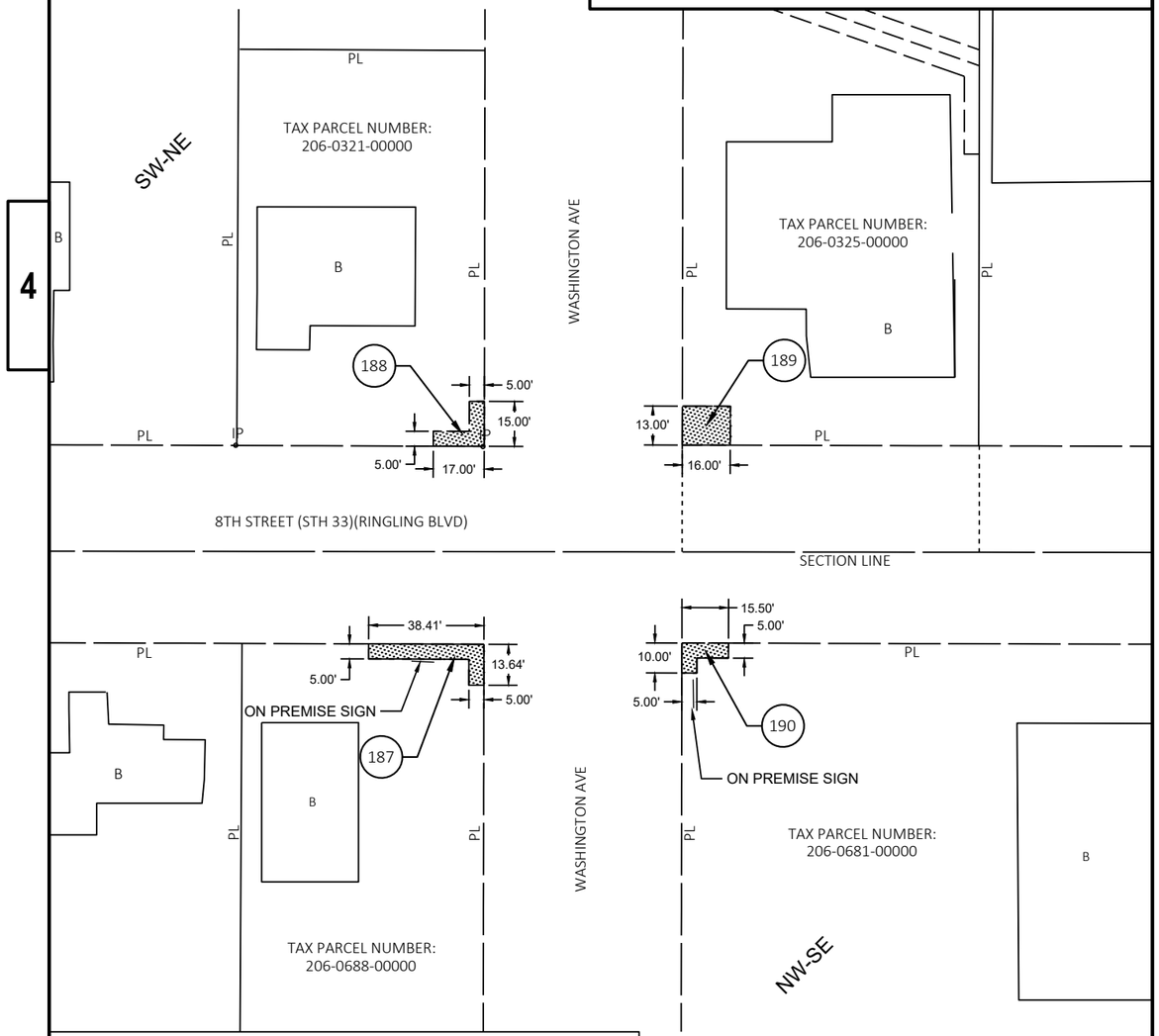
R/W PROJECT NUMBER: 5090-05-21	SHEET NUMBER: 9

TLE ACQUISITION EXHIBIT
C BARABOO, EIGHTH STREET
W CITY LIMIT TO LINCOLN AVENUE
STH 33 SAUK COUNTY

PART OF THE SW 1/4 OF THE NE 1/4 AND PART OF THE NW 1/4 OF THE SE 1/4, SECTION 36, T12N R06E, CITY OF BARABOO, SAUK COUNTY WISCONSIN.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
187	BARABOO CHIROPRACTIC OFFICES, S.C.	TLE	235
188	STARK ENTERPRISES, LLC	TLE	135
189	HOME HEALTH UNITED, INC	TLE	208
190	THE BARABOO NATIONAL BANK	TLE	103

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
NA	NA	NA

THIS MAP IS APPROVED FOR THE CITY OF BARABOO

SIGNATURE: DATE: 7/29/21

PRINT NAME: Rob Nelson, Mayor

NOTES:
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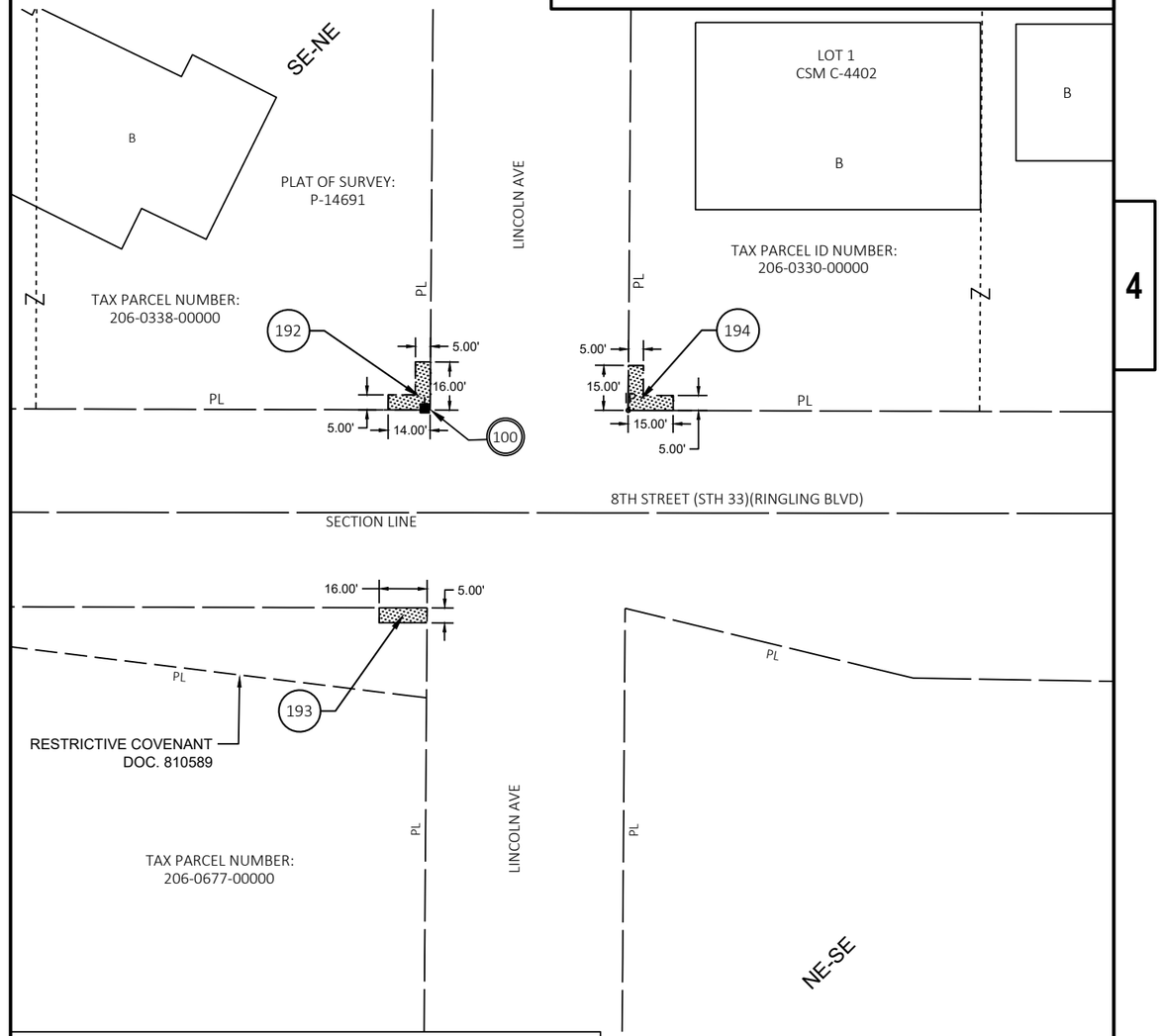
THE PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR GRADING, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 5090-05-21	SHEET NUMBER: 10

TLE ACQUISITION EXHIBIT
C BARABOO, EIGHTH STREET
W CITY LIMIT TO LINCOLN AVENUE
STH 33 SAUK COUNTY

PART OF THE SE 1/4 OF THE NE 1/4 AND PART OF THE NE 1/4 OF THE SE 1/4, SECTION 36, T12N R06E, CITY OF BARABOO, SAUK COUNTY WISCONSIN.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF BARABOO.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
192	605 BELMONT, LLC	TLE	125
193	SAUK COUNTY AGRICULTURAL SOCIETY INC	TLE	80
194	BARABOO SURGERY CENTER LLC	TLE	125

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	ALLIANT ENERGY	NO EASEMENT OF RECORD

THIS MAP IS APPROVED FOR THE CITY OF BARABOO

SIGNATURE: DATE: 7/29/21

PRINT NAME: Rob Nelson, Mayor

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
5465	4+24 RT	888.654	HYDRANT TOP FLANGE

506 LINN ST
JOEY M VAN WIE &
CRYSTAL VAN WIE
B

420 LINN ST
BAC LLC
B

BRIGHTSPEED - FO
ON SHARED ALLIANT POLES

BRIGHTSPEED
UG FO

OVERHEAD SIGN
STRUCTURE
S-56-0030

ALLIANT ENERGY ELEC
& SPECTRUM
OH

ALLIANT ENERGY
GAS

ALLIANT ENERGY
ELEC
UG

VILLAGE OF WEST BARABOO
WATER

W MULBERRY ST

STA 10+50'M'
MATCH EXISTING
SAW CUT REQ'D

STA 9+35'M'
MATCH EXISTING
SAW CUT REQ'D

SLOPE INTERCEPT, TYP.

BM 5465

CAUTION

R/W

TLE

P.L.

N

MATCH LINE STA. 7+25.00

BEGIN PROJECT 5090-05-60
STA 4+00.00
MATCH EXISTING
SAW CUT REQ'D

507 LINN ST
TERESA K LLC

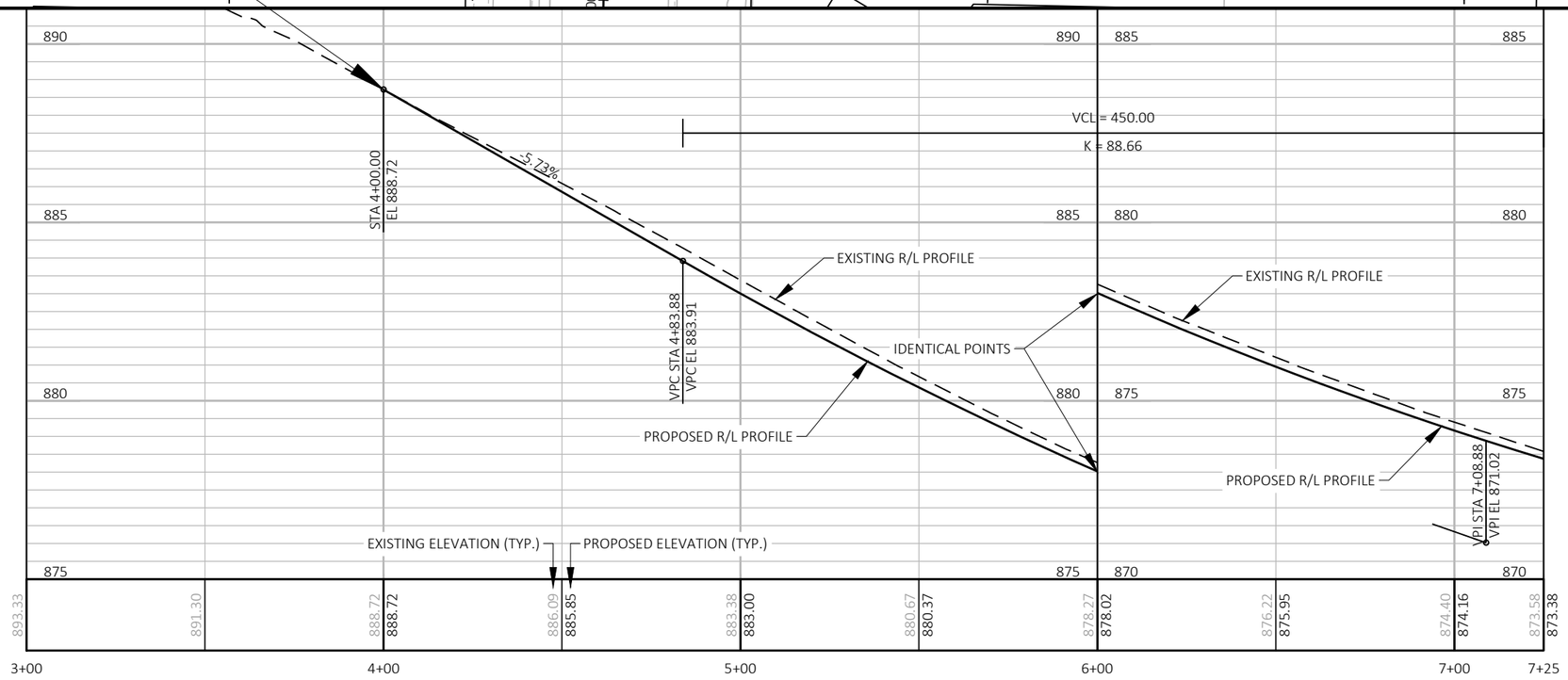
433 LINN ST
QSM HOLDINGS LLC

423 LINN ST
BARABOO, SCHOOL
DISTRICT OF

STH 33

4+00 5+00 6+00 7+00

5



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 328	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 1:46 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
5001	7+90 LT	873.822	HYDRANT TOP FLANGE

N

MATCH LINE STA. 7+25.00

MATCH LINE STA. 12+75.00

328 LINN ST
PHILIP V HERRITZ

320 LINN ST
PHILIP V HERRITZ

312 LINN ST
DAVID A GERFEN
AND
LEAH GERFEN

302 LINN ST
DARREN A SHIELDS &
CYNTHIA L ENNIS LIVING TRUST

417 LINN ST
BARABOO, SCHOOL
DISTRICT OF

401 LINN ST
TOP HAT HOLDINGS LLC

333 LINN ST
TOP HAT HOLDINGS LLC

323 LINN ST
JORDAN D VOLK
AND ASHLI VOLK

321 LINN ST
JUSTINE F BRADLEY

315 LINN ST
JOHN E EDWARDS

301 L
BAN
CLEAN

ALLIANT ENERGY ELEC

ALLIANT ENERGY ELEC & SPECTRUM OH

SLOPE INTERCEPT, TYP.

BM 5001(P)

ALLIANT ENERGY GAS

VILLAGE OF WEST BARABOO

STH 33

8+00

9+00

10+00

11+00

12+00

VILLAGE OF WEST BARABOO WATER

ALLIANT ENERGY & SPECTRUM OH ELEC

CAUTION

SLOPE INTERCEPT, TYP.

MAILBOX MOVED BY OTHERS, TYP.

STA 9+25'WA'
MATCH EXISTING
SAW CUT REQ'D

WALNUT ST

TLE

R/W

P.L.

5

880

875

870

865

VCL = 450.00

K = 88.66

VCL = 200.00

K = 114.27

EXISTING R/L PROFILE

PROPOSED R/L PROFILE

-0.65%

VPT STA 9+33.88
VPT EL 869.55

VPC STA 10+97.83
VPC EL 868.48

VPI STA 11+97.83
VPI EL 867.82

EXISTING ELEVATION (TYP.)

PROPOSED ELEVATION (TYP.)

| | | |

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
5472	14+68 RT	864.320	HYDRANT TOP FLANGE

STA 10+60'CO'
MATCH EXISTING
SAW CUT REQ'D

CONNIE RD

246 LINN ST
PARCHEM RENTALS LLC

242 LINN ST
PARCHEM
RENTALS LLC

240 LINN ST
WEST HILL
DEVELOPMENT
LLC

218 LINN ST
WEST HILL
DEVELOPMENT
LLC

ALLIANT ENERGY ELEC &
SPECTRUM
OH

SLOPE INTERCEPT, TYP.

VILLAGE OF WEST
BARABOO

ALLIANT ENERGY
GAS

BRIGHTSPEED UG

BRIGHTSPEED
OH

VILLAGE OF WEST
BARABOO WATER

ALLIANT ENERGY
ELEC OH

BM 5472

BRIGHTSPEED
UG

SLOPE INTERCEPT, TYP.

BRIGHTSPEED
FO OH

MAILBOX MOVED
BY OTHERS, TYP.

SLOPE INTERCEPT, TYP.

STA 9+40'C'
MATCH EXISTING
SAW CUT REQ'D

301 LINN ST
BAND BOX
CLEANERS INC

231 LINN ST
SEAN FOSTER

225 LINN ST
RICKY C MERGEN
CYNTHIA J MAYER

221 LINN ST
HAROLD L AND
KATHRYN C
MEYER

213 LINN ST
JILL L LUCE

203 LINN ST
WEBER RENTALS LLC

CEDAR ST

MATCH LINE STA. 12+75.00

MATCH LINE STA. 18+50.00

VPT STA 12+97.83
VPT EL 865.42

VCL = 250.00
K = 149.81

-2.40%

VCL = 200.00
K = 114.27

VPC STA 13+15.00
VPC EL 865.01

VPI STA 14+40.00
VPI EL 862.00

PROPOSED R/L PROFILE

EXISTING R/L PROFILE

VPT STA 15+65.00
VPT EL 861.08

-0.74%

VCL = 550.00
K = 1914.70

VPC STA 17+25.12
VPC EL 859.90

EXISTING ELEVATION (TYP.)

PROPOSED ELEVATION (TYP.)

865.62	865.94	865.12	865.37	864.01	864.20	863.14	863.20	862.35	862.37	861.70	861.70	861.16	861.20	860.78	860.82	860.39	860.46	860.10	860.09	859.78	859.72	859.42	859.37	859.09	859.02
12+75		13+00			14+00					15+00					16+00				17+00				18+00		18+50

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 330	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 03

PLOT DATE : 4/29/2023 1:49 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

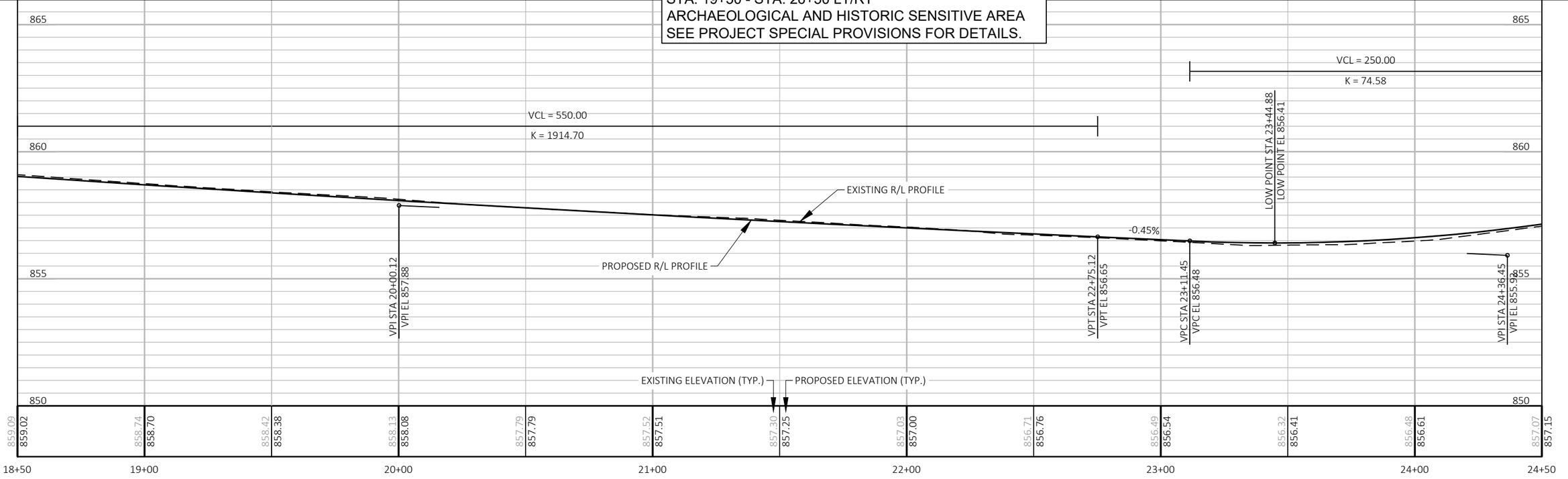
WISDOT/CADDS SHEET 44

206 LINN ST
WEST HILL DEVELOPMENT LLC
166 LINN ST
WEST HILL DEVELOPMENT LLC
615 W HILL ST
WEST HILL DEVELOPMENT LLC
146 LINN ST
DAVID VAN SYLKE
138 LINN ST
KARL A DENKER

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
6290	20+66 LT	859.932	HYDRANT TOP FLANGE

ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
ALLIANT ENERGY ELEC & SPECTRUM OH
SLOPE INTERCEPT, TYP.
STA 10+80'H'
MATCH EXISTING SAW CUT REQ'D
ALLIANT ENERGY POLE
SPECTRUM FO UG
SLOPE INTERCEPT, TYP.
MAILBOX MOVED BY OTHERS, TYP.
SPECTRUM FO UG
MATCH LINE STA. 18+50.00
MATCH LINE STA. 24+50.00
BM 6290
ALLIANT ENERGY GAS
VILLAGE OF WEST BARABOO WATER
ALLIANT ENERGY ELEC OH SHARED POLES WITH BRIGHTSPEED
VILLAGE OF WEST BARABOO
VILLAGE OF WEST BARABOO
MAILBOX MOVED BY OTHERS, TYP.
SLOPE INTERCEPT, TYP.
EXISTING BOX CULVERT TO REMAIN
STA 9+18'WI'
MATCH EXISTING SAW CUT REQ'D
161 LINN ST
JOSHUA SKILONDZ AND AMANDA HEBEL
157 LINN ST
ROY G AND JANE M FRANZEN
147 LINN ST
KPG RIVERWALK LLC
BRIGHTSPEED FO UG
135 LINN ST
KPG RIVERWALK LLC
HILL ST
WILLOW ST
STH 33
CAUTION

STA. 19+50 - STA. 26+50 LT/RT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 331	E

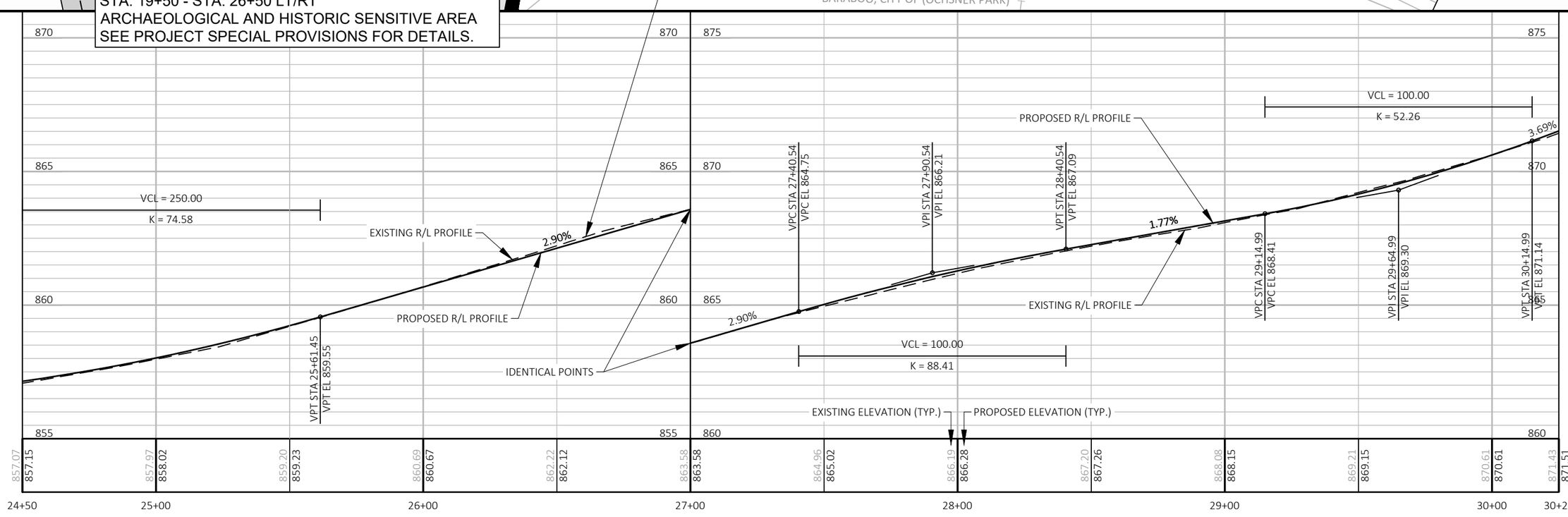
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 04
PLOT DATE : 4/29/2023 1:51 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
6854	27+34 LT	868.036	HYDRANT TOP FLANGE

X = 646,455.038
Y = 239,123.985
(PUBLISHED ON LAND SURVEY MONUMENT RECORD)

SPECTRUM FO UG
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
MAILBOX MOVED BY OTHERS, TYP.
VILLAGE OF WEST BARABOO WATER
ALLIANT ENERGY ELEC & SPECTRUM OH
VILLAGE OF WEST BARABOO
VILLAGE OF WEST BARABOO
CITY OF BARABOO
907 BERKLEY BLVD
CAROL A BLOEDORN
CITY OF BARABOO WATER
CITY OF BARABOO
CITY OF BARABOO SAN
844 8TH AVE
HARDEB ENTERPRISES LLC
SLOPE INTERCEPT, TYP.
BM 6854
SLOPE INTERCEPT, TYP.
BEGIN PROJECT 5090-05-71
END PROJECT 5090-05-60
STA. 26+60
101 SOUTH BLVD
BARABOO, CITY OF (OCHSNER PARK)
MATCH LINE STA. 24+50.00
MATCH LINE STA. 30+25.00
STH 33
R/W
TLE
25+00
26+00
27+00
28+00
29+00
30+00
N

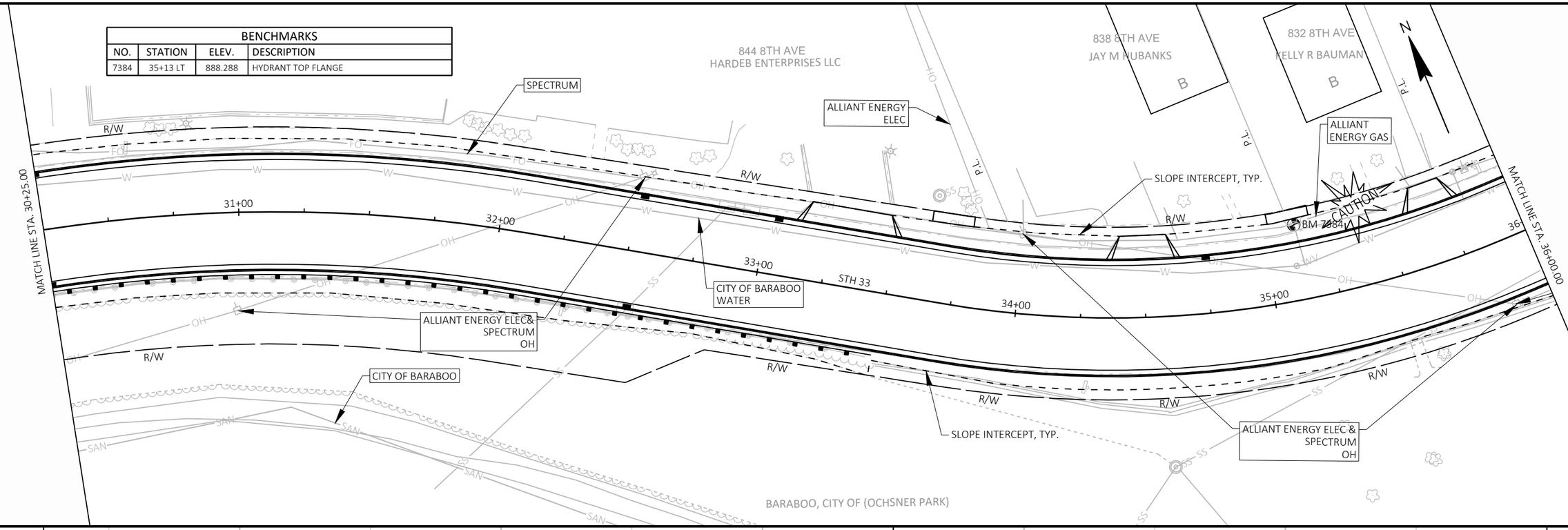
STA. 19+50 - STA. 26+50 LT/RT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.

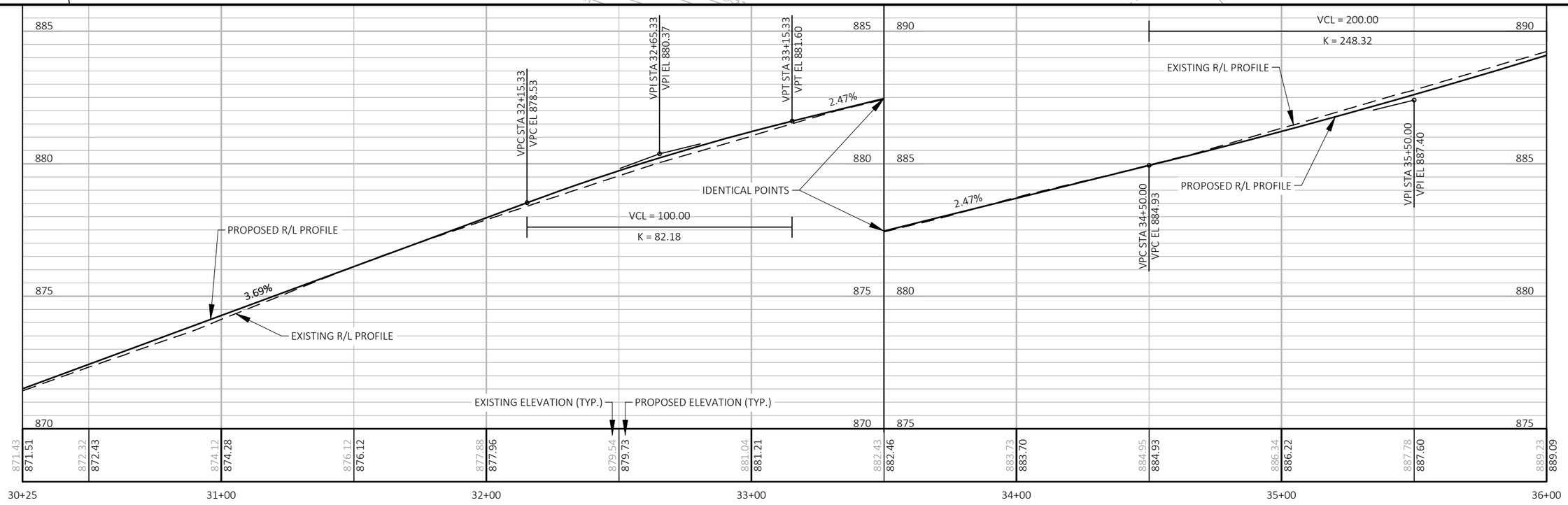


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 332	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 05
PLOT DATE : 4/29/2023 1:52 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

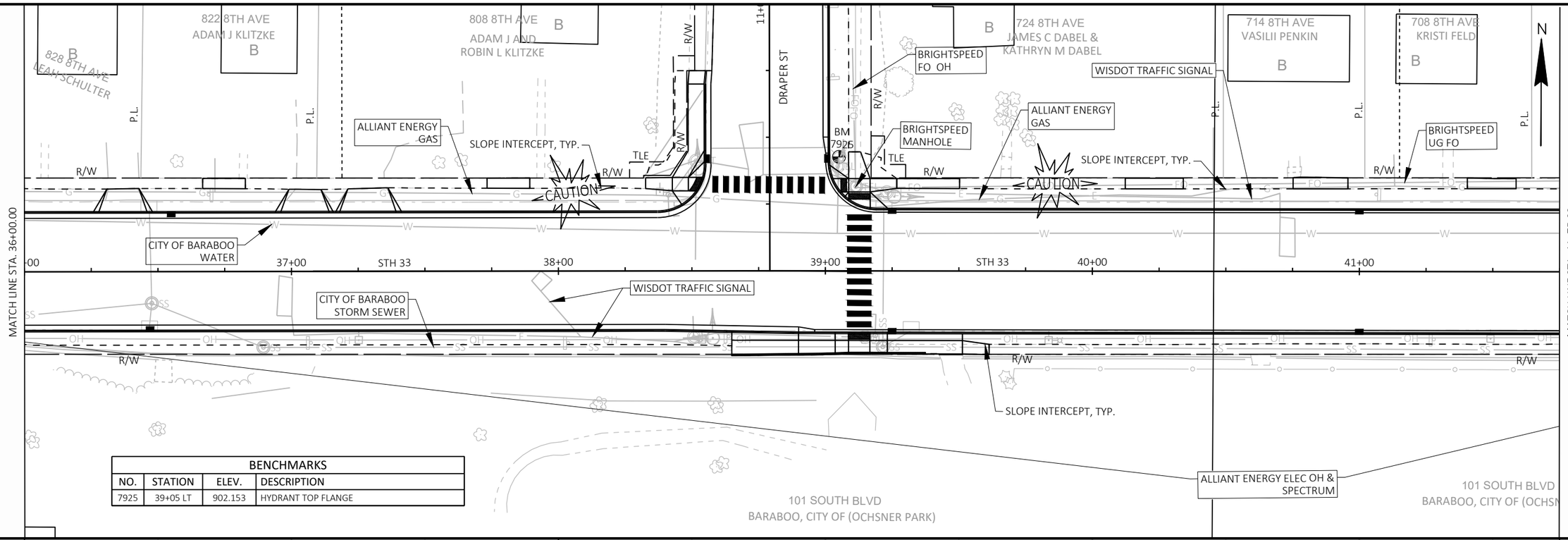
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
7384	35+13 LT	888.288	HYDRANT TOP FLANGE



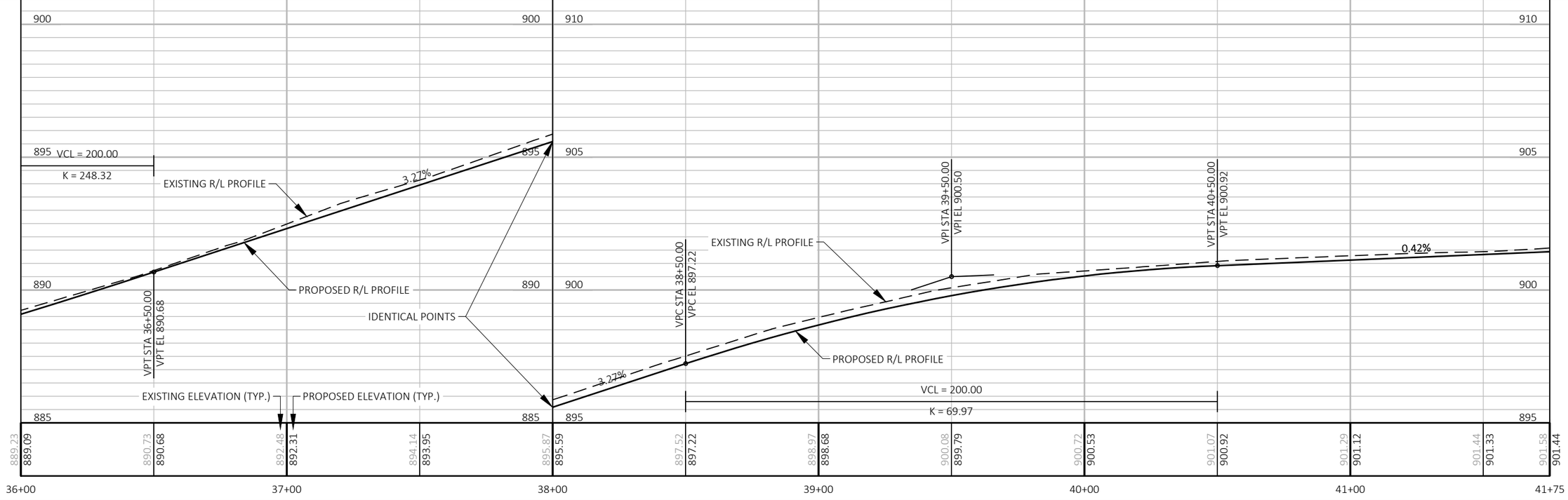


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 333	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 06
PLOT DATE : 4/29/2023 1:54 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
7925	39+05 LT	902.153	HYDRANT TOP FLANGE

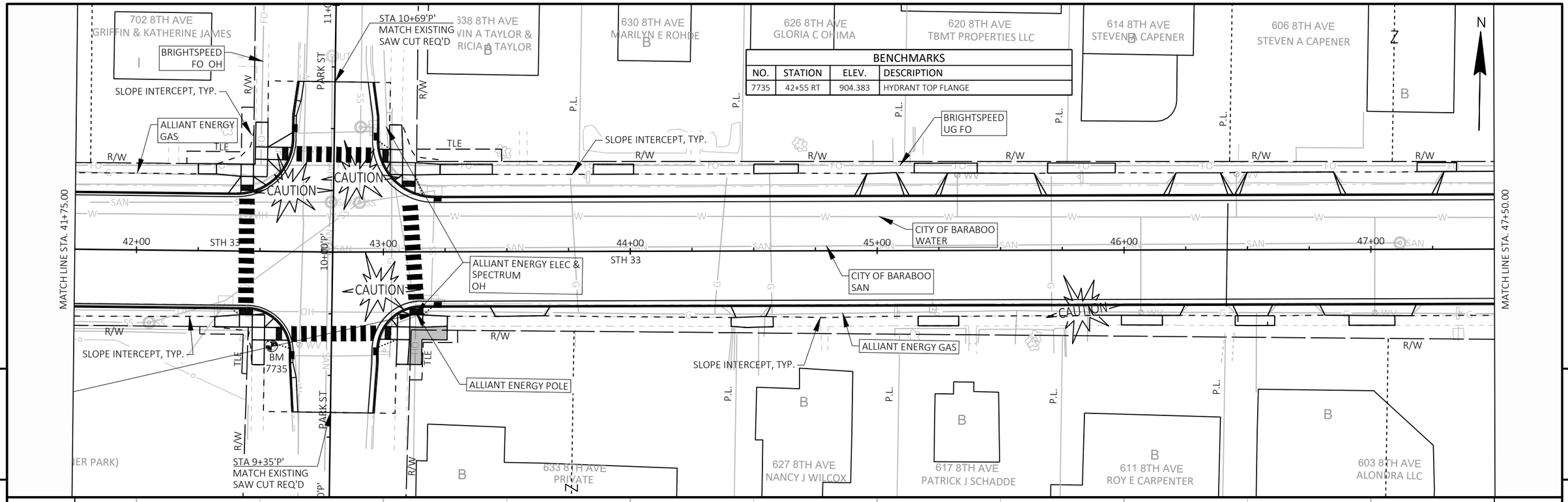


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 334	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 07

PLOT DATE : 4/29/2023 2:07 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

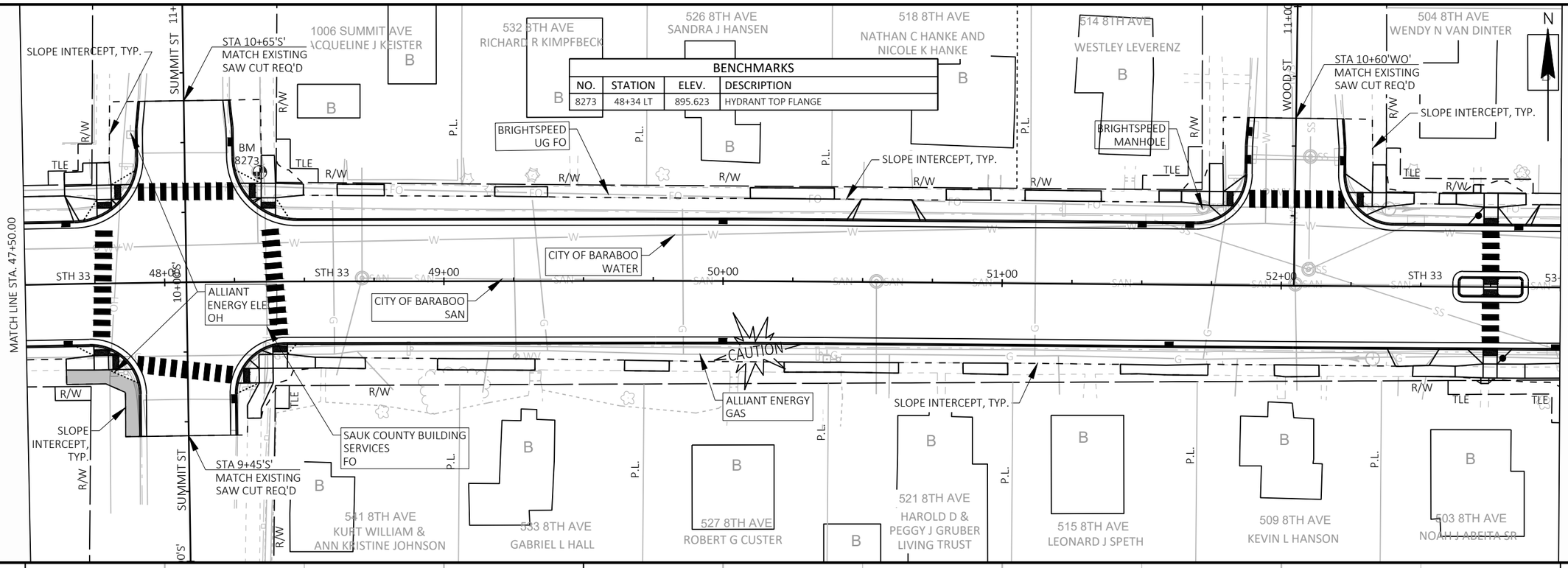


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 335	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 08

PLOT DATE : 4/29/2023 2:09 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 336	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 09
PLOT DATE : 4/29/2023 2:12 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
8704	53+62 LT	881.951	HYDRANT TOP FLANGE
9595	57+08 LT	886.458	HYDRANT TOP FLANGE

500 8TH AVE
STEPHANIE M INMAN

418 8TH AVE
ANDREA PICKEL
AND COREY CARLSON

414 8TH AVE
MEGHA CORP

406 8TH AVE

1005 WEST ST
DONALD N. &
SHIRLEY A. GASS

332 8TH AVE
BRUNI RENTALS LLC

320 8TH AVE
DIANA VERWEY

316 8TH AVE
JEFFREY
KLAETSCH

421 8TH AVE
PATRICK J ACKER

417 8TH AVE
RALPH HIGGINS

415 8TH AVE
HR PROPERTIES
OF WISCONSIN
LLC

411 8TH AVE
JEFFREY R
PAULSON

919 WEST ST
FRANCES L YUKUS

335 8TH AVE
LACELYNN
PROPERTIES LLC

329 8TH AVE
MICHAEL L
SAINSBURY

327 8TH AVE
LACELYNN
PROPERTIES LLC

BM 8704

BM 9595

BRIGHTSPEED
UG FO

SLOPE INTERCEPT, TYP.

CITY OF BARABOO
WATER

CITY OF BARABOO
SAN

CITY OF BARABOO
STORM SEWER

ALLIANT ENERGY
GAS

STA 10+60'WE'
MATCH EXISTING
SAW CUT REQ'D

STA 9+45'WE'
MATCH EXISTING
SAW CUT REQ'D

STA 9+30'CE'
MATCH EXISTING
SAW CUT REQ'D

WEST ST

CENTER ST

STH 33

MATCH LINE STA. 53+00.00

MATCH LINE STA. 59+00.00

N

5

5

890
885
880
875

VCL = 140.00
K = 53.59

VCL = 200.00
K = 41.26

-0.40%

2.22%

PROPOSED R/L PROFILE

EXISTING R/L PROFILE

VPC STA 54+09.80
VPC EL 878.49

LOW POINT STA 54+31.02
LOW POINT EL 878.45

VPI STA 54+79.80
VPI EL 878.22

VPT STA 55+49.80
VPT EL 879.77

VPC STA 58+02.42
VPC EL 885.37

EXISTING ELEVATION (TYP.)

PROPOSED ELEVATION (TYP.)

878.99	878.93	878.72	878.73	878.61	878.53	878.72	878.49	879.14	878.90	879.78	879.77	880.72	880.88	881.87	881.99	883.08	883.10	884.32	884.21	885.59	885.31	886.97	886.70	888.74	888.68

53+00 54+00 55+00 56+00 57+00 58+00 59+00

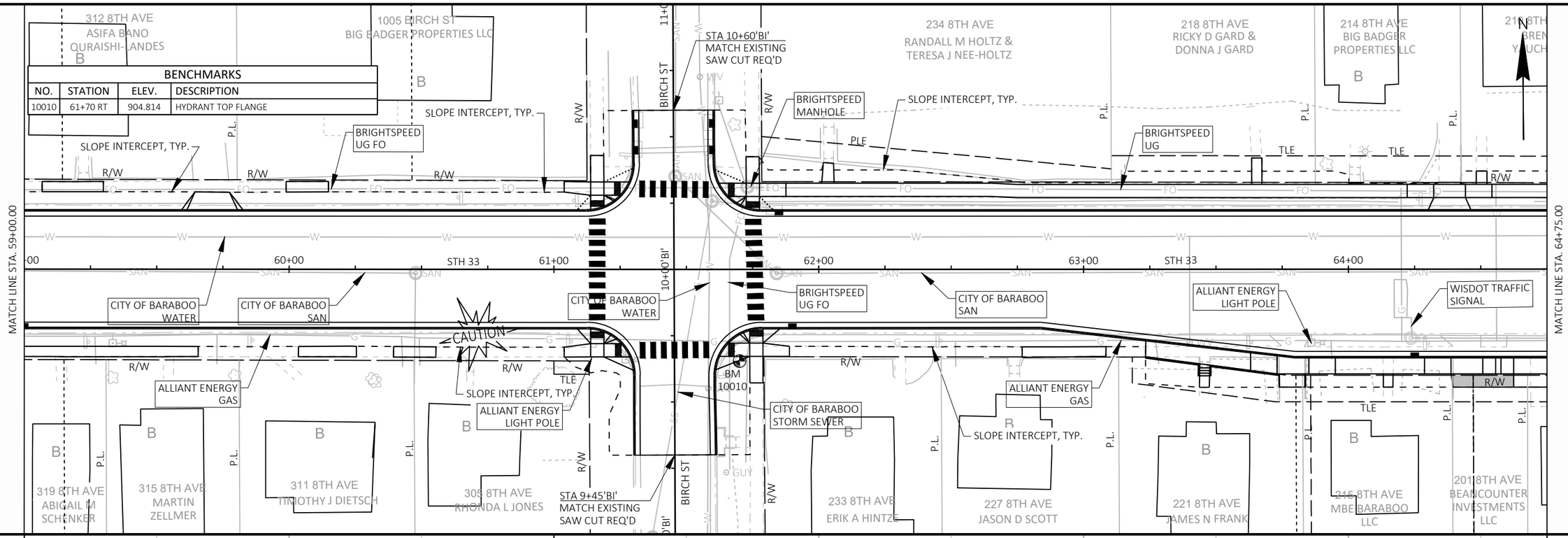
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 337	E

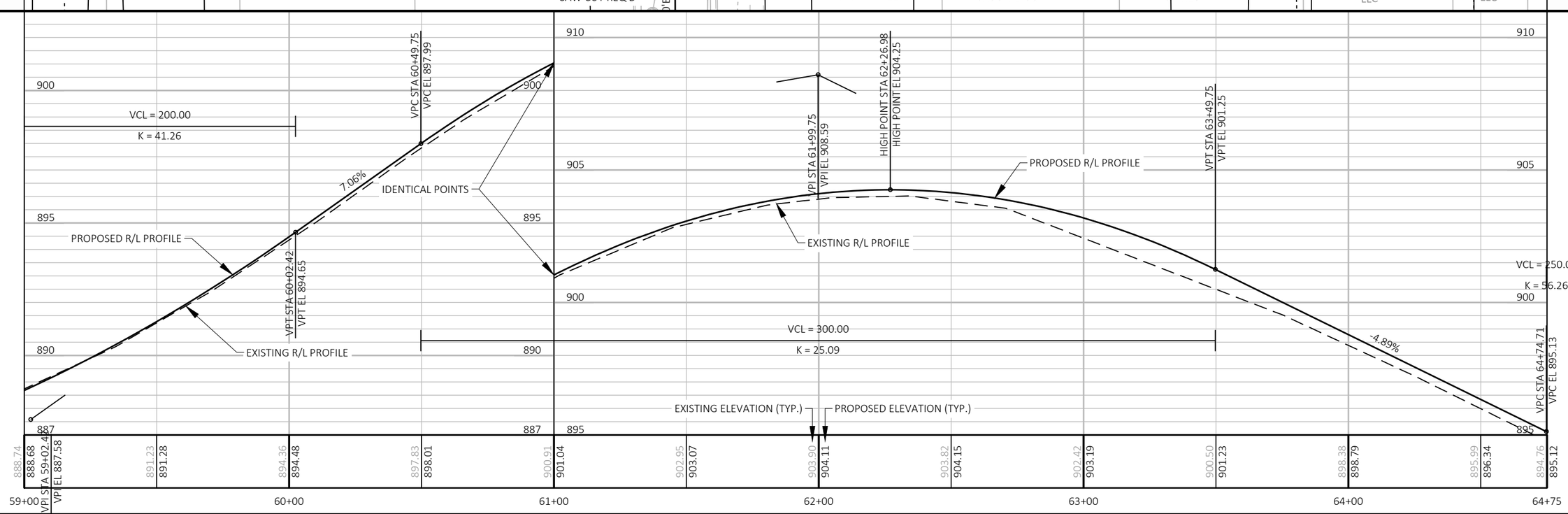
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 10

PLOT DATE : 4/29/2023 2:13 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
10010	61+70 RT	904.814	HYDRANT TOP FLANGE



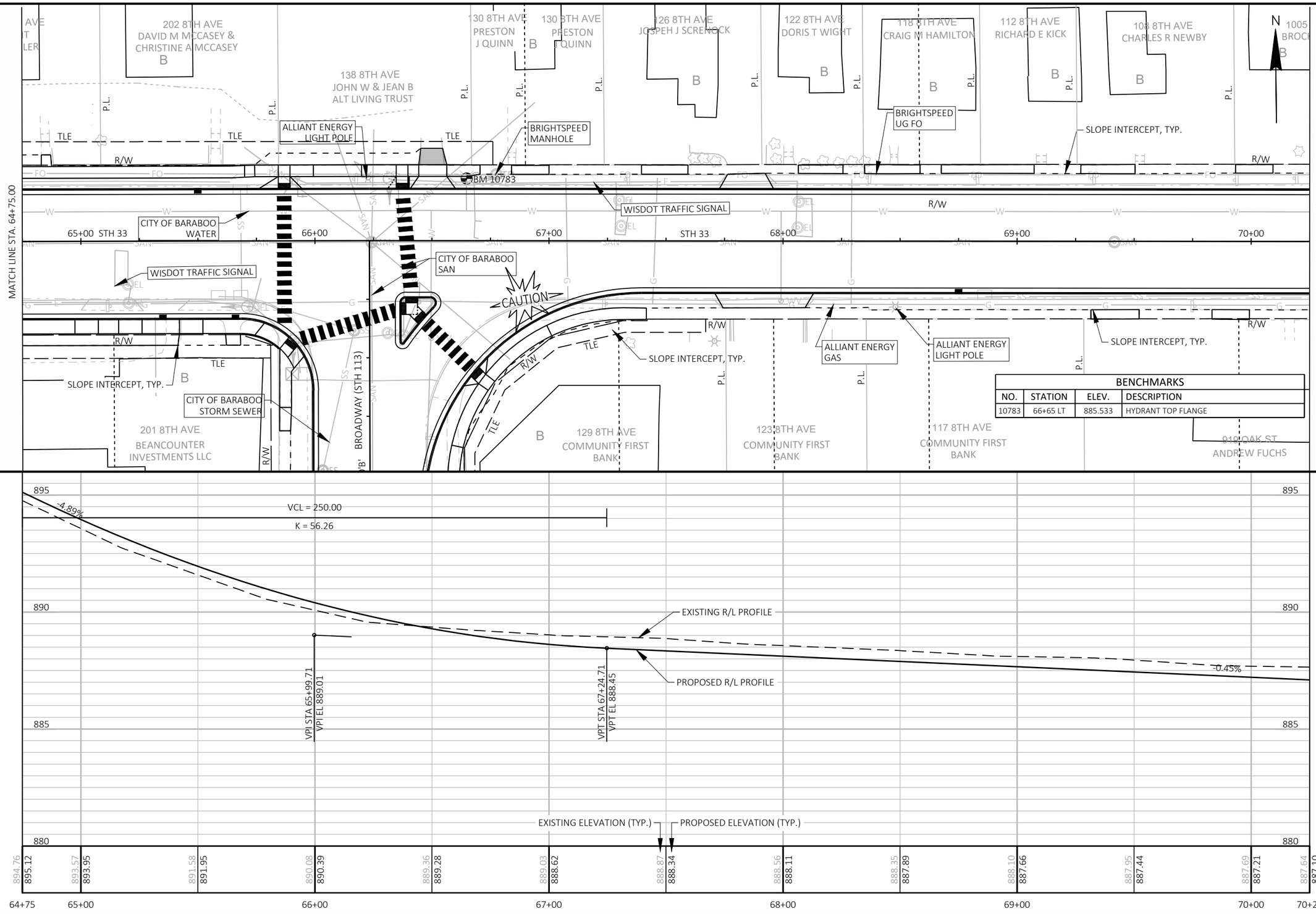


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 338	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 11

PLOT DATE : 4/29/2023 2:14 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

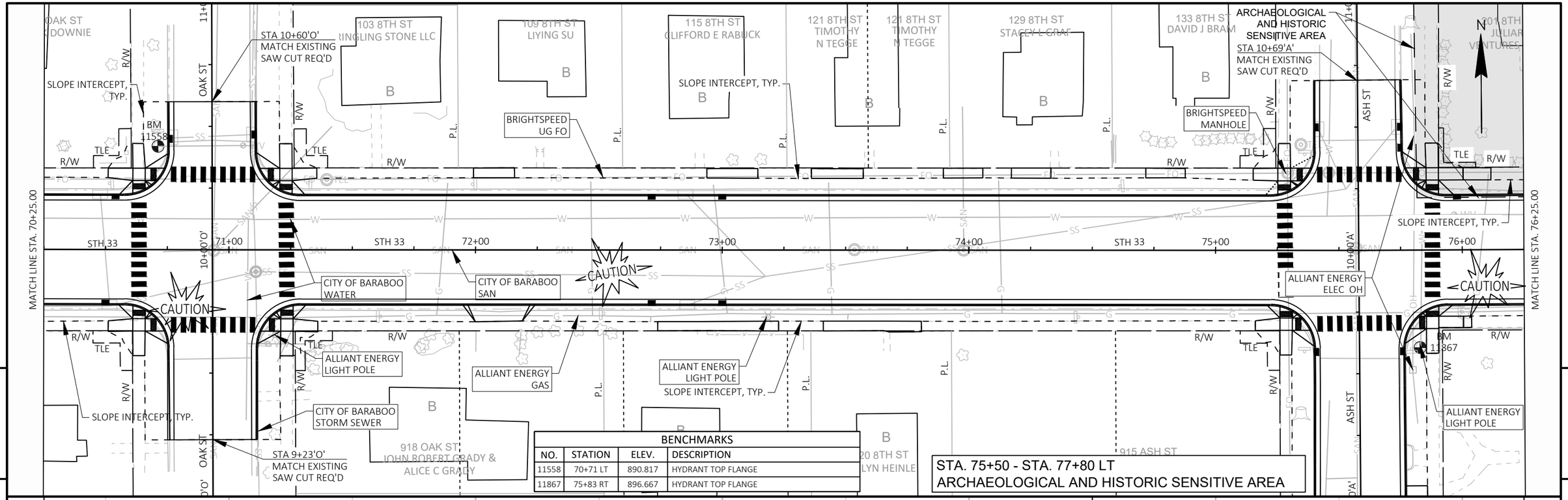
WISDOT/CADDS SHEET 44



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 339	E

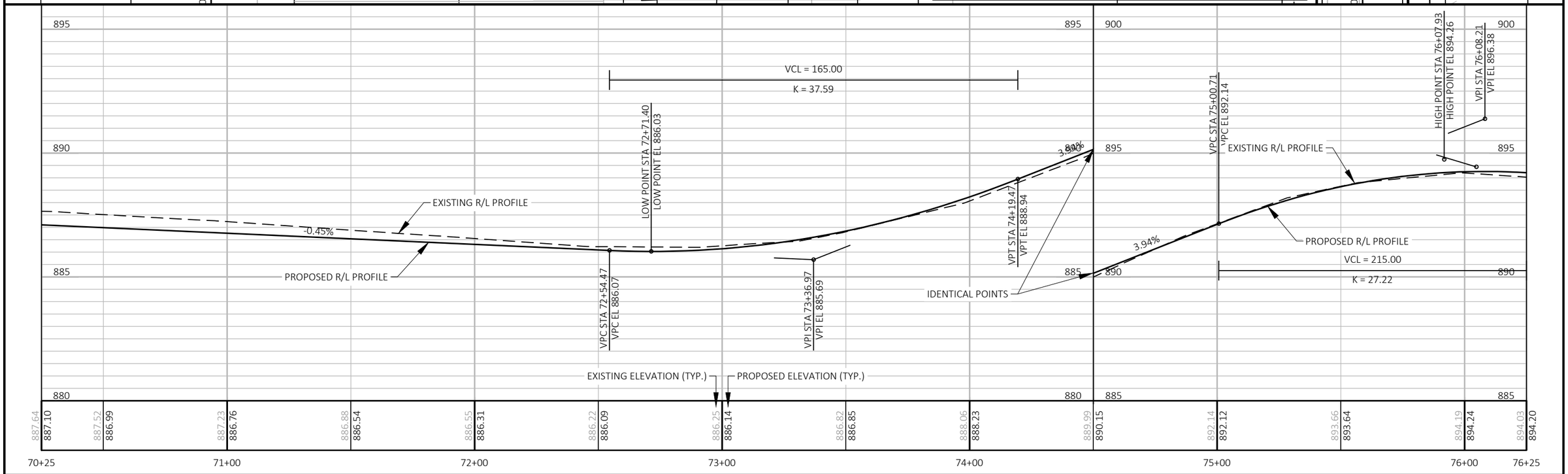
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 12

PLOT DATE : 4/29/2023 2:17 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT



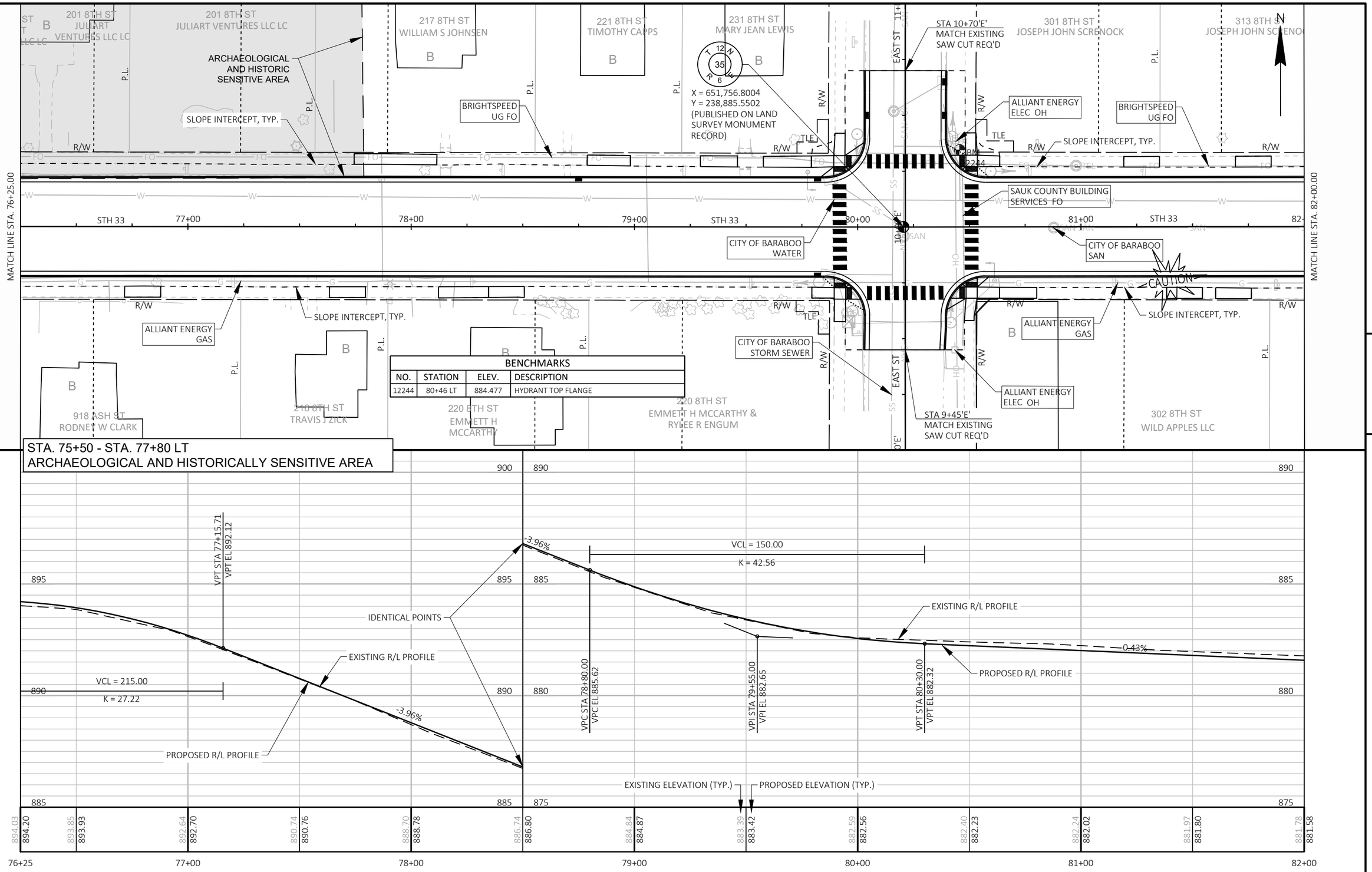
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
11558	70+71 LT	890.817	HYDRANT TOP FLANGE
11867	75+83 RT	896.667	HYDRANT TOP FLANGE

STA. 75+50 - STA. 77+80 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 340	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 13
PLOT DATE : 4/29/2023 2:18 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

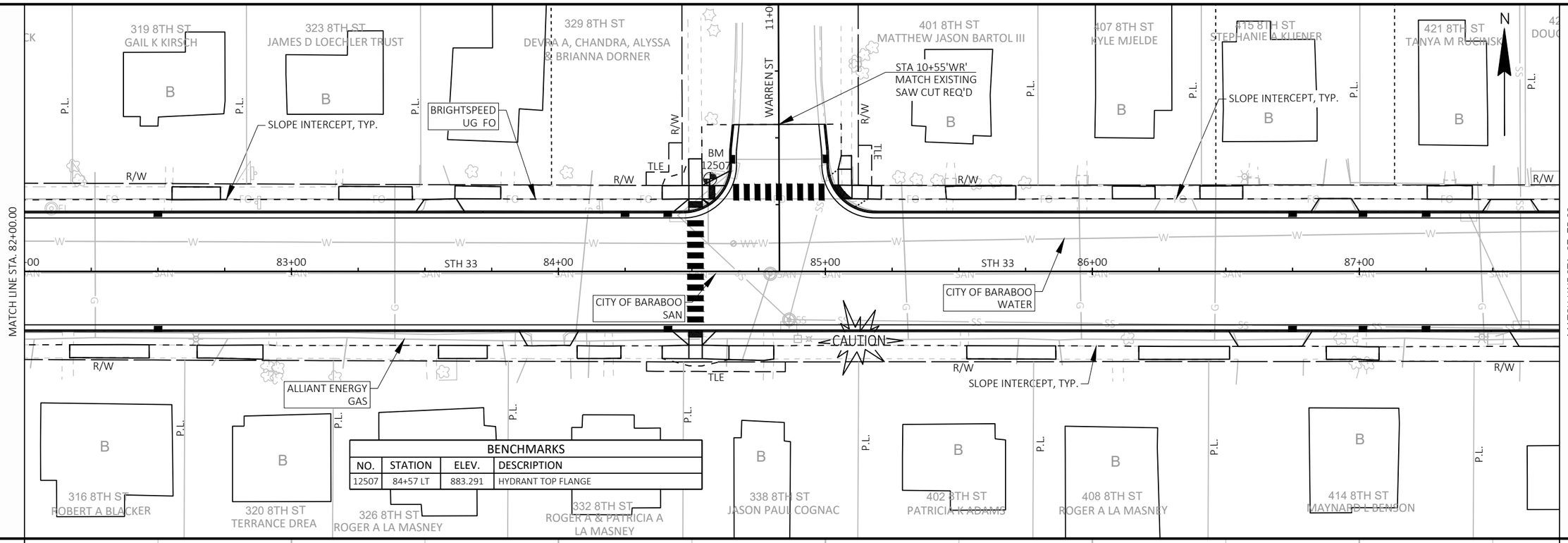


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 341	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 14

PLOT DATE : 4/29/2023 2:19 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

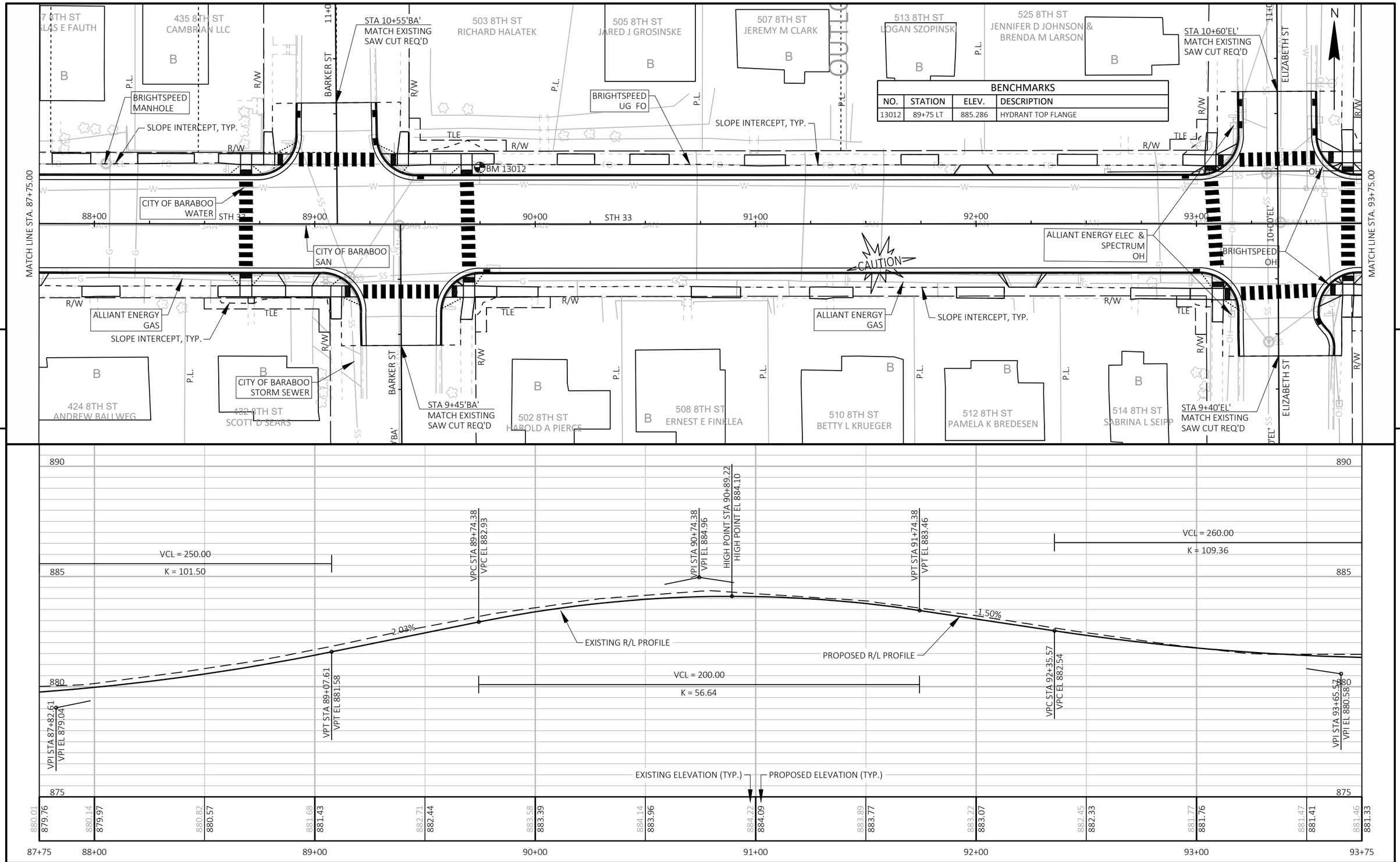


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 342	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 15

PLOT DATE : 4/29/2023 2:21 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 343	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 16

PLOT DATE : 4/29/2023 2:22 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

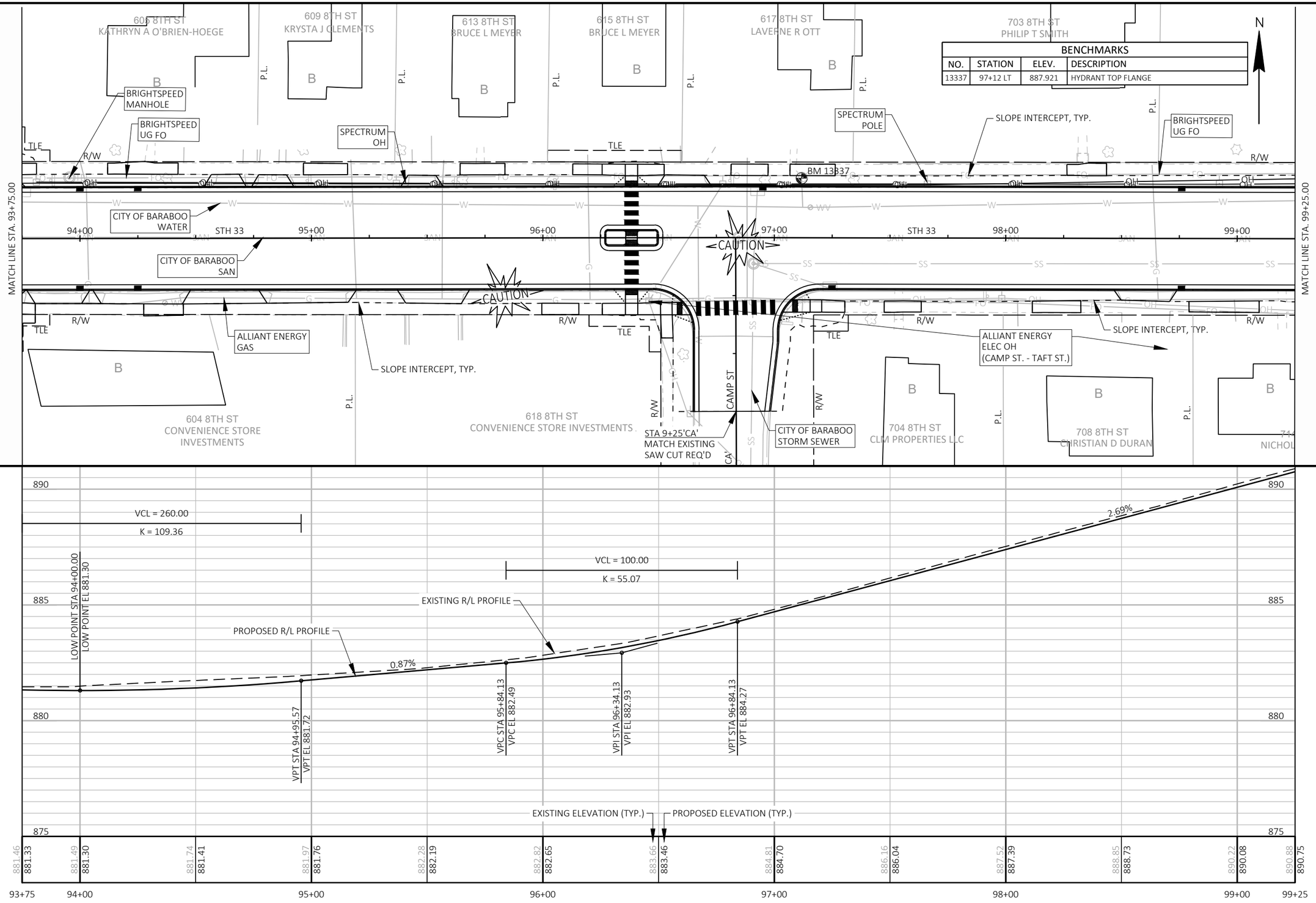
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
13337	97+12 LT	887.921	HYDRANT TOP FLANGE

MATCH LINE STA. 93+75.00

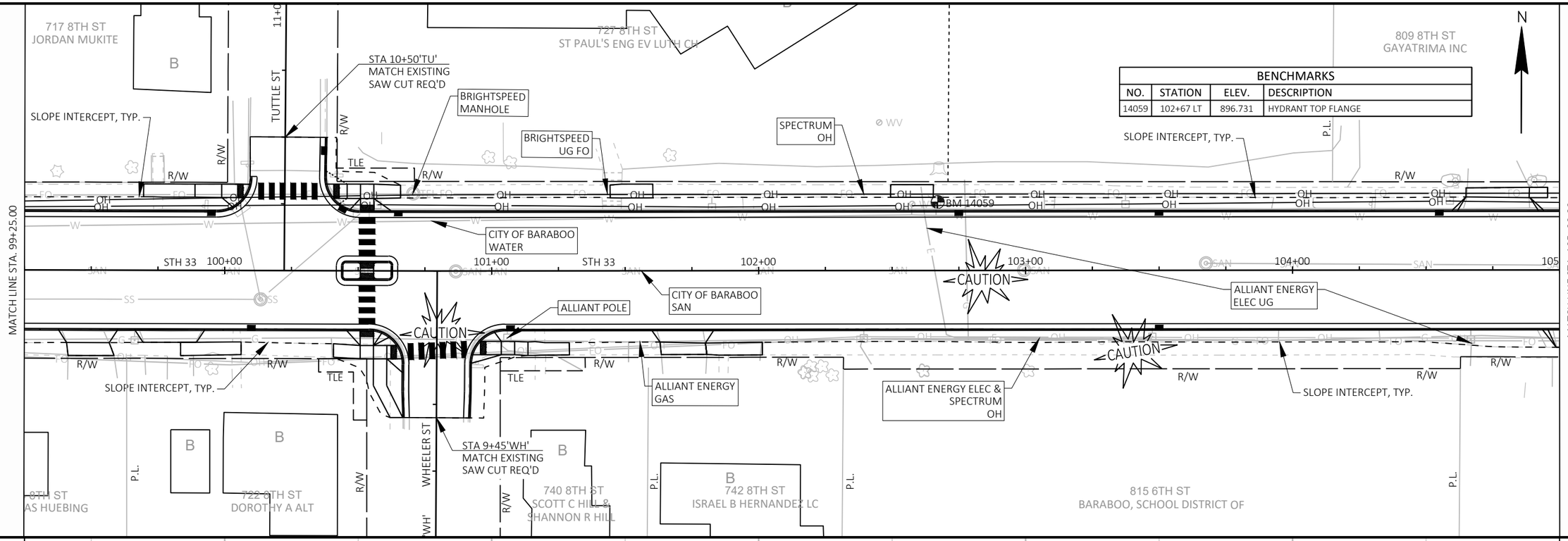
MATCH LINE STA. 99+25.00

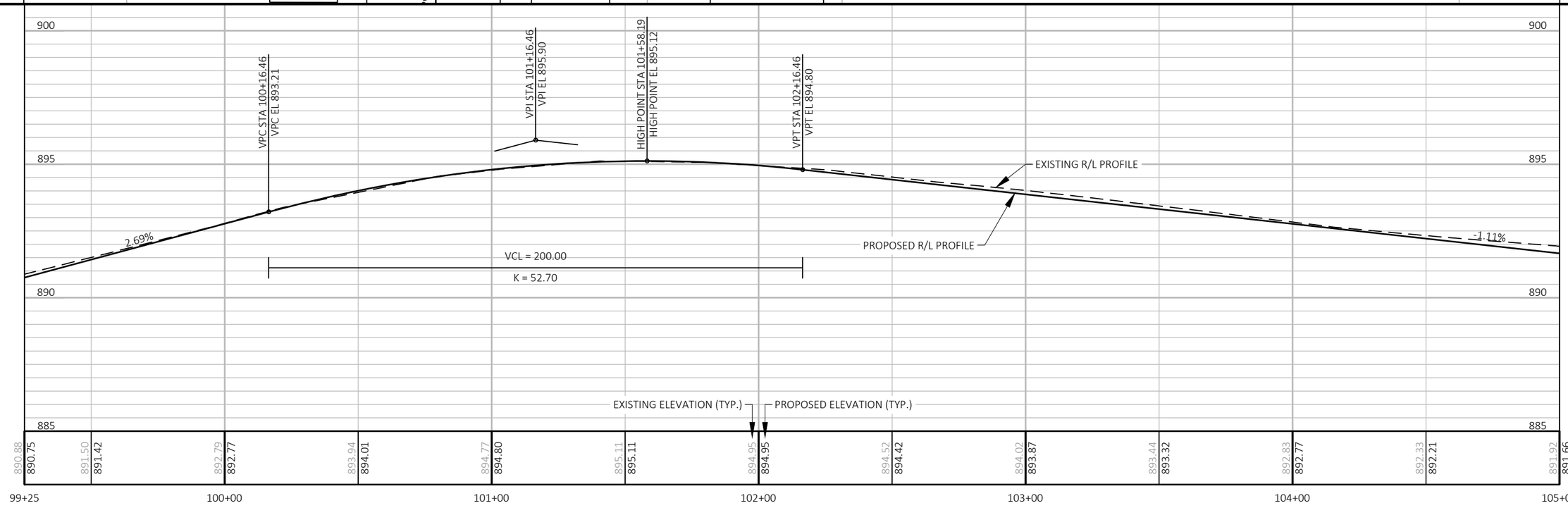
5

5



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 344	E





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 345	E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
14635	107+94 LT	891.787	HYDRANT TOP FLANGE

809 8TH ST
GAYATRIMA INC

825 8TH ST
JOSE PARRA VERA &
HEATHER PARRA WILSON

935 8TH ST
BP OPERATORS LLC

935 8TH ST
BP
OPERATORS
LLC

935 8TH ST
BP OPERATORS LLC

N

MATCH LINE STA. 105+00.00

MATCH LINE STA. 110+75.00

SPECTRUM OH

SLOPE INTERCEPT, TYP.

BM 14635

JEFFERSON ST

STA 10+73'J'
MATCH EXISTING
SAW CUT REQ'D

BRIGHTSPEED MANHOLE

SLOPE INTERCEPT, TYP.

CITY OF BARABOO SAN

CITY OF BARABOO WATER

CAUTION

STH 33

ALLIANT ENERGY ELEC OH

ALLIANT ENERGY GAS

SLOPE INTERCEPT, TYP.

MAILBOX MOVED BY OTHERS, TYP.

ALLIANT ENERGY ELEC OH & SPECTRUM

T 12 N
36
R 6 E

X = XXX,XXX.XX
Y = XXX,XXX.XX
(FROM GIS INFORMATION)

MAILBOX MOVED BY OTHERS, TYP.

ALLIANT ENERGY GAS

SLOPE INTERCEPT, TYP.

STA 9+32'J'
MATCH EXISTING
SAW CUT REQ'D

818 8TH ST
BP OPERATORS LLC

900 8TH ST
SCHOENOFF PROPERTIES LLC

904 8TH ST
LINK HOLDINGS LLC

908 8TH ST
COLLABORATIVE PROPERTI

P.L.

R/W

TLE

OH

SAN

SS

W

FO

5

5

VCL = 140.00
K = 65.81

VCL = 150.00
K = 59.92

LOW POINT STA 108+03.24
LOW POINT EL 888.71

VPC STA 107+30.47
VPC EL 889.11

VPI STA 108+00.47
VPT EL 888.34

VPC STA 109+33.78
VPC EL 889.70

VPI STA 108+70.47
VPT EL 889.05

HIGH POINT STA 109+94.99
HIGH POINT EL 890.01

VPI STA 110+08.78
VPI EL 890.47

-1.11%

1.02%

EXISTING R/L PROFILE

PROPOSED R/L PROFILE

EXISTING ELEVATION (TYP.)

PROPOSED ELEVATION (TYP.)

	105+00	106+00	107+00	108+00	109+00	110+00	110+75
EXISTING	891.92 / 891.66	891.34 / 891.11	890.78 / 890.55	890.20 / 890.00	889.67 / 889.45	889.22 / 888.92	889.05 / 888.71
PROPOSED	889.25 / 888.88	889.69 / 889.35	890.13 / 889.84	890.22 / 890.01	890.12 / 889.76	889.90 / 889.48	

895 890 885 883

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 346	E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
14737	112+71 LT	887.613	HYDRANT TOP FLANGE

935 8TH ST
BP OPERATORS LLC

1011 8TH ST
QANI ALIMI

1013 8TH ST
SHREEJIBAPA INC

1015 8TH ST
SHREE HARI INC

1025 8TH ST
STARK ENTERPRISES LLC

N

MATCH LINE STA. 110+75.00

MATCH LINE STA. 116+25.00

SLOPE INTERCEPT, TYP.

BRIGHTSPEED & SPECTRUM OH

BRIGHTSPEED MANHOLE

MAILBOX MOVED BY OTHERS, TYP.

R/W

TLE

BM 14737

CITY OF BARABOO SAN

CITY OF BARABOO WATER

111+00 112+00 113+00 STH 33 114+00 115+00 116+00

CAUTION

CAUTION

ALLIANT POLE

SLOPE INTERCEPT, TYP.

ALLIANT ENERGY ELEC & SPECTRUM OH

ALLIANT ENERGY GAS

MAILBOX MOVED BY OTHERS, TYP.

914 8TH ST
DONALD K GABELT

920 8TH ST
KRISTINE M REALI

926 8TH ST
DALE RABINE

1000 8TH ST
JAMES R ASTLE

1020 8TH ST
D MITCHELL LLC

1030 8TH ST
BARABOO CHIROPRACTIC OFFICES S C

ES LLC

5

5

VPT STA 110+83.78
VPT EL 889.35

VPC STA 111+46.21
VPC EL 888.43

VPI STA 111+71.21
VPI EL 888.06

VPT STA 111+96.21
VPT EL 887.37

-1.48%

-2.76%

PROPOSED R/L PROFILE

EXISTING R/L PROFILE

VCL = 150.00
K = 59.92

VCL = 50.00
K = 39.23

IDENTICAL POINTS

EXISTING R/L PROFILE

PROPOSED R/L PROFILE

VCL = 115.00
K = 37.64

VPC STA 115+70.80
VPC EL 877.05

EXISTING ELEVATION (TYP.)

PROPOSED ELEVATION (TYP.)

895 890 885 880 875 870

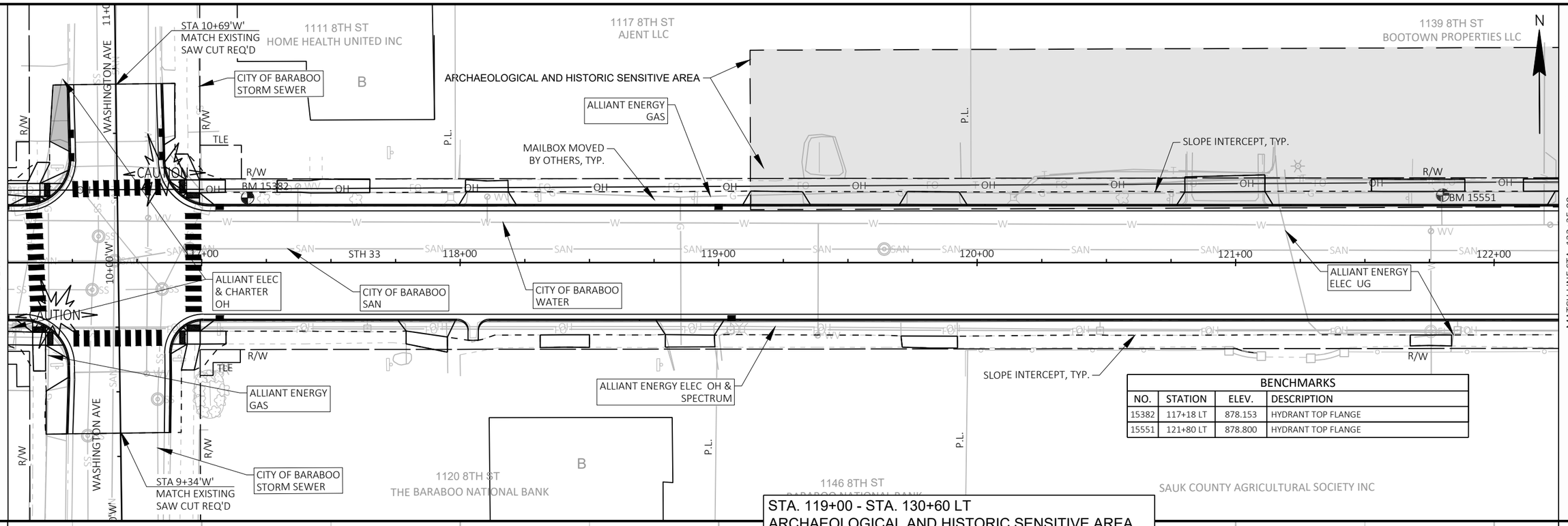
889.90 889.48 889.52 889.11 888.51 888.37 887.34 887.27 885.94 885.89 884.61 884.51 883.26 883.13 881.96 881.75 880.63 880.37 879.25 879.00 877.93 877.62 876.83 876.35 876.54 875.94

110+75 111+00 112+00 113+00 114+00 115+00 116+00 116+25

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 347	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 20

PLOT DATE : 4/29/2023 2:28 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

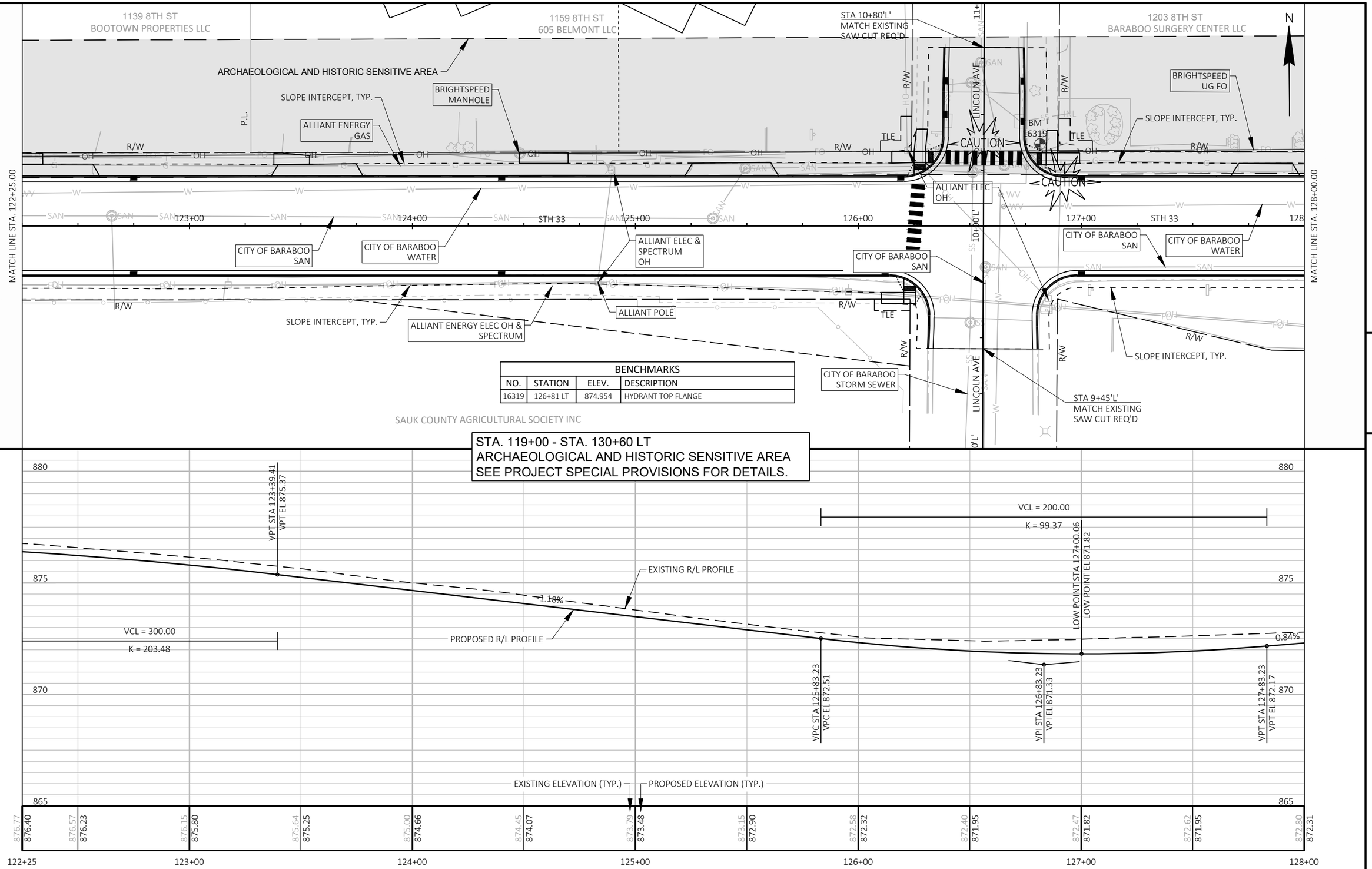


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 348	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 21

PLOT DATE : 4/29/2023 2:29 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 349	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 22
PLOT DATE : 4/29/2023 2:30 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

1209 8TH ST
BARABOO SURGERY CENTER LLC

1211 8TH ST
SAUK COUNTY HOUSING AUTHORITY

1215 8TH ST
WYSS RESTAURANT PROPERTIES LLC

1215 8TH ST
WYSS RESTAURANT PROPERTIES LLC

1219 8TH ST
PETER W PREMO REVOCABLE TRUST

ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA

MAILBOX MOVED BY OTHERS, TYP.

MAILBOX MOVED BY OTHERS, TYP.

ALLIANT ENERGY GAS

BRIGHTSPEED MANHOLE

STA 10+90'T'
MATCH EXISTING
SAW CUT REQ'D

SLOPE INTERCEPT, TYP.

SLOPE INTERCEPT, TYP.

TAFT AVE

CAUTION

CAUTION

CAUTION

CITY OF BARABOO STORM SEWER

CITY OF BARABOO WATER

MATCH LINE STA. 128+00.00

MATCH LINE STA. 134+00.00

128+00 129+00 130+00 131+00 STH 33 132+00 133+00 134

ALLIANT ELEC & SPECTRUM OH

CITY OF BARABOO SAN

CITY OF BARABOO WATER

SPECTRUM OH

ALLIANT ELEC UG

SLOPE INTERCEPT, TYP.

SLOPE INTERCEPT, TYP.

R/W

R/W

R/W

ALLIANT ENERGY ELEC & SPECTRUM OH

CITY OF BARABOO SAN

1212 8TH ST
EASTSIDE CENTRE LLC

1220 8TH ST
SID COOK LLC

1228 8TH ST
L & B SCHWARTZ PROP
LTD PRTSHP

1320 8TH ST
L & B SCHWARTZ PROP
LTD PRTSHP

T 12 N R 6 E
36 31
T 12 N R 7 E

X = 657,053.63
Y = 238,879.58
(PUBLISHED ON LAND SURVEY MONUMENT RECORD)

STA. 119+00 - STA. 130+60 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.

VPC STA 128+02.37
VPC EL 872.33

HIGH POINT STA 128+78.78
HIGH POINT EL 872.65

VPI STA 129+17.37
VPI EL 873.29

VPT STA 130+32.37
VPT EL 871.36

VCL = 120.00
K = 87.30

VCL = 230.00
K = 91.29

0.84%

-1.68%

-0.31%

EXISTING R/L PROFILE

PROPOSED R/L PROFILE

VPC STA 130+60.55
VPC EL 870.88

VPI STA 131+20.55
VPI EL 869.87

VPT STA 131+80.55
VPT EL 869.69

EXISTING ELEVATION (TYP.)

PROPOSED ELEVATION (TYP.)

880 875 870 865

872.80	872.90	872.80	872.53	871.98	871.22	870.53	870.04	869.69	869.45	869.31	869.13	869.00
872.31	872.60	872.62	872.37	871.84	871.06	870.31	869.84	869.63	869.47	869.32	869.17	869.01

128+00 129+00 130+00 131+00 132+00 133+00 134+00

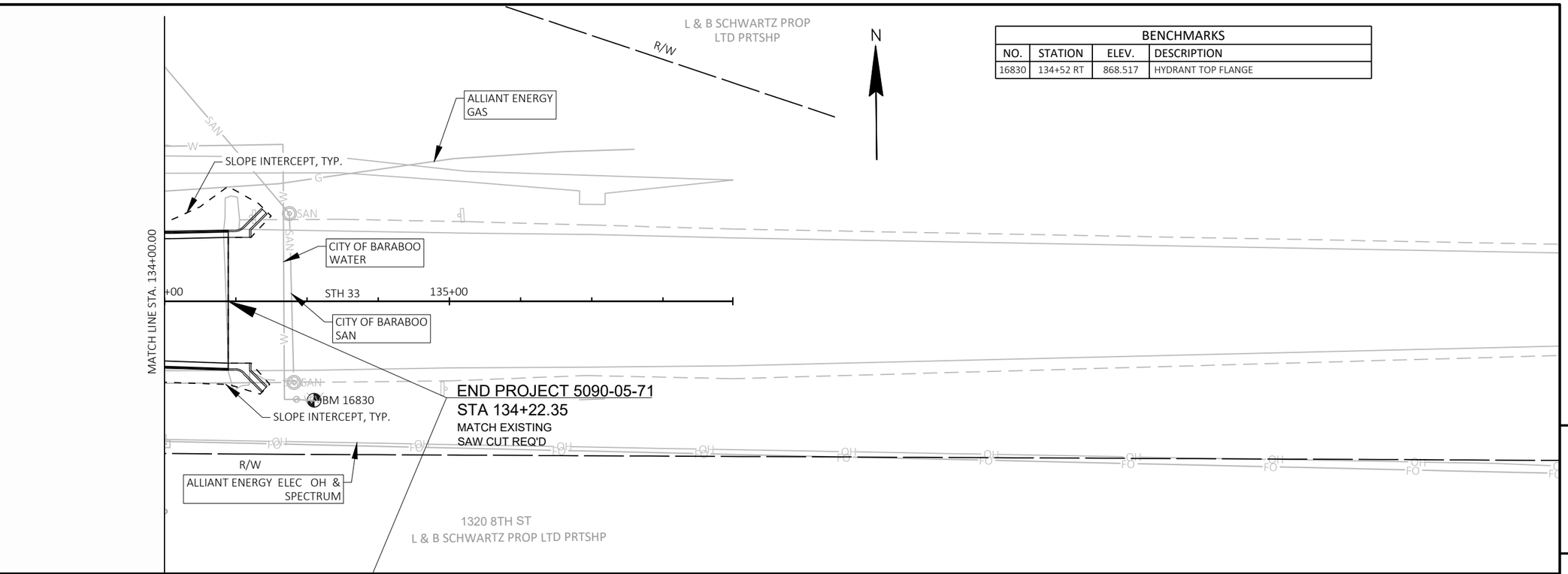
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 350	E

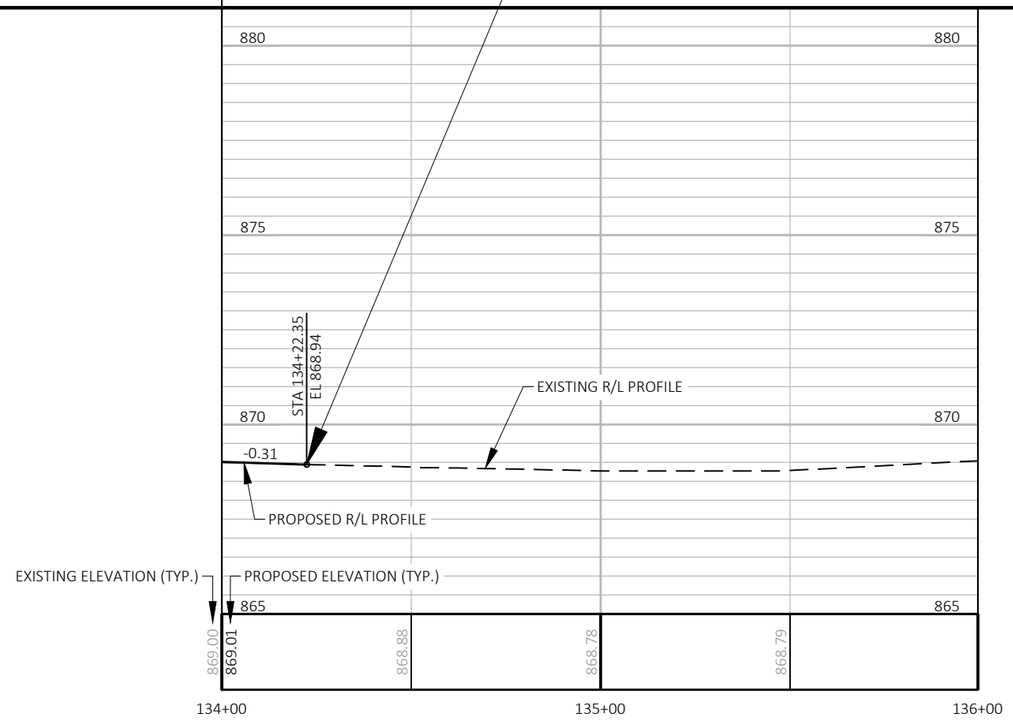
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050101-PP TO 050124-PP.DWG
LAYOUT NAME - 23

PLOT DATE : 4/29/2023 2:32 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

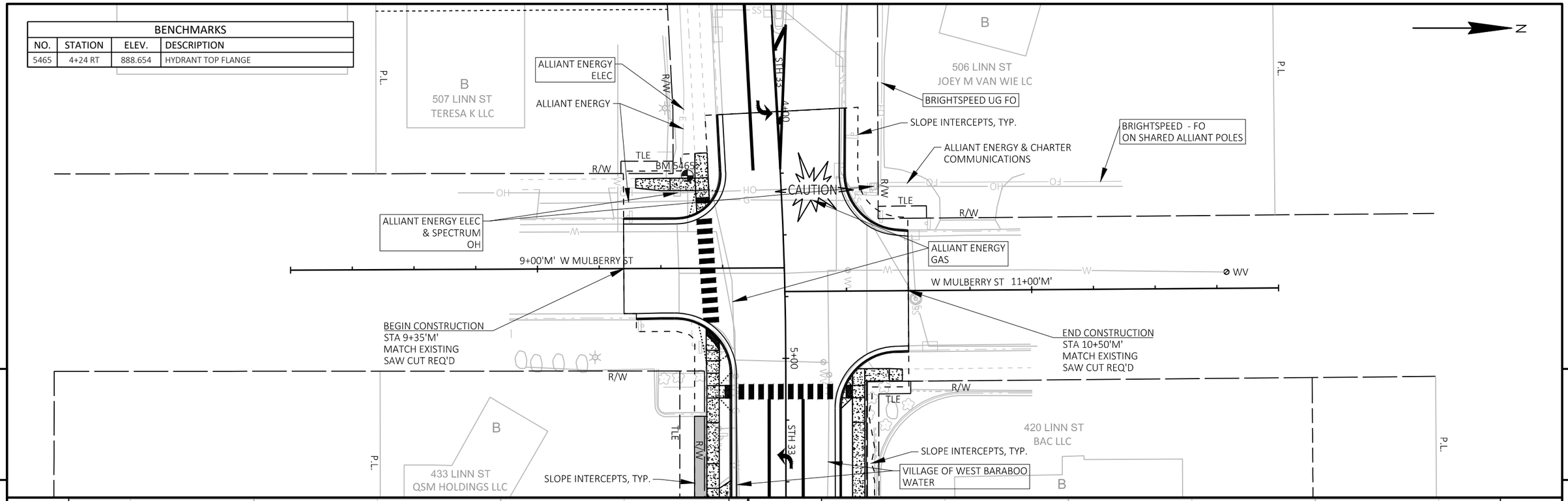
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
16830	134+52 RT	868.517	HYDRANT TOP FLANGE





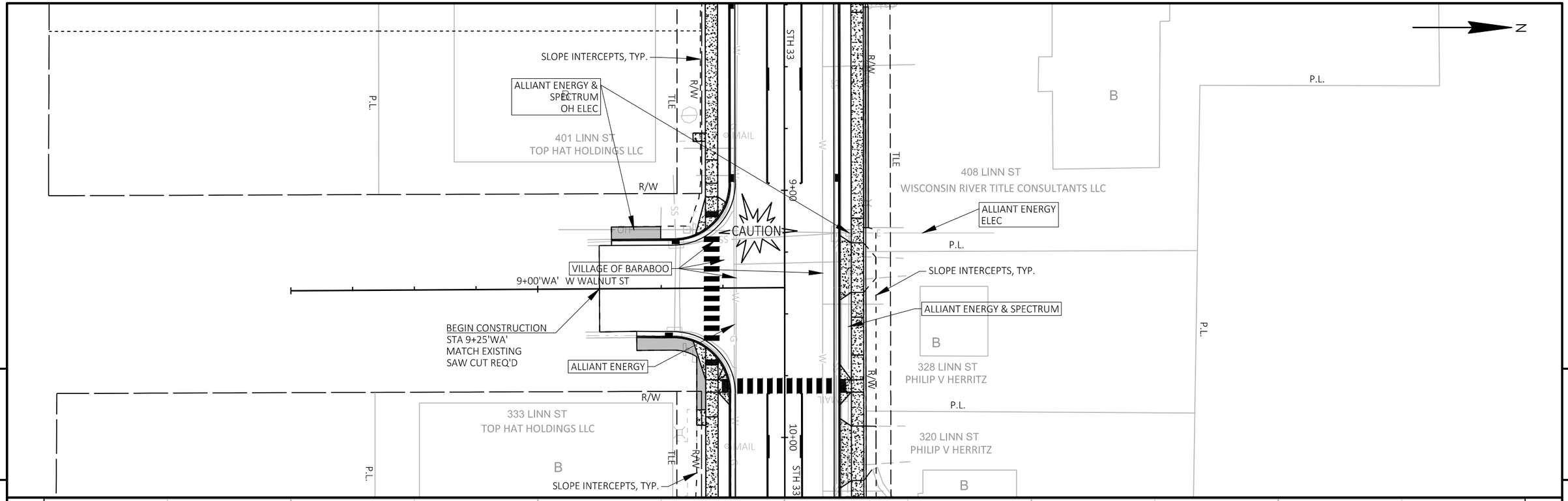
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: STH 33	SHEET 351	E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
5465	4+24 RT	888.654	HYDRANT TOP FLANGE

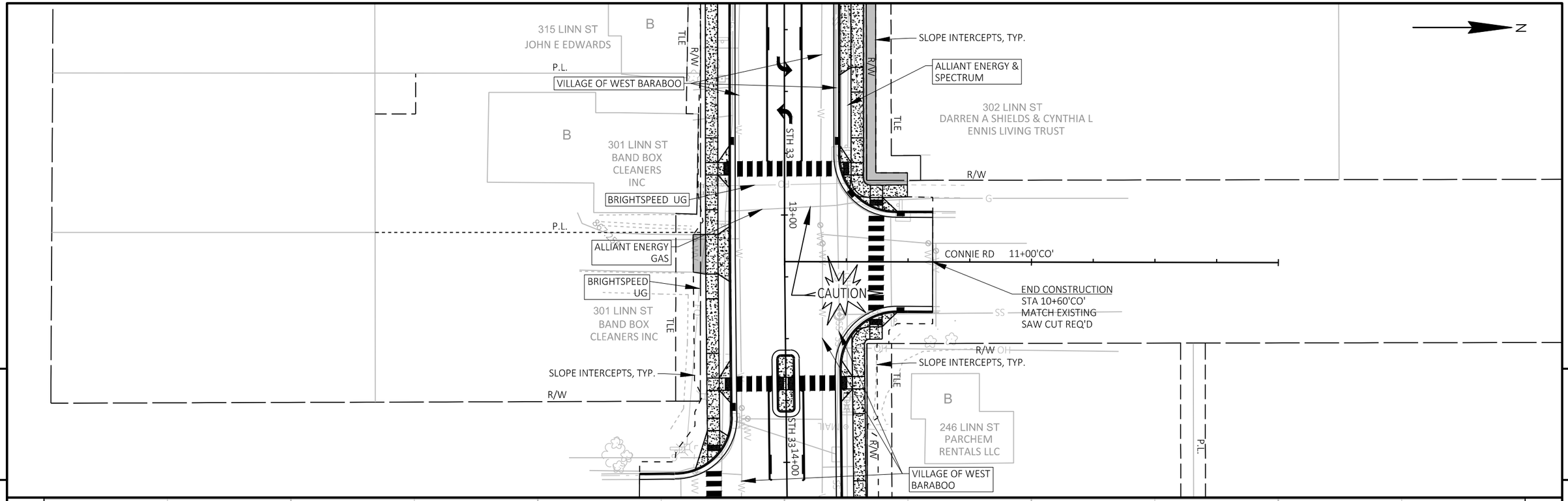


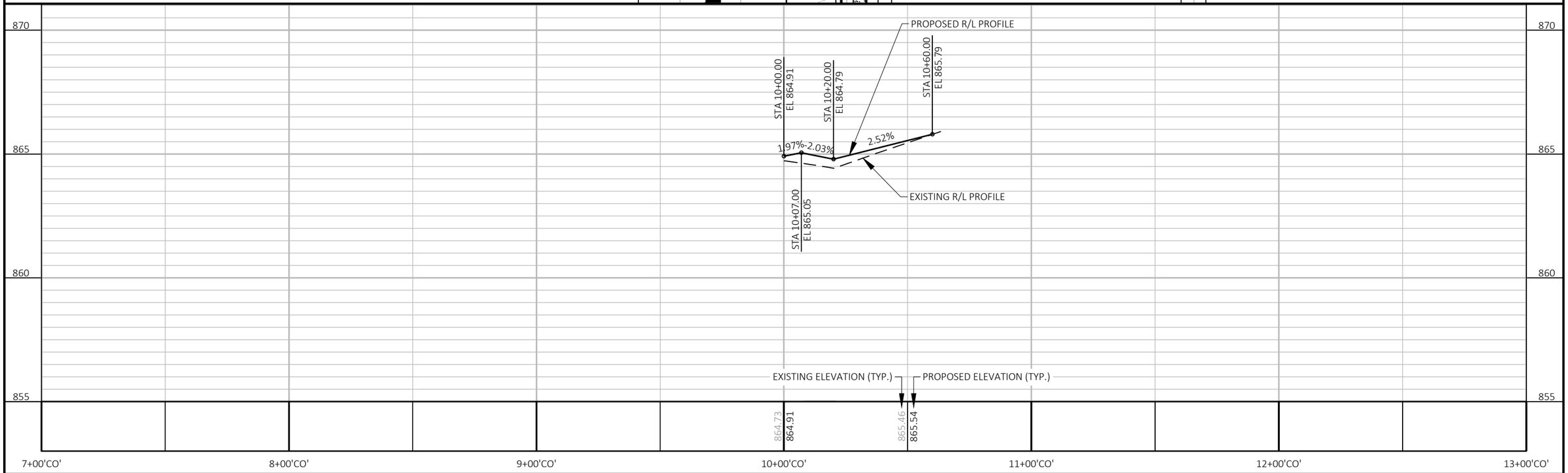
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: W MULBERRY STREET	SHEET 352	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050125-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 2:44 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



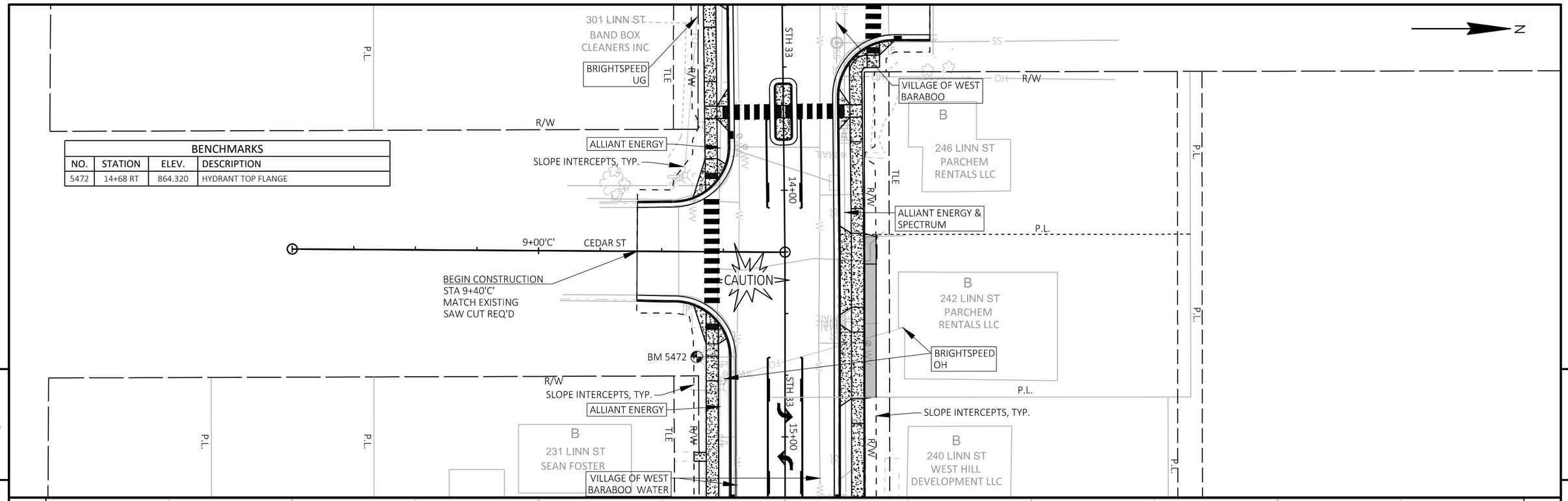
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: WALNUT STREET	SHEET 353	E

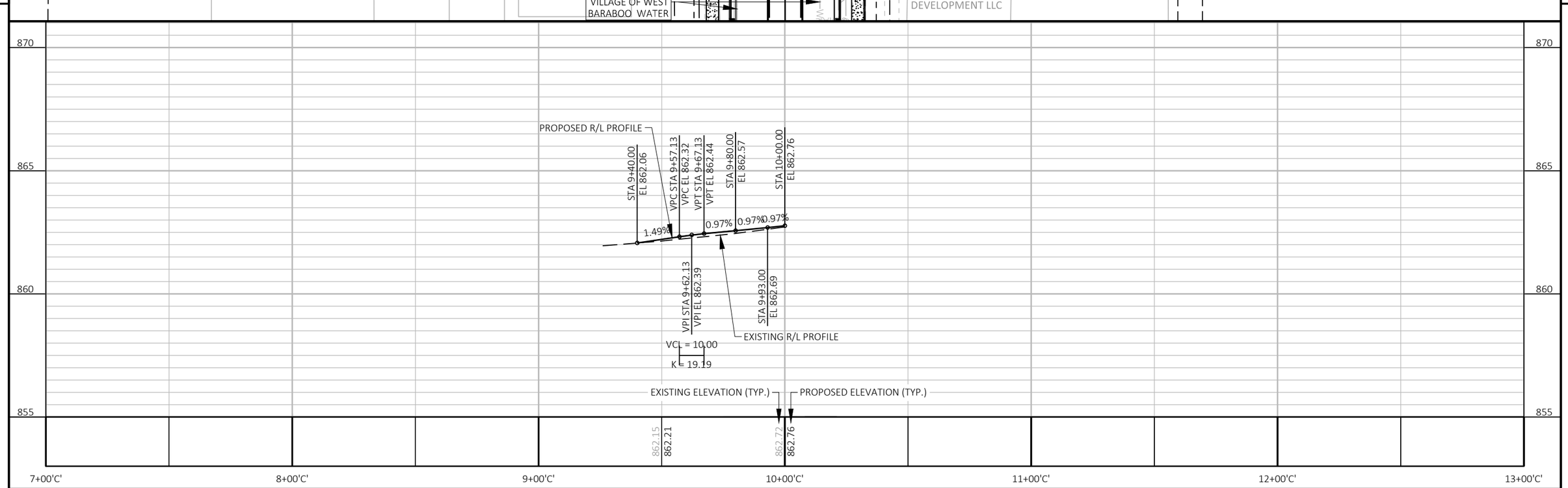




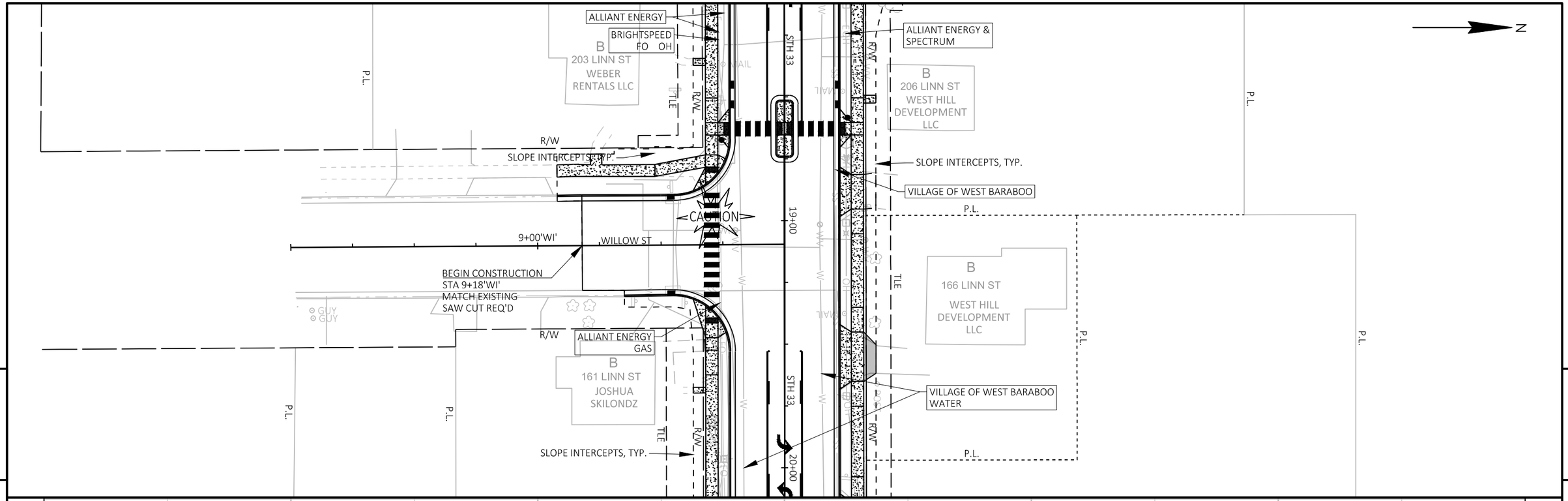
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: CONNIE ROAD	SHEET 354	E

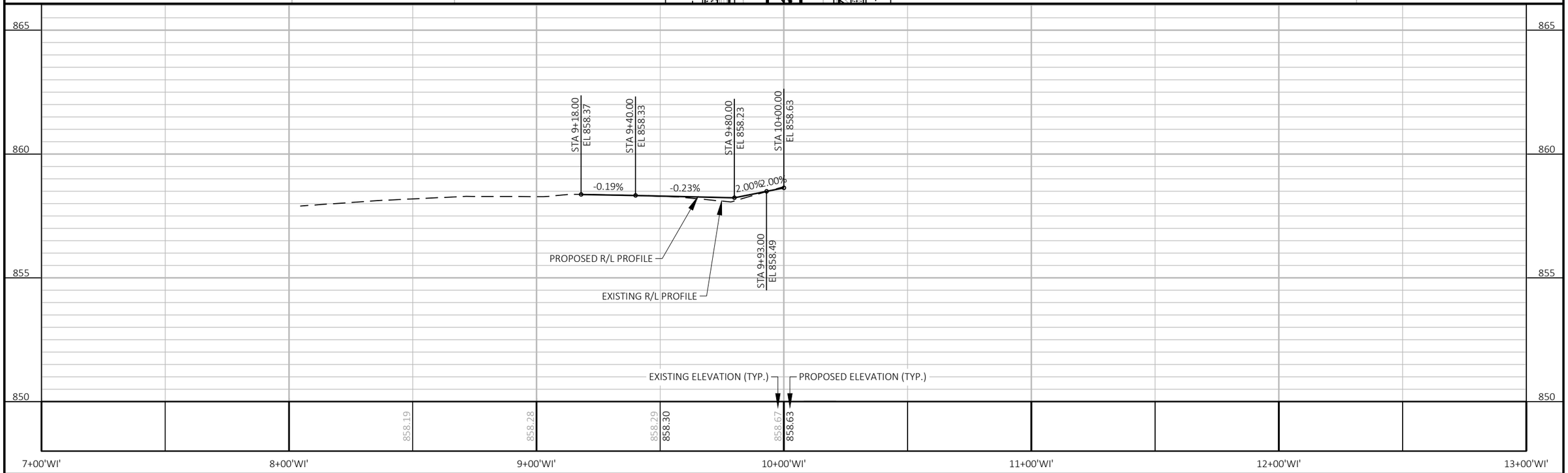
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
5472	14+68 RT	864.320	HYDRANT TOP FLANGE





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: CEDAR STREET	SHEET 355	E

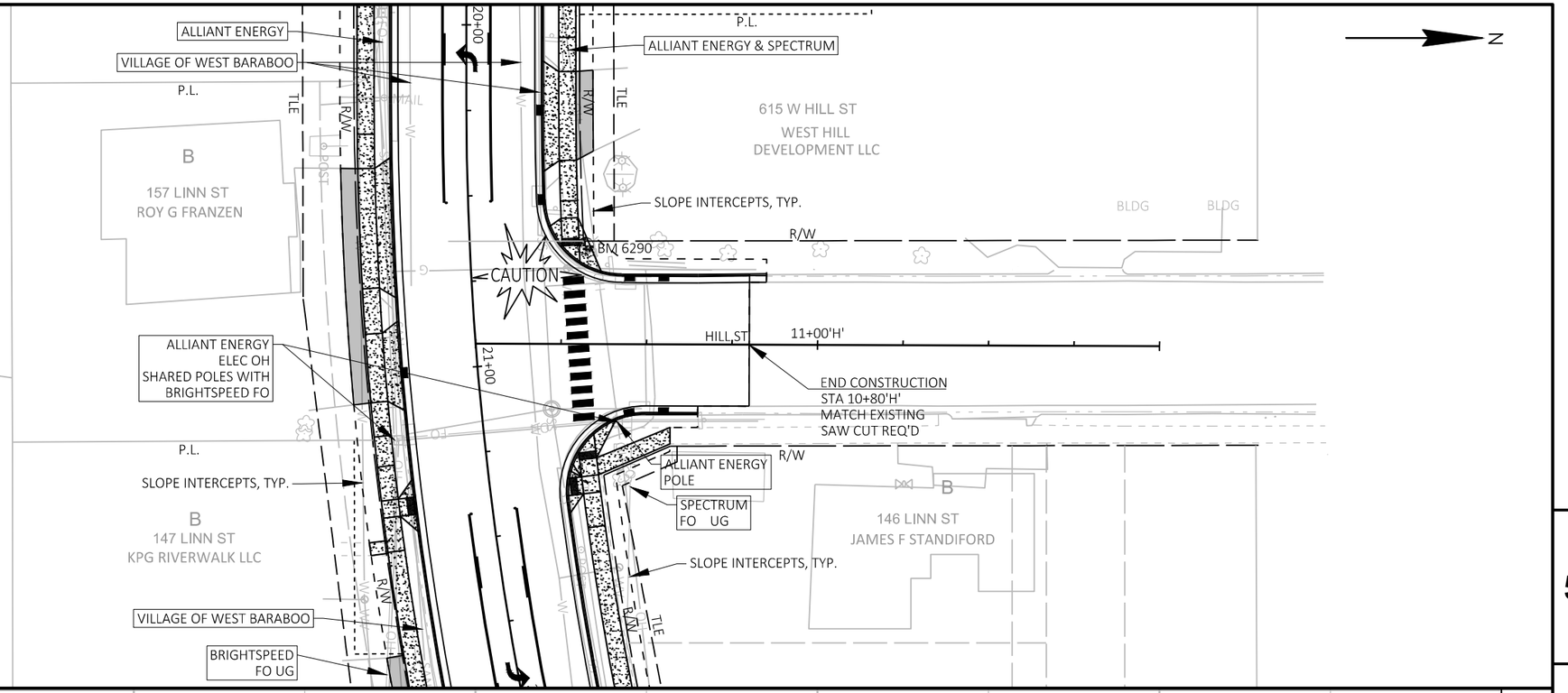


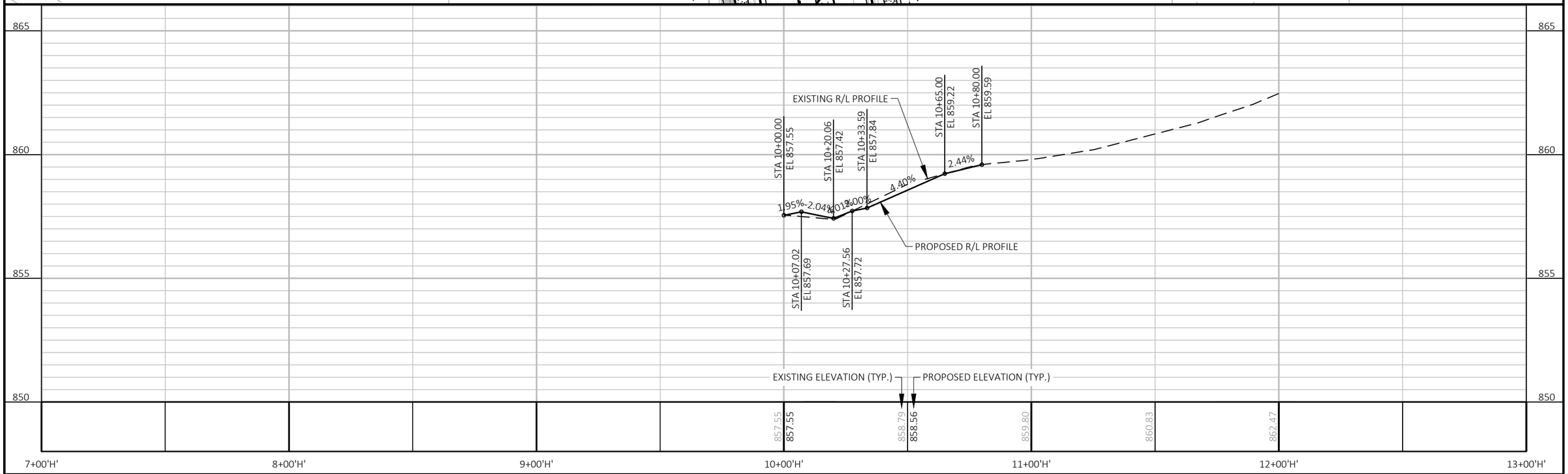


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: WILLOW STREET	SHEET 356	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050129-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 3:07 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
6290	20+66 LT	859.932	HYDRANT TOP FLANGE





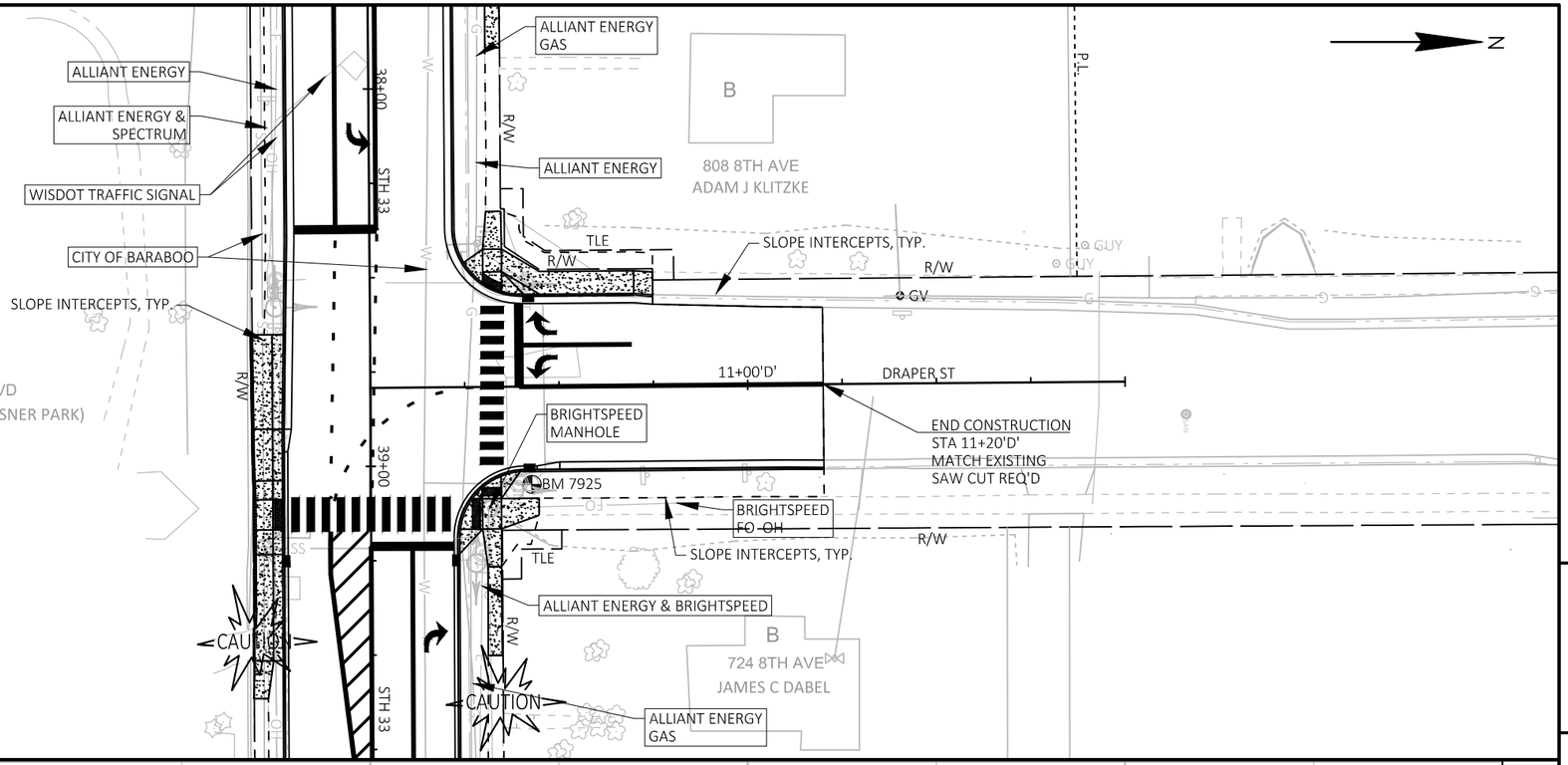
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: HILL STREET	SHEET 357	E

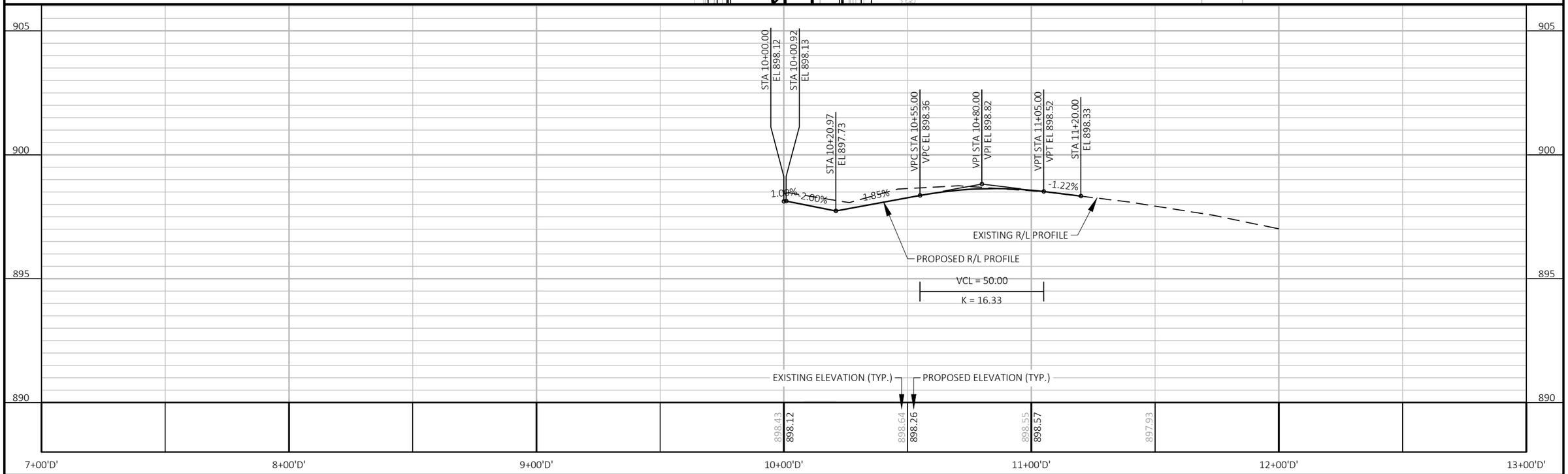
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050130-PP.DWG
LAYOUT NAME - 01

PLOT DATE : 4/29/2023 3:12 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
7925	39+05 LT	902.153	HYDRANT TOP FLANGE

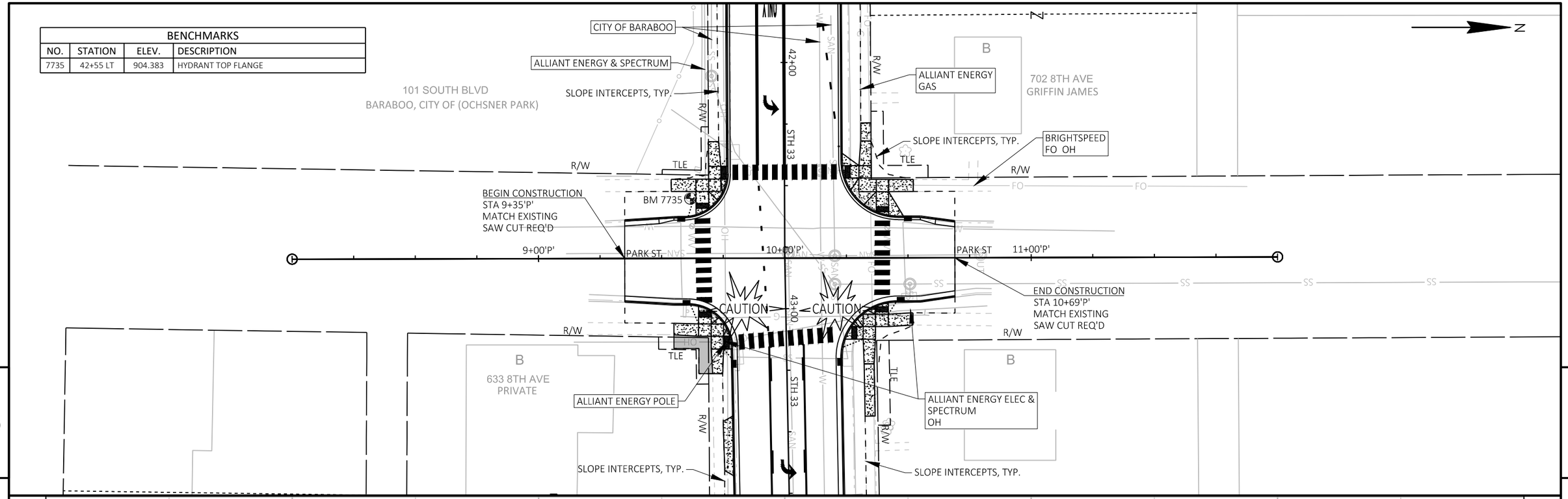


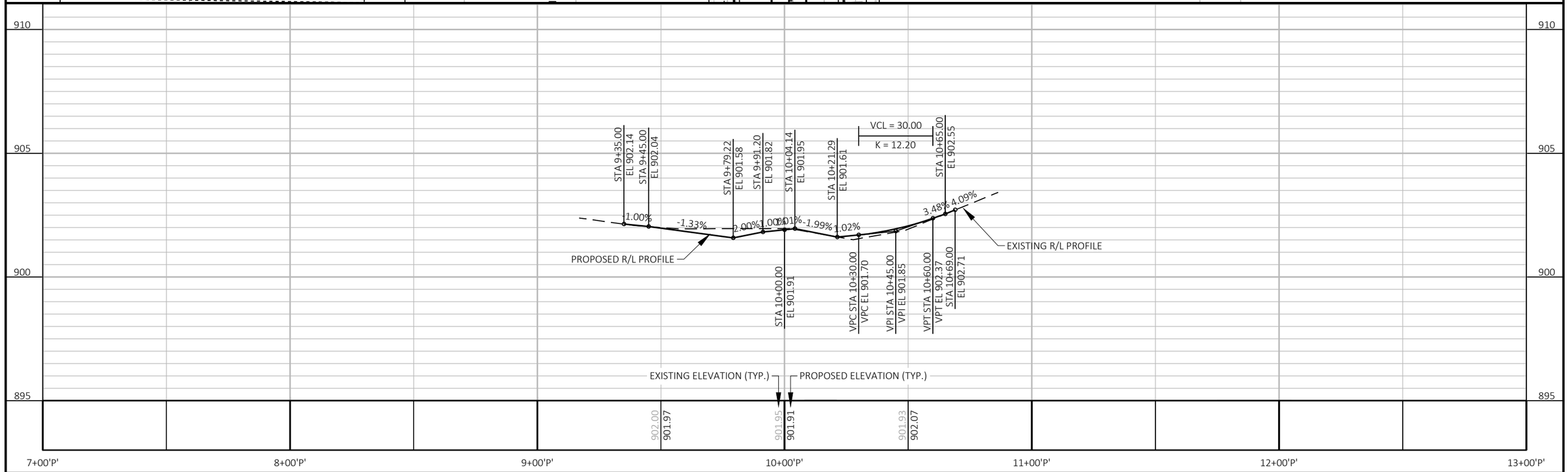


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: DRAPER STREET	SHEET 358	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050131-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 3:22 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
7735	42+55 LT	904.383	HYDRANT TOP FLANGE

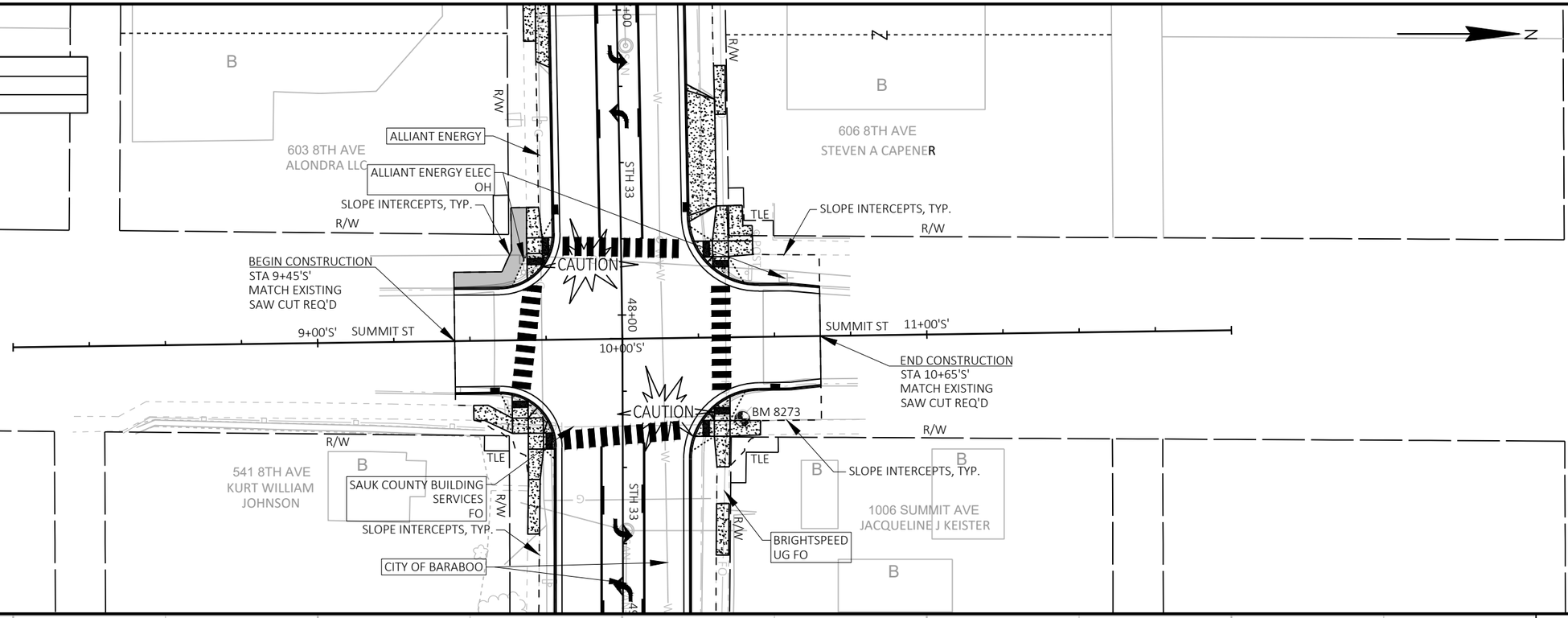


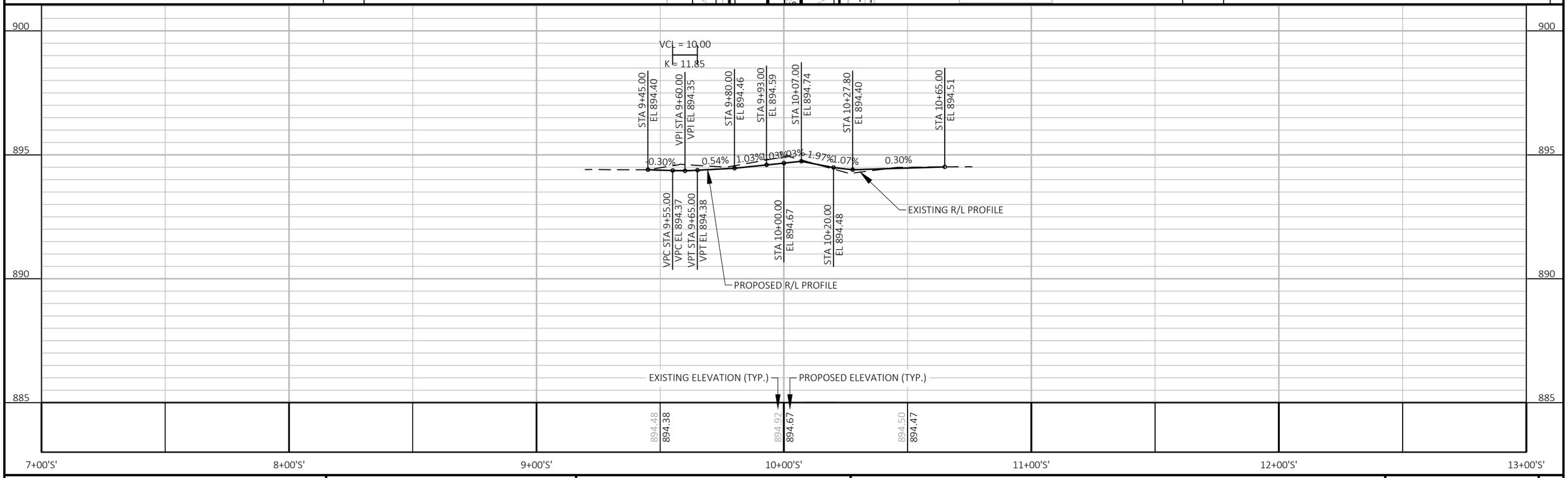


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: PARK STREET	SHEET 359	E

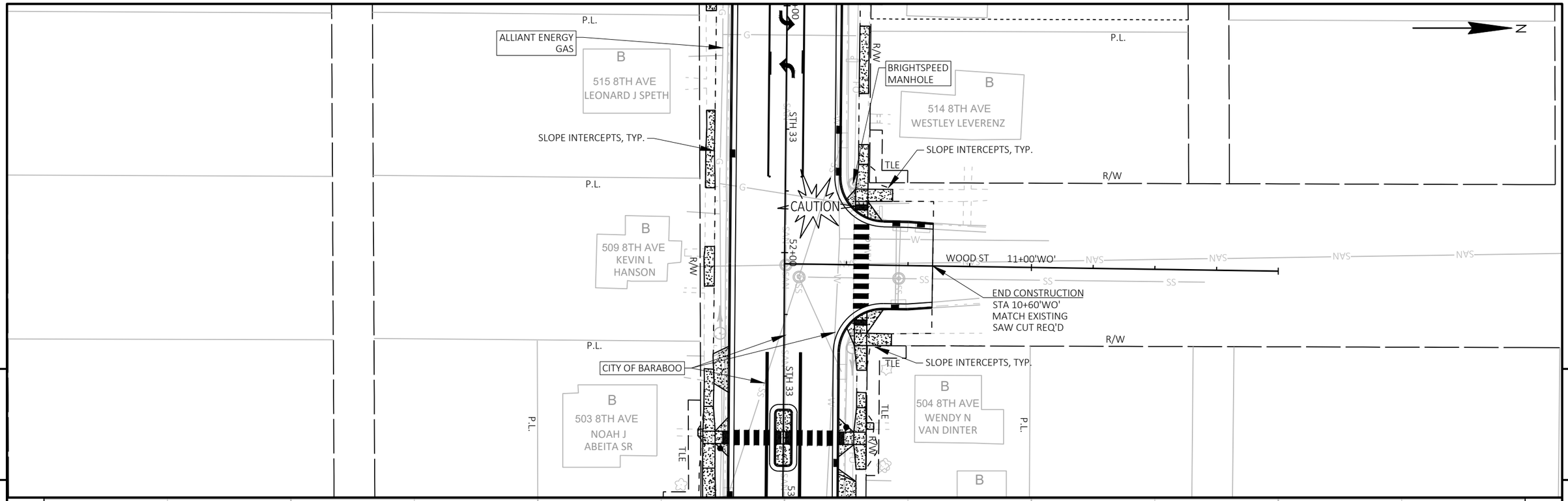
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050132-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 3:28 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

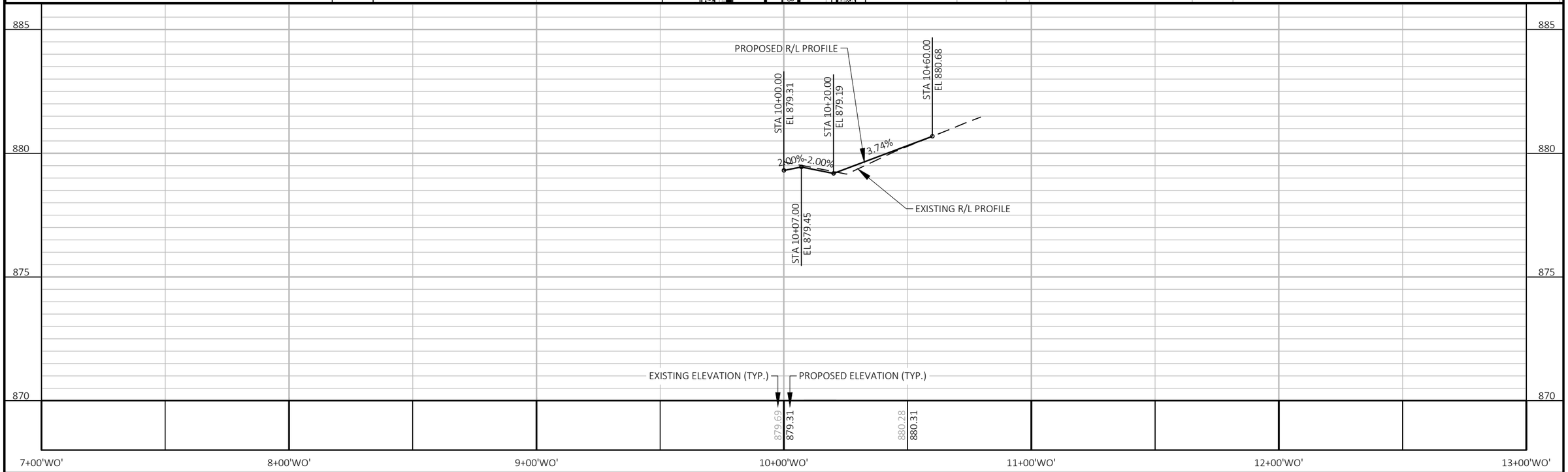
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
8273	48+34 LT	895.623	HYDRANT TOP FLANGE





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: SUMMIT STREET	SHEET 360	E

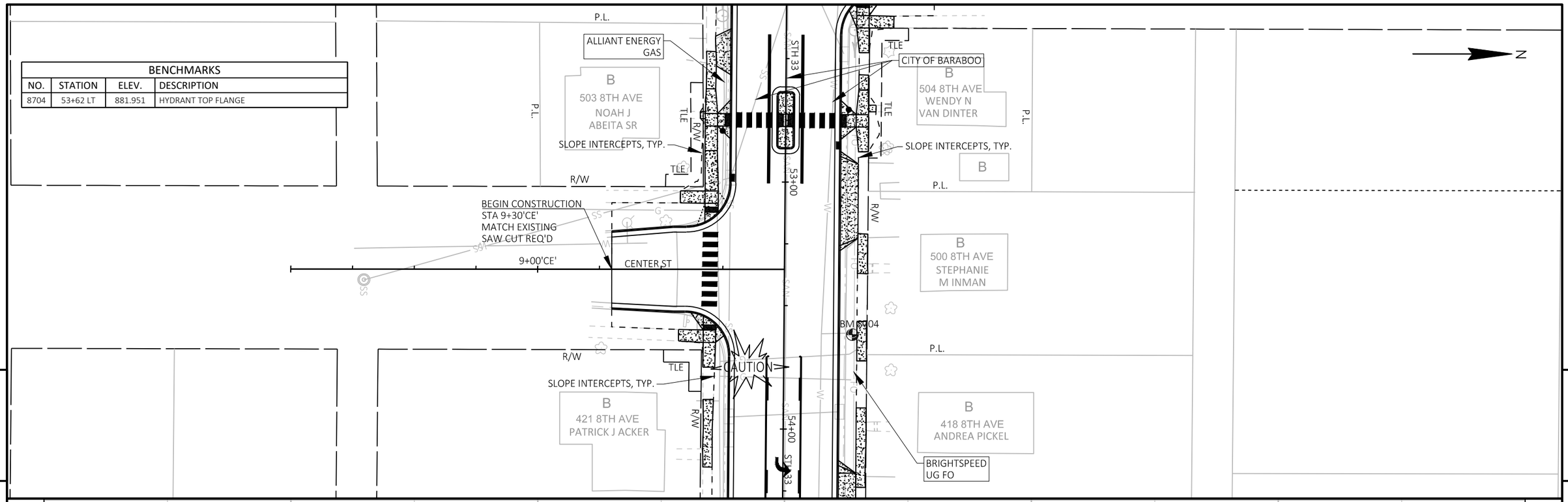


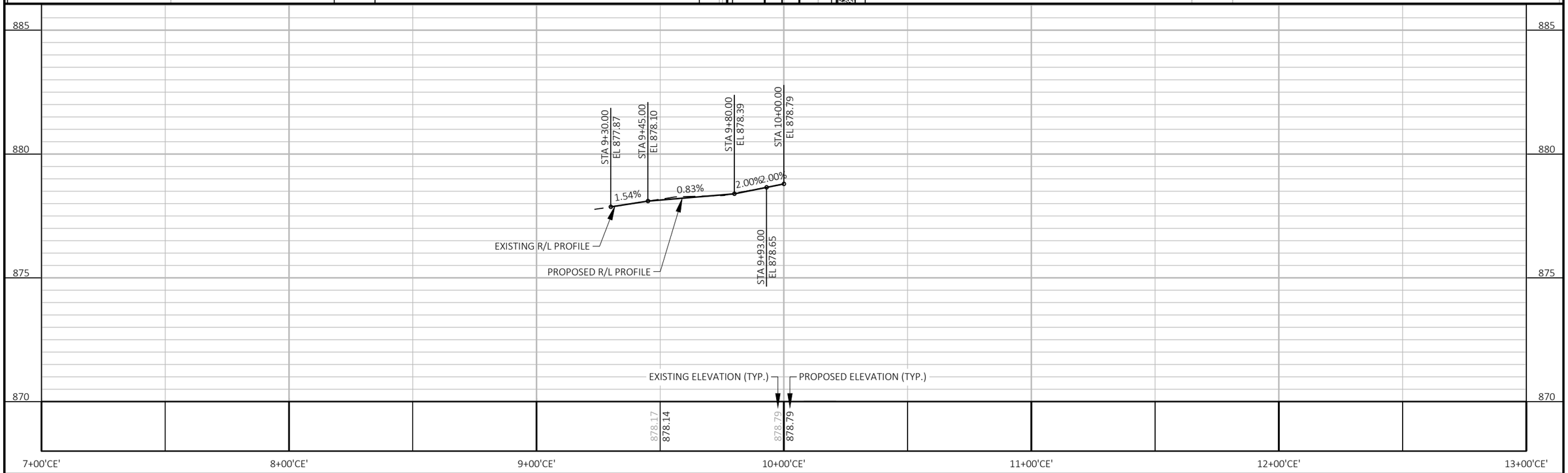


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: WOOD STREET	SHEET 361	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050134-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/28/2023 9:41 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
8704	53+62 LT	881.951	HYDRANT TOP FLANGE





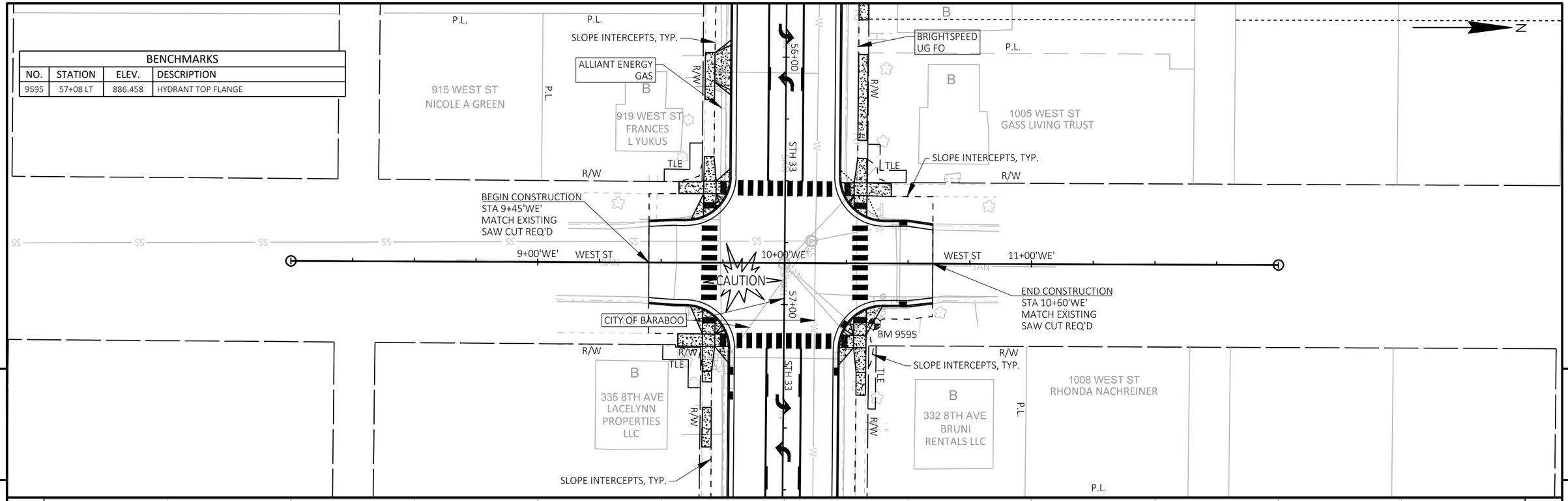
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: CENTER STREET	SHEET 362	E

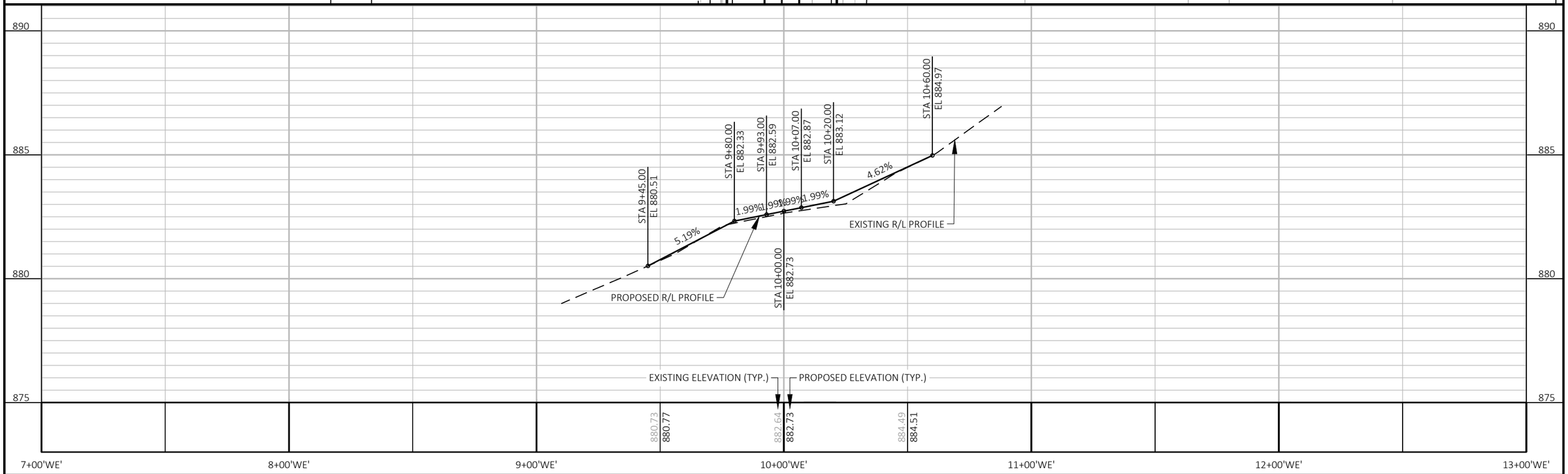
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050135-PP.DWG
LAYOUT NAME - 01

PLOT DATE : 4/29/2023 3:35 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
9595	57+08 LT	886.458	HYDRANT TOP FLANGE





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: WEST STREET	SHEET 363	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050136-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 3:42 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
10010	61+70 RT	904.814	HYDRANT TOP FLANGE

B
305 8TH AVE
RHONDA L JONES

ALLIANT ENERGY GAS

ALLIANT ENERGY LIGHT POLE

SLOPE INTERCEPTS, TYP.

BEGIN CONSTRUCTION
STA 9+30'BI'
MATCH EXISTING
SAW CUT REQ'D

BRIGHTSPEED UG FO

1005 BIRCH ST
BIG BADGER PROPERTIES LLC

SLOPE INTERCEPTS, TYP.

CAUTION

9+00'BI' BIRCH ST 10+00'BI' BIRCH ST 11+00'BI'

END CONSTRUCTION
STA 10+60'BI'
MATCH EXISTING
SAW CUT REQ'D

BM 10010

BRIGHTSPEED UG FO

BRIGHTSPEED MANHOLE

CITY OF BARABOO

B
233 8TH AVE
ERIK A HINTZE

B
234 8TH AVE
RANDALL M HOLTZ

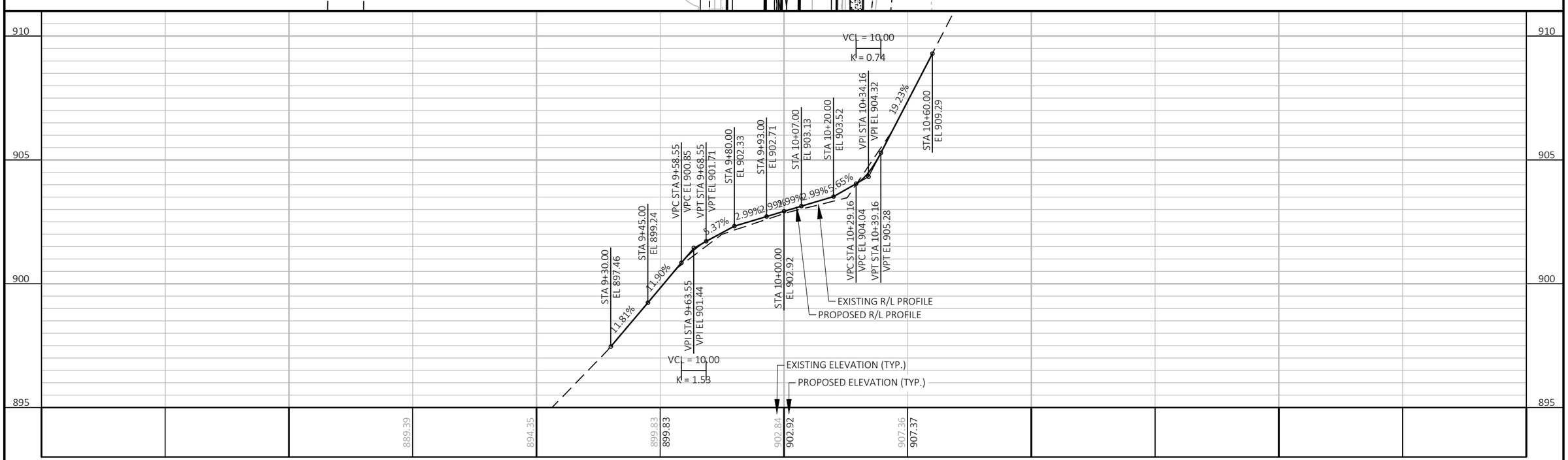
SLOPE INTERCEPTS, TYP.

SLOPE INTERCEPTS, TYP.

STH 33 61+00

STH 33 62+00

R/W



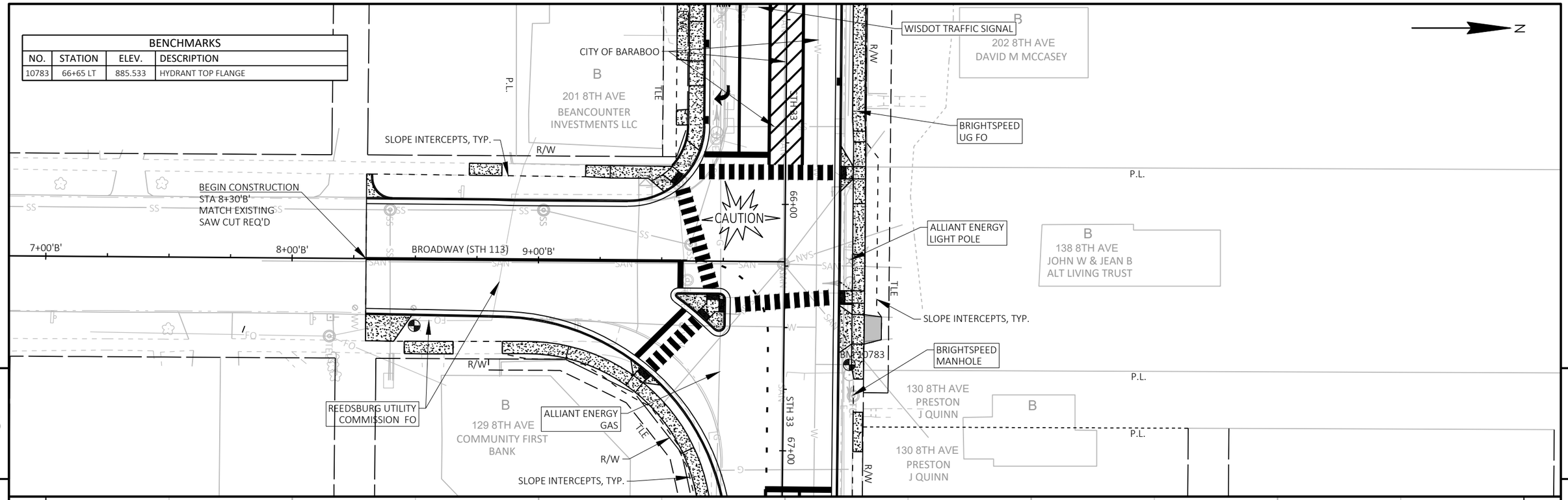
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: BIRCH STREET	SHEET 364	E

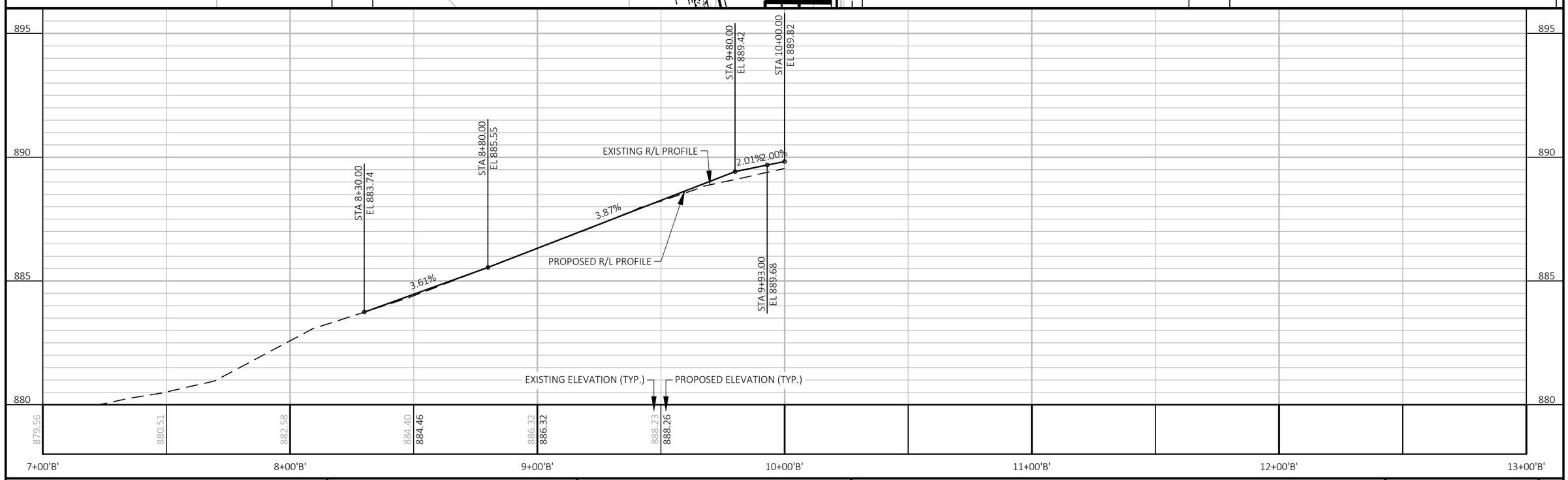
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050137-PP.DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 9:38 AM PLOT BY : HAYDEN GROOT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
10783	66+65 LT	885.533	HYDRANT TOP FLANGE

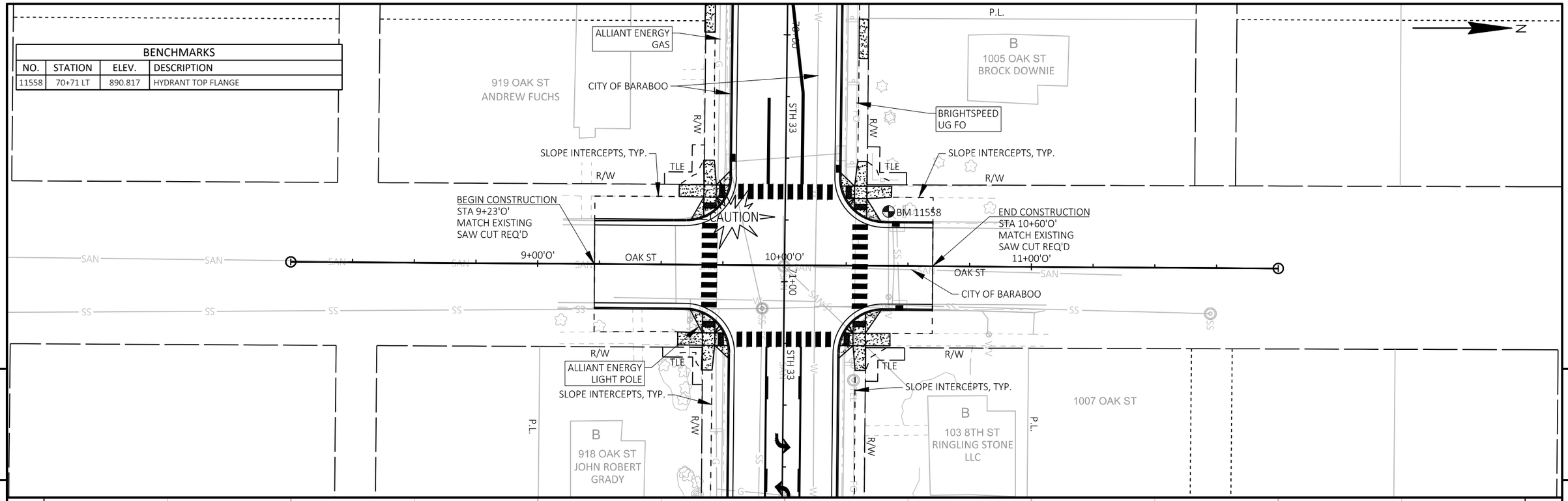


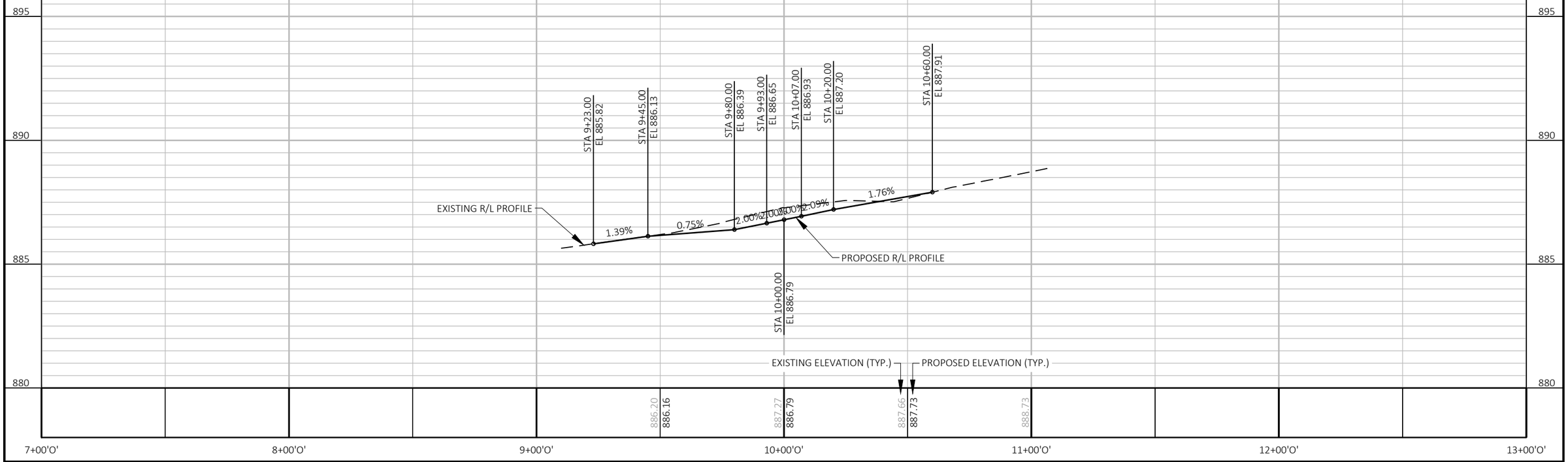


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: BROADWAY (STH 113)	SHEET 365	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050138-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/28/2023 9:36 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
11558	70+71 LT	890.817	HYDRANT TOP FLANGE

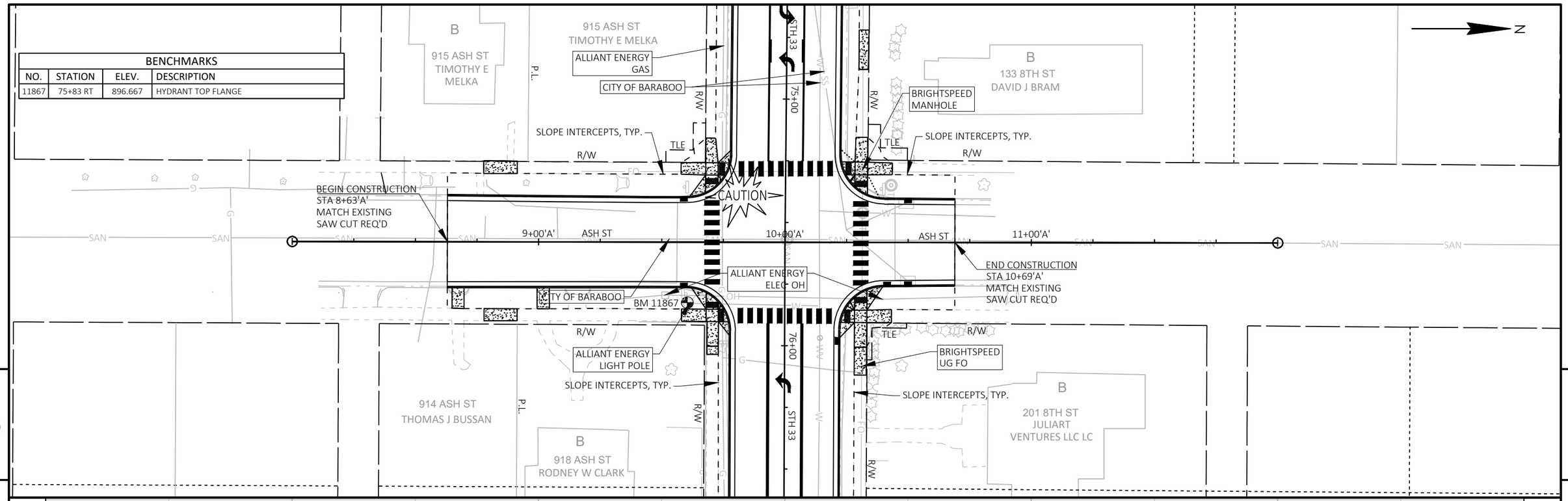


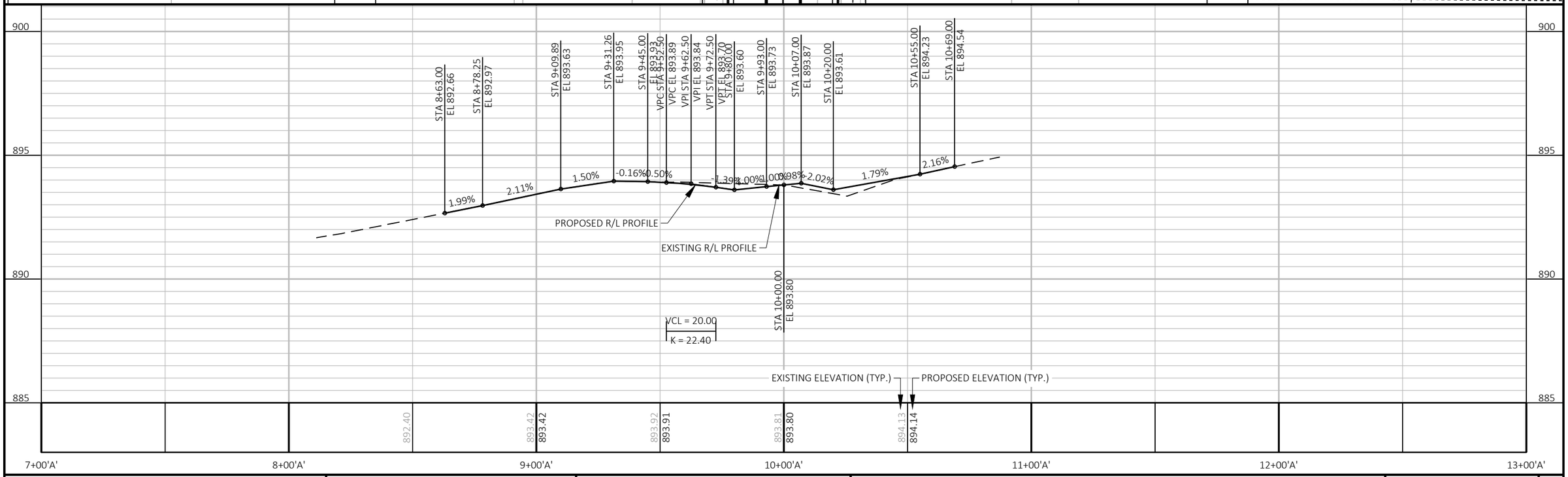


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: OAK STREET	SHEET 366	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050139-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 3:50 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
11867	75+83 RT	896.667	HYDRANT TOP FLANGE

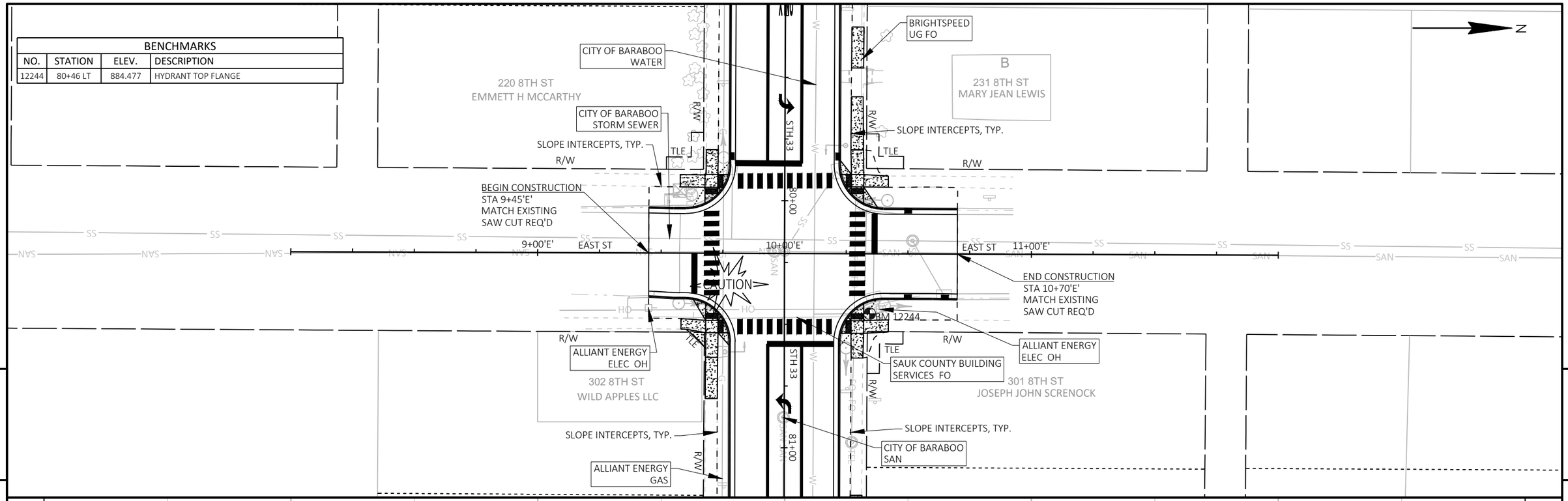


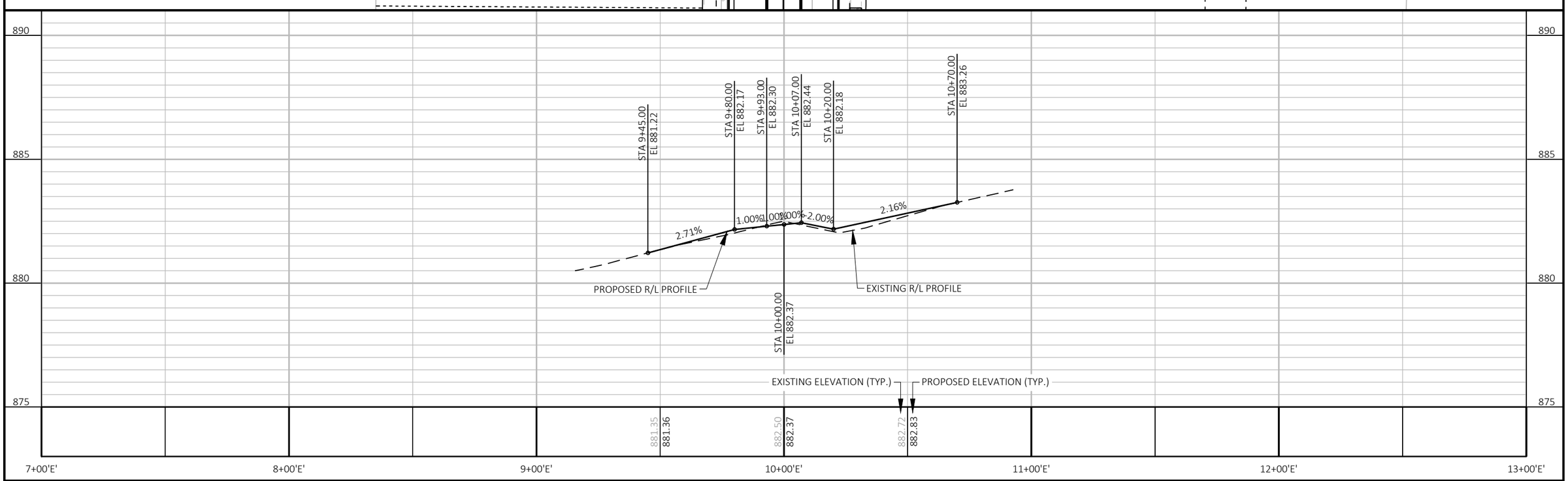


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: ASH STREET	SHEET 367	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050140-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/28/2023 9:35 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

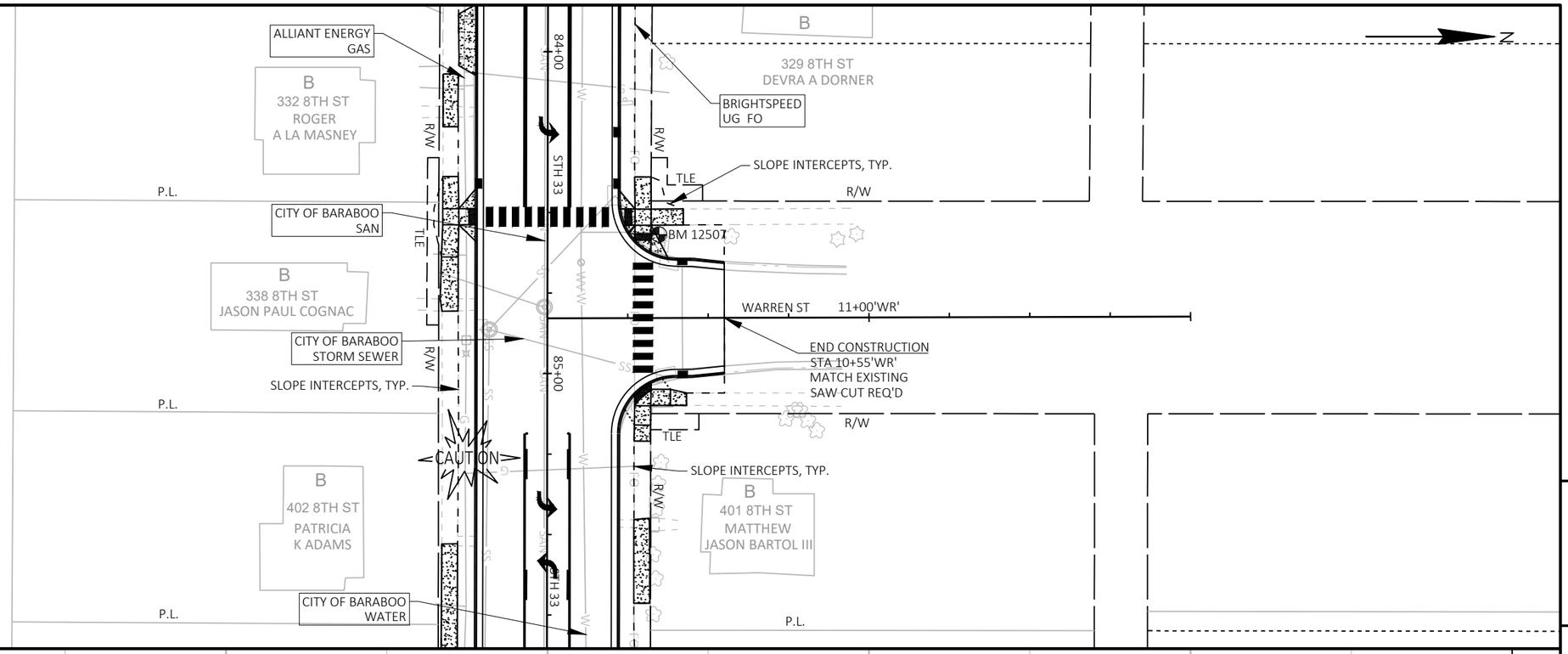
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
12244	80+46 LT	884.477	HYDRANT TOP FLANGE

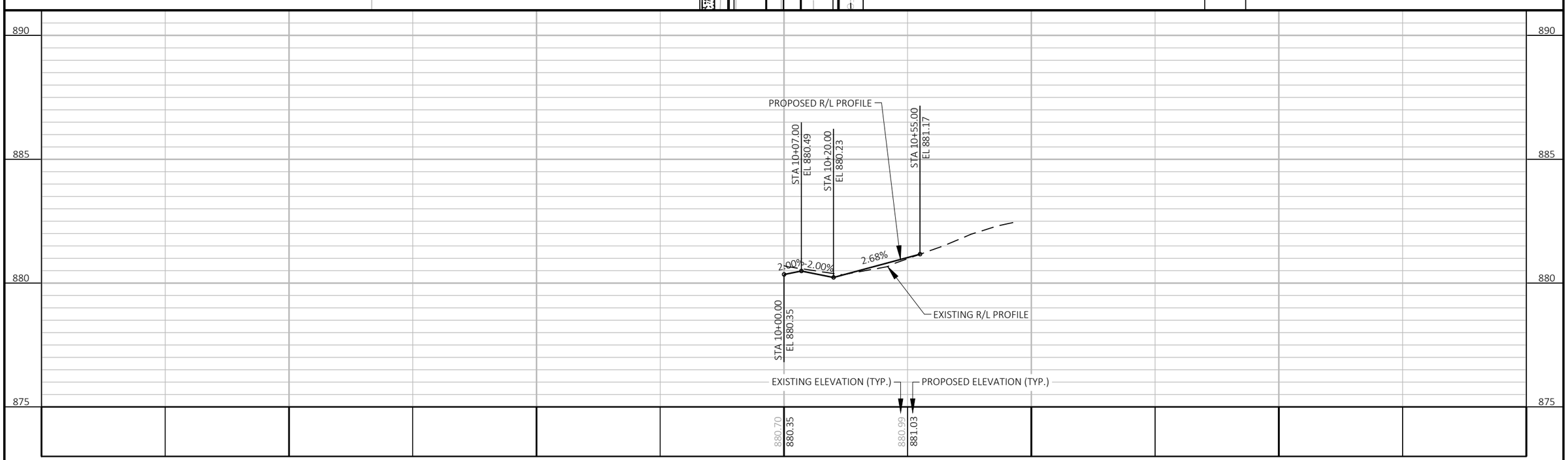




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: EAST STREET	SHEET 368	E

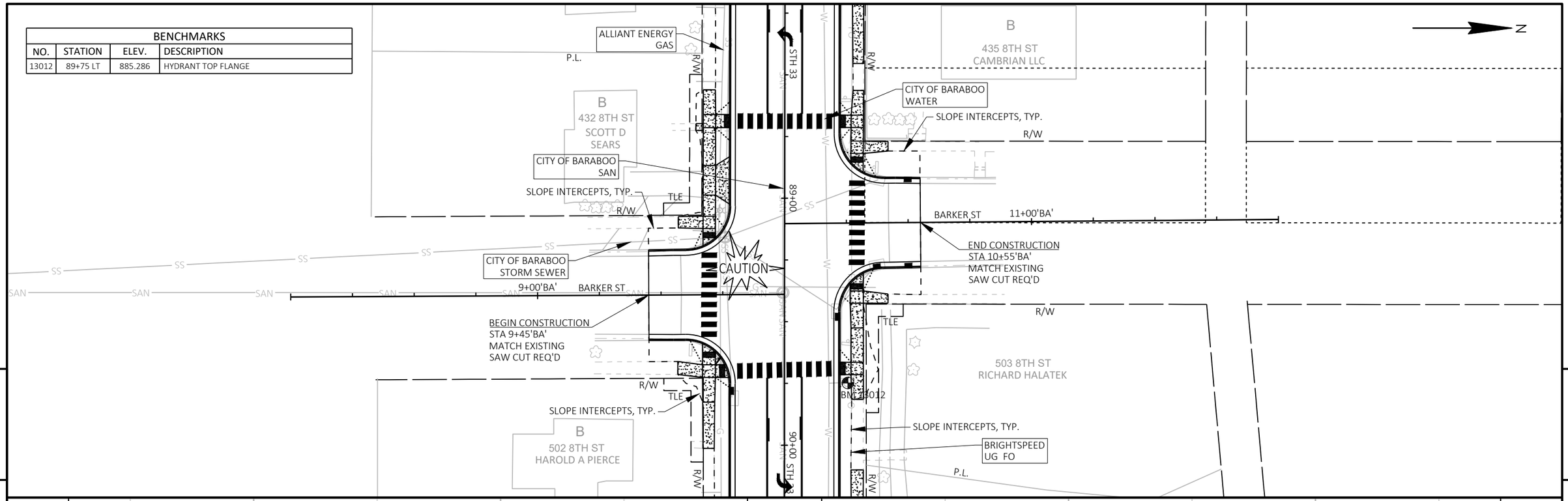
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
12507	84+57 LT	883.291	HYDRANT TOP FLANGE

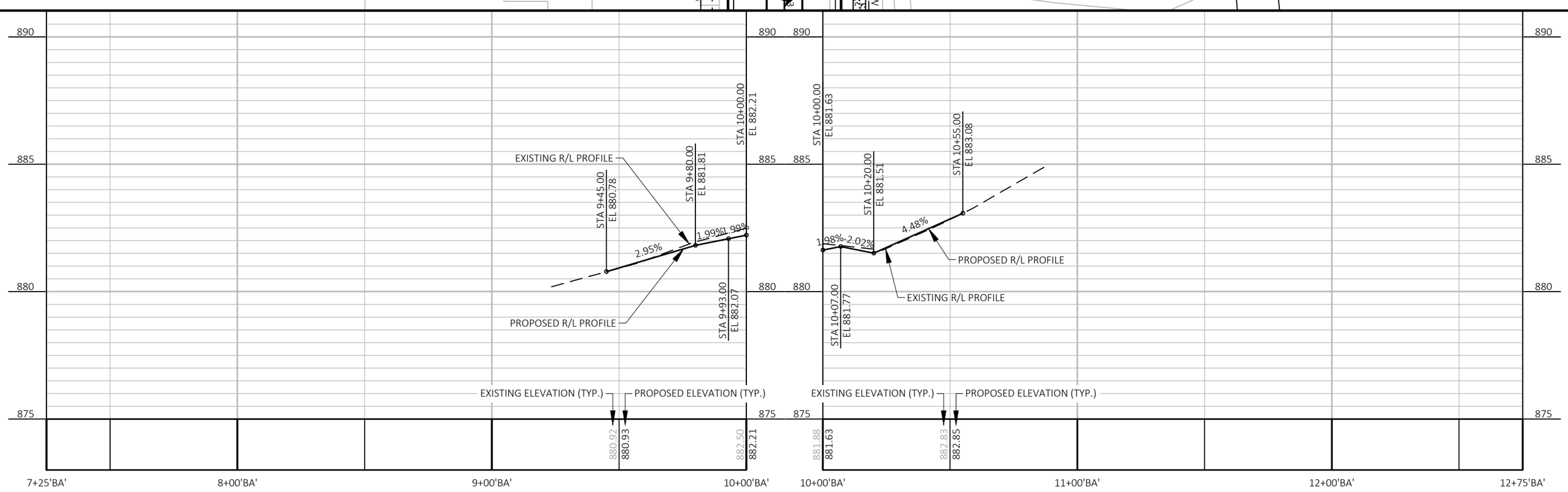




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: WARREN STREET	SHEET 369	E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
13012	89+75 LT	885.286	HYDRANT TOP FLANGE

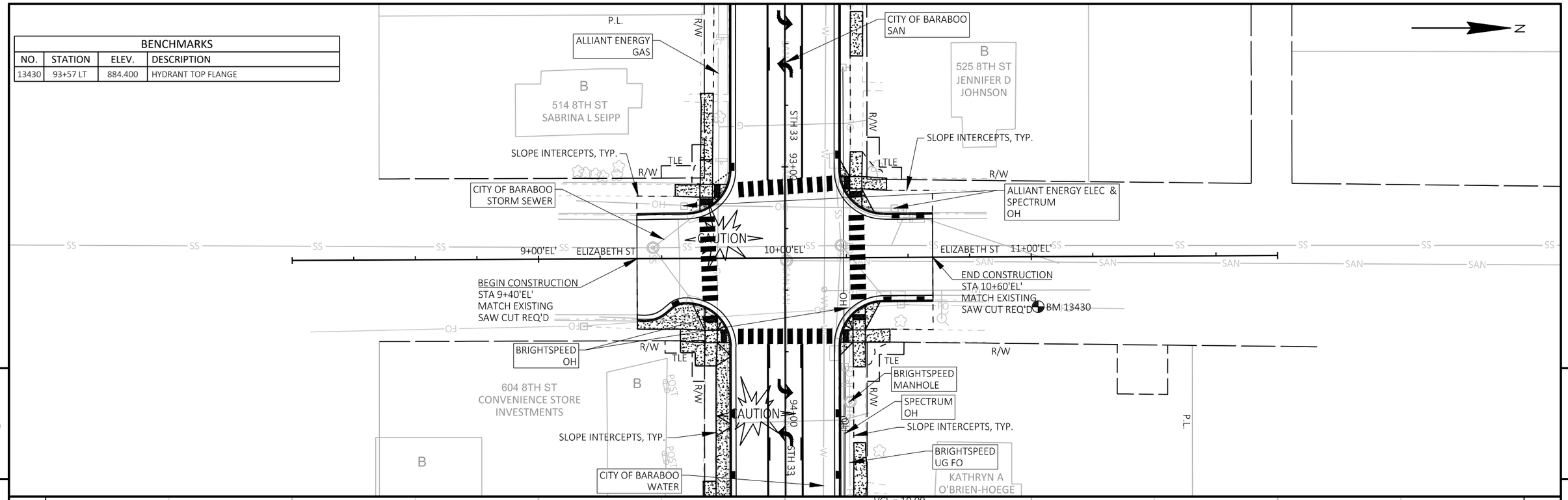




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: BARKER STREET	SHEET 370	E

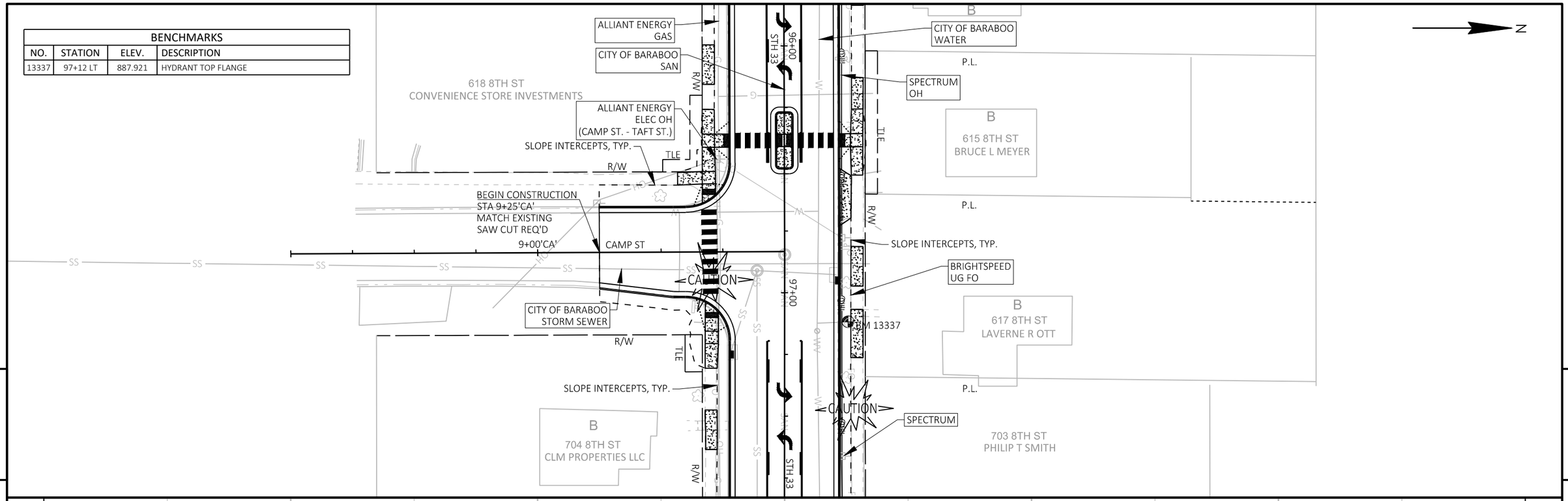
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050143-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/28/2023 9:33 AM
PLOT BY : HAYDEN GROOT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

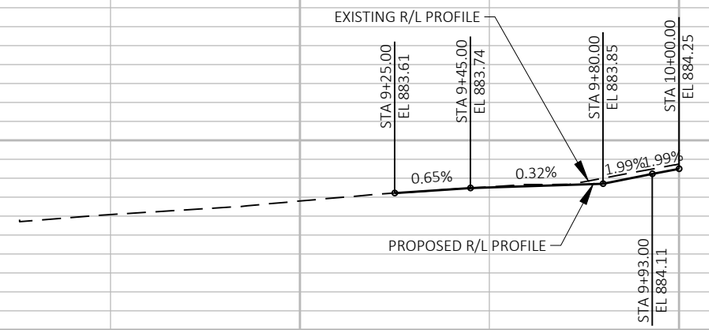
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
13430	93+57 LT	884.400	HYDRANT TOP FLANGE

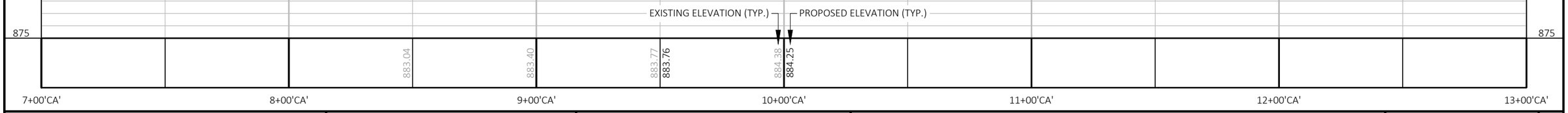


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: ELIZABETH STREET	SHEET 371	E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
13337	97+12 LT	887.921	HYDRANT TOP FLANGE

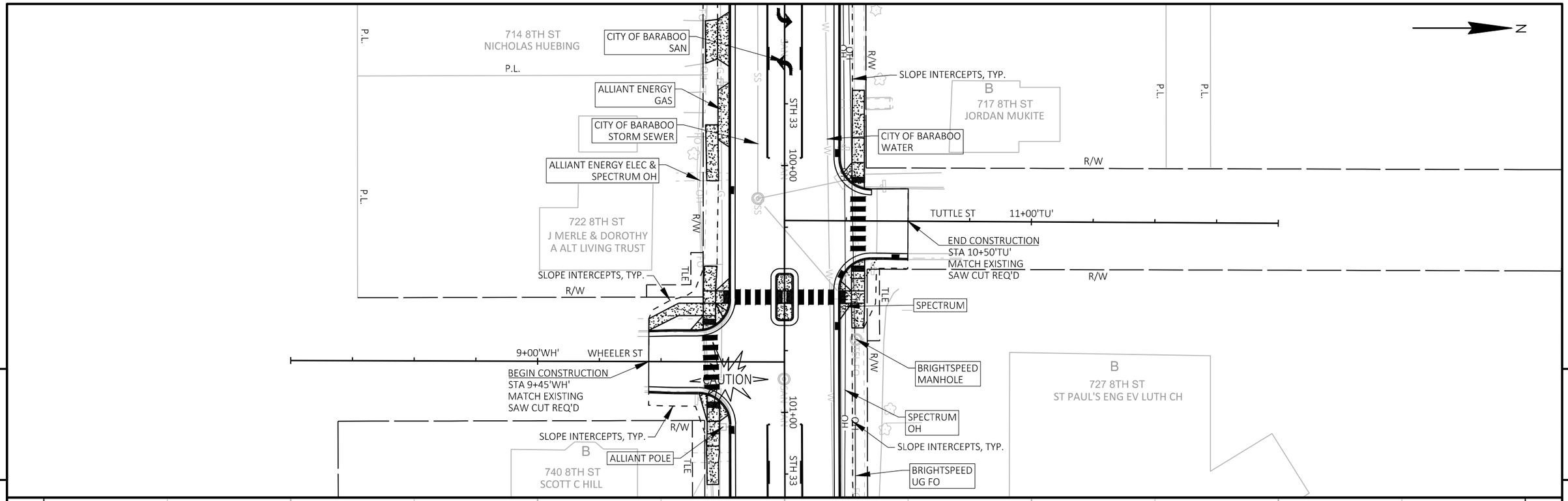


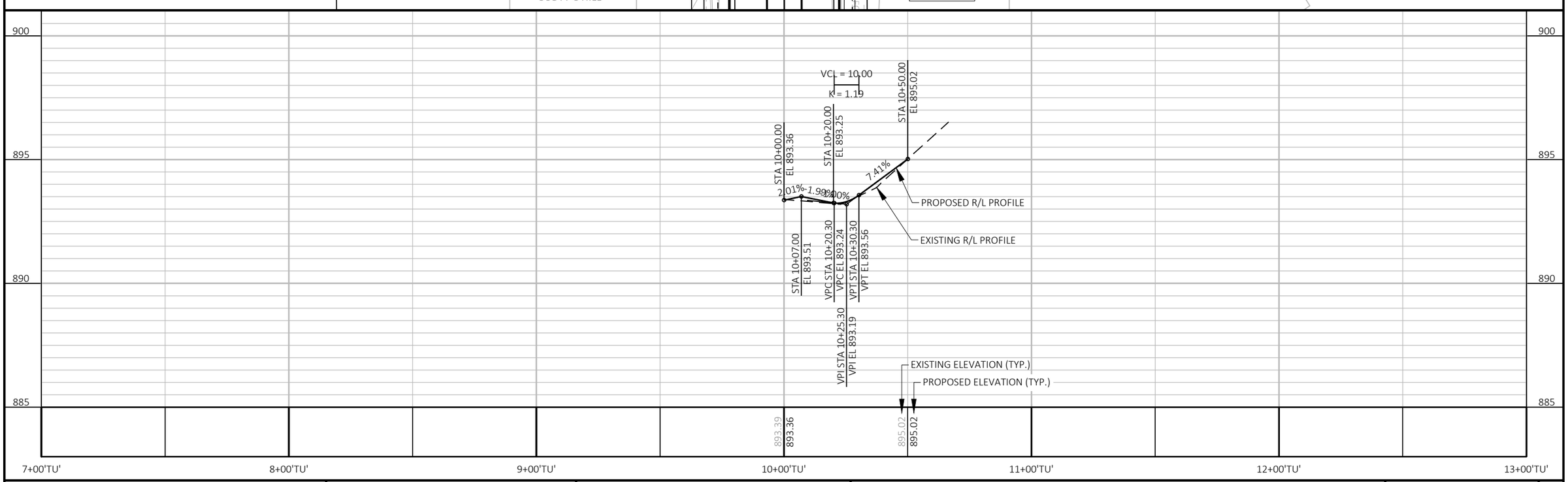




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: CAMP STREET	SHEET 372	E

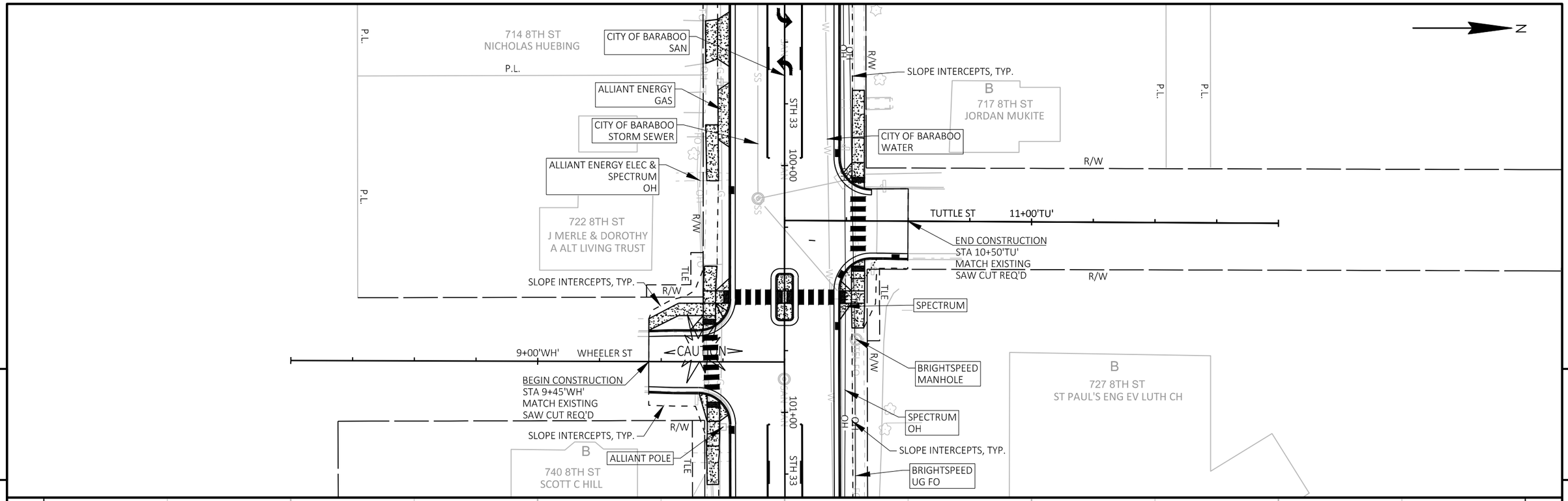
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050145-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 4:02 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: TUTTLE STREET	SHEET 373	E

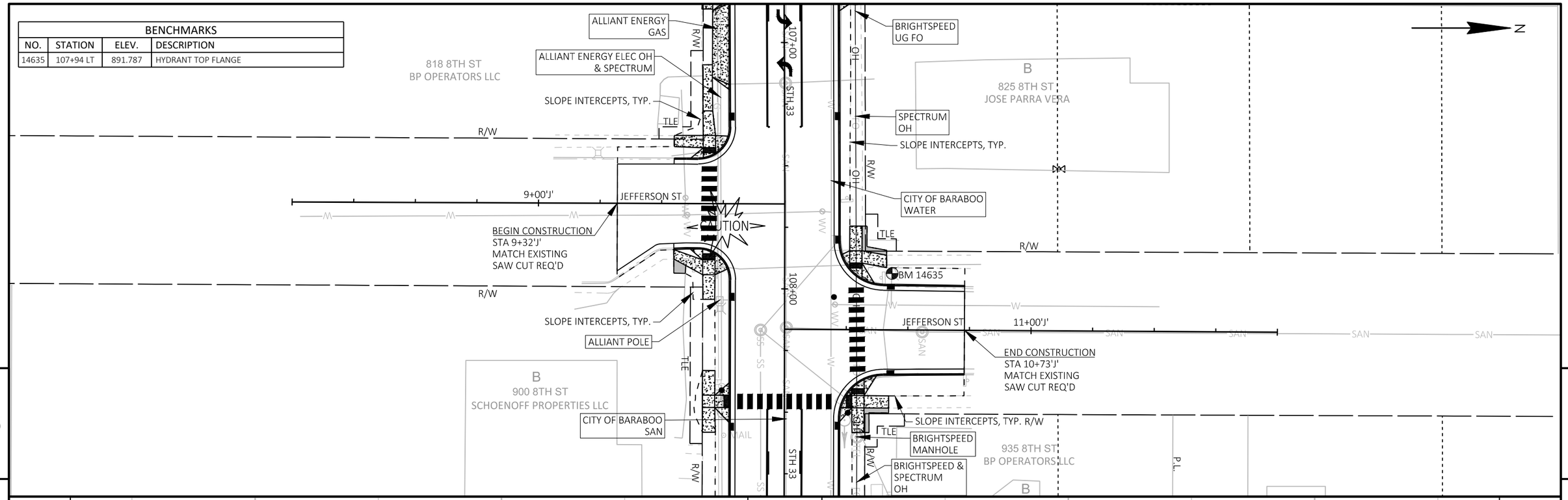
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050146-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 4:08 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: WHEELER STREET	SHEET 374	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050147-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 4:21 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

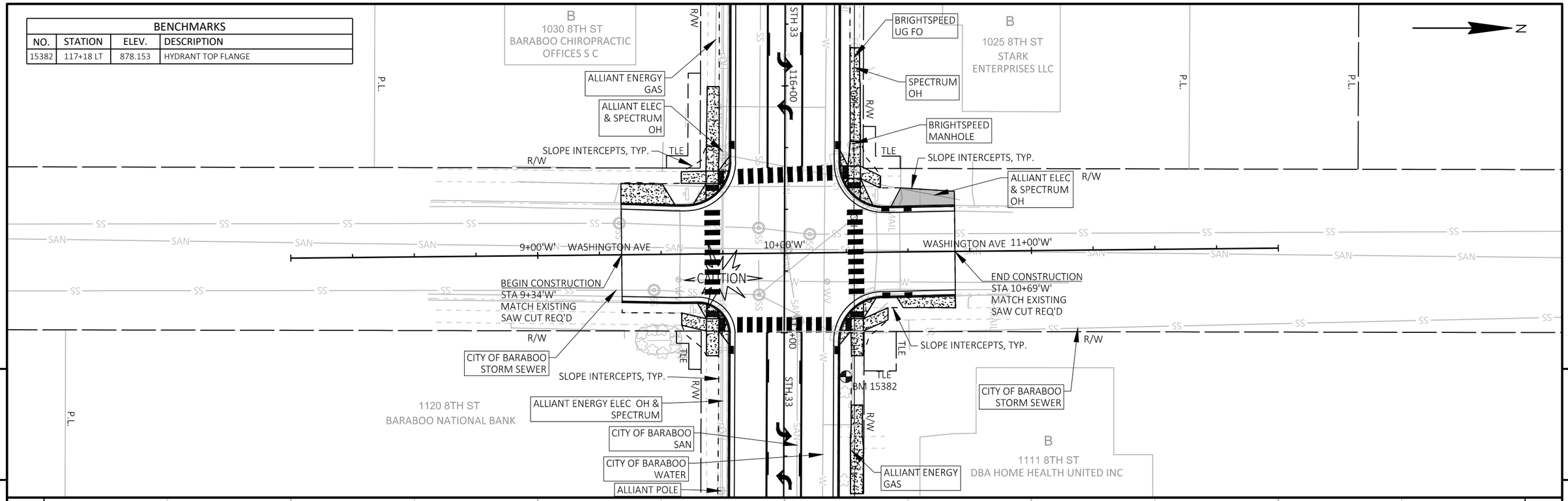
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
14635	107+94 LT	891.787	HYDRANT TOP FLANGE

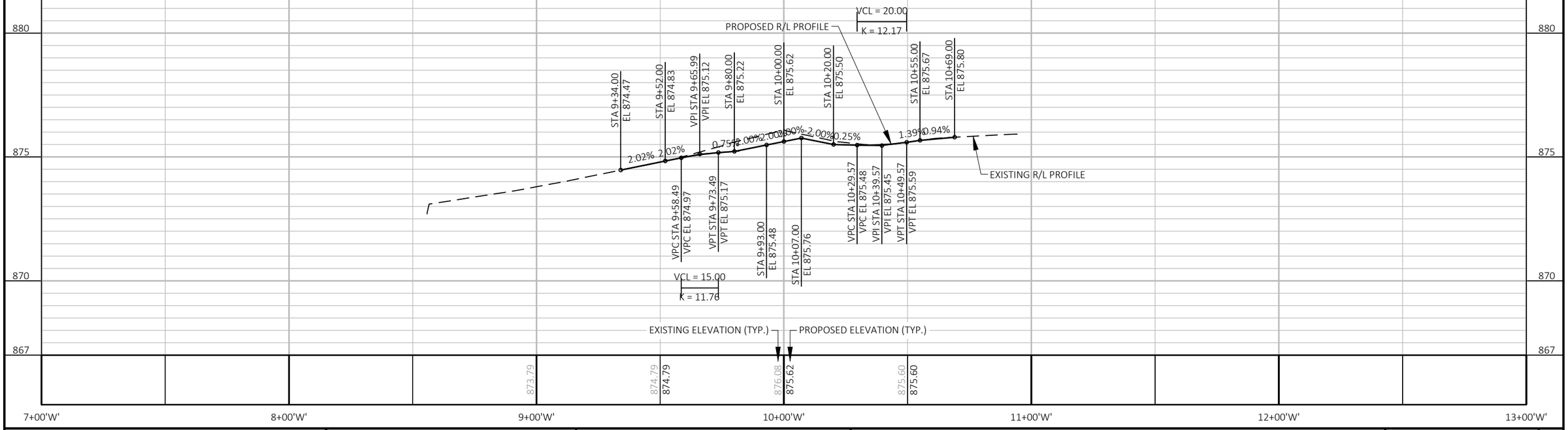


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: JEFFERSON STREET	SHEET 375	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050148-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 4:27 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
15382	117+18 LT	878.153	HYDRANT TOP FLANGE

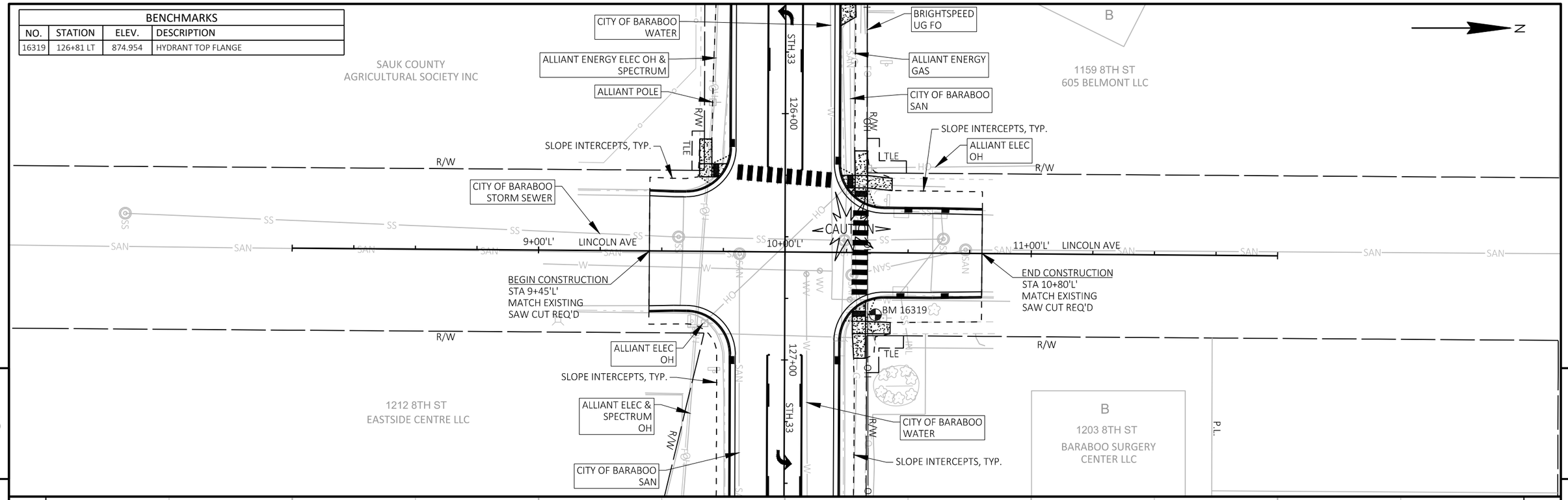




PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: WASHINGTON AVENUE	SHEET 376	E

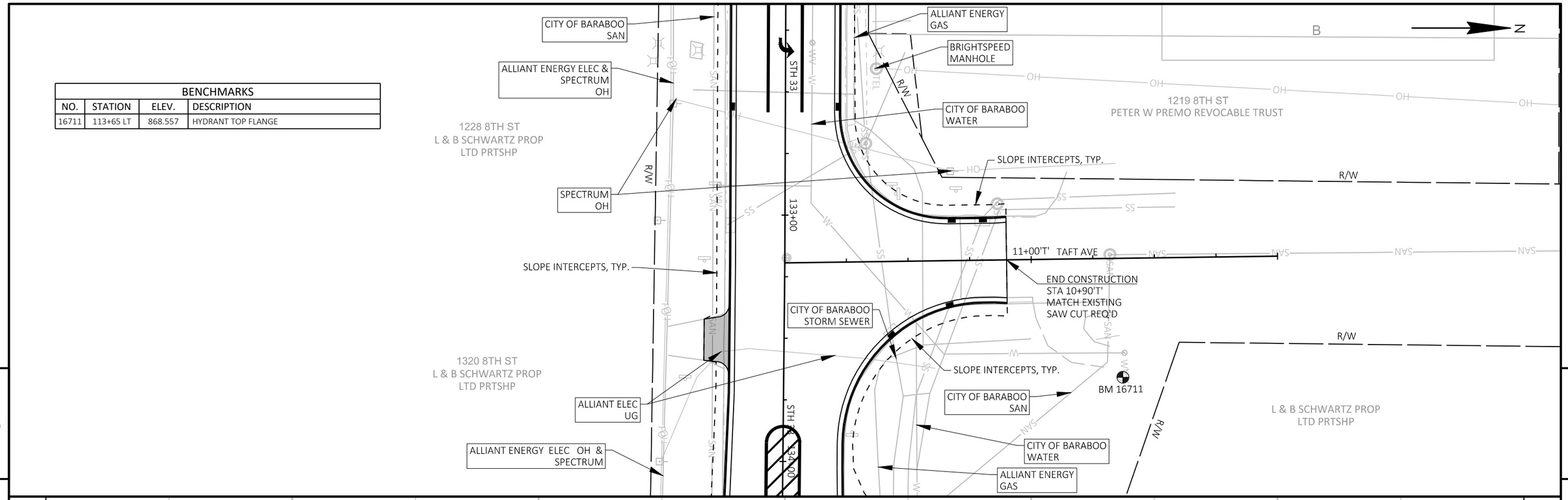
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050149-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 4:34 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

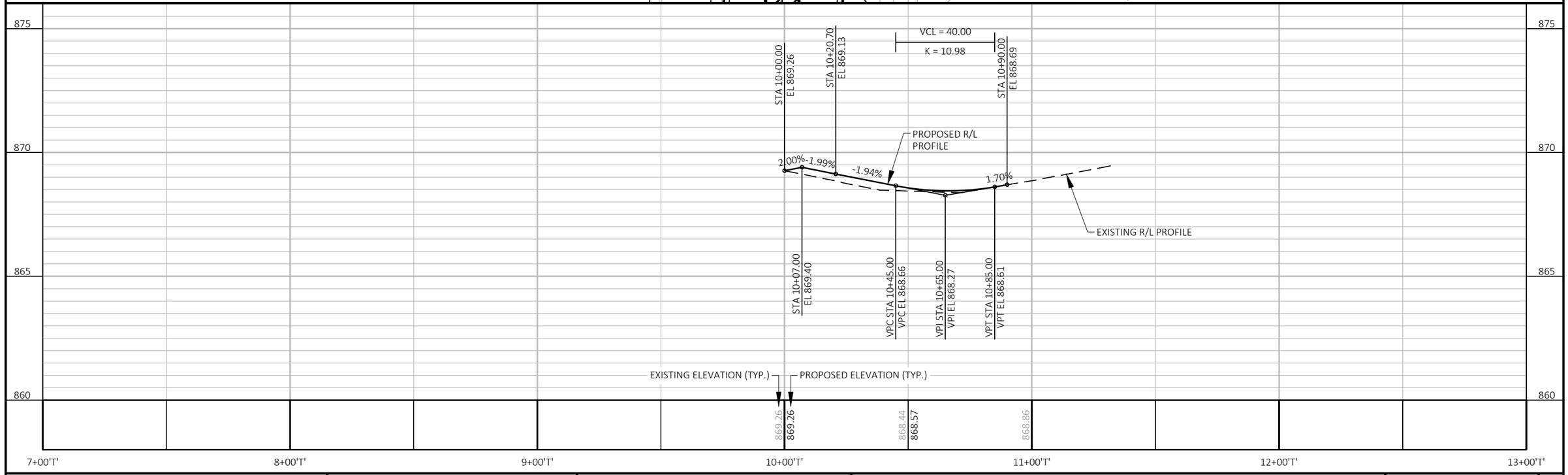
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
16319	126+81 LT	874.954	HYDRANT TOP FLANGE



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: LINCOLN AVENUE	SHEET 377	E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
16711	113+65 LT	868.557	HYDRANT TOP FLANGE





PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PLAN AND PROFILE: TAFT AVENUE	SHEET 378	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\050151-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 4:45 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

Standard Detail Drawing List

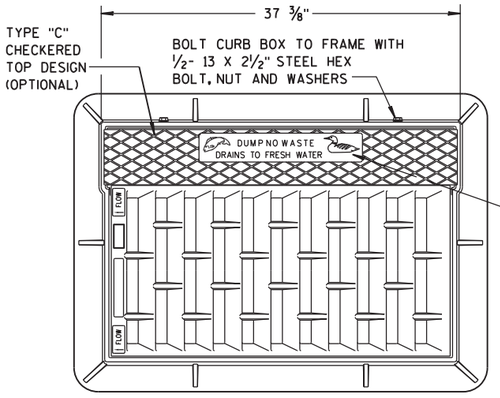
08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-19D	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08A08-02	CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER
08B09-03	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT, 10-FT DIAMETER
08C06-02	INLETS 3-FT AND 4-FT DIAMETER
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08D01-22A	CONCRETE CURB & GUTTER
08D01-22B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-06	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-20A	CURB RAMPS TYPES 1 AND 1-A
08D05-20B	CURB RAMPS TYPES 2 AND 3
08D05-20C	CURB RAMPS TYPES 4A AND 4A1
08D05-20D	CURB RAMPS TYPE 4B AND 4B1
08D05-20E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-20F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-20G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D18-03	DRIVEWAY AND SIDEWALK RAMPS TYPES X & Y
08D19-03	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
08D20-01	DRIVEWAYS WITH CURB & GUTTER RETURNS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09B02-10	CONDUIT
09B16-02	PULL BOX NON-CONDUCTIVE
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C06-07	CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL
09C11-10	CONCRETE BASE TYPE 10
09C14-03	CONCRETE CONTROL CABINET BASE, TYPE L
09D01-05	CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)
09D04-03	LIGHTING CONTROL CABINET 120/240 VOLT
09E01-15C	POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4
09E01-15D	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)
09E01-15G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E03-06	NON-FREEWAY LIGHTING UNIT POLE WIRING
09E06-05	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
09E07-06	TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS
09E08-09A	TYPE 9 POLE 15'-30' MONOTUBE ARM
09E08-09E	TYPE 10 POLE 15'-30' MONOTUBE ARM
09E08-09K	GENERAL NOTES,HARDWARE DETAILS FOR TYPE 9/10,9/10 SPECIAL,12 & 13 POLES W/MONOTUBE ARMS
09E12-01A	OVER HEIGHT TYPE 9 POLE 15'-30' MONOTUBE ARM
09E12-01B	OVER HEIGHT TYPE 10 POLE 15'-30' MONOTUBE ARM
09E12-01C	OVER HEIGHT TYPE 12 POLE 35'-55' MONOTUBE ARM
09E12-01E	GENERAL NOTES AND HARDWARE DETAILS FOR OVER HEIGHT TYPE 9, 10, 12 & 13 POLES WITH MONOTUBE ARMS
09H09-02	COMMUNICATION VAULT TYPE 1
11B02-02	CONCRETE MEDIAN NOSE
12A03-10	NAME PLATE (STRUCTURES)
12A04-03	STRUCTURE IDENTIFICATION PLAQUES, RAMP GATES, SIGN BRIDGES & OVERHEAD SIGN SUPPORTS & TRAFFIC SIGNALS
13C19-03	HMA LONGITUDINAL JOINTS
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05I	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

6

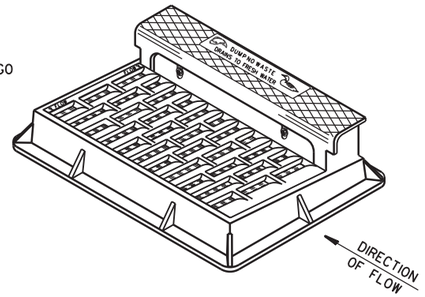
Standard Detail Drawing List

14B45-05J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05L	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-08C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-22A	LONGITUDINAL MARKING (MAINLINE)
15C08-22B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-22C	PAVEMENT MARKING (TURN LANES)
15C08-22D	PAVEMENT MARKING (TURN LANES)
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C18-07A	MEDIAN ISLAND MARKING PAVEMENT MARKINGS
15C18-07B	MEDIAN ISLAND MARKING MEDIAN ISLAND NOSE
15C18-07C	MEDIAN PAVEMENT MARKINGS DOUBLE ARROW WARNING SIGN PLACEMENT
15C19-08A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-08B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-05A	PAVEMENT MARKING (INTERSECTIONS)
15D12-10A	TRAFFIC CONTROL, LANE CLOSURE
15D20-06B	TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY
15D20-06C	TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY
15D30-08A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-08B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-08C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-08D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-08E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-08F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-08G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-08H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-08I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-08J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-08K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D40-04A	TRAFFIC CONTROL, FULL LANE SHIFT NON-FREEWAY OR MULTILANE DIVIDED 45 MPH AND UNDER
15D40-04C	TRAFFIC CONTROL, PARTIAL LANE SHIFT NON-FREEWAY OR MULTILANE DIVIDED 45 MPH AND UNDER
15D50-02A	TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT
15D50-02B	TRAFFIC CONTROL, ADDED LANE CLOSURE WITH LANE SHIFT

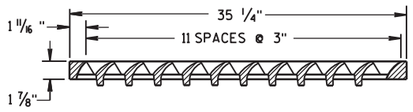
6

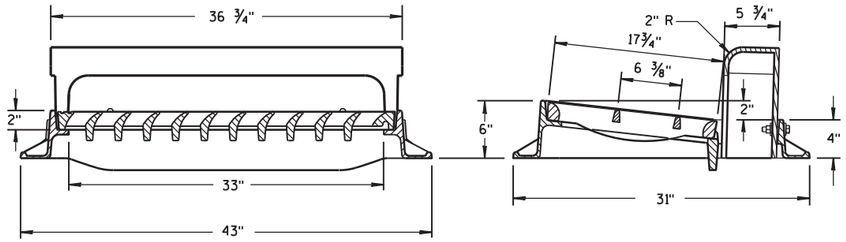


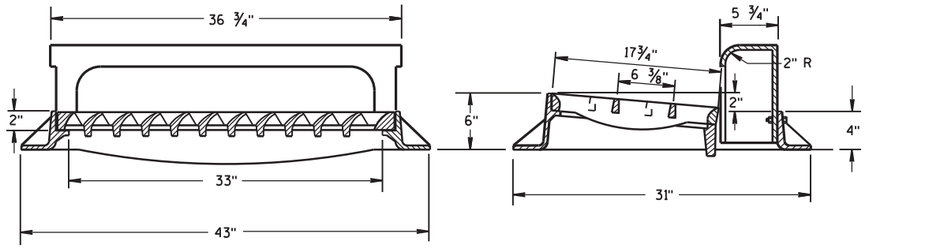
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

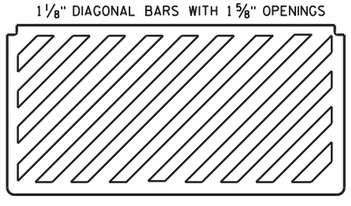






TYPE "H"

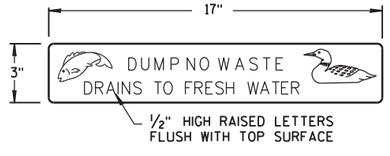
NOTE: EITHER CASTING IS ACCEPTABLE



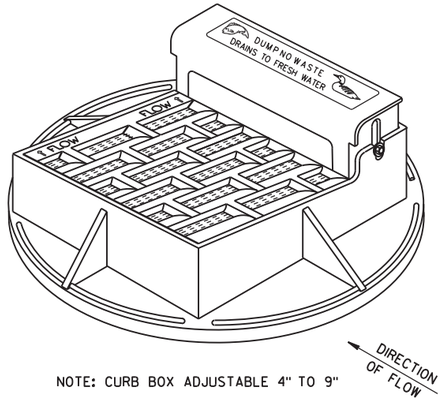
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

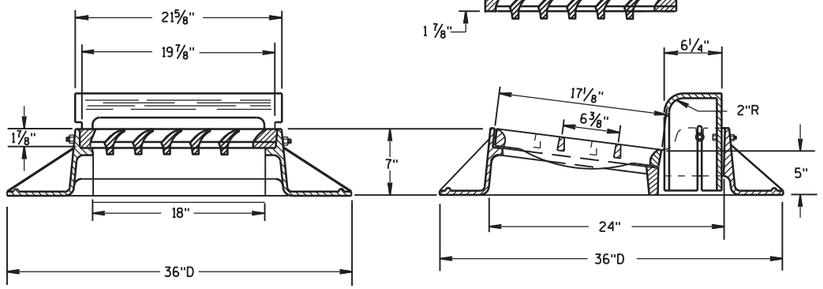


LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.



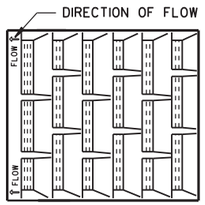
TYPE "A"

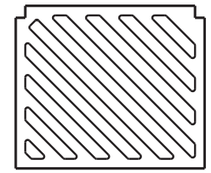
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

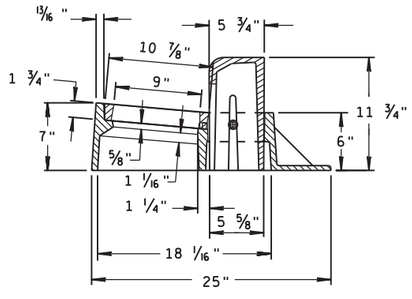


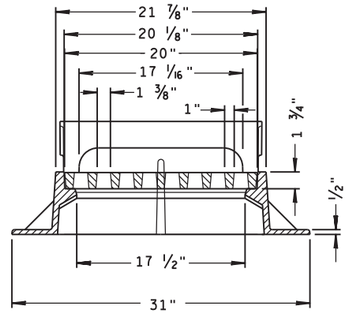


SPECIAL GRATE FOR TYPE "A" COVER

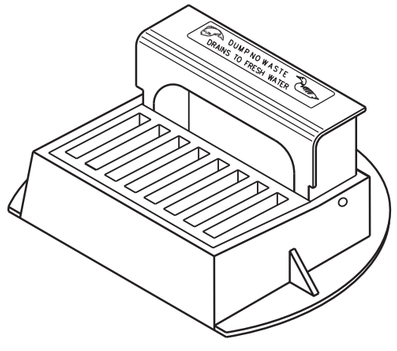
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



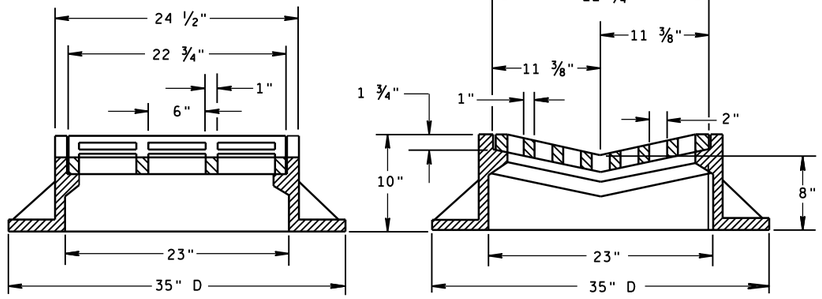
INLET COVERS TYPE A, H, A-S, H-S & Z

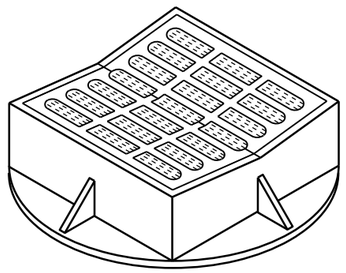
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

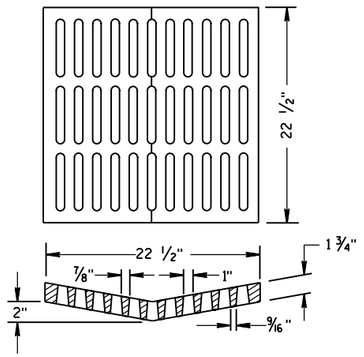
6

S.D.D. 8 A 5-19a



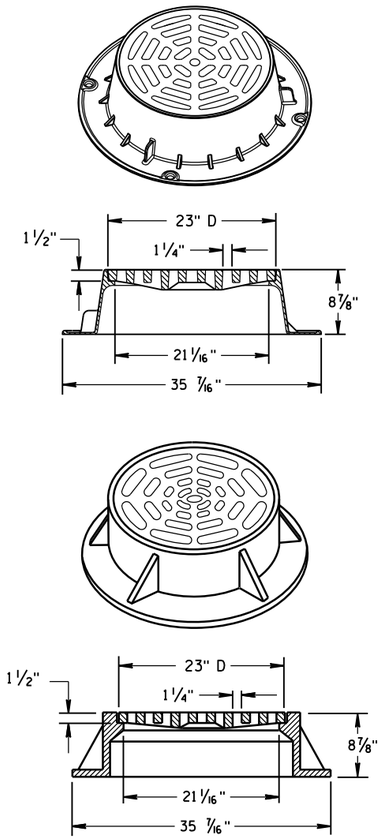


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

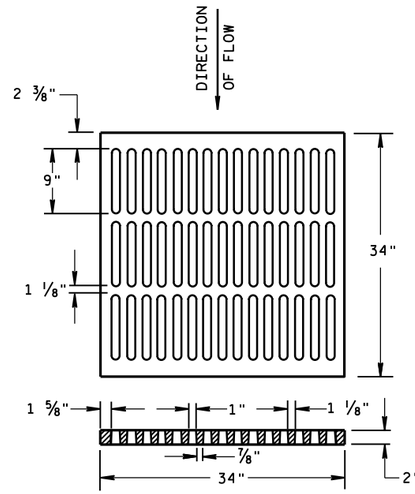
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

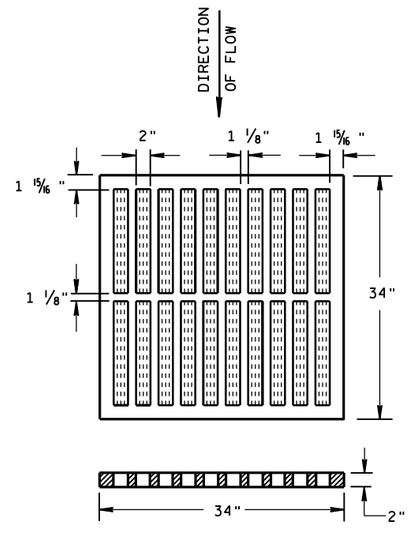
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



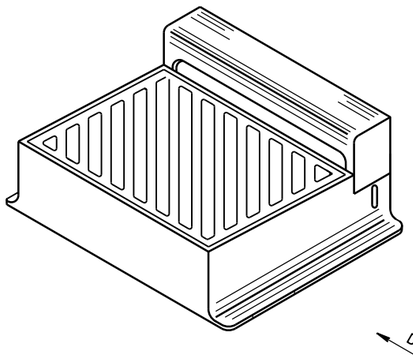
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

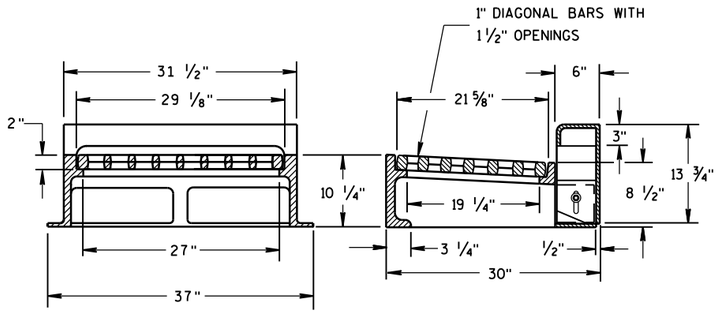


TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

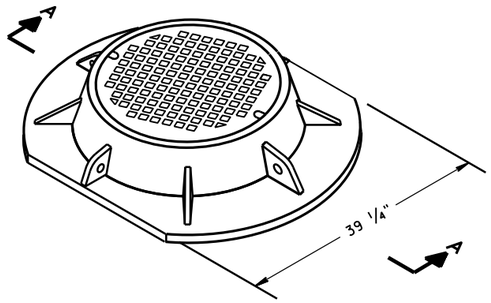
INLET COVERS
TYPE B, B-A, C, MS, MS-A, & WM

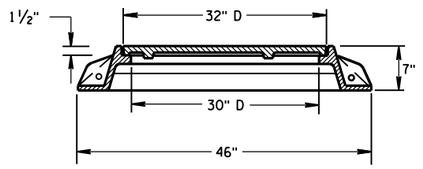
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

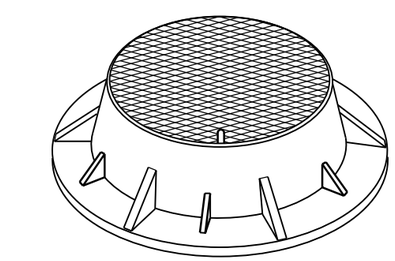
6

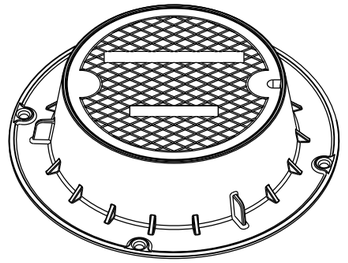
S.D.D. 8 A 5-19b

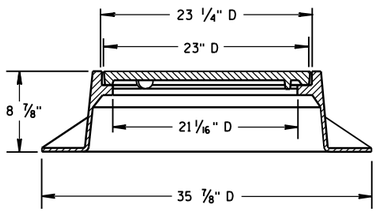


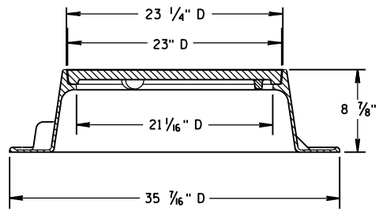


SECTION A-A
TYPE "K"









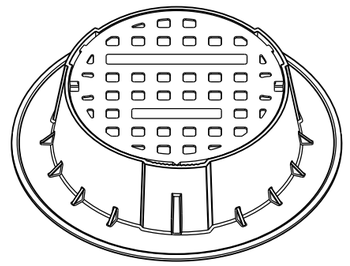
TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

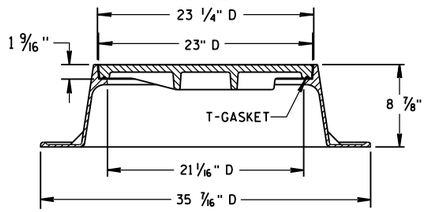
GENERAL NOTES

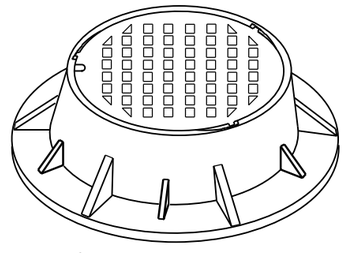
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

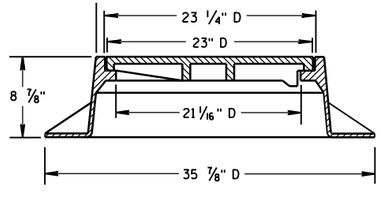
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

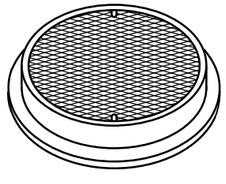


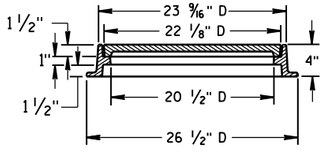




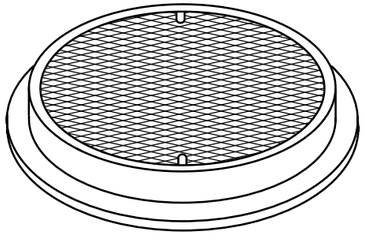


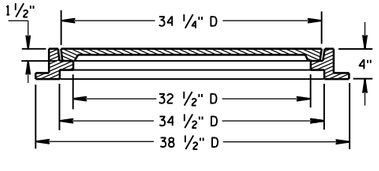
TYPE "J" SPECIAL
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)
NOTE: EITHER CASTING IS ACCEPTABLE





TYPE "L"





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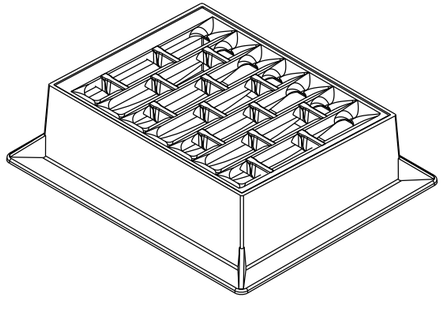
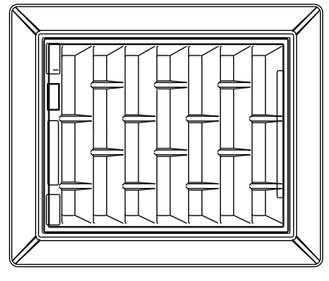
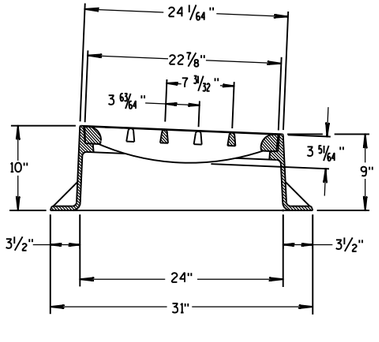
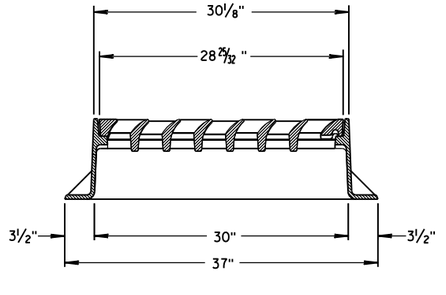








INLET COVER TYPE "BW"

INLET COVER TYPE BW
MANHOLE COVERS, TYPE K, J, J-S, L & M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE
FHWA

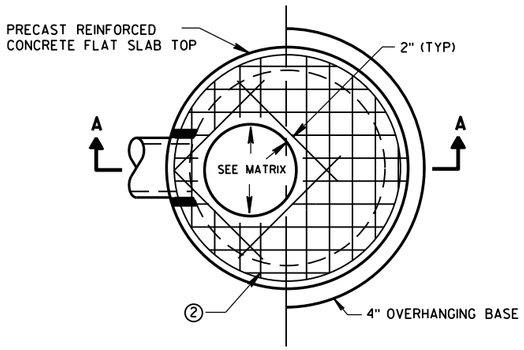
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

6

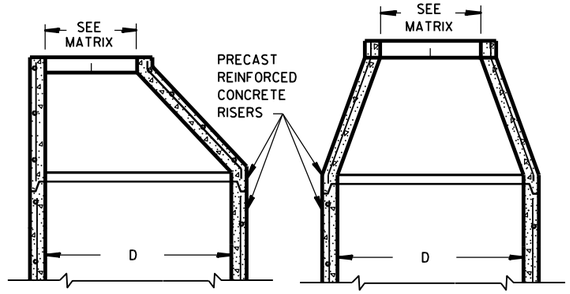
S.D.D. 8 A 5-19d

6

S.D.D. 8 A 5-19d

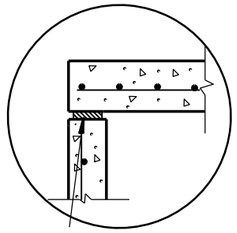


PLAN VIEW CIRCULAR OPENING

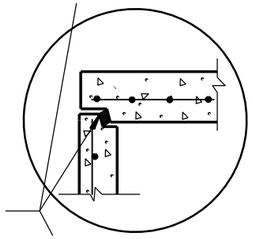


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

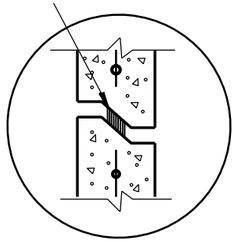
OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP



TOP WITH PLAIN END JOINT

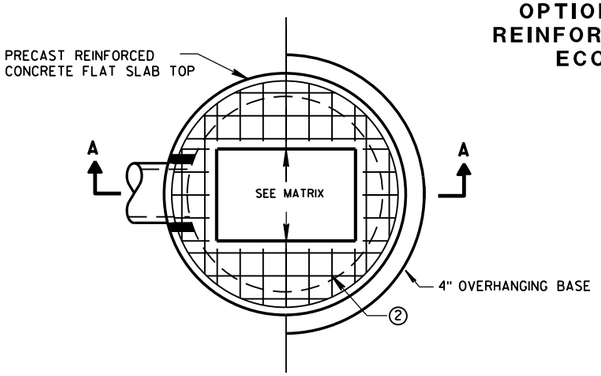


TOP WITH TONGUE AND GROOVE JOINT

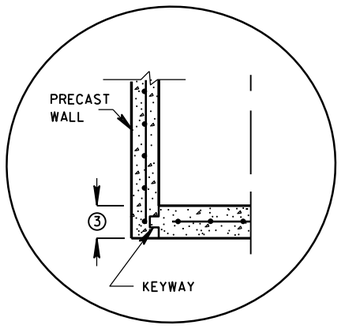


RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

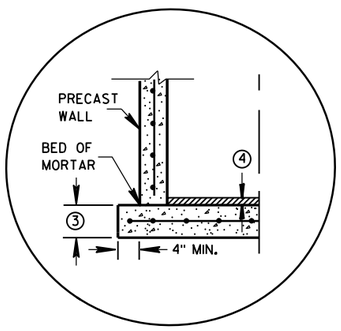


PLAN VIEW RECTANGULAR OPENING



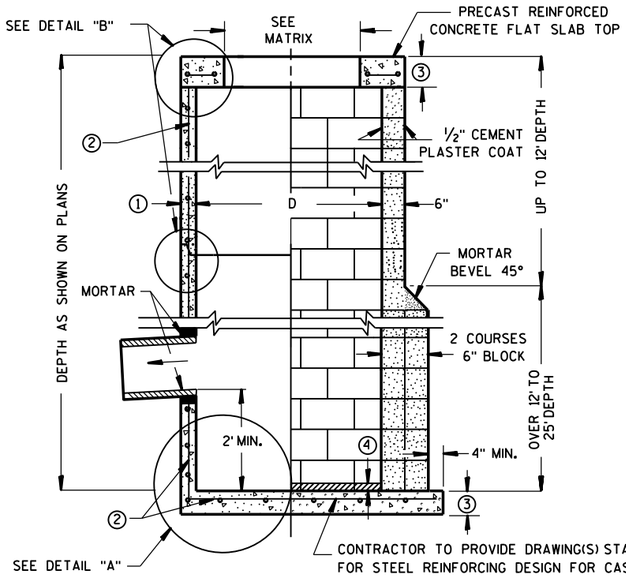
PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

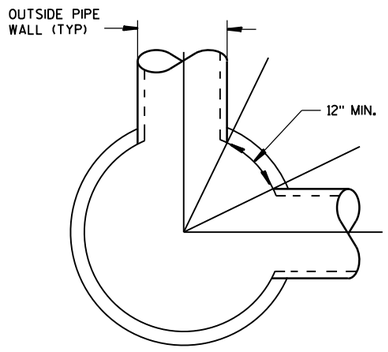
DETAIL "A"



SECTION A-A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②



DETAIL "C"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST CATCH BASIN UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT AND 7 INCHES FOR 6-FT DIAMETER PRECAST CATCH BASINS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

③ PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

④ 1" CONCRETE KEY POURED AFTER INSTALLATION. 2' SUMP MEASURED FROM TOP OF KEY.

CATCH BASIN COVER OPENING MATRIX

CATCH BASIN SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
	OPENING SIZE (FT)											
3-FT	2X2	X	X					X		X		
	2 DIA.				X							X
4-FT-6-FT	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2 DIA.				X							X
	2X3						X					
	2.5X3					X						

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	30

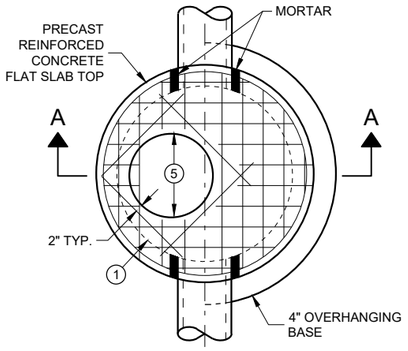
CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

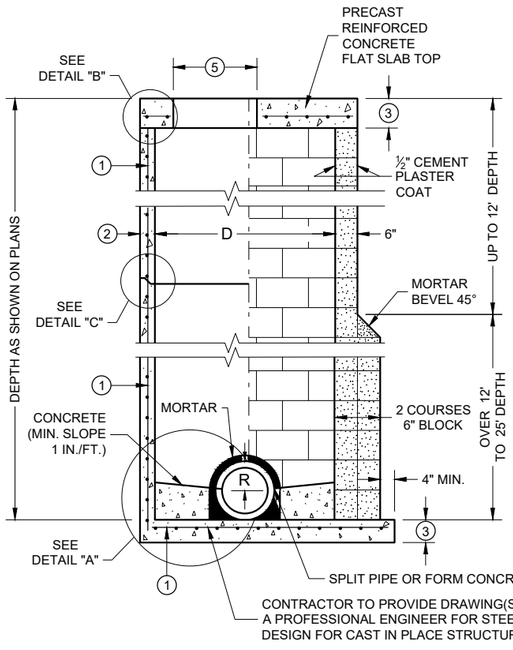
APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

S.D.D. 8 A 8-2

S.D.D. 8 A 8-2



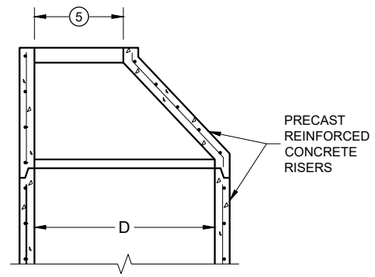
PLAN VIEW
CIRCULAR OPENING



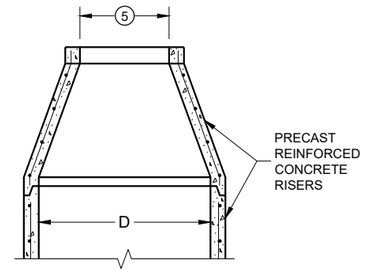
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

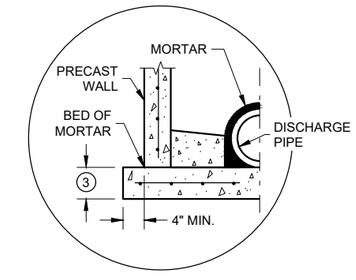
MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

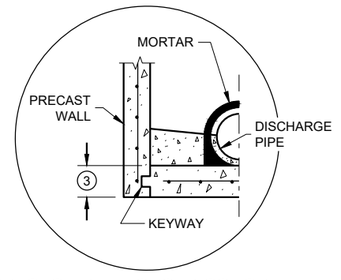
PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42*	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES.
SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

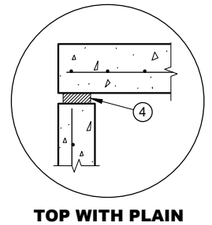


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

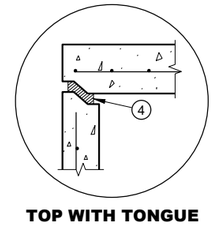


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

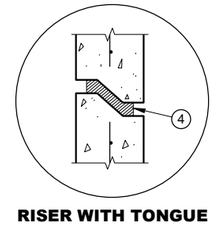
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

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FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

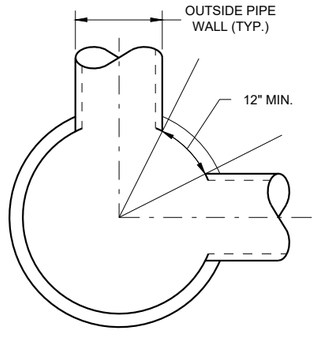
(1) FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(2) SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES

(3) SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP.).

(5) SEE MANHOLE COVER OPENING MATRIX.



MINIMUM HORIZONTAL PIPE SEPARATION

MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

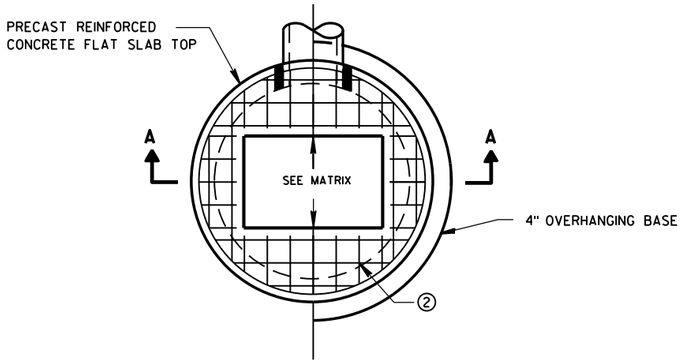
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

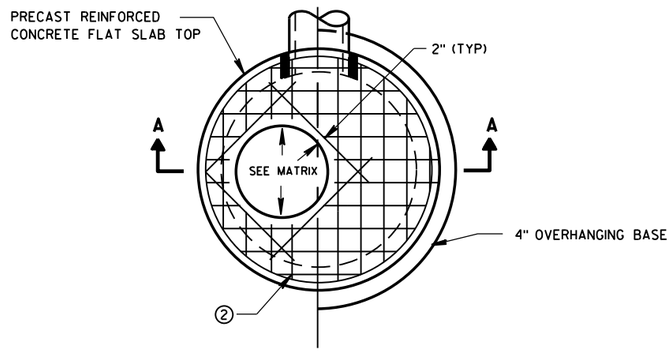
MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

6

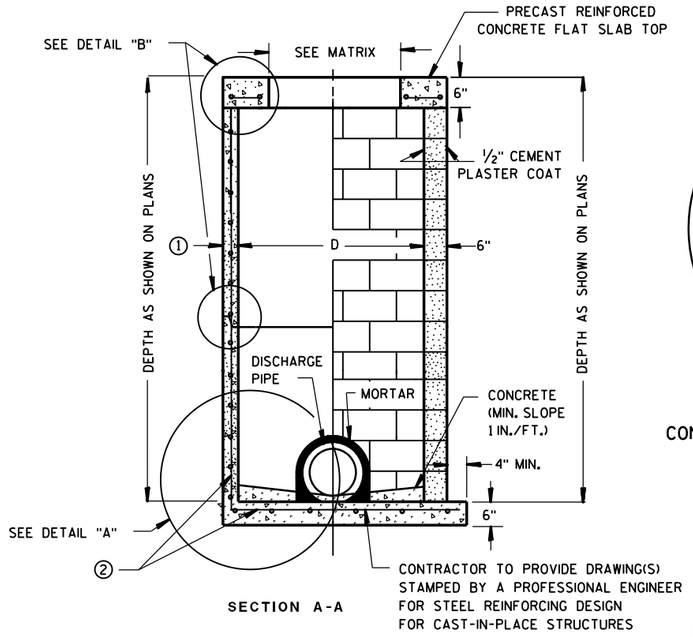
SDD 08B09 - 03



PLAN VIEW RECTANGULAR OPENING



PLAN VIEW CIRCULAR OPENING

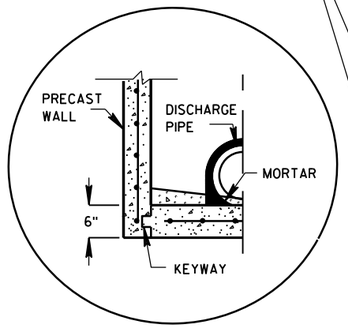


SECTION A-A

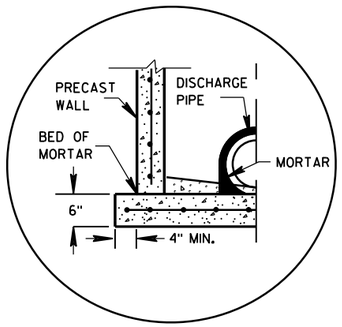
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

CIRCULAR INLETS W/ FLAT TOP

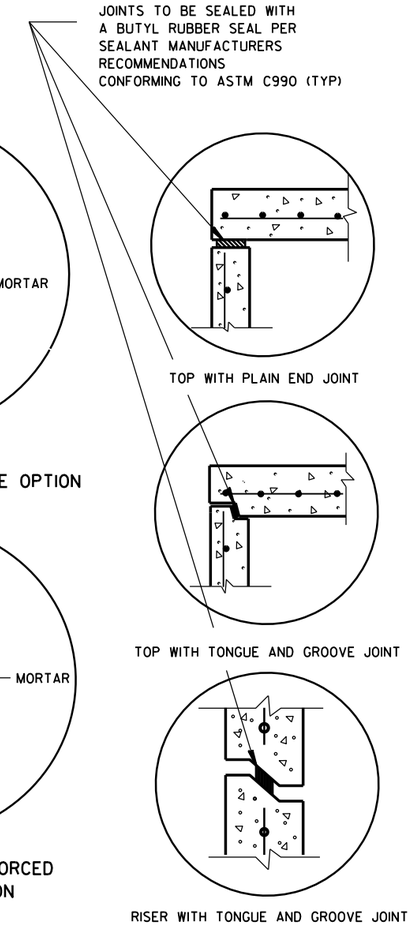


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



TOP WITH PLAIN END JOINT

TOP WITH TONGUE AND GROOVE JOINT

RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

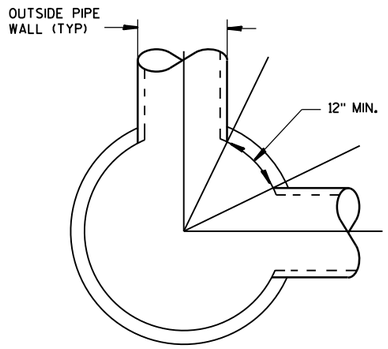
FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4-IN FOR 3-FT DIAMETER AND 5-IN FOR 4-FT DIAMETER PRECAST INLETS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

INLET COVER OPENING MATRIX

	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
INLET SIZE	OPENING SIZE (FT)											
3-FT	2 DIA.				X							X
	2X2	X	X					X		X		
4-FT	2 DIA.				X							X
	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2X3						X					
	2.5X3					X						



DETAIL "C"

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

INLETS 3-FT AND 4-FT DIAMETER

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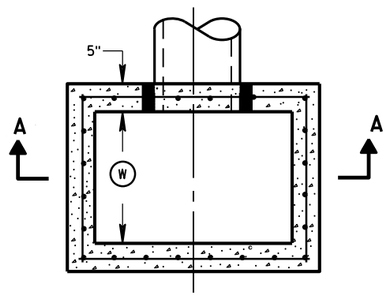
INLETS 3-FT AND 4-FT DIAMETER

6

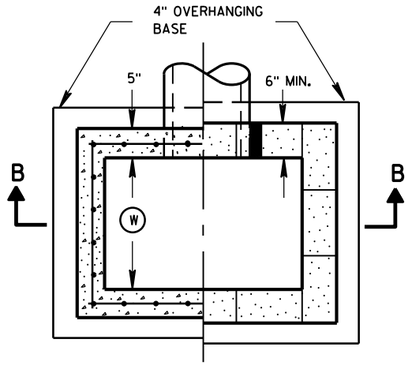
S.D.D. 8 C 6-2

6

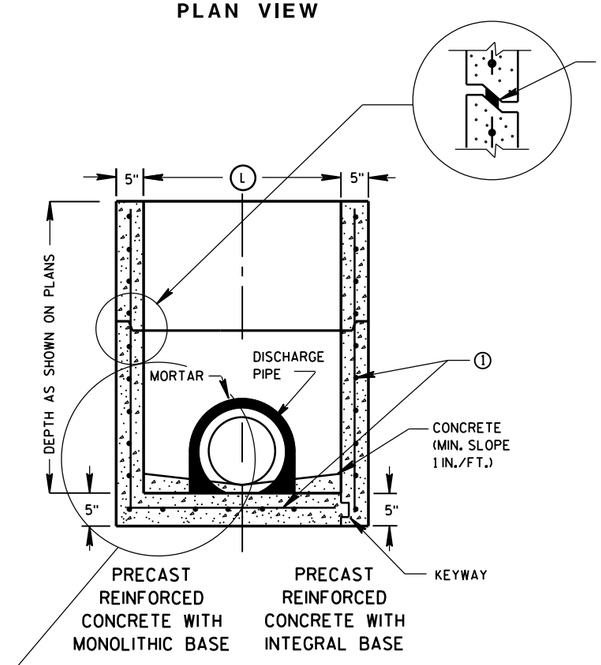
S.D.D. 8 C 6-2



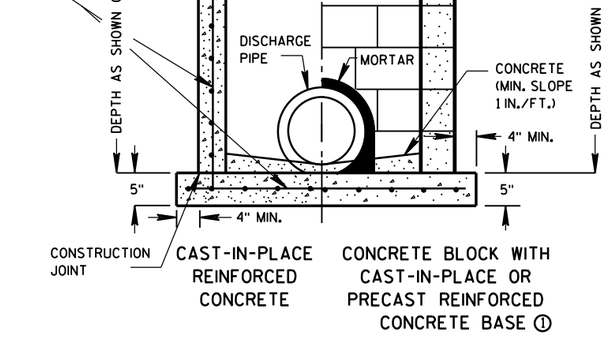
PLAN VIEW



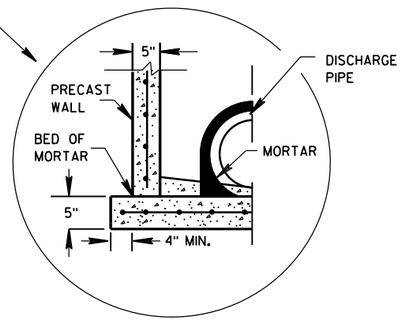
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

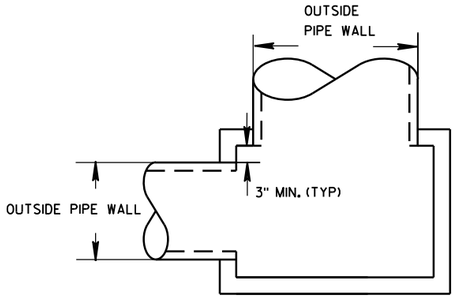
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH Ⓦ (FT)	LENGTH Ⓛ (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

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FHWA

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

6

S.D.D. 8 C 7-2

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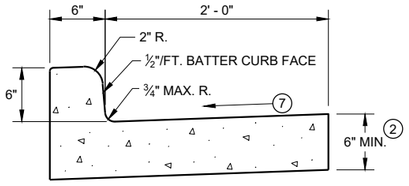
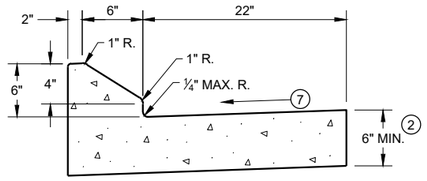
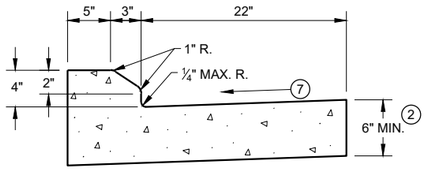
S.D.D. 8 C 7-2



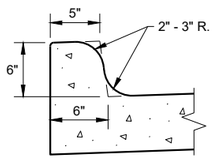
TYPES A[1] & D



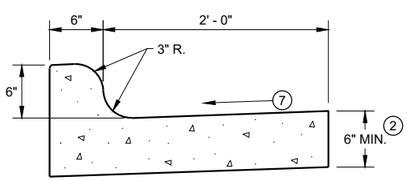
6" SLOPED CURB TYPES G[1] & J



4" SLOPED CURB TYPES G[1] & J

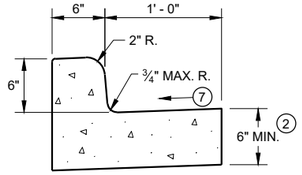


TYPES K[1] & L
(OPTIONAL CURB SHAPE)



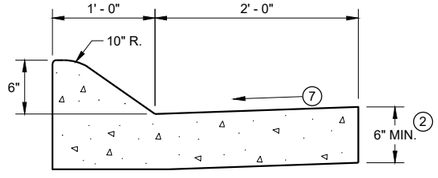
TYPES K[1] & L

CONCRETE CURB AND GUTTER 30"



TYPES A[1] & D

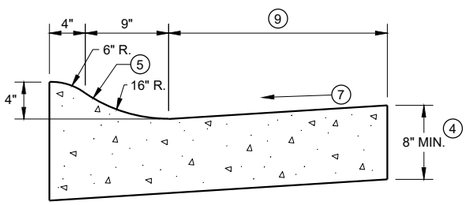
CONCRETE CURB AND GUTTER 18"



6" SLOPED CURB TYPES A[1] & D

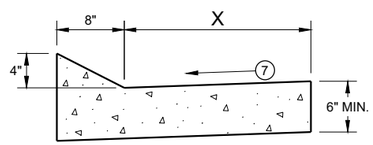
4" SLOPED CURB TYPES A[1] & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R[1] & T

TBT & TBTT	X
30"	22"
36"	28"

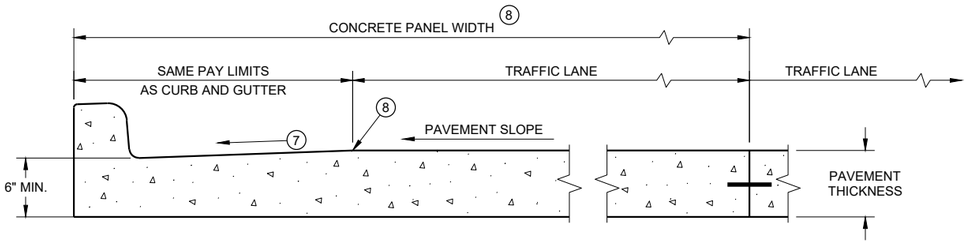


TYPES TBT & TBTT[1]

CONCRETE CURB AND GUTTER

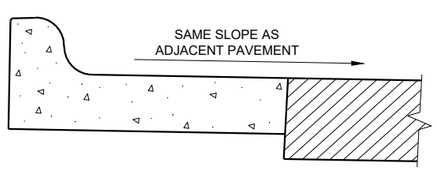
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER[6]
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

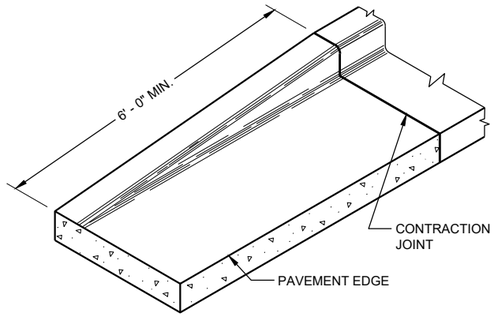
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

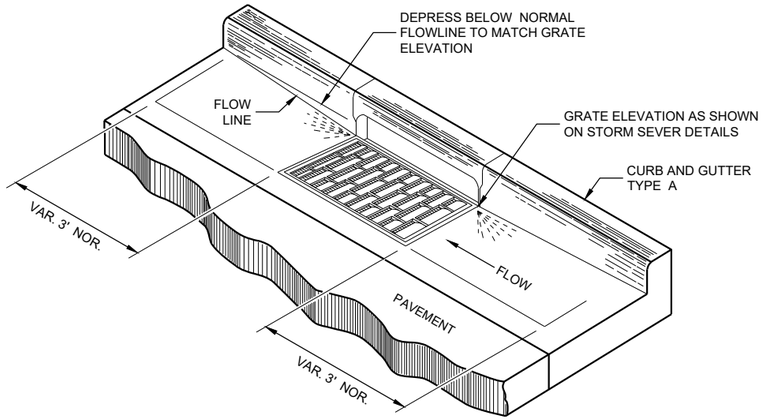
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

1. TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
2. THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
3. USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.
4. THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.
5. UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.
6. WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.
7. USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.
8. INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.
9. CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
   CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

CONCRETE CURB AND GUTTER



END SECTIONCURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

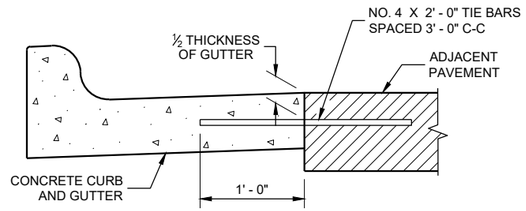
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

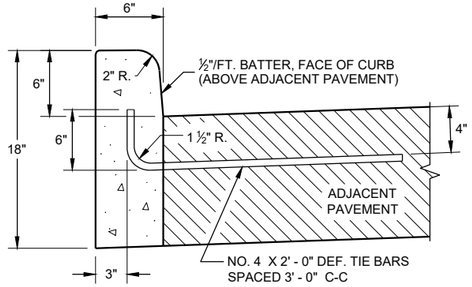
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

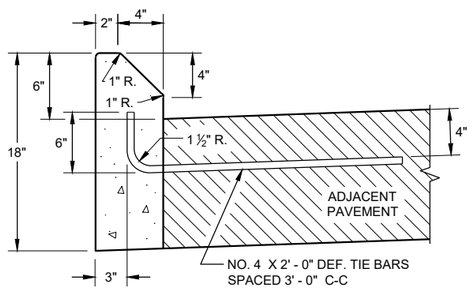
(9) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION (1)

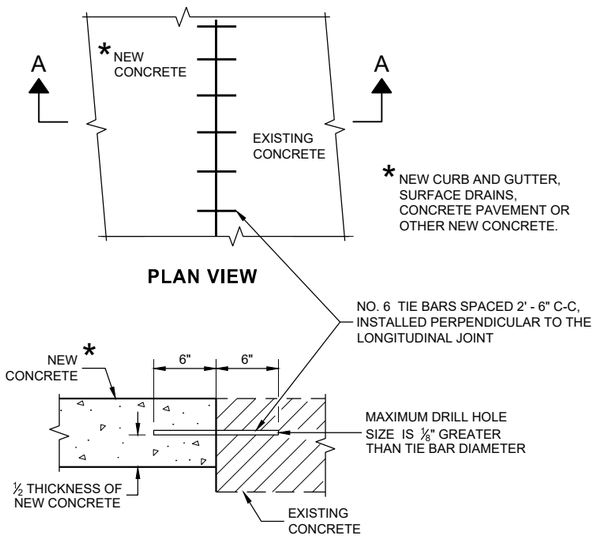


TYPES A (1) & D



TYPES G (1) & J

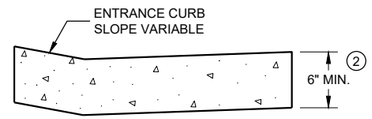
CONCRETE CURB



PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



DRIVEWAY ENTRANCE CURB (9)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVE ENGINEER

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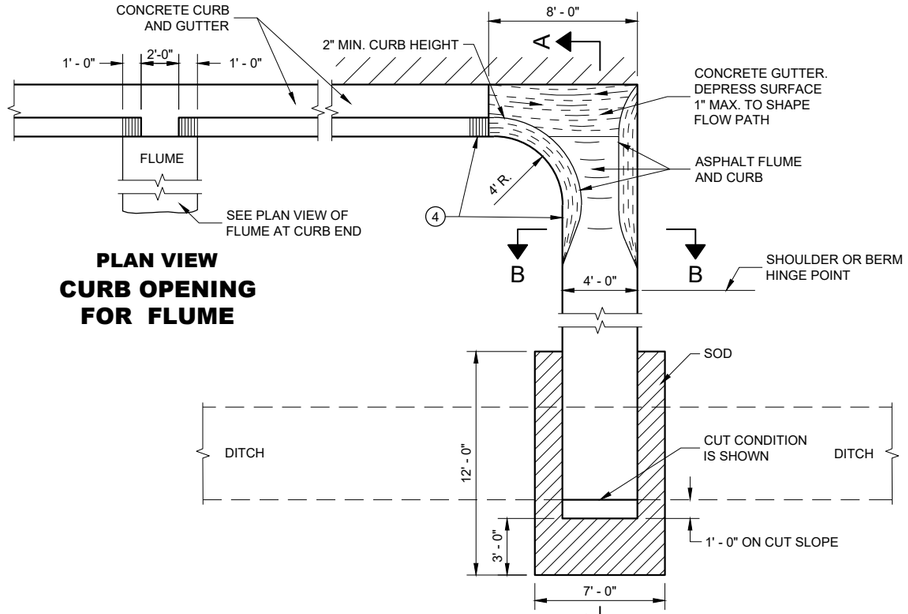
SDD08D01 - 22b

NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME

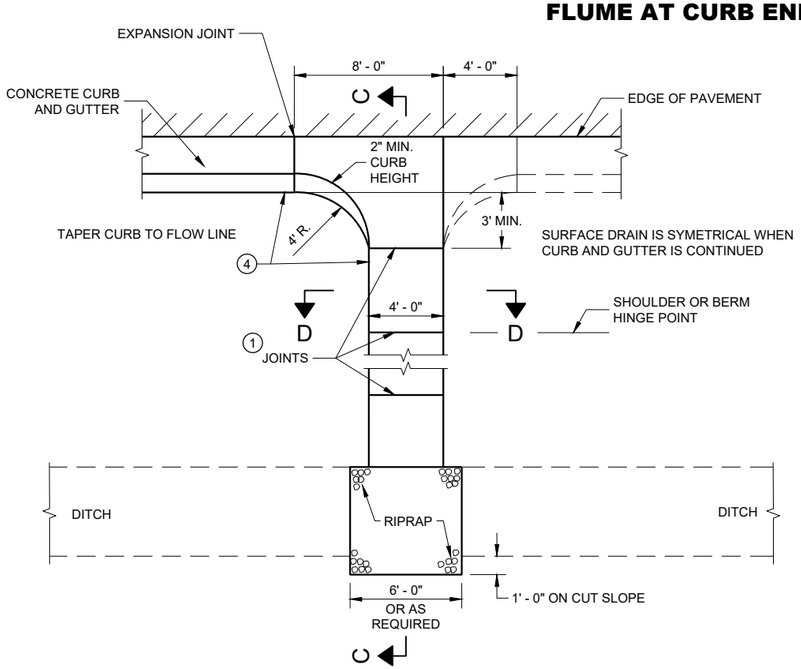


PLAN VIEW

CURB OPENING FOR FLUME

PLAN VIEW

FLUME AT CURB END



PLAN VIEW

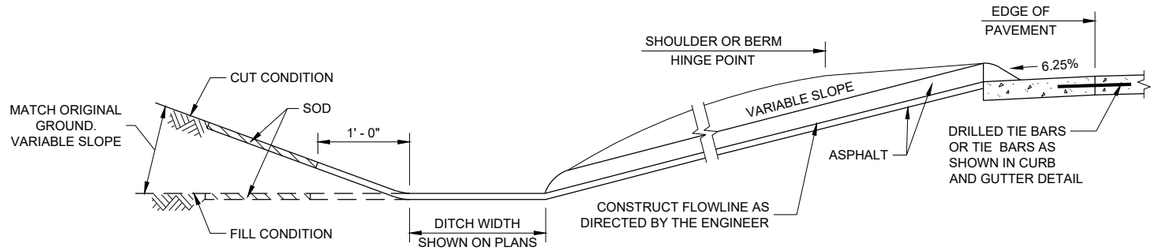
CONCRETE SURFACE DRAIN

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

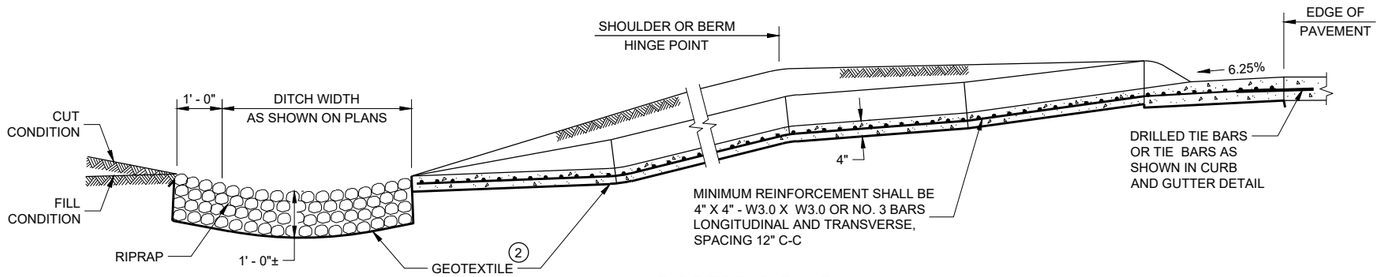
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

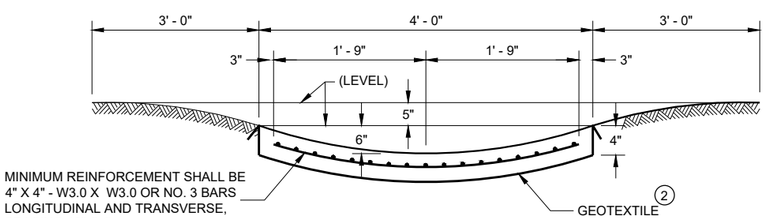


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

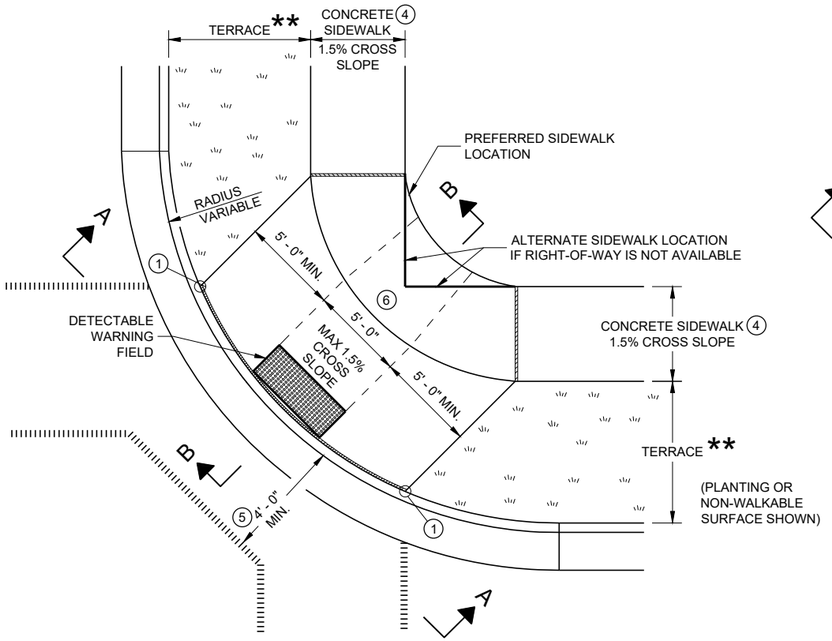
FHWA

6

SDD 08D04 - 06

6

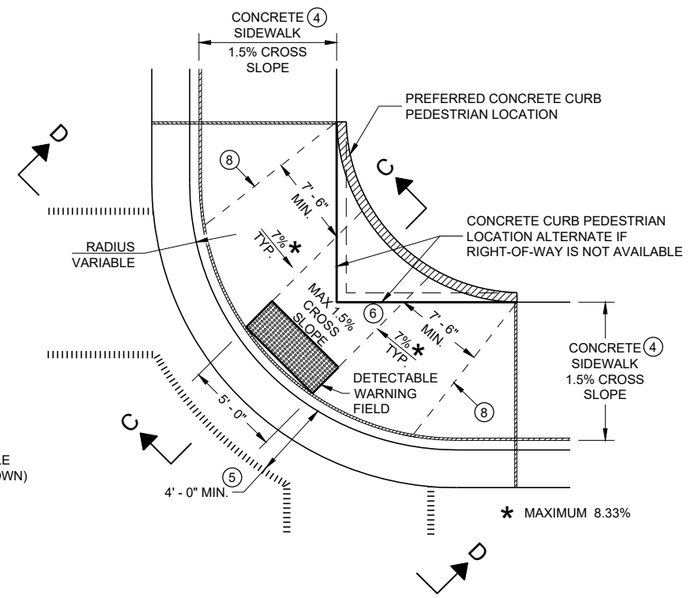
SDD 08D04 - 06



PLAN VIEW

CURB RAMP TYPE 1

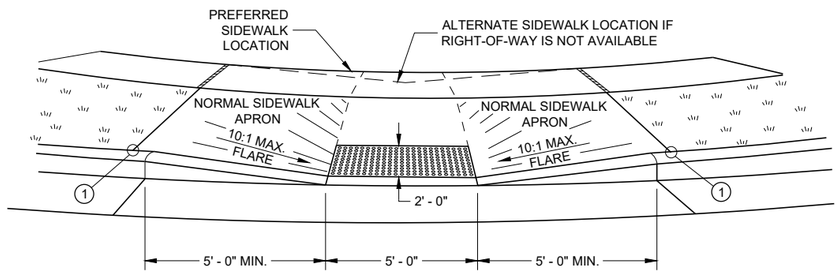
(CENTER OF CORNER RADIUS)



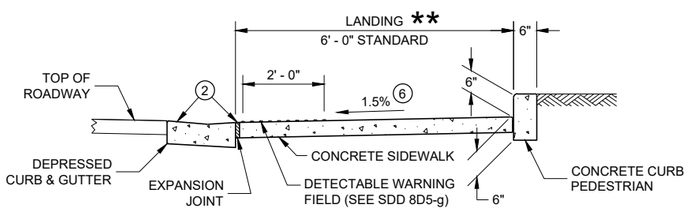
PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

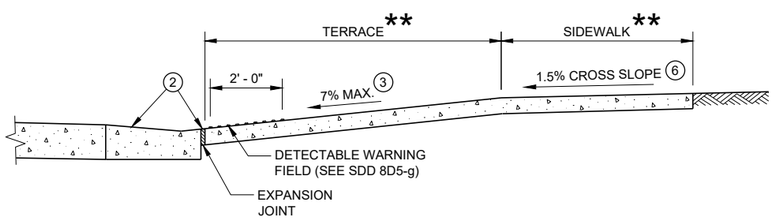


VIEW A - A FOR TYPE 1

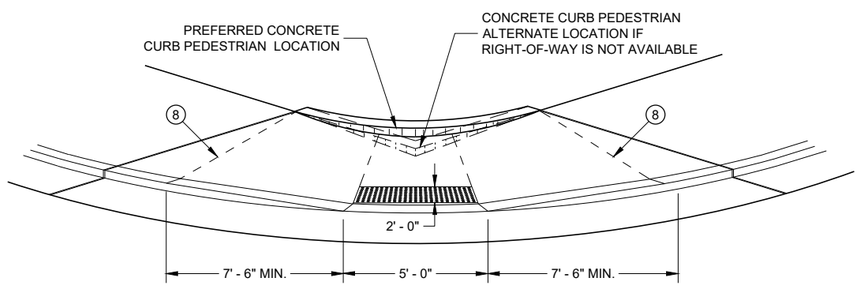


SECTION C - C FOR TYPE 1 - A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

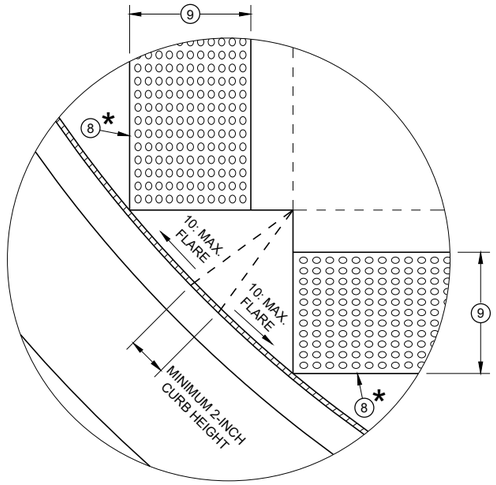
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPE 1 AND 1-A

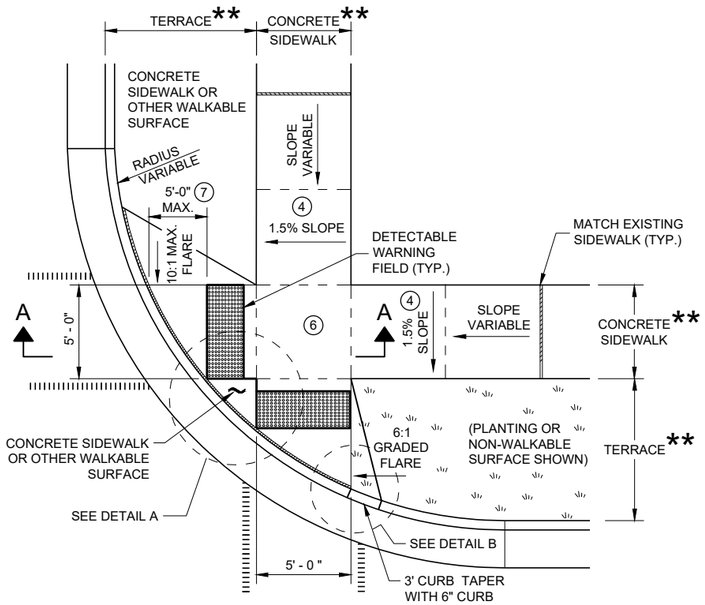
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05 - 20a

SDD 08D05 - 20a



DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

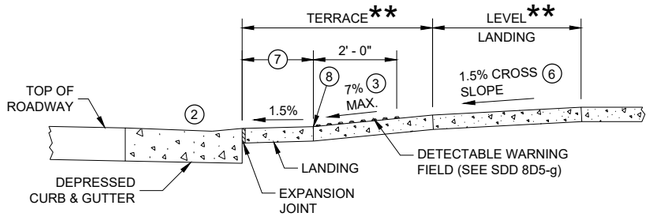
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

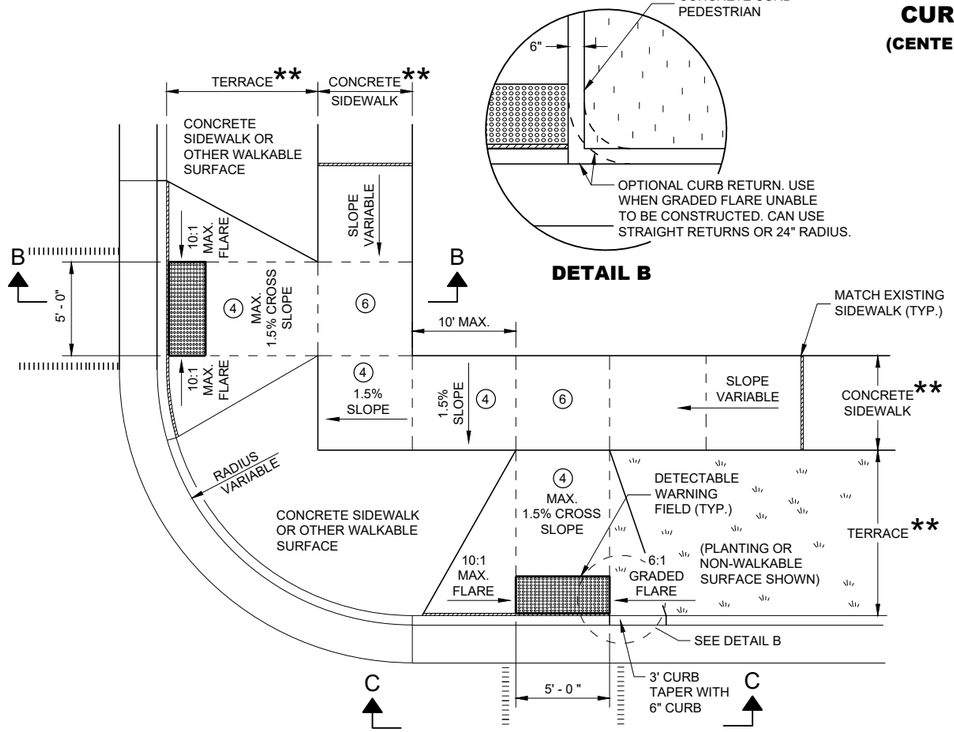
(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.



SECTION A - A FOR TYPE 2

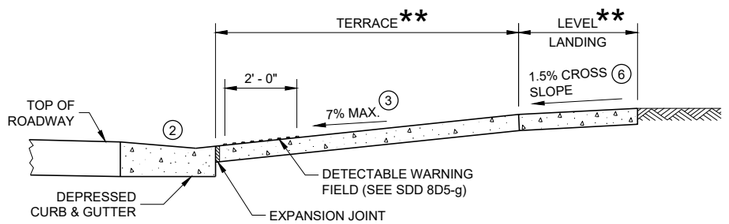
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

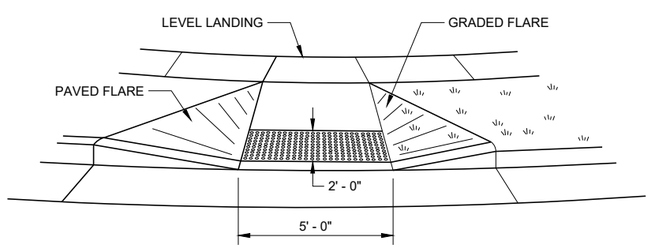


DETAIL B

PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 2 AND 3

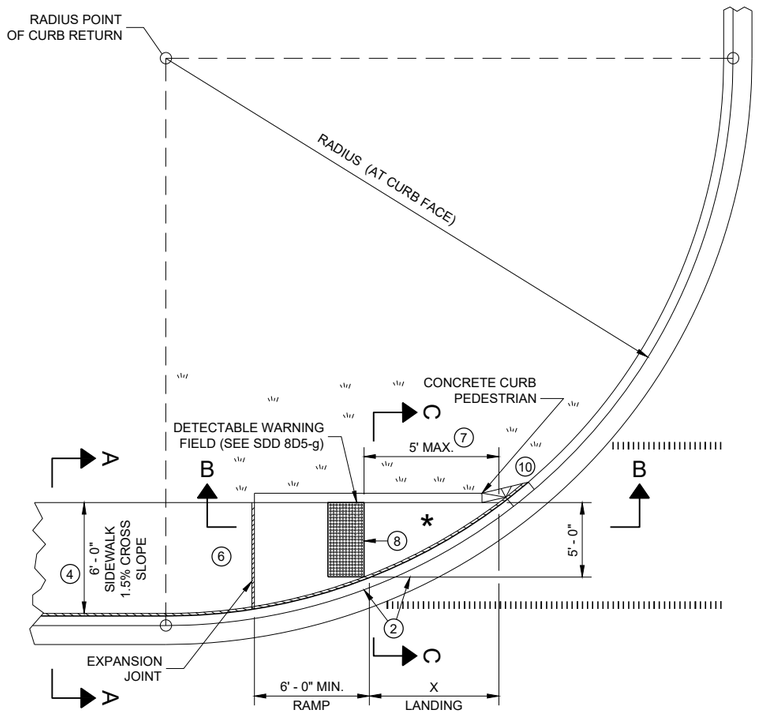
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D05 - 20b

6

SDD 08D05 - 20b

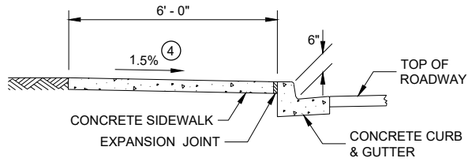


PLAN VIEW

CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"
15 FEET	6' - 5½"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

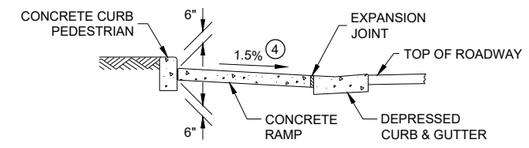
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

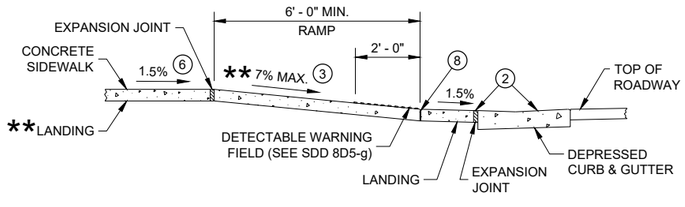
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)



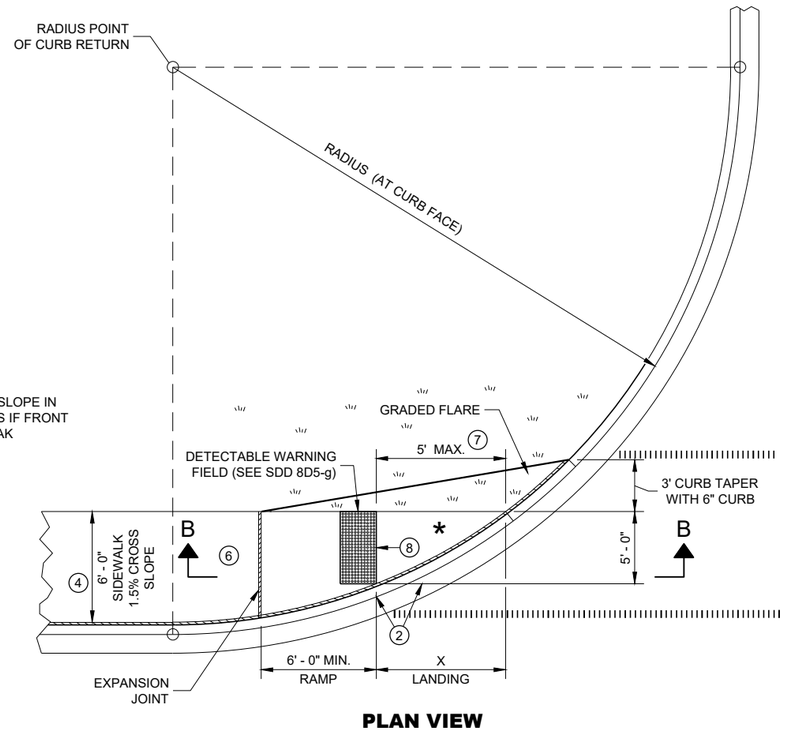
SECTION C - C FOR TYPE 4A



** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

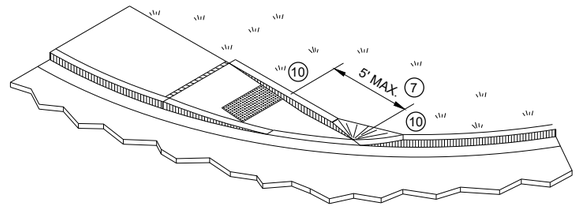
SECTION B - B FOR TYPE 4A AND TYPE 4A1

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

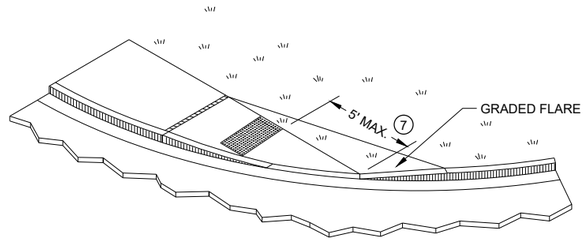


PLAN VIEW

CURB RAMP TYPE 4A1



ISOMETRIC VIEW FOR TYPE 4A



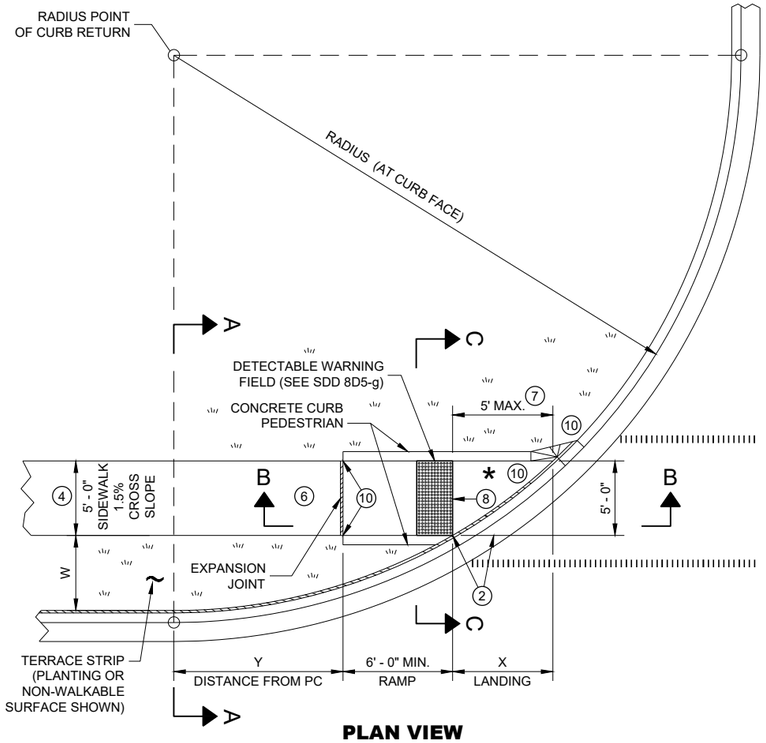
ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D05 - 20c

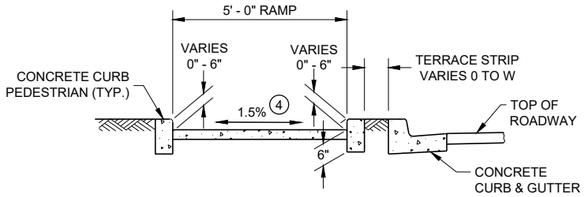


PLAN VIEW

CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 ¼"	0' - 5"	2' - 1"	1' - 4 ½"	1' - 5"	2' - 1"	0' - 10"	2' - 7 ½"	0' - 3 ¼"	3' - 0 ¼"						
15 FEET	4' - 6 ¾"	2' - 1 ¾"	3' - 9"	3' - 5 ¾"	3' - 1 ¼"	4' - 6"	2' - 6 ¾"	5' - 4 ½"	2' - 1"	6' - 1"	1' - 8"	6' - 8 ½"	1' - 3 ¼"	7' - 2 ½"	0' - 10 ¾"	7' - 7 ¼"
20 FEET	5' - 9 ¾"	3' - 6 ½"	4' - 11 ½"	5' - 1 ¾"	4' - 3 ¼"	6' - 5 ½"	3' - 8 ¾"	7' - 7"	3' - 3"	8' - 6 ½"	2' - 10"	9' - 4 ½"	2' - 5 ½"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"
30 FEET			6' - 9 ¼"	7' - 11 ¼"	6' - 0 ¼"	9' - 8"	5' - 5"	11' - 1 ¾"	4' - 10 ¾"	12' - 5 ¾"	4' - 5 ½"	13' - 7 ¾"	4' - 0 ¾"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
40 FEET									6' - 1 ¾"	15' - 8 ½"	5' - 8"	17' - 2"	5' - 3"	18' - 5 ¾"	4' - 10 ¾"	19' - 8 ¼"
50 FEET															5' - 10 ¼"	23' - 2"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

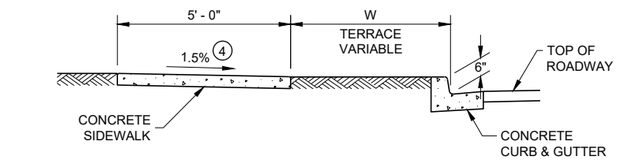
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

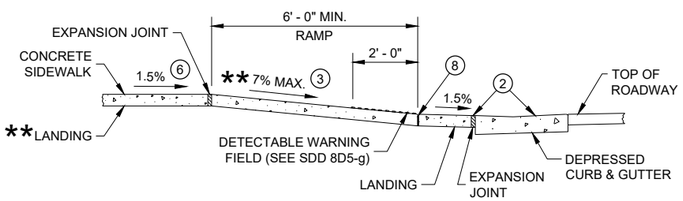
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



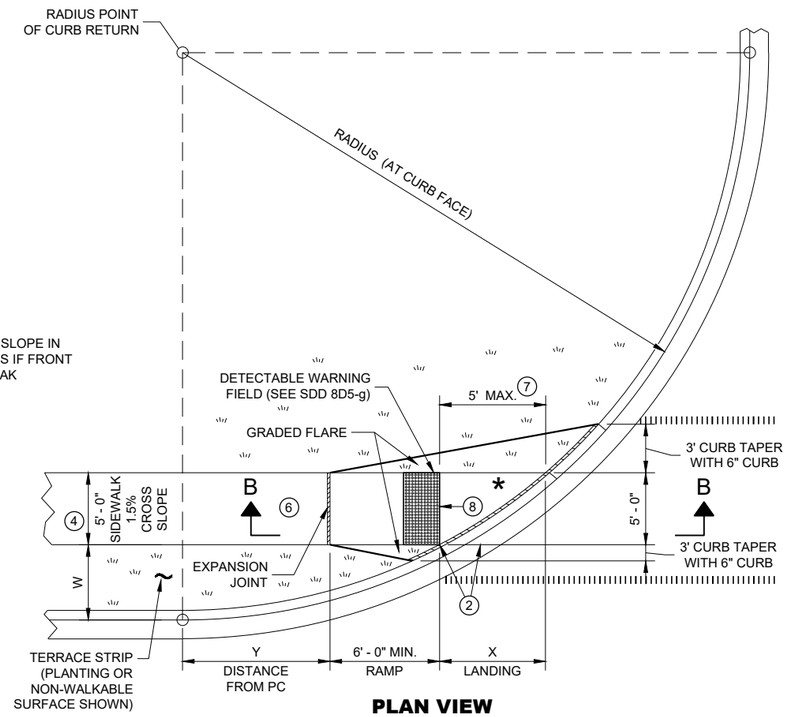
SECTION A - A FOR TYPE 4B



SECTION B - B FOR TYPE 4B AND TYPE 4B1

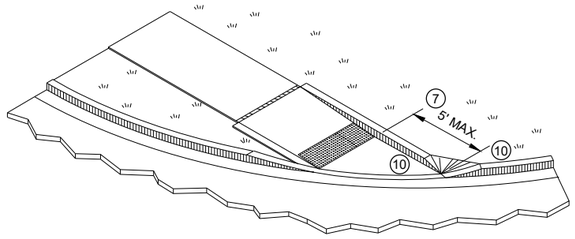
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

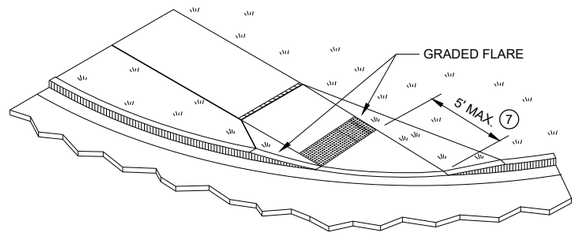


PLAN VIEW

CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B

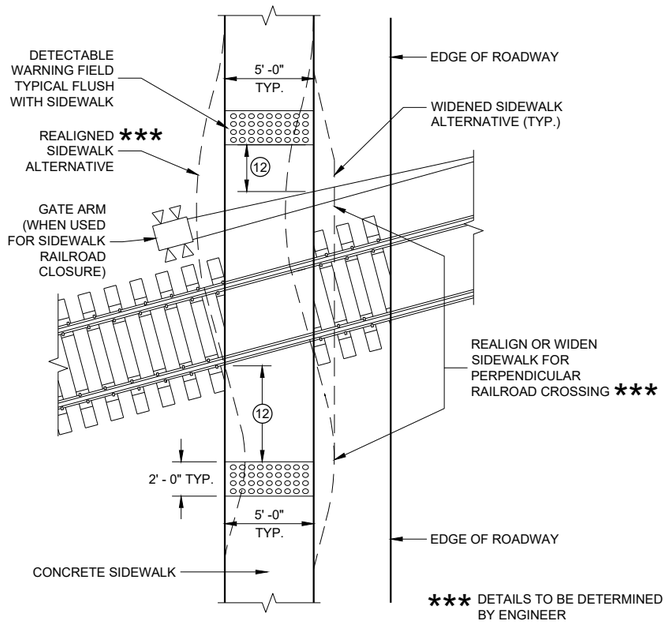


ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS TYPE 4B AND 4B1

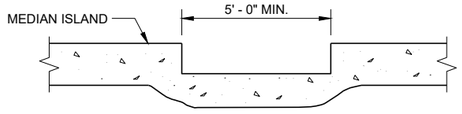
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05 - 20d

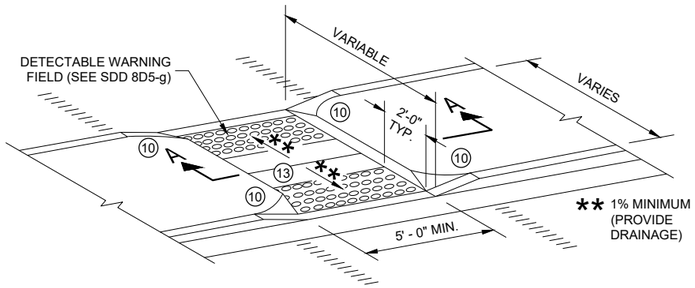


CURB RAMP TYPE 8

DETECTABLE WARNINGS AT RAILROAD CROSSING



SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ½ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

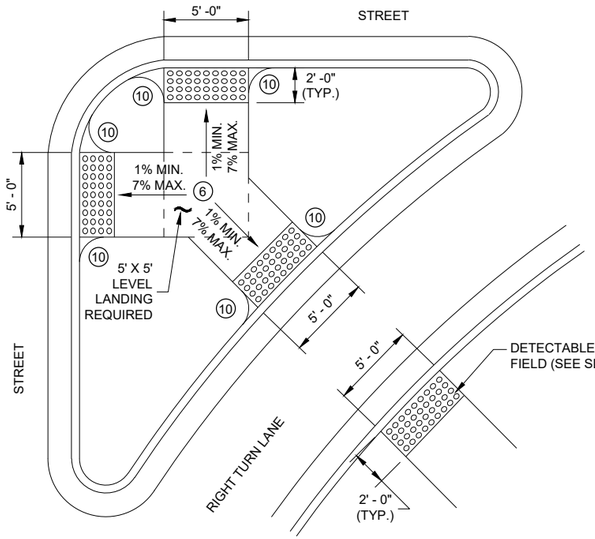
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

LEGEND

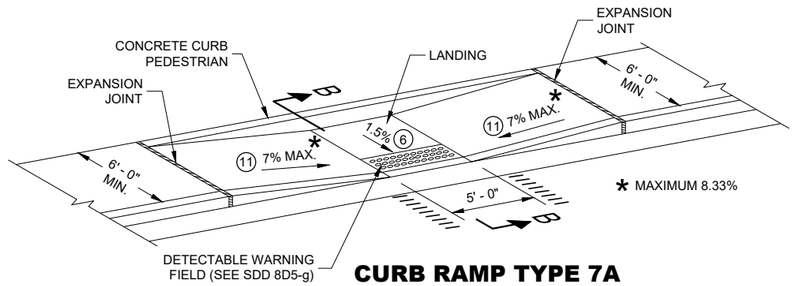
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

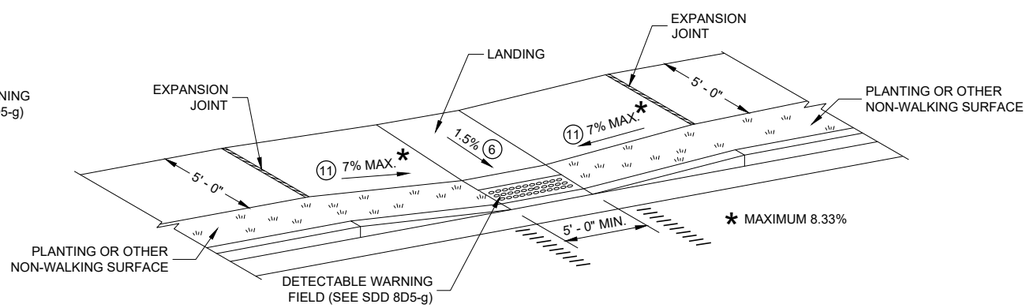
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7A

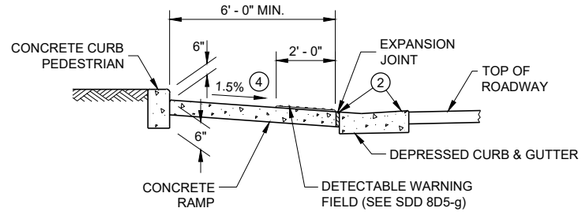
MID BLOCK CROSSING



CURB RAMP TYPE 7B

MID BLOCK CROSSING

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.



SECTION B - B FOR TYPE 7A

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

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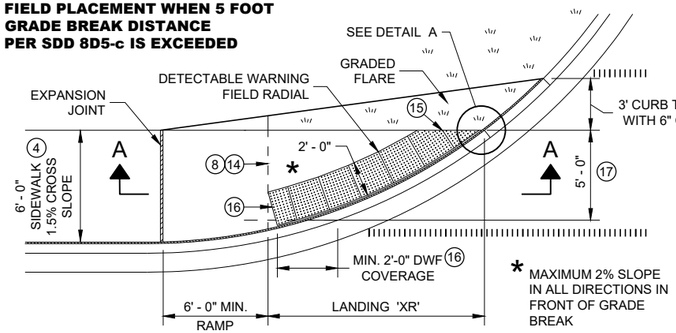
SDD 08D05 - 20e

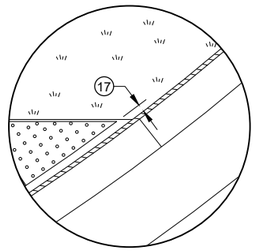
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



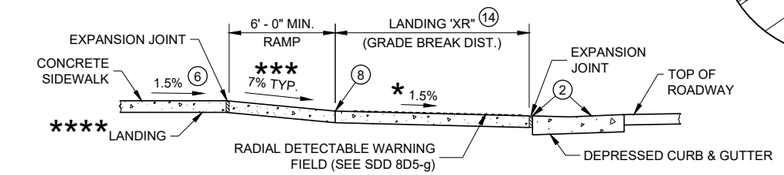
PLAN VIEW

CURB RAMP TYPE 4A1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL A

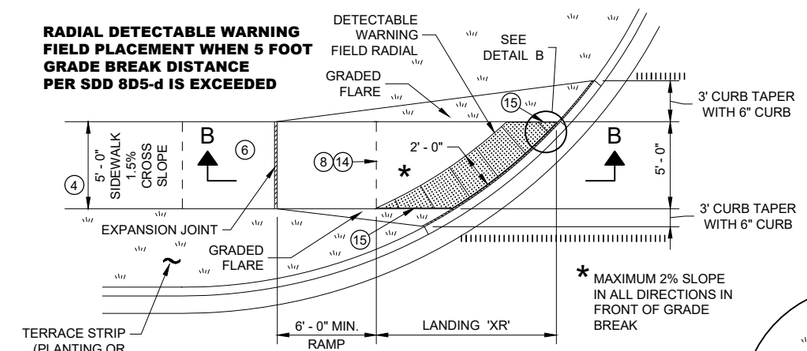


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1

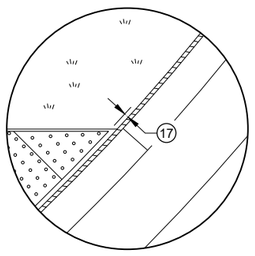
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



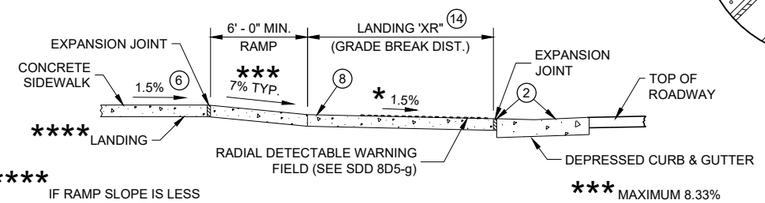
PLAN VIEW

CURB RAMP TYPE 4B1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION B - B FOR TYPE 4B1

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

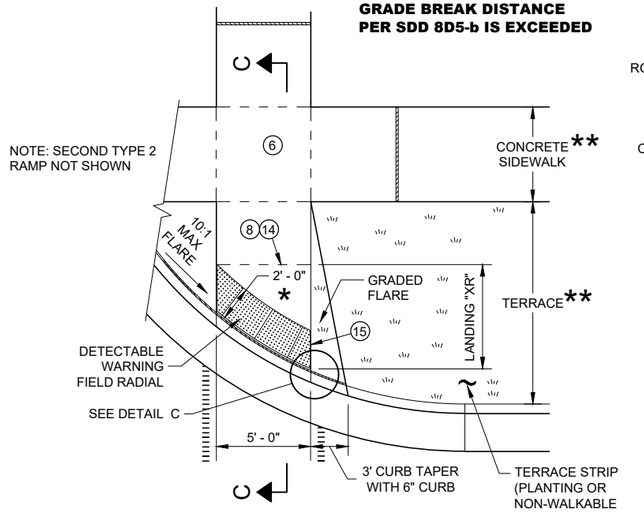
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

(17) A MAXIMUM 3 INCH CONCRETE BORDER WITH IS ALLOWABLE IN FROM OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

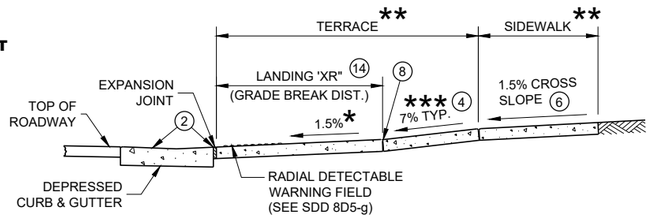


PLAN VIEW

CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)

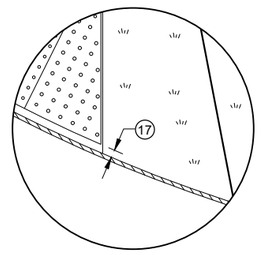


SECTION C - C FOR TYPE 2

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%



DETAIL C

CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS

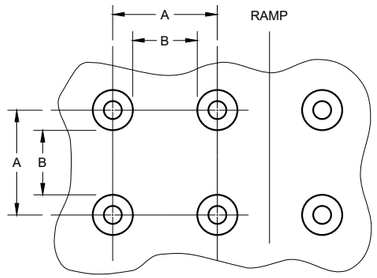
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05 - 20f

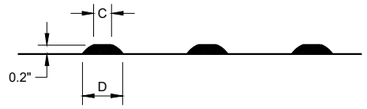
SDD 08D05 - 20f

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

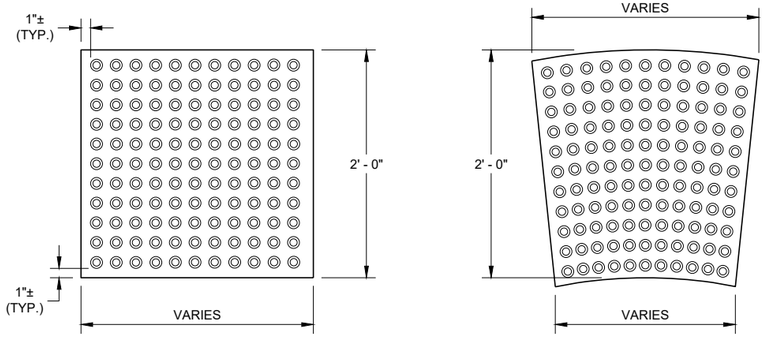


PLAN VIEW



ELEVATION VIEW

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

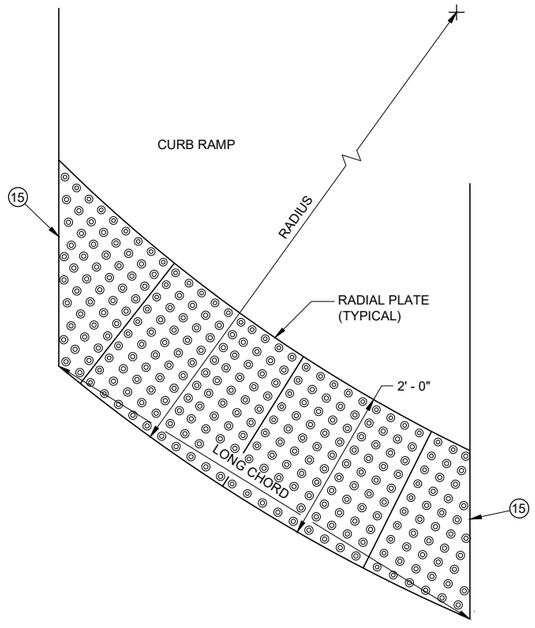
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

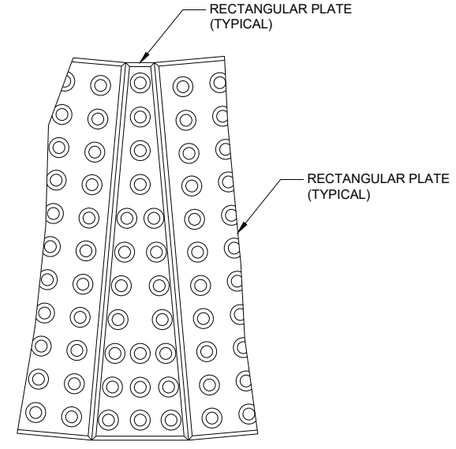
REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE UNIT SUPERVISOR

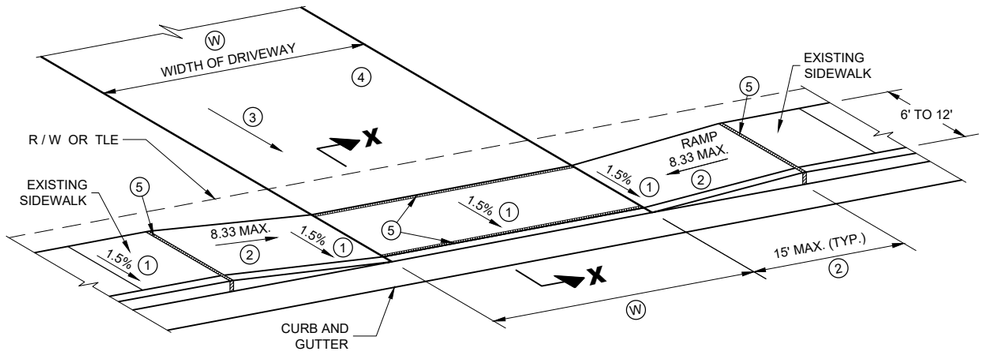
FHWA

6

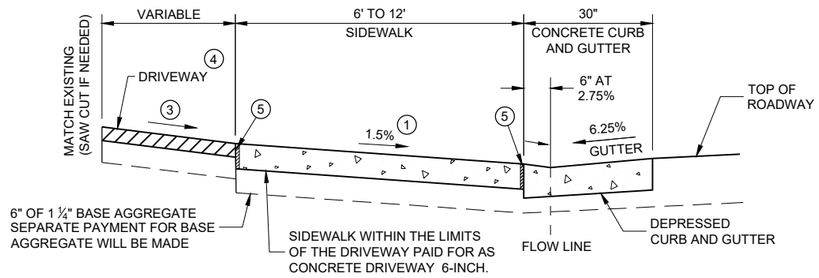
SDD 08D05 - 20g

6

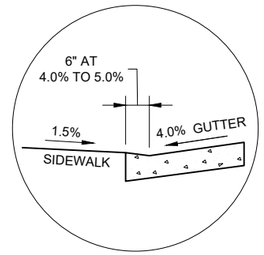
SDD 08D05 - 20g



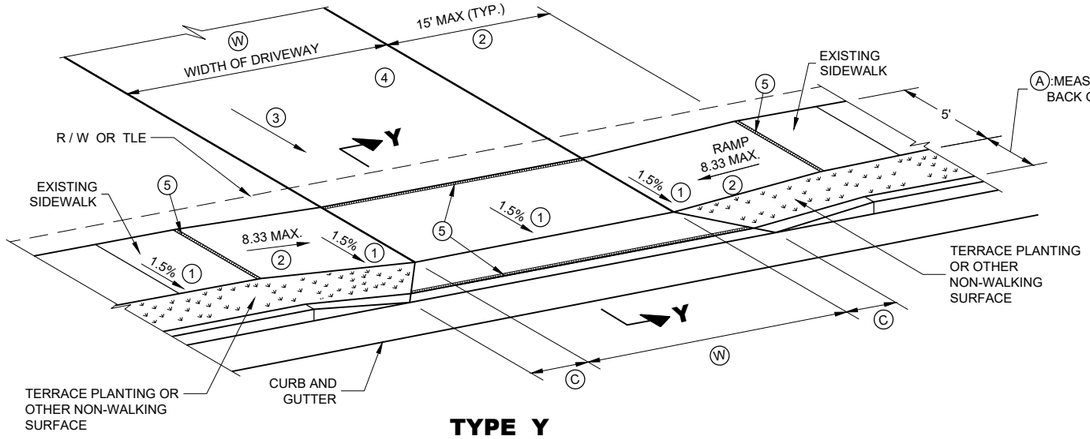
TYPE X
SIDEWALK ABUTS CURB AND GUTTER
TERRACE VARIES 0 TO 3 FEET



SECTION X - X



SECTION X - X
4% GUTTER SLOPE



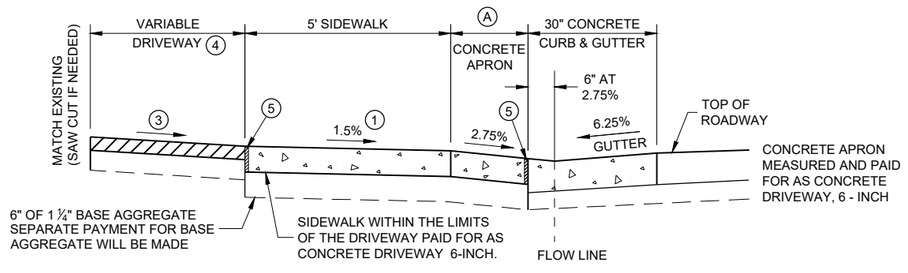
TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET

W: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

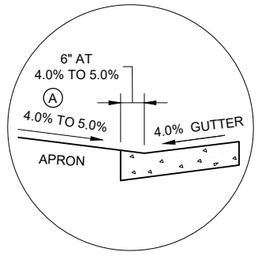
16' MIN. - 35' MAX. COMMERCIAL (CE)

TABLE Y

Ⓐ FEET	Ⓒ FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS



SECTION Y - Y
4% GUTTER SLOPE

SECTION Y - Y
DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

① CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

② THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

③ DRIVEWAY SLOPES: DESIRABLE MAXIMUM
10.5% UP AWAY FROM SIDEWALK (SAG)
8.5% DOWN AWAY FROM SIDEWALK (CREST)
ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

④ DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

⑤ ½" EXPANSION JOINT FILLER

DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y

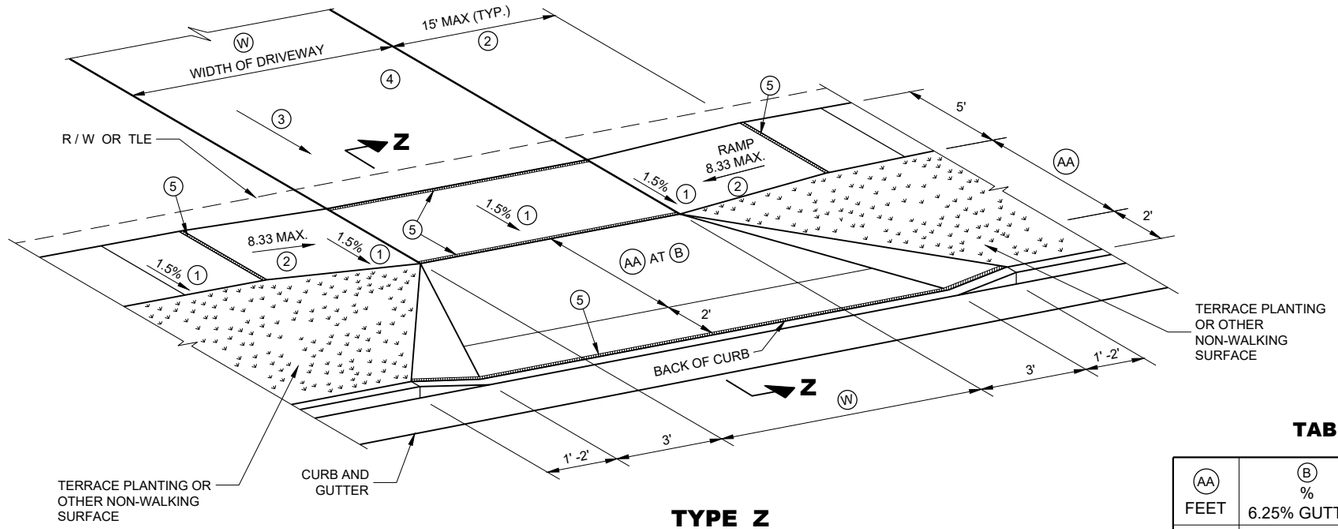
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

SDD 08D18 - 03

SDD 08D18 - 03



TYPE Z
SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

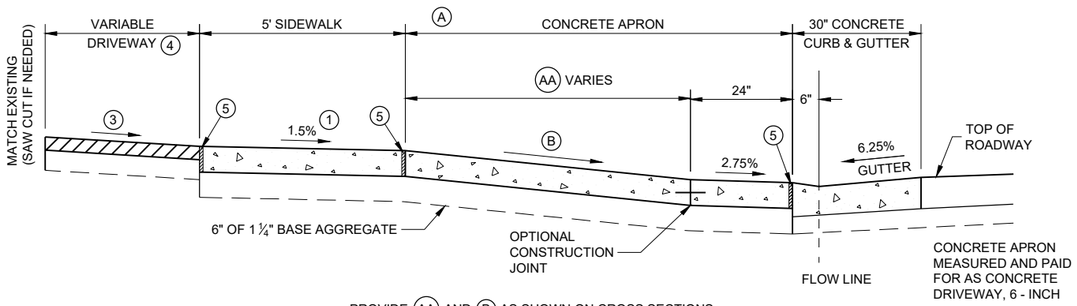
(5) ½" EXPANSION JOINT FILLER.

TABLE Z

(AA) FEET	(B) % 6.25% GUTTER	(B) % 4% GUTTER
4.5'	11.5%	9% TO 11.5%
5.5'	9% TO 11.5%	8% TO 11.5%
6.5'	8% TO 11.5%	6% TO 11.5%
7.5'	7% TO 11.5%	6% TO 11.5%
8.5'	6% TO 11.5%	5% TO 11.5%
9.5'	5% TO 11.5%	4% TO 11.5%

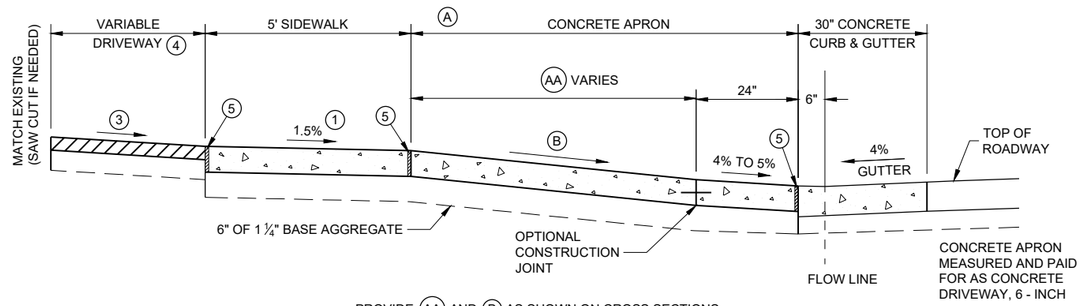
Ⓦ: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

6.25% GUTTER SLOPE



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

4% GUTTER SLOPE

NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS FOR (B) VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY 6-INCH.

SEPARATE PAYMENT FOR BASE AGGREGATE WILL BE MADE.

SECTION Z - Z

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER

(URBAN AND SUBURBAN)

DRIVEWAY AND SIDEWALK RAMPS TYPE Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

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SDD 08D19 - 03

GENERAL NOTES

A MAXIMUM RADIUS OF 10 FEET SHALL BE USED FOR NON-COMMERCIAL PRIVATE ENTRANCES. RADII FOR COMMERCIAL DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER BASED ON TRAFFIC AND DRIVEWAY PERMIT RESTRICTIONS.

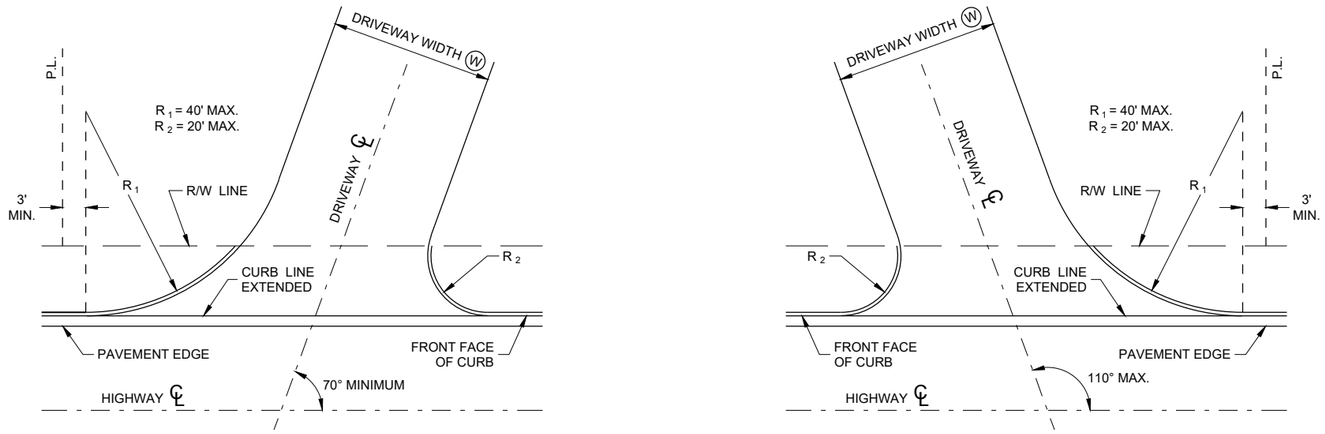
THE MINIMUM ANGLE OF INTERSECTION BETWEEN THE DRIVEWAY AND HIGHWAY CENTERLINES SHALL BE 70°.

ALL CURVILINEAR PRIVATE ENTRANCE OUTLINES SHALL BE CONTAINED WITHIN THE HIGHWAY R/W.

NO DRIVEWAY SHALL BE BUILT WITHIN 3 FEET OF THE PROPERTY LINE EXCEPT FOR EXISTING JOINT DRIVEWAY SHARED BY TWO OWNERS.

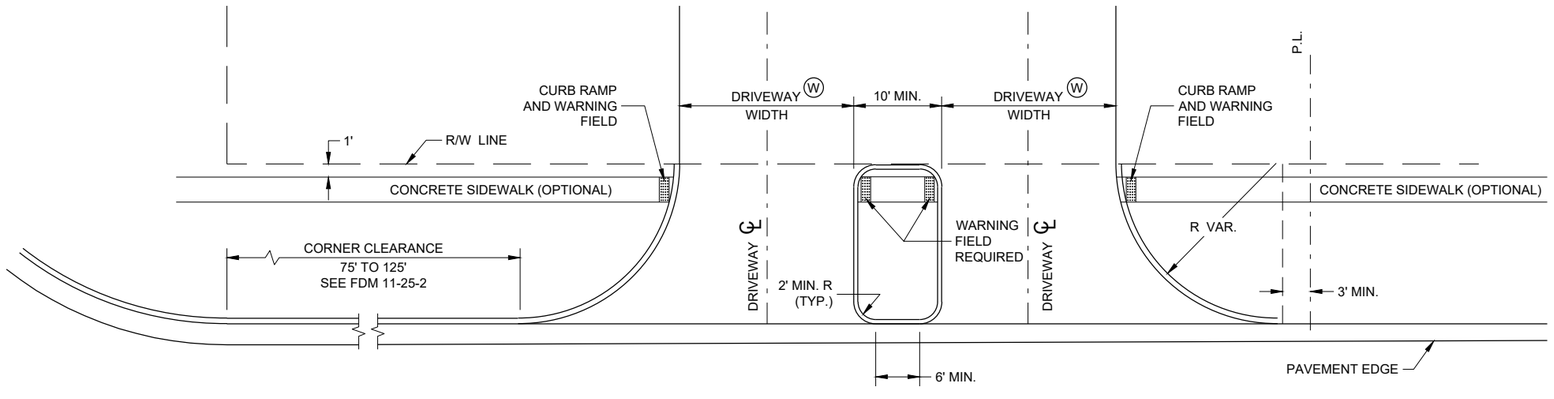
Ⓦ: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



SKEWED DRIVEWAY DETAILS (COMMERCIAL AND NON-COMMERCIAL)

SIDEWALK NOT SHOWN



DRIVEWAY LOCATION AND SPACING DETAILS

SIDEWALK SHOWN

DRIVEWAYS WITH CURB AND GUTTER RETURNS

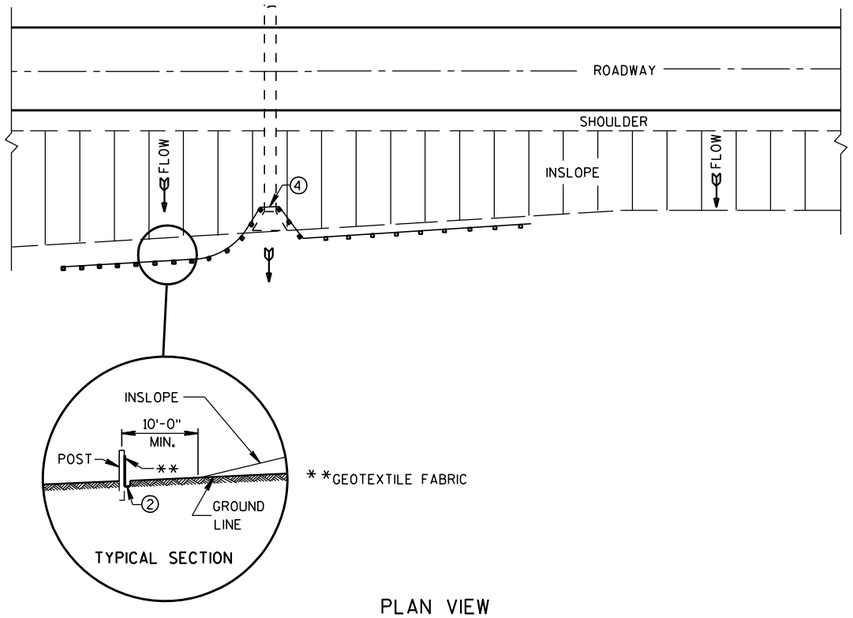
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
00-00-00 — DATE
/S/ <AUTHOR> — ROADWAY STANDARDS DEVE ENGINEER

FHWA

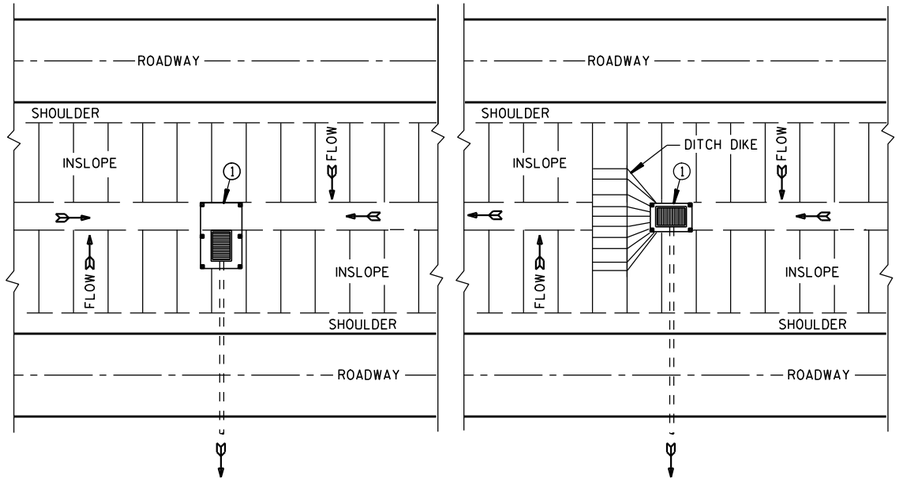
SDD 08D20 - 01

SDD 08D20 - 01



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



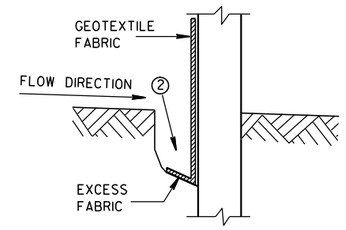
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

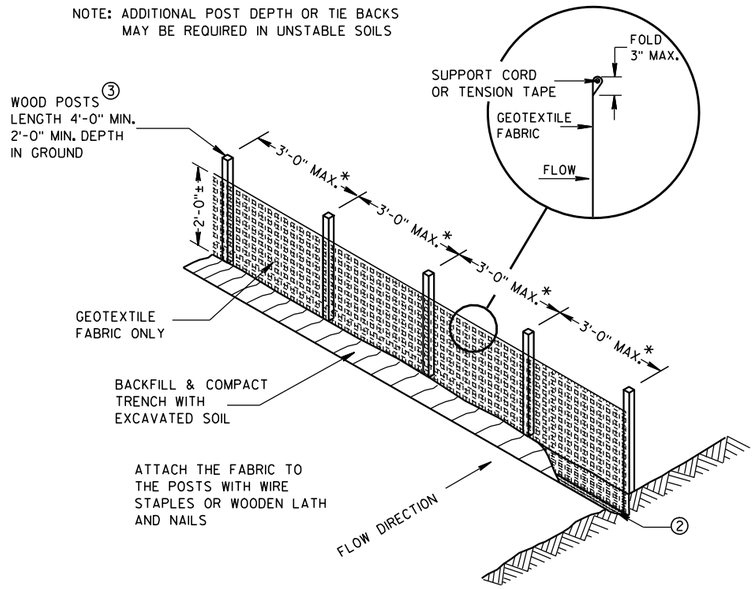
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

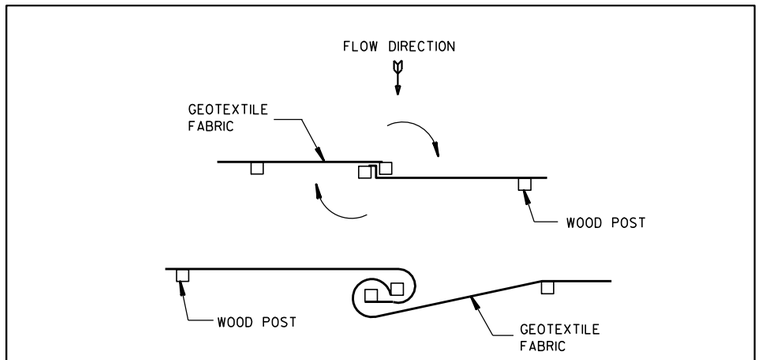
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



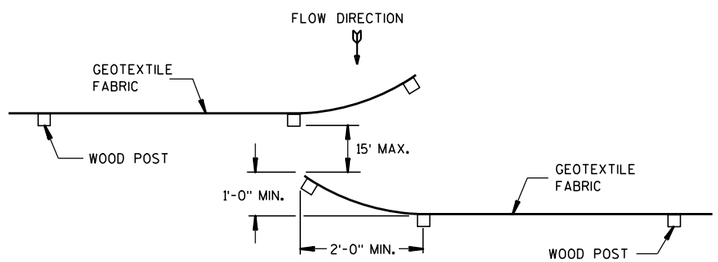
TRENCH DETAIL



SILT FENCE

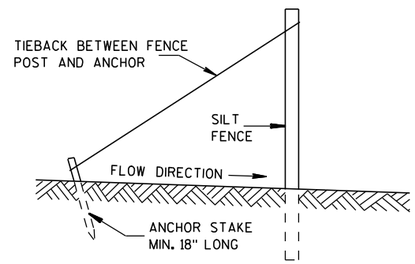


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 E 9-6

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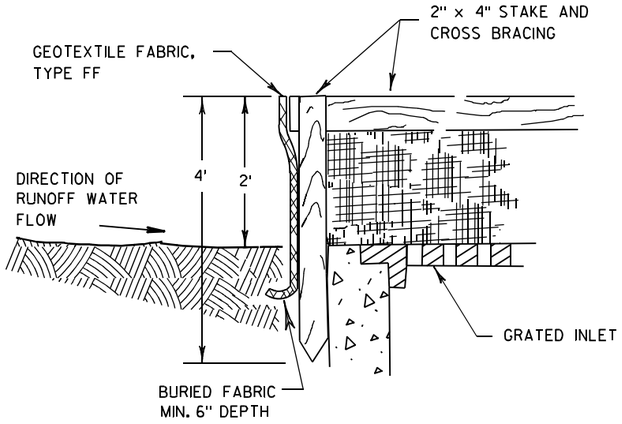
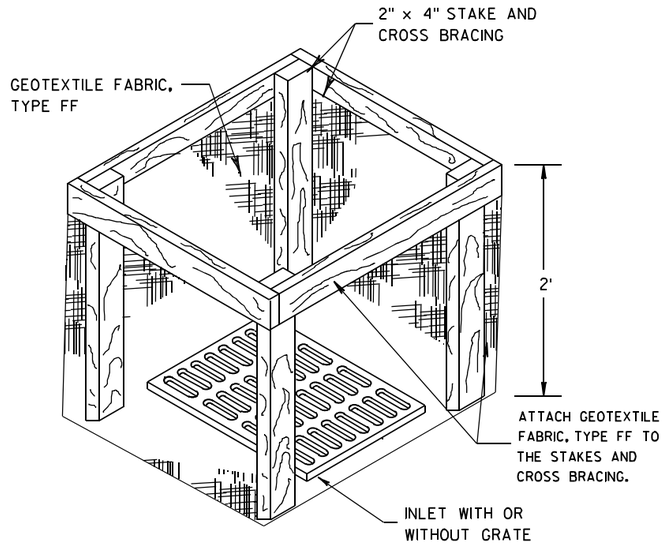
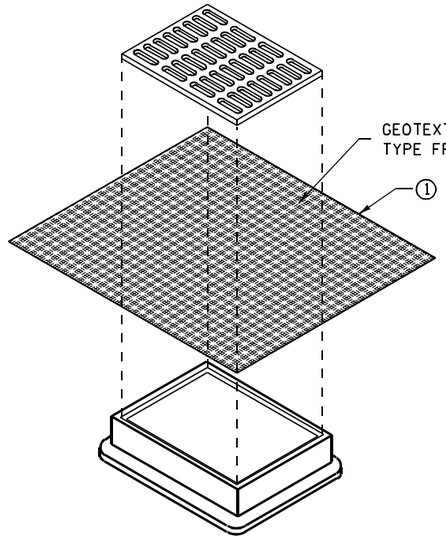
S.D.D. 8 E 9-6



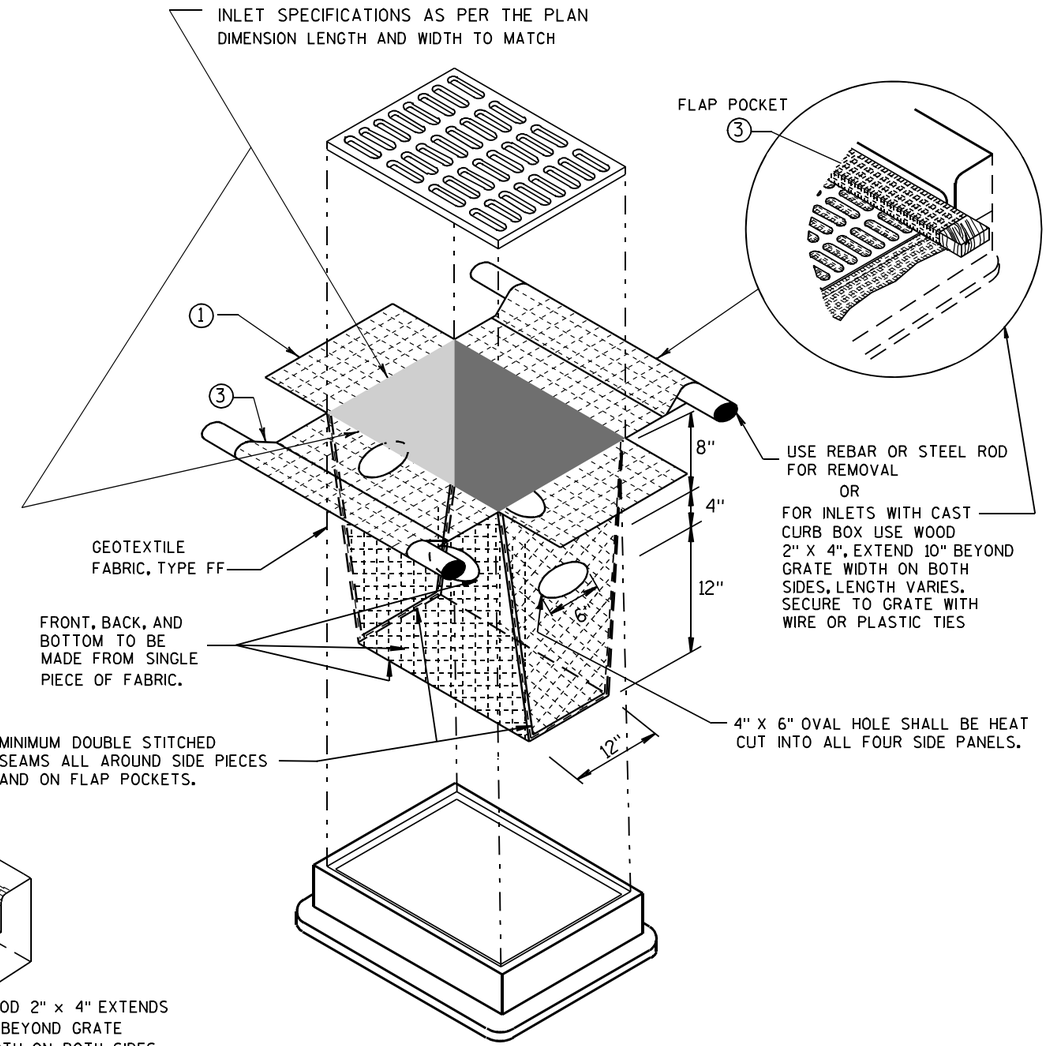


INLET PROTECTION, TYPE A



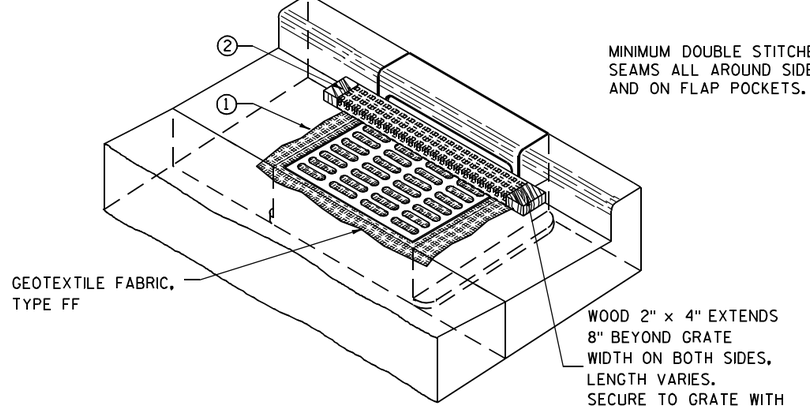
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)



INLET PROTECTION, TYPE C (WITH CURB BOX)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

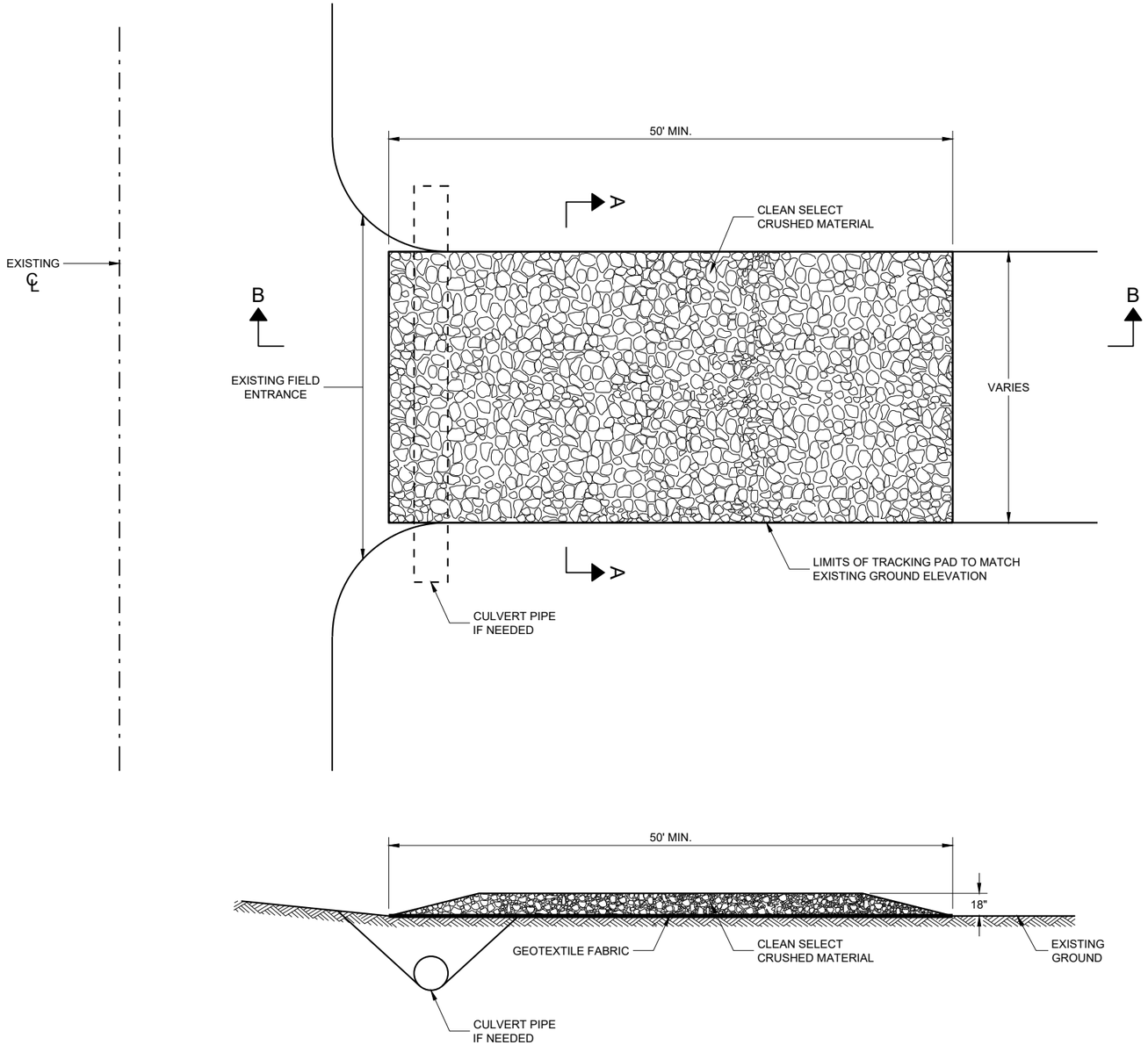
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



SECTION B - B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

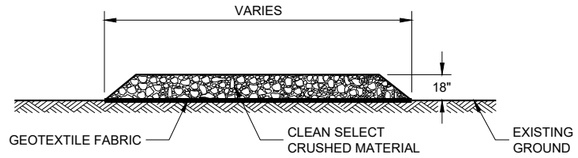
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A

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SDD 08E14 - 01

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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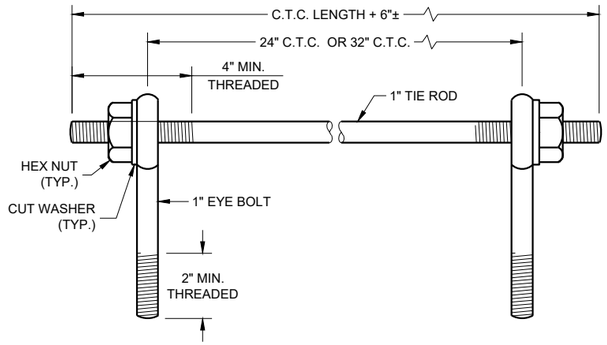
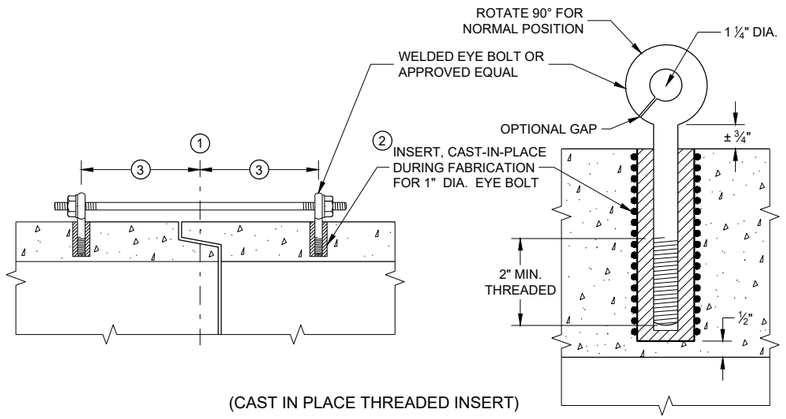


EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

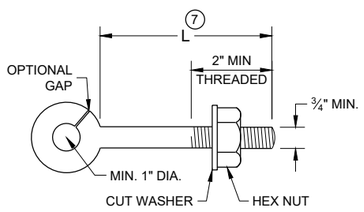
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

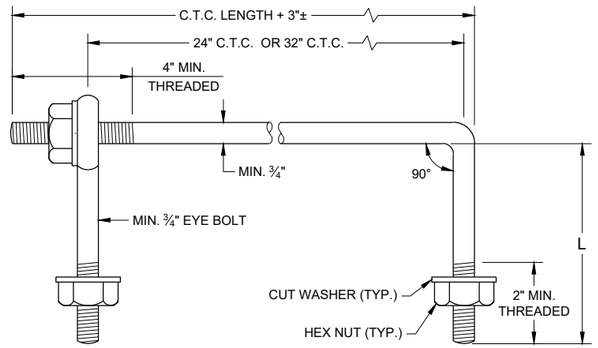
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

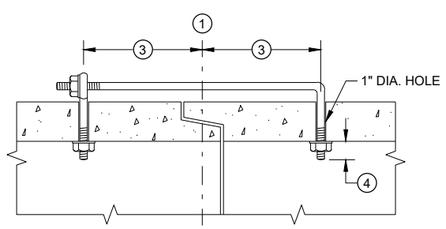


EYE BOLT (7)

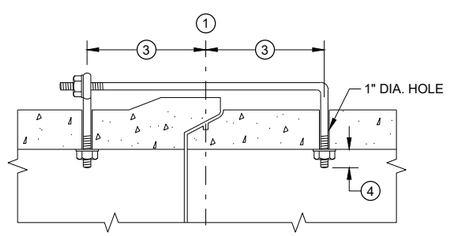
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

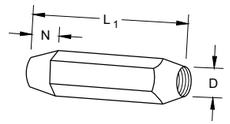
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

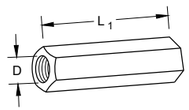
EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

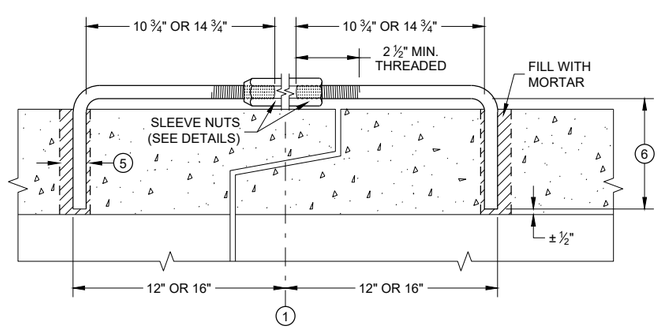
DIMENSIONS SHOWN ARE IN INCHES





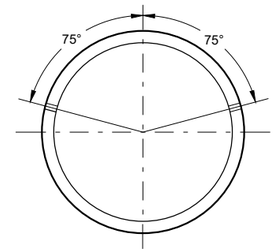
RIGHT AND LEFT THREADS

SLEEVE NUTS



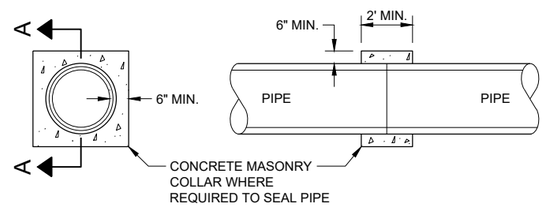
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

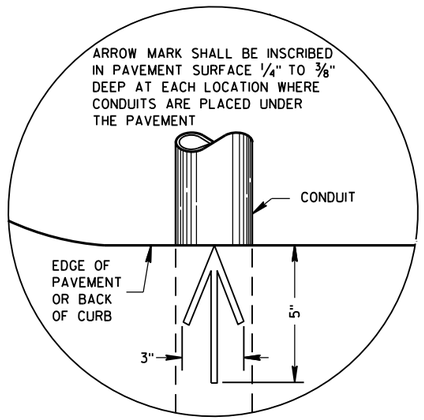
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

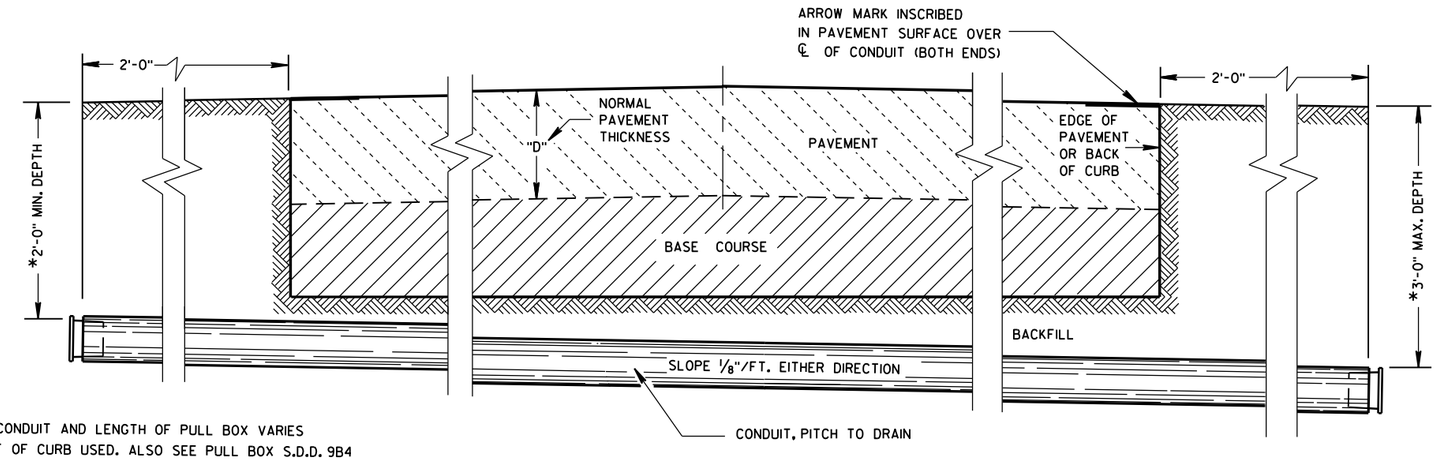
SDD 08F04 - 08

SDD 08F04 - 08



PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

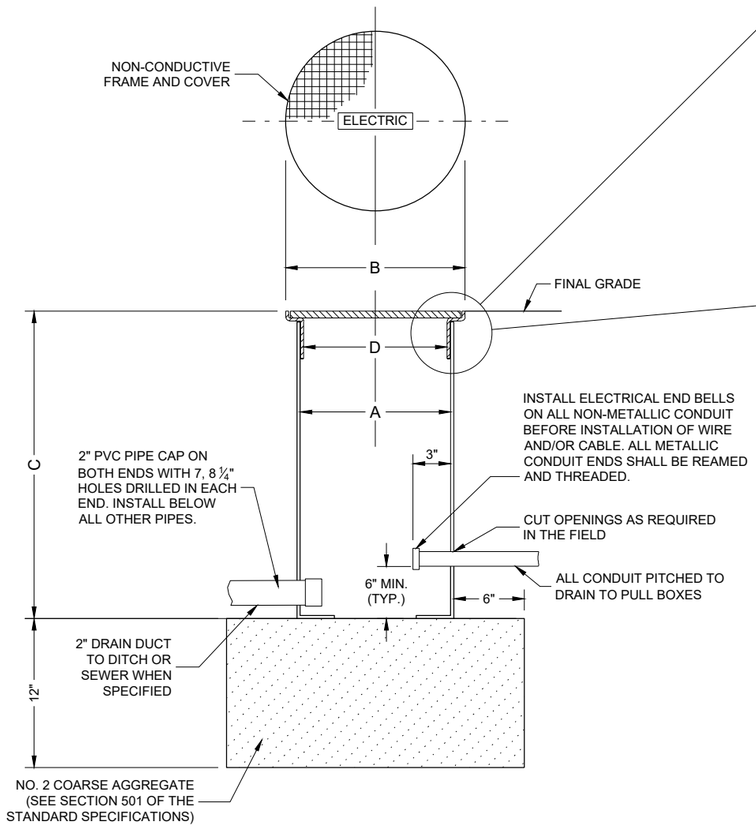
S.D.D. 9 B 2-10

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

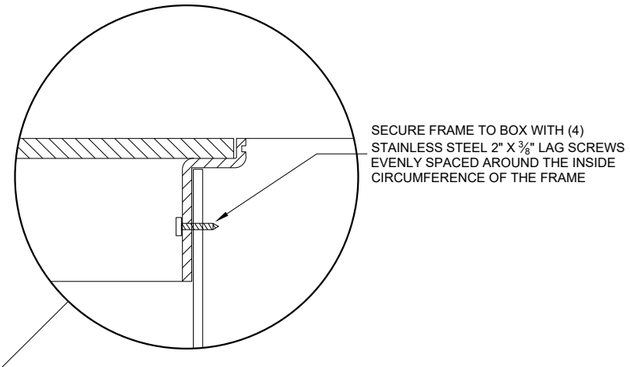
DIMENSION IN INCHES		NON- CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX OVERALL OUTSIDE DIAMETER	B	27	27
BOX LENGTH	C	36	42
FRAME OPENING	D	22 ½	22 ½
WEIGHT IN POUNDS *			
COVER		50	50
BOX ONLY		75	85

* THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

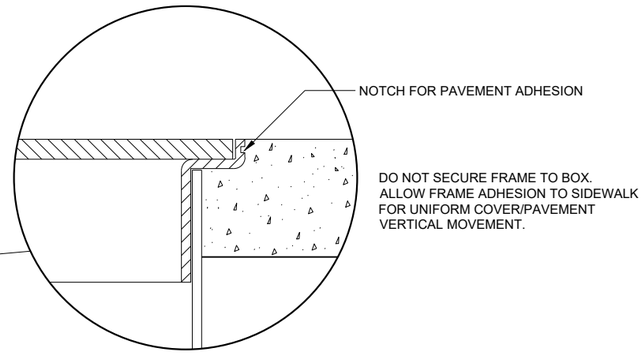
** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE.



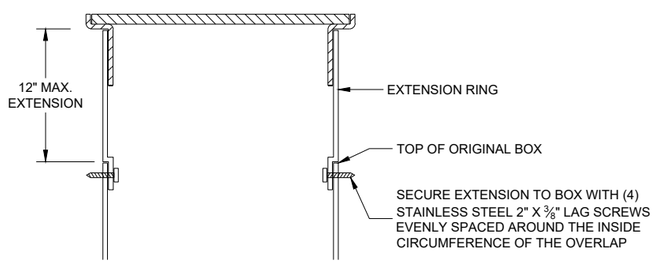
NON-CONDUCTIVE PULL BOX



INSTALLED IN SOD OR CRUSHED AGGREGATE



INSTALLED IN SIDEWALK



BOX EXTENSION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL BOXES, FRAMES AND COVERS SHALL BE SUITABLE FOR TIER 15 LOADING AS SPECIFIED IN ANSI/SCTE 77.

PROVIDE AN OPENING FOR TOOL ASSISTED COVER REMOVAL NOT LARGE ENOUGH TO PERMIT PASSAGE OF A SPHERE MORE THAN ½" DIAMETER

ENSURE COVER SURFACE IS SKID RESISTANT WITH A COEFFICIENT OF FRICTION OF AT LEAST 0.5 AND VERTICAL SURFACE DICONTINUITIES LESS THAN ¼".

COVER SHALL BE MAGNETICALLY LOCATABLE.

BOXES AND EXTENSIONS ARE TRIMMABLE FOR CUSTOM LENGTHS. TRIMMED PIECES SHALL MAINTAIN A UNIFORM LENGTH.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN ¼".

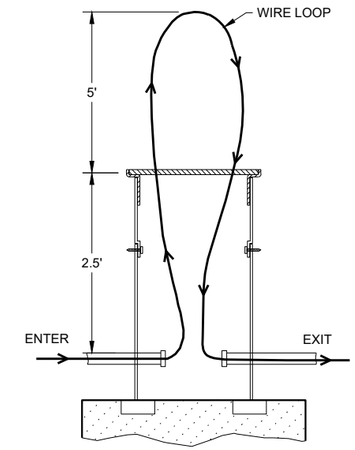
THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

ENTIRE BOX MUST BE CONSTRUCTED OF NON-CONDUCTIVE MATERIALS WITH THE EXCEPTION OF STAINLESS STEEL FASTENERS AND MAGNETIC LOCATABLE DEVICE.

WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE.

LABEL ON COVER SHALL READ "ELECTRIC" FOR SIGNAL AND LIGHTING SYSTEMS, "WISDOT ITS" FOR COMMUNICATIONS AND ITS EQUIPMENT SYSTEMS.



MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX

PULL BOXES NON-CONDUCTIVE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

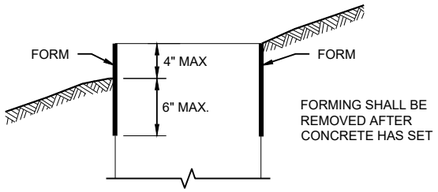
APPROVED
May 2022
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 406

FHWA

6
SDD 09B16 - 02

FORM DEPTH SHALL BE NO MORE THAN 6" BELOW GRADE ON THE LOWER SIDE OF BASE



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWINGSHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FRO FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2, TYPE 5 AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER ALL BASE TYPES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

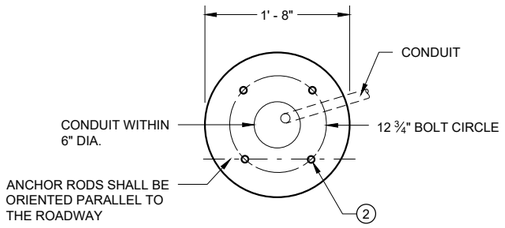
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

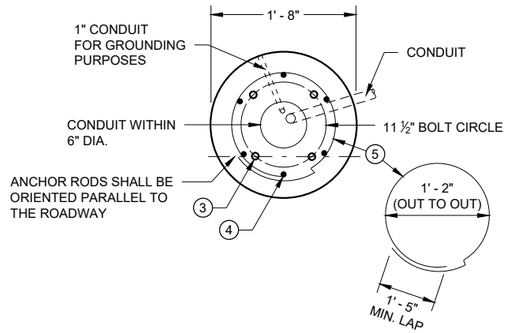
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

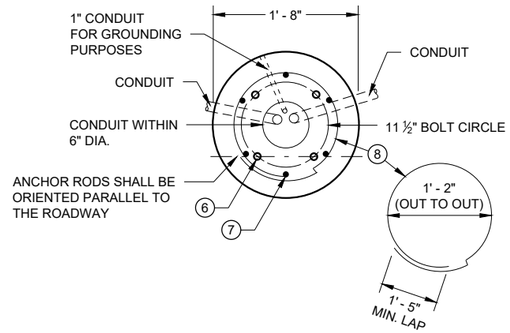
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).







1 THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

2 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

3 (4) 1" DIA. X 5' - 0" ANCHOR RODS.

4 (6) NO. 6 X 6' - 8" BAR STEEL REINFORCEMENT.

5 (7) NO. 4 X 5' - 1" BAR STEEL REINFORCEMENT @ 1' - 0" C - C.

6 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

7 (6) NO. 4 X 4' - 8" BAR STEEL REINFORCEMENT.

8 (5) NO. 4 X 5' - 1" BAR STELL REINFORCEMENT @ 1' - 0" C -C.

9 EXOTHERMIC CONNECTION TO EUIPMENT GROUNDING CONDUCTOR

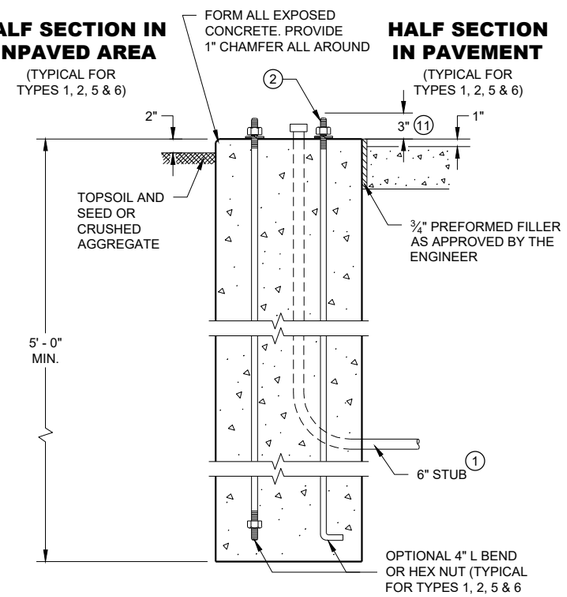
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

11 ANY ANCHOR ROD PROJECTION SHORTER THAN 2 ¾" OR LONGER THAN 3 ¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

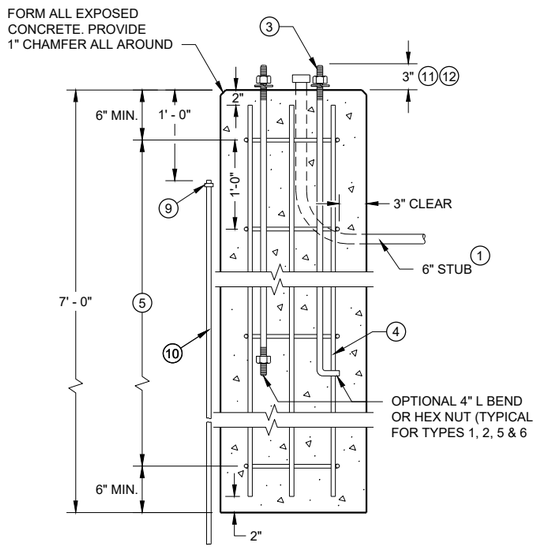
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



TYPE 1



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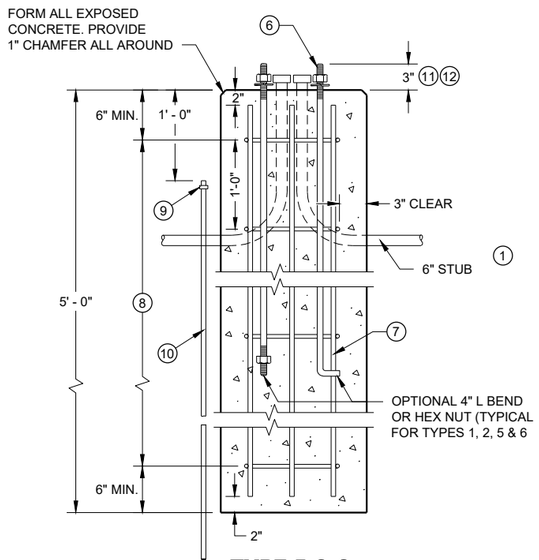


TYPE 5 & 6

CONCRETE BASES

CONCRETE BASES TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 407

FHWA

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

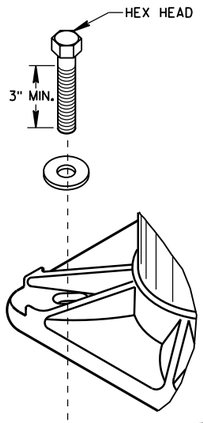
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

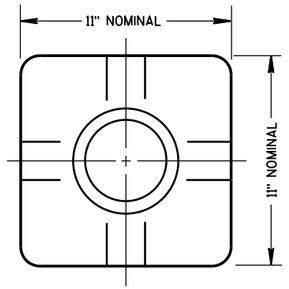
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

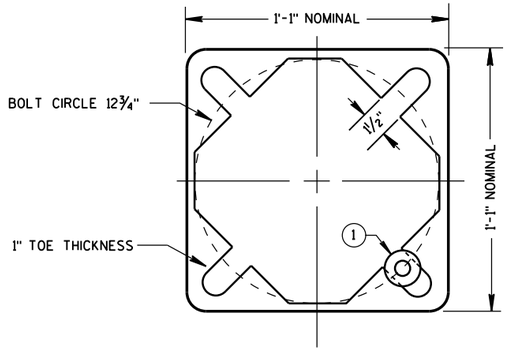
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

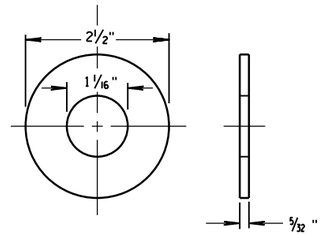




TOP VIEW
(PEDESTAL BASE)

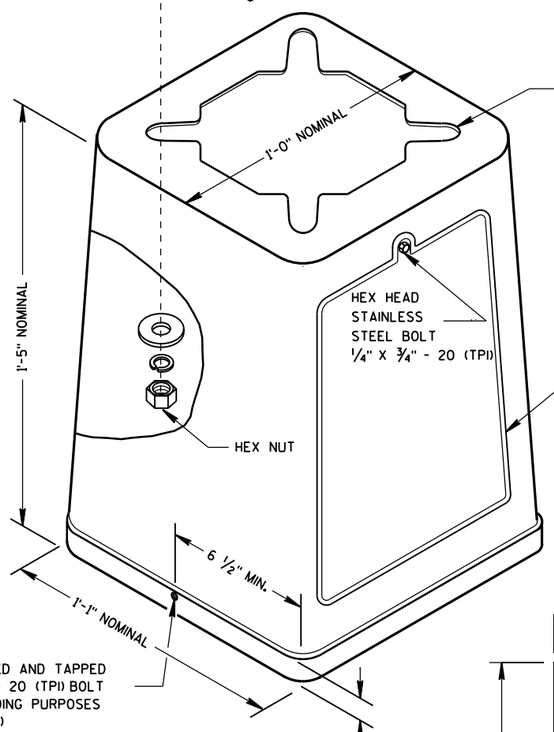


BOTTOM VIEW
(PEDESTAL BASE)

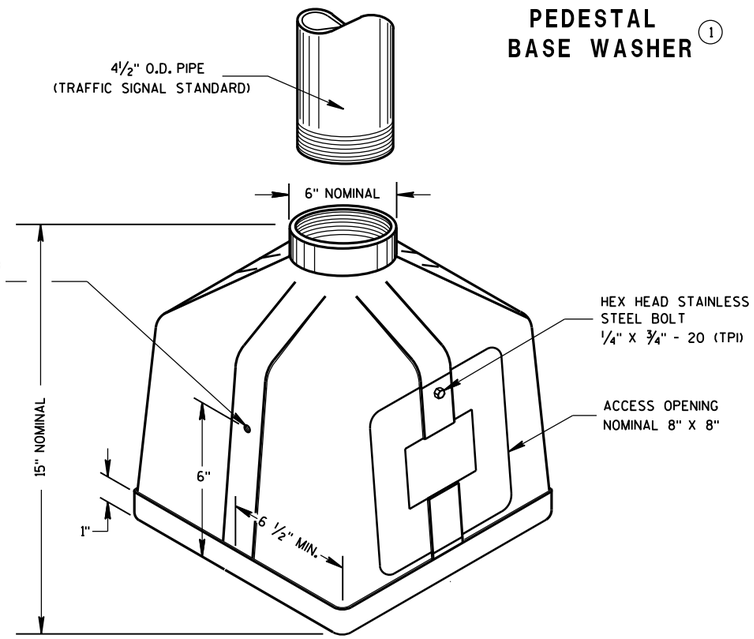


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)

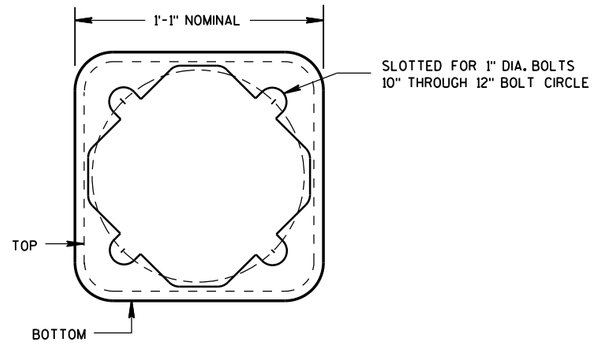


ISOMETRIC VIEW

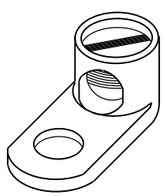


ISOMETRIC VIEW

PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

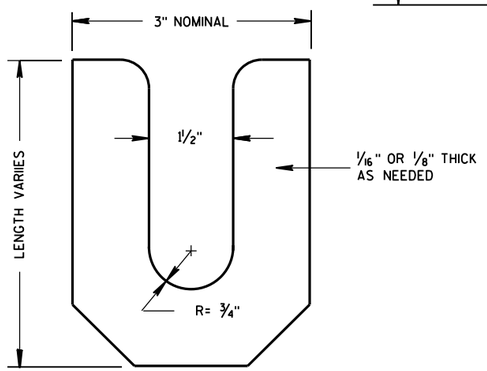


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
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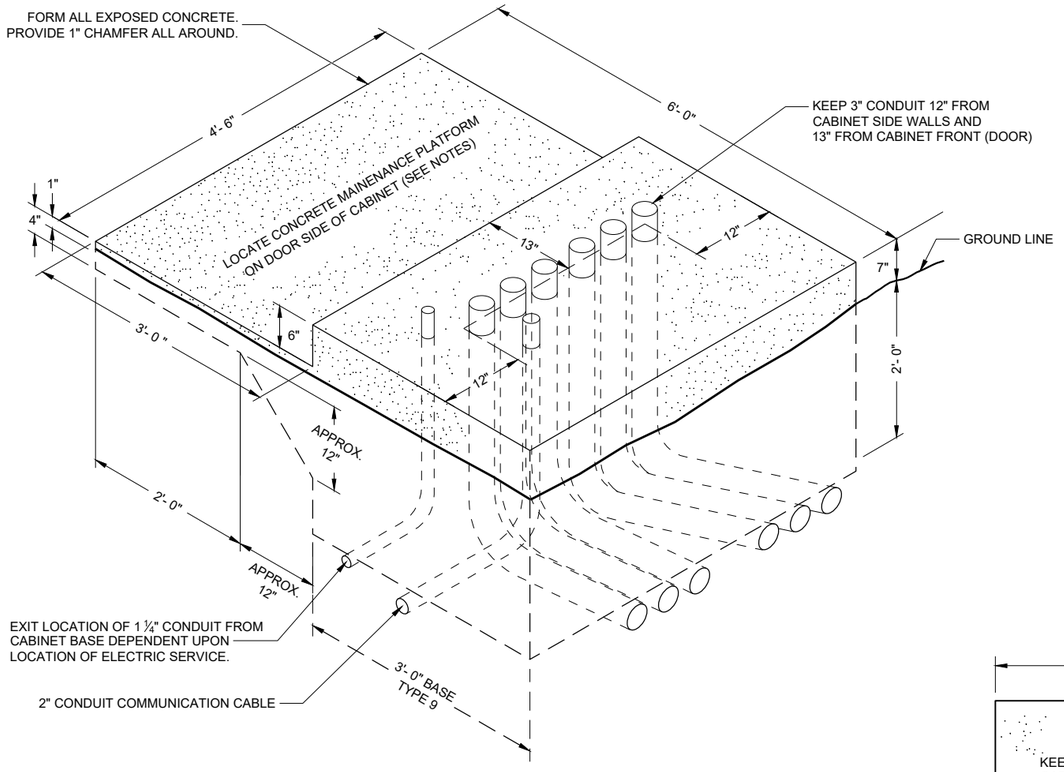
S.D.D. 9 C 3-4

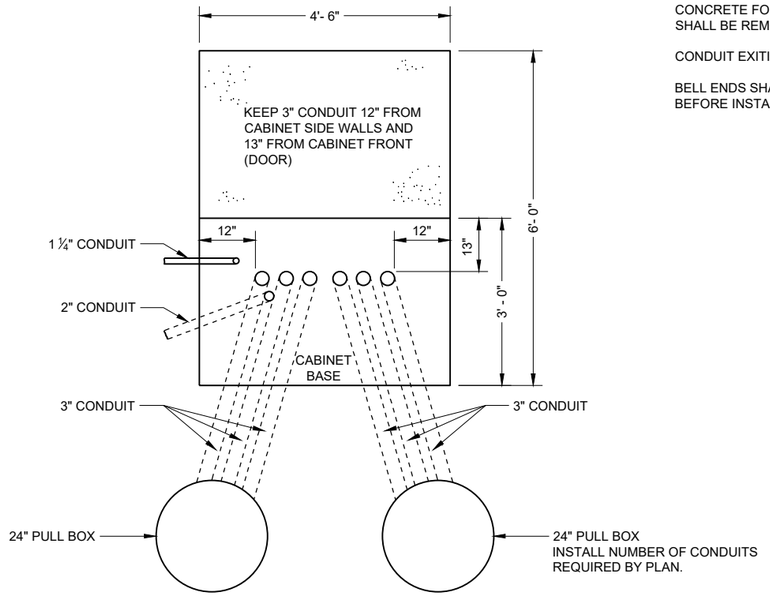
SDD 09C06 Concrete Control Cabinet Base, Type 9, Special



ISOMETRIC VIEW

TYPE 9 SPECIAL

(C.Y. CONCRETE = APPROX. 1.56)



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS WITH A PULLOUT STRENGTH OF 9,000 LBS. TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NON - METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U. L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT EQUALS 6 TIMES THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NON - METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON - METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCHES MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUIT EXITING THE CONCRETE BASE (SIX 3") SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE TYPE 9, SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
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/S/ Ahmet Demerbilek
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GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

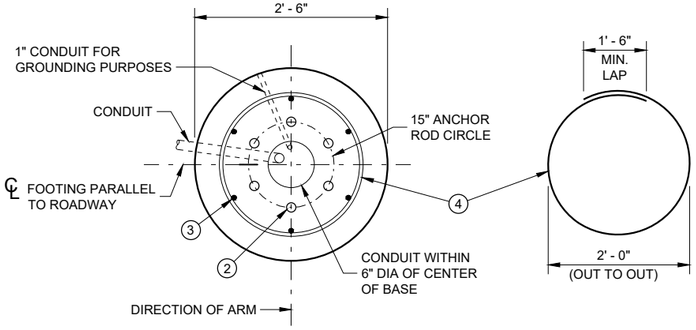
(2) (6) 1 ½ DIA. X 4' - 4" ANCHOR RODS

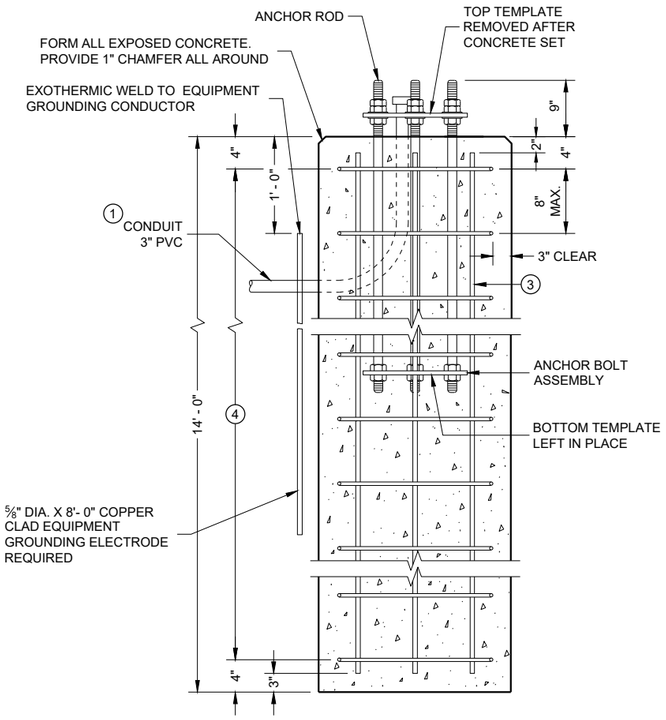
(3) (6) NO. 6 X 13' - 7" BAR STEEL REINFORCEMENT.

(4) (21) NO. 5 X 7'-10" BAR STEEL REINFORCEMENT @ 8" MAX. C-C.

CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE .....fy = 55,000 p.s.i.
WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION)
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.

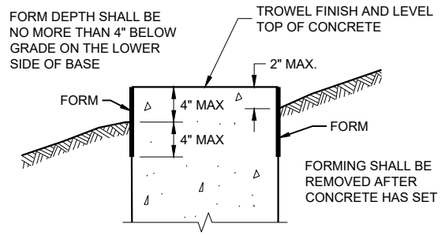
QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	2.5
LBS. OF HOOP BAR STEEL	172
LBS. OF VERTICAL BAR STEEL	122



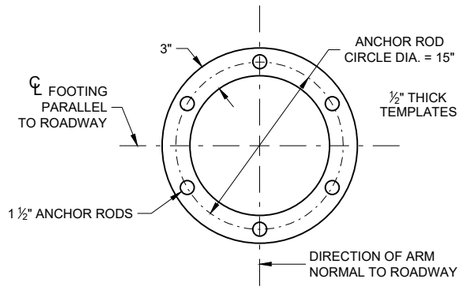


CONCRETE BASE, TYPE 10
(FOR TYPE 9, TYPE 10 AND OVER HEIGHT (OH) POLES)

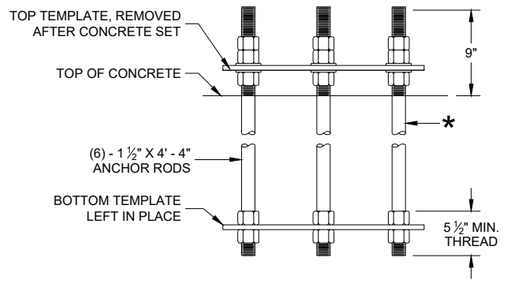
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE SDD 9C13 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.



FORMING DETAIL



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

CONCRETE BASE TYPE 10

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2017 — DATE
/S/ Ahmet Demerbilek — WIND LOADED STRUCTU PROGRAM LEADER
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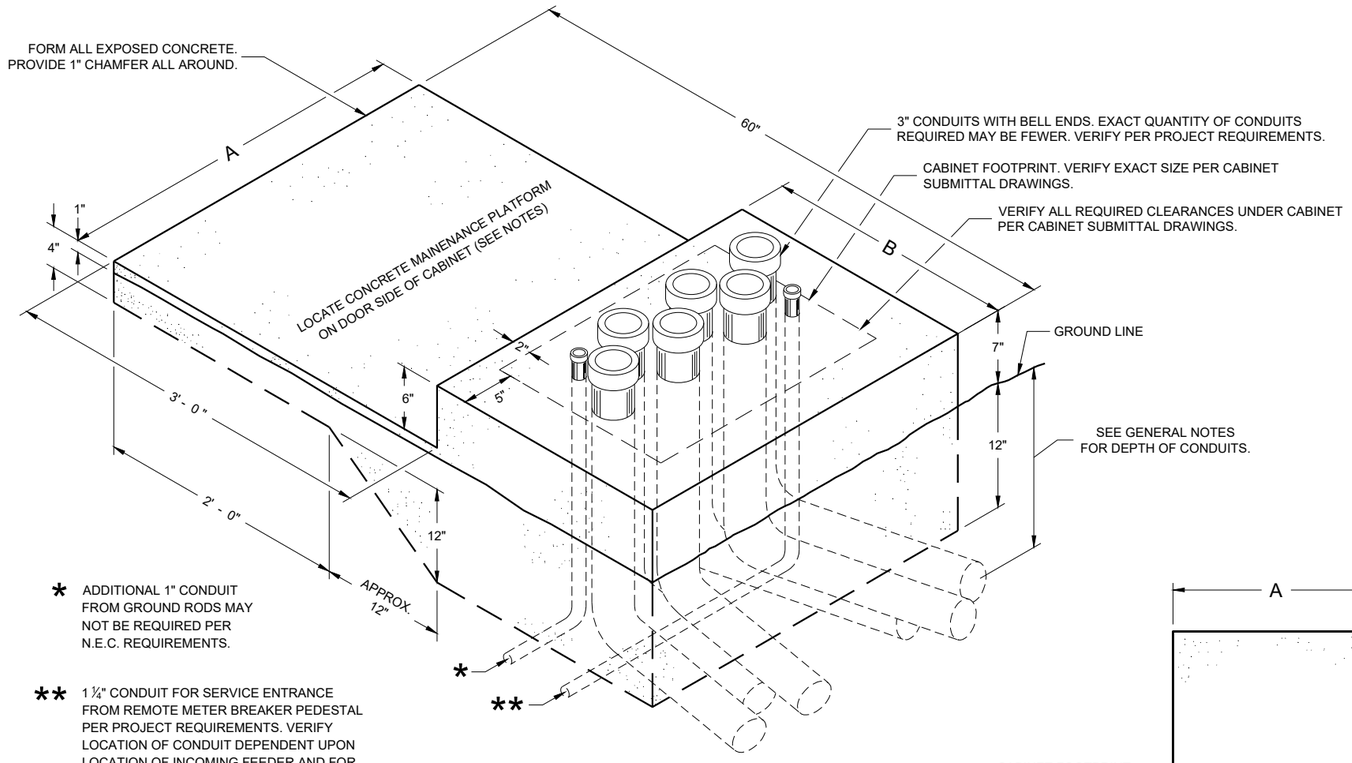


* ADDITIONAL 1" CONDUIT FROM GROUND RODS MAY NOT BE REQUIRED PER N.E.C. REQUIREMENTS.

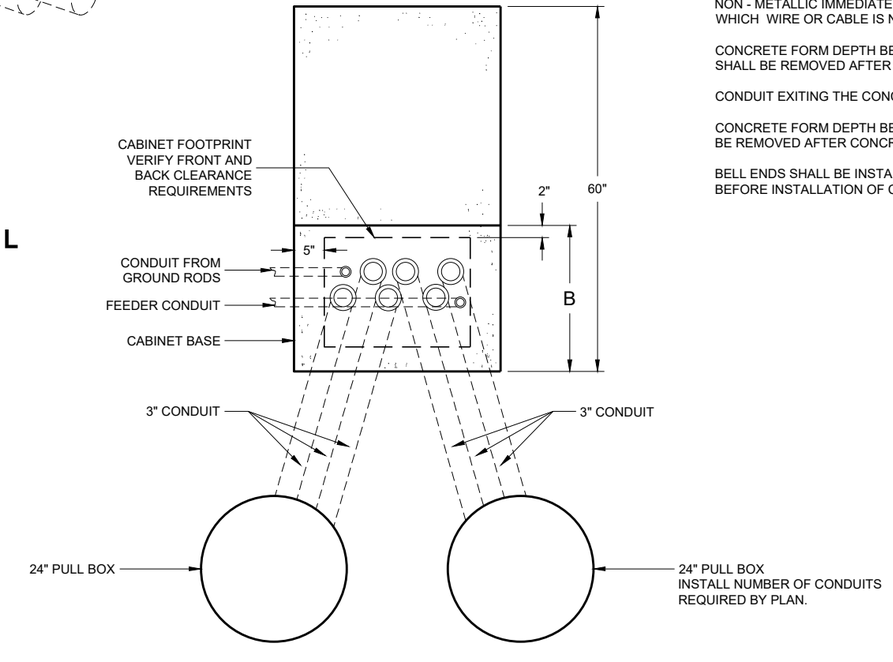
** 1 ¼" CONDUIT FOR SERVICE ENTRANCE FROM REMOTE METER BREAKER PEDESTAL PER PROJECT REQUIREMENTS. VERIFY LOCATION OF CONDUIT DEPENDENT UPON LOCATION OF INCOMING FEEDER AND FOR EASE OF CONNECTION TO LOAD CENTER.

ISOMETRIC VIEW

CONCRETE CONTROL CABINET BASE, TYPE L

(C.Y. CONCRETE = APPROX. 0.4)

CONCRETE BASE TYPE	CABINET WIDTH	DIMENSIONS		MAXIMUM 3" CONDUITS
		A	B	
L24	24"	34"	24"	4
L30	30"	40"	24"	6



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE L

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS TO ANCHOR THE CABINET BASES. THE ANCHORS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NON - METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U. L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS UNLESS DETERMINED BY THE ENGINEER IN THE FIELD.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT EQUALS 6 TIMES THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NON - METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON - METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCHES MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUIT EXITING THE CONCRETE BASE SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCH MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE, TYPE L

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 411

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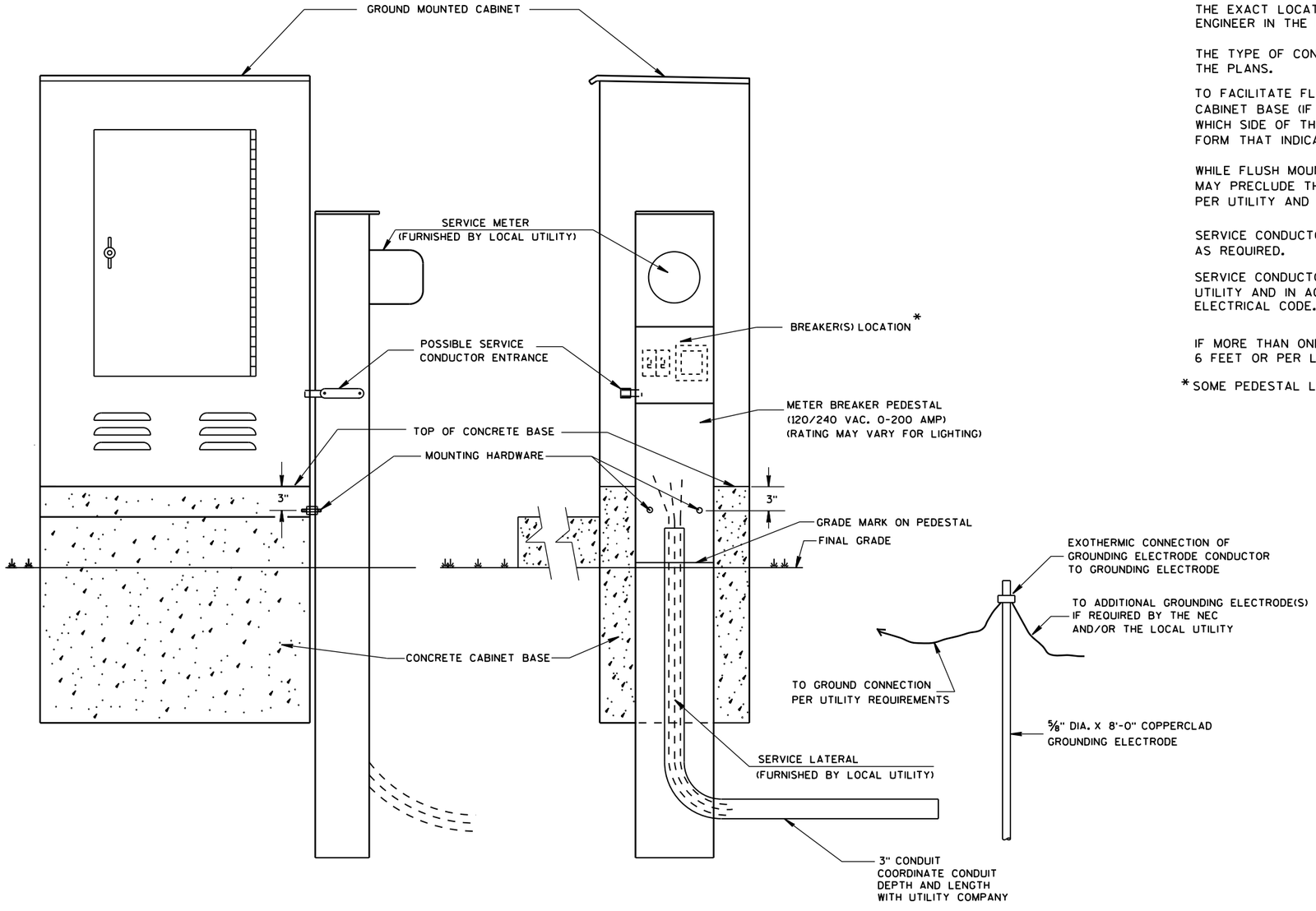

TYPICAL CABINET SERVICE INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EXACT LOCATION OF THE METER BREAKER PEDESTAL SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE TYPE OF CONCRETE CABINET BASE TO BE INSTALLED SHALL BE AS CALLED FOR IN THE PLANS.

TO FACILITATE FLUSH MOUNTING OF THE METER BREAKER PEDESTAL AGAINST THE SIDE OF THE CABINET BASE (IF FLUSH MOUNTING POSSIBLE. CONFER WITH THE LOCAL UTILITY TO DETERMINE WHICH SIDE OF THE CONCRETE BASE THE ELECTRICAL SERVICE LATERAL WILL APPROACH. THEN FORM THAT INDICATED SIDE FOR FULL SIDE DEPTH.

WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID METALLIC CONDUIT, NIPPLES AND/OR CONDULETS AS REQUIRED.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AND LOCATED AS REQUIRED BY THE LOCAL UTILITY AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE.

IF MORE THAN ONE GROUNDING ELECTRODE IS REQUIRED, THE DISTANCE APART SHALL BE 6 FEET OR PER LOCAL UTILITY REGULATIONS.

* SOME PEDESTAL LIGHTING PLANS SHOW MAIN LUGS ONLY.

CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
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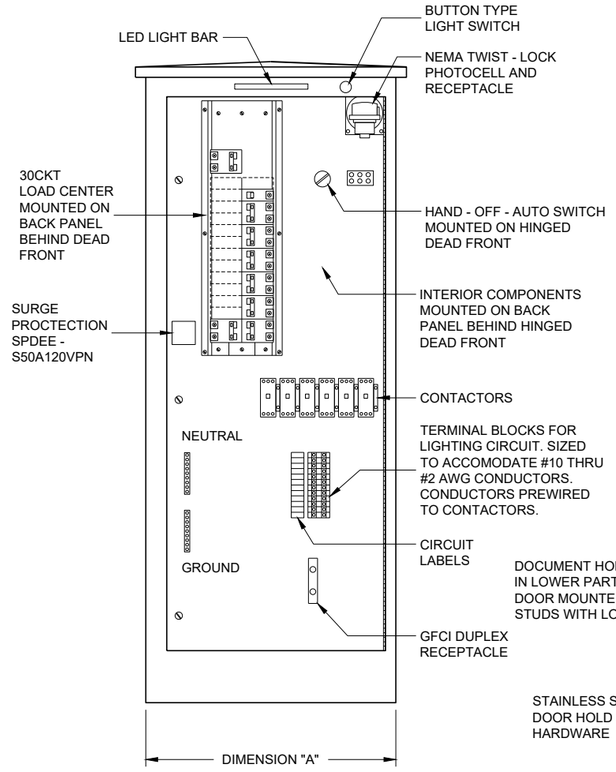
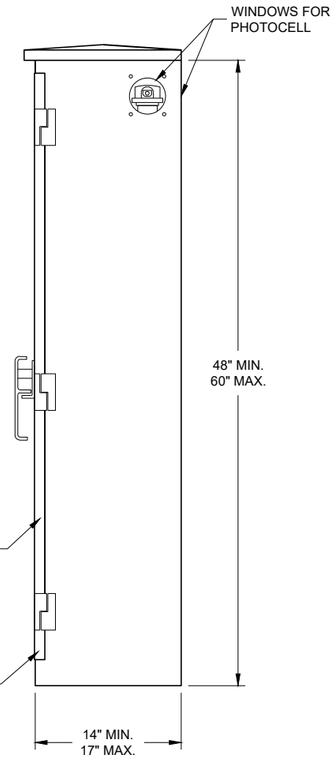
FRONT INTERIOR ELEVATION



SIDE VIEW



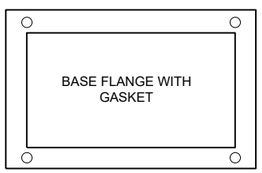
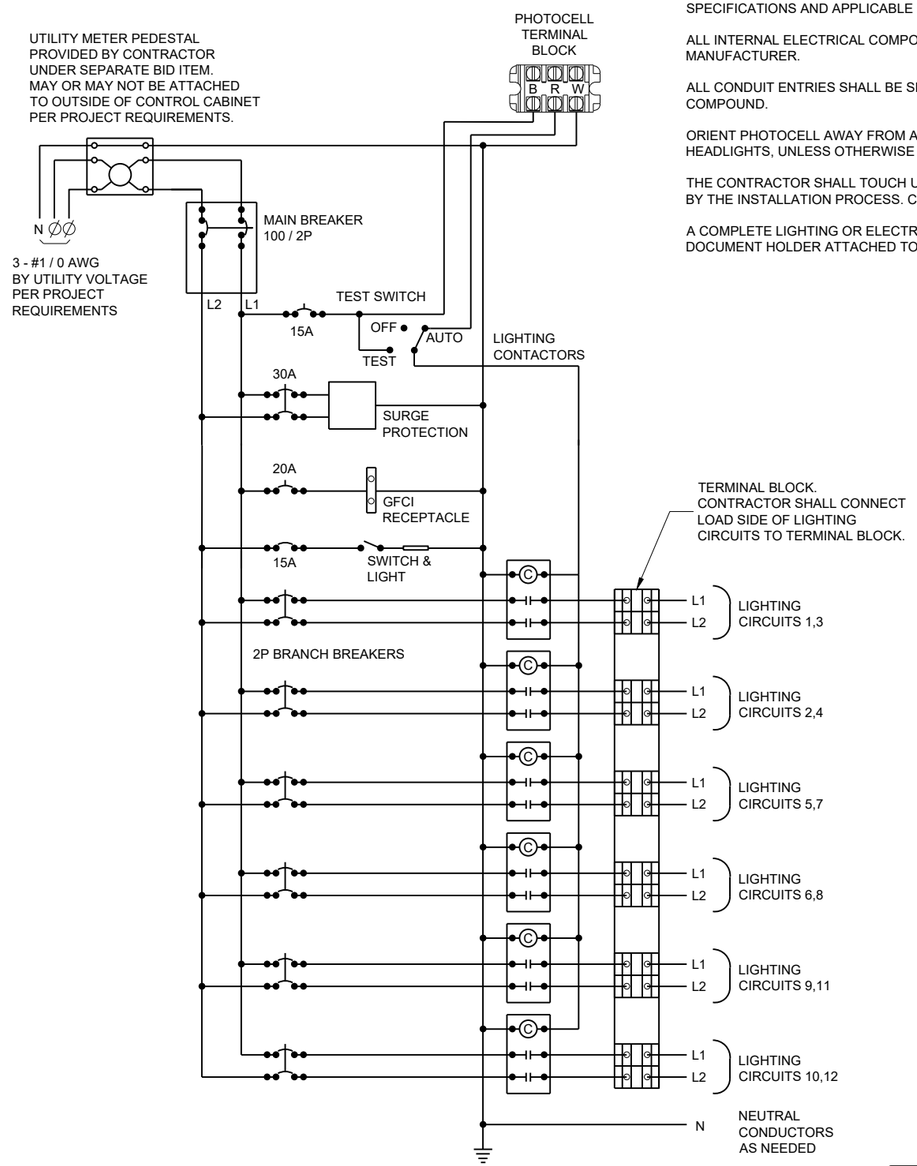


TABLE OF DIMENSIONS (INCHES)		
CONCRETE BASE TYPE	CABINET WIDTH	DIMENSION "A"
L24	24"	24"
L30	30"	30"

LIGHTING CONTROL CABINET



CONTROL CABINET SCHEMATIC

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

ALL INTERNAL ELECTRICAL COMPONENTS WILL BE PRE - WIRED BY THE CABINENT MANUFACTURER.

ALL CONDUIT ENTRIES SHALL BE SEALED WITH AN APPROPRIATE DUCT SEALING COMPOUND.

ORIENT PHOTOCELL AWAY FROM AMBIENT LIGHT SOURCES AND ONCOMING TRAFFIC HEADLIGHTS, UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISION.

THE CONTRACTOR SHALL TOUCH UP ANY DAMAGE TO THE ANODIZED FINISH CAUSED BY THE INSTALLATION PROCESS. COLOR MATCH PAINT SHALL BE USED.

A COMPLETE LIGHTING OR ELECTRICAL PLAN SHALL BE SECURELY PLACED IN THE DOCUMENT HOLDER ATTACHED TO THE DOOR.

LIGHTING CONTROL CABINET
120 / 240 VOLT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 413

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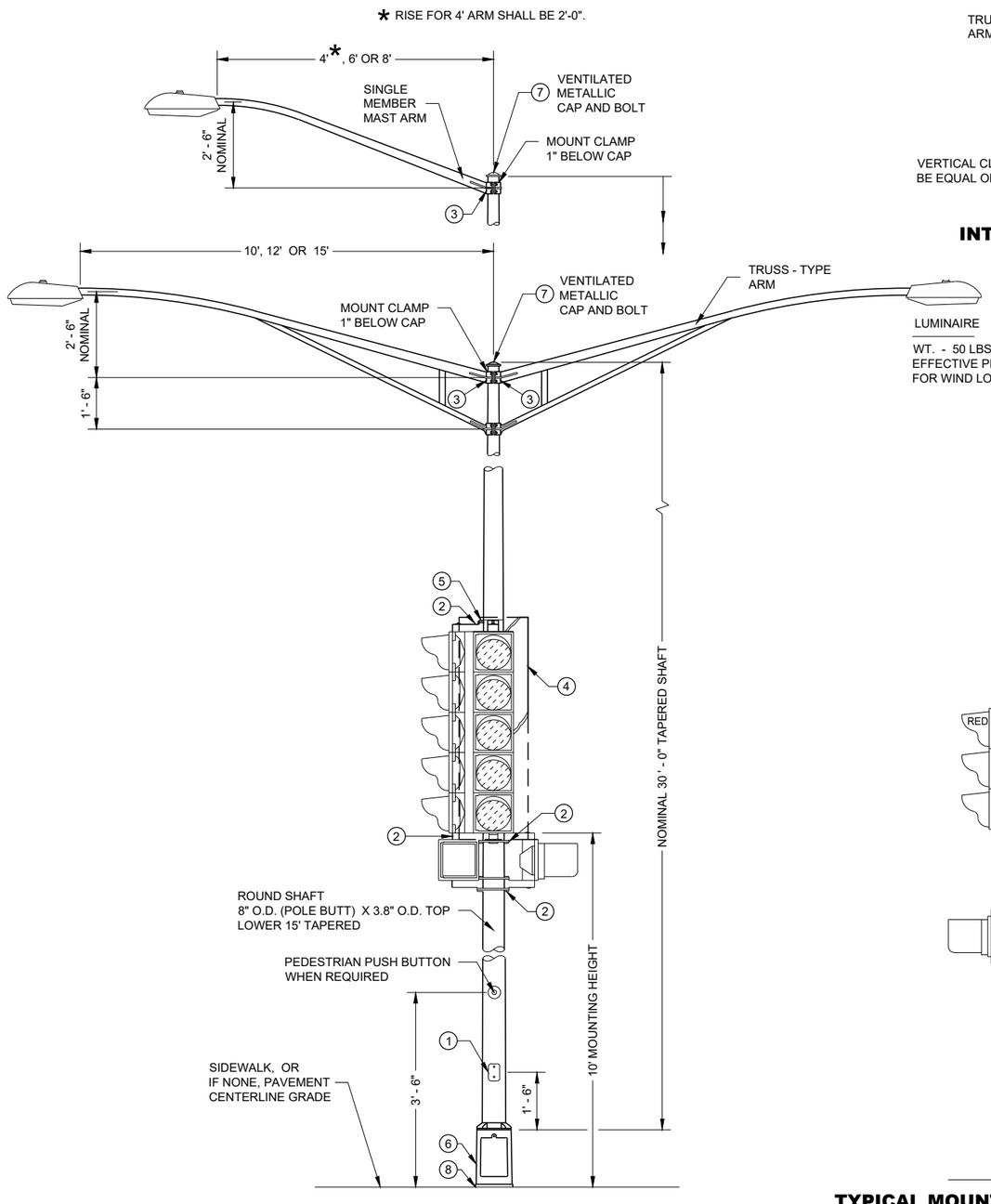
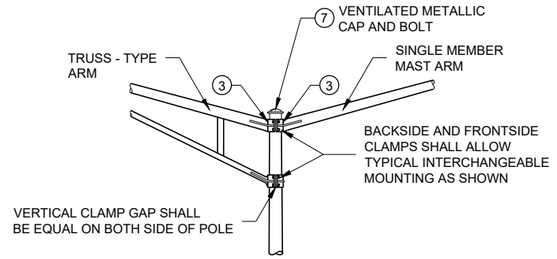


(MAXIMUM LOAD)



INTERCHANGEABLE MOUNTING DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL TYPE 4 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL WITH A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (.1196").

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

A PULL WIRE / ROPE SHALL BE INSTALLED IN EACH TROMBONE ARM RACEWAY DURING THE MANUFACTURING PROCESS.

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2 ⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE AND COVER ASSEMBLY WITH TWO (2) ¼" X ¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

(2) SIGNAL FACE MOUNTING BRACKETS. MOUNT WITH CAP SCREWS AND BANDING.

(3) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 ⅜" HOLE IN POLE SHAFT FOR WIRING.

(4) SECURELY MOUNT DULL BLACK POLYCARBONATE BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURER'S RECOMMENDATIONS.

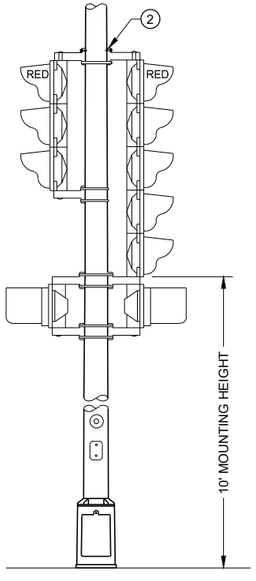
(5) POLE MOUNTED SIGNAL FACES SHALL REQUIRE ONE OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACE.

(6) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

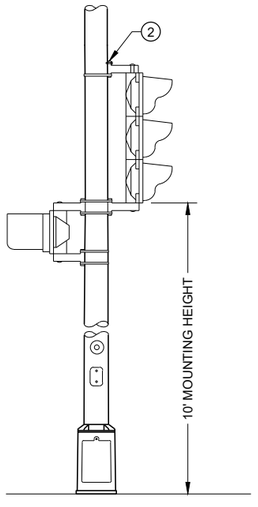
(7) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(8) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

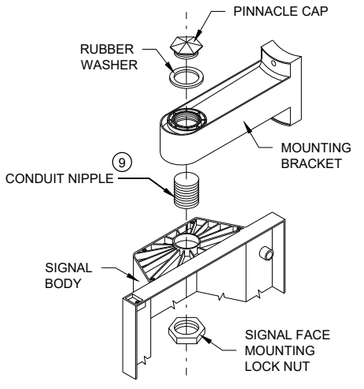
(9) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACES AND BRACKET ENDS.



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE



SIGNAL FACE MOUNTING DETAIL
(BANDED)

TYPE 4 POLE MOUNTING CONFIGURATION

POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4

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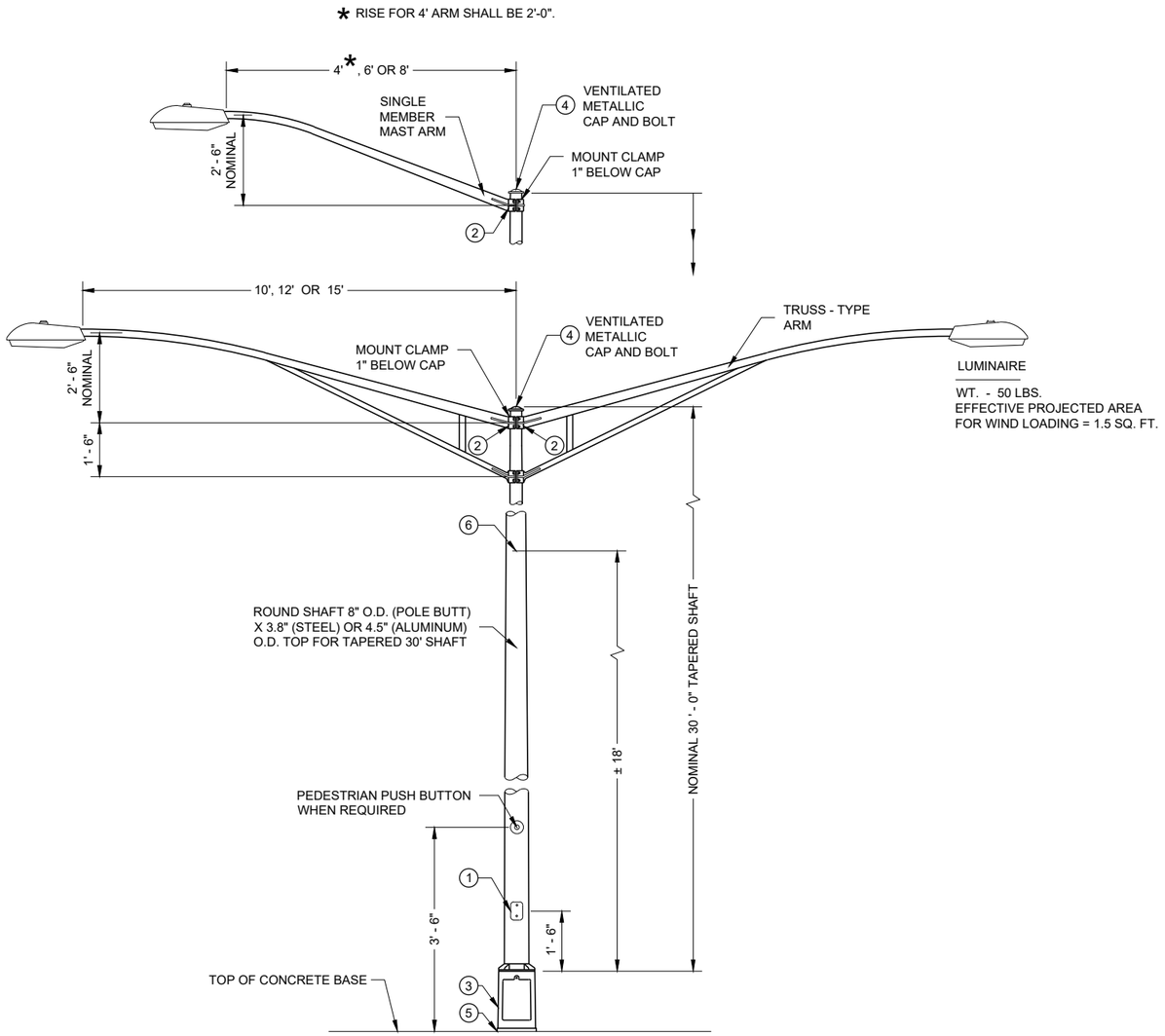


TYPE 5 POLE MOUNTING CONFIGURATION
(MAXIMUM LOAD)
LIGHTING ONLY

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

ALL TYPE 5 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 5 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063 - T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

TYPE 5 ALUMINUM POLES SHALL HAVE A MINIMUM WALL THICKNESS OF 0.1888".

TYPE 5 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (0.1196").

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2 ⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE AND COVER ASSEMBLY WITH TWO (2) ¼" X ¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

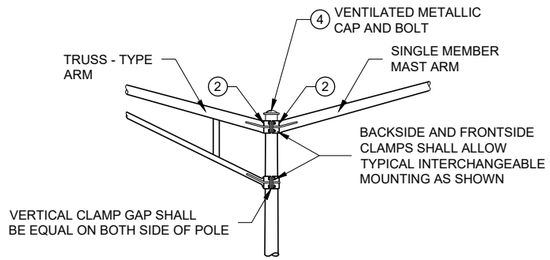
(2) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 ⅜" HOLE IN POLE SHAFT FOR WIRING.

(3) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(4) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

(6) INTERNAL DUMBBELL - TYPE VIBRATION DAMPER.



INTERCHANGEABLE MOUNTING DETAIL

POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)

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DEPARTMENT OF TRANSPORTATION

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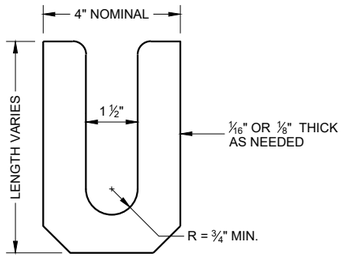
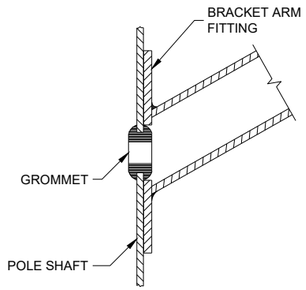
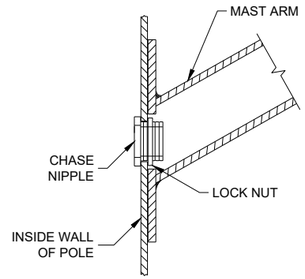


LEVELING SHIM (1)
SHALL BE ALUMINUM



TYPICAL APPLICATION OF GROMMET IN POLE SHAFT



TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

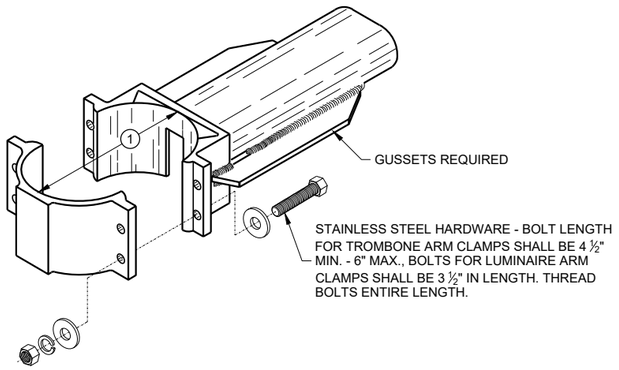
(1) 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP. 6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

(2) INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

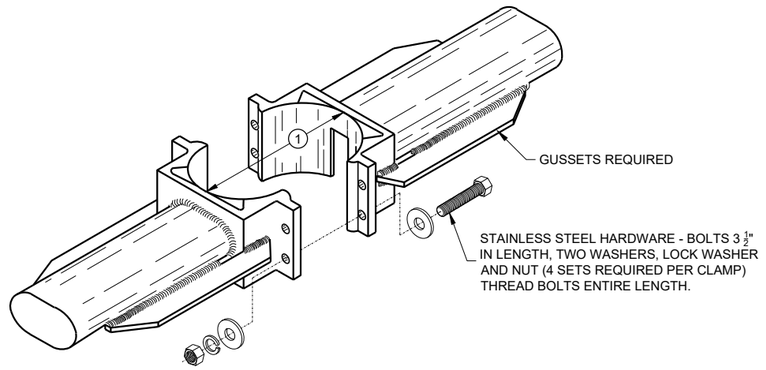
(3) BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

(4) LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

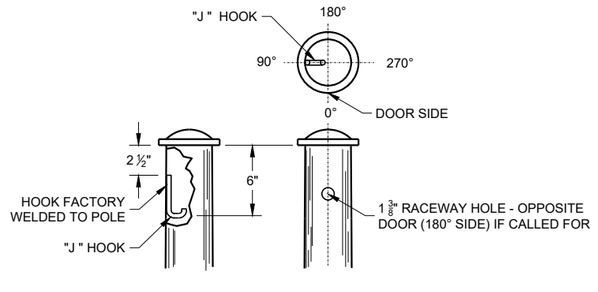
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



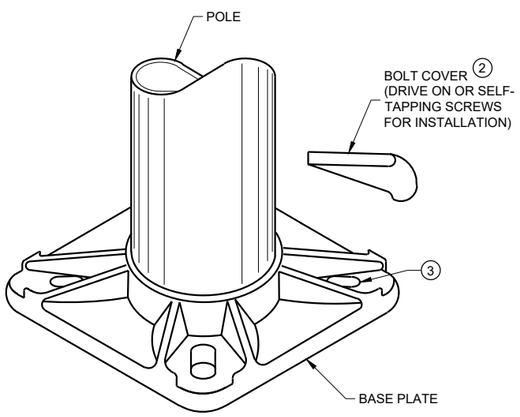
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



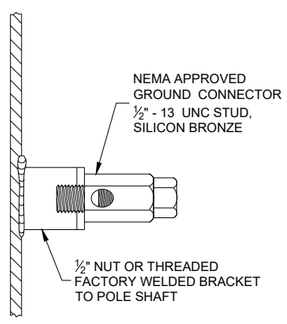
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

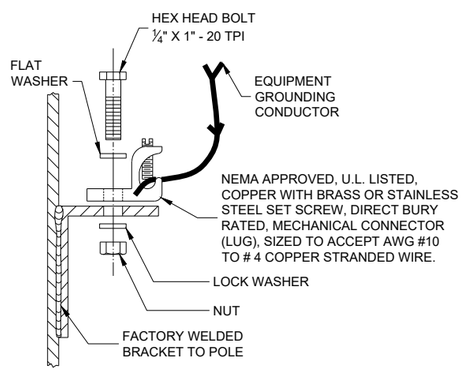


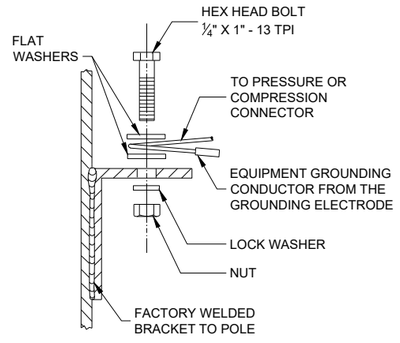
TYPICAL "J" HOOK LOCATION



BASE PLATE







TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

HARDWARE DETAILS FOR POLE MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 416

FHWA

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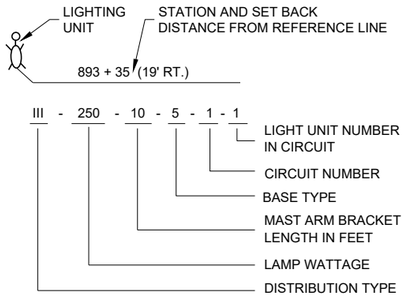
GENERAL NOTES

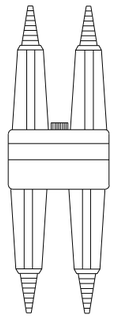
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUND CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

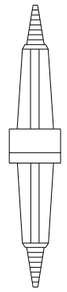
WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.



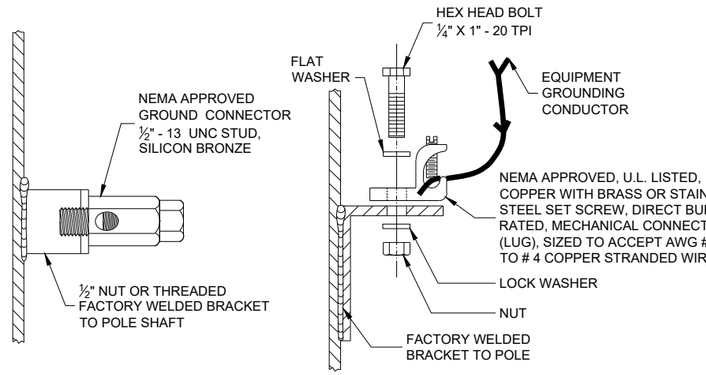
LIGHTING UNIT CODE
(TYPICAL)



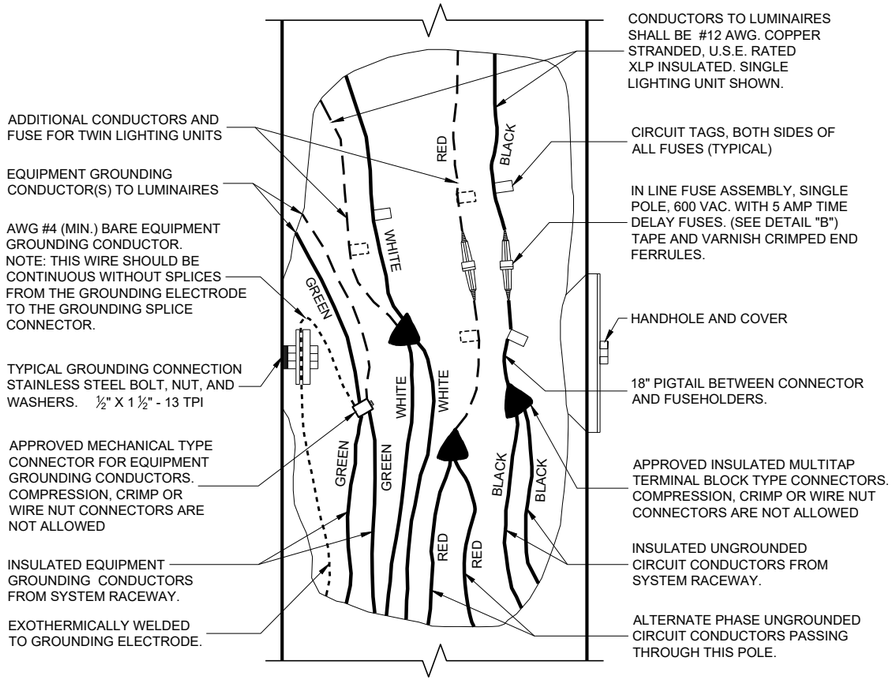
DETAIL "A"
BREAKAWAY DOUBLE POLE WITH WATERPROOF INSULATING BOOT



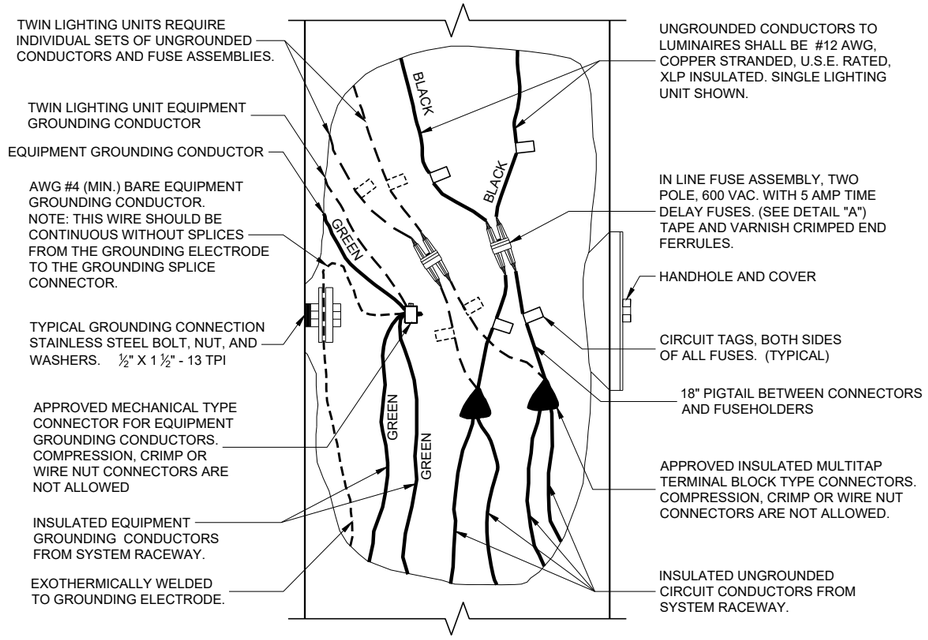
DETAIL "B"
BREAKAWAY SINGLE POLE WITH WATERPROOF INSULATING BOOT



TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



3 WIRE - 120, 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH GROUNDING CONDUCTOR AND EQUIPMENT GROUNDING CONDUCTOR



2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR

NON - FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 417

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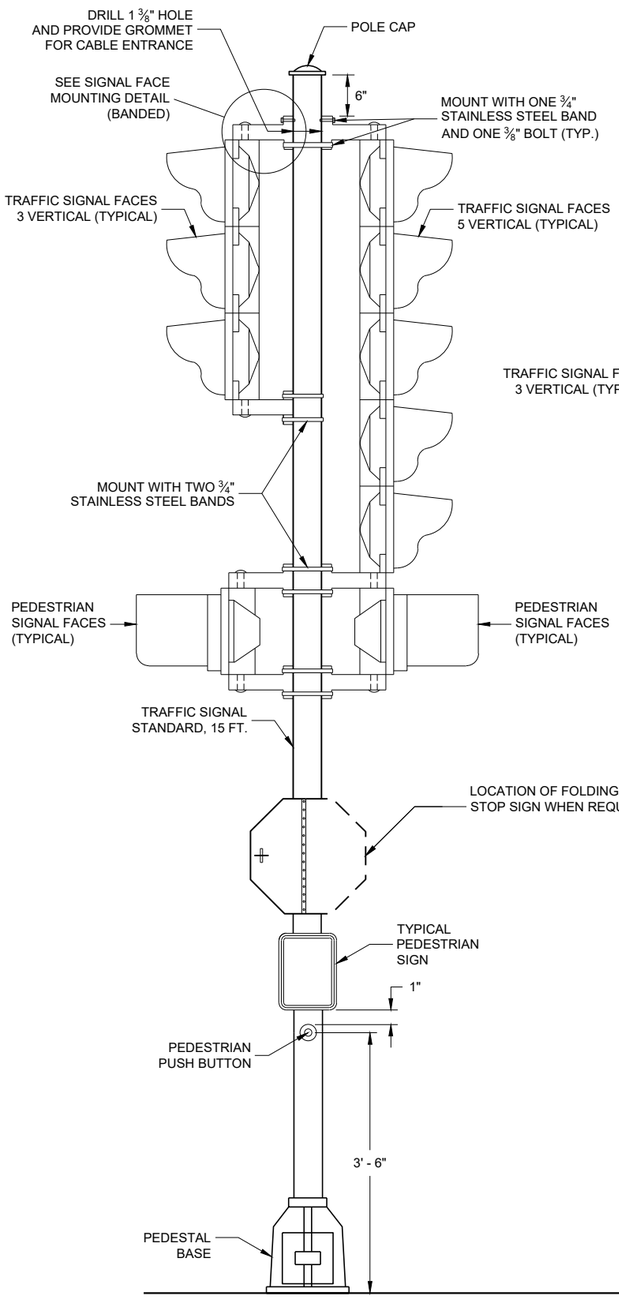
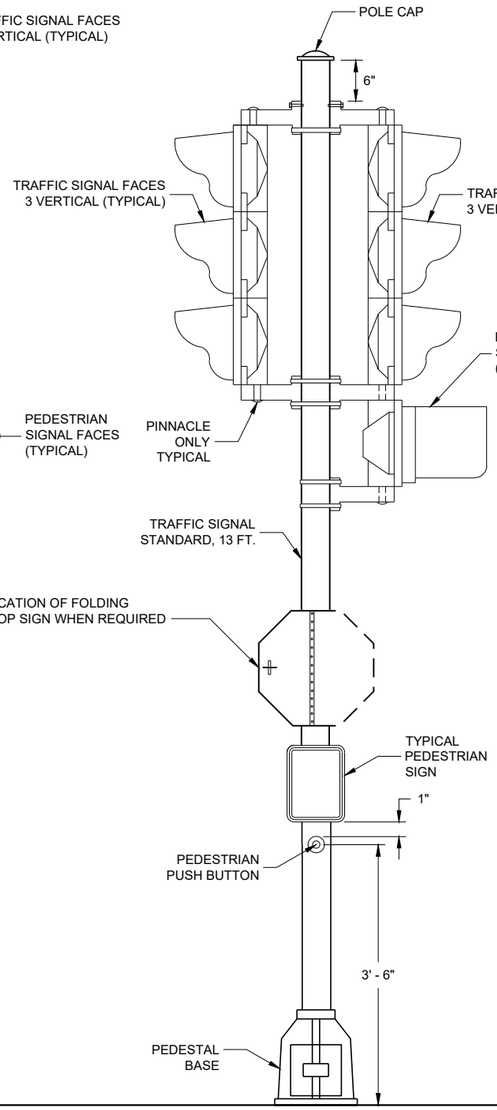
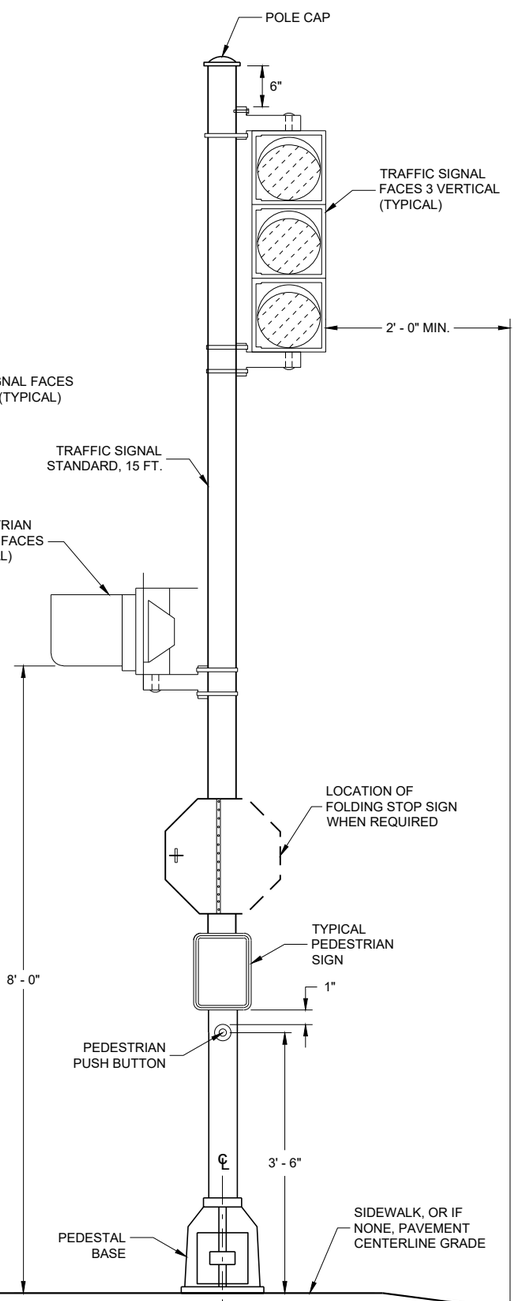


TRAFFIC SIGNAL STANDARD - 15 FT.



TRAFFIC SIGNAL STANDARD - 13 FT.



TRAFFIC SIGNAL TANDARD - 15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLYCARBONATE MOUNTING BRACKETS SHALL BE USED.

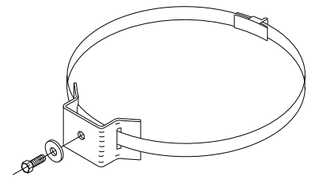
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

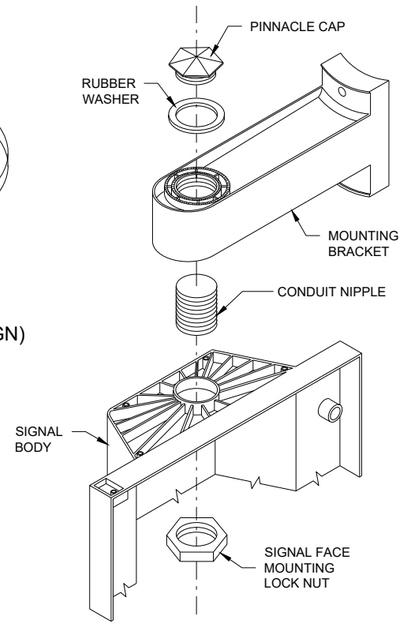
FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) 1/4" X 3/4" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



SIGNAL FACE MOUNTING DETAIL (BANDED)

TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/28/2013
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 418

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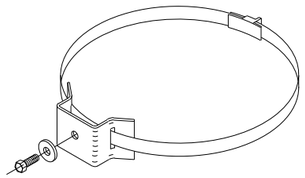
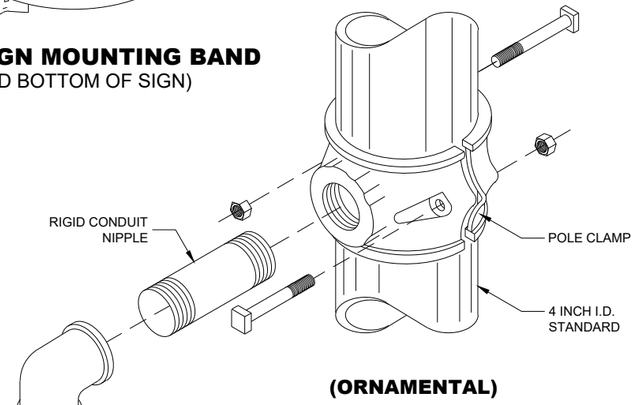


TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



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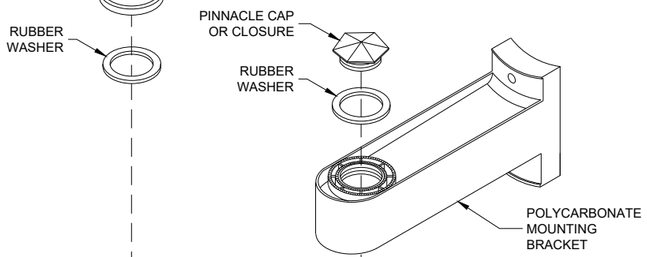

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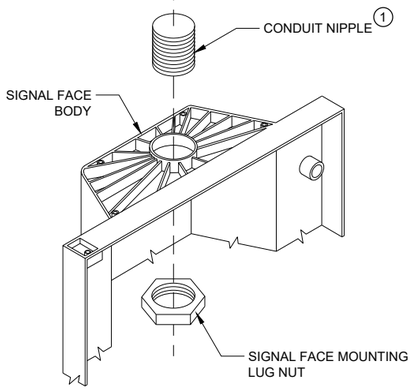
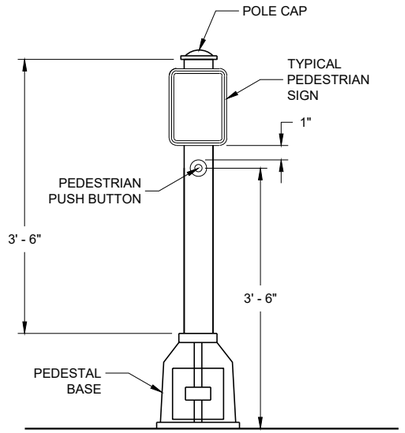


SIGNAL FACE MOUNTING DETAILS



PEDESTRIAN PUSH BUTTON TYPICAL MOUNTING

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS, UNLESS APPROVED BY THE ENGINEER IN THE FIELD.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIFICATIONS.

POLYCARBONATE SIGNAL FACE MOUNTING BRACKETS SHALL BE USED UNLESS ORNAMENTAL POLE CLAMPS ARE SPECIFIED.

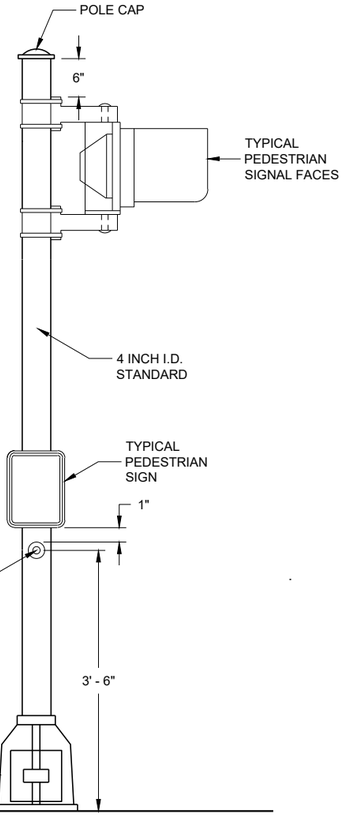
LENGTH OF TRAFFIC STANDARDS SHALL BE AS SHOWN ON THE PLANS.

MOUNTINGS AND BRACKETS SHALL BE AS SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIAL PROVISIONS (BY THE REGION TRAFFIC ENGINEER).

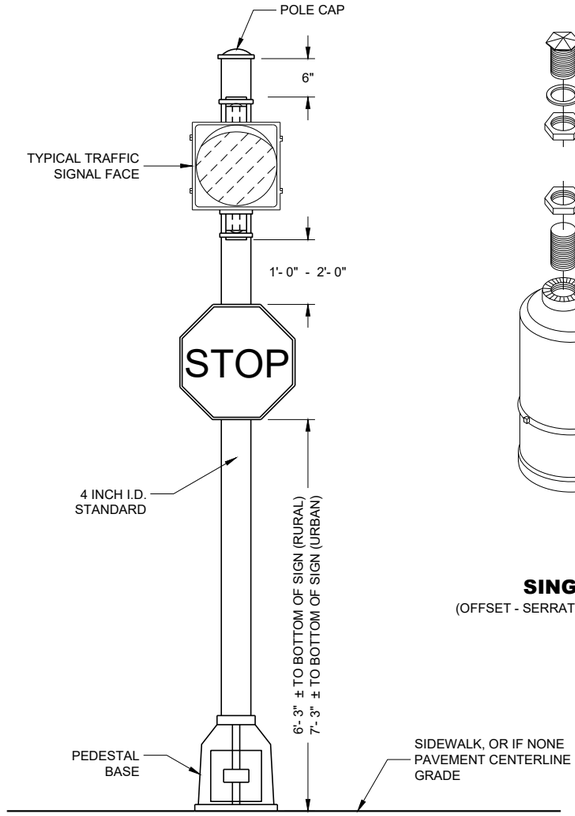
PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

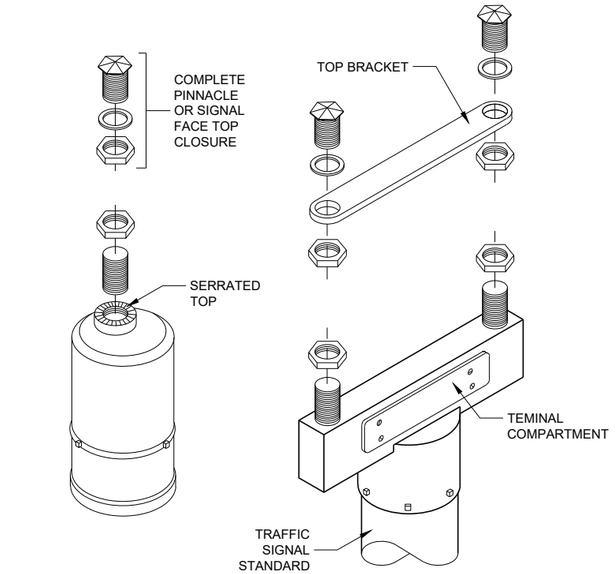
(1) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACESAND BRACKET ENDS.



PEDESTRIAN FACE STANDARD - 10 FT.
(WALK - DON'T WALK)



STANDARD FLASHER
10 FOOT, 13 FOOT OR 15 FOOT AS REQUIRED



SINGLE
(OFFSET - SERRATED MOUNTING)

DOUBLE
(SERRATED MOUNTING)

SLIPFITTERS

TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

FHWA

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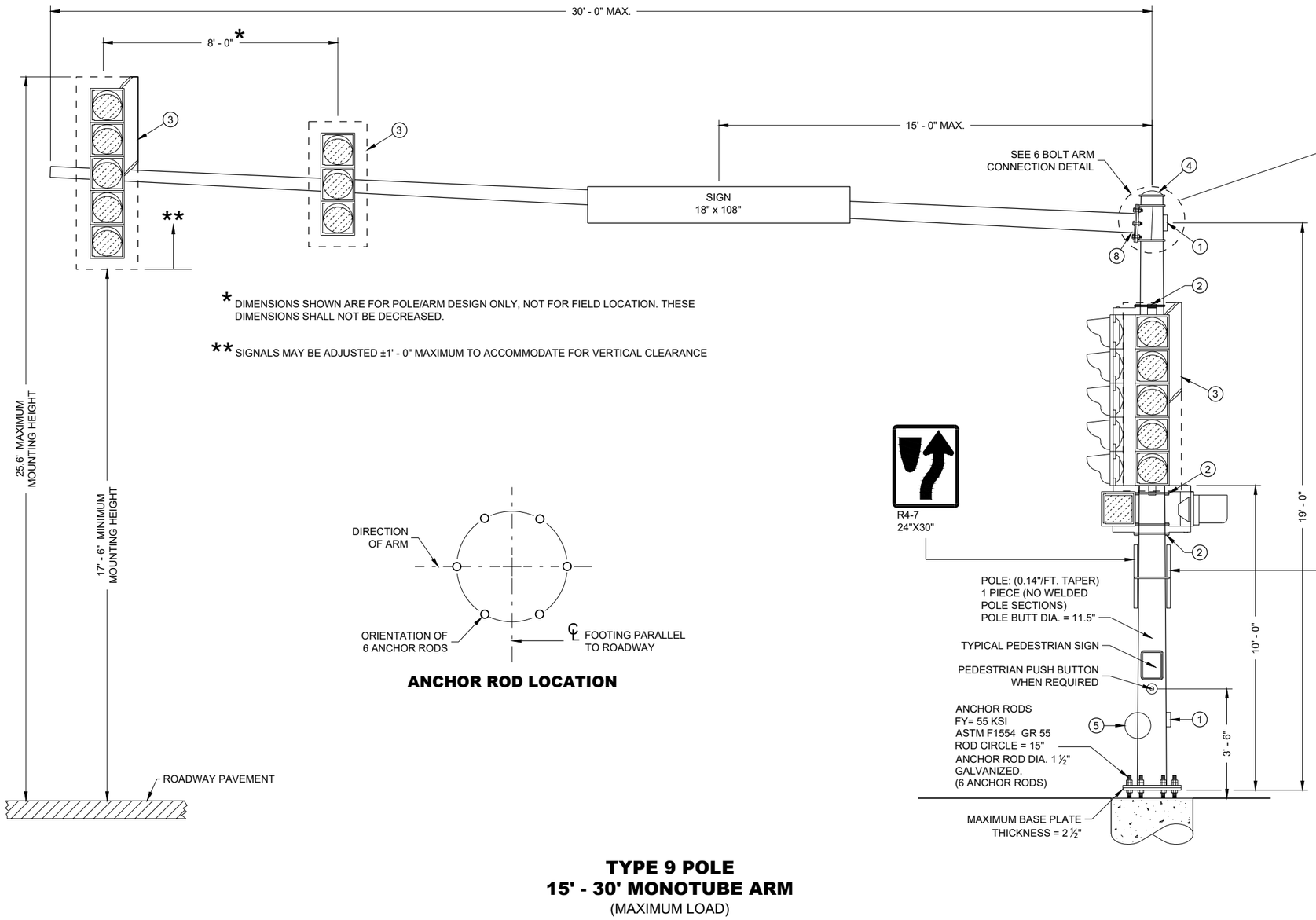
SDD 09E07 - 06

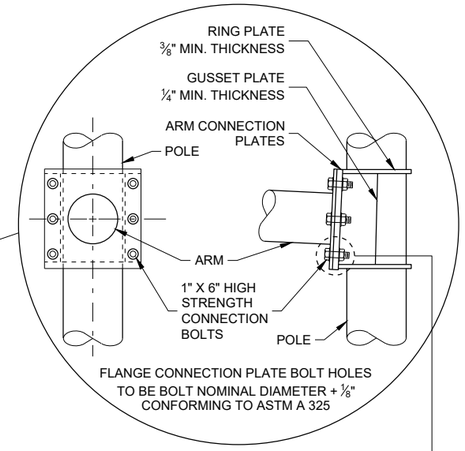
SDD 09E07 - 06



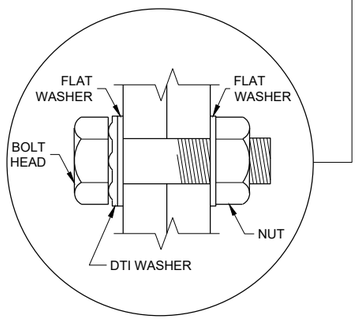
* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

ANCHOR ROD LOCATION



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 9 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 9 POLE **15' - 30' MONOTUBE ARM**	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED August 2020 DATE	/S/ Ahmet Demirbilek STATE ELECTRICAL ENGI 420
FHWA	

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SDD 09E08 - 09a

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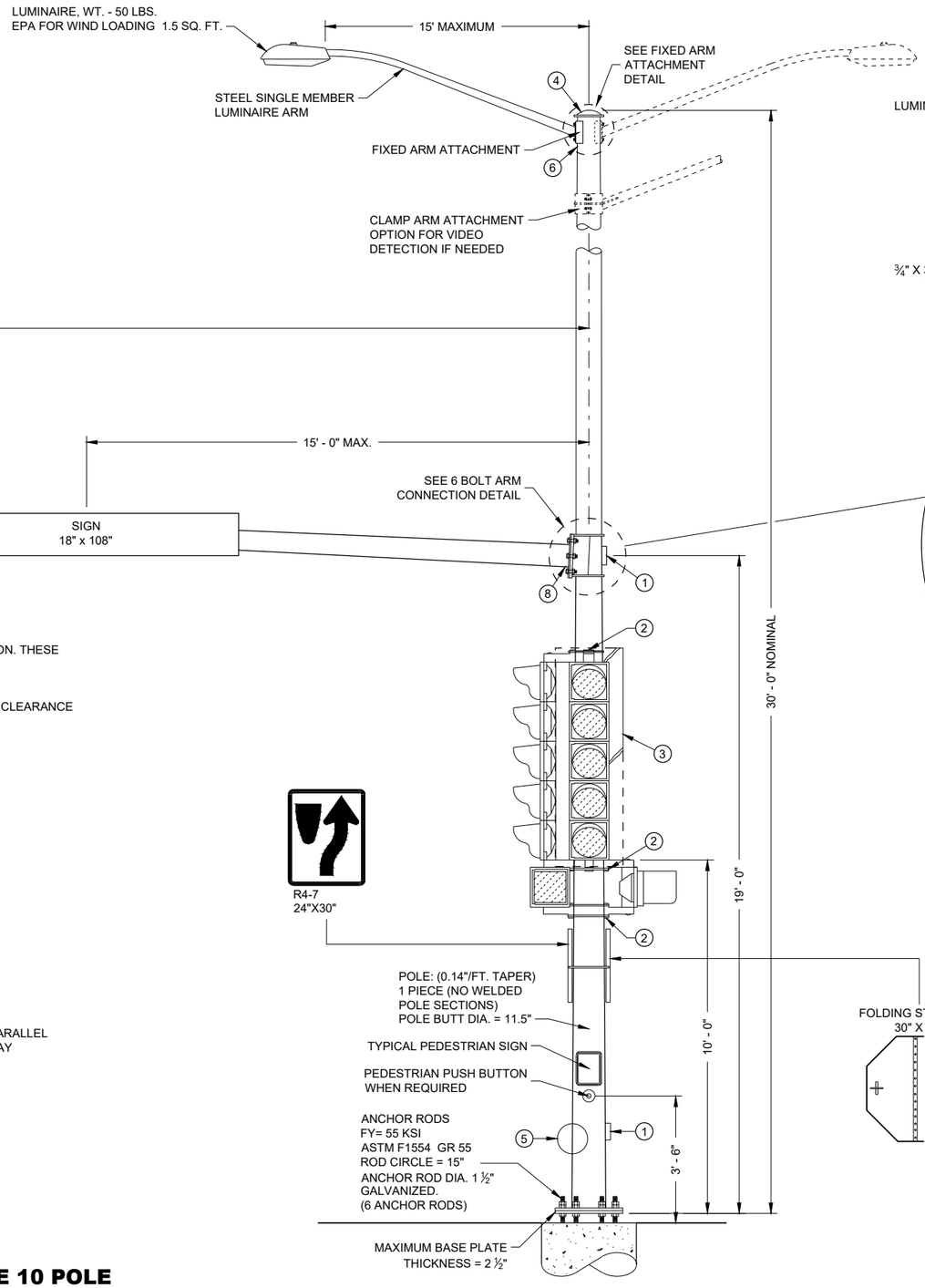
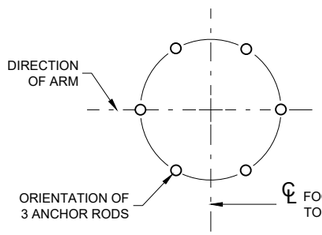
SDD 09E08 - 09a

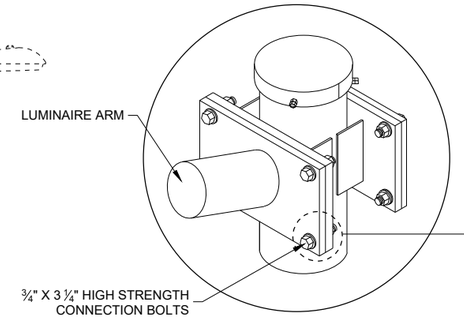


* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

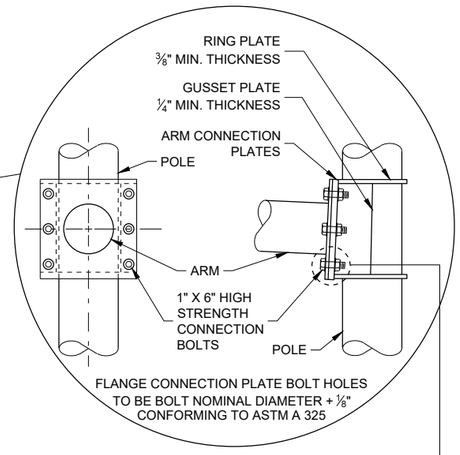
** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE



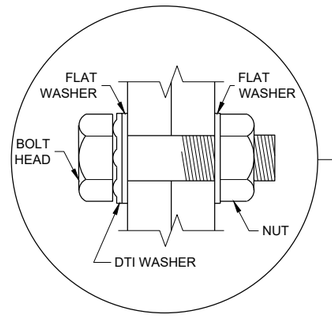
ANCHOR ROD LOCATION



FIXED ARM ATTACHMENT DETAIL



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 10 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 10 POLE
15' - 30' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 421

FHWA

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SDD 09E08 - 09e

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15 FOOT TO 30 FOOT.

POLE TYPES 9 SPECIAL AND 10 SPECIAL ARE FOR ARM LENGTHS 35 FOOT, 40 FOOT, AND 45 FOOT.

POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35 FOOT TO 55 FOOT.

MONOTUBE POLES AND ARMS SHALL BE GALVANIZED STEEL.

RING STIFFENED BUILT UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3% ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATION SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNAL 2015 1ST EDITION (INCLUDING INTERIM REVISIONS)" AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR THE LIGHTING STRUCTURES AS FOLLOWS:

CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 AND TYPE 10 STRUCTURES.

CATEGORY II FATIGUE LOADS OF TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 SPECIAL AND TYPE 10 SPECIAL STRUCTURES. IN LIEU OF DESIGNING FOR GALLOPING, A VIBRATION DAMPER MITIGATION DEVICE IS REQUIRED TO BE SUPPLIED AND INSTALLED AT THE END OF THE MAST ARM.

CATEGORY II FATIGUE FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE12 AND TYPE 13 STRUCTURES.

115 MPH (700 YEAR MRI BASIC WIND SPEED).

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" STAINLESS STEEL BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR A S DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEAD AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HAND HOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING (SEE SPECIFICATION SECTION 658).

(3) SECURELY MOUNT BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HAND HOLD, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

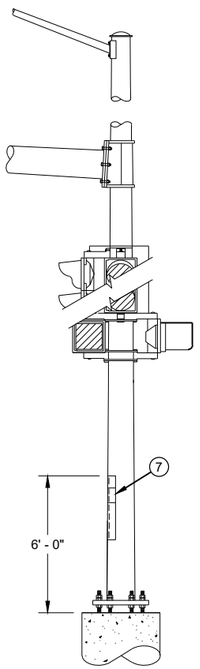
(6) FACTORY WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

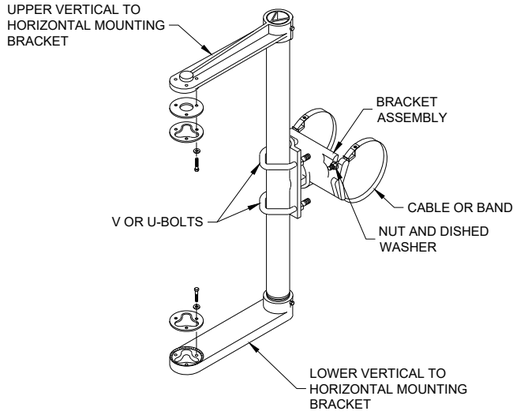
STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

MOUNTING HEIGHT SHALL BE 6' - 0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.

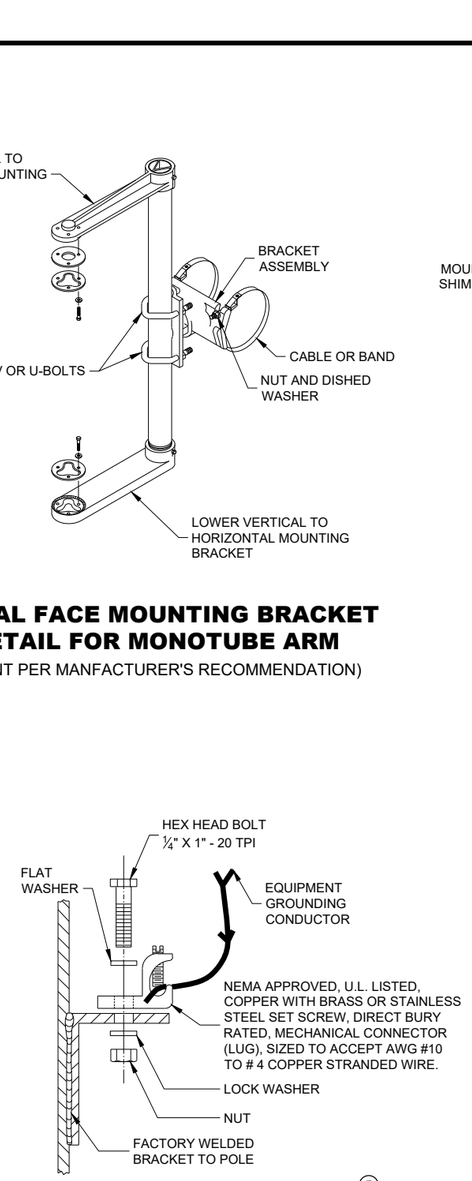


STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT



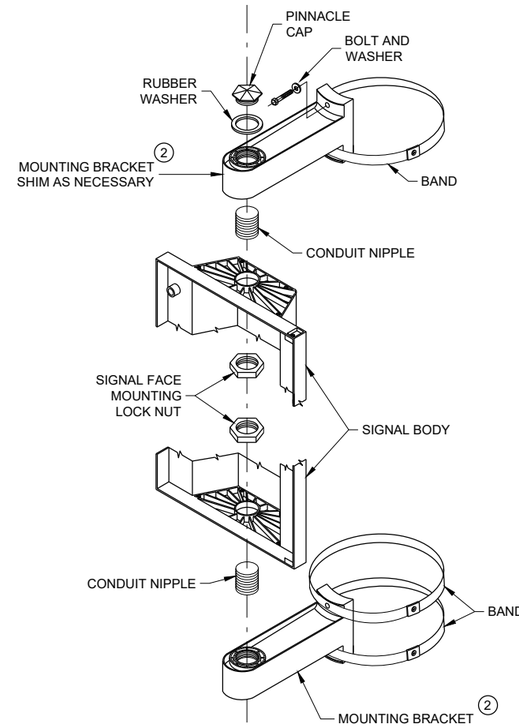
SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM

(MOUNT PER MANFACTURER'S RECOMMENDATION)

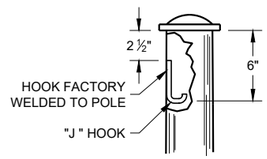


TYPICAL GROUNDING (5) CONNECTIONS

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



SIGNAL FACE VERTICAL MOUNTING DETAIL



TYPICAL "J" HOOK (6) WIRE SUPPORT

GENERAL NOTES AND HARDWARE FOR TYPES 9,10, 9/10 SPECIAL, 12 AND 13 POLES WITH MONOTUBE ARMS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

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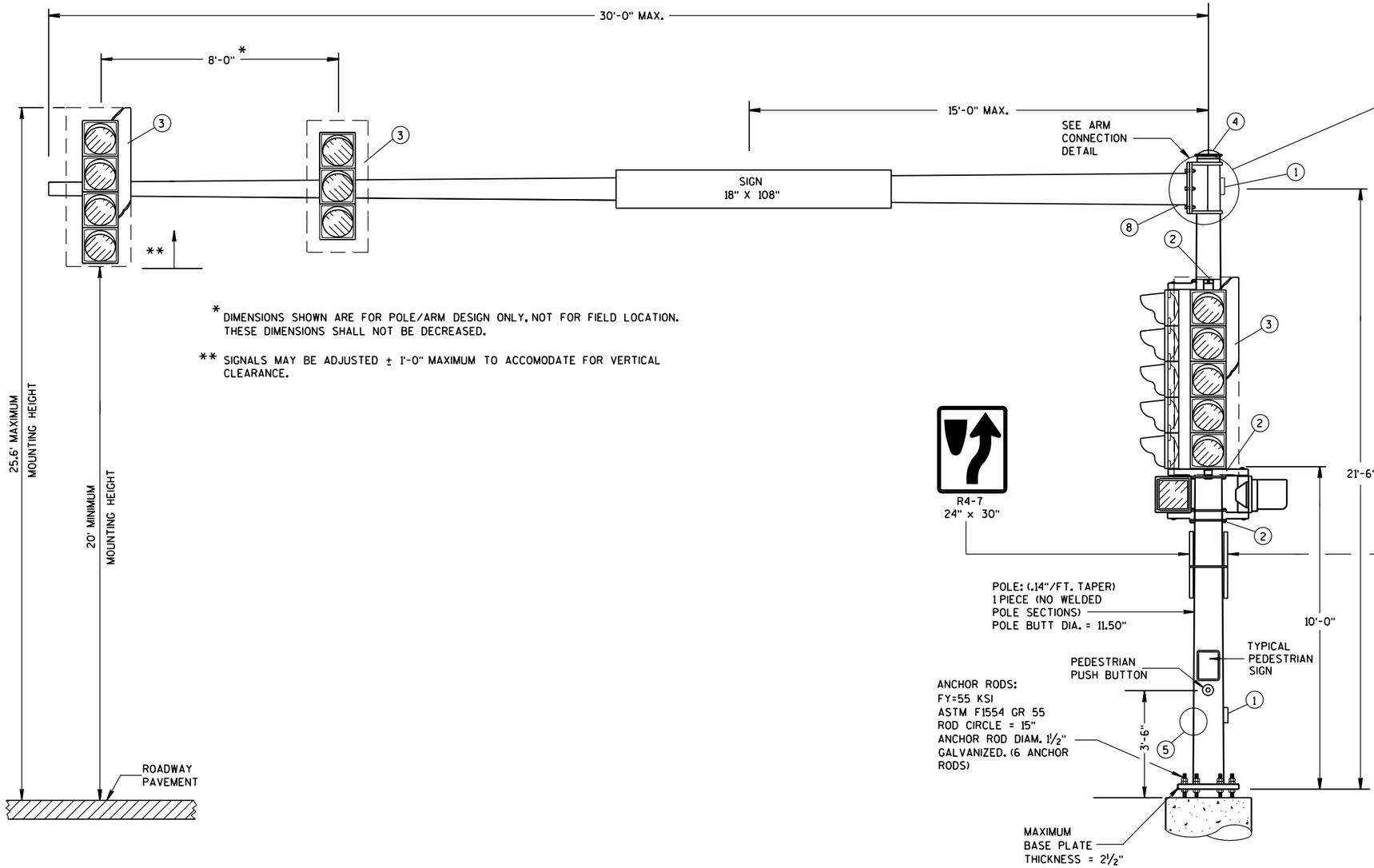
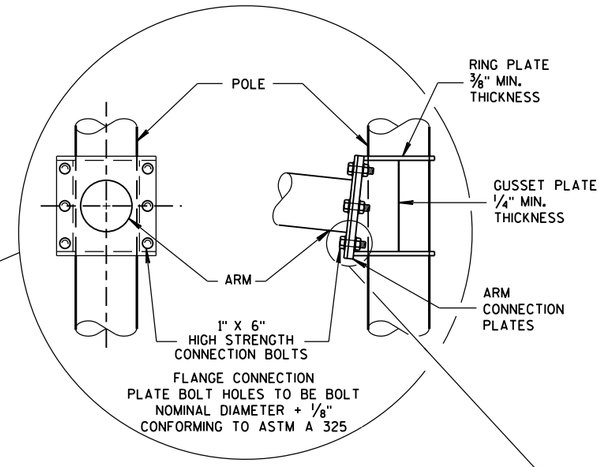
SDD 09E08 - 09k

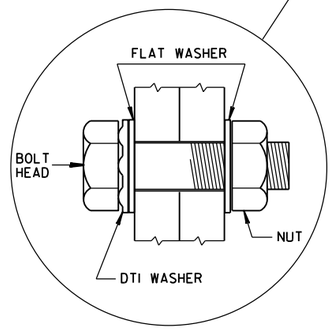


* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

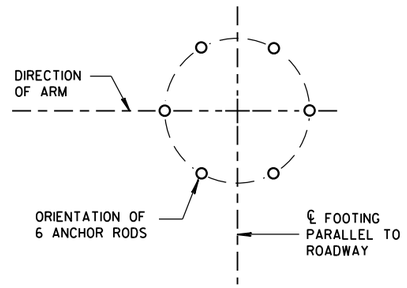
** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL



ANCHOR ROD LOCATION

(MAXIMUM LOAD)

OVER HEIGHT TYPE 9 POLE
15'- 30' MONOTUBE ARM

OVER HEIGHT TYPE 9 POLE 15' - 30' MONOTUBE ARM	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
May, 2017 (DATE)	/S/ Ahmet Demirbilek (STATE ELECTRICAL)
FHWA	

S.D.D. 9 E 12-1a

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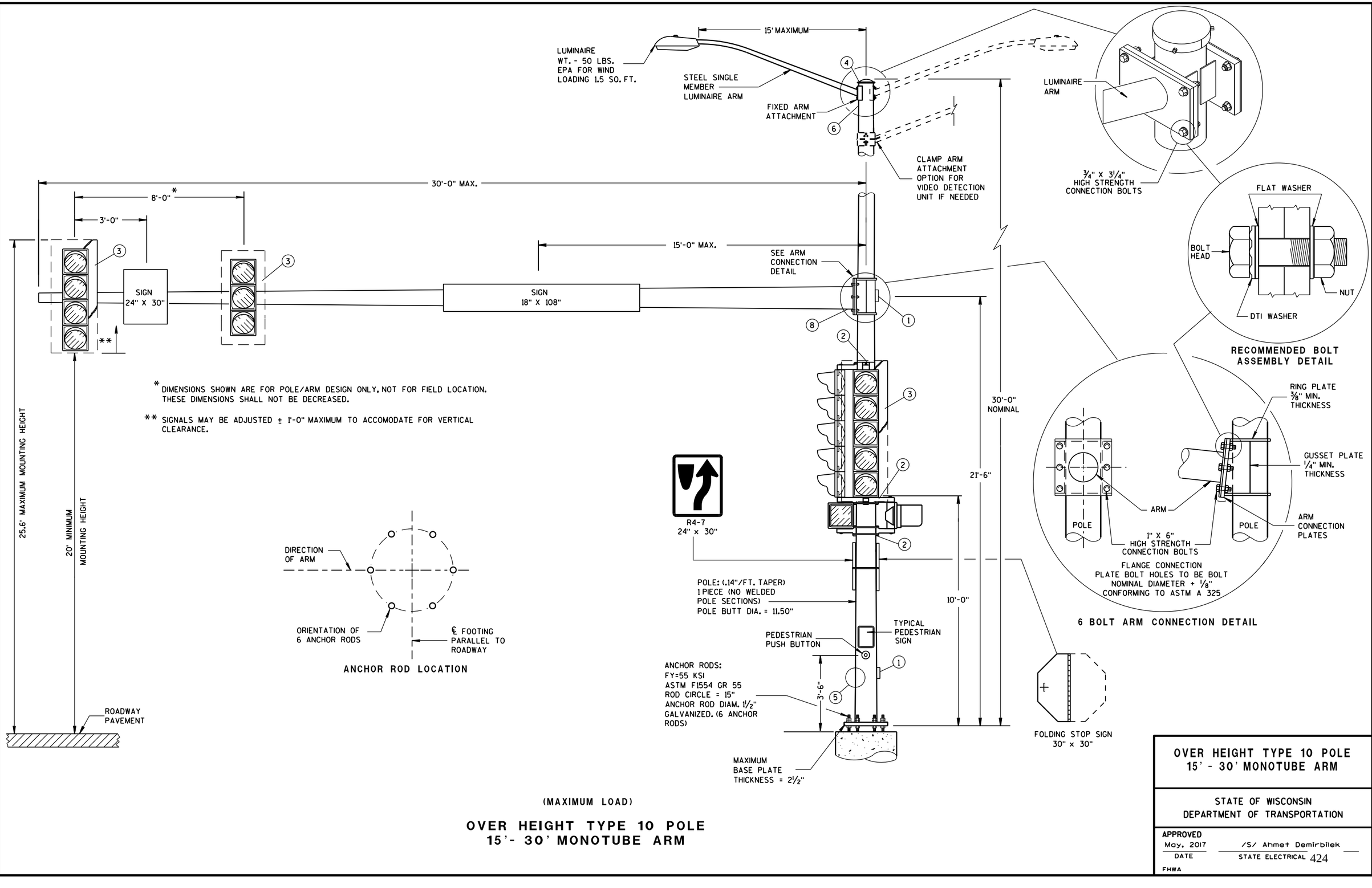

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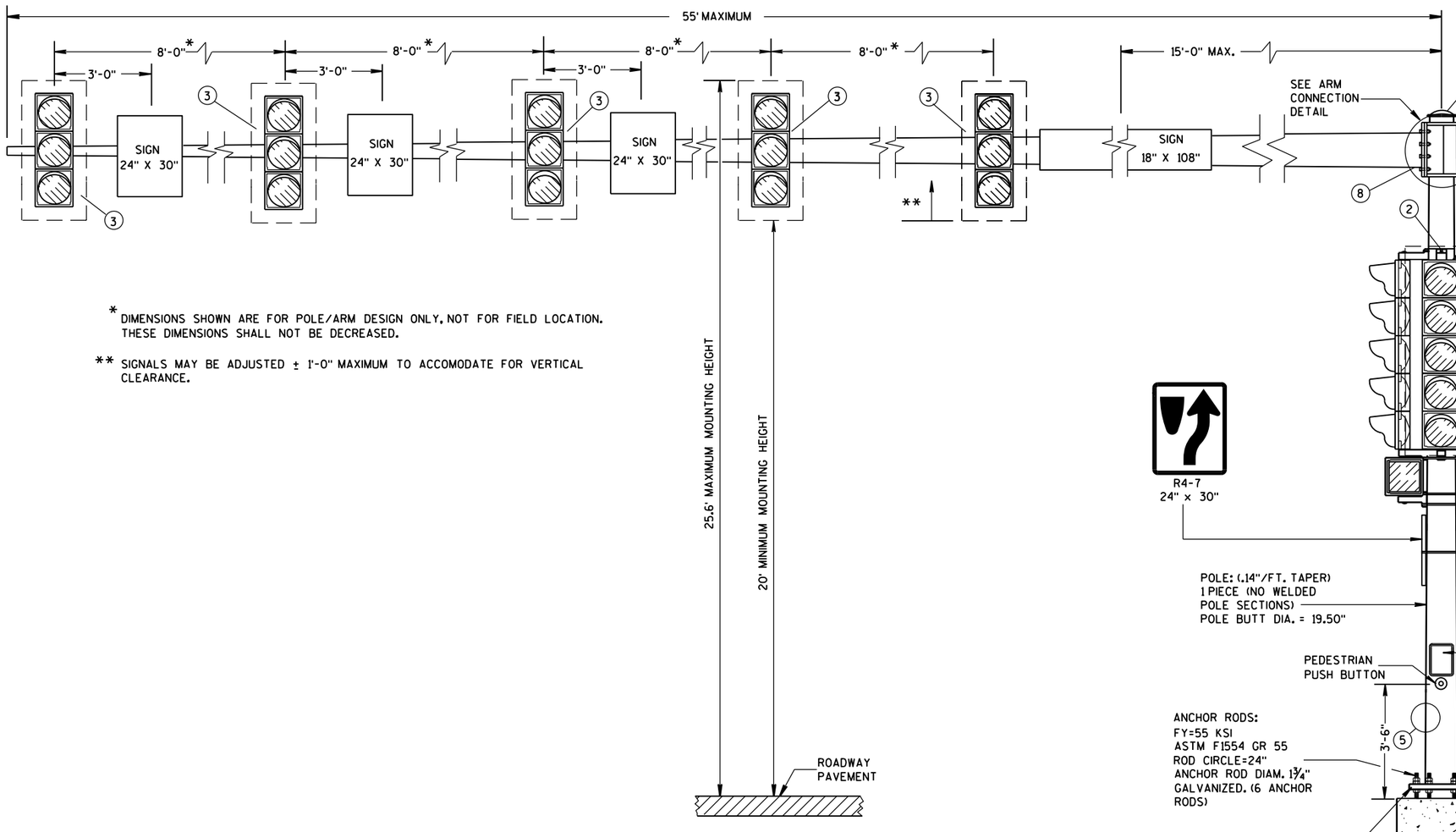
** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.

(MAXIMUM LOAD)

OVER HEIGHT TYPE 10 POLE
15'- 30' MONOTUBE ARM

OVER HEIGHT TYPE 10 POLE 15' - 30' MONOTUBE ARM	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May, 2017 DATE FHWA	/S/ Ahmet Demirbilek STATE ELECTRICAL

S.D.D. 9 E 12-1b



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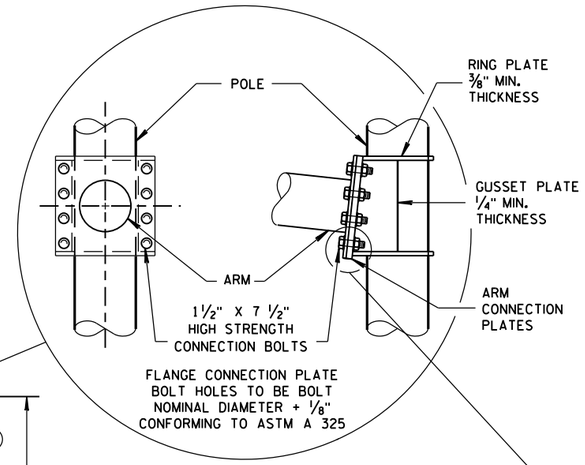
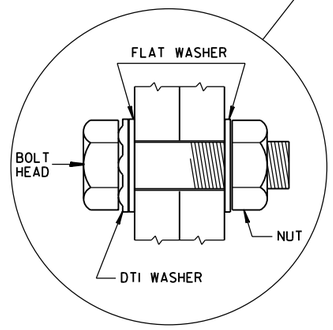
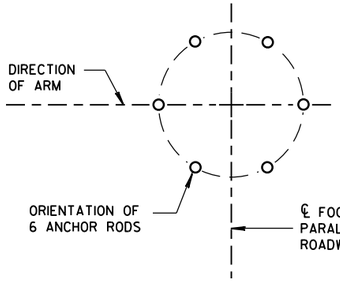
** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.



8 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL



ANCHOR ROD LOCATION

(MAXIMUM LOAD)

OVER HEIGHT TYPE 12 POLE 35'- 55' MONOTUBE ARM

OVER HEIGHT TYPE 12 POLE 35' - 55' MONOTUBE ARM	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
May, 2017 (DATE)	/S/ Ahmet Demirbilek (STATE ELECTRICAL) 425
FHWA	

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S.D.D. 9 E 12-1c

6

S.D.D. 9 E 12-1c

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

OVER HEIGHT POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15-FOOT TO 30-FOOT.

OVER HEIGHT POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35-FOOT TO 55-FOOT.

MONOTUBE POLE AND ARM SHALL BE GALVANIZED STEEL.

RING-STIFFENED BUILT-UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE (1) PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3 % ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNAL 2015 1ST EDITION (INCLUDING 2017 INTERIM REVISIONS) AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR TRAFFIC AND LIGHTING STRUCTURES AND AS FOLLOWS:

- CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 AND TYPE 10 STRUCTURES.
- CATEGORY II FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 12 AND TYPE 13 STRUCTURES.
- 90 MPH (3-SECOND GUST) WIND SPEED AND A 50 YEAR DESIGN LIFE.

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" S.S. BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR AS DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEADS AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HANDHOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING, (SEE SPECIFICATIONS SEC. 658).

(3) SECURELY MOUNT BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE END OF THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY-WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HANDHOLE, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

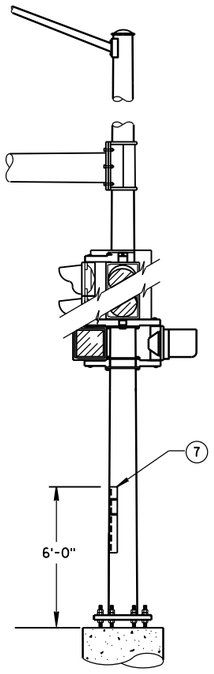
(6) FACTORY-WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

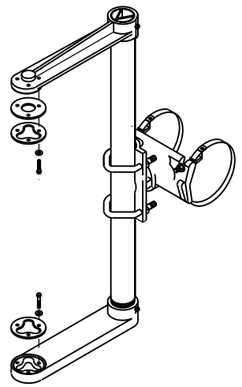
STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

MOUNTING HEIGHT SHALL BE 6'-0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.

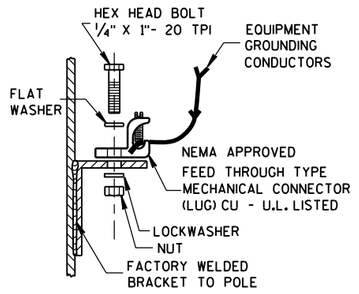


STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT



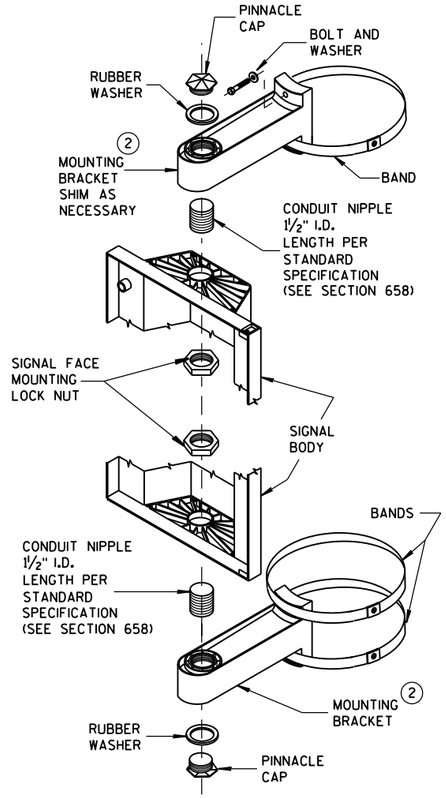
SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM

(MOUNT PER MANUFACTURER'S RECOMMENDATION)

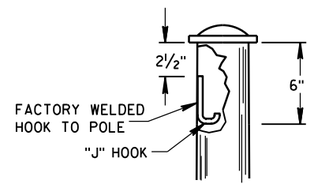


TYPICAL GROUNDING CONNECTIONS (5)

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



SIGNAL FACE VERTICAL MOUNTING DETAIL



"J" HOOK WIRE SUPPORT (6)

GENERAL NOTES AND HARDWARE DETAILS FOR OVER HEIGHT TYPE 9, 10, 12 & 13 POLES WITH MONOTUBE ARMS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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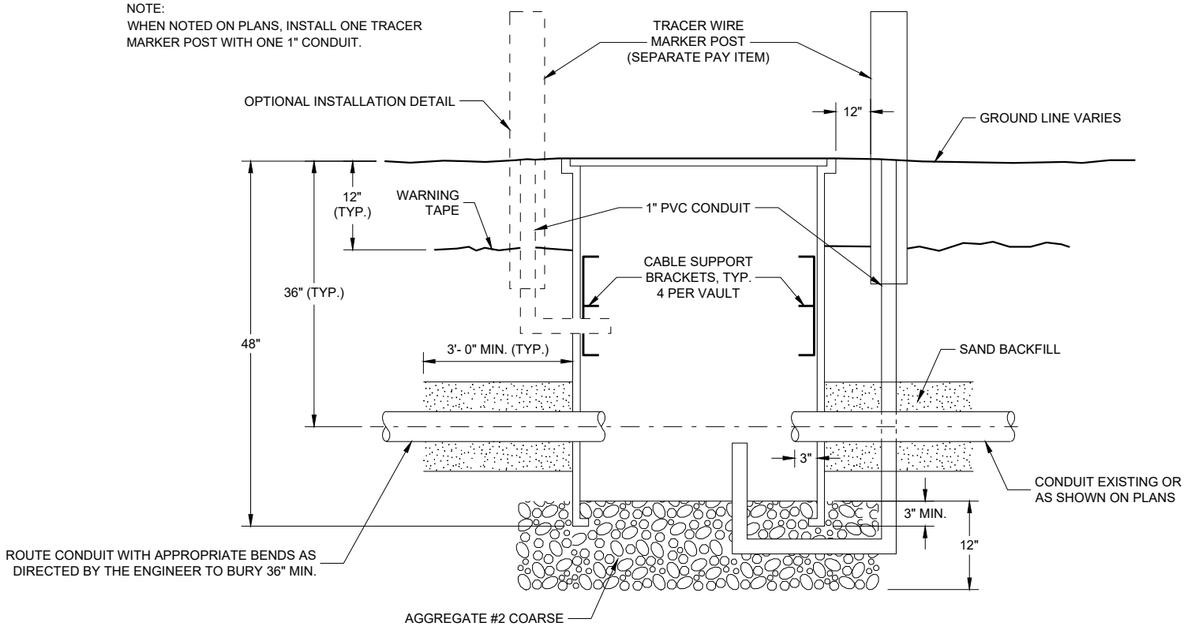
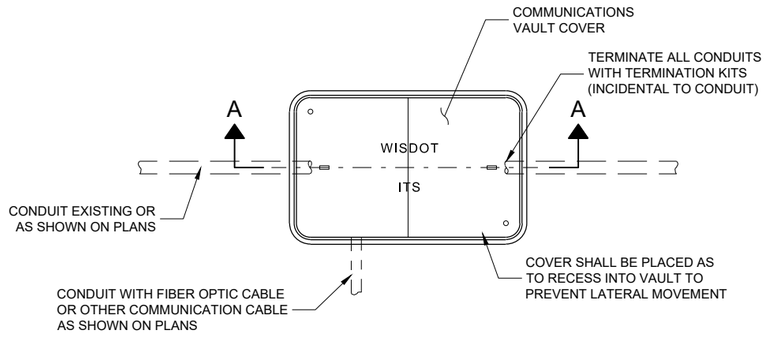
S.D.D. 9 E 12-1e

NOTE:
WHEN NOTED ON PLANS, INSTALL ONE TRACER MARKER POST WITH ONE 1" CONDUIT.



SECTION A - A



PLAN VIEW

COMMUNICATIONS VAULT TYPE 1

GENERAL NOTES

PROVIDE VAULT WITH OPEN BASE.

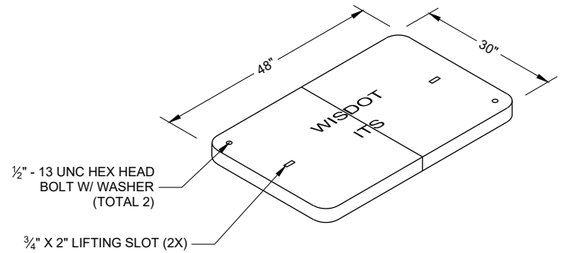
COVER SHALL HAVE A MINIMUM DESIGN LOAD OF 15,000 LBS AND SHALL LOCK.

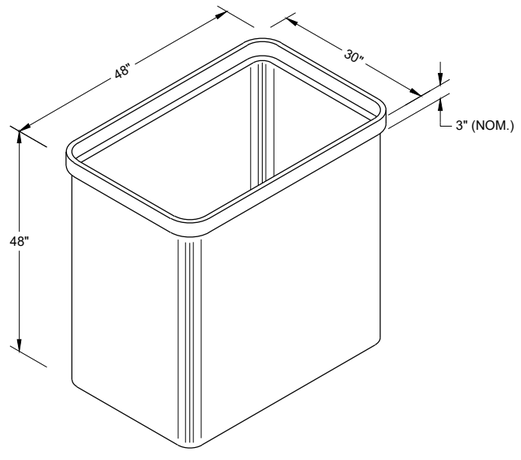
ALL OPENINGS IN STRUCTURE MUST BE MACHINED AT TIME OF FABRICATION, OR PUNCH DRIVEN AT TIME OF PLACEMENT.

VAULTS SHALL BE OF ONE-PIECE CONSTRUCTION. TWO-PIECE/STACKABLE VAULTS WILL NOT BE PERMITTED.

FIELD PLACEMENT OF COMMUNICATIONS VAULTS SHALL BE AS DIRECTED BY THE ENGINEER.

FIBER TRACER MARKER POSTS SHALL BE CONSTRUCTED WITH HIGH-IMPACT PLASTIC MATERIAL WHICH IS FADE RESISTANT AND UV STABLE. ALL HARDWARE SHALL BE STAINLESS STEEL AND CONTAIN A MINIMUM OF FIVE STANDARD TERMINALS.





ISOMETRIC VIEW

COMMUNICATION VAULT TYPE 1	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2017 DATE	/S/ Ahmet Demirbilek STATE ELECTRICAL ENGI 427

FHWA

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SDD 09H09 - 02

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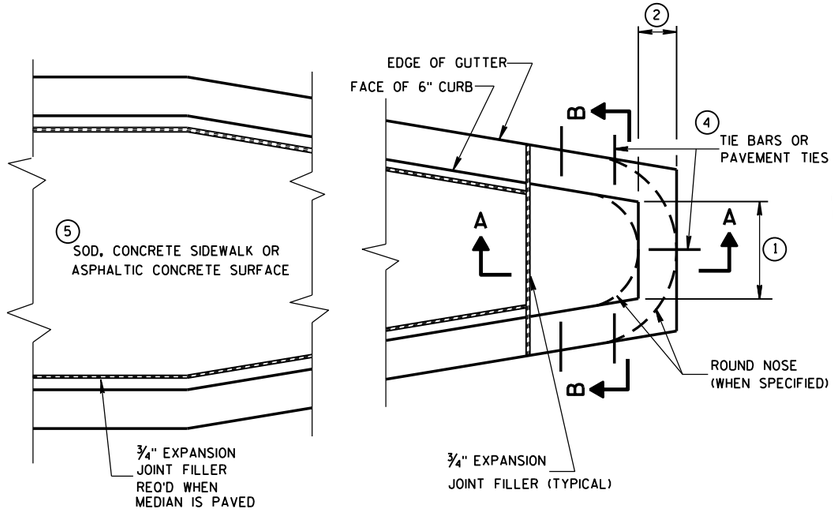
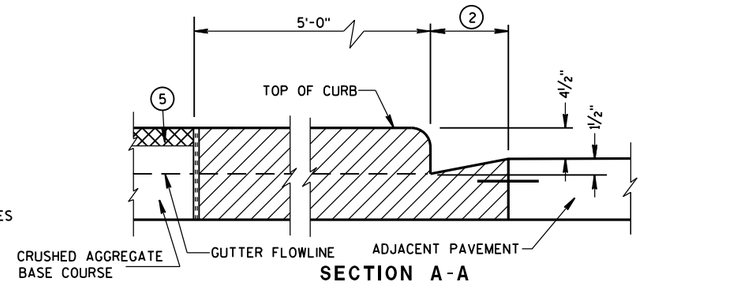
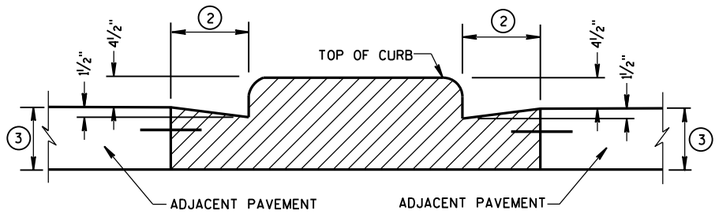
SDD 09H09 - 02



CONCRETE MEDIAN BLUNT NOSE DETAIL





GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

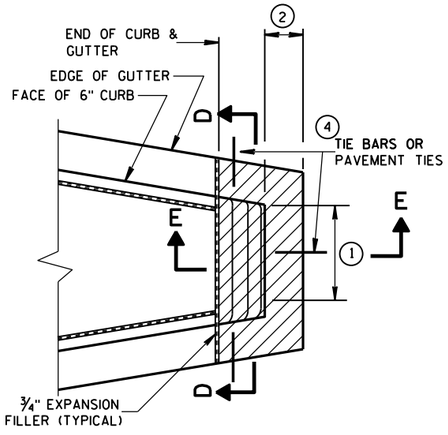
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

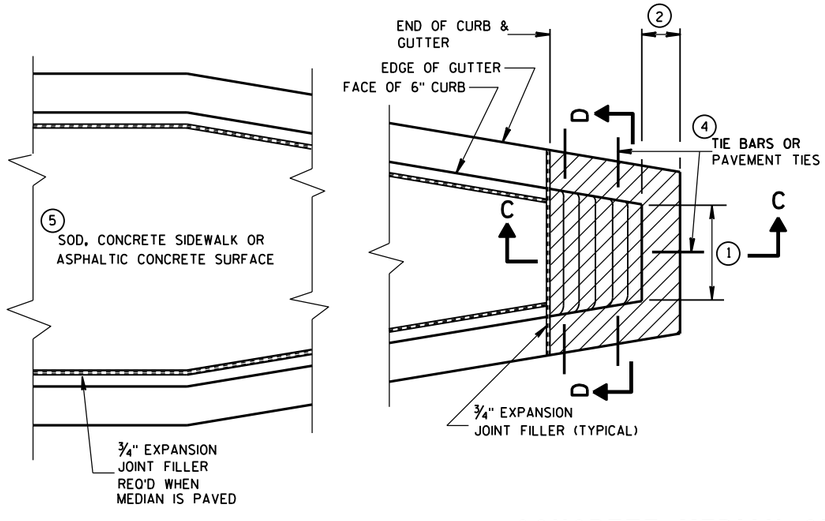
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

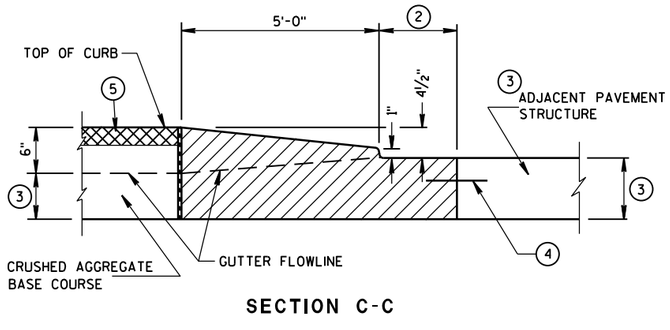
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

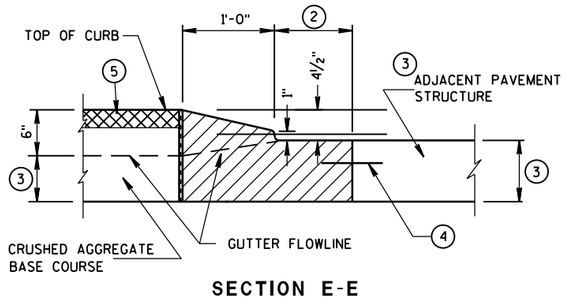
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



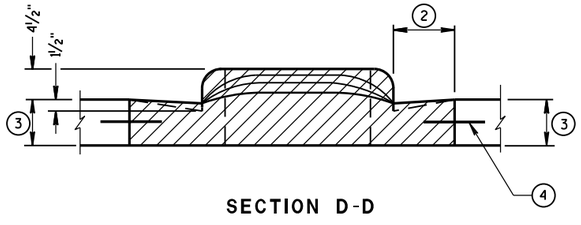


CONCRETE MEDIAN SLOPED NOSE TYPE 1





CONCRETE MEDIAN SLOPED NOSE TYPE 2



CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/8/2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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S.D.D. 11 B 2-2

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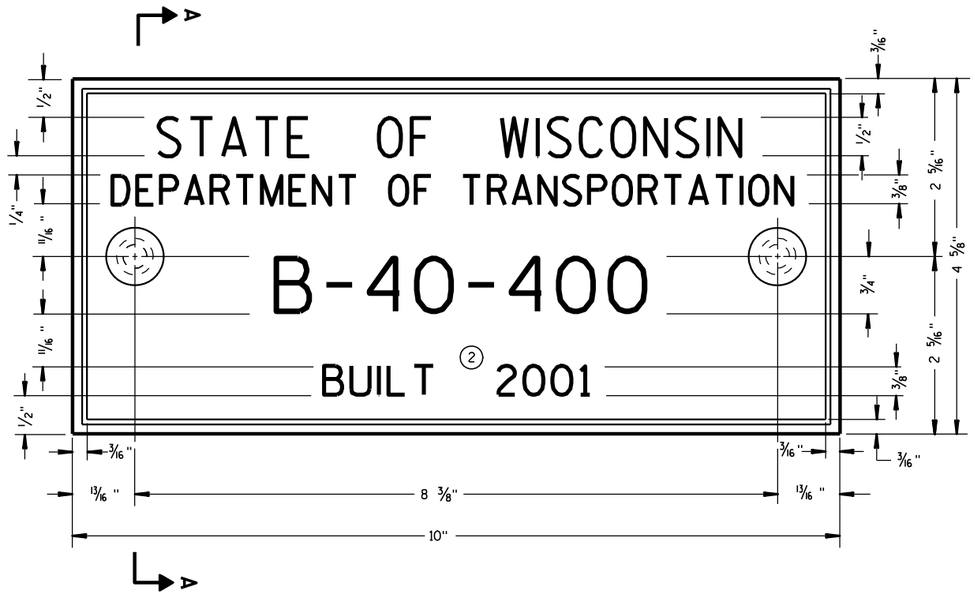
S.D.D. 11 B 2-2



TYPICAL NAME PLATE
(BRIDGES, CULVERTS, AND RETAINING WALLS)

NUMBERING DESIGNATION
MULTI-UNIT STRUCTURES

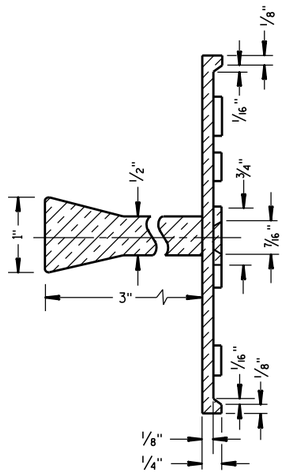
GENERAL NOTES

NAME PLATES TO BE INSTALLED ON BRIDGES, CULVERTS, AND RETAINING WALLS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS.

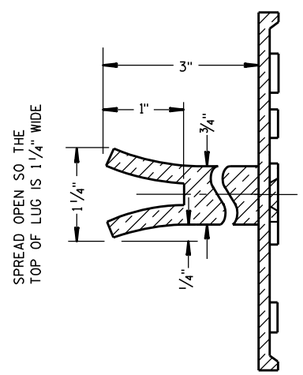
THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

(1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

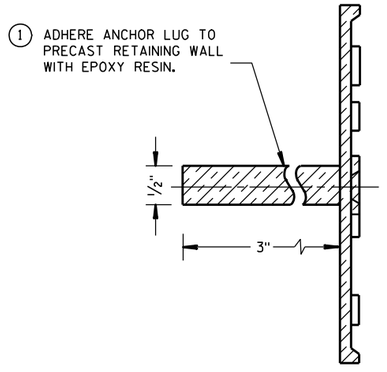
(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



SECTION A-A



ALTERNATE LUG



ALTERNATE LUG
(FOR ATTACHMENT TO PRECAST STRUCTURES)

NAME PLATE (STRUCTURES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

3/26/10 DATE

/S/ Scot Beck -- CHIEF STRUCTURAL DEVELOP ENGINEER

FHWA

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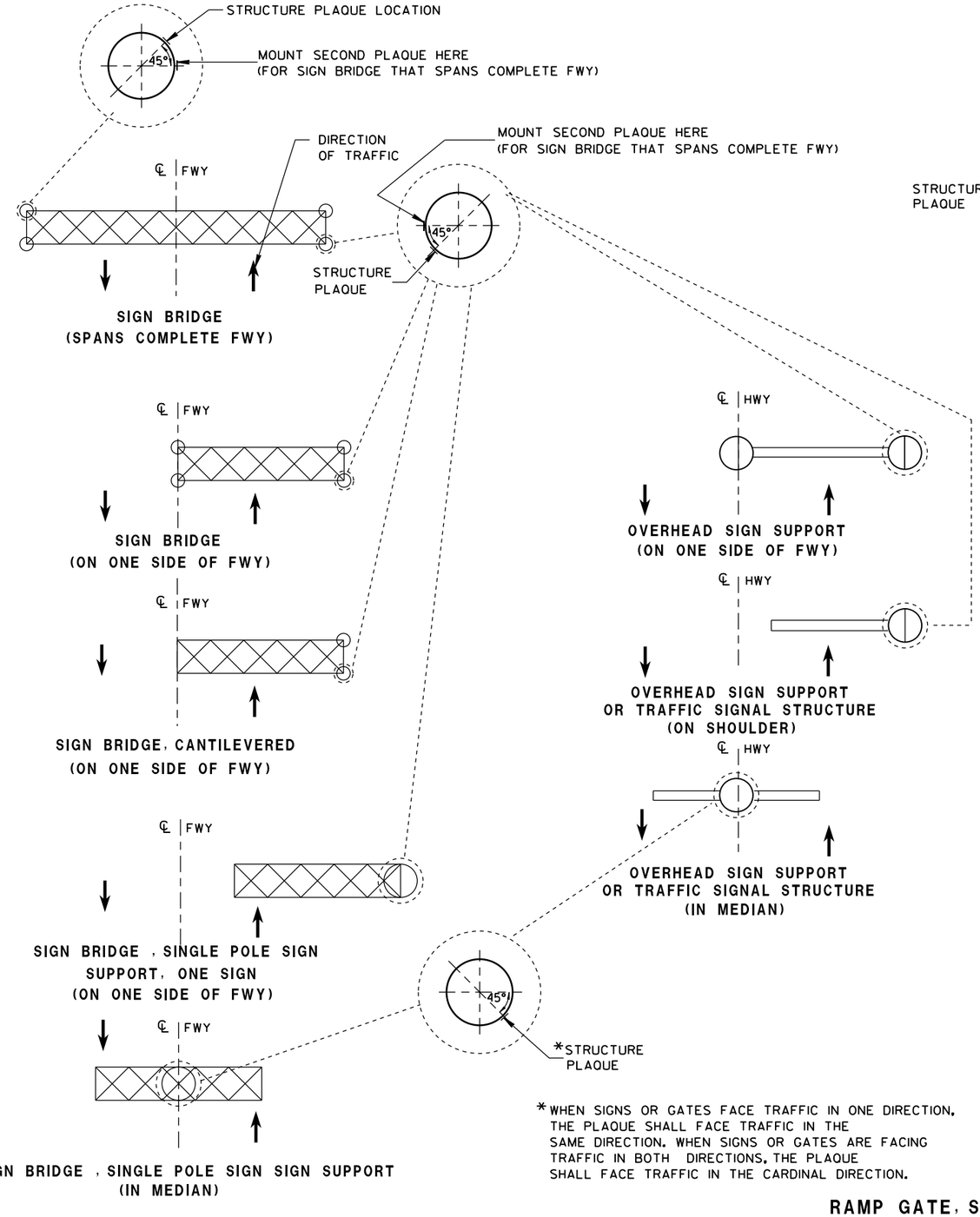
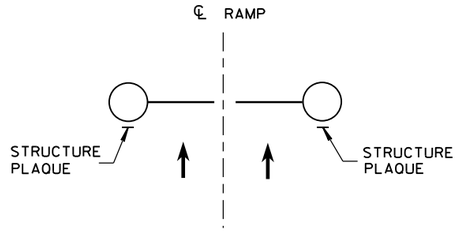
S.D.D. 12 A 3-10

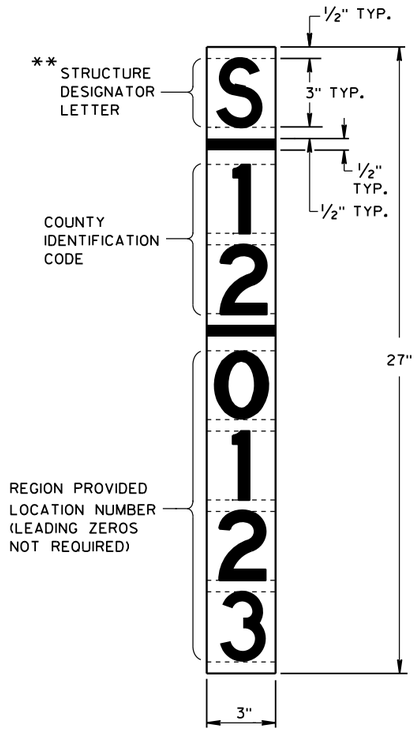


* WHEN SIGNS OR GATES FACE TRAFFIC IN ONE DIRECTION, THE PLAQUE SHALL FACE TRAFFIC IN THE SAME DIRECTION. WHEN SIGNS OR GATES ARE FACING TRAFFIC IN BOTH DIRECTIONS, THE PLAQUE SHALL FACE TRAFFIC IN THE CARDINAL DIRECTION.

LOCATION OF RAMP GATE, SIGN BRIDGE, OVERHEAD SIGN SUPPORT & TRAFFIC SIGNAL STRUCTURE PLAQUES



**RAMP GATE
(ACROSS FWY ON-RAMP)**



** LETTER "G" UTILIZED FOR RAMP GATES. LETTER "S" UTILIZED FOR SIGN BRIDGES, OVERHEAD SIGN SUPPORTS, AND TRAFFIC SIGNALS.

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN IN THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PLAQUES SHALL BE INCIDENTAL TO ALL NEW INSTALLATIONS.

IF THE PROPOSED SIGN BRIDGE OR OVERHEAD SIGN SUPPORT IS REPLACING AN EXISTING SIGN BRIDGE OR OVERHEAD SIGN SUPPORT, A NEW IDENTIFICATION PLAQUE WILL BE REQUIRED.

FASTEN TOP, CENTER AND BOTTOM OF PLAQUE TO POLE OR OTHER LOCATION AS FOLLOWS:

GALVANIZED STEEL SHAFT - 3 STAINLESS STEEL POP RIVETS

A588 STEEL SHAFT - SHIM FOR DRAINAGE WITH STAINLESS WASHERS; FASTEN WITH STAINLESS SELF-TAPPING SCREWS

ALUMINUM SHAFTS - 3 ALUMINUM POP RIVETS

MOUNTING HEIGHT SHALL BE APPROXIMATELY 5.0' ABOVE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL OBSTRUCT.

PLAQUE MATERIALS:

BASE - SHEET ALUMINUM, 0.060" THICK.

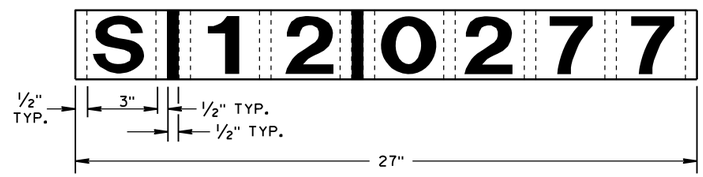
FACE - WHITE, SELF-ADHESIVE VINYL SHEETING, NON-RETROREFLECTIVE

LINES - BLACK, ½" WIDE, SELF-ADHESIVE

CHARACTERS:- BLACK, SELF ADHESIVE, SERIES "D", SIZE AS SHOWN.

FOR SIGN BRIDGES, STRUCTURE MOUNTED, THE STRUCTURE PLAQUE SHALL BE MOUNTED HORIZONTALLY AS SHOWN ON THE DRAWING. THE STRUCTURE PLAQUE SHALL BE MOUNTED HORIZONTALLY TO THE BACK OF THE SIGN, BETWEEN THE ALUMINUM EXTRUSIONS, NEAR THE TOP LEFT HAND CORNER OF THE SIGN. THE BASE MATERIAL SHALL BE OMITTED AND THE FACE ADHERED DIRECTLY TO THE ALUMINUM SURFACE. PRIOR TO ADHERING THE MATERIAL, THE ALUMINUM SURFACE SHALL BE SMOOTH, CLEAN AND DRY.

WHERE SIGN BRIDGE ILLUMINATION IS PROVIDED, THE STRUCTURE MUST ALSO HAVE A SIGN BRIDGE CIRCUIT PLAQUE AS SHOWN IN THE ELECTRICAL DETAILS.



IDENTIFICATION PLAQUE FOR SIGN BRIDGE, STRUCTURE MOUNTED

RAMP GATE, SIGN BRIDGE, OVERHEAD SIGN SUPPORT AND TRAFFIC SIGNAL STRUCTURE PLAQUE FOR SIGN BRIDGES AND OVERHEAD SIGN SUPPORT WHICH ARE NOT STRUCTURE MOUNTED

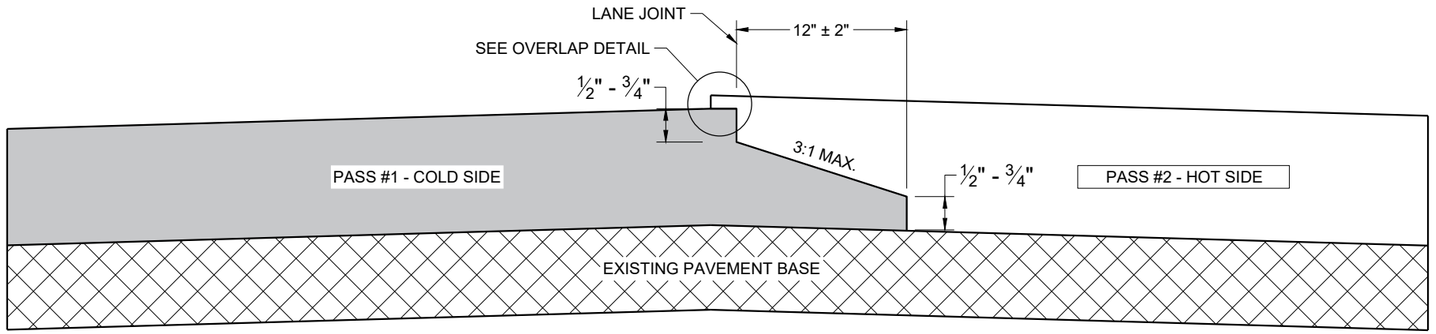
STRUCTURE IDENTIFICATION PLAQUES, RAMP GATES, SIGN BRIDGES, OVERHEAD SIGN SUPPORTS, & TRAFFIC SIGNALS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

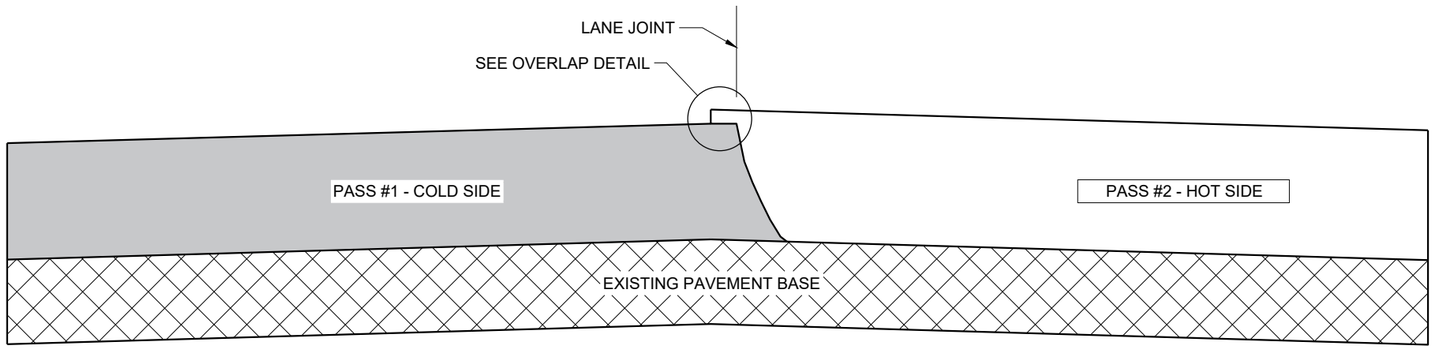
APPROVED
12/4/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

6

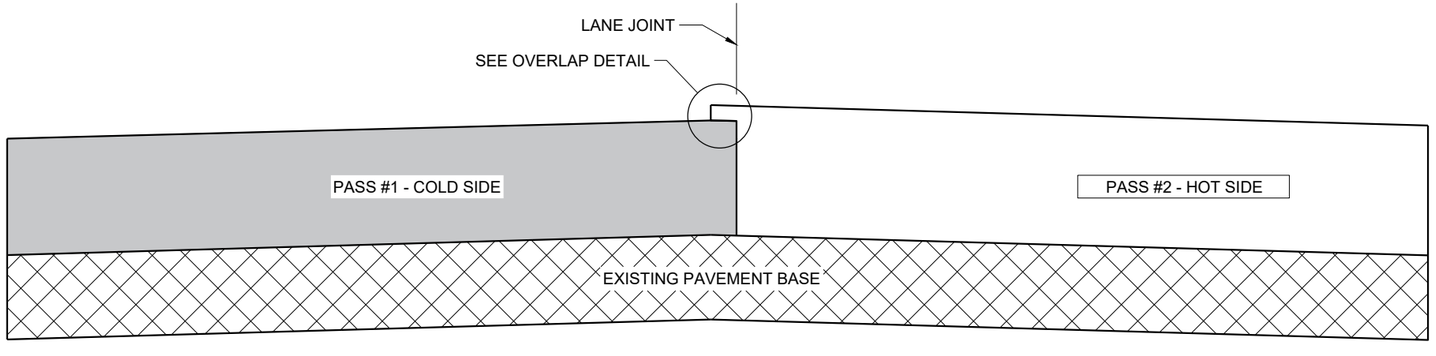
S.D.D. 12 A 4-3



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

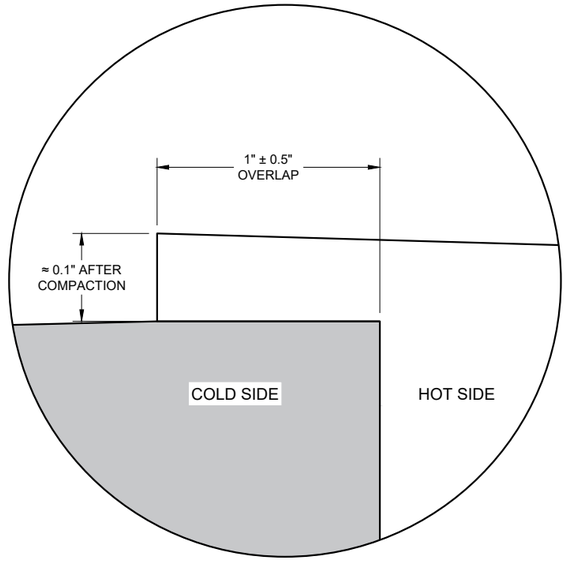
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

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SDD 13C19 - 03

SDD 13C19 - 03

HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

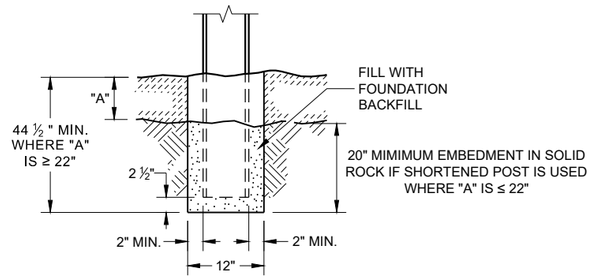
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

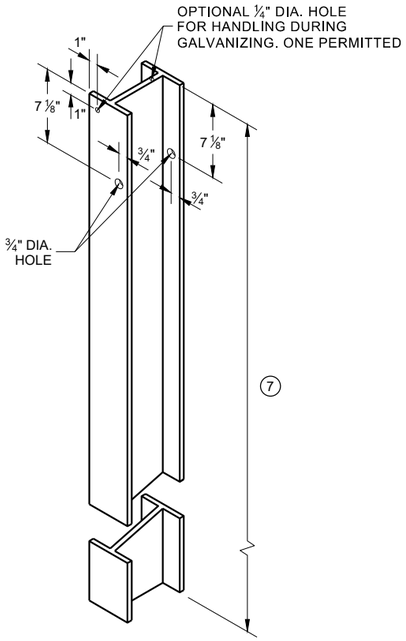
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

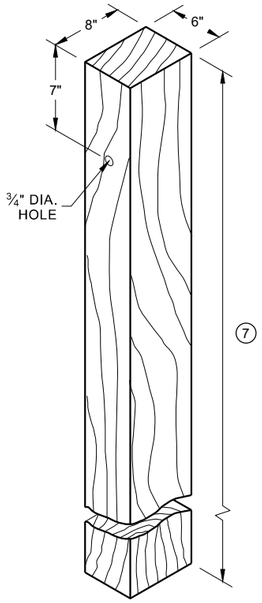
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



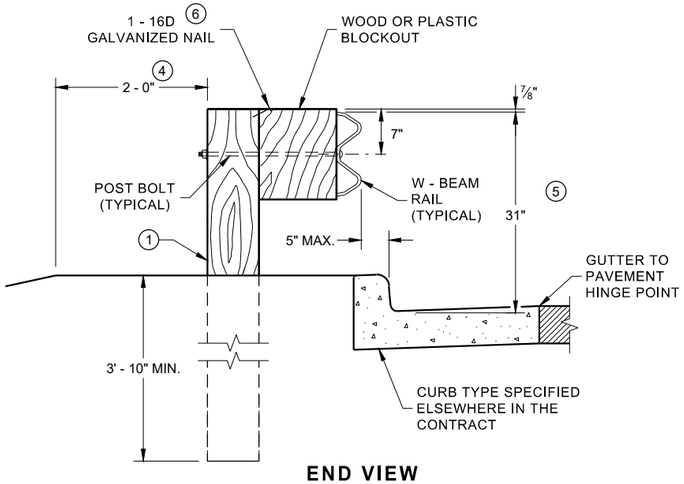
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



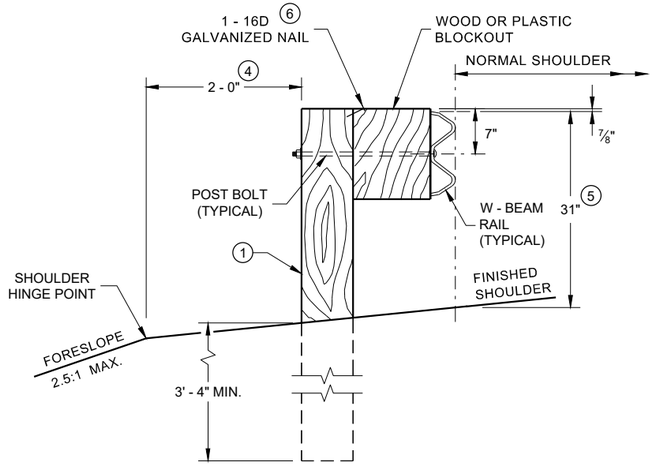
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



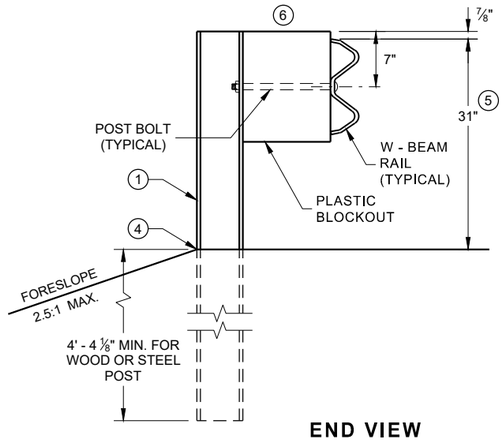
WOOD POST (6" X 8") NOMINAL (1)



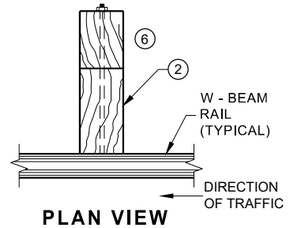
END VIEW
LOCATED ALONG A CURBED ROADWAY



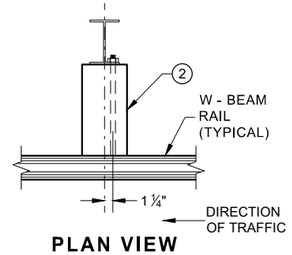
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



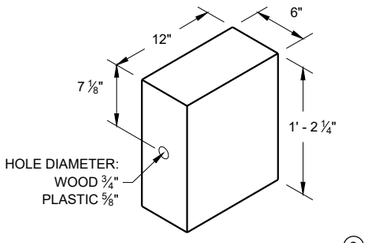
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



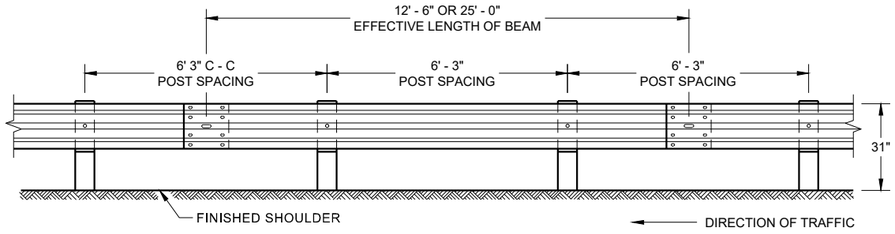
PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



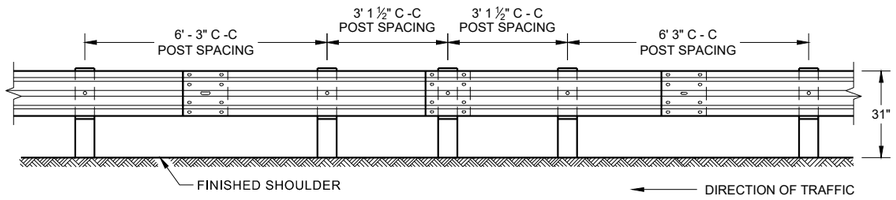
WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

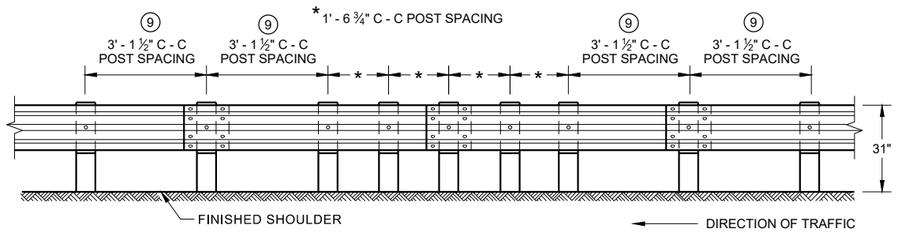
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



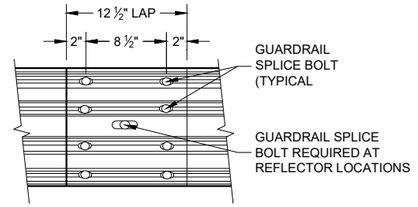
FRONT VIEW
POST SPACING STANDARD INSTALLATION



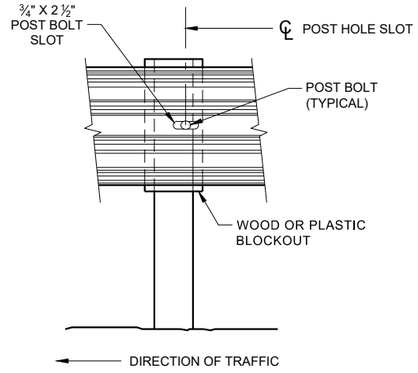
FRONT VIEW
HALF POST SPACING (HS) AND
HALF POST SPACING WITH LONGER POSTS (K)



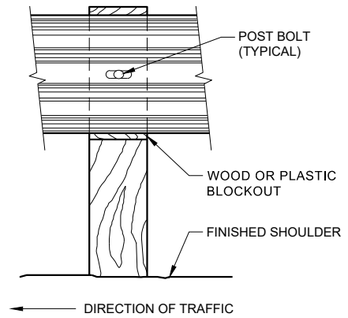
FRONT VIEW
QUARTER POST SPACING (QS)



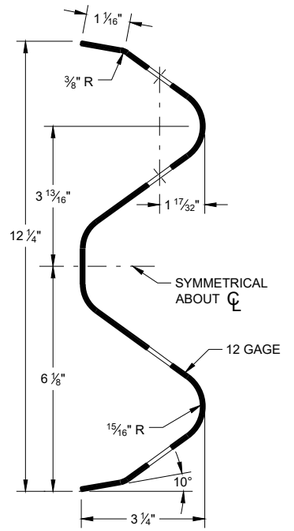
FRONT VIEW
MID-SPAN BEAM SPLICE



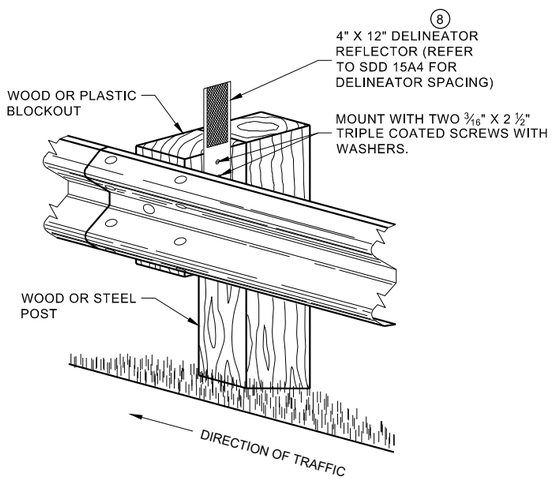
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL
AND TYPICAL INSTALLATION

GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

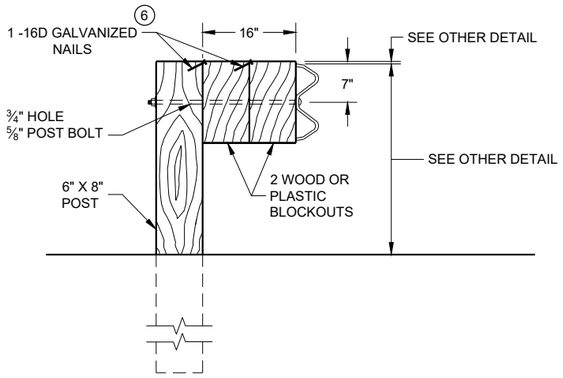
GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B42 - 07b

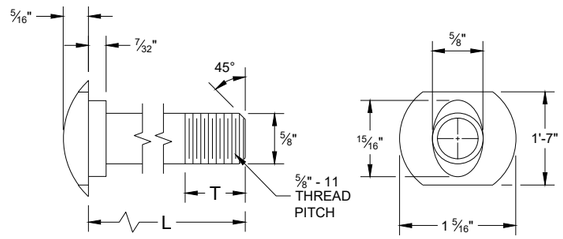


DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

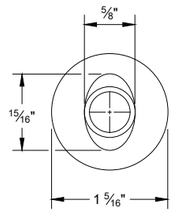
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

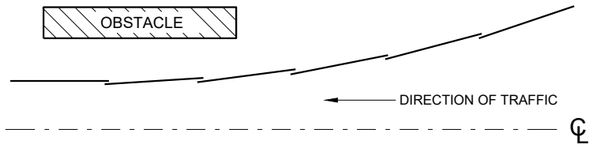


POST BOLT TABLE

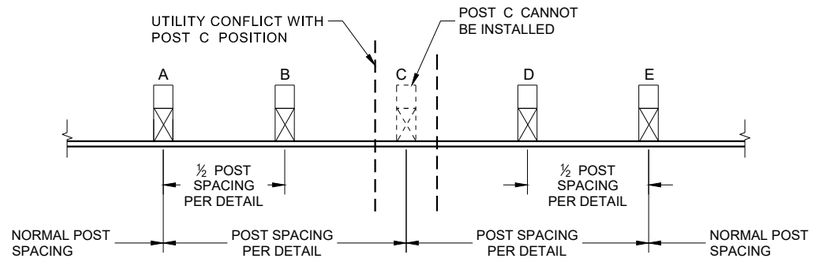
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



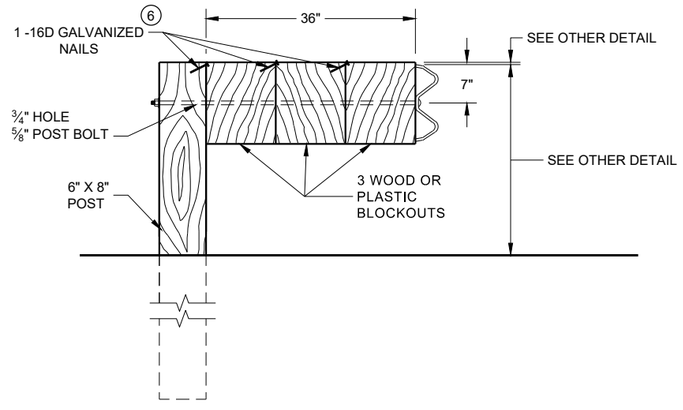
ALTERNATE BOLT HEAD



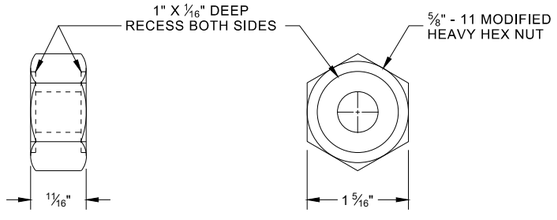
PLAN VIEW
BEAM LAPPING DETAIL



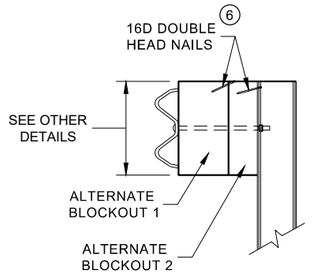
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



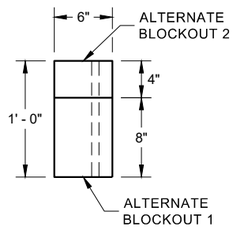
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

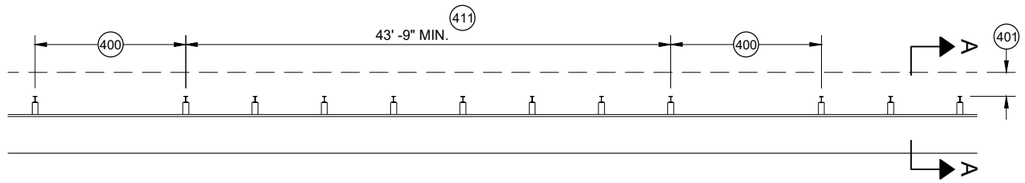
ALTERNATE WOOD BLOCKOUT DETAIL

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

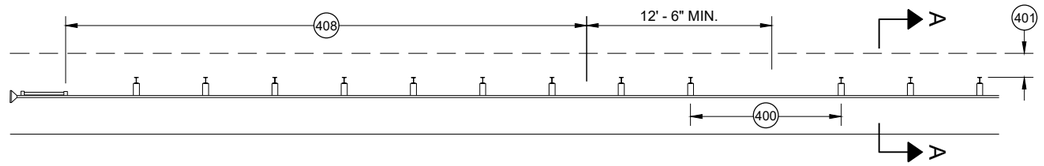
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

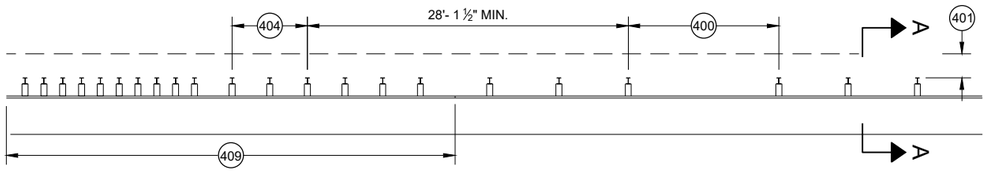
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL



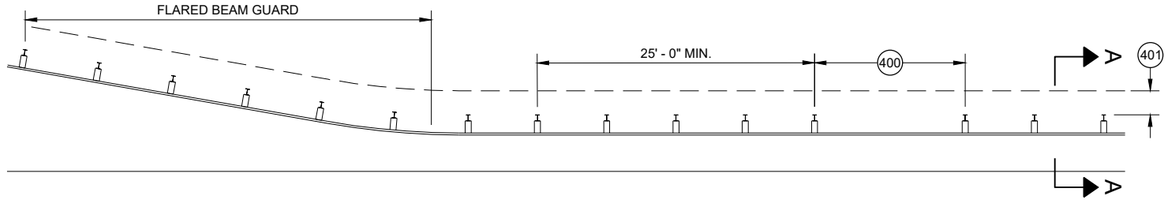
MISSING POST IN MGS GUARDRAIL



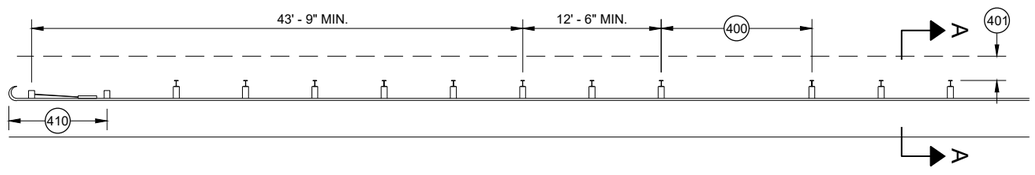
MISSING POST IN MGS GUARDRAIL NEAR EAT



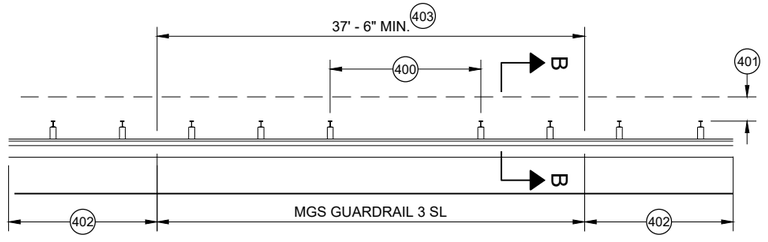
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

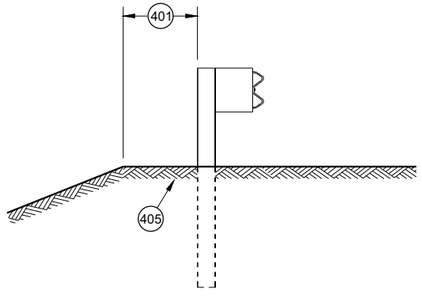


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

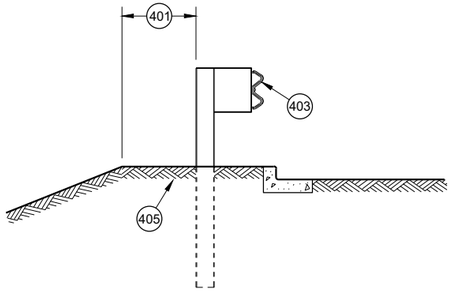


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

6

SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

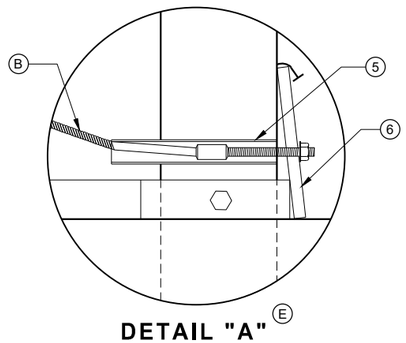
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

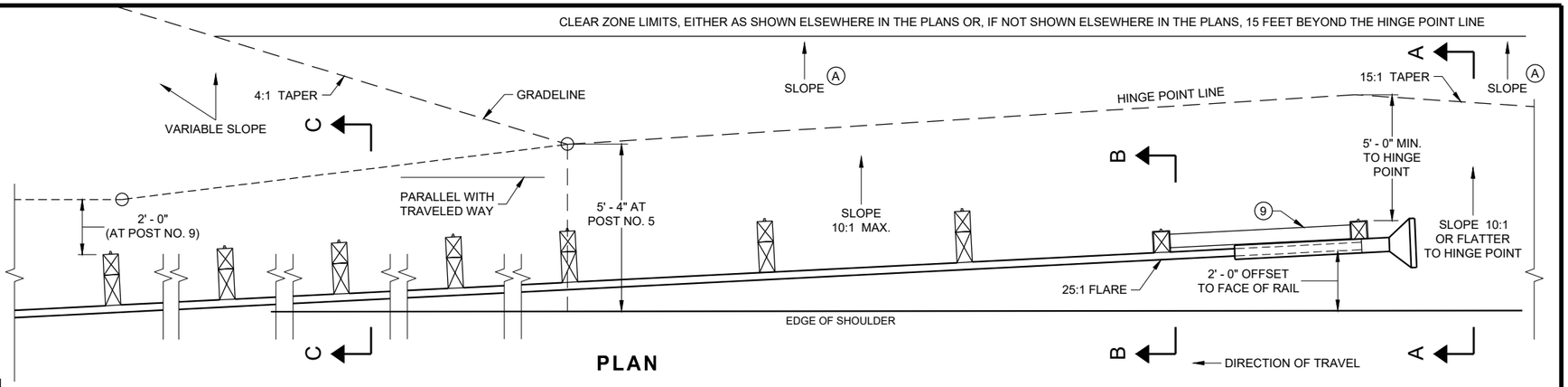
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

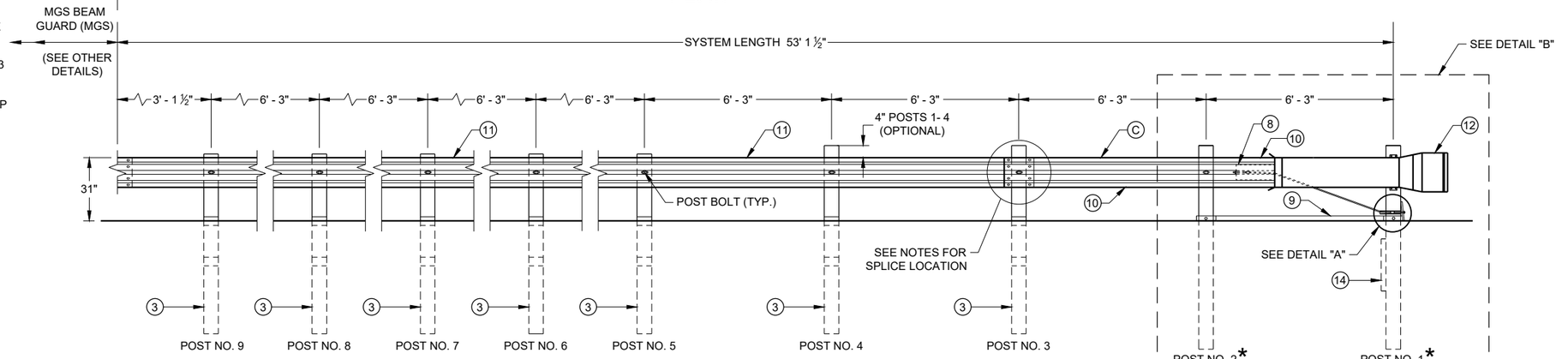
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



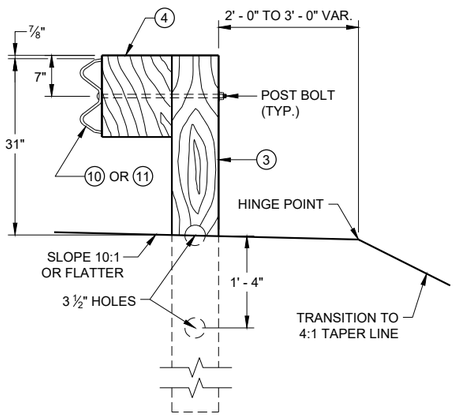
DETAIL "A" (E)



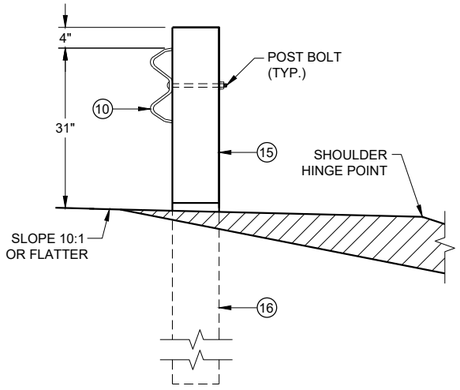
PLAN



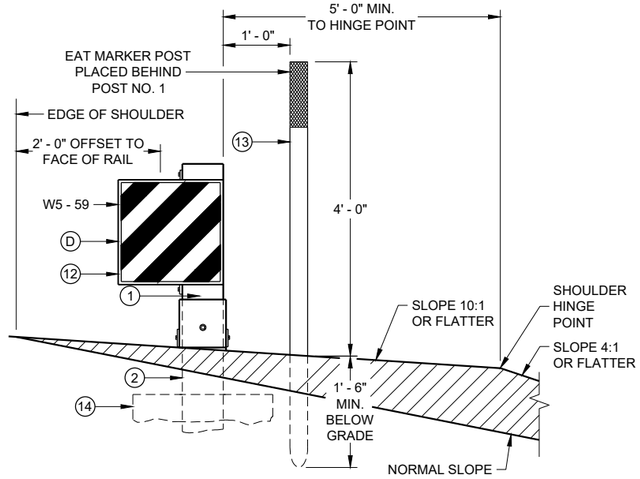
ELEVATION



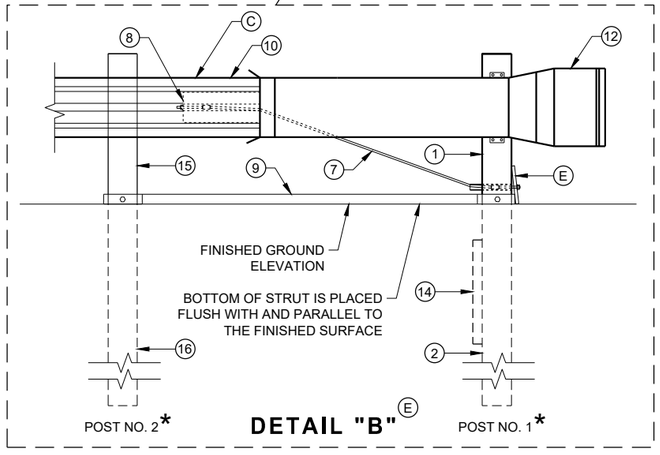
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

SDD 14B44 - 04a

6

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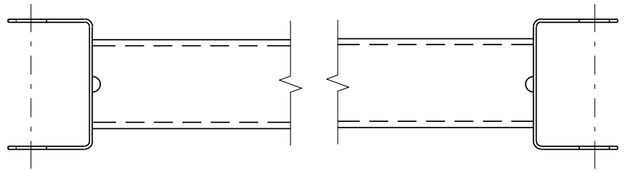
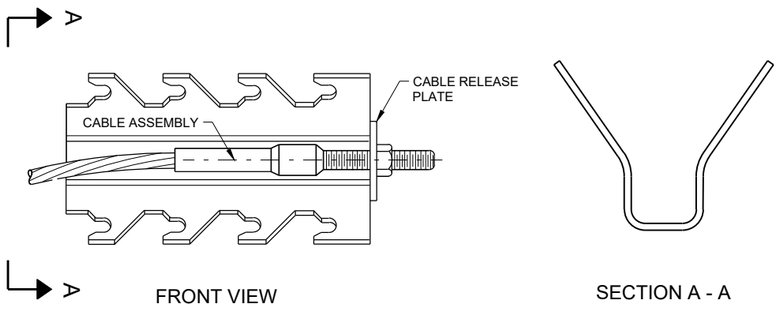


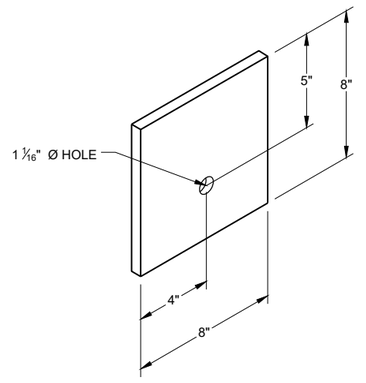
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX ⑨ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

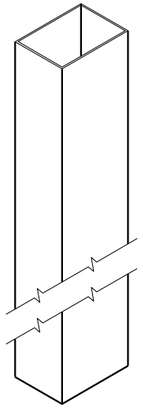
6

SDD 14B44 - 04b

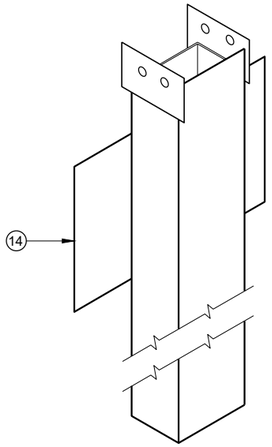
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

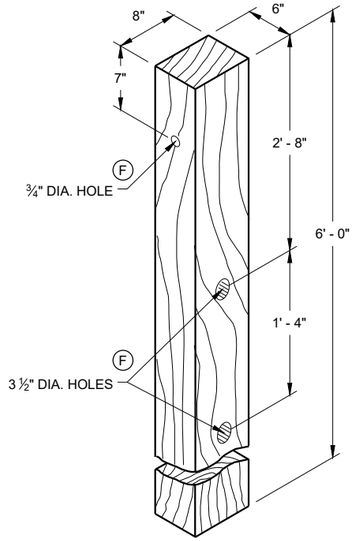
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



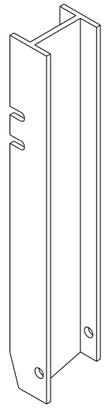
UPPER POST NO. 1 (1) (E)



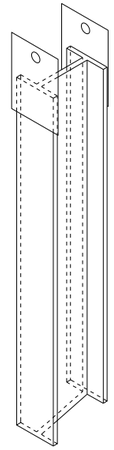
LOWER POST NO. 1 (2) (E)



WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



UPPER POST NO. 2 (15) (E)



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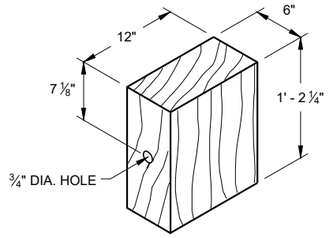
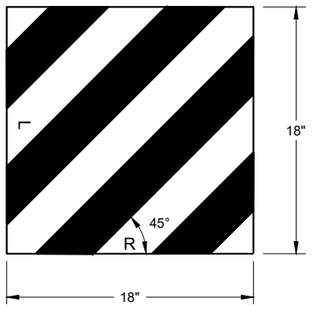
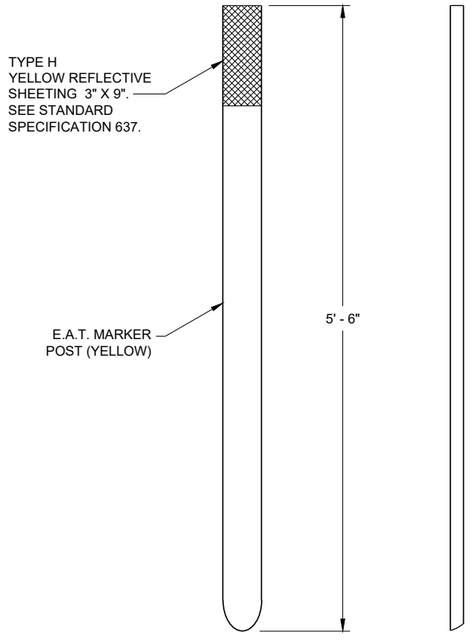


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



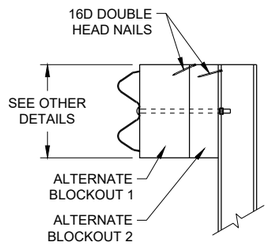
W5 - 59

REFLECTIVE SHEETING DETAIL (E)

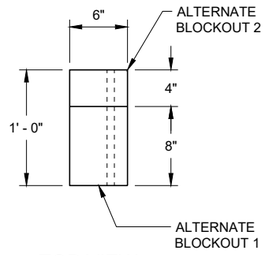


FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW



TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

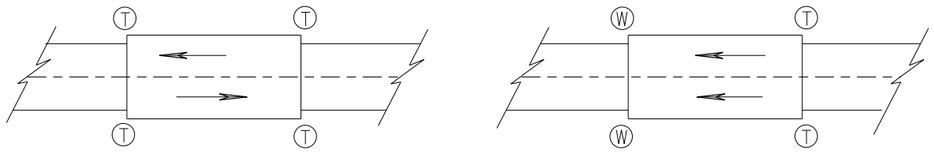
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

6

SDD 14B44 - 04c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

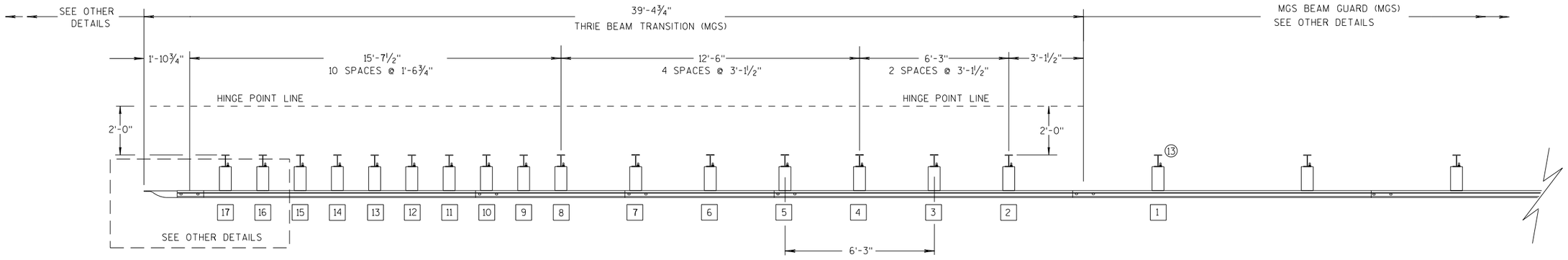
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

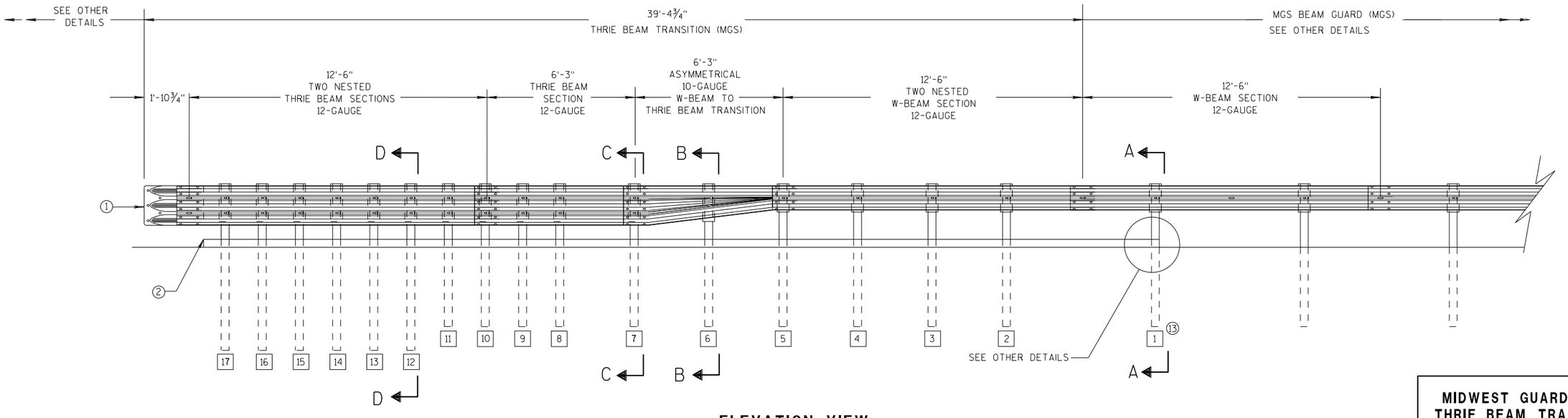
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD14B42



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 439

6

S.D.D. 14 B 45-5a

6

S.D.D. 14 B 45-5a

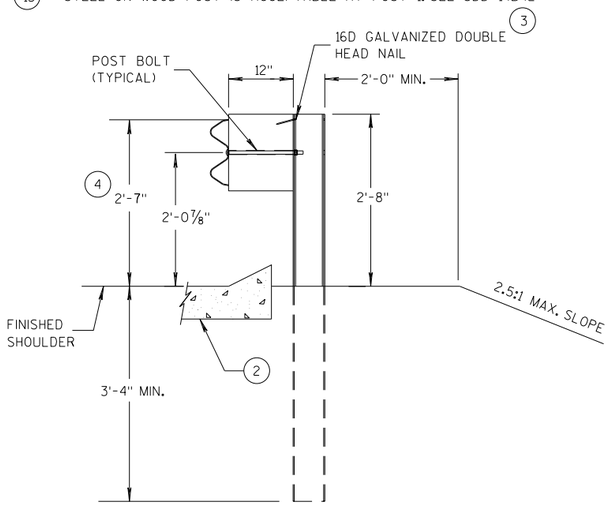
GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

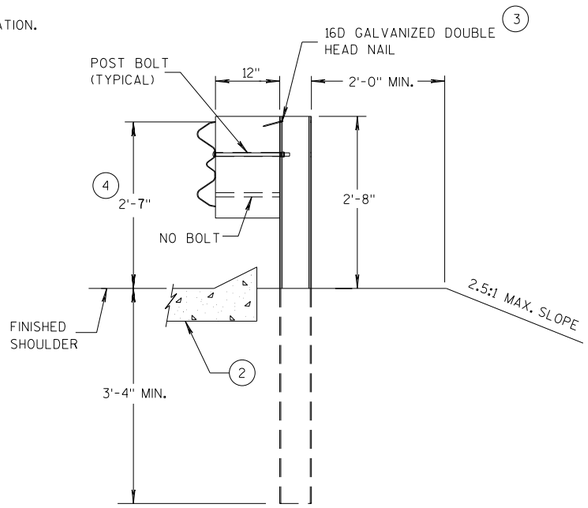
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42



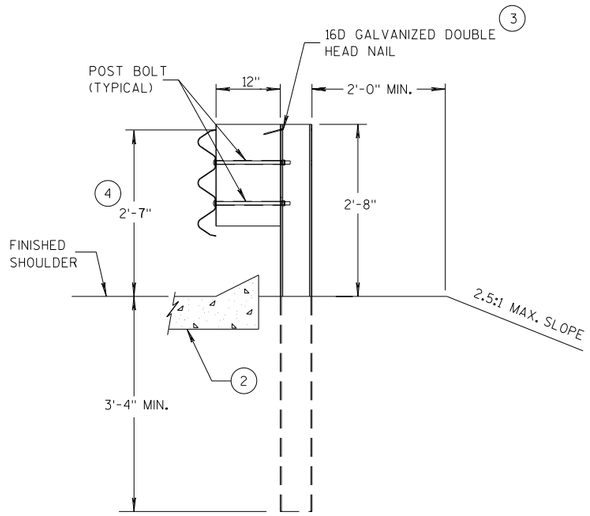
SECTION A-A (13)

POSTS 1-5



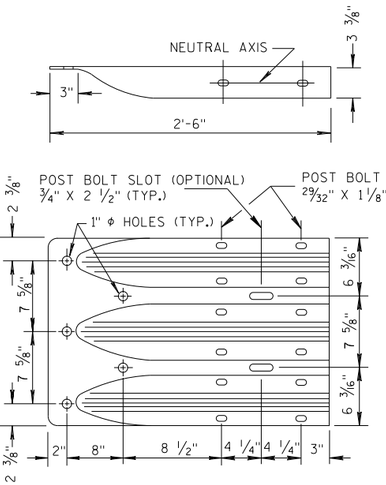
SECTION B-B

POST 6

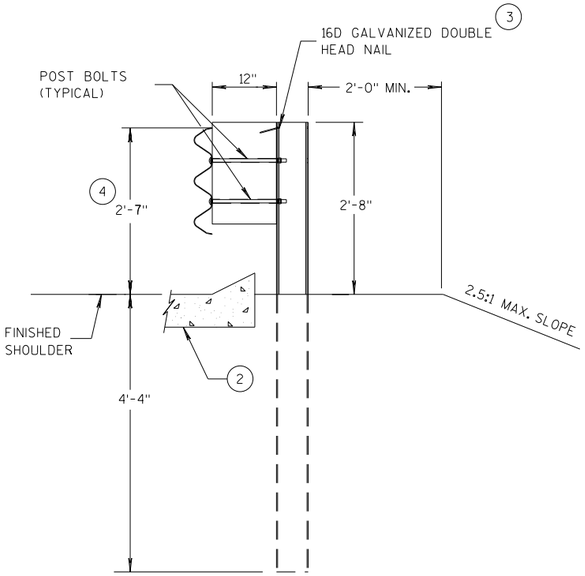


SECTION C-C

POSTS 7-11

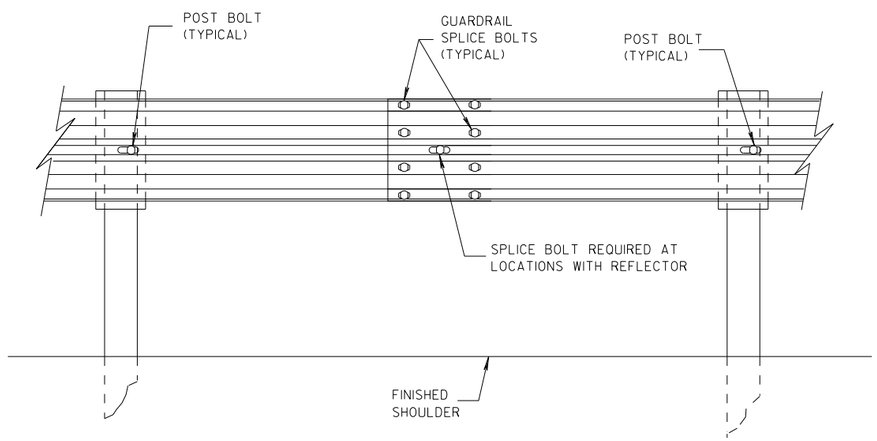


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

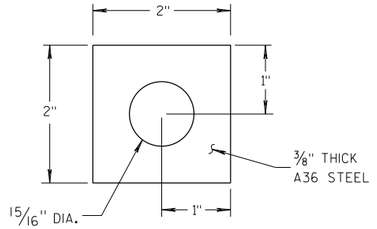
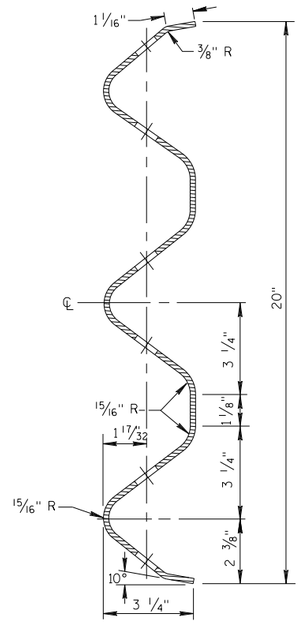


PLATE WASHER DETAIL



SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

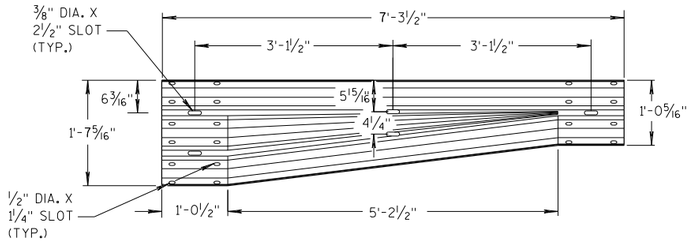
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF 440

6

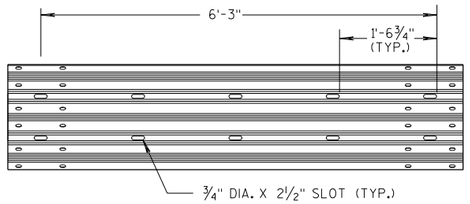
S.D.D. 14 B 45-5b

6

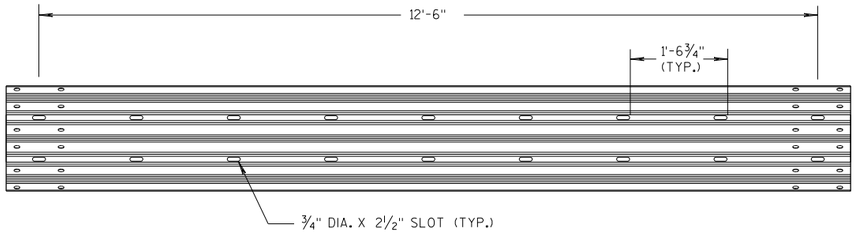
S.D.D. 14 B 45-5b



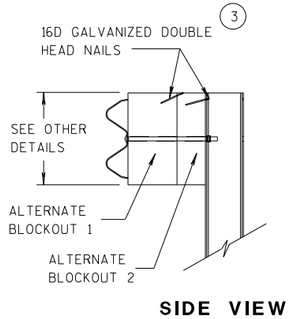
W-BEAM TO THRIE BEAM TRANSITION SECTION



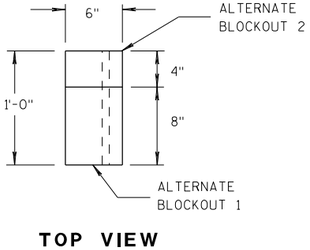
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

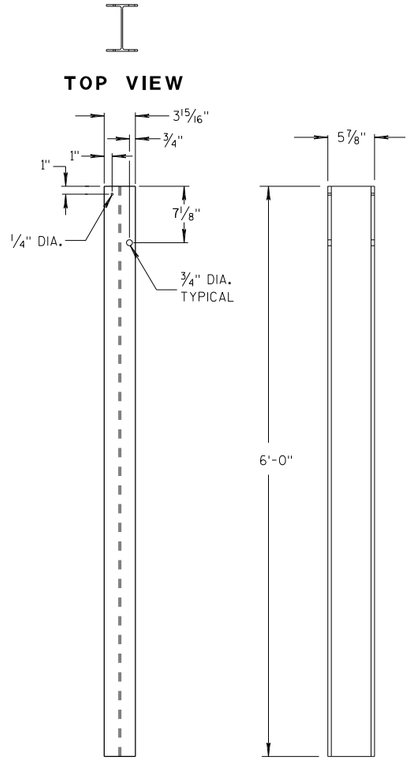


SIDE VIEW



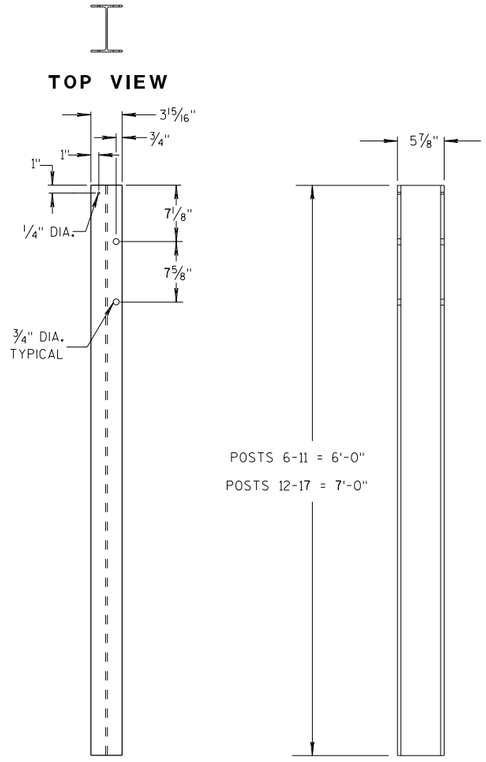
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



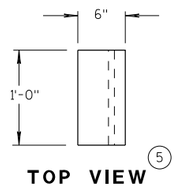
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

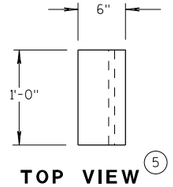


FRONT VIEW SIDE VIEW

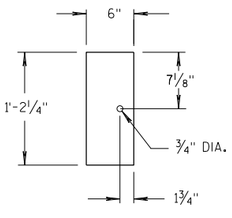
STEEL POSTS 6-17



TOP VIEW (5)

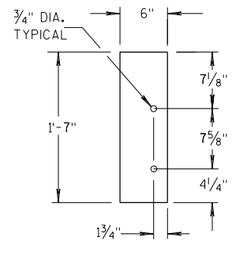


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

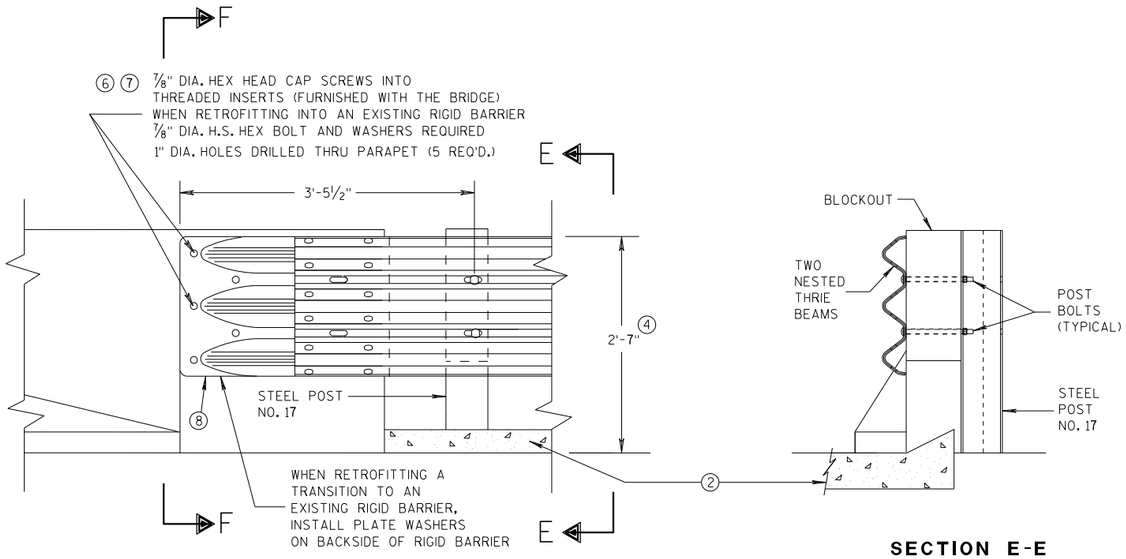
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 441

6
S.D.D. 14 B 45-5c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

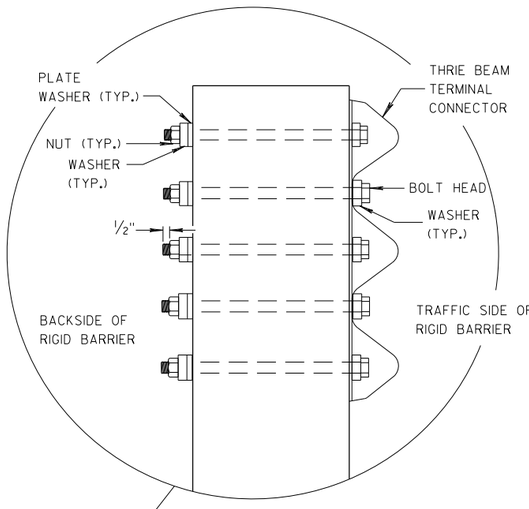
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

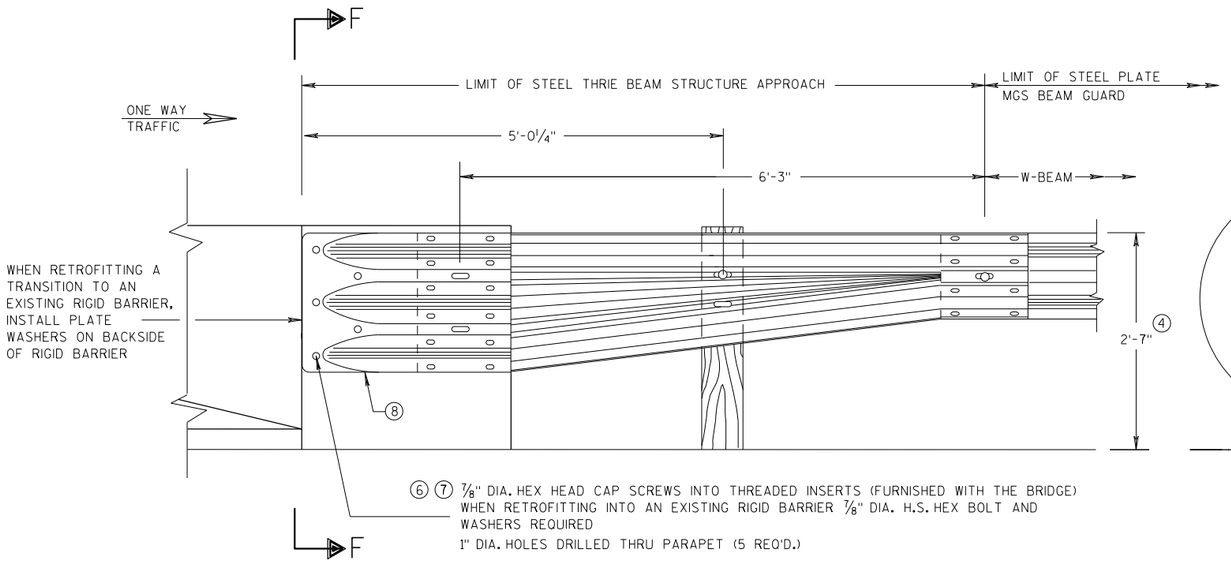
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

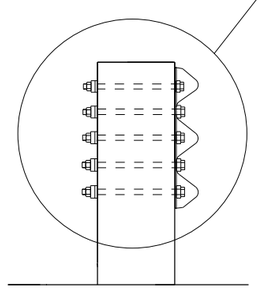
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

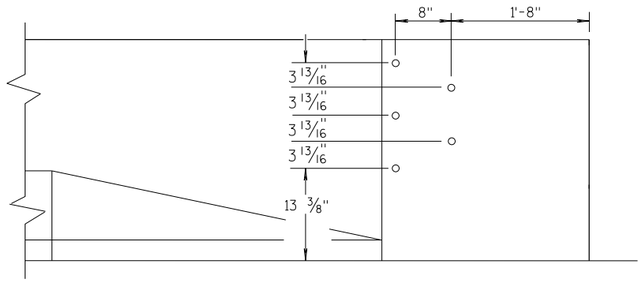




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS D UNIT SUPERVIS NT
FHWA

6

S.D.D. 14 B 45-5d

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

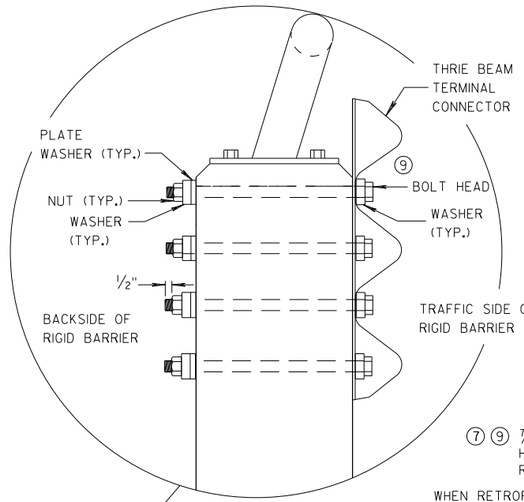
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

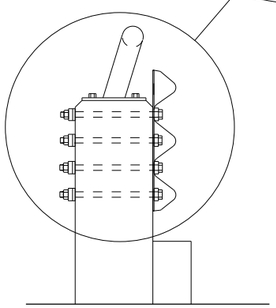
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

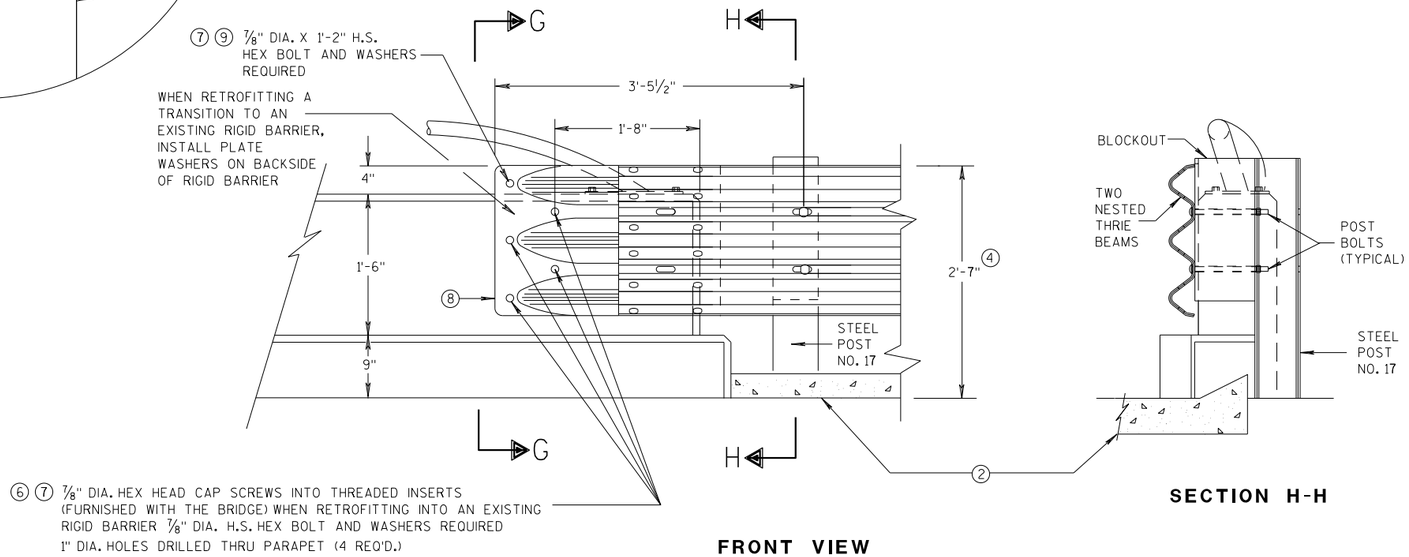
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





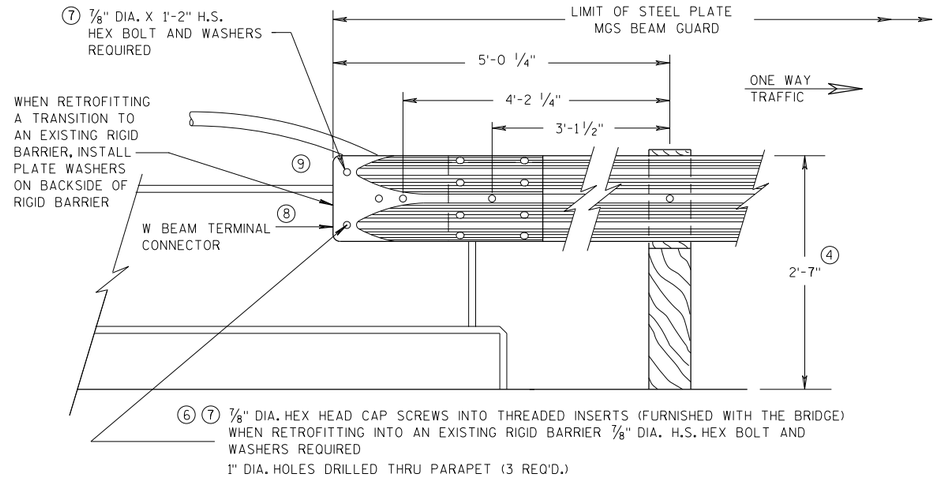
SECTION G-G



FRONT VIEW

SECTION H-H

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

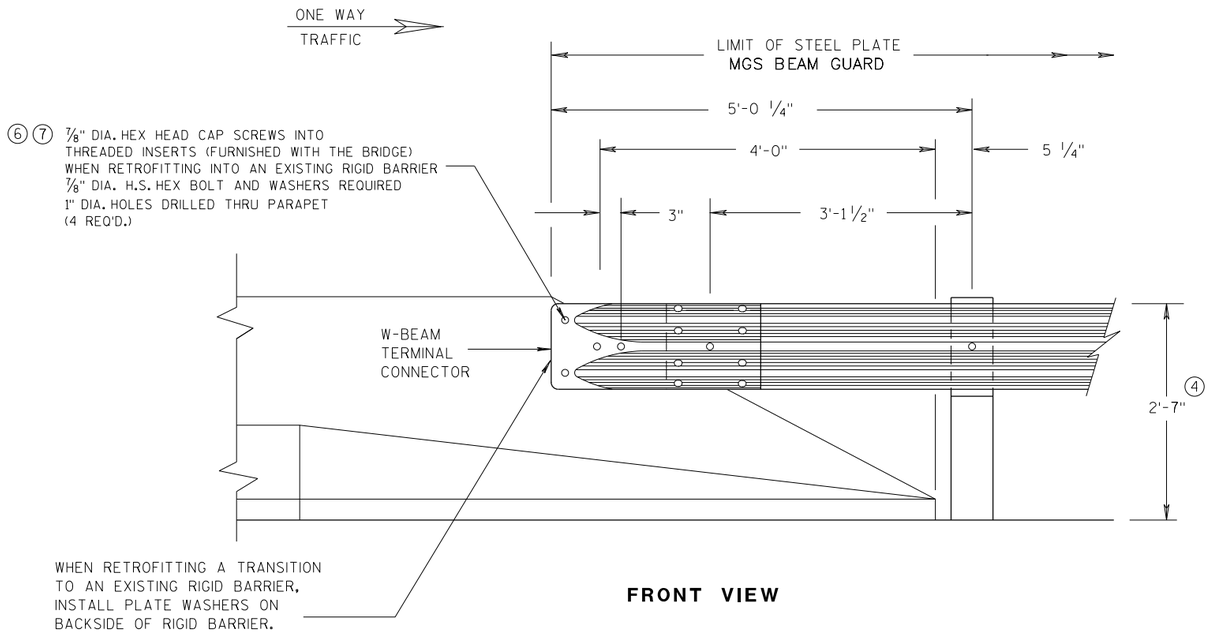
APPROVED
07/2018 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D[illegible] UNIT SUPERVIS[illegible]
FHWA

6

S.D.D. 14 B 45-5e

6

S.D.D. 14 B 45-5e



FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

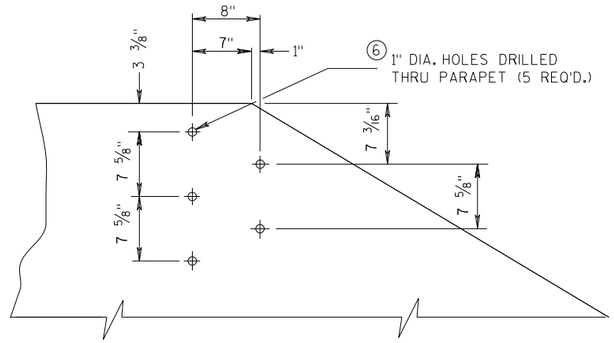
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

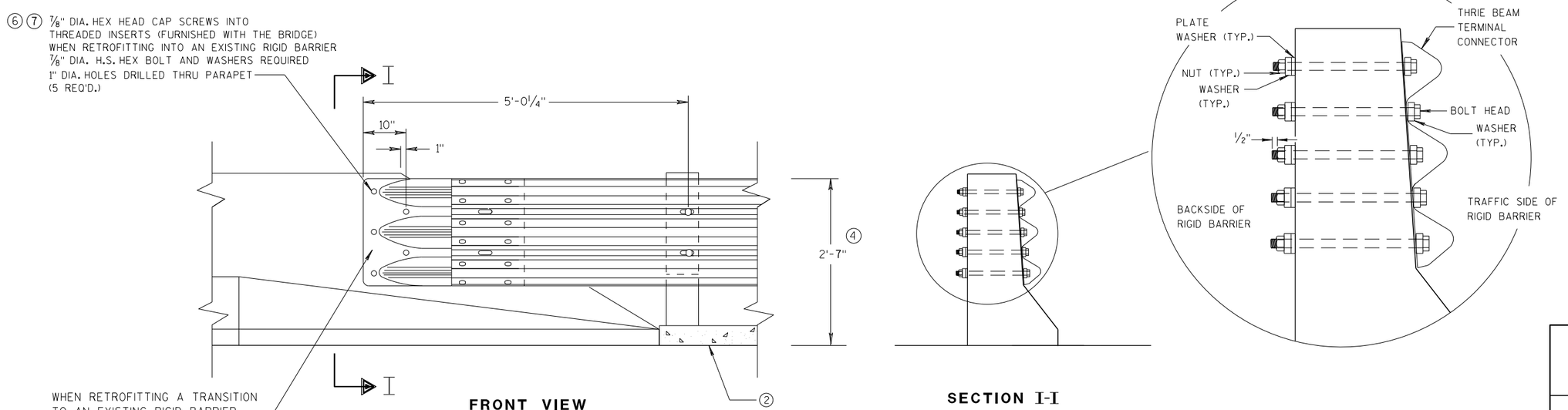
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



DRILL HOLE LOCATION AND PATTERN FOR THRIE BEAM CONNECTION



FRONT VIEW

SECTION I-I

THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS [illegible] UNIT SUPERVI[illegible]ENT
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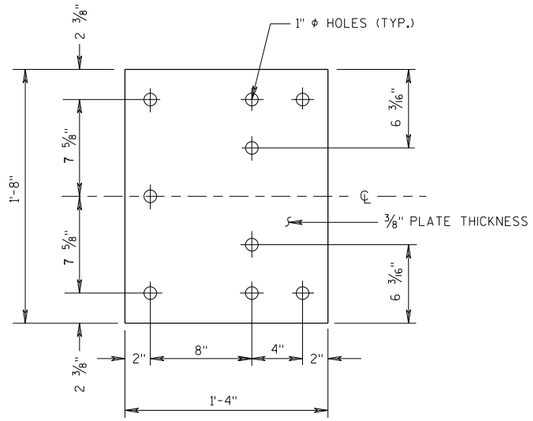
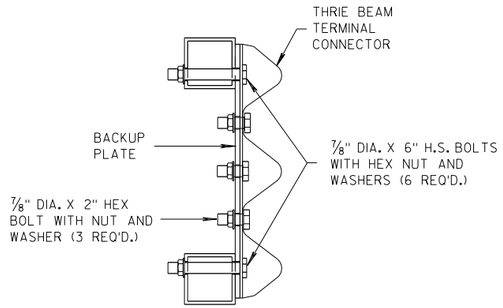
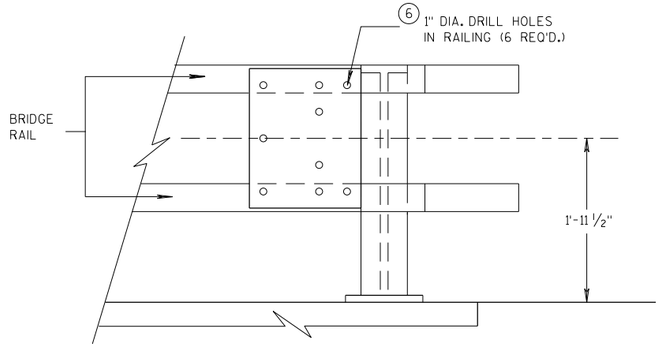


BACK-UP PLATE DETAIL



SECTION J-J

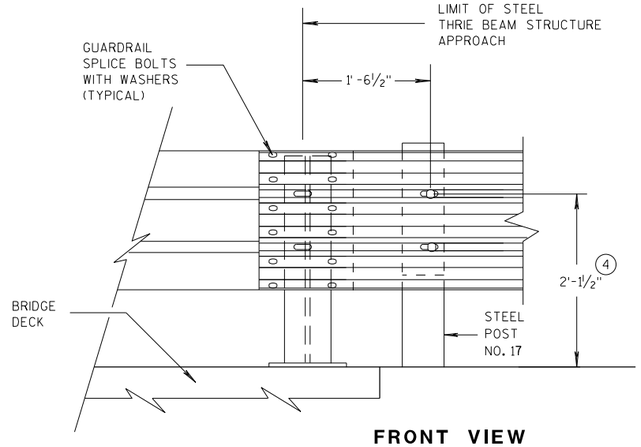


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

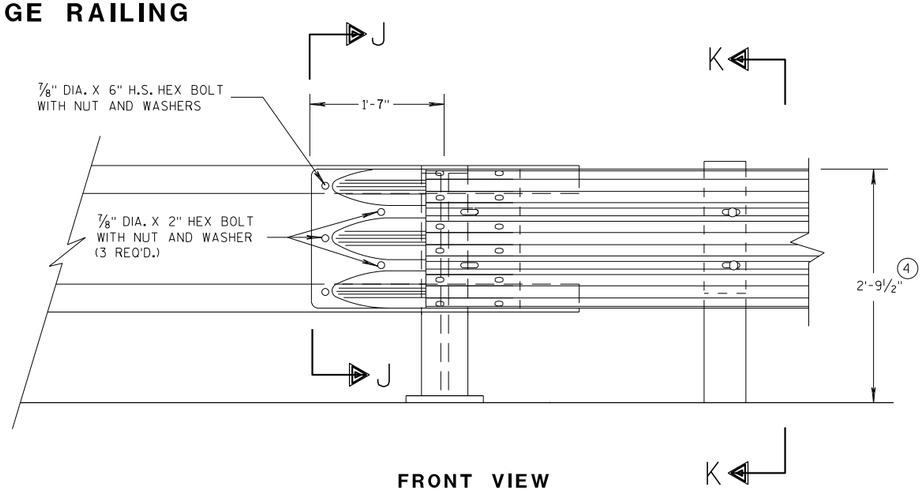
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

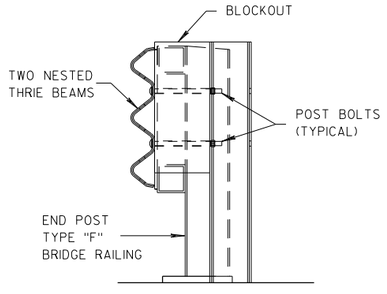


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 07/2018 — DATE
FHWA

/S/ Rodney Taylor 445
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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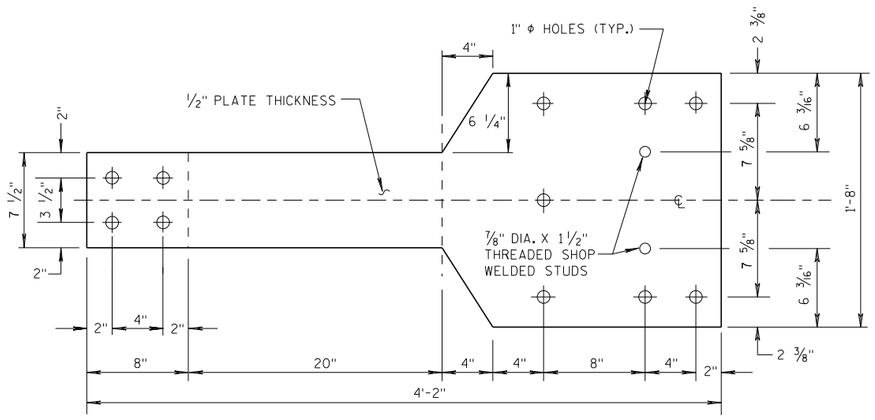
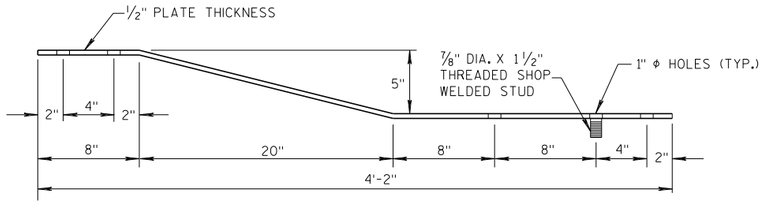
S.D.D. 14 B 45-5g

GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

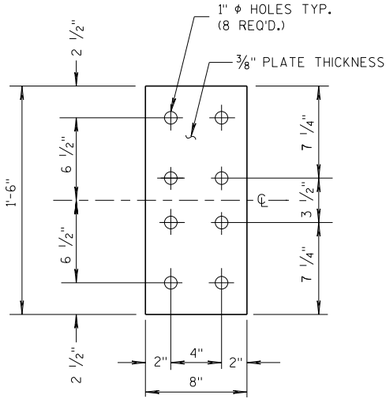


FRONT VIEW



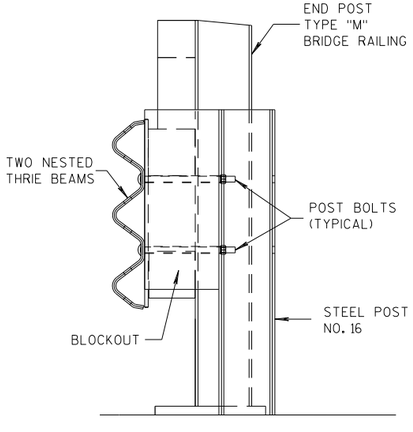
PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

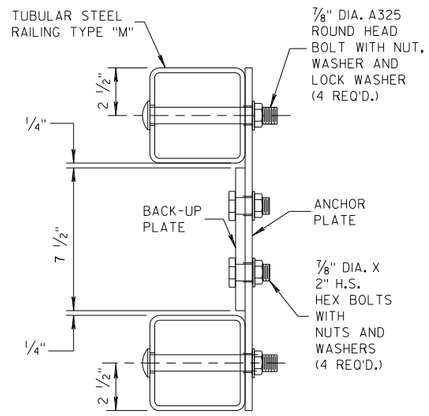


FRONT VIEW

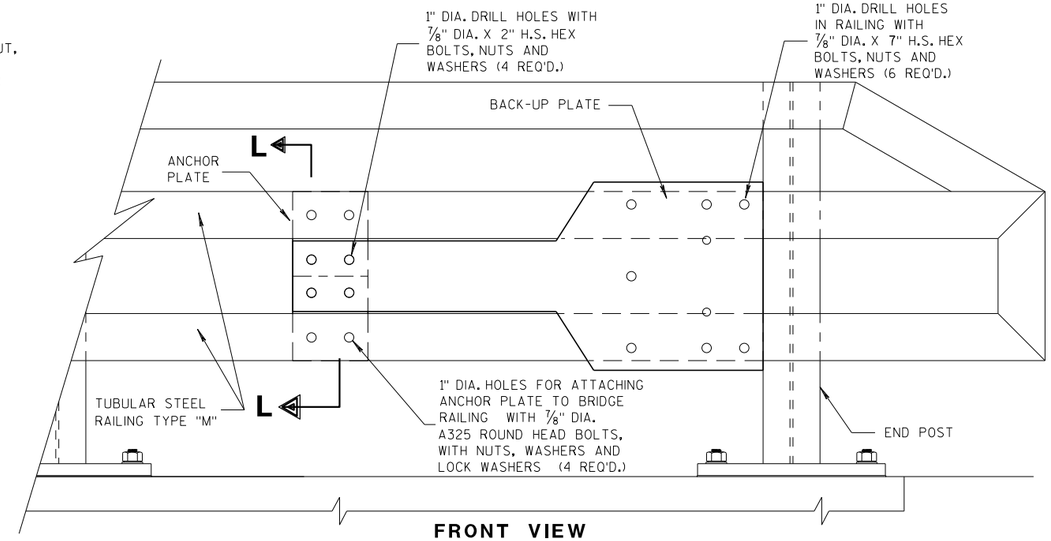
ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M

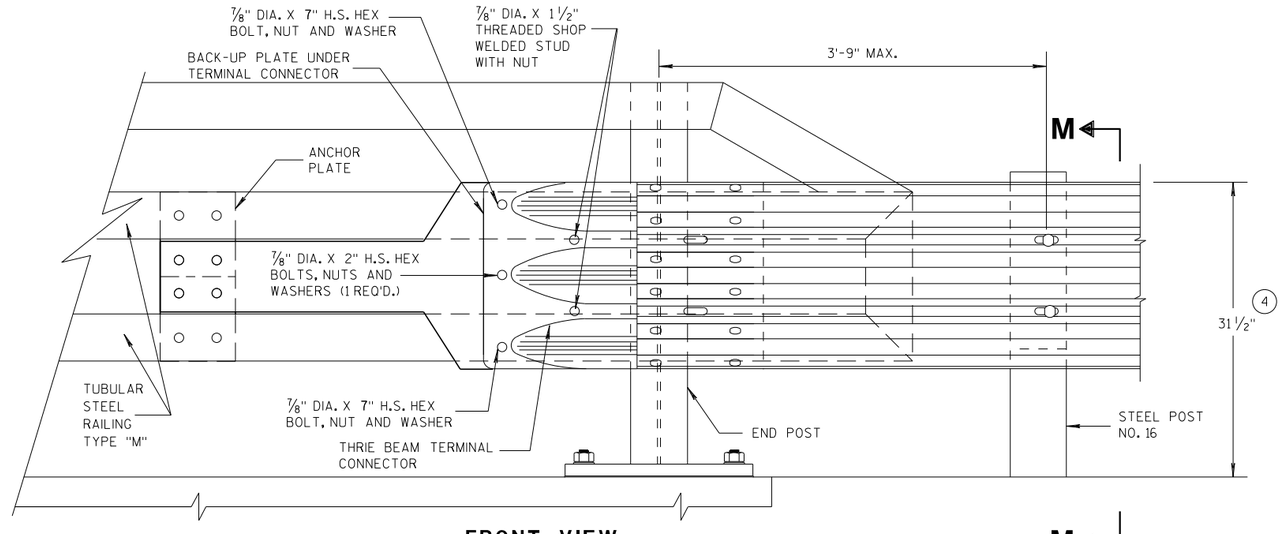


SECTION L-L

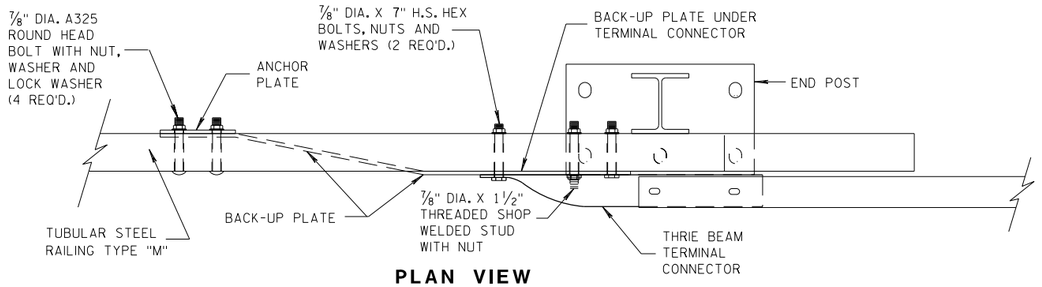


FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
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GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

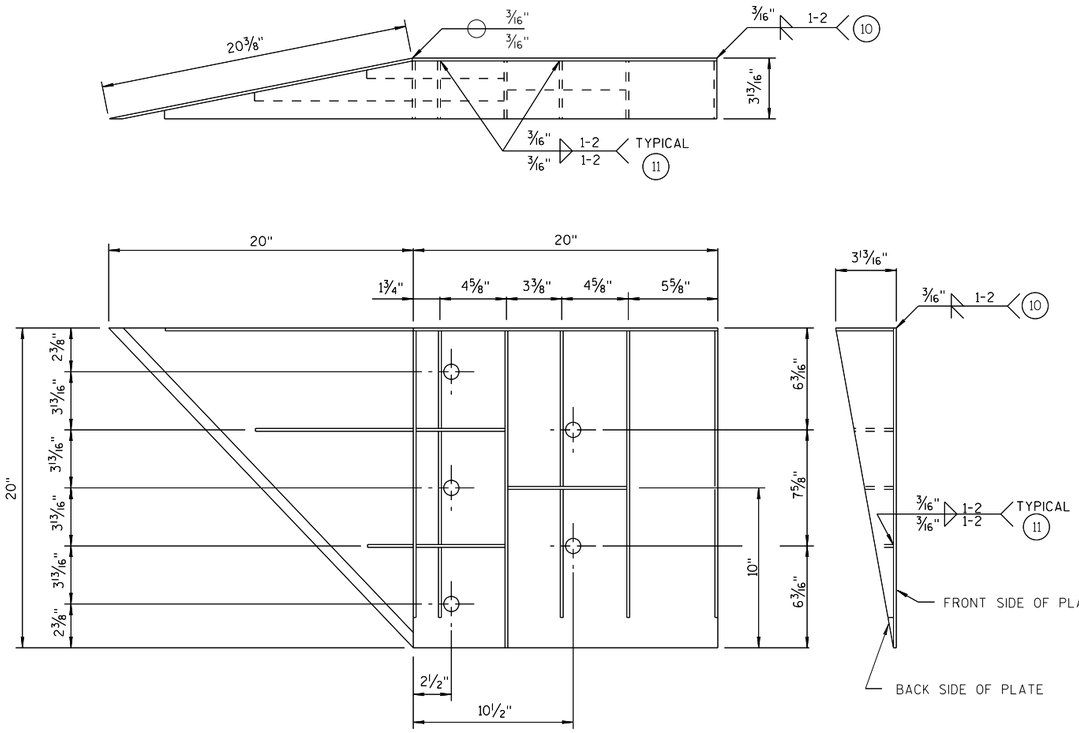
FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(10) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(11) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".



WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

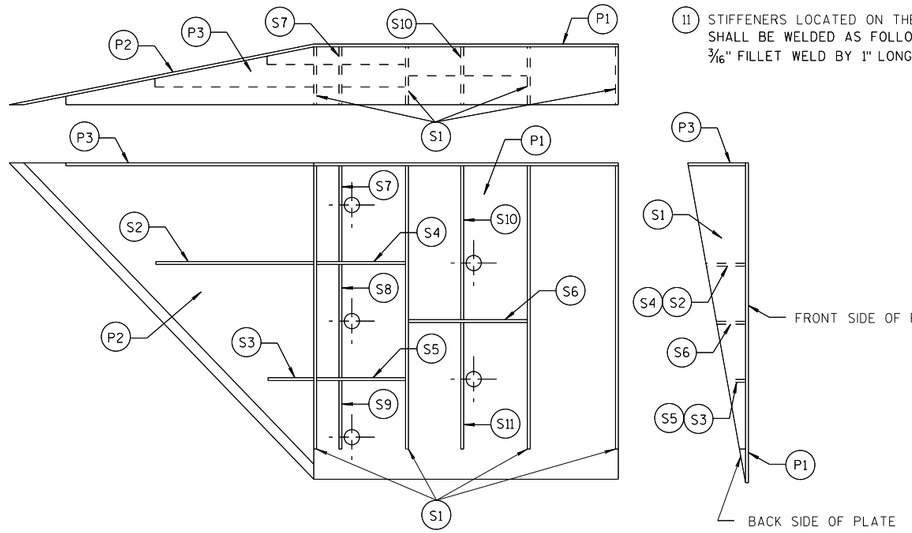


PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 5/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 3/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 11/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

SINGLE SLOPE CONNECTION PLATE

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
FHWA

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ROADWAY STANDARDS I
UNIT SUPERVI

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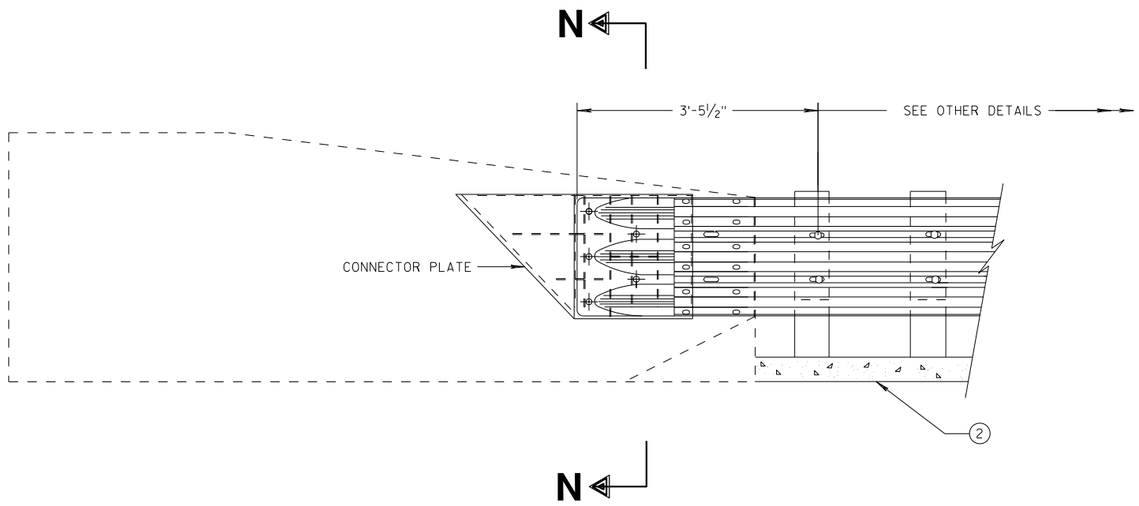
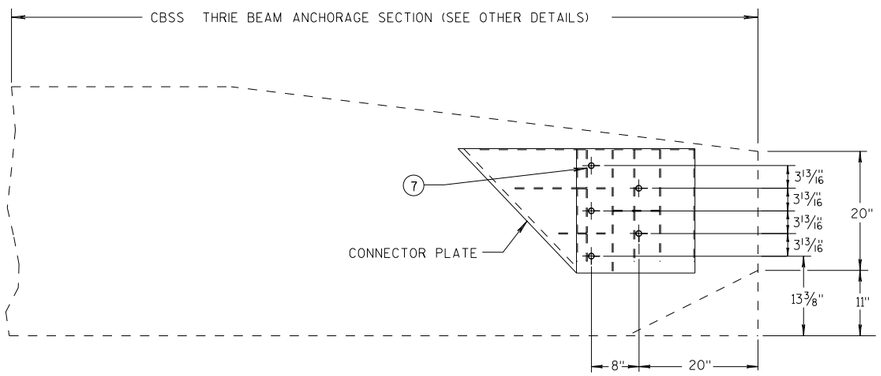
S.D.D. 14 B 45-5i



THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



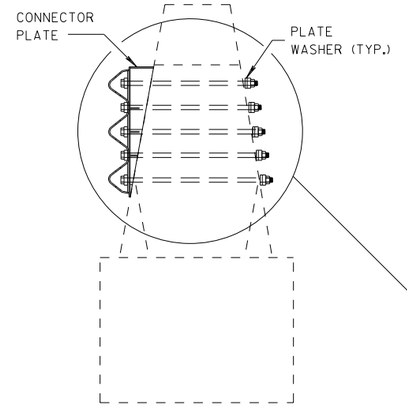
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

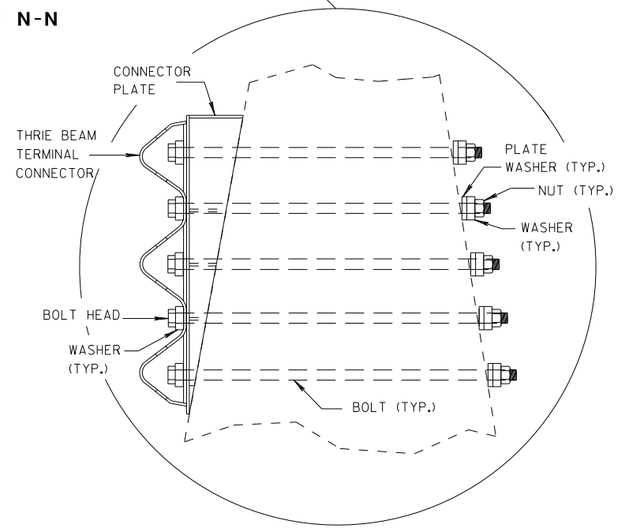
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DI[illegible]NT
UNIT SUPERVIS
FHWA

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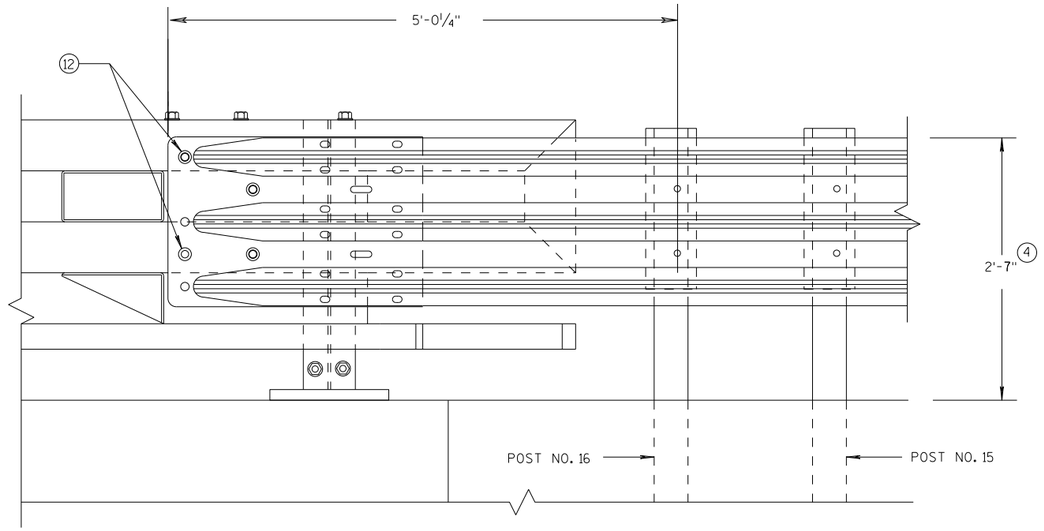
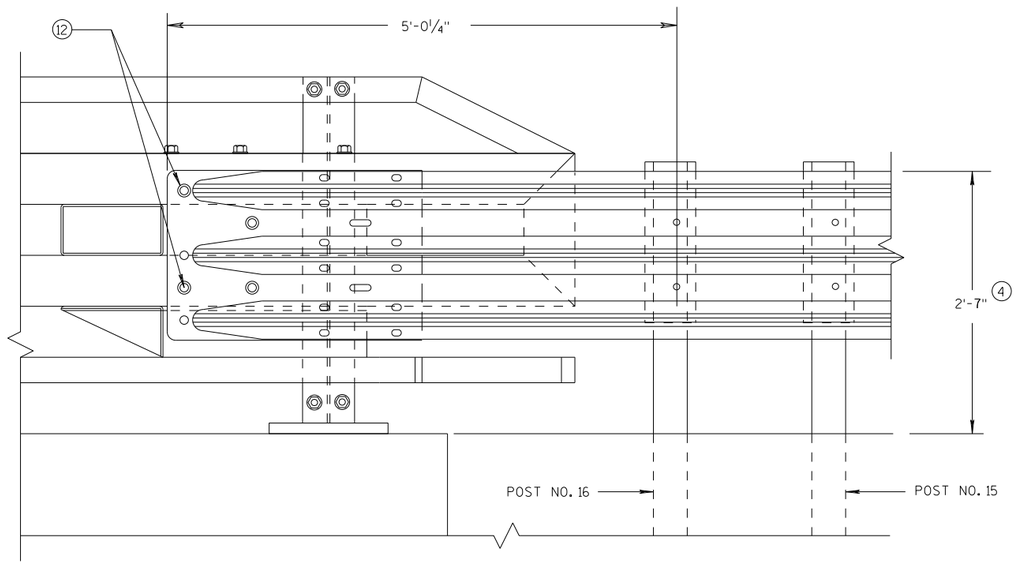
S.D.D. 14 B 45-5j



ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS D 449 NT
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S.D.D. 14 B 45-5k

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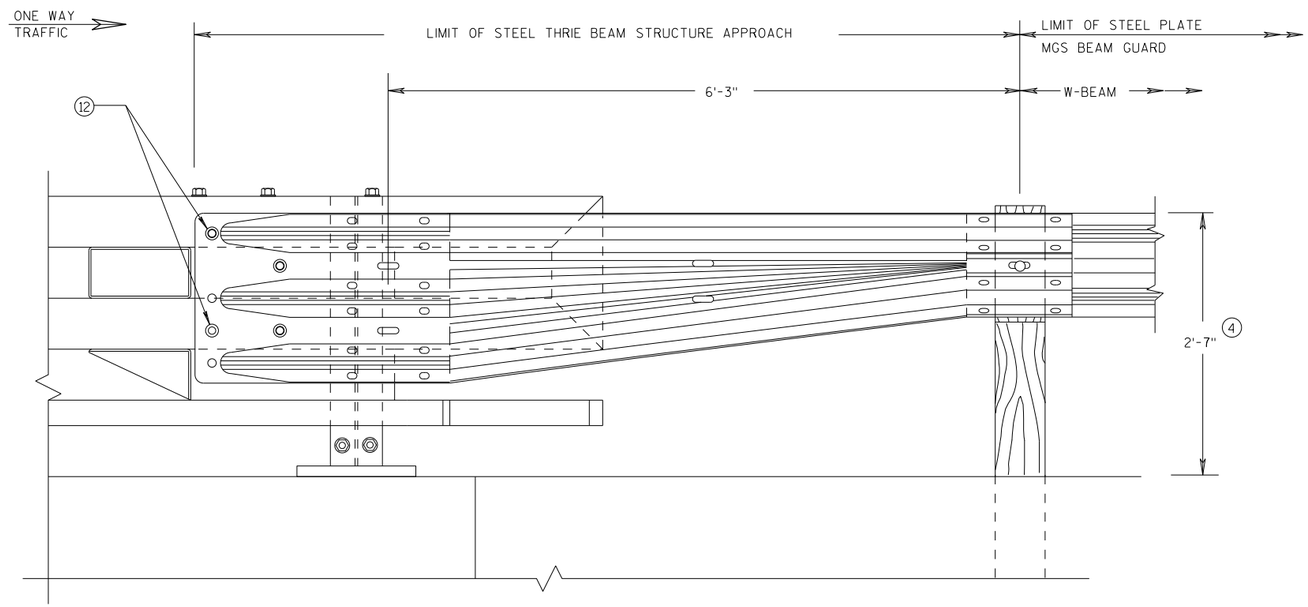
S.D.D. 14 B 45-5k



FRONT VIEW

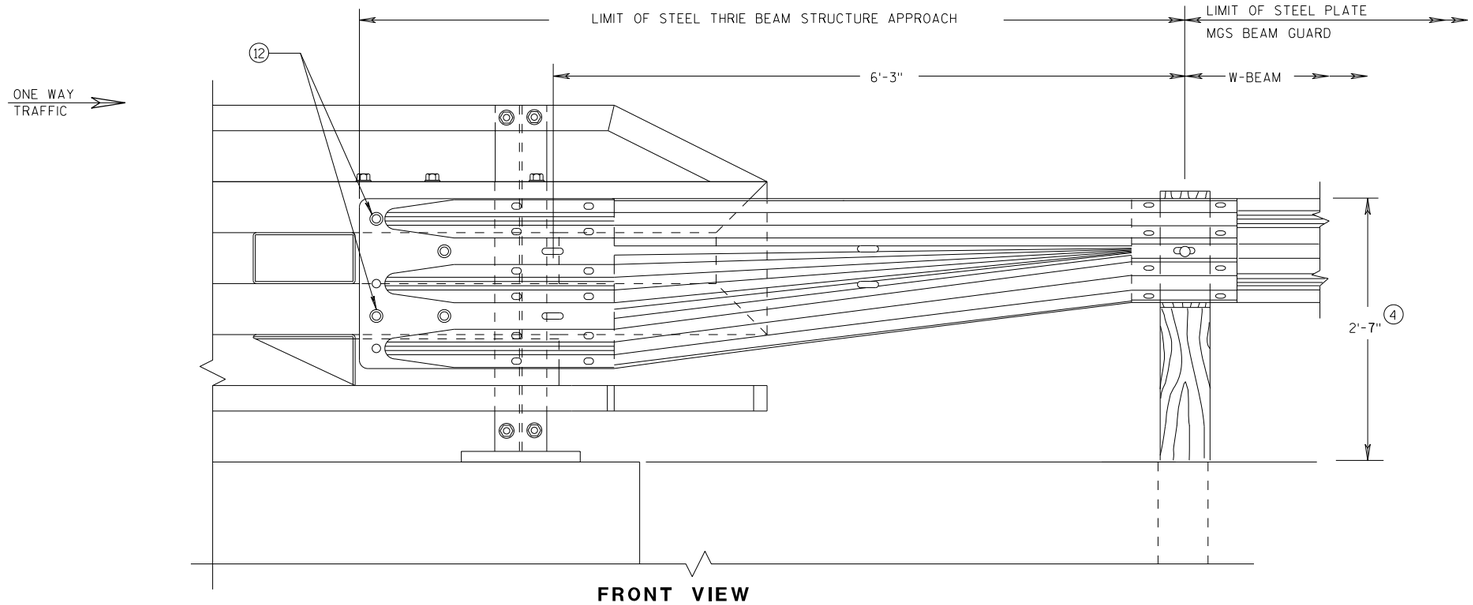
W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY3"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.



FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY4"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
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/S/ Rodney Taylor
ROADWAY STANDARDS D
UNIT SUPERVIS

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S.D.D. 14 B 45-5L

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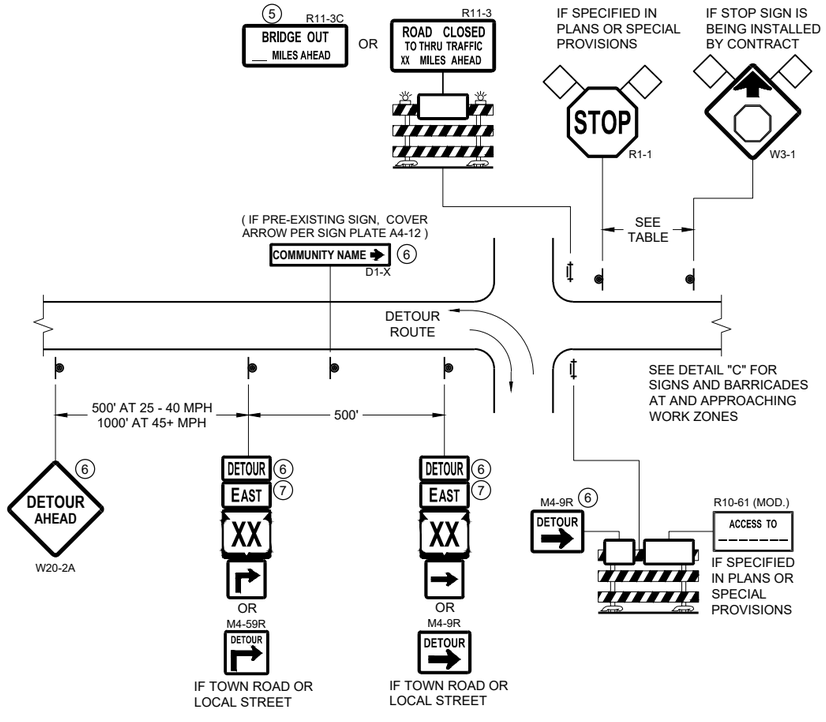
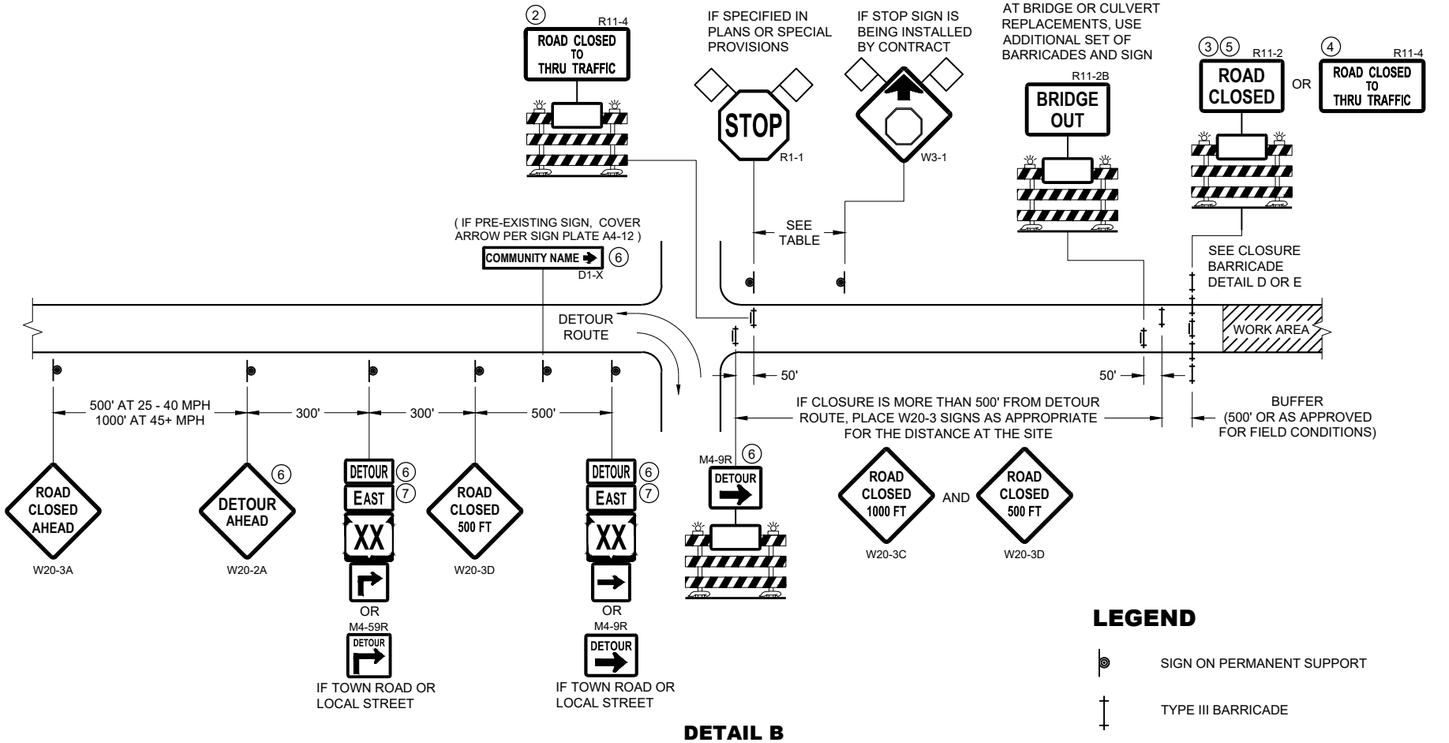


DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



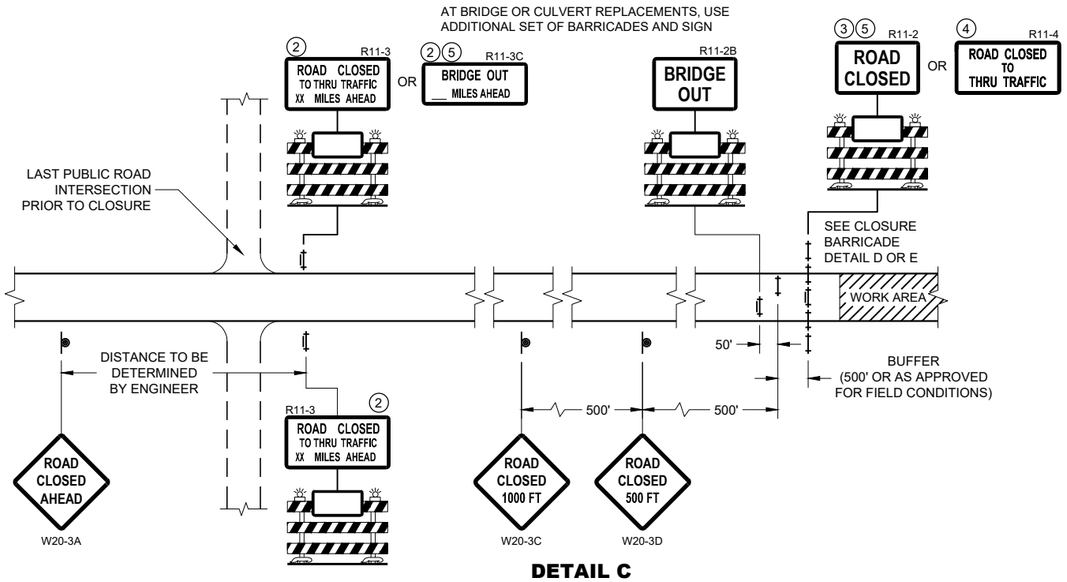
DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b" FOR GENERAL NOTES AND FOOTNOTES ① THROUGH ⑦

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

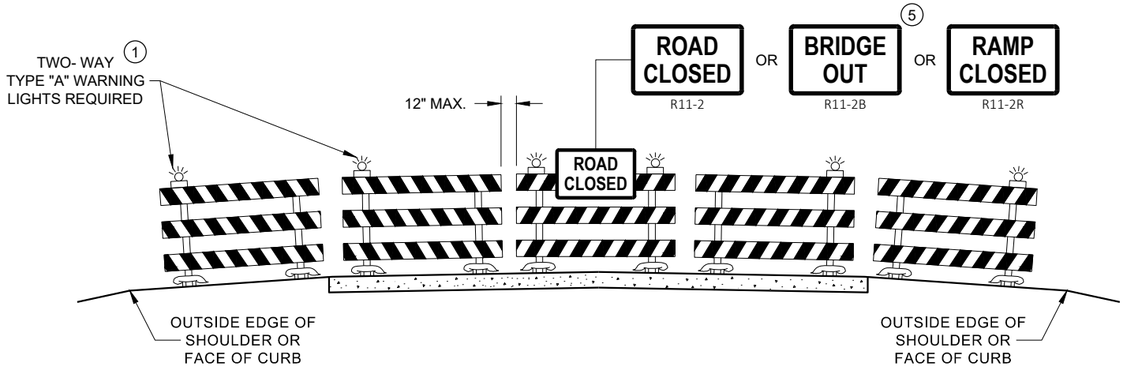
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

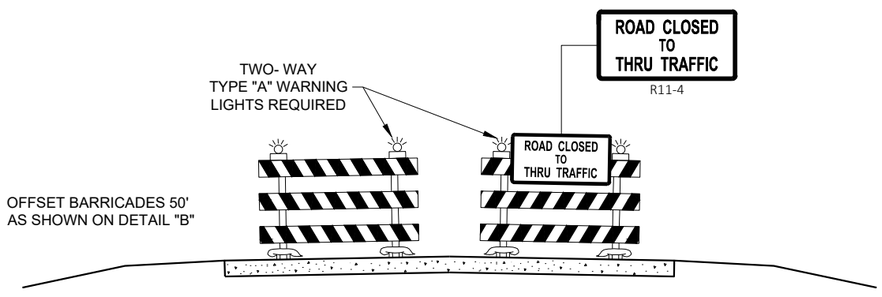
FHWA

SDD 15C02 - 08a

SDD 15C02 - 08a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

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SDD 15C02 - 08b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

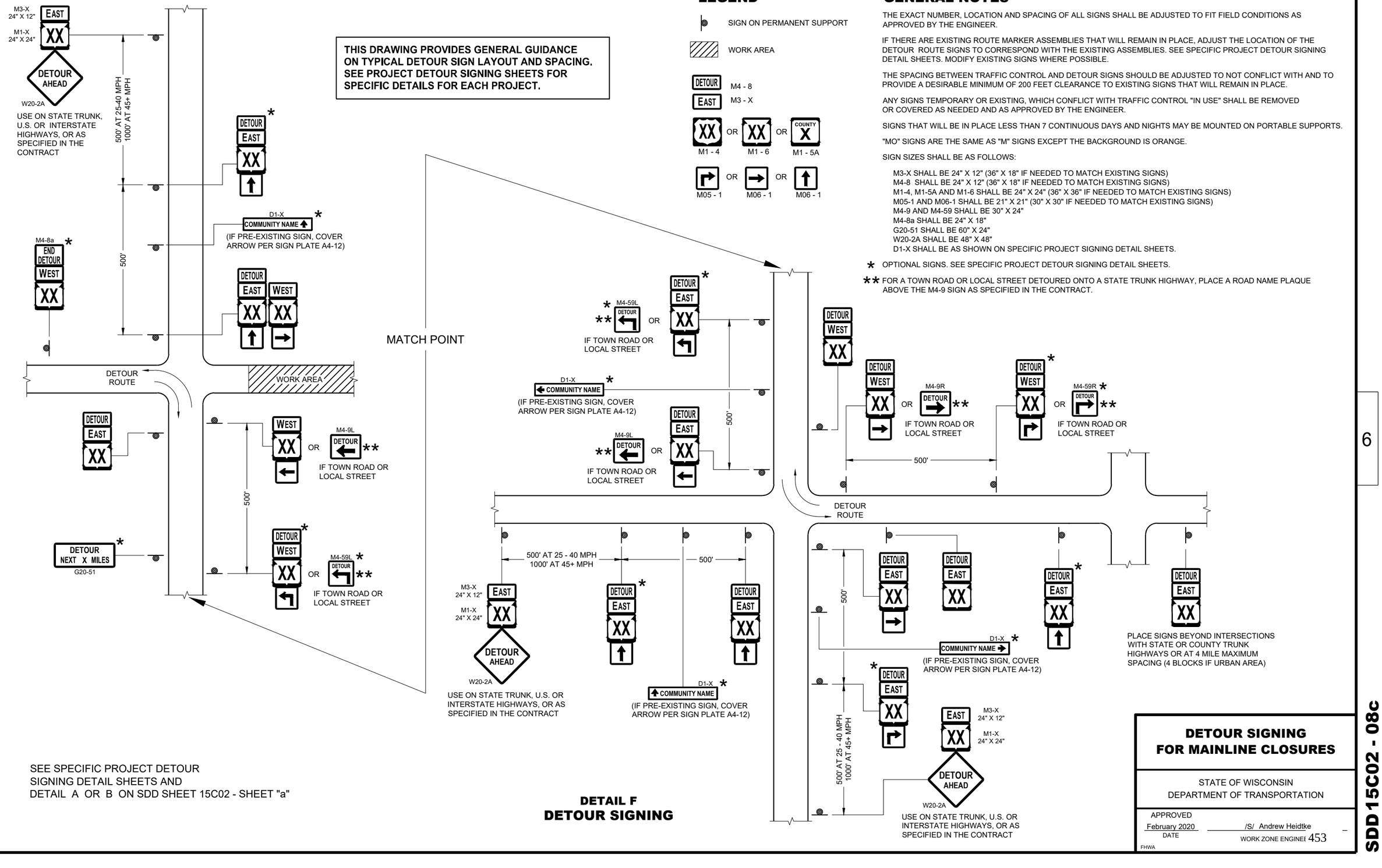
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.



SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE

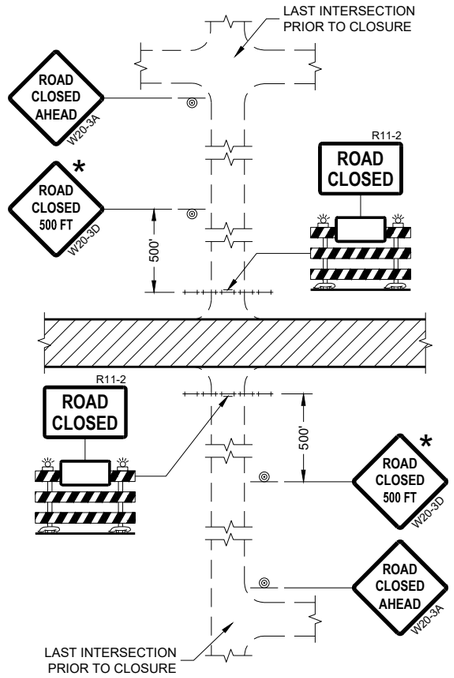
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

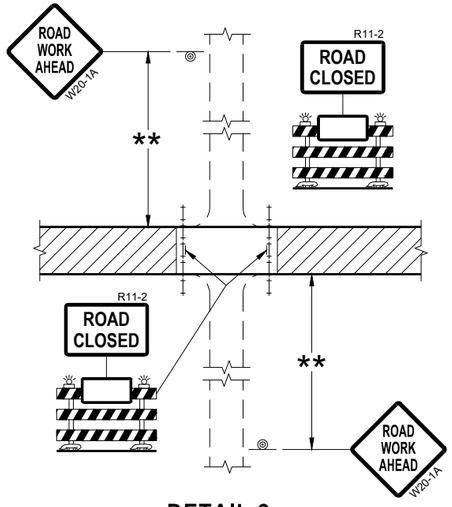
SDD 15C02 - 08c

SDD 15C02 - 08c

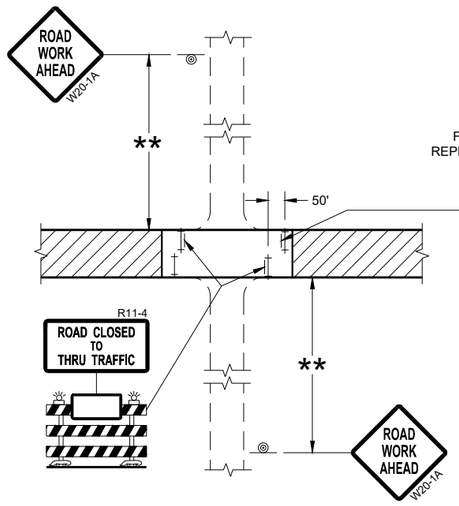
6



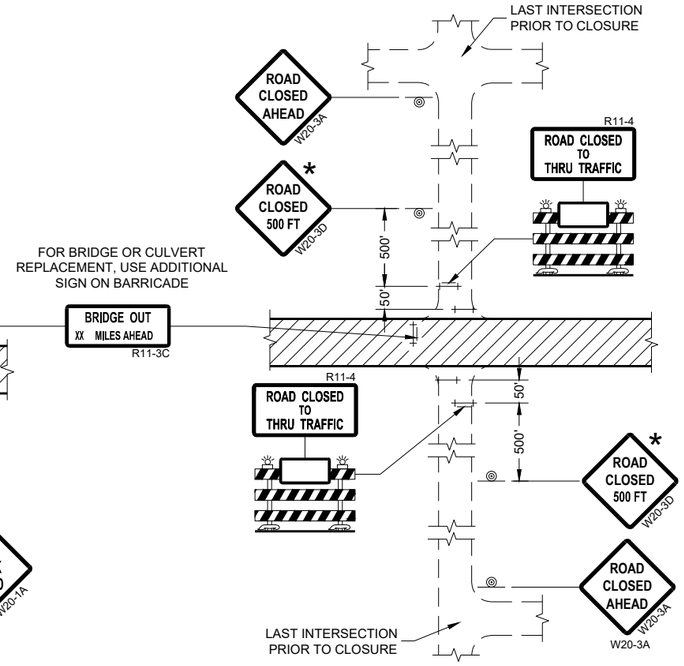
DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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SDD 15C03 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

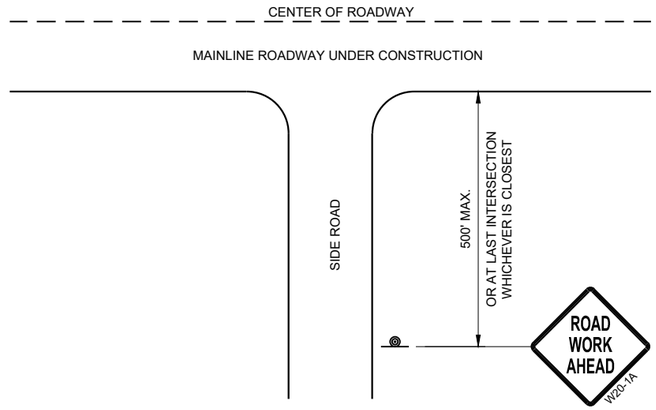
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



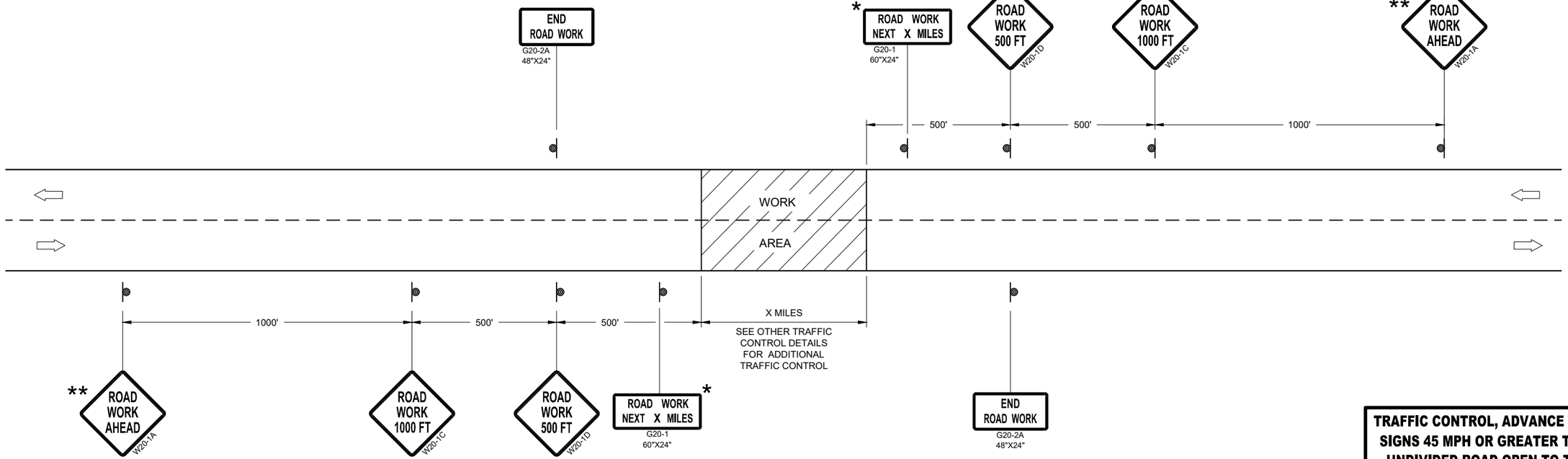
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C04 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

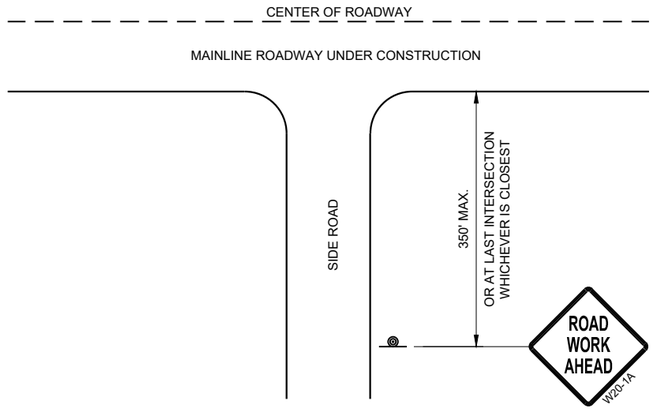
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



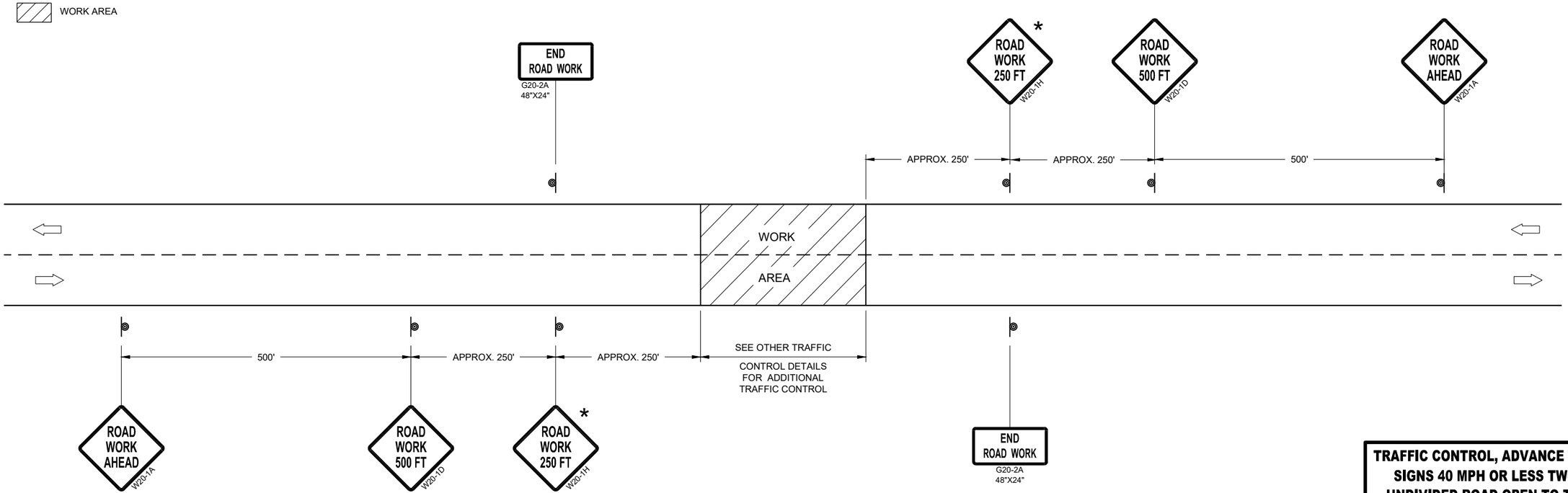
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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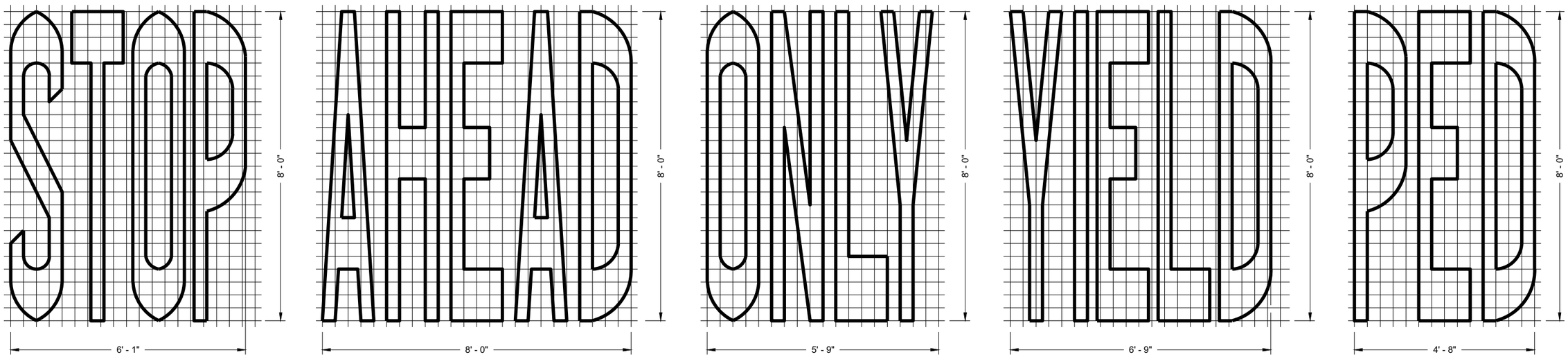
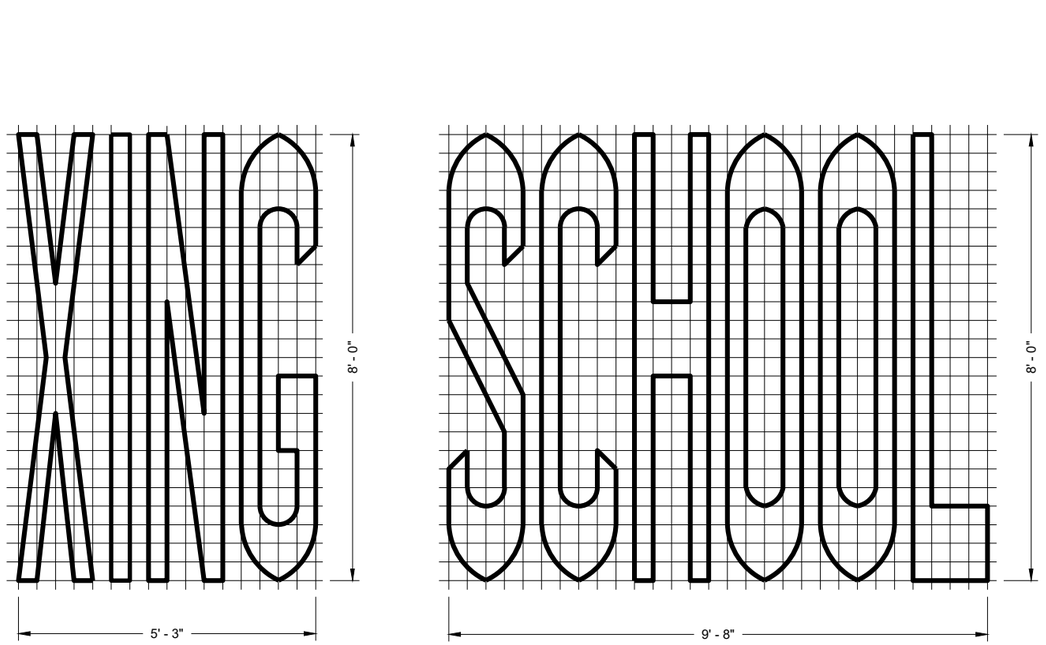
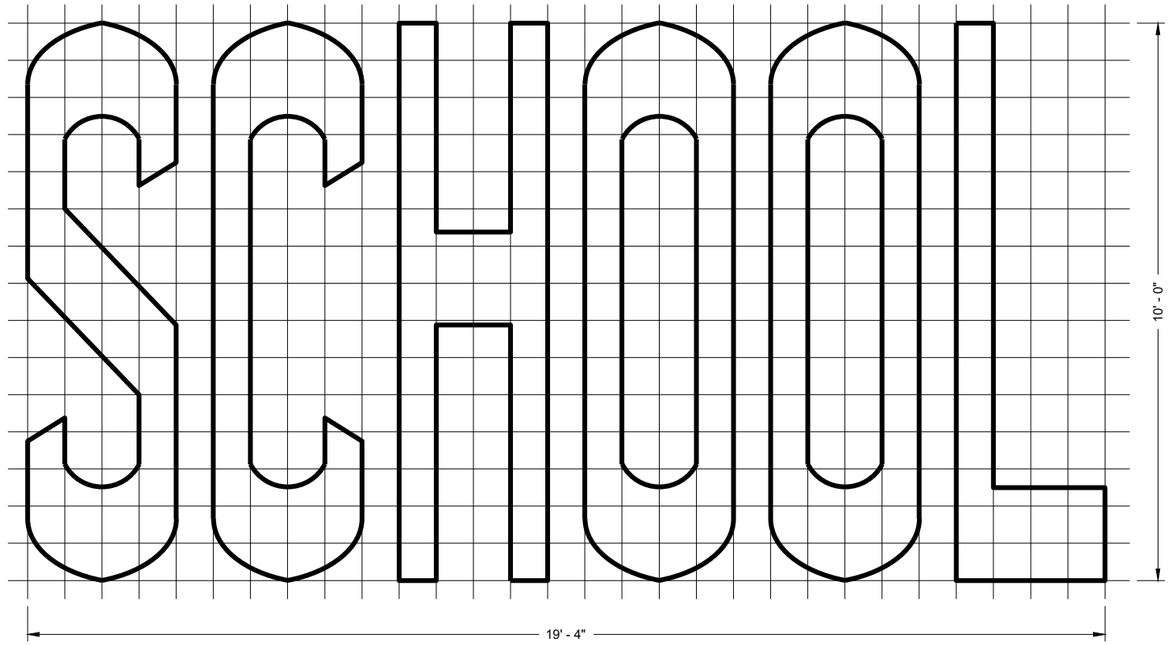
SDD 15C05 - 05





SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

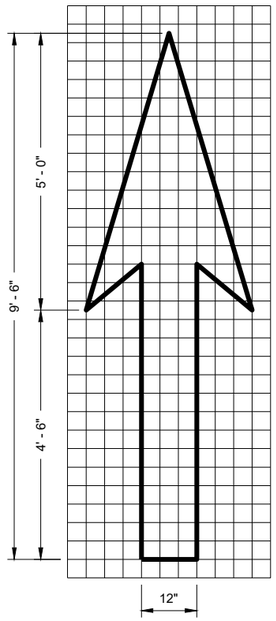
457

6

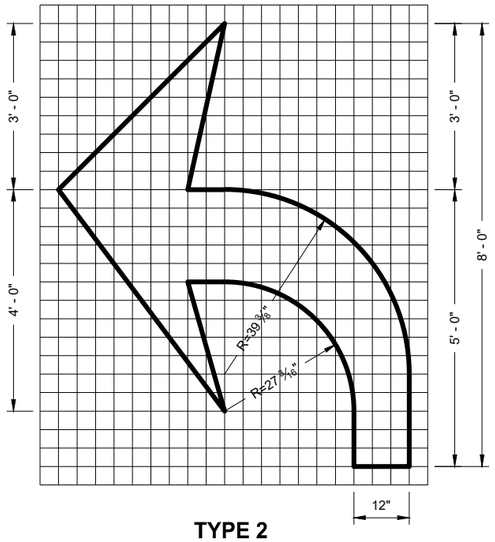
6

SDD 15C07 - 15b

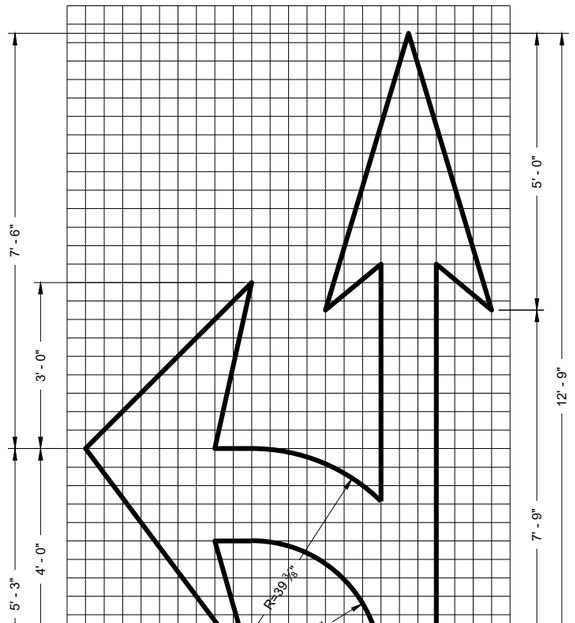
SDD 15C07 - 15b



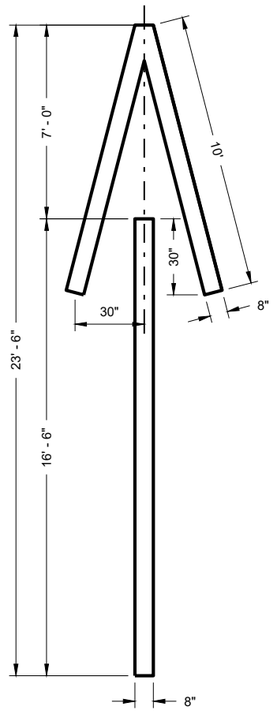
TYPE 1



TYPE 2



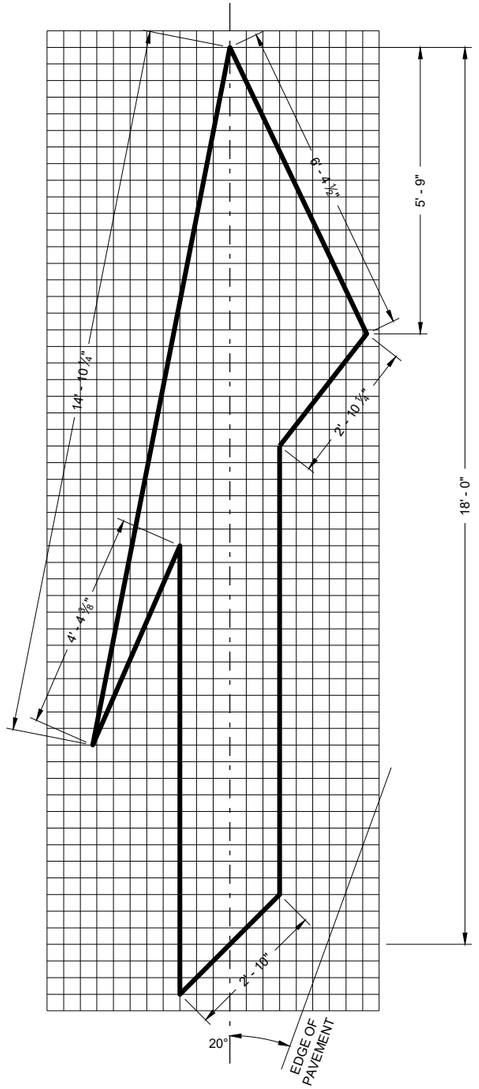
TYPE 3



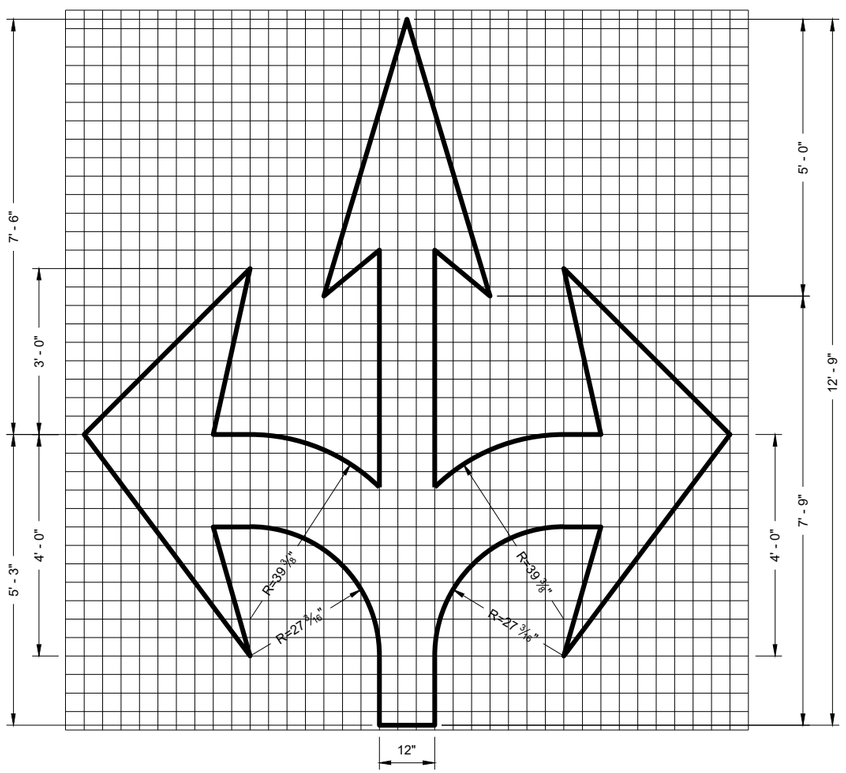
TYPE 4

GENERAL NOTES

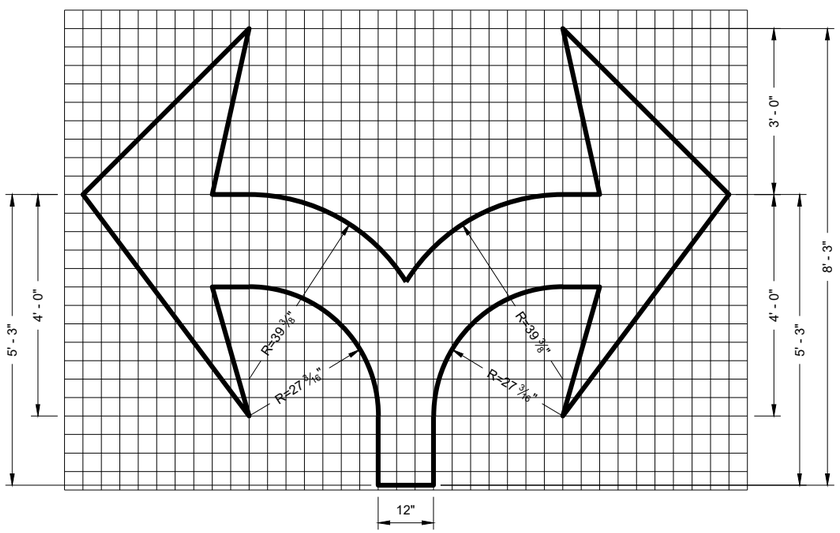
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

458

FHWA

6

SDD 15C07 - 15c

6

SDD 15C07 - 15c

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

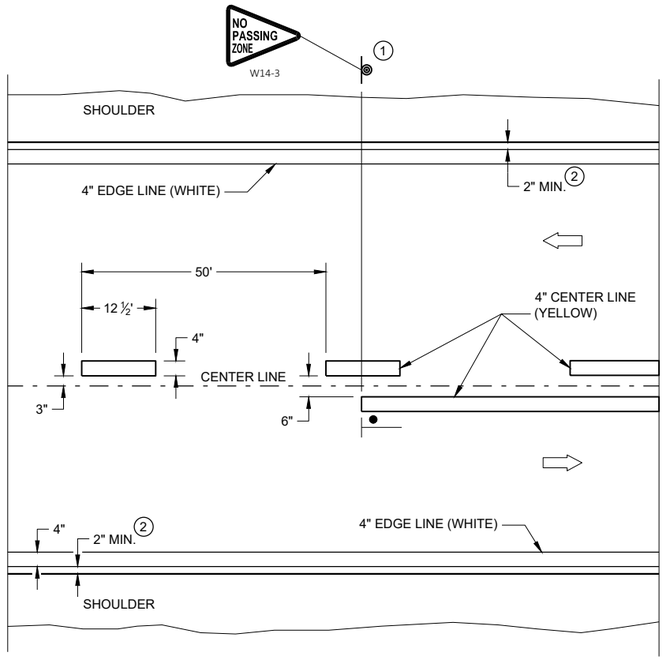
(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

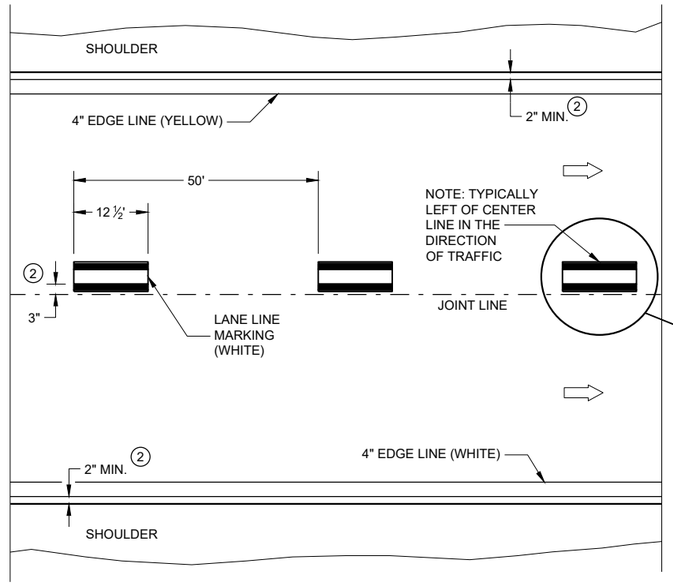
"T" MARKING

SIGN ON PERMANENT SUPPORT

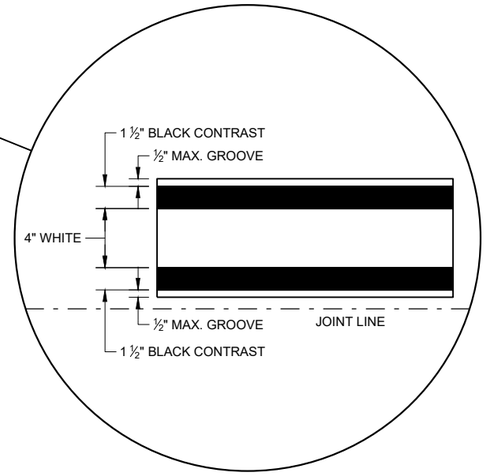
DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC



PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

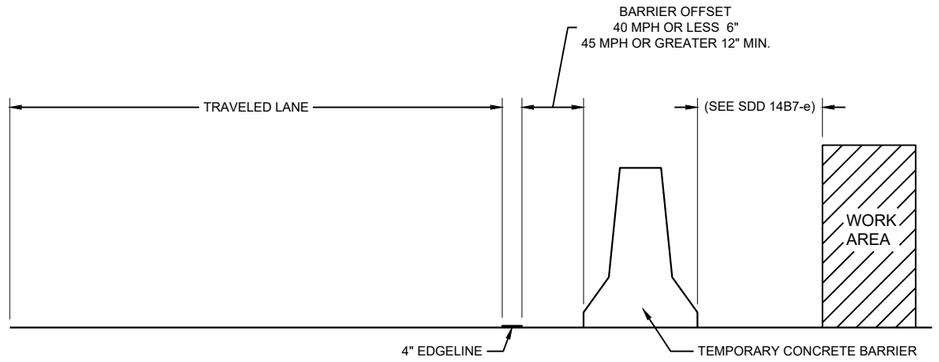
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Jeannie Silver — STATEWIDE SIGNING AND M ENGINEER

FHWA

SDD 15C08 - 22a

SDD 15C08 - 22a



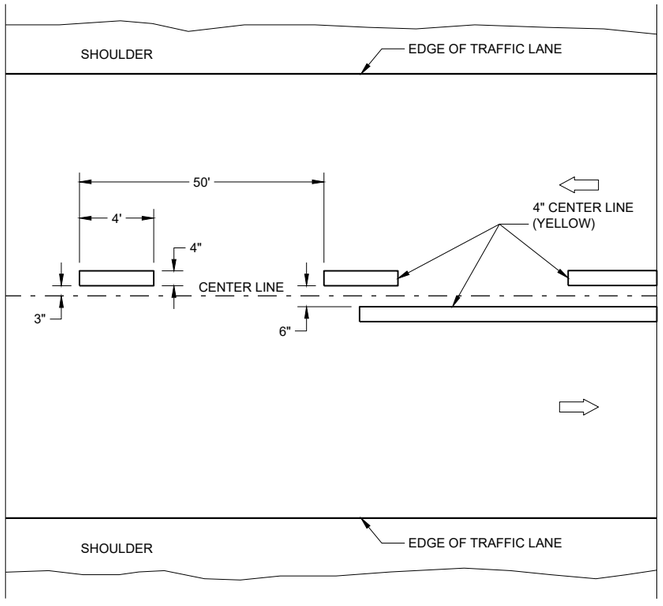
TEMPORARY BARRIER OFFSET FROM EDGELINE

GENERAL NOTES

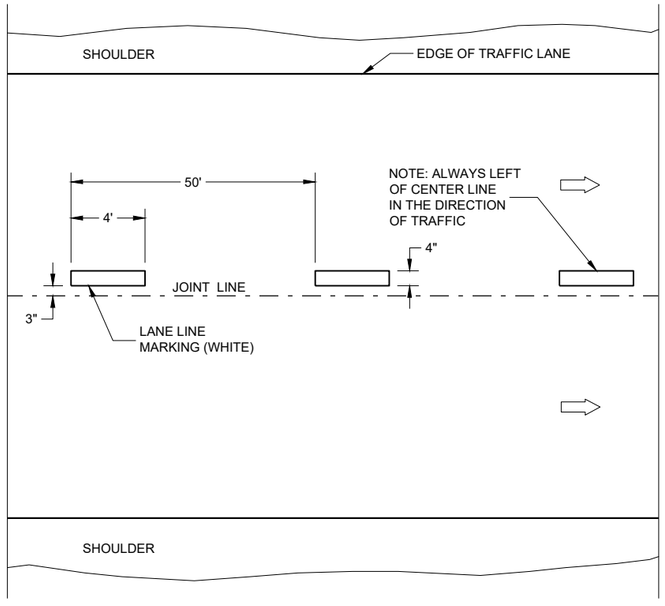
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

LEGEND

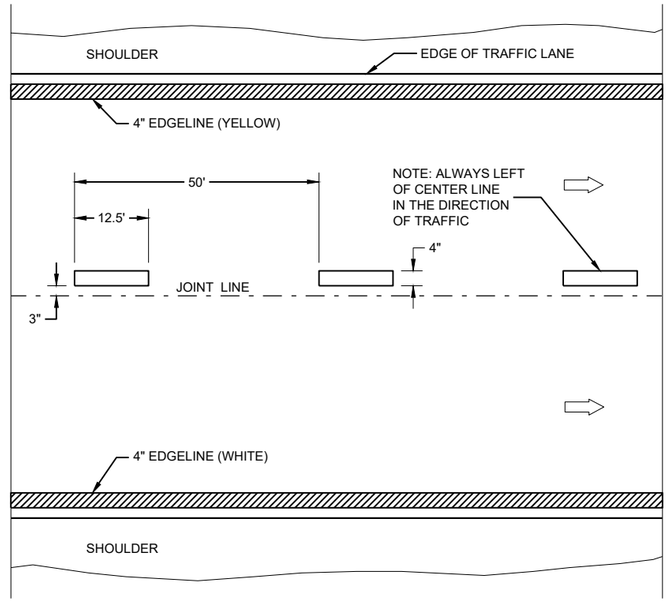
DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Jeannie Silver — STATEWIDE SIGNING AND M ENGINEER

FHWA

6

SDD 15C08 - 22b

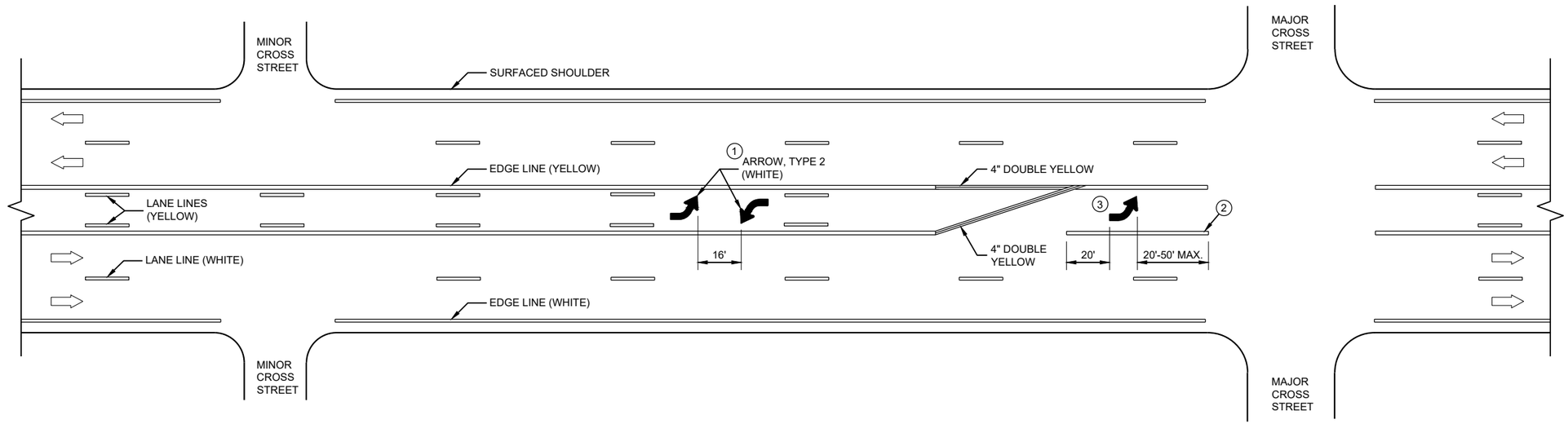
6

SDD 15C08 - 22b

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 8" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

DIRECTION OF TRAFFIC



TWO WAY LEFT TURN LANE

6

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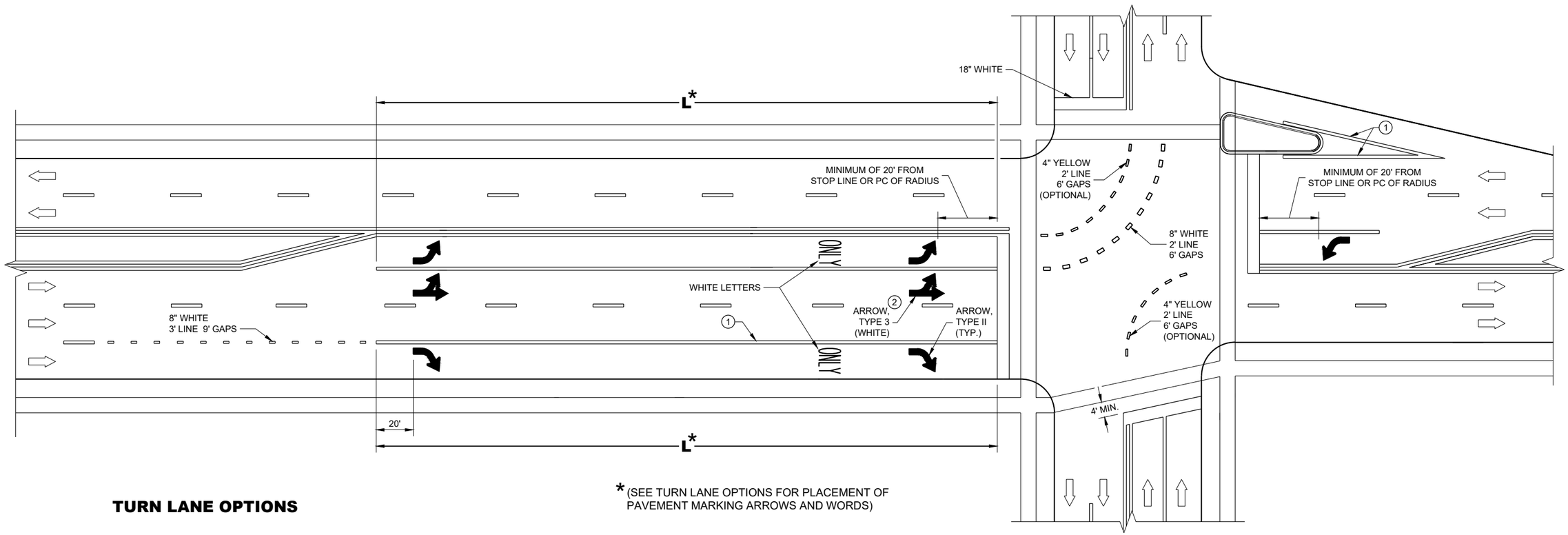
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

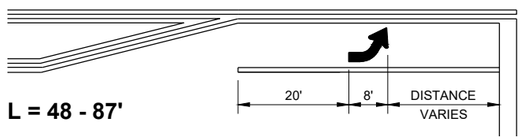
SDD 15C08 - 22c



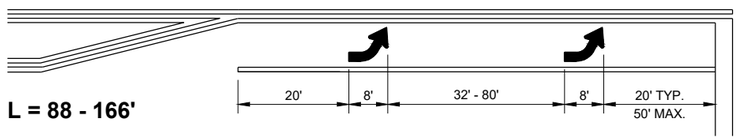
* (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

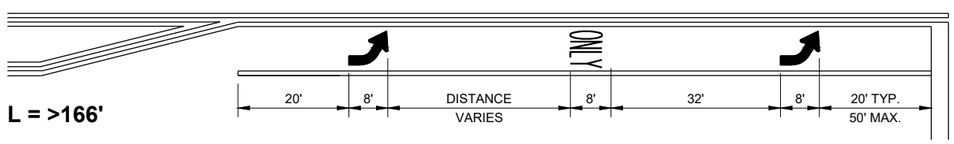
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. 8" WHITE
2. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)

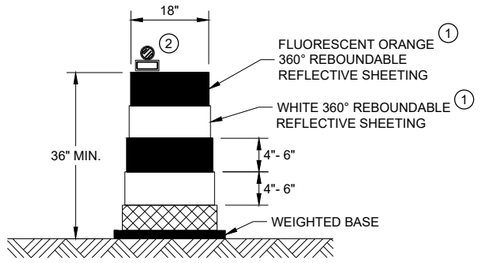
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C08 - 22d

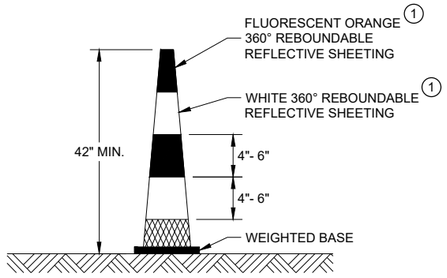
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

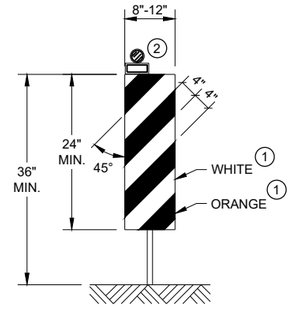
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

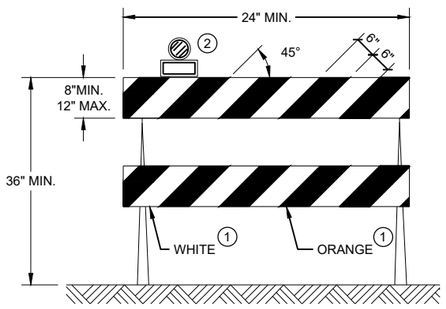
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



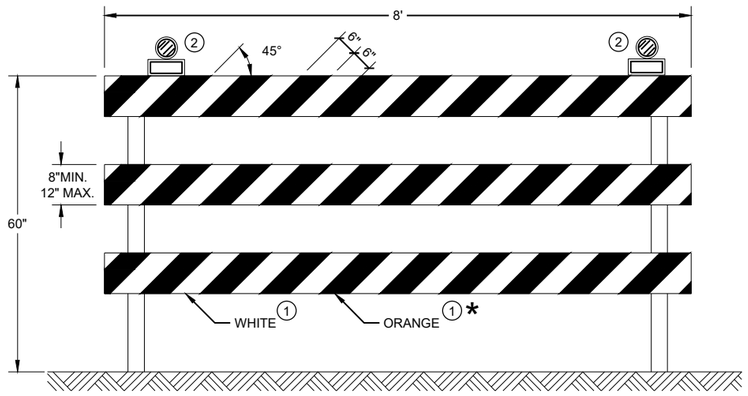
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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SDD 15C11 - 10b

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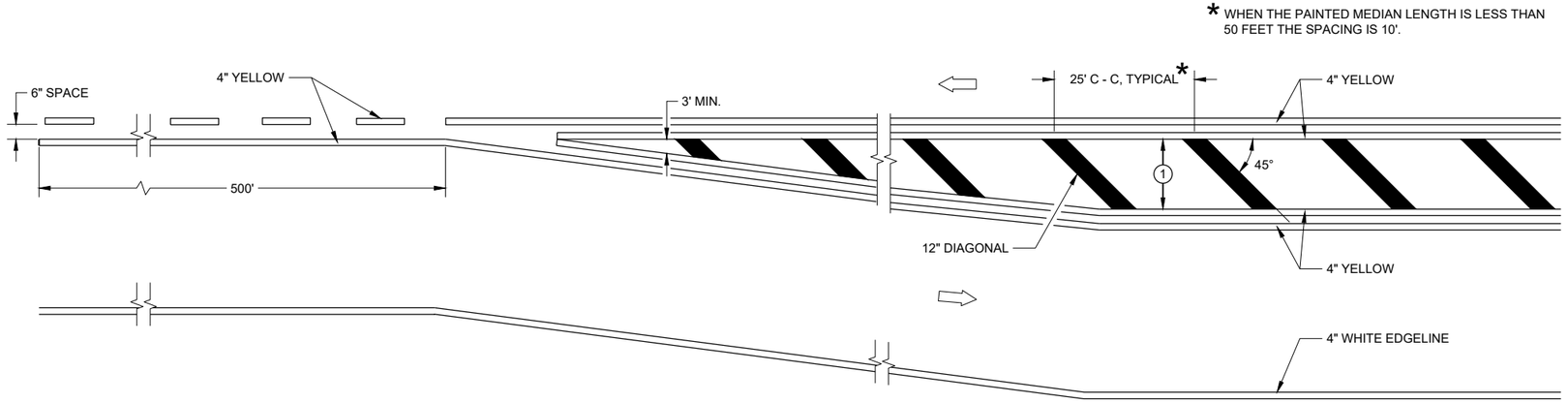
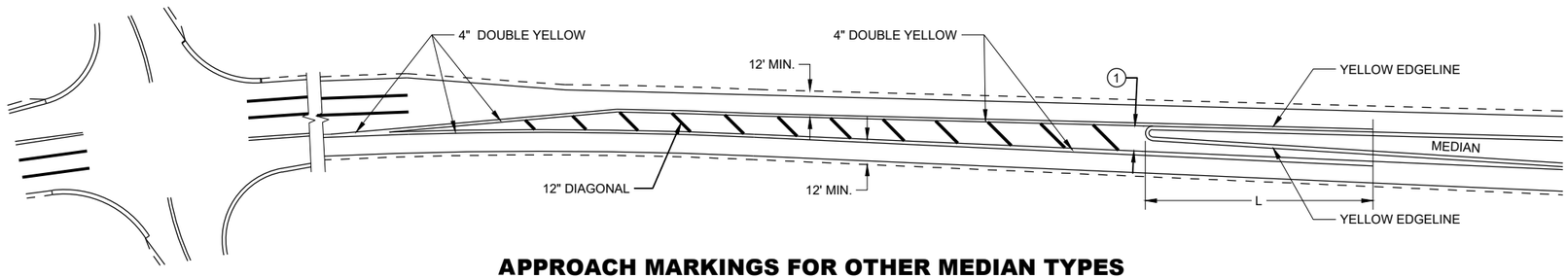


MEDIAN ISLAND DETAIL

GENERAL NOTES

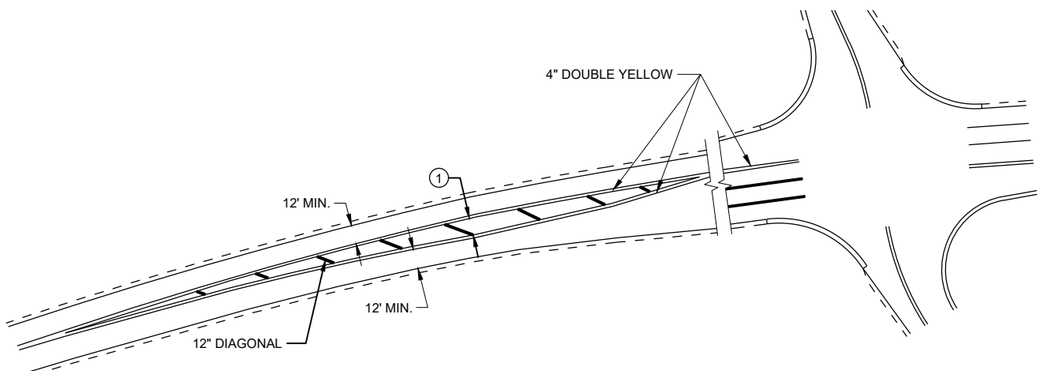
1. DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

⇨ DIRECTION OF TRAVEL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES

SPEED LIMIT	L
<35 MPH	5'
35> MPH	50'



NON-APPROACH MARKINGS

6

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MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
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FHWA

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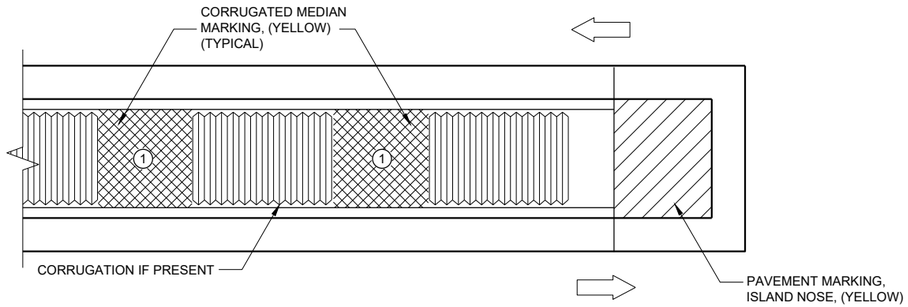
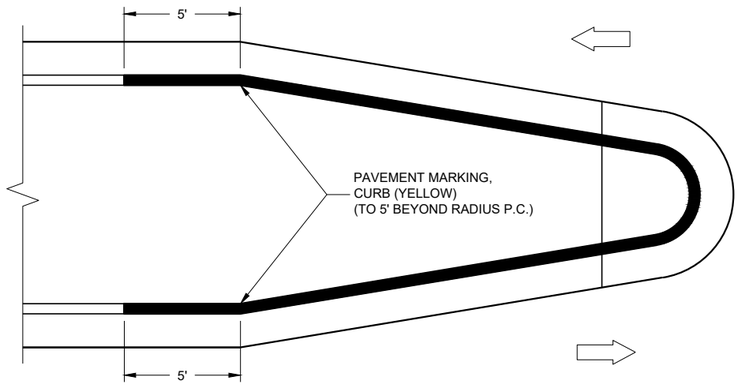
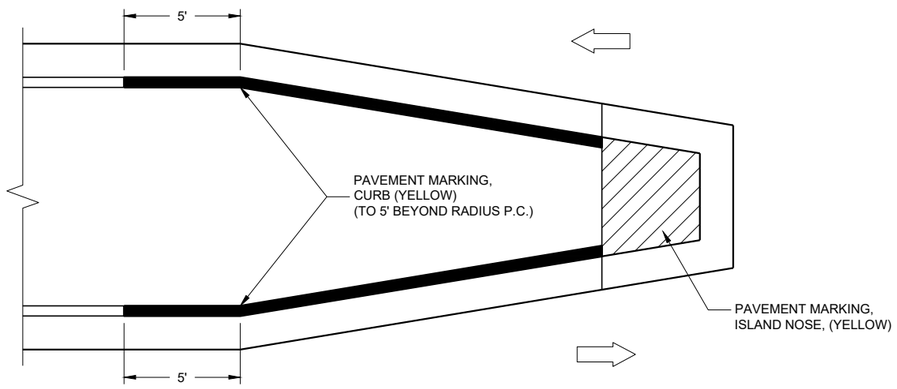


MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL

PAVEMENT MARKINGS, MEDIAN ISLAND NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

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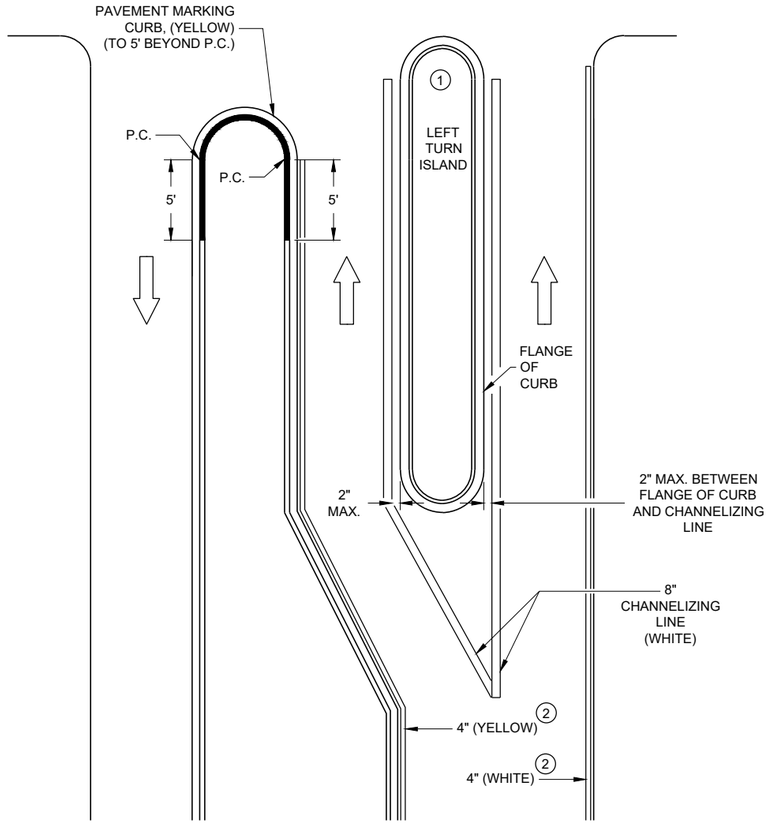
REQUIREMENTS FOR EDGE LINES		
POSTED SPEED	IS THERE CONTINUOUS LIGHTING?	
	YES	NO
≤ 30 MPH	NO	OPTIONAL
35 OR 40 MPH	OPTIONAL	RECOMMENDED
≥ 45 MPH	RECOMMENDED	REQUIRED



LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

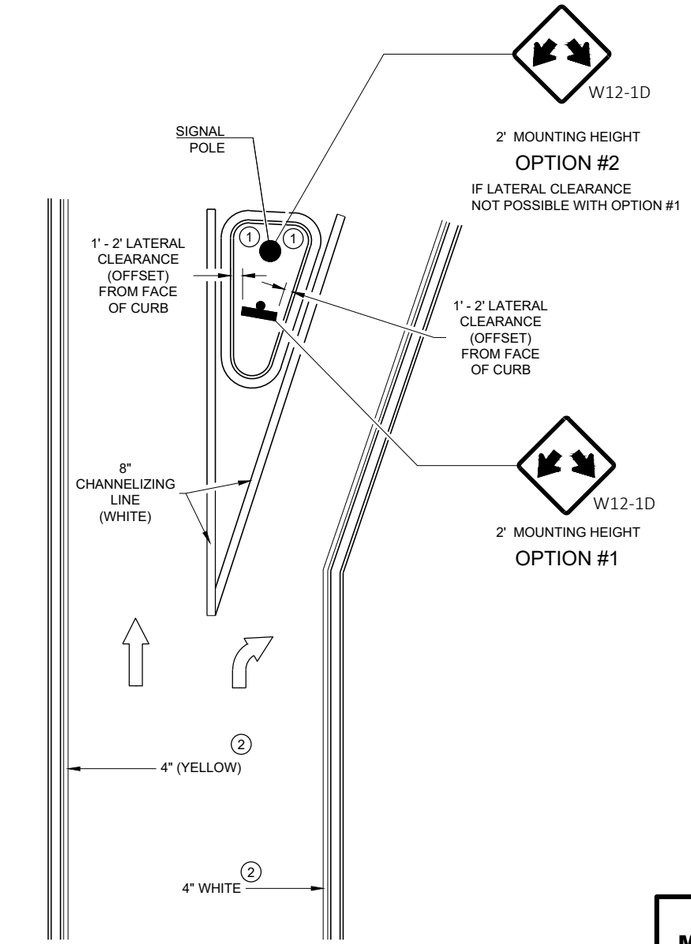
APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.

SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.

(1) MARK CURB NOSES YELLOW.

(2) MARK ACCORDING TO TABLE.

DIRECTION OF TRAVEL



RIGHT TURN ISLAND

MEDIAN PAVEMENT MARKINGS, DOUBLE ARROW WARNING SIGN PLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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November 2022
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/S/ Jeannie Silver
STATE SIGNING AND MAF ENGINEER

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LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

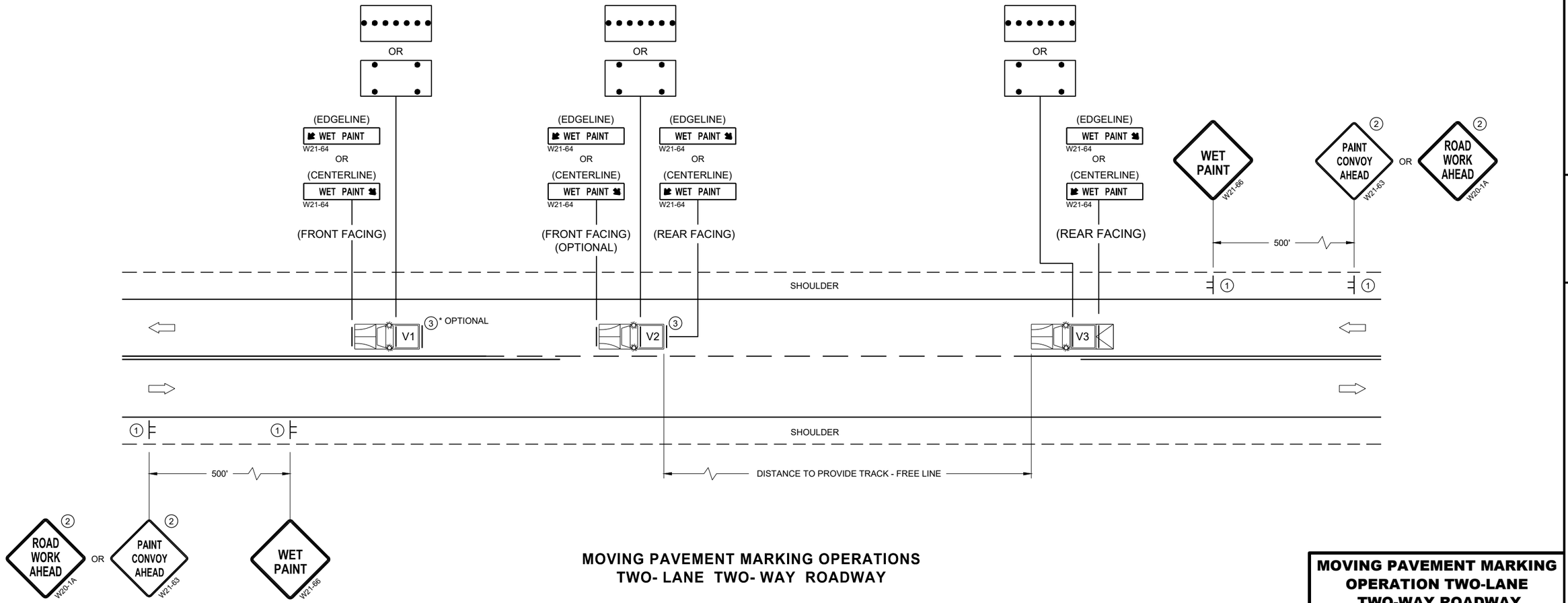
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.

(3) V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

/S/ Andrew I
WORK ZONE EN

FHWA

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LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FLASHING ARROW PANEL (MERGE)

FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

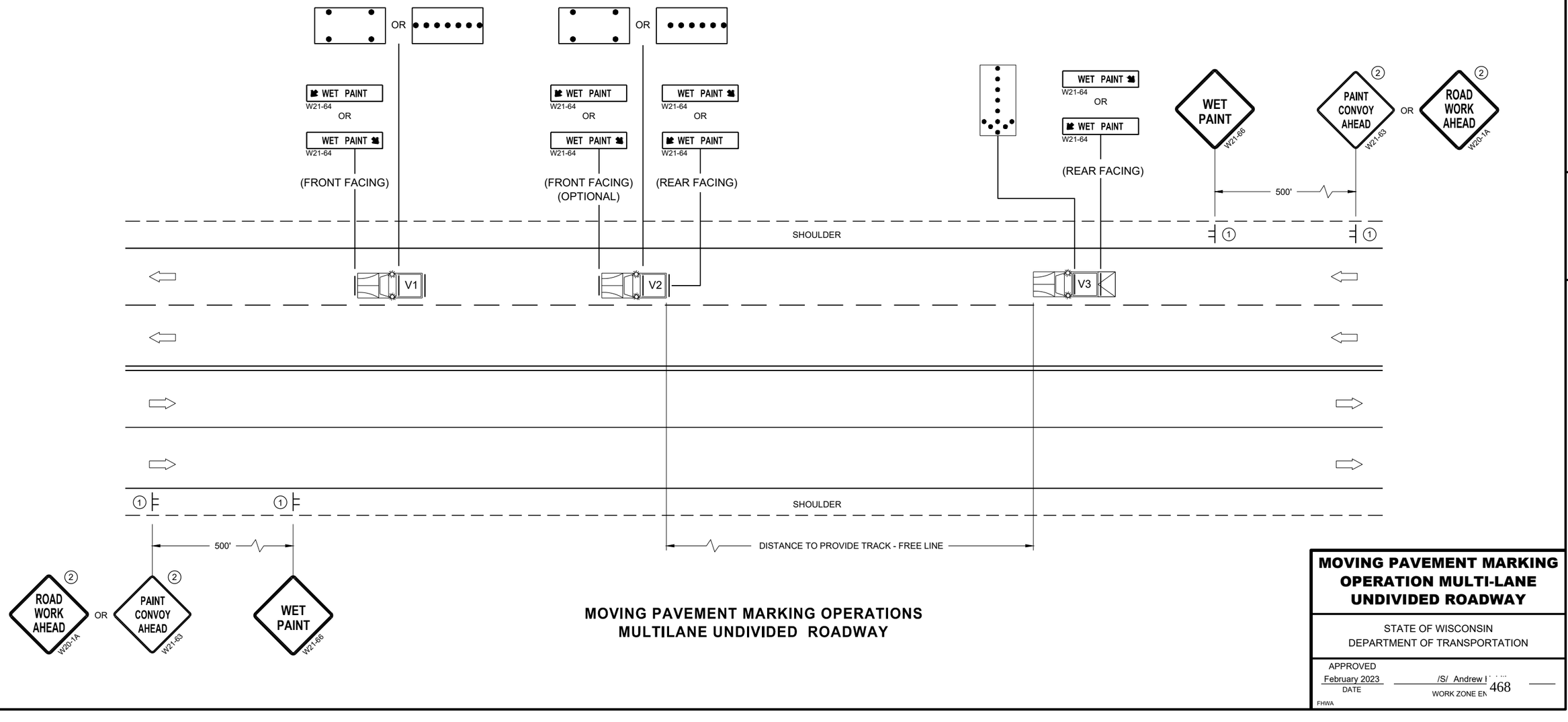
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLES AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL HAVE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS.

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS
MULTILANE UNDIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

/S/ Andrew I...
WORK ZONE EN

FHWA

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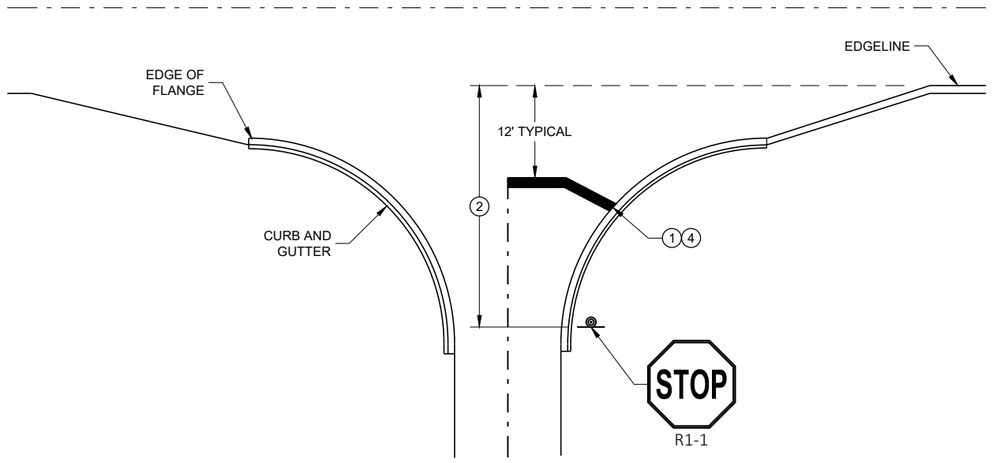
SDD 15C19-08b

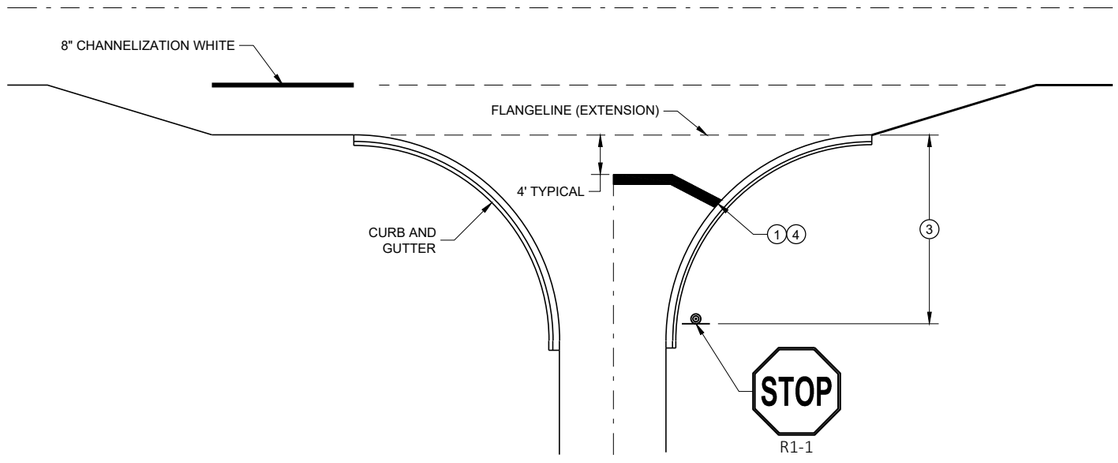
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

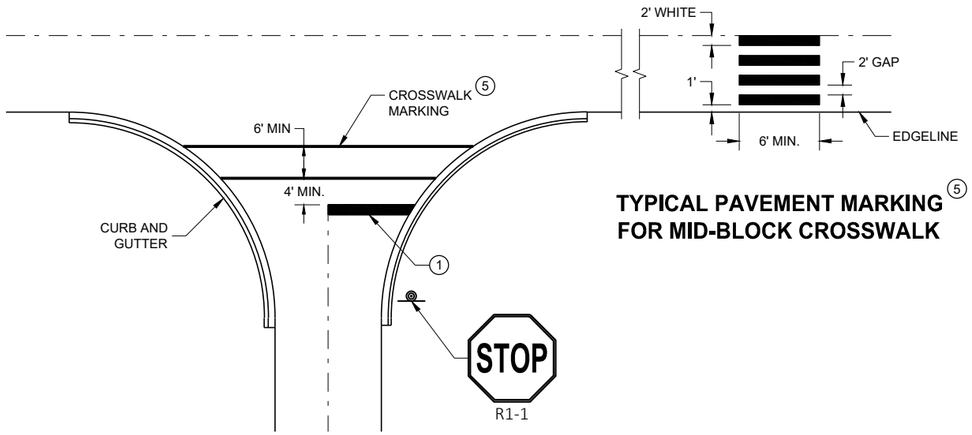
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

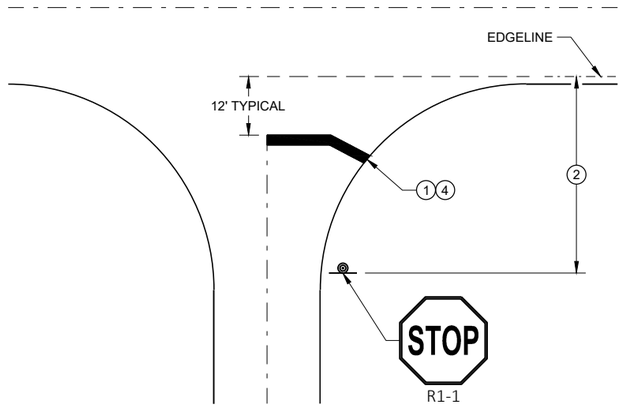


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

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SDD 15C33 - 04

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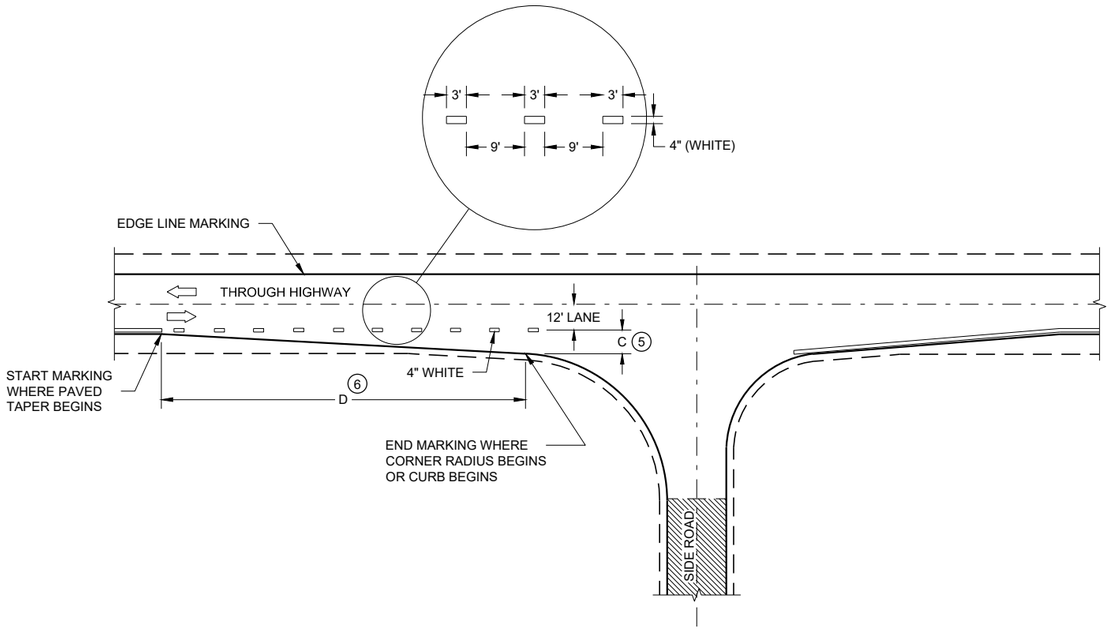
SDD 15C33 - 04



MINOR INTERSECTION

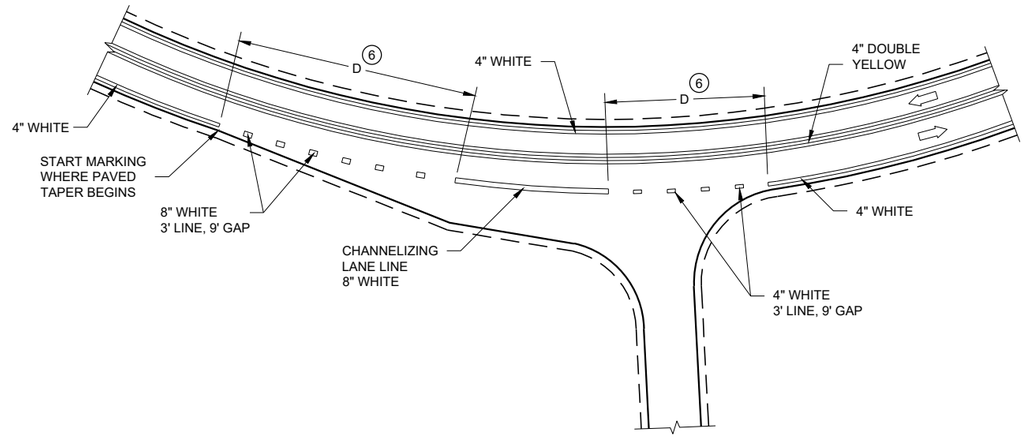
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

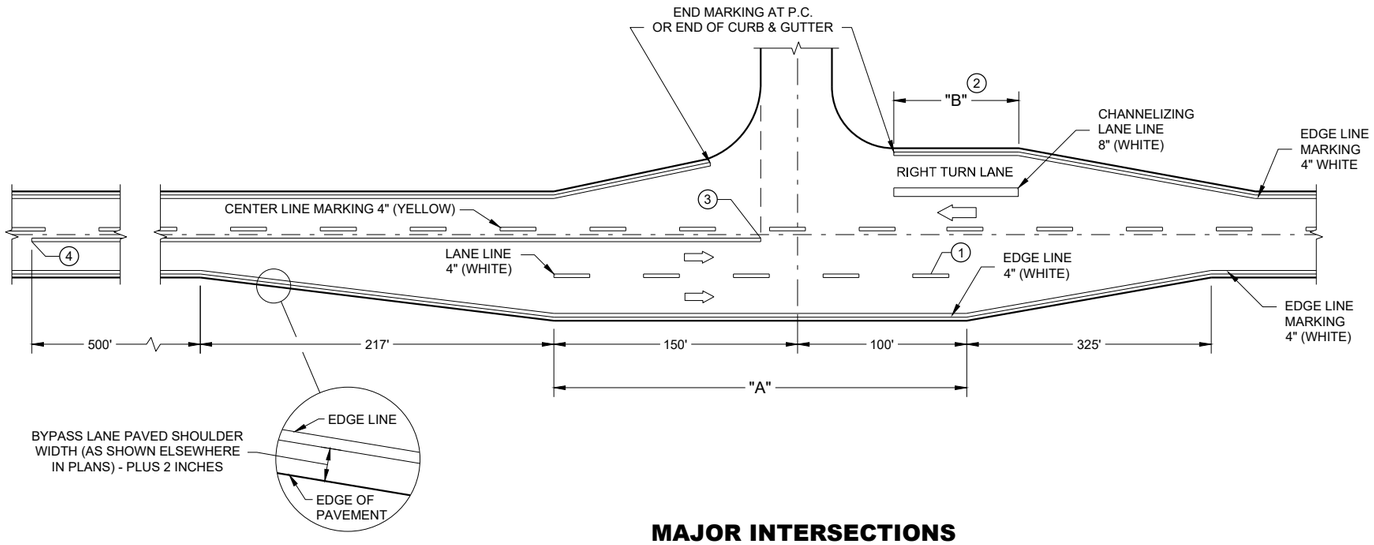
1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C35 - 05a

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

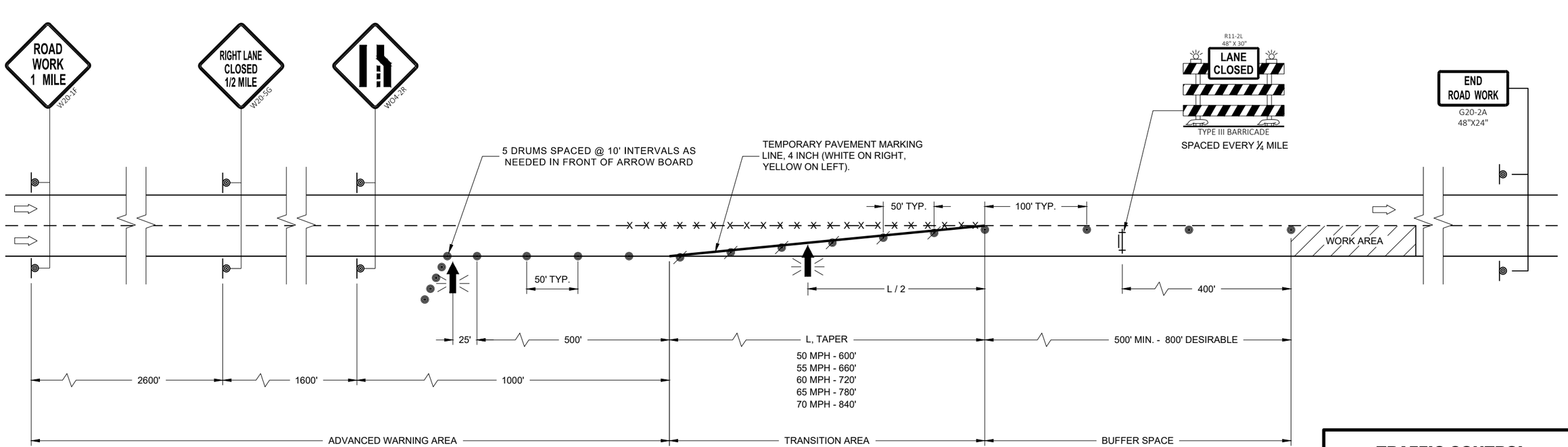
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- FLASHING ARROW BOARD



TRAFFIC CONTROL LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D12 - 10a

6

SDD 15D12 - 10a

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

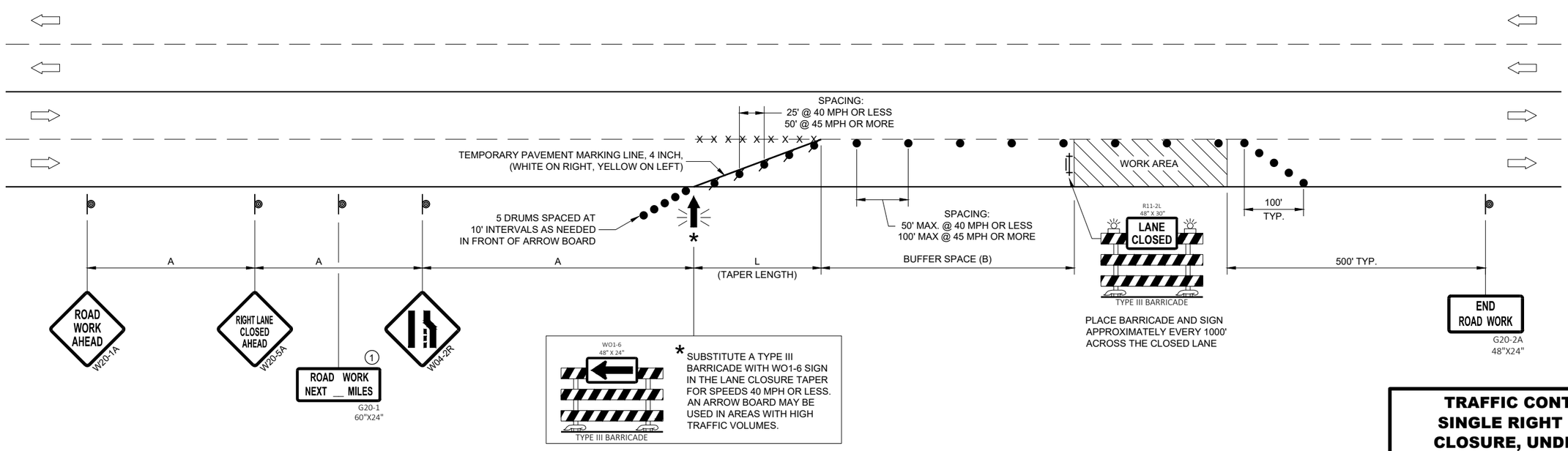
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'
50	500'	600'	280'
55	500'	660'	335'



TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15D20 - 06b

SDD 15D20 - 06b

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

DUE TO LACK OF SHOULDER/MEDIAN, ARROW BOARD IS PLACED AT THE THE END OF THE TAPER.

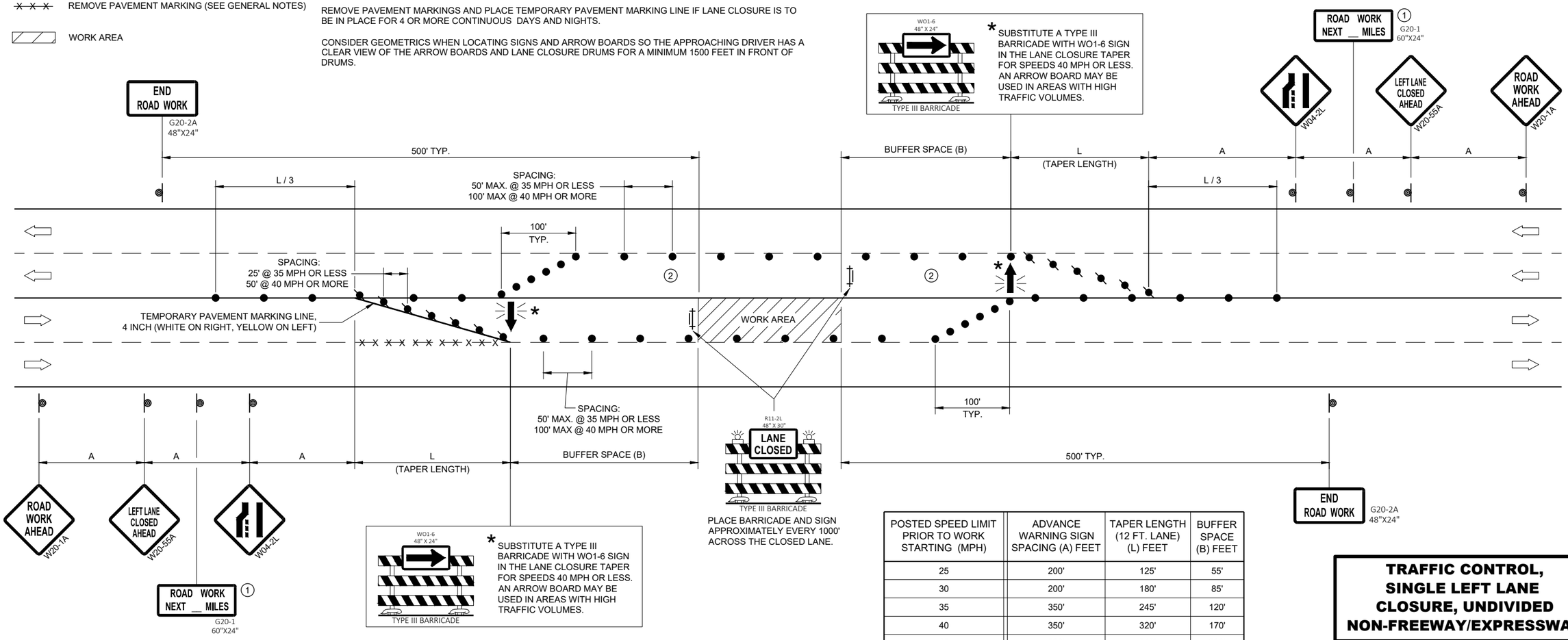
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) LANE MAY BE OPENED WHEN WORKERS ARE NOT PRESENT IN THE WORK AREA.



* SUBSTITUTE A TYPE III BARRICADE WITH WO1-6 SIGN IN THE LANE CLOSURE TAPER FOR SPEEDS 40 MPH OR LESS. AN ARROW BOARD MAY BE USED IN AREAS WITH HIGH TRAFFIC VOLUMES.

PLACE BARRICADE AND SIGN APPROXIMATELY EVERY 1000' ACROSS THE CLOSED LANE.

* SUBSTITUTE A TYPE III BARRICADE WITH WO1-6 SIGN IN THE LANE CLOSURE TAPER FOR SPEEDS 40 MPH OR LESS. AN ARROW BOARD MAY BE USED IN AREAS WITH HIGH TRAFFIC VOLUMES.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
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35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'
50	500'	600'	280'
55	500'	660'	335'

TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D20 - 06c

6

SDD 15D20 - 06c

GENERAL NOTES

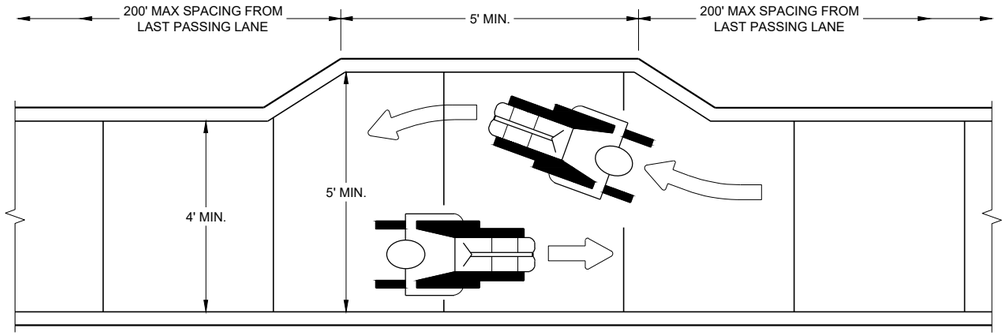
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

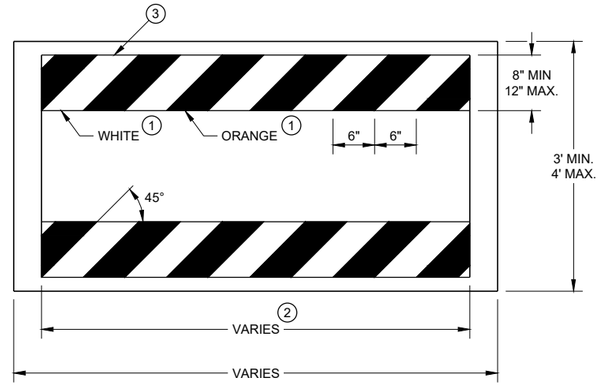
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

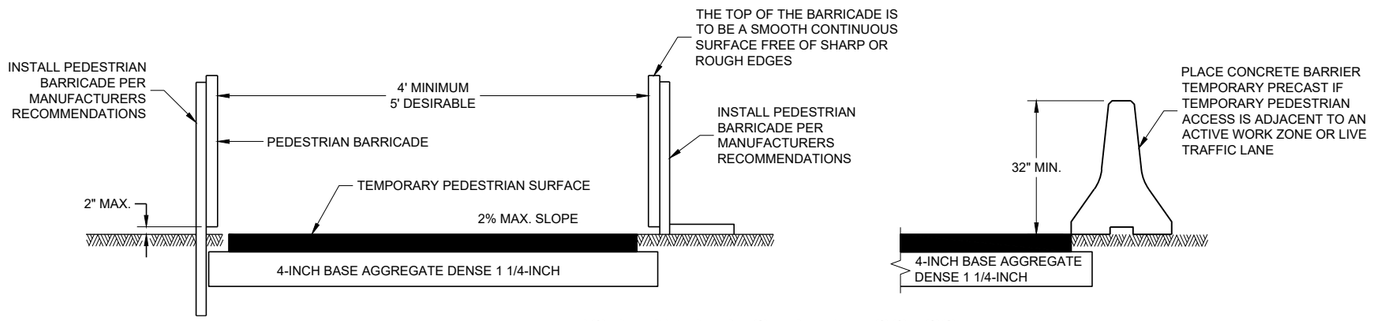
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN BARRICADE*

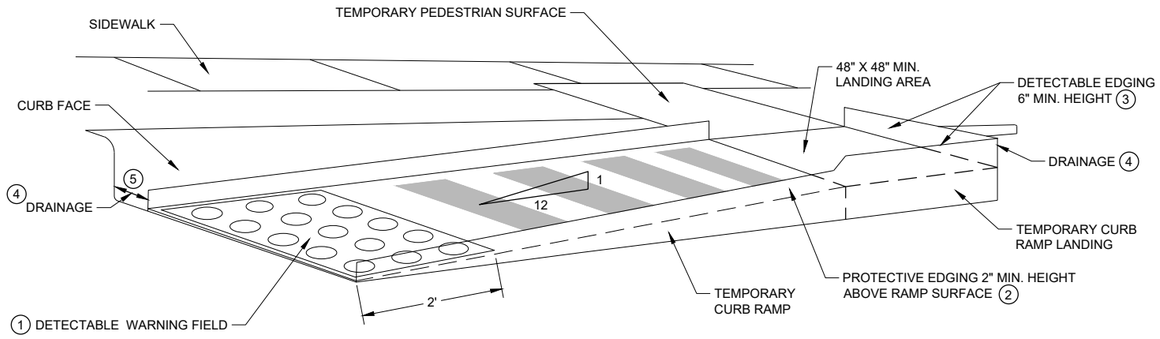


TEMPORARY PEDESTRIAN ACCESS

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

6

SDD 15D30 - 08a



PERSPECTIVE VIEW

GENERAL NOTES

CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.

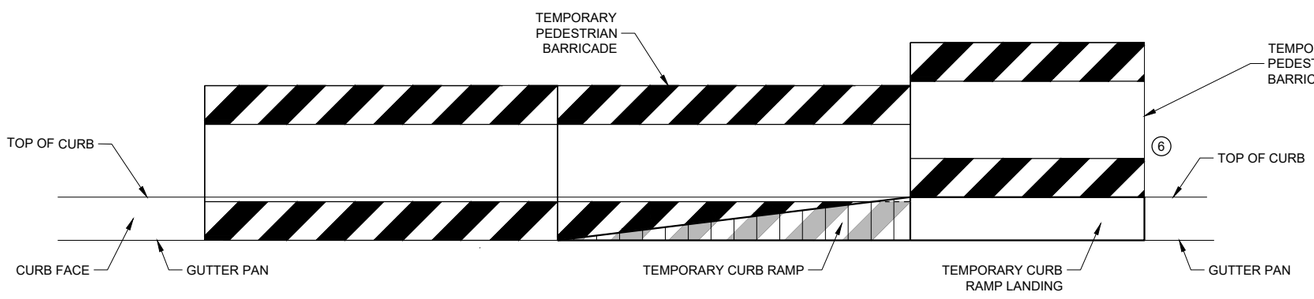
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

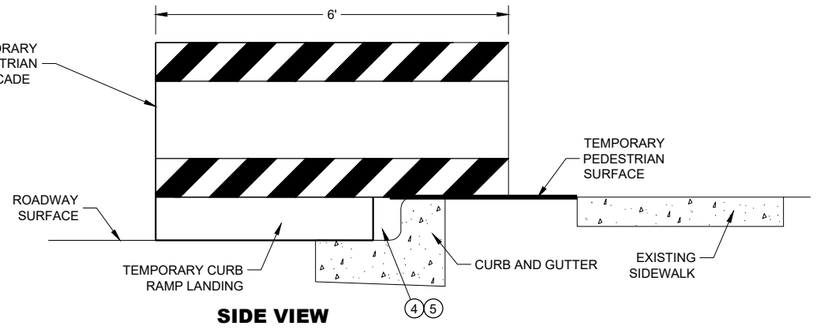
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.

(6) IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.



FRONT VIEW



SIDE VIEW

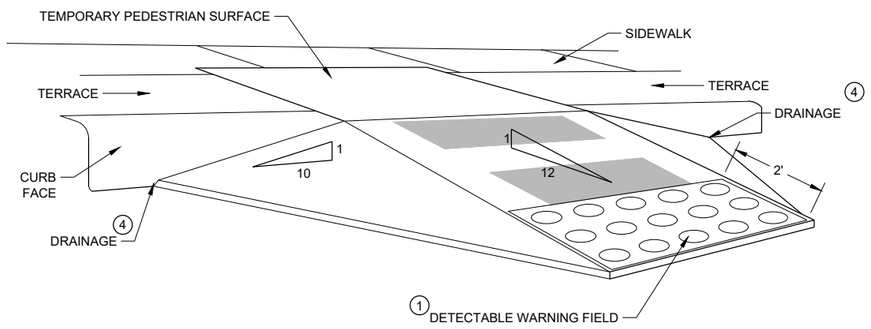
TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

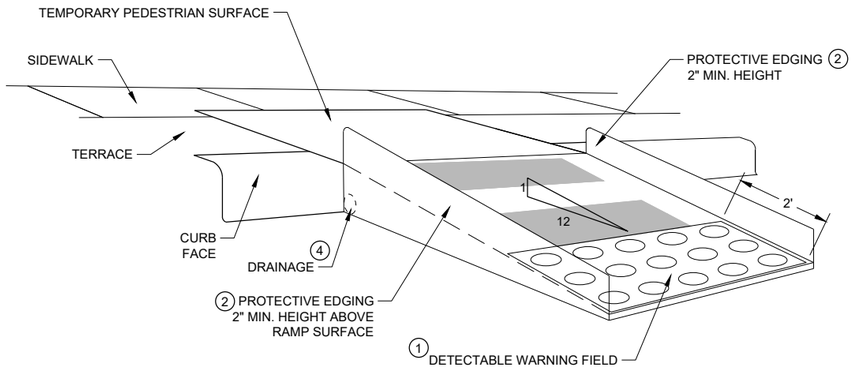
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 08b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

6

SDD 15D30 - 08c

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

GENERAL NOTES

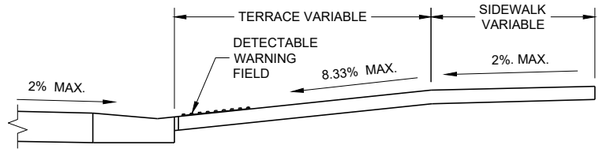
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

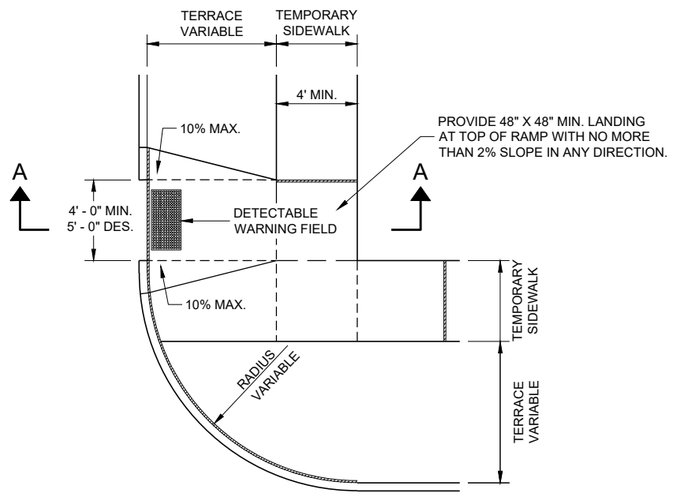
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



SECTION A - A



PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

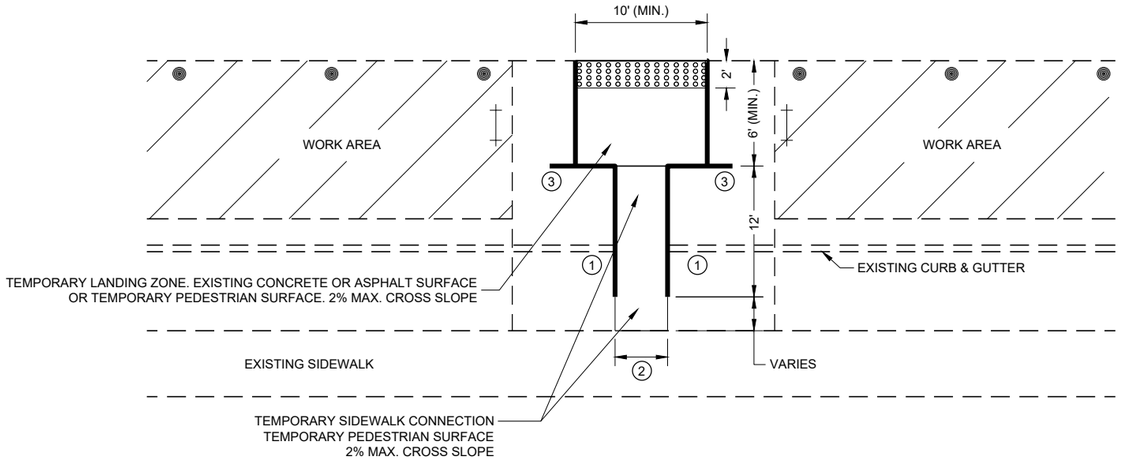
APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

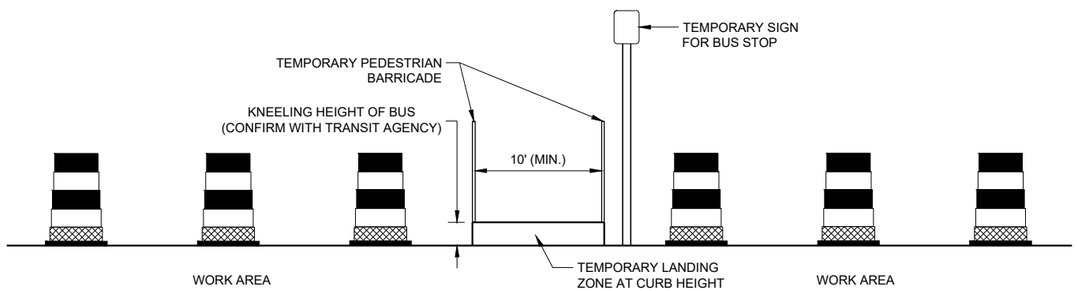
FHWA

6

SDD 15D30-08d



PLAN VIEW



PROFILE VIEW

TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA

6

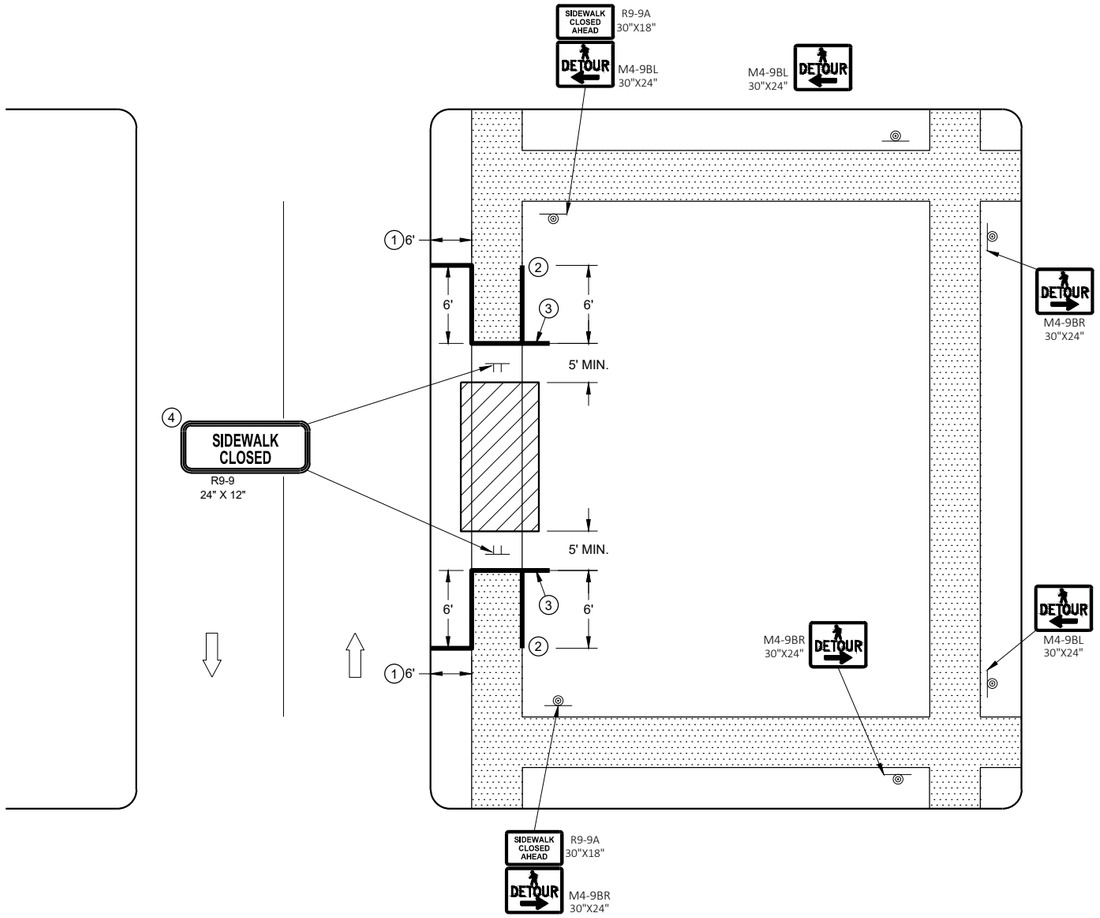
SDD 15D30 - 08e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

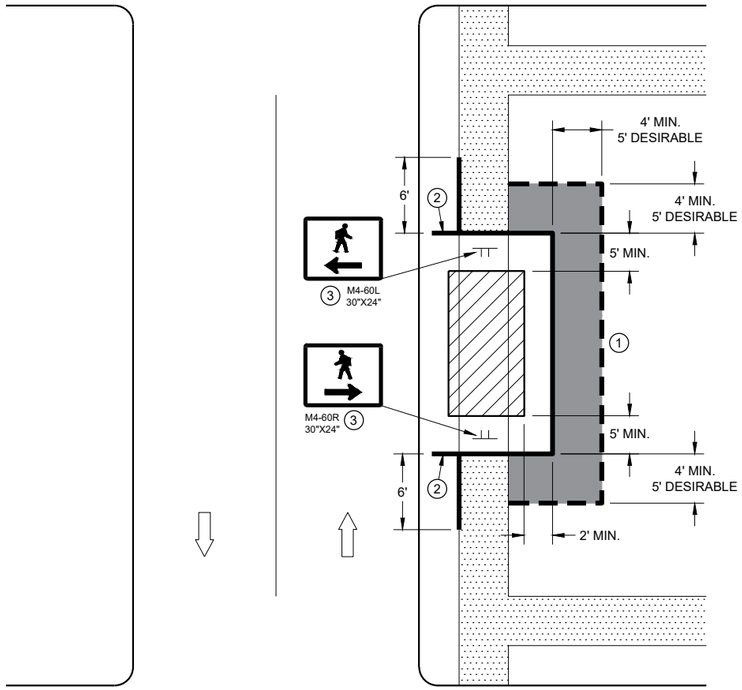
TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

1. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
2. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK DIVERSION
SINGLE SIDE

6

SDD 15D30 - 08g

6

SDD15D30 - 08g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

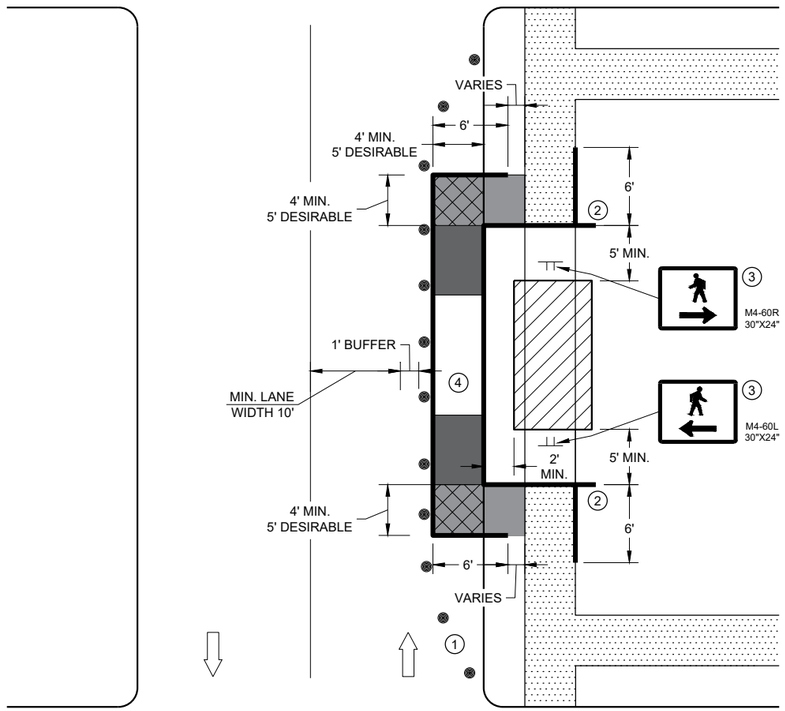
GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.
2. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.
4. USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.



SIDEWALK DIVERSION, SINGLE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

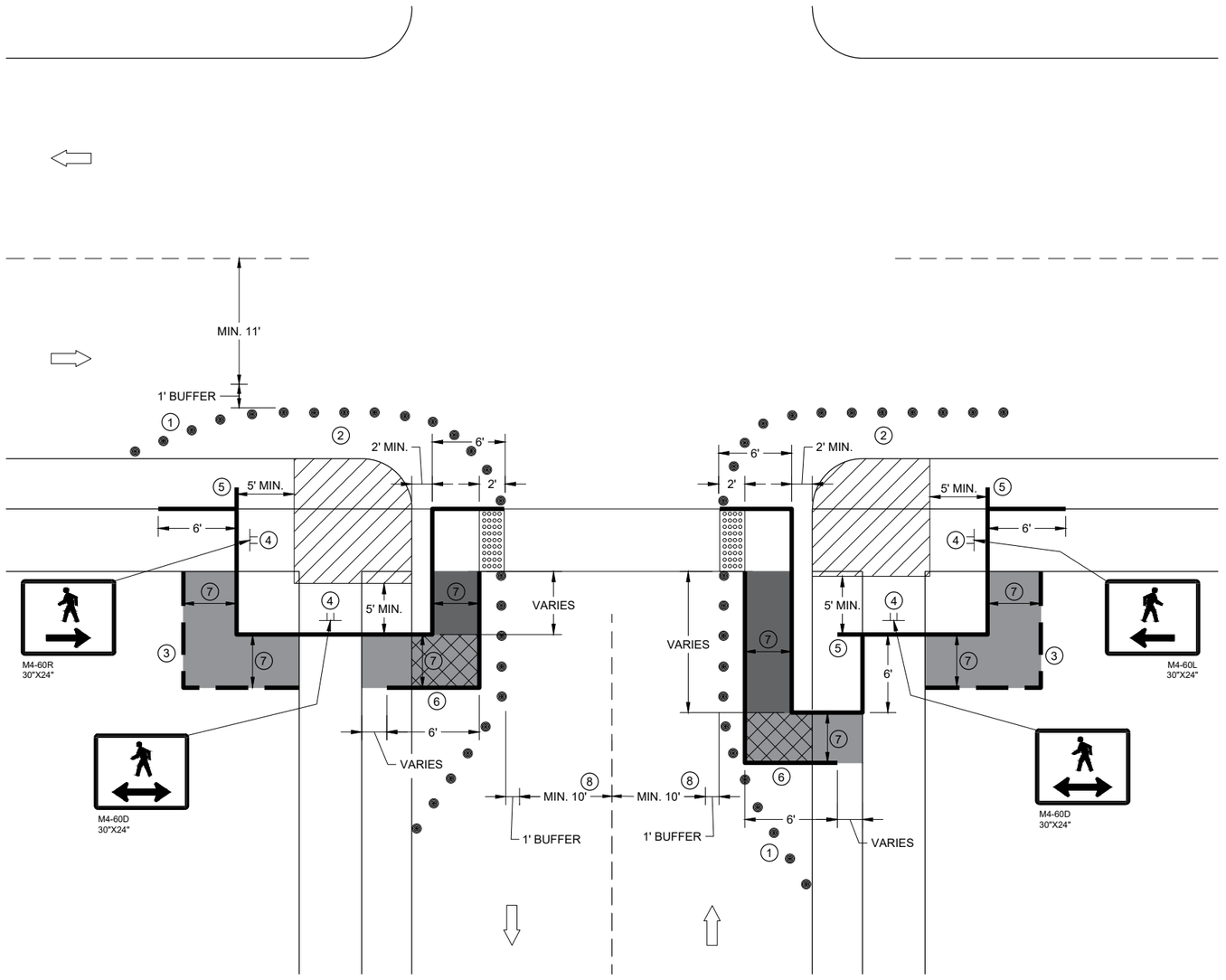
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 08h

6

SDD 15D30 - 08h



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

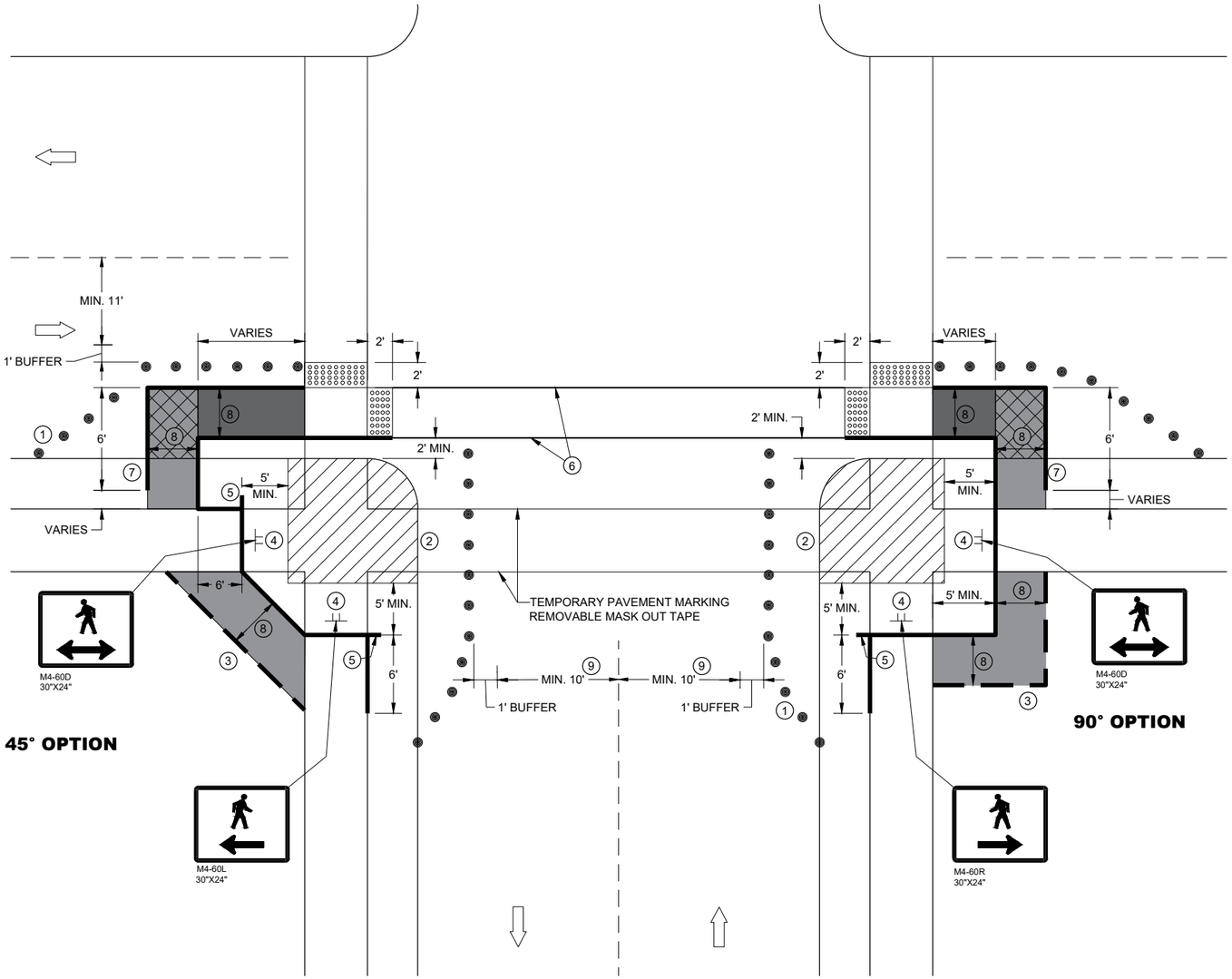
1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

6
SDD 15D30 - 08i



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. WHITE 6" TEMPORARY PAVEMENT MARKING
7. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
8. 4 FEET MINIMUM, 5 FEET DESIRABLE
9. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

SDD 15D30 - 08j

6

LEGEND

SIGN ON PERMANENT SUPPORT

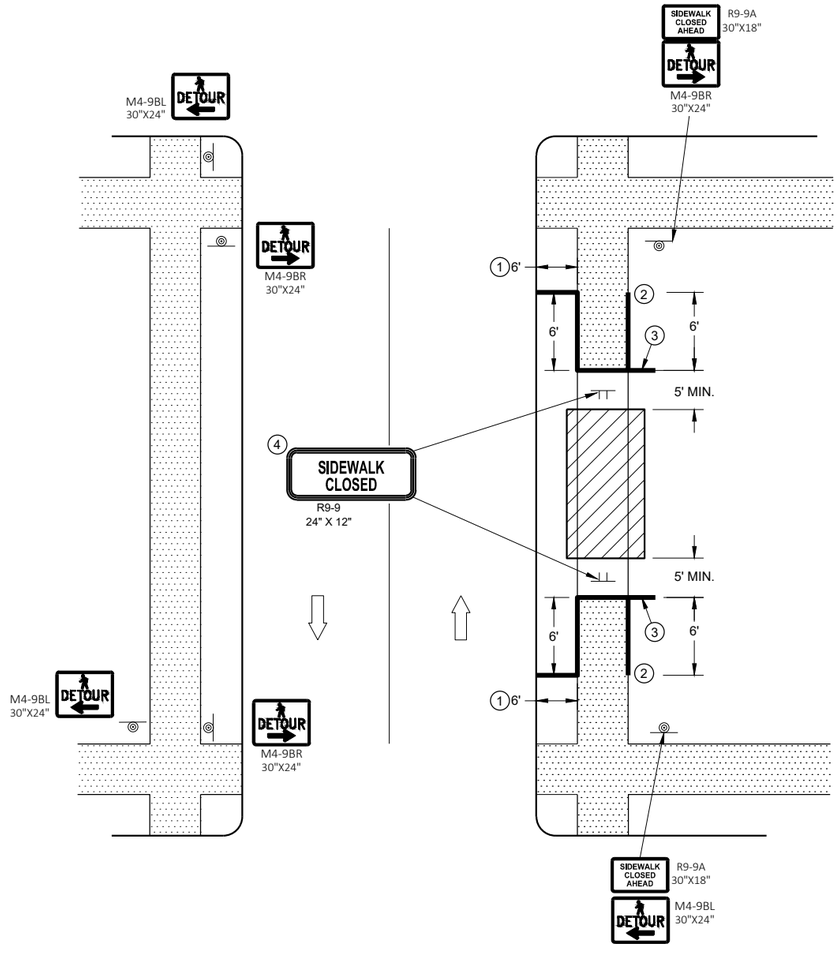
SIGN ON TEMPORARY SUPPORT

UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC



GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)					BUFFER SPACE (B) FEET
		10	11	12	13	14	
25	200	52	57	63	68	73	55
30	200	75	83	90	98	105	85
35	350	102	112	123	133	143	120
40	350	133	147	160	173	187	170
45	500	225	248	270	293	315	220

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT RIGHT - REVERSE FOR SHIFTING LEFT.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

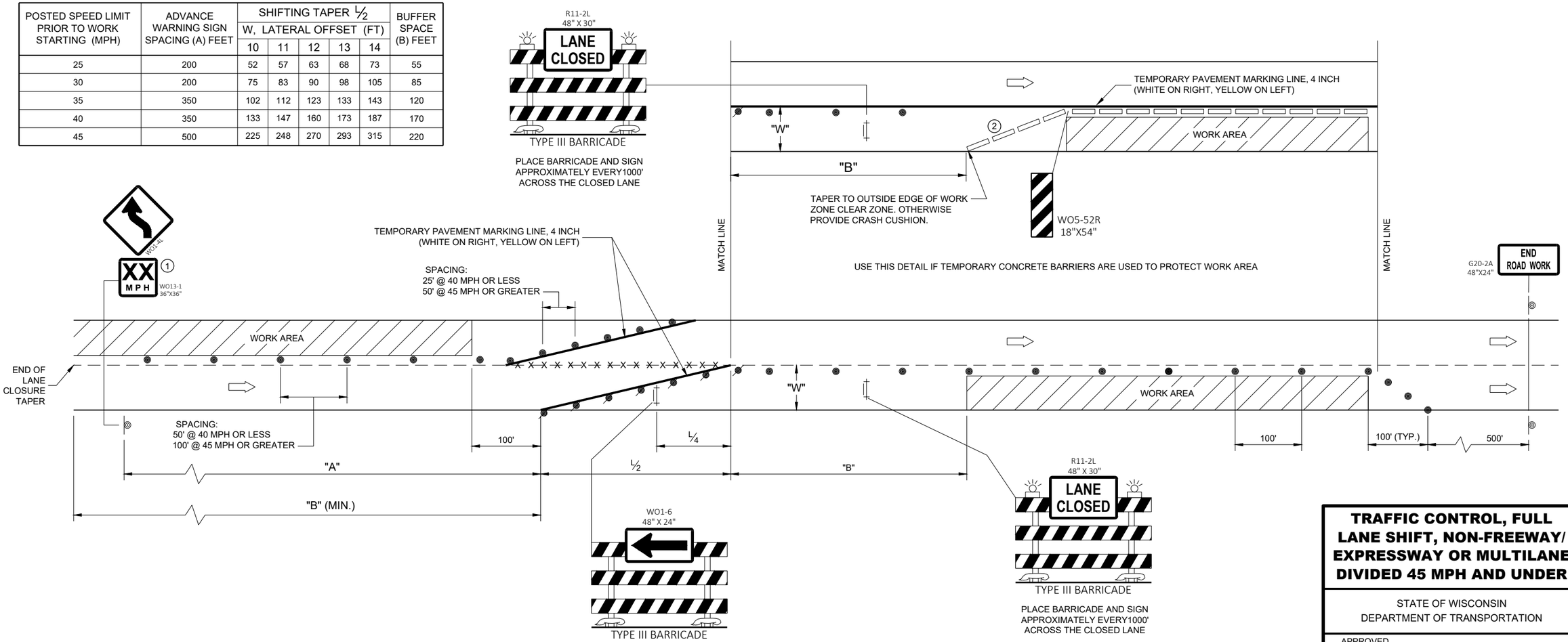
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER
SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL
CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

(2) BARRIER FLARE RATE: 6:1 @ 40 MPH OR LESS
8:1 @ 45 MPH OR GREATER



TRAFFIC CONTROL, FULL LANE SHIFT, NON-FREEWAY/ EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15D40 - 04a

SDD 15D40 - 04a

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT LEFT - REVERSE FOR SHIFTING RIGHT.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

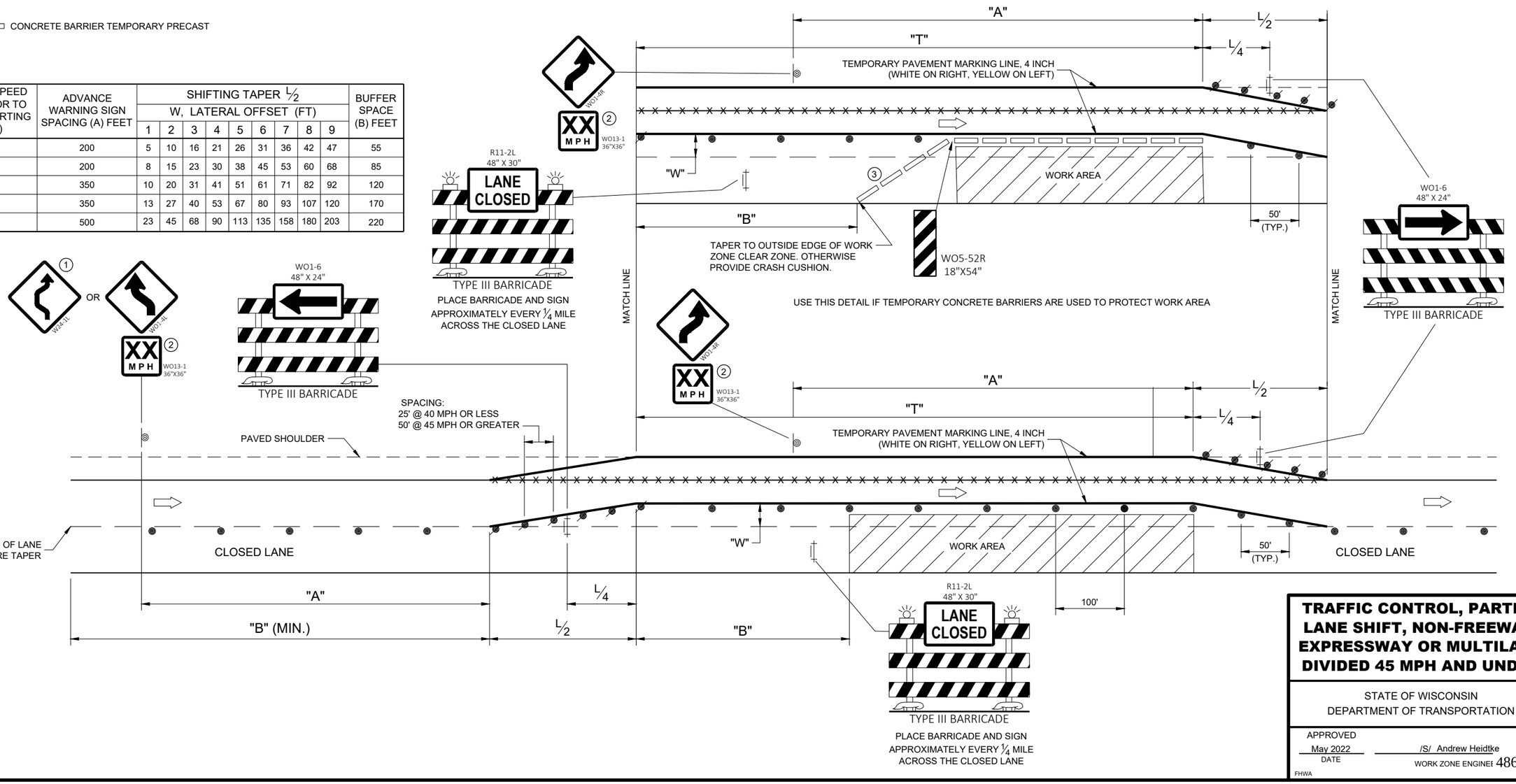
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) USE ONLY WHEN T<600', OMIT WO1-4R.

(2) IF NEEDED, USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

(3) BARRIER FLARE RATE: 6:1 @ 40 MPH OR LESS
8:1 @ 45 MPH OR GREATER

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)									BUFFER SPACE (B) FEET
		1	2	3	4	5	6	7	8	9	
25	200	5	10	16	21	26	31	36	42	47	55
30	200	8	15	23	30	38	45	53	60	68	85
35	350	10	20	31	41	51	61	71	82	92	120
40	350	13	27	40	53	67	80	93	107	120	170
45	500	23	45	68	90	113	135	158	180	203	220



PLACE BARRICADE AND SIGN APPROXIMATELY EVERY 1/4 MILE ACROSS THE CLOSED LANE

TRAFFIC CONTROL, PARTIAL LANE SHIFT, NON-FREEWAY/ EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6
SDD 15D40 - 04c

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)					
		3	4	5	6	7	8
25	200	10	14	17	21	24	28
30	200	15	20	25	30	35	40
35	350	20	27	34	40	47	54
40	350	26	35	44	53	62	70
45	500	45	59	74	89	104	119
50	500	50	66	83	99	116	132
55	500	54	73	91	109	127	145

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"x36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

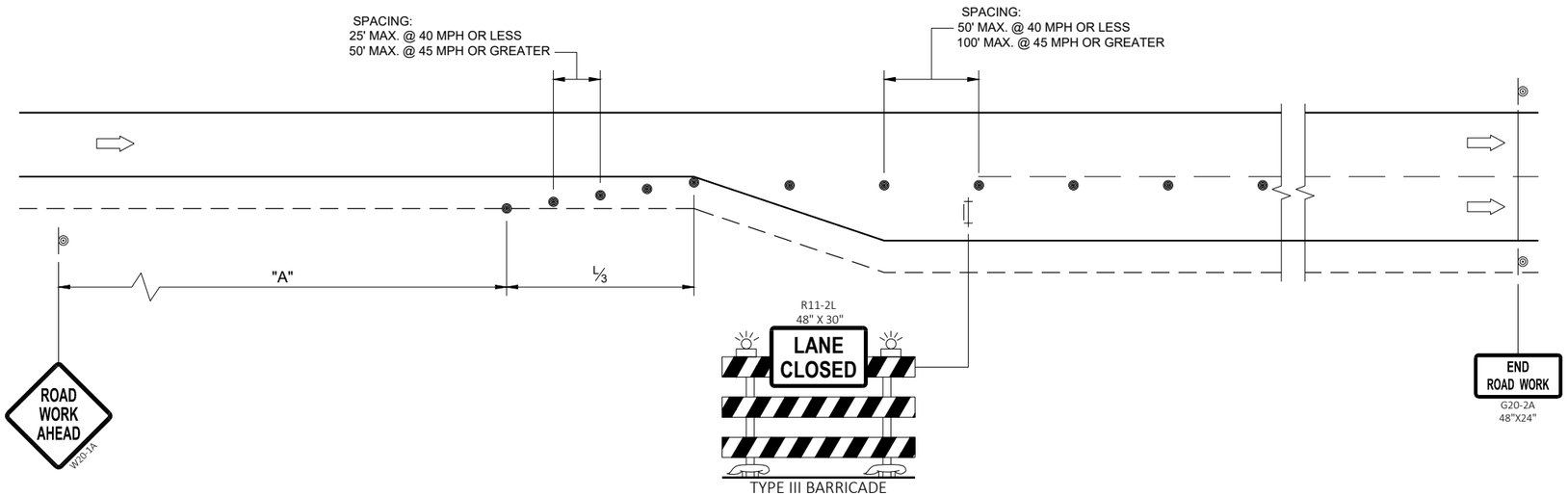
"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION WORK IS LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS.



PLACE BARRICADE AND SIGN APPROXIMATELY EVERY 1000' ACROSS THE CLOSED LANE

TRAFFIC CONTROL
ADDED LANE CLOSURE
WITHOUT LANE SHIFT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D50 - 02a

6

SDD 15D50 - 02a

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER (L/2) FEET
25	200	60
30	200	90
35	350	120
40	350	160
45	500	270
50	500	300
55	500	330

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"x36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

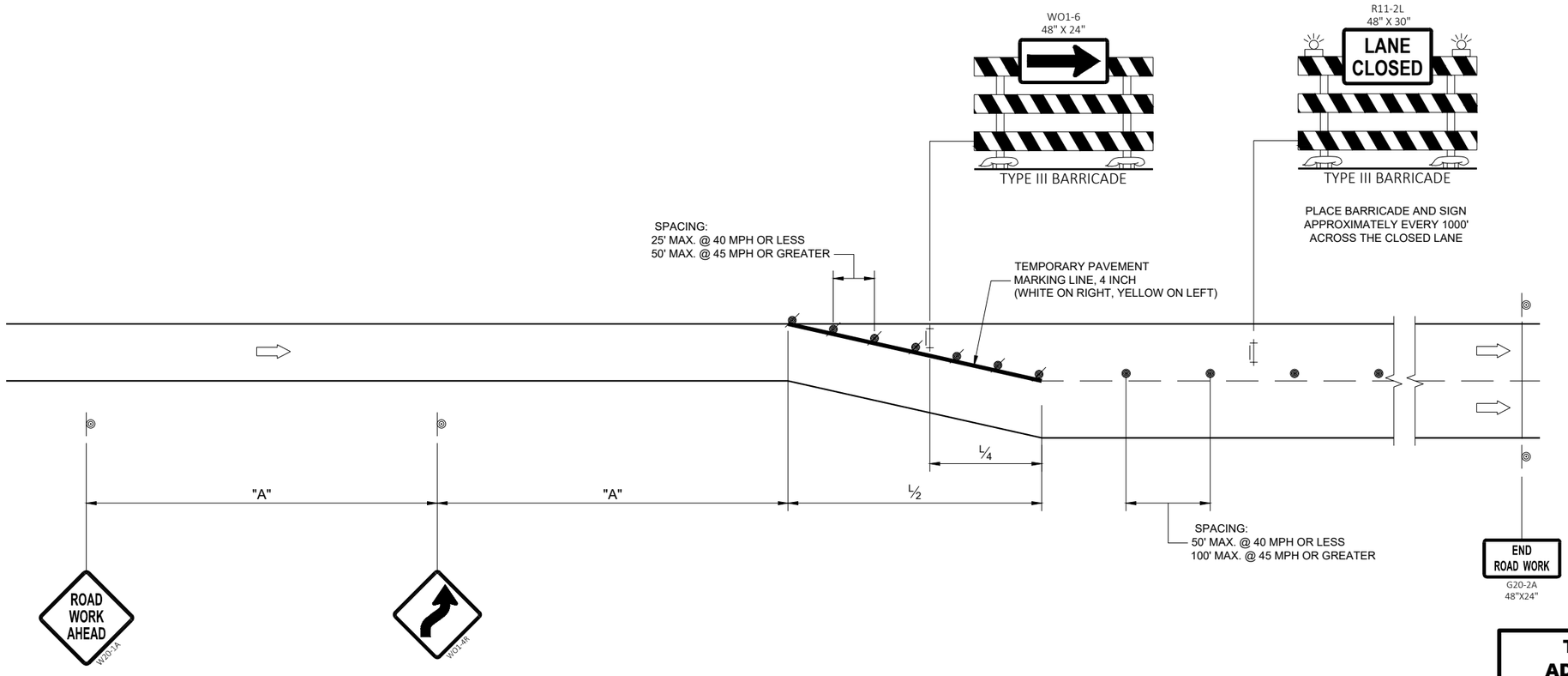
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION WORK IS LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS.

PLACE TEMPORARY PAVEMENT MARKING AND PLACE TEMPORARY PAVEMENT LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.



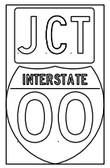
TRAFFIC CONTROL, ADDED LANE CLOSURE WITH LANE SHIFT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

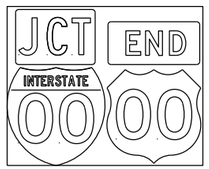
APPROVED
February 2022
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE 488
FHWA

6
SDD 15D50 - 02b

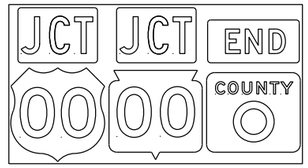
TYPICAL ASSEMBLIES



J1-1



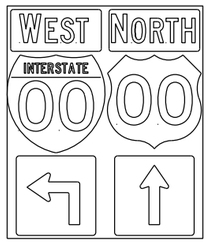
J1-2



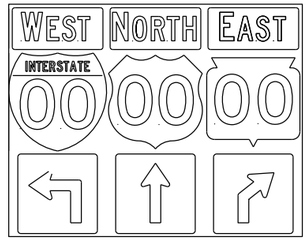
J1-3

JR1-1

J2-1

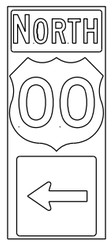


J2-2

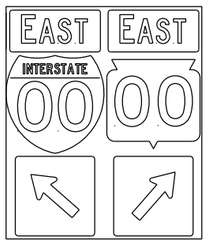


J2-3

JV
(Typical Vertical J-Assembly
See Note 10 and 11)



J3-1



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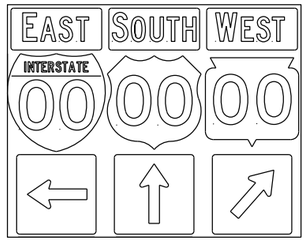

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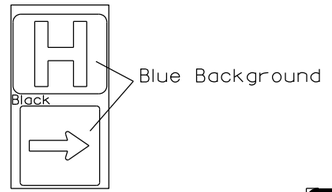
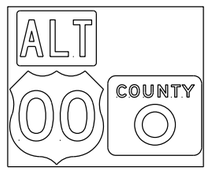


JH-1

J4-1



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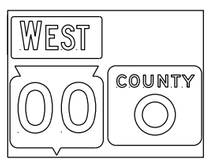
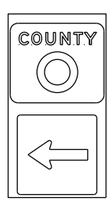


J4-2

J12-1



J13-1

J32-1

J33-1

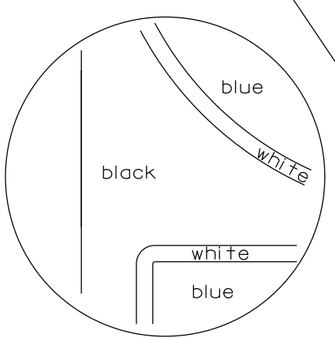
J22-1

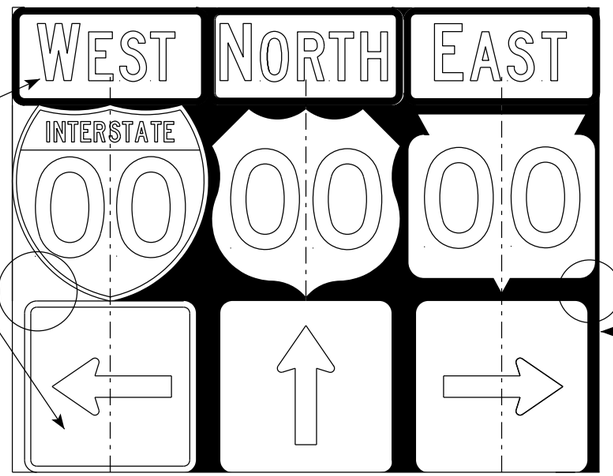
J23-1

JR13-1

JR23-1

JR99-1





NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/21 PLATE NO. A2-1S.9

PROJECT NO:

SHEET NO: 489 E

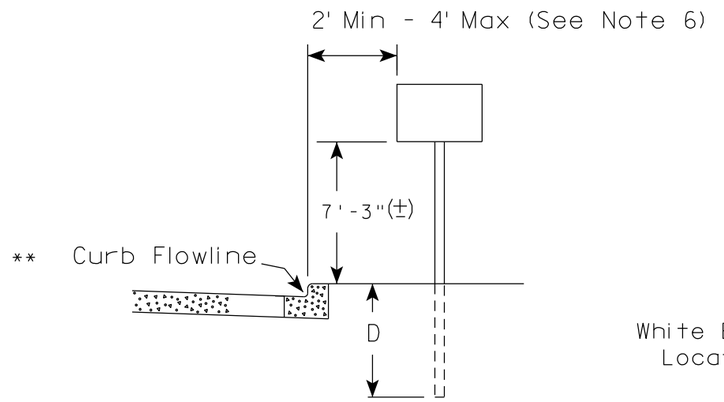
FILE NAME : C:\CAEfiles\Projects\tr_stdplate_A21S.dgn PLOT DATE : 18-MAR 2021 1:37 PLOT BY : mscj9h PLOT NAME :

WISDOT/CADDS SHEET 42

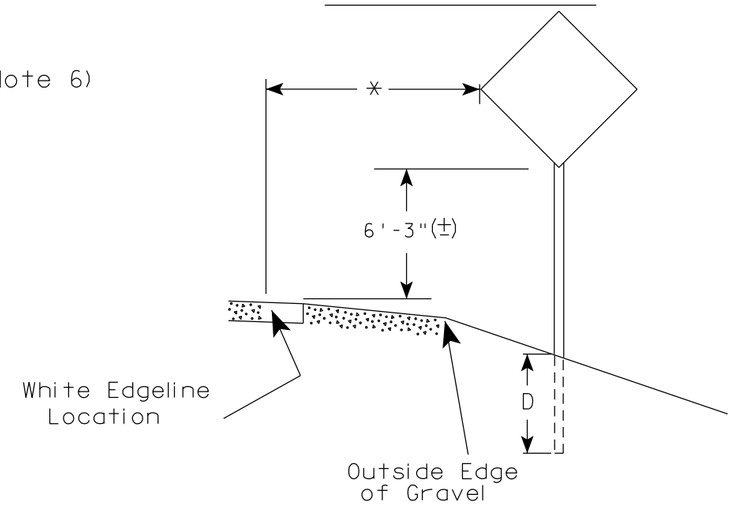
7

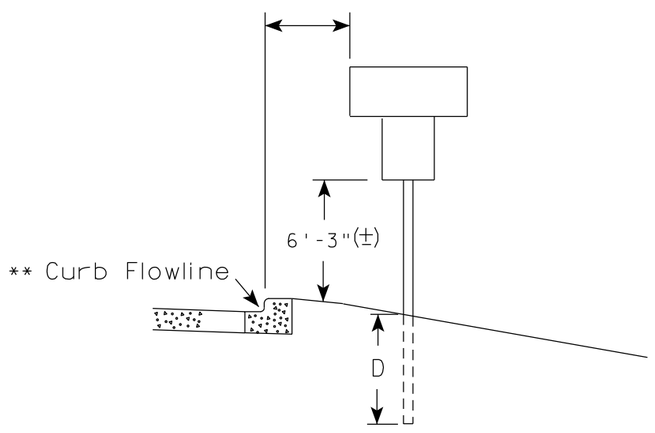
7

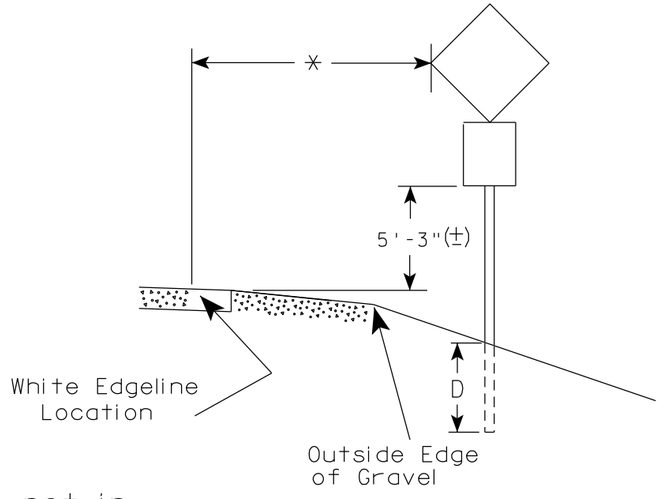
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. The (±) tolerance for mounting height is 3 inches.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.

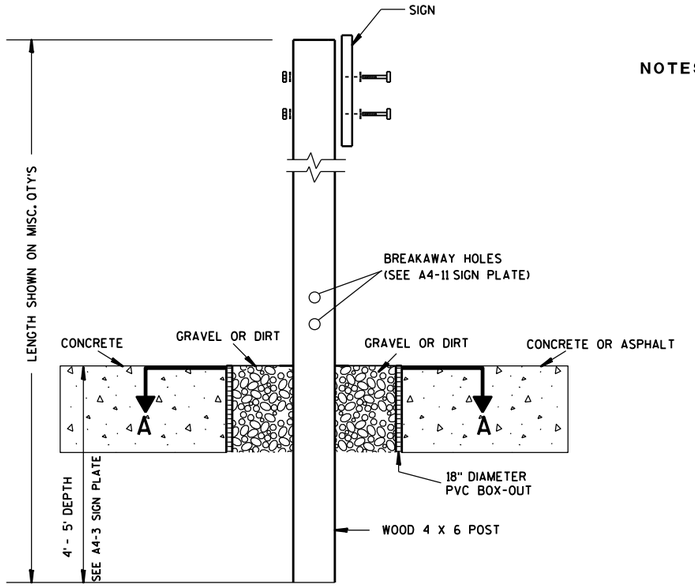
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

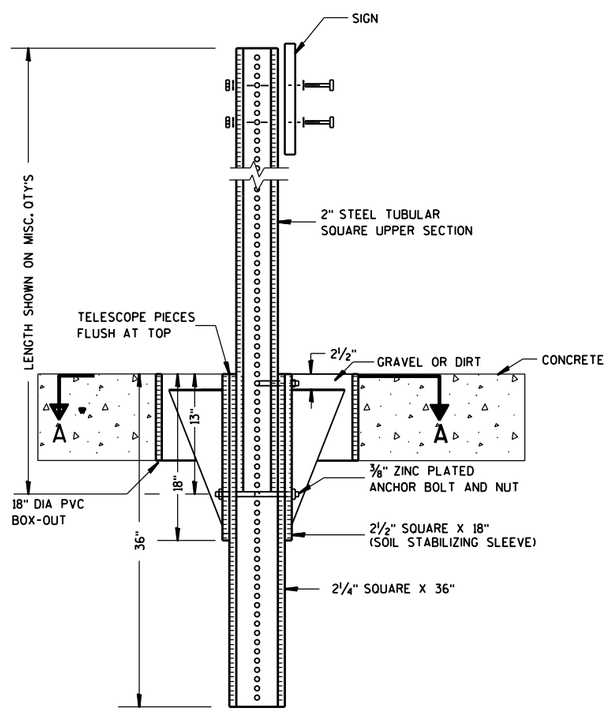
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 490	E



ELEVATION VIEW

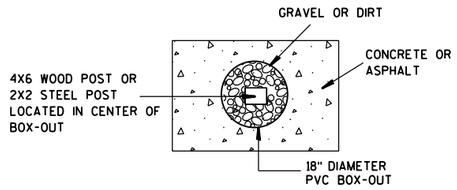
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

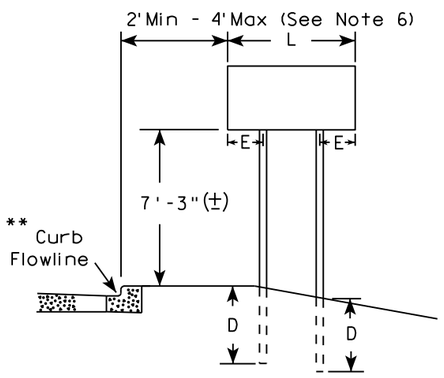
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

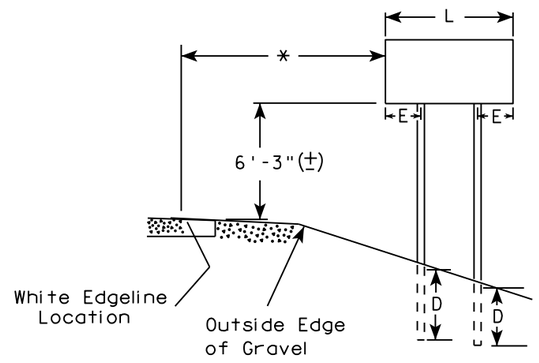
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

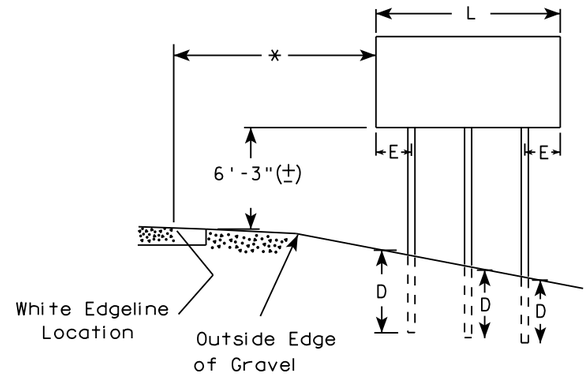
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

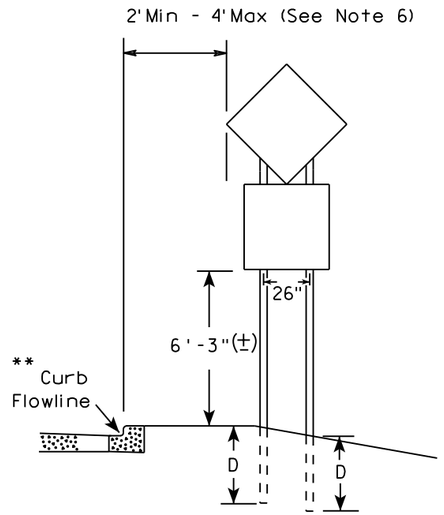
URBAN AREA



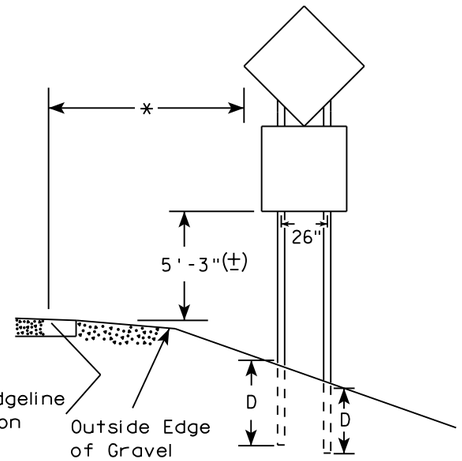
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

***	SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
	L	E
	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

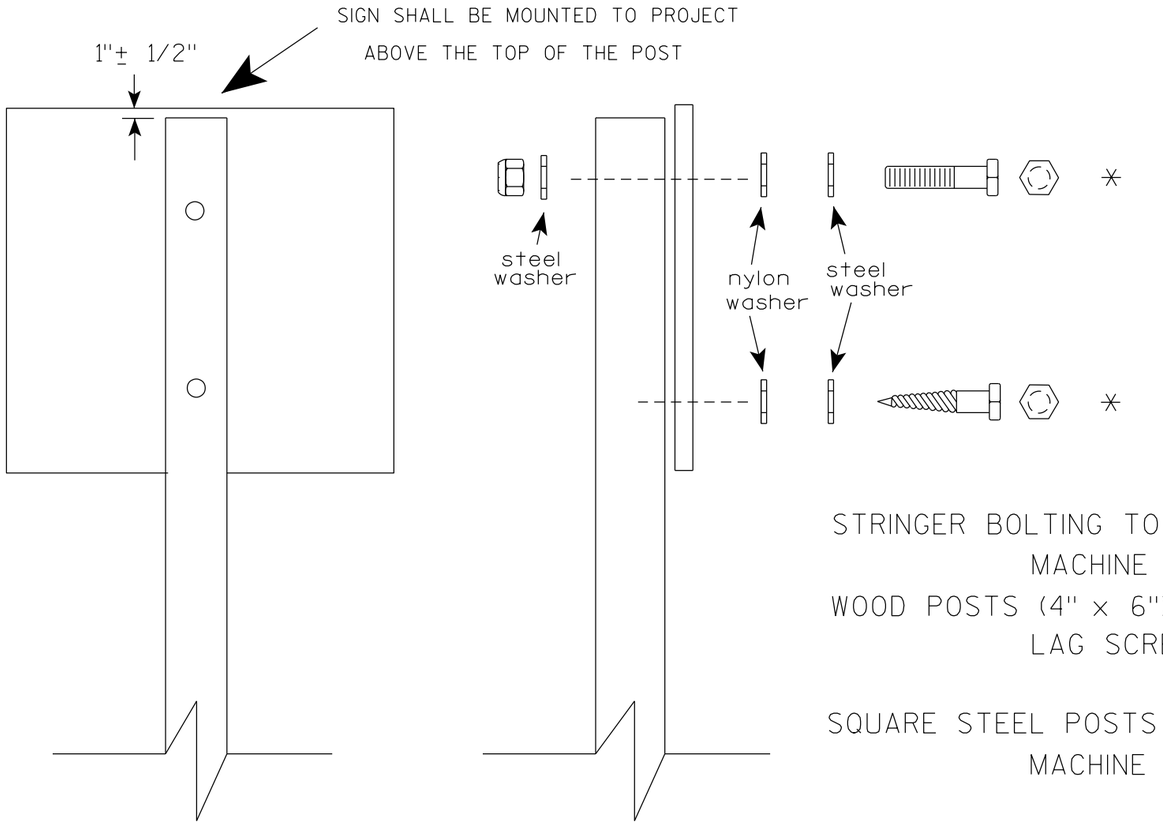
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 492	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL

1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

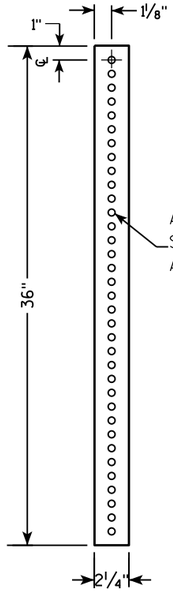
DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

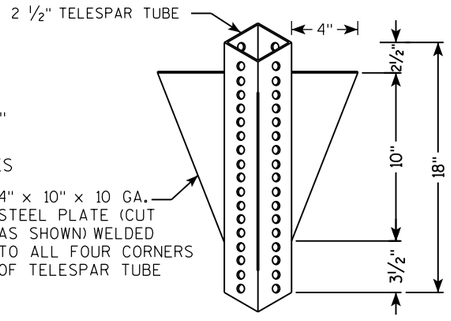
SHEET NO: 493 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

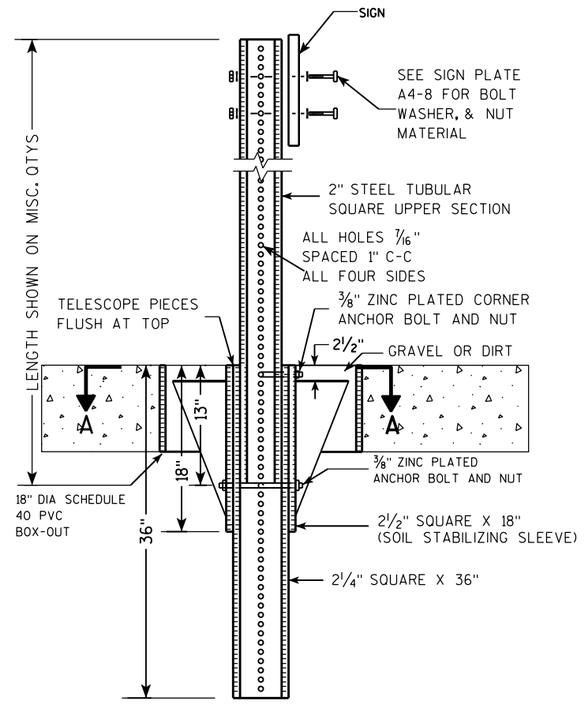
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



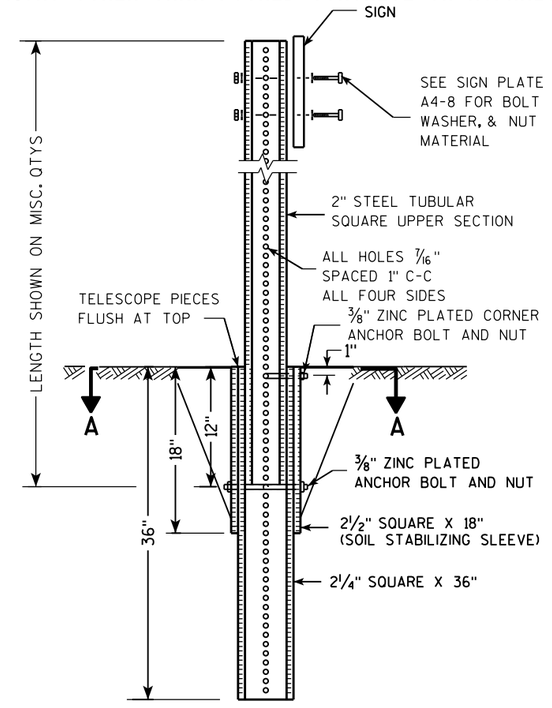
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

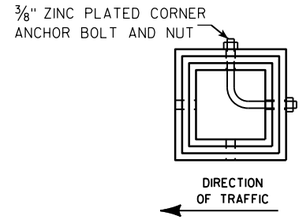


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

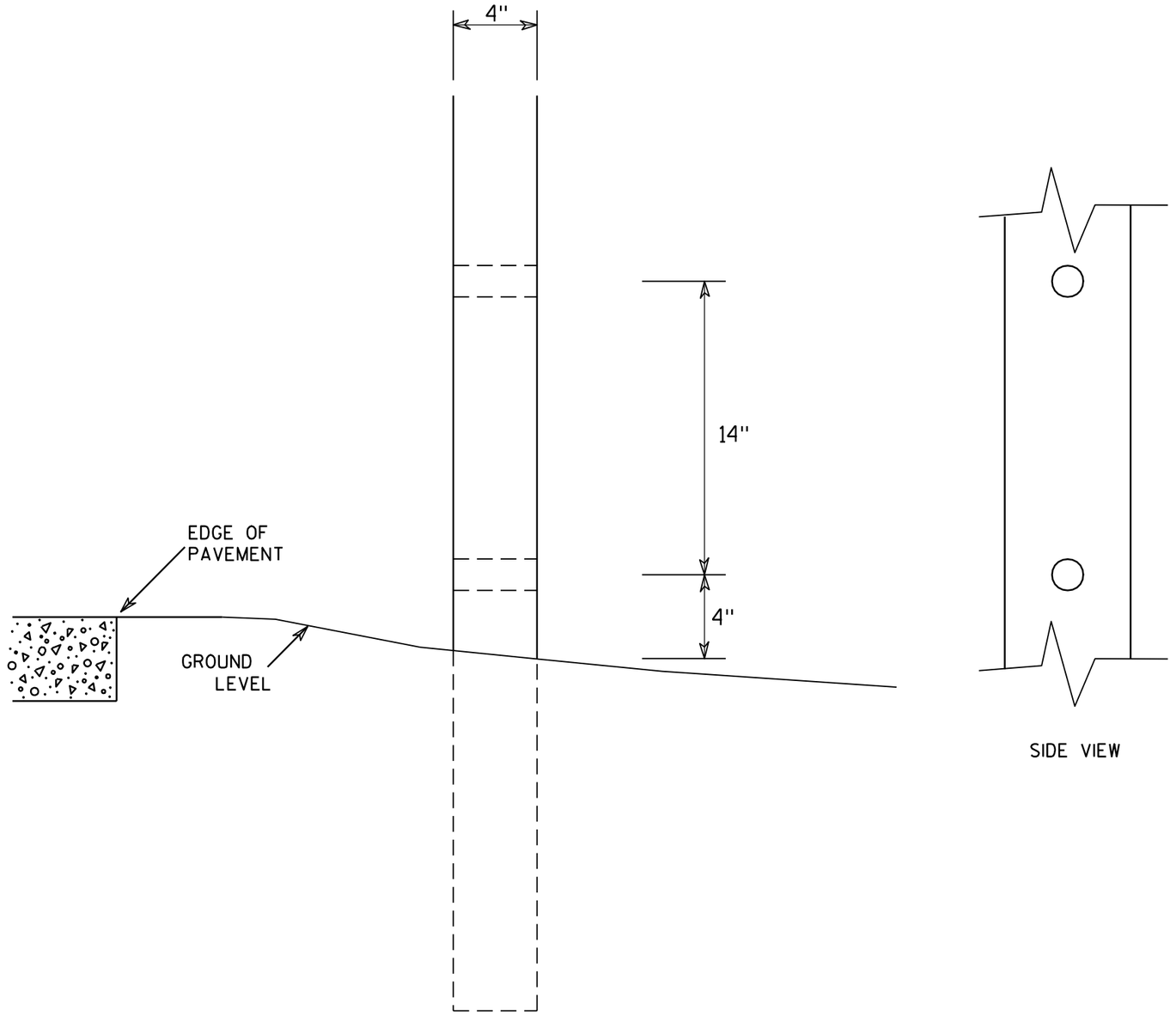
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 494 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

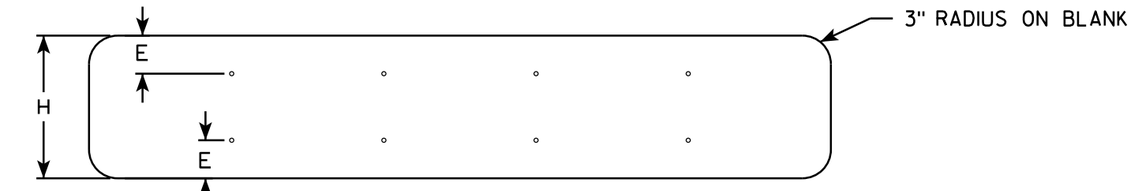
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

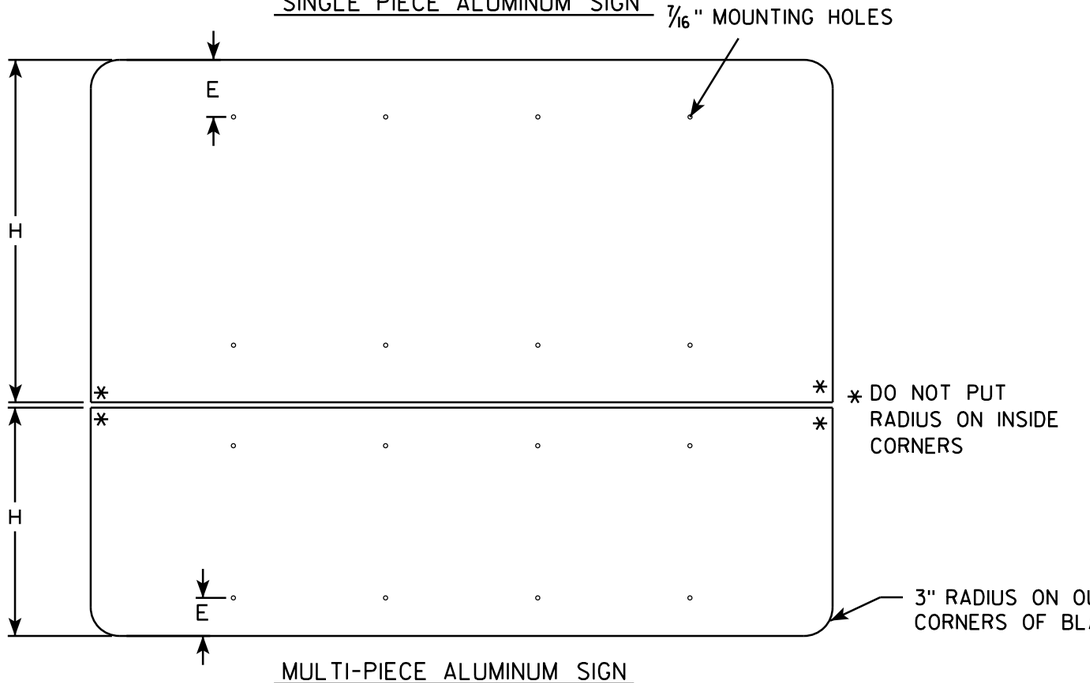
APPROVED Chester J Spang
for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 495	E



SINGLE PIECE ALUMINUM SIGN

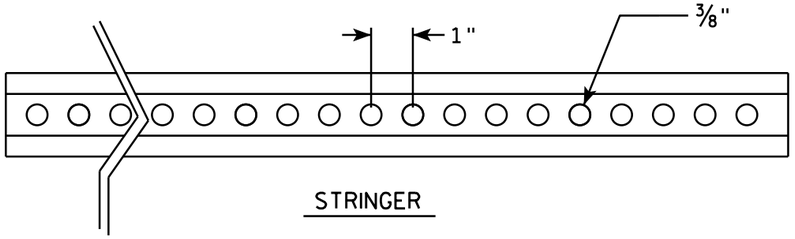


MULTI-PIECE ALUMINUM SIGN

GENERAL NOTES

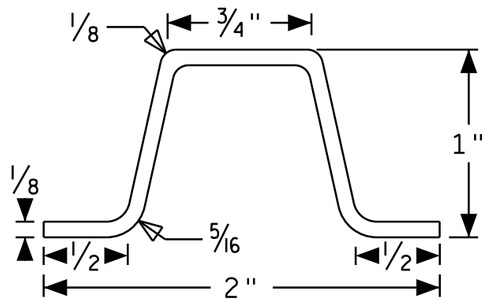
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

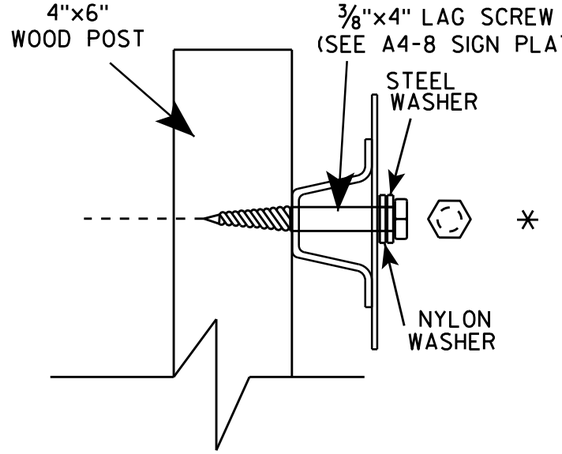


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

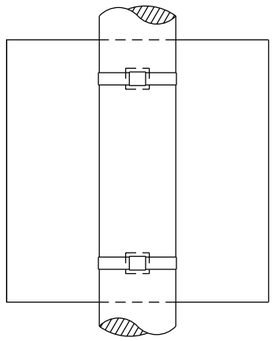
DATE 4/26/16 PLATE NO A4-18.1

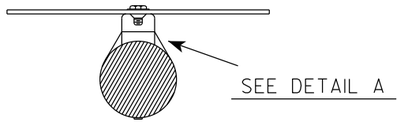
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

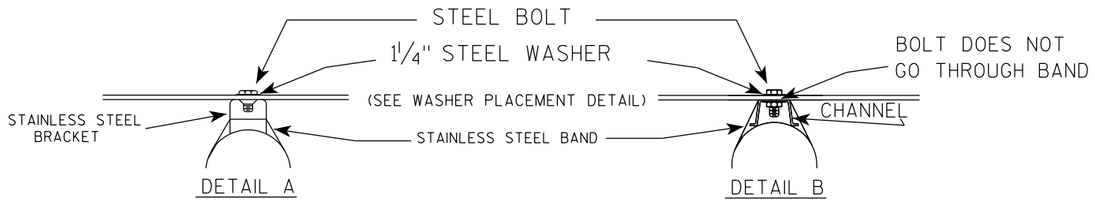
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

BANDING

SINGLE SIGN



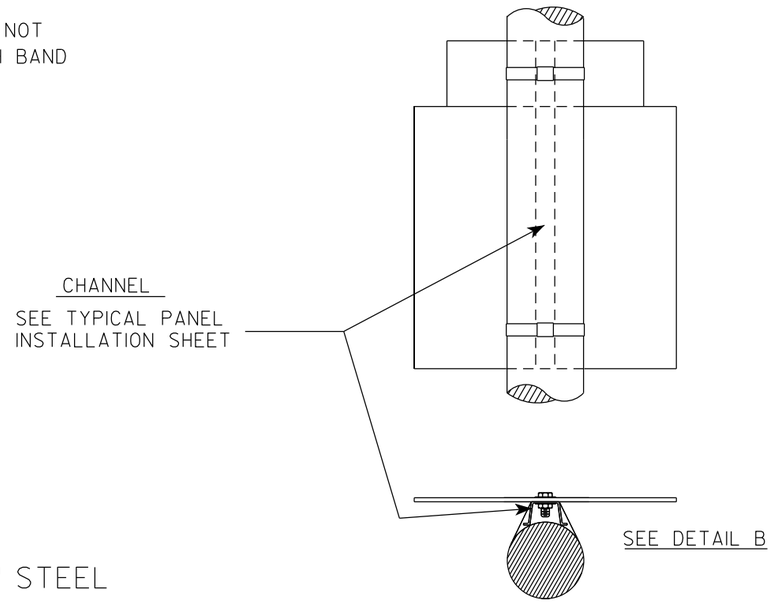




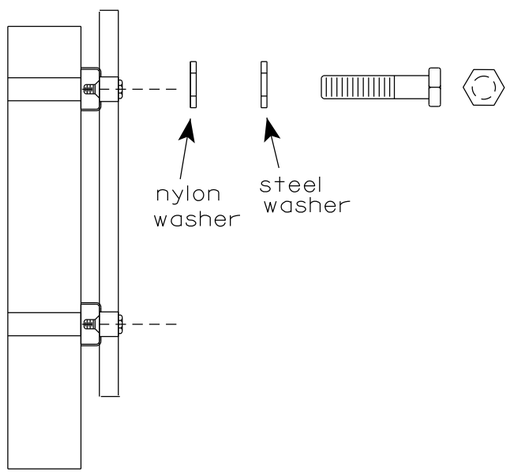
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

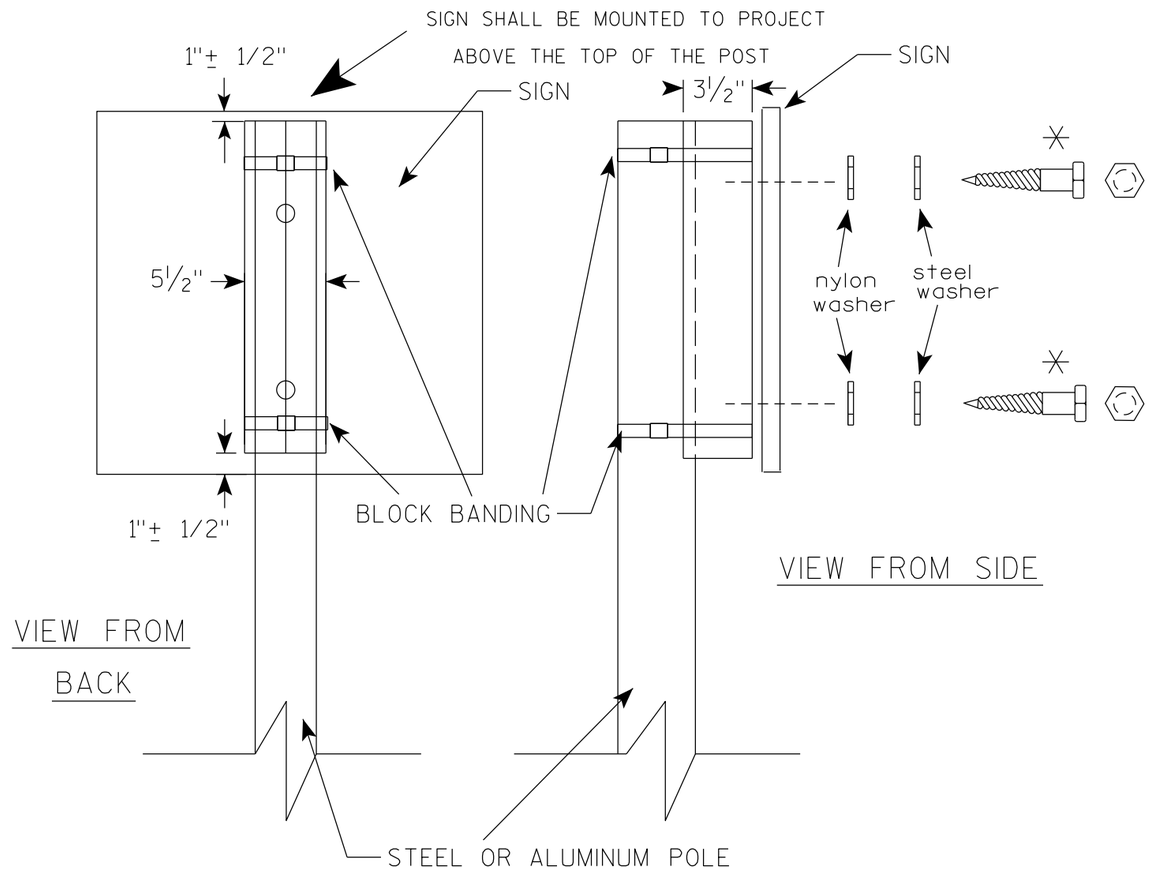
WISCONSIN DEPT OF TRANSPORTATION

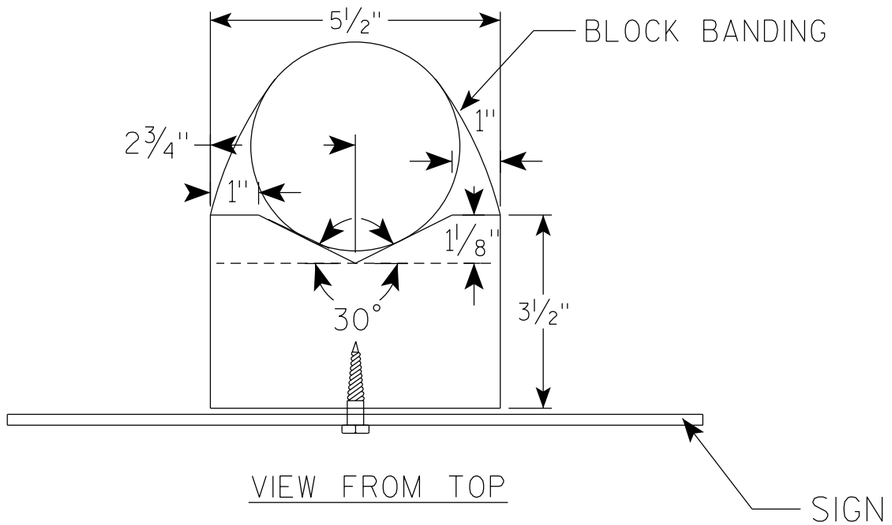
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/10/19 PLATE NO. A5-9.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 497	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

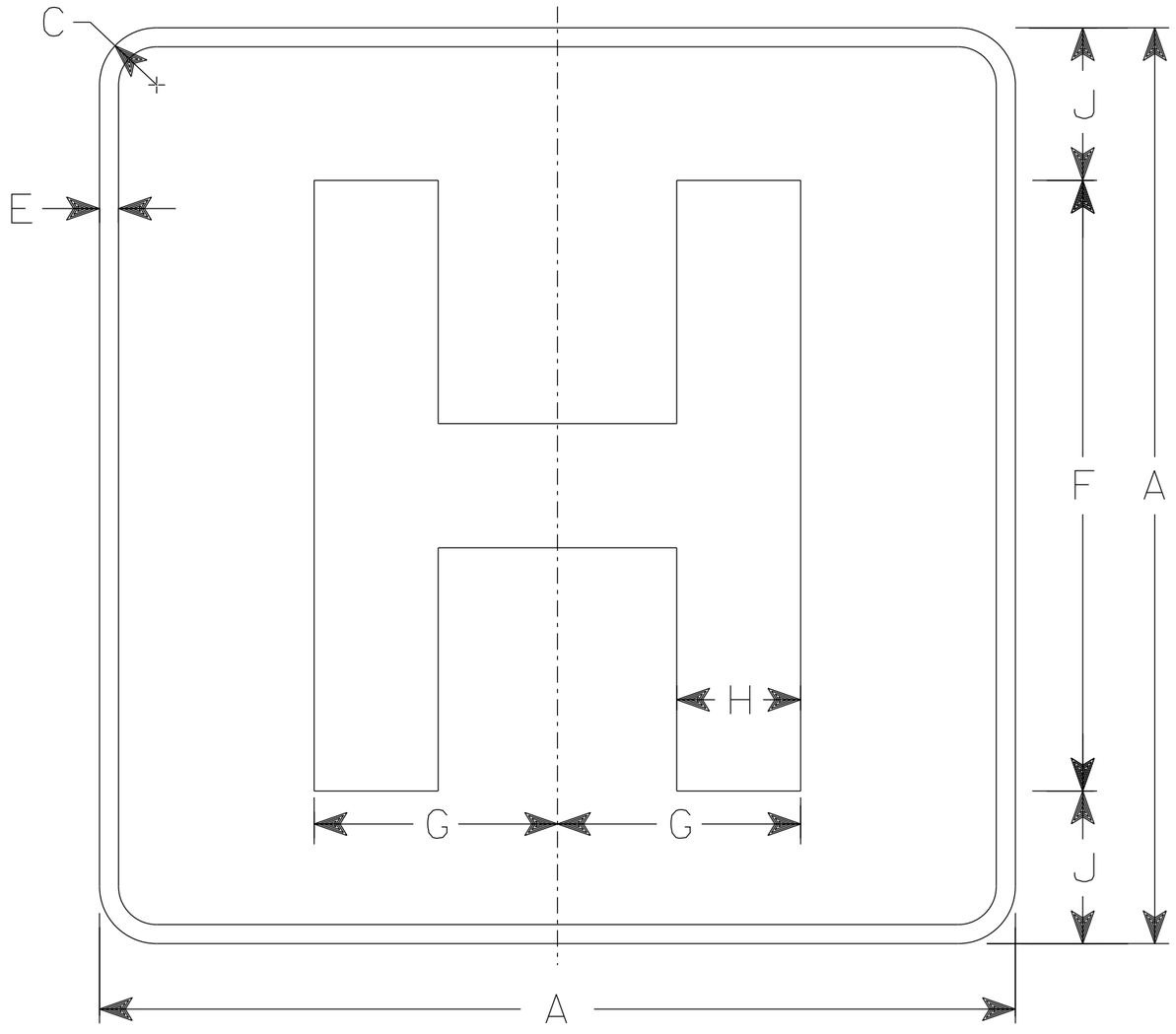
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 498 E



D9-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Blue
   Message - White
3. Message Series - E Modified
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/8		1/2	12	4 3/4	2 3/8		3																	2.25
2S	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
2M	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
3	36		2 1/4		3/4	24	9 1/2	4 7/8		6																	9.0
4																											
5																											

STANDARD SIGN
D9-2

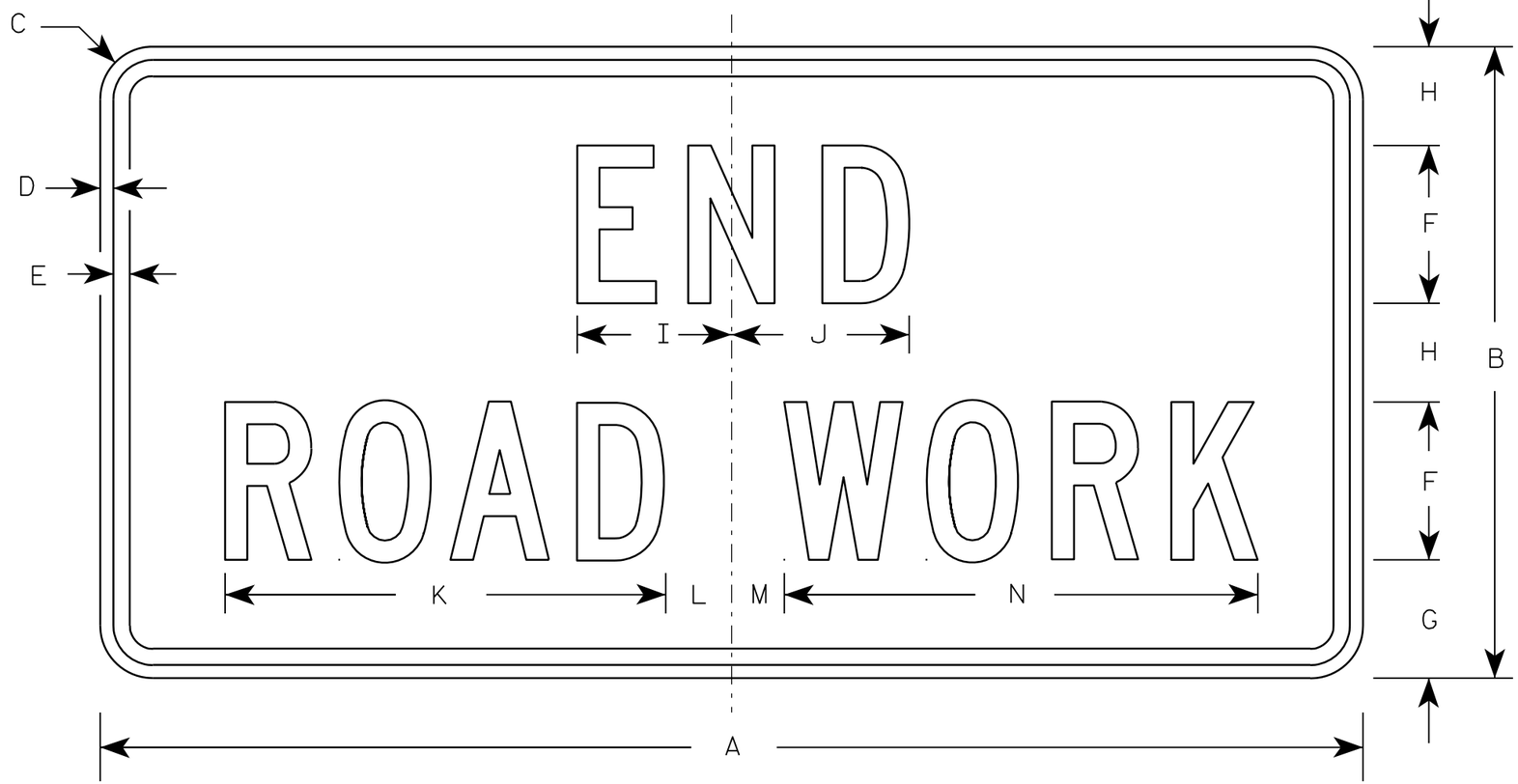
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/28/21 PLATE NO. D9-2.5

PROJECT NO:

SHEET NO: 499 E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1200 mm X 600 mm
4	1200 mm X 600 mm
5	1200 mm X 600 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72

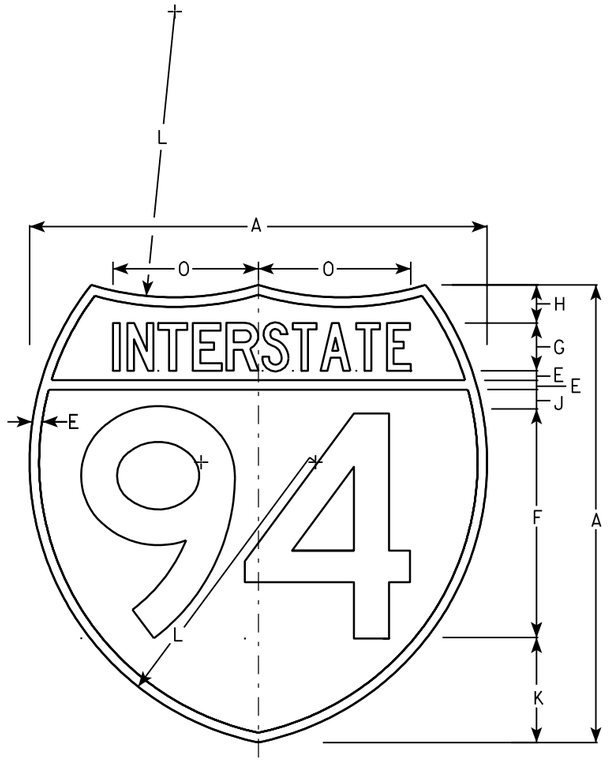
STANDARD SIGN
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

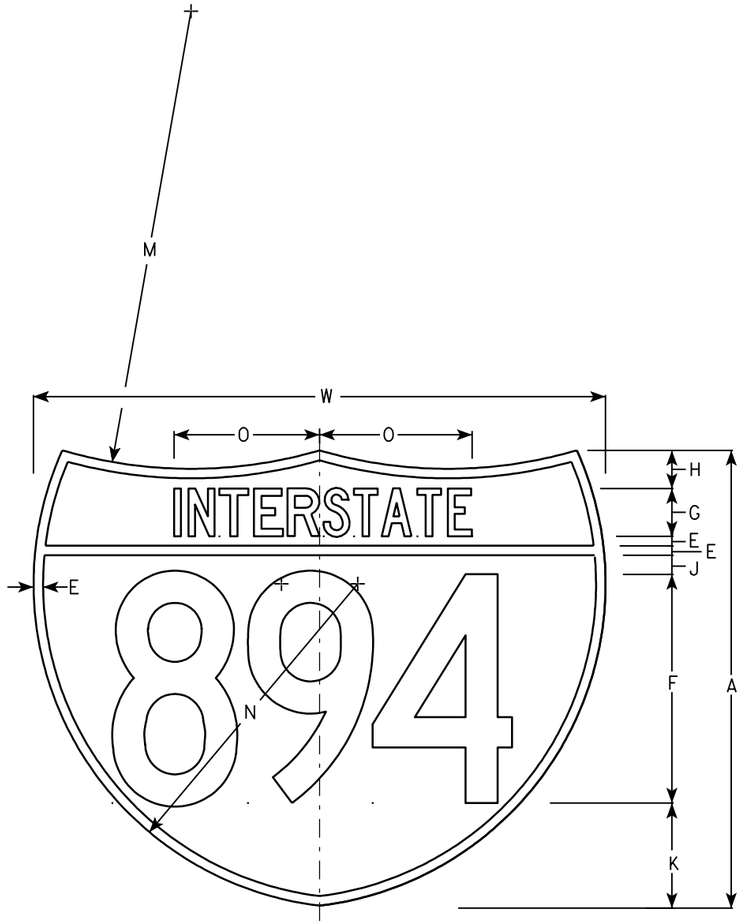
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 500	E



M1-1



M1-1A

NOTES

1. Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Top Red - Bottom Blue (See Note 6)
   Message - White - See Note 6
3. Message Series - See note 5
4. Substitute appropriate numerals & ajust spacing as per plate A10-1.
5. M1-1 - Numerals - D
   Interstate - C
   M1-1A - All copy - C
6. Permanent Signs
   Message - Type H Reflective
   Detour or other temporary signs
   Background - Reflective
   Message - Reflective

Metric equivalent for these signs are:

SIZE	M1-1	SIZE	M1-1A
1			
2	600 mm X 600 mm	2	600 mm X 750 mm
3	900 mm X 900 mm	3	900 mm X 1125 mm
4	900 mm X 900 mm	4	900 mm X 1125 mm
5	900 mm X 900 mm	5	900 mm X 1125 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	M1-1 Area sq. ft.	M1-1A Area sq. ft.	M1-1 Area m2	M1-1A Area m2
1																													
2	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91	.36	.46
3	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79	.81	1.05
4	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79	.81	1.05
5	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79	.81	1.05

INTERSTATE ROUTE MARKER
M1-1 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

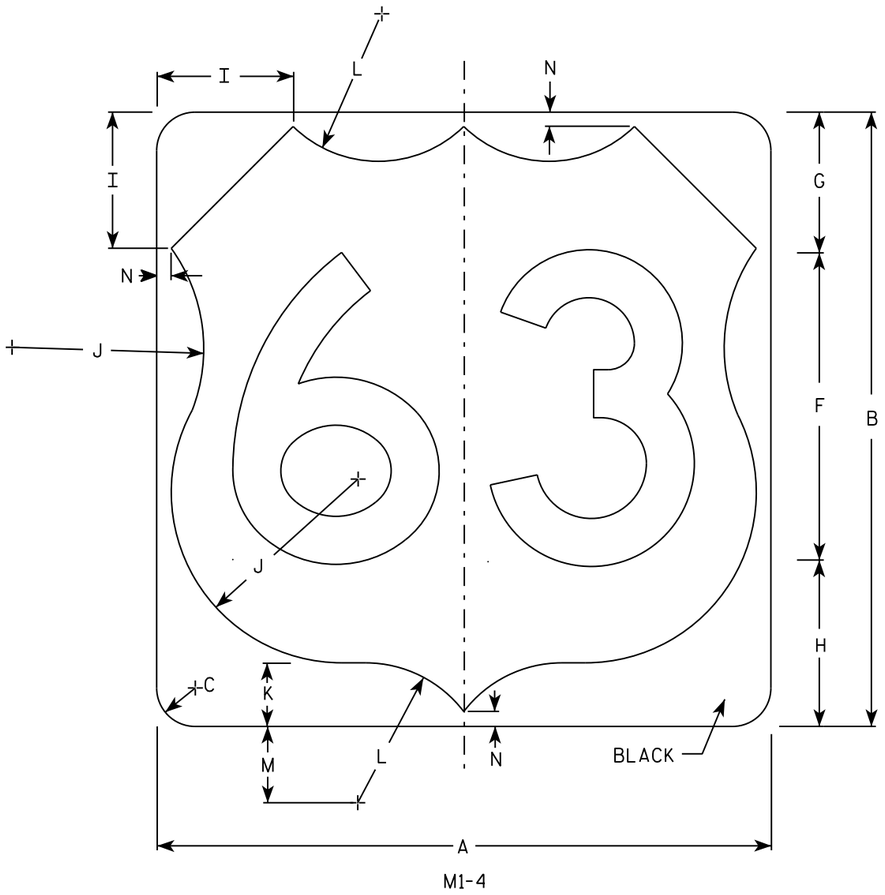
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 08/23/05 PLATE NO. M1-1.8

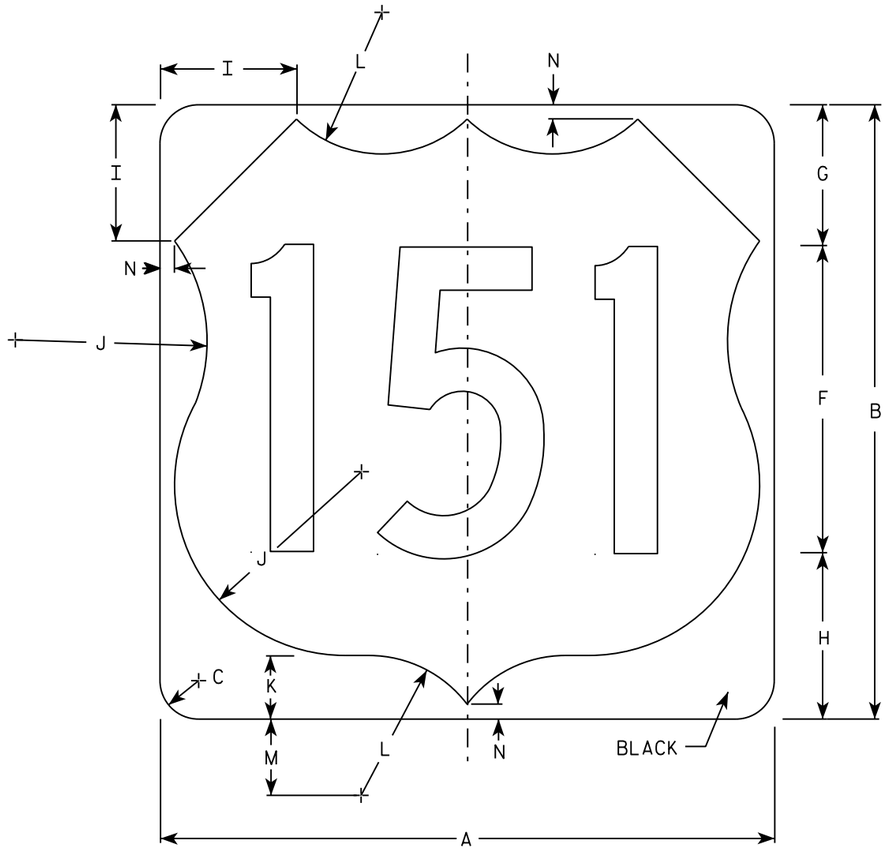
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 501	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



M1-4



M1-4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area Sq. ft.
1																											
2	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0
3	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0
4	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0
5	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0

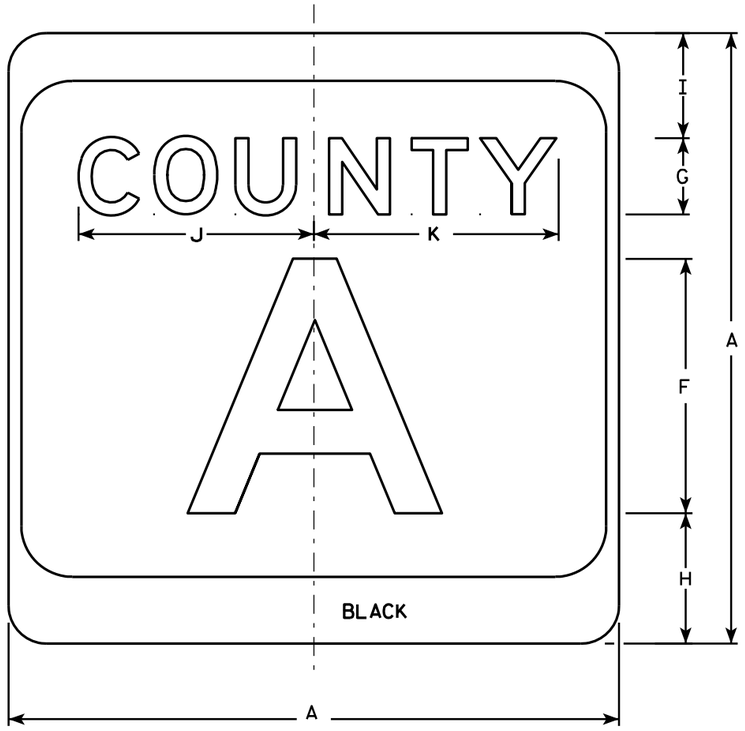
USH MARKER
M1-4 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

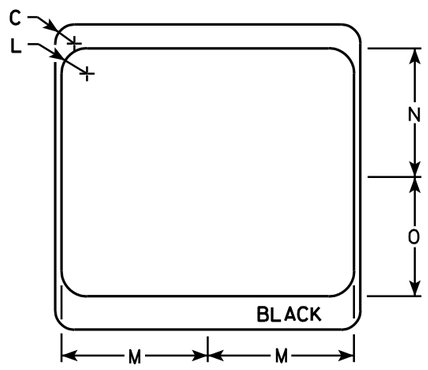
APPROVED Matthew R Rauch
for State Traffic Engineer

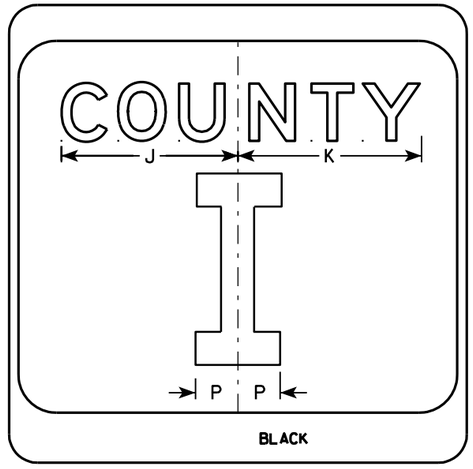
DATE 3/16/18 PLATE NO. M1-4.10

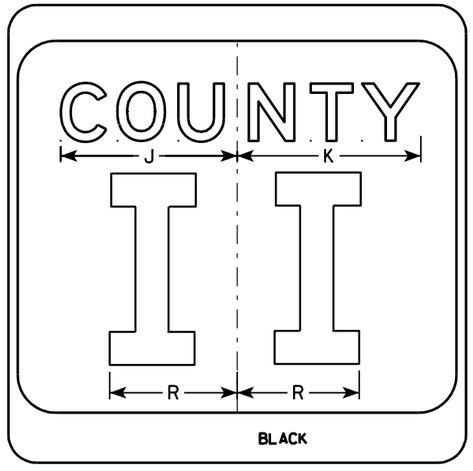
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 502	E



M1-5A







NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

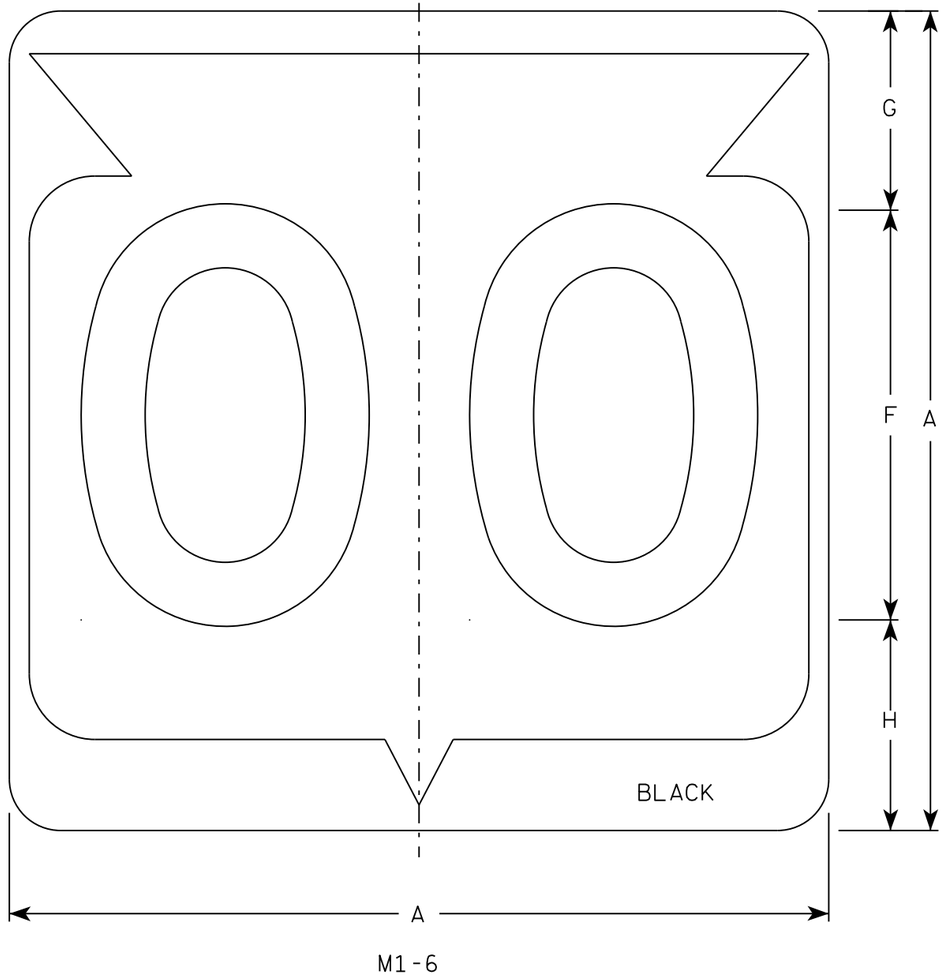
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

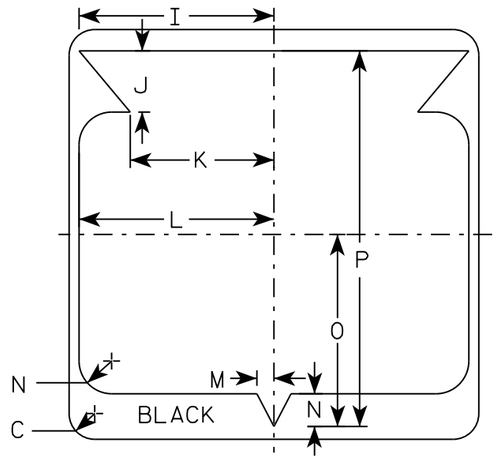
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 503	E



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

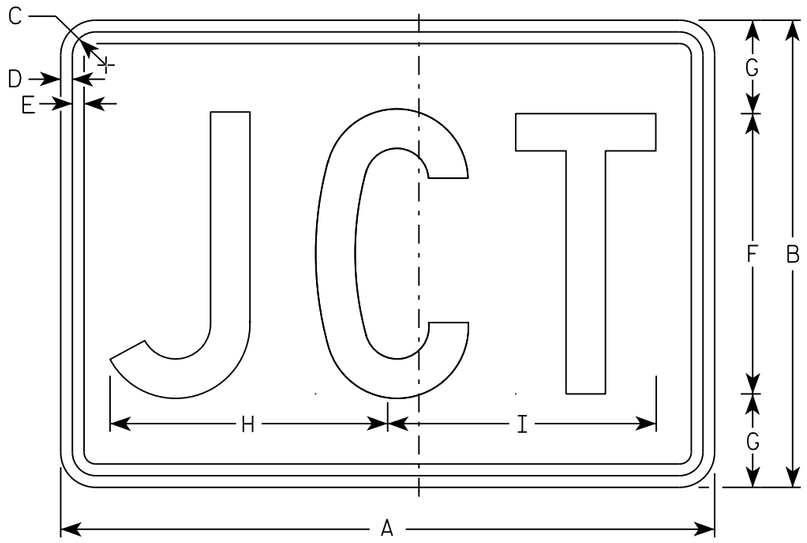
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

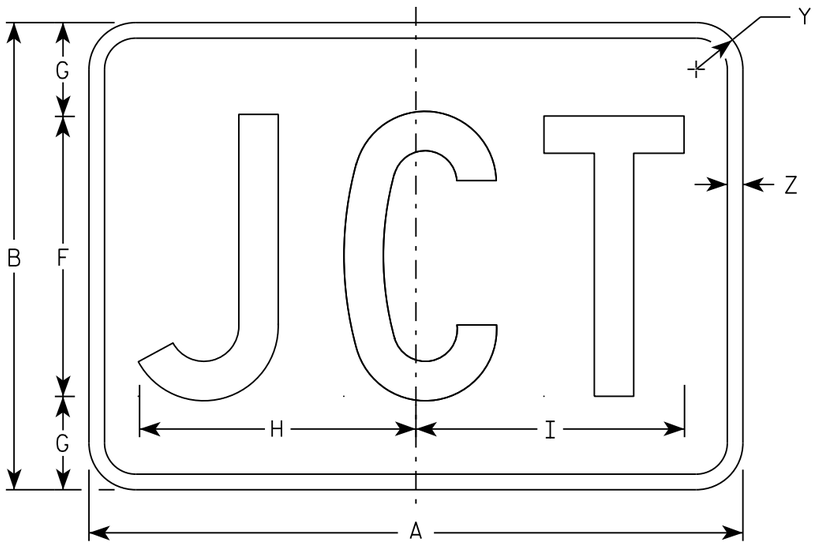
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/18 PLATE NO. M1-6.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 504 E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40

STANDARD SIGN
M2-1

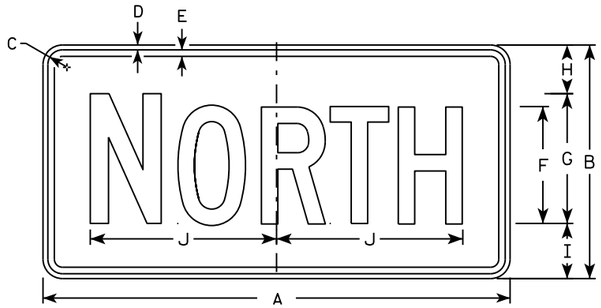
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

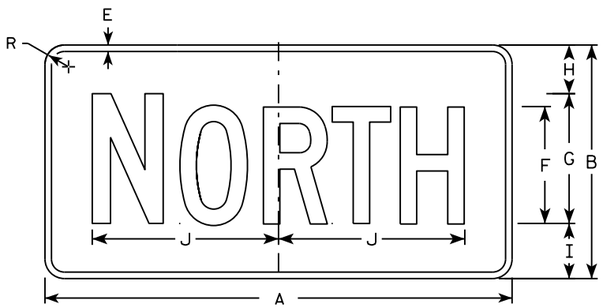
DATE 10/15/15 PLATE 505 12-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M21.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 4.864603:1.000000



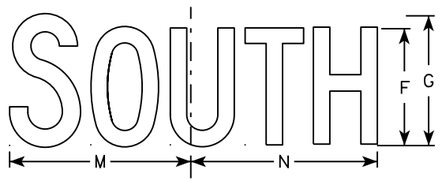
M3-1
MM3-1
MP3-1



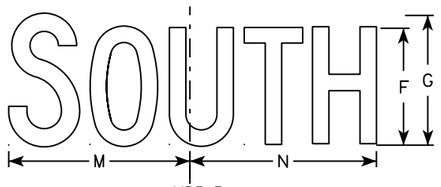
MB3-1
MK3-1
MN3-1

M3-2
MM3-2
MP3-2

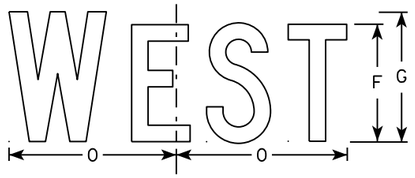
MB3-2
MK3-2
MN3-2



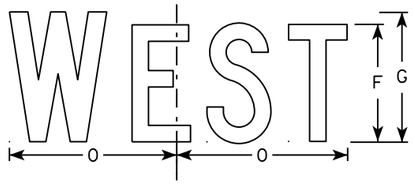
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

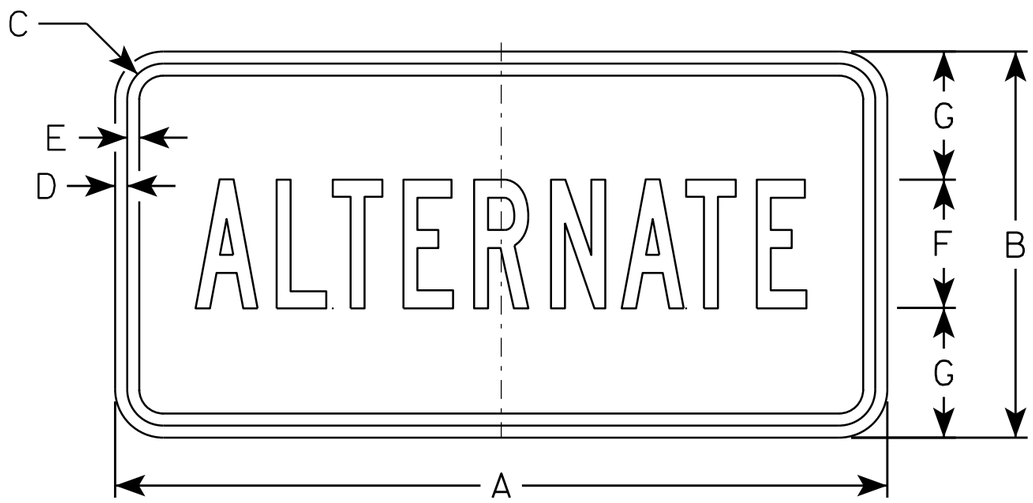
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew P Rauch for State Traffic Engineer

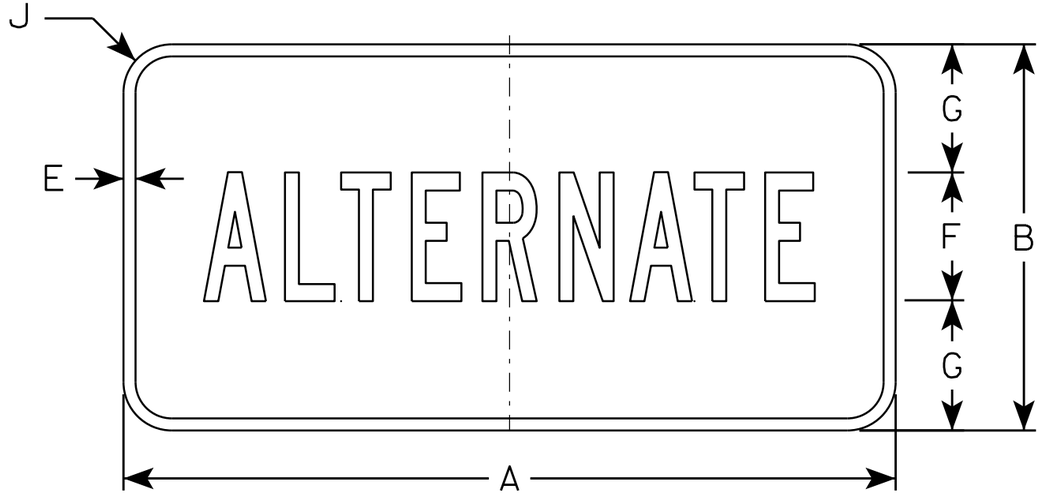
DATE 10/15/15 PLATE NO M3-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



M4-1
M04-1



MB4-1

NOTES

1. Sign is Type II - Type H except as Shown
2. Color:
   Background - See Note 5
   Message - See note 5
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-1 Background - White
   Message - Black

   MB4-1 Background - Blue
   Message - White

   M04-1 Background - Orange - Type F
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	4	4	9 3/4	9 1/2	1 1/2																	2.00
3	36	18	1 1/8	3/8	1/2	7	5 1/2	16 3/8	16 1/2	1 1/2																	4.5
4	36	18	1 1/8	3/8	1/2	7	5 1/2	16 3/8	16 1/2	1 1/2																	4.5
5	36	18	1 1/8	3/8	1/2	7	5 1/2	16 3/8	16 1/2	1 1/2																	4.5

STANDARD SIGN
M4-1

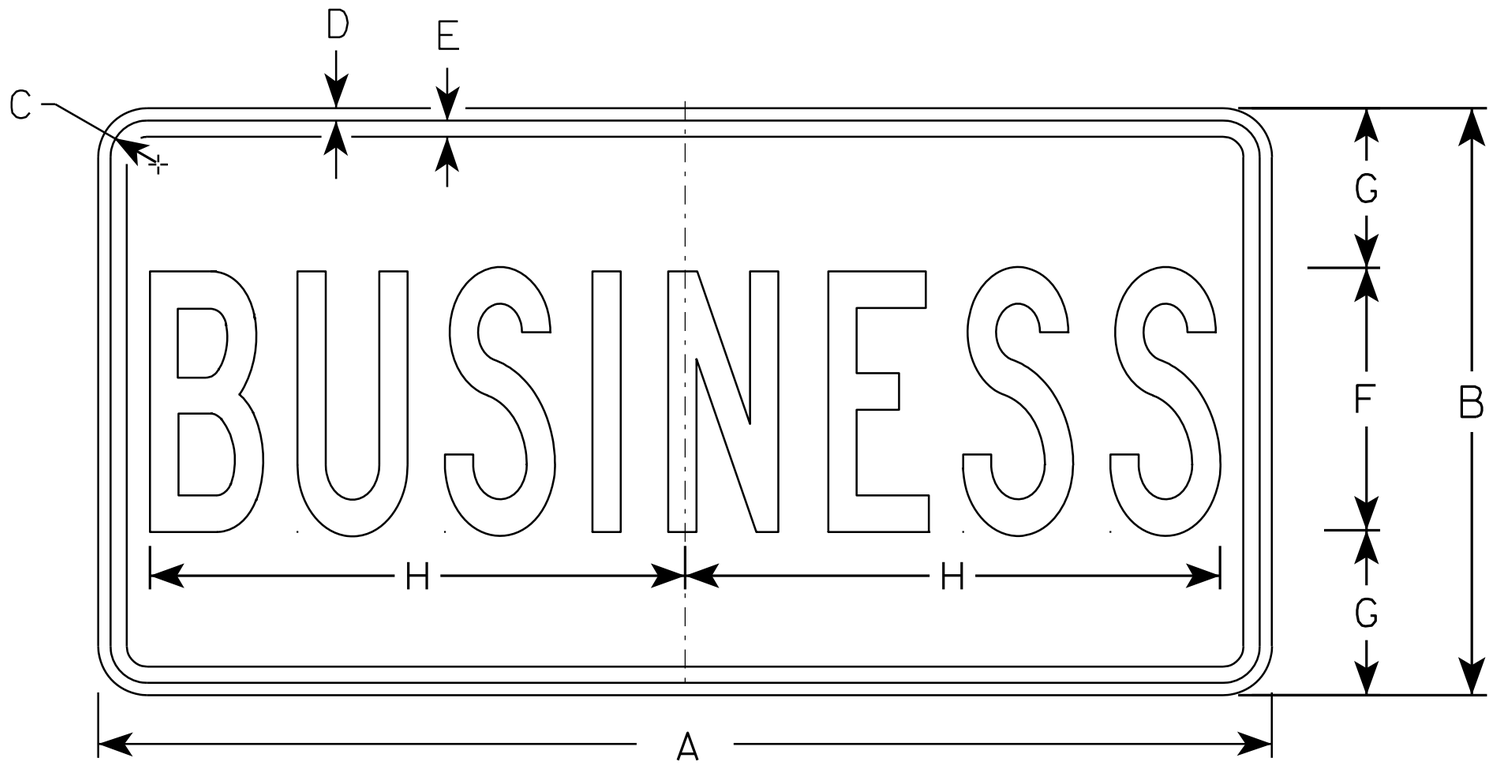
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/30/14 PLATE 14-1.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\M41.DGN PLOT DATE : 30-JUN-2014 15:38 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 4.708937:1.000000 WISDOT/CADDS SHEET 42



M4-3

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White - See Note 5
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Permanent Signs
   Background - Type H Reflective
   Detour or other temporary Signs
   Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	5	3 1/2	9 5/8																			2.0
3	36	18	1 1/8	3/8	1/2	8	5	16 3/8																			4.5
4																											
5																											

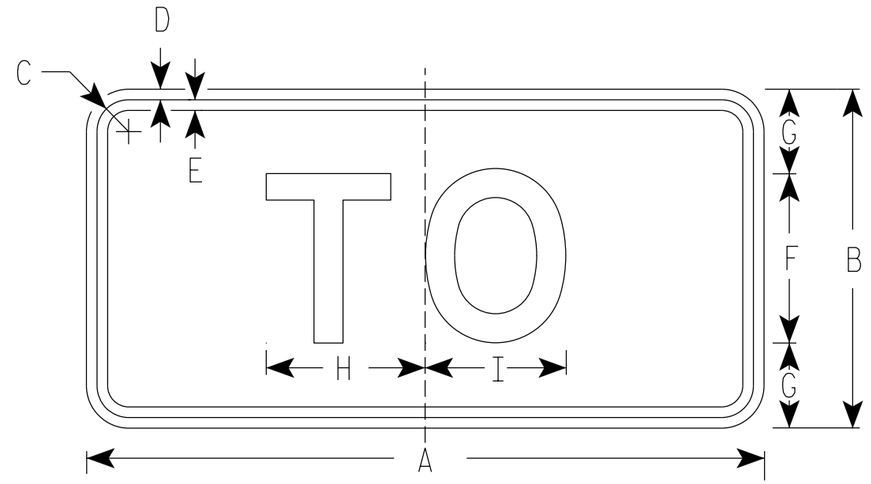
STANDARD SIGN
M4-3

WISCONSIN DEPT OF TRANSPORTATION

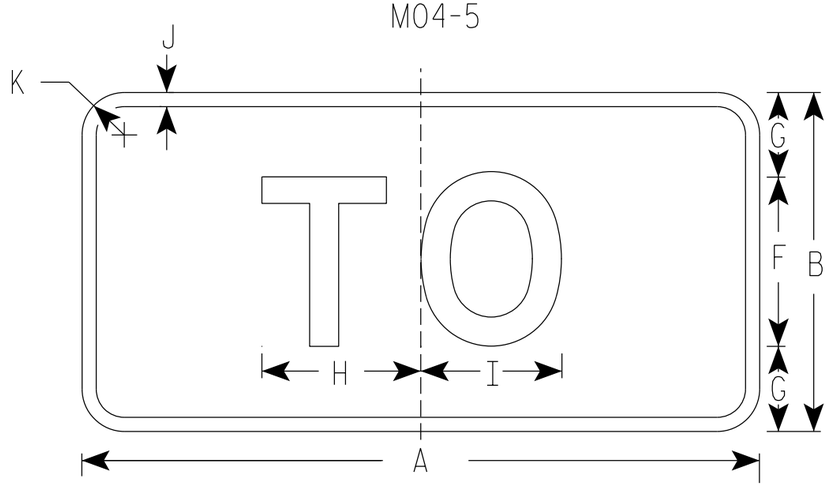
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-3.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 508 | E



M4-5
MM4-5
MP4-5
M04-5



MB4-5
MK4-5
MN4-5

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-5 Background - White
   Message - Black

   MB4-5 Background - Blue
   Message - White

   MK4-5 Background - Green
   Message - White

   MM4-5 Background - White
   Message - Green

   MN4-5 Background - Brown
   Message - White

   MP4-5 Background - White
   Message - Blue

   M04-5 Background - Orange Type F Reflective
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	5 3/8	5 1/4	1/2	1 1/2																2.00
3	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
4	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
5	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5

STANDARD SIGN
M4-5

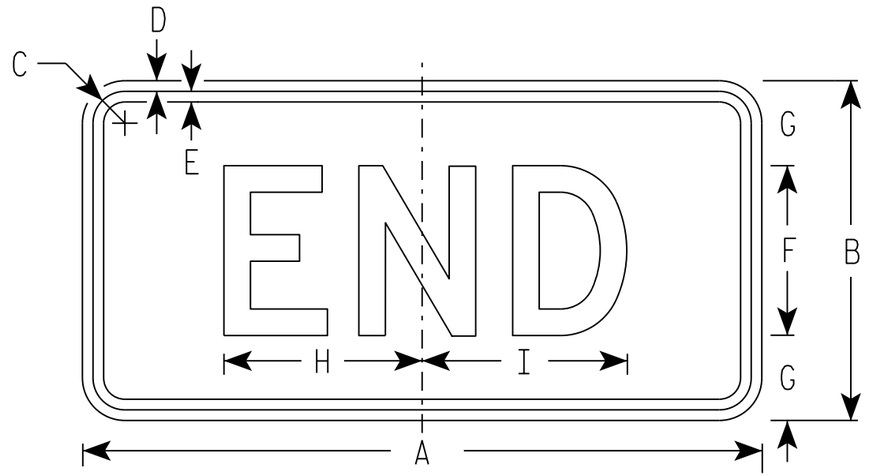
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

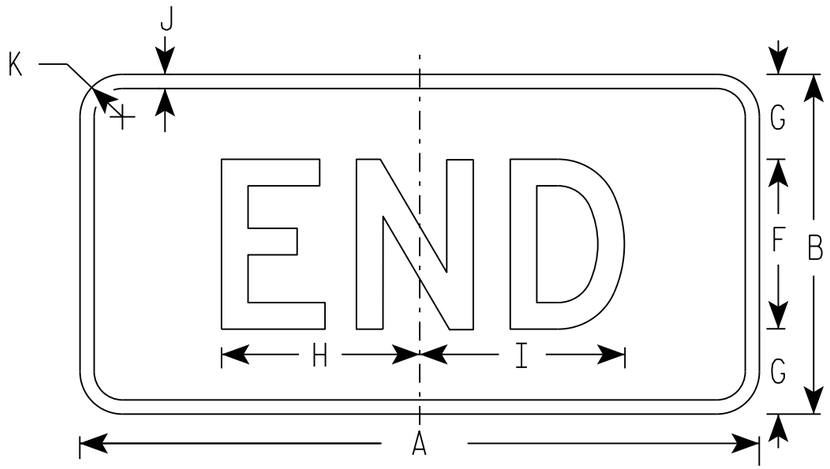
DATE 03/7/19 PLATE NO. M4-5.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 509 | E

7



M4-6
MM4-6
MP4-6



MB4-6
MK4-6
MN4-6
MR4-6

NOTES

1. Sign is Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-6 Background - White
   Message - Black

   MB4-6 Background - Blue
   Message - White

   MK4-6 Background - Green
   Message - White

   MM4-6 Background - White
   Message - Green

   MN4-6 Background - Brown
   Message - White

   MP4-6 Background - White
   Message - Blue

   MR4-6 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	7	7 1/4	1/2	1 1/2																2.00
3	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5
4	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5
5	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5

STANDARD SIGN
M4-6

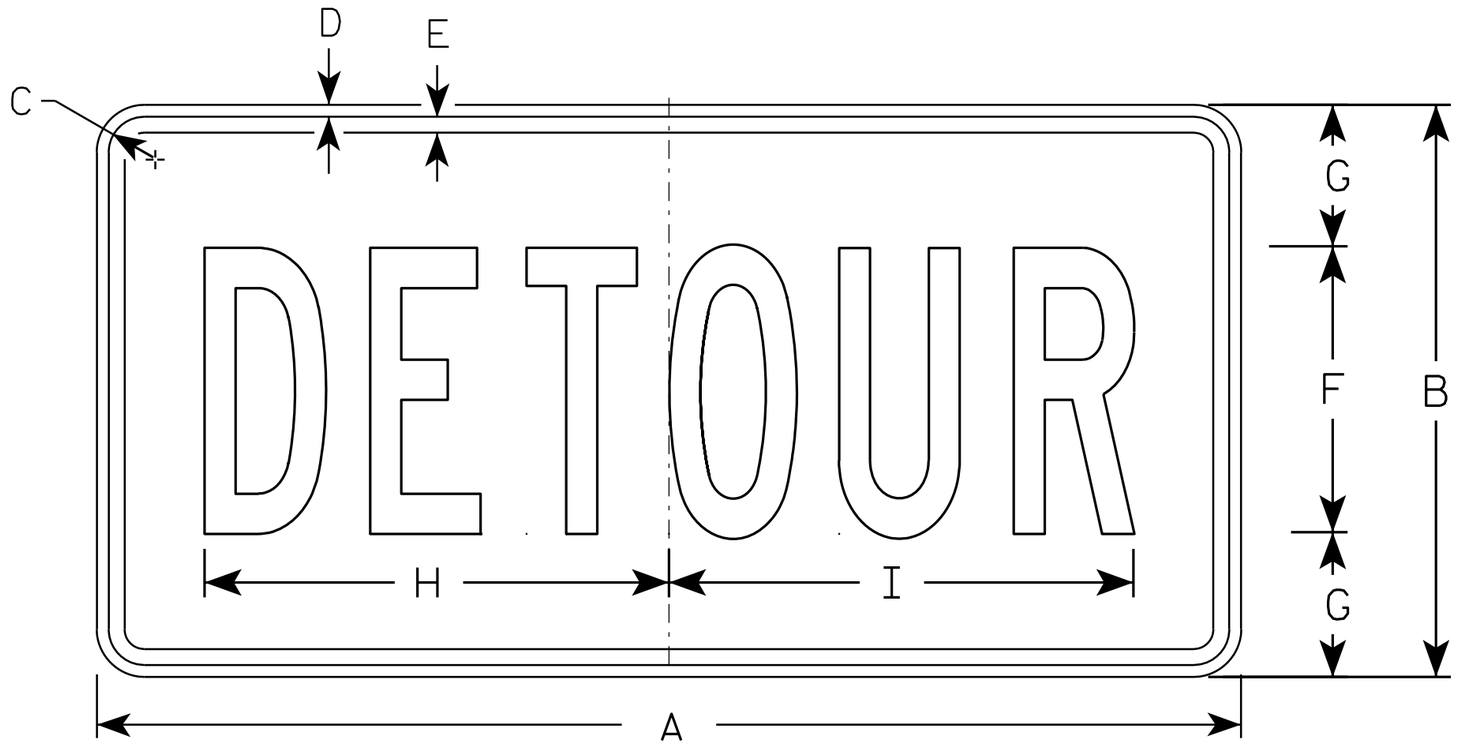
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 510 '14-7.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M46.DGN PLOT DATE : 01-DEC-2015 17:55 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 5.351066:1.000000



M4-8

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/8	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4																											
5																											

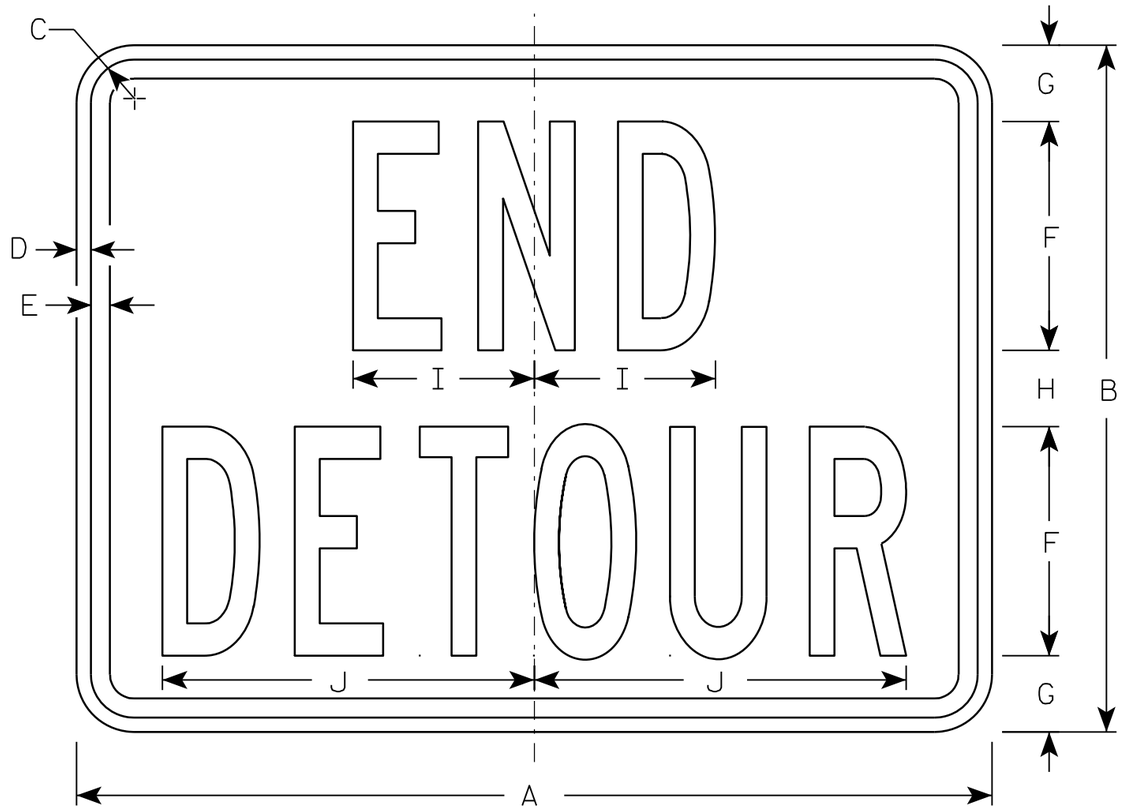
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-8.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 511	E



M4-8A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 1/8	3/8	1/2	6	2	2	4 3/4	9 3/4																	3.0
3	30	24	1 1/8	3/8	1/2	8	2 1/2	3	6 3/4	13																	5.0
4																											
5																											

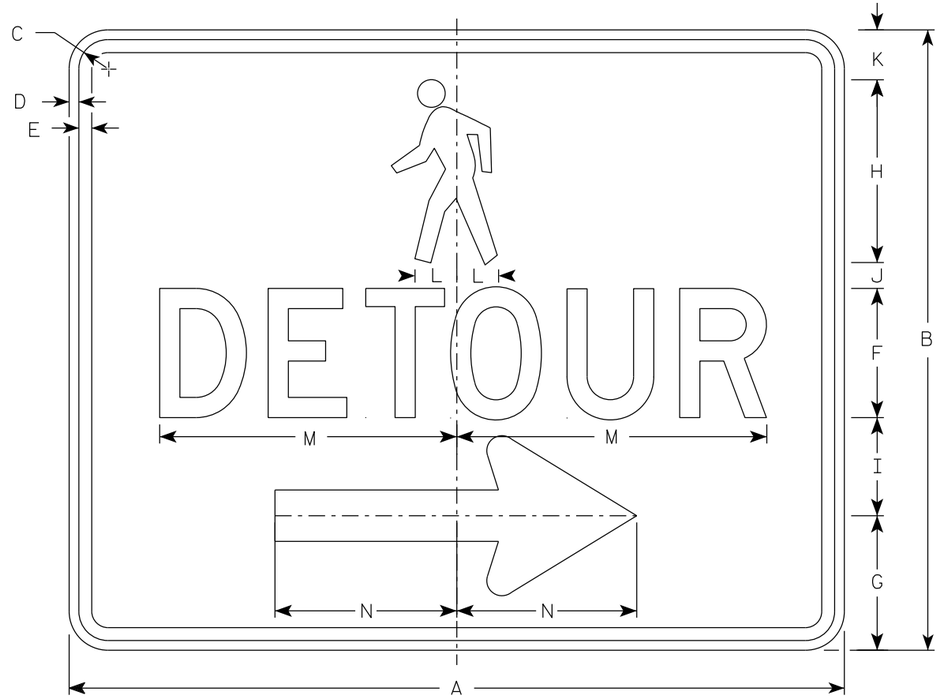
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-8A.2

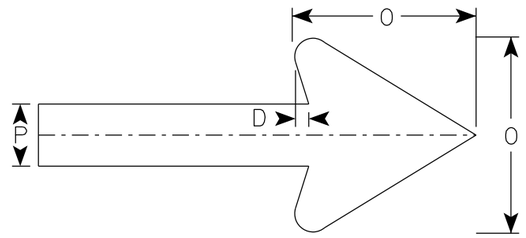
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 512	E



M4-9BR

NOTES

1. Sign is Type II-Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-9BL is the same as M4-9BR except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	24	1 1/8	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.00
3																											
4																											
5																											

STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

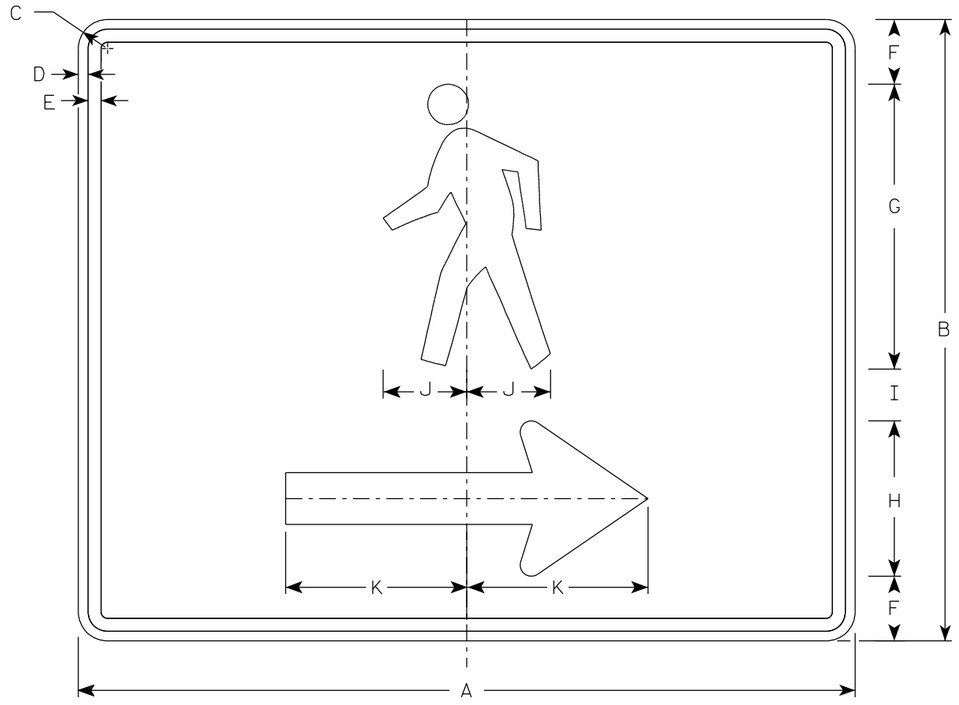
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 7/1/19 PLATE NO. M4-9B.2

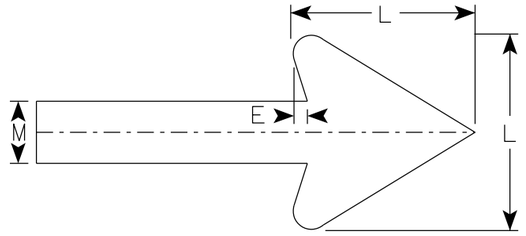
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 513 | E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-60L is the same as M4-60R except the arrow is reversed.



M4-60R



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	24	1 1/8	3/8	1/2	2 1/2	11	6	2	3 1/4	7	6	2														5.00
3																											
4																											
5																											

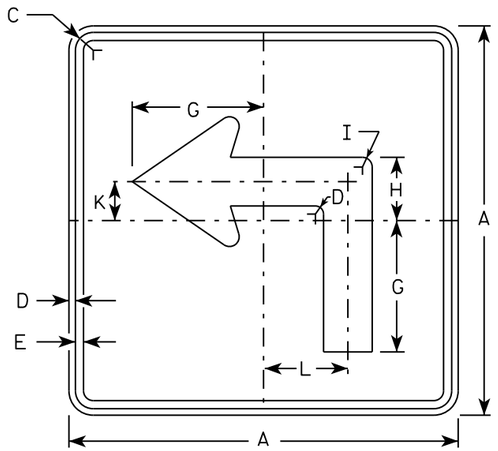
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

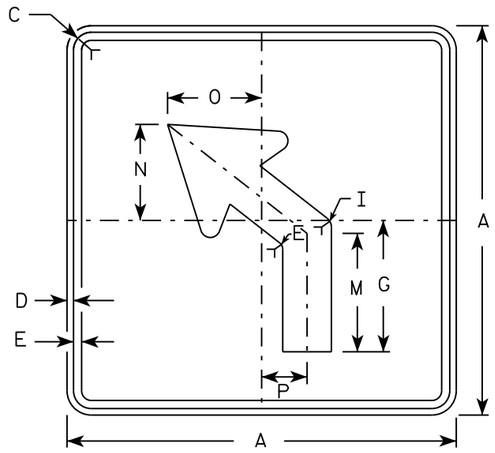
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/16/2021 PLATE NO. M4-60.1

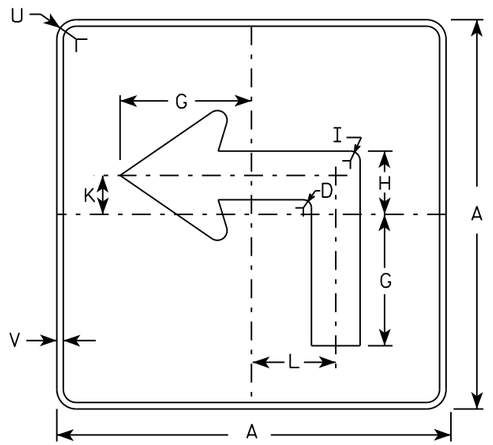
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 514 | E



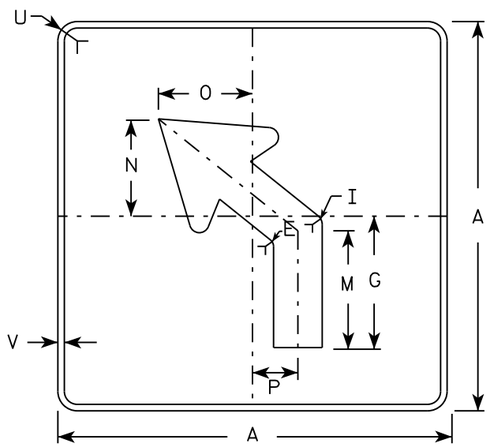
M5-1L
MM5-1L
MO5-1L
MP5-1L



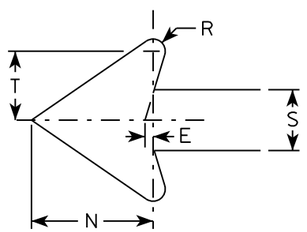
M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

STANDARD SIGN
M5-1 & M5-2

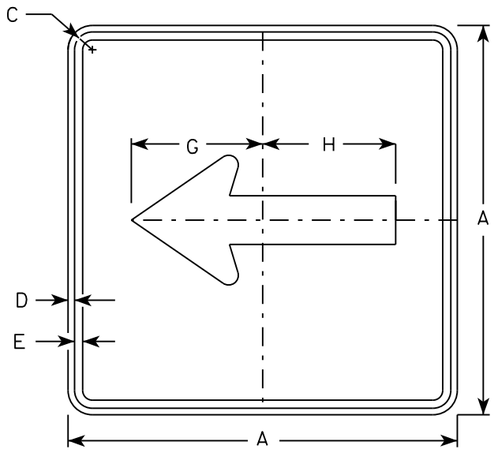
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

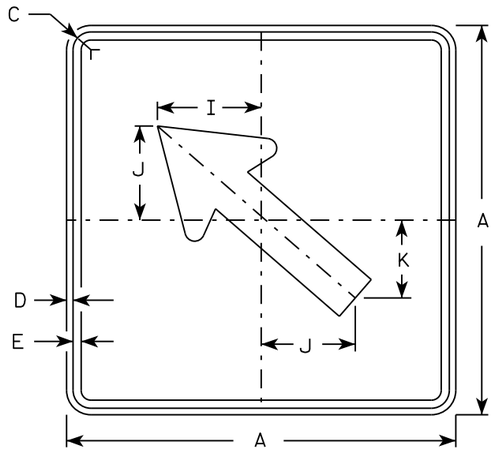
DATE 10/15/15 PLATE NO. M5-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M51.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



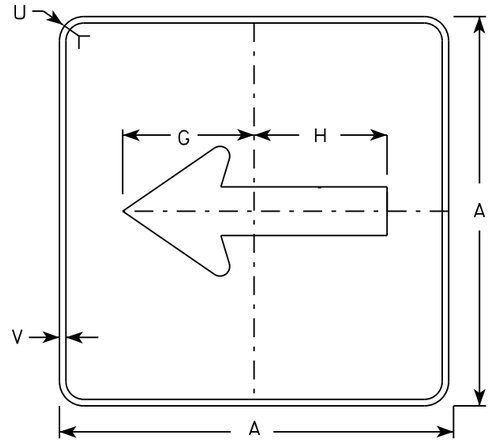
M6-1
MM6-1
MO6-1
MP6-1



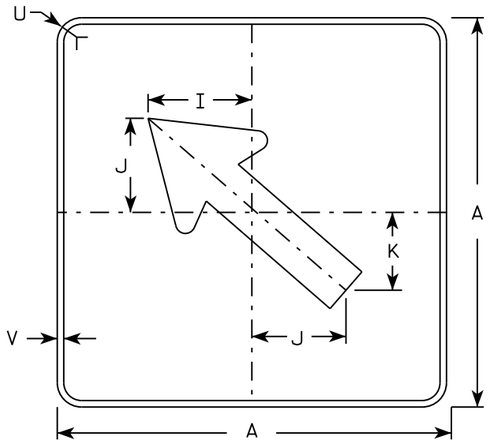
M6-2
MM6-2
MO6-2
MP6-2

NOTES

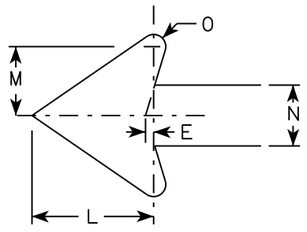
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

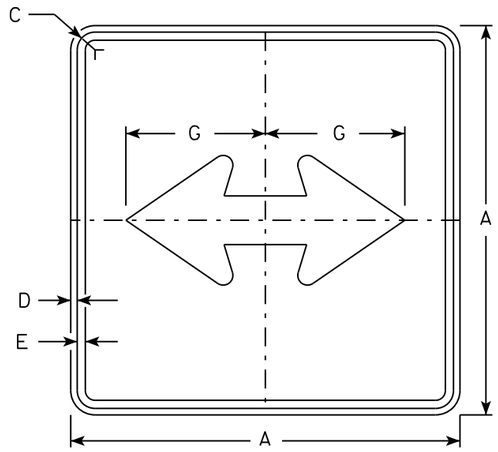
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

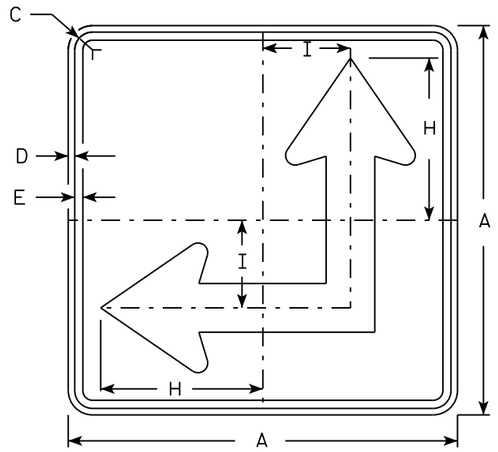
DATE 10/15/15 PLATE 516 M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



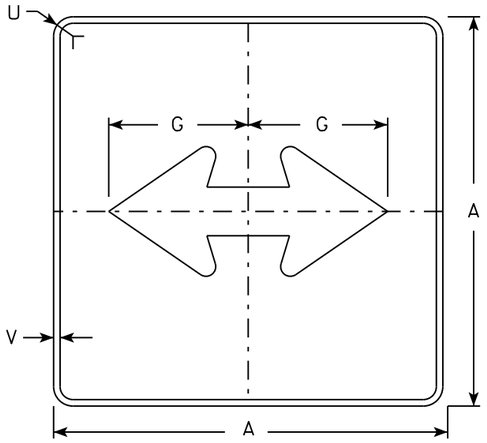
M6-4
MM6-4
MO6-4
MP6-4



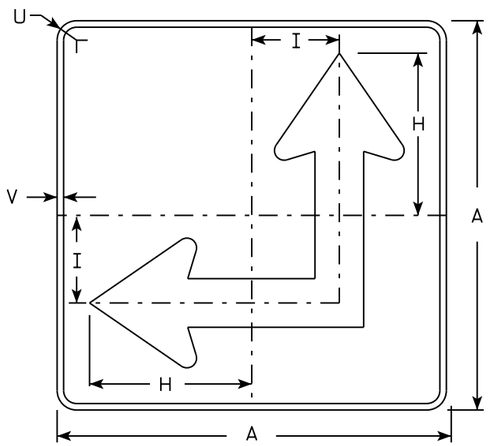
M6-6
MM6-6
MO6-6
MP6-6

NOTES

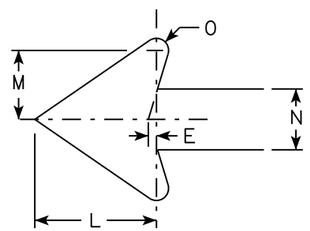
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.



MB6-4
MK6-4
MN6-4
MR6-4



MB6-6
MK6-6
MN6-6
MR6-6



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25

STANDARD SIGN
M6-4 & M6-6
SERIES

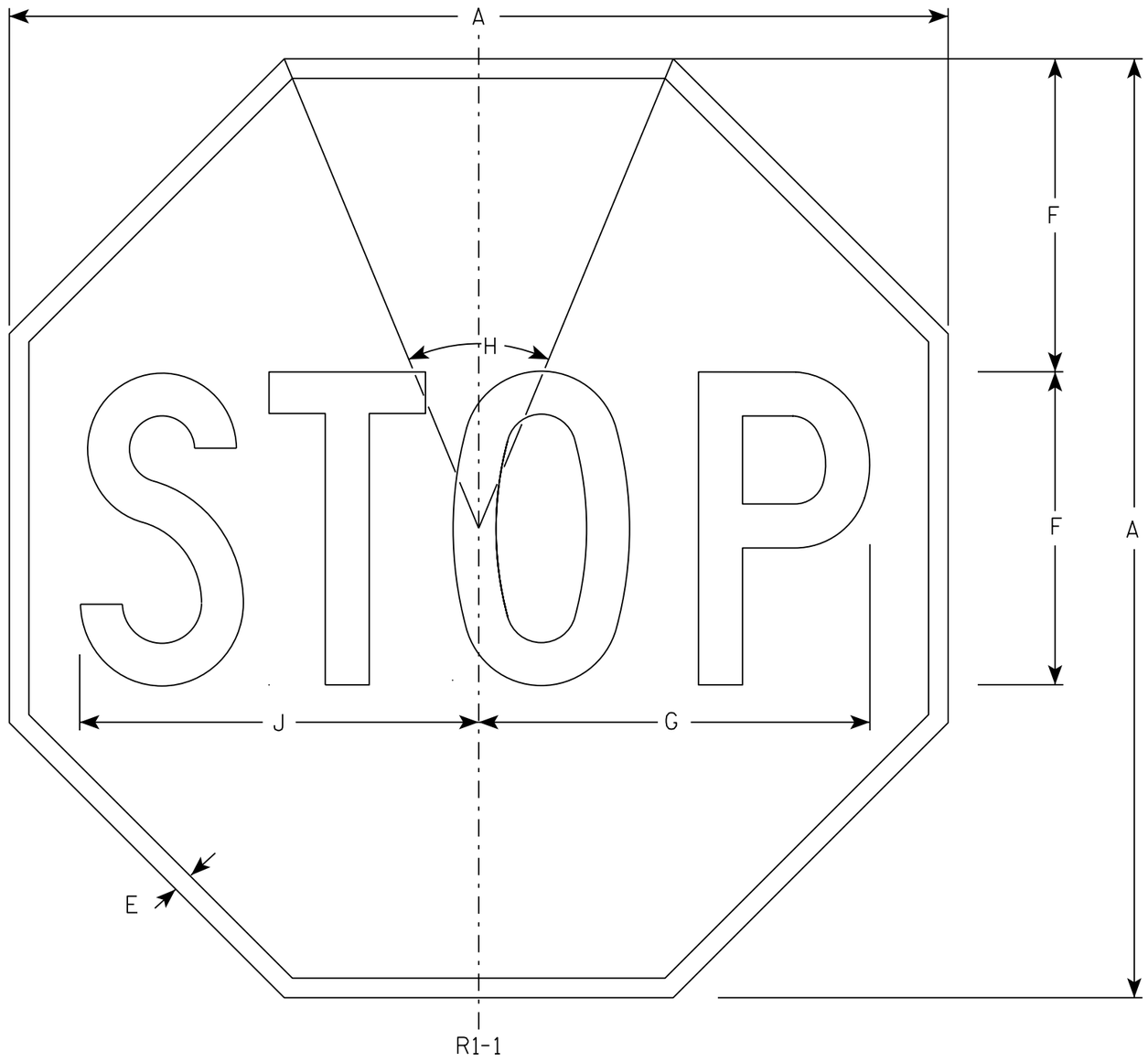
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 517 M6-4.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M64.DGN PLOT DATE : 01-DEC-2015 17:58 PLOT BY : $$ platuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

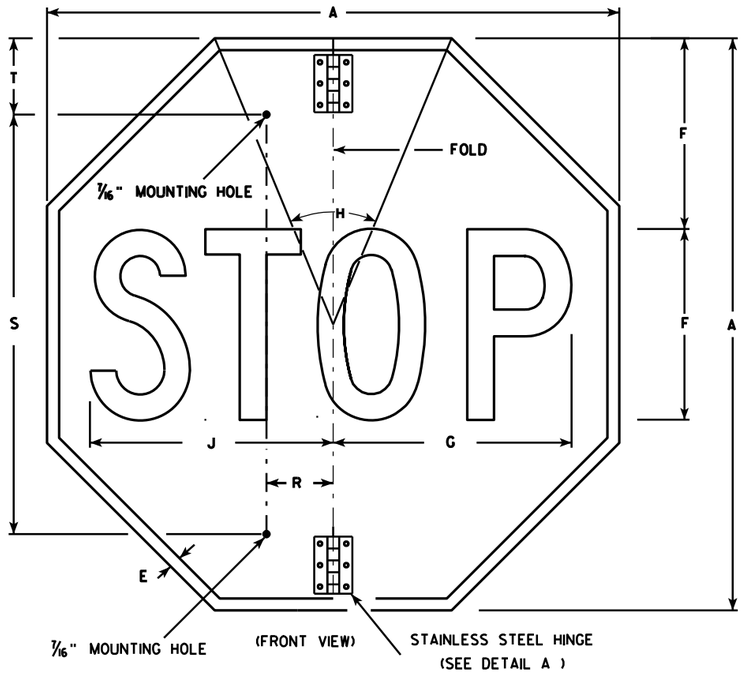
STANDARD SIGN
R1-1

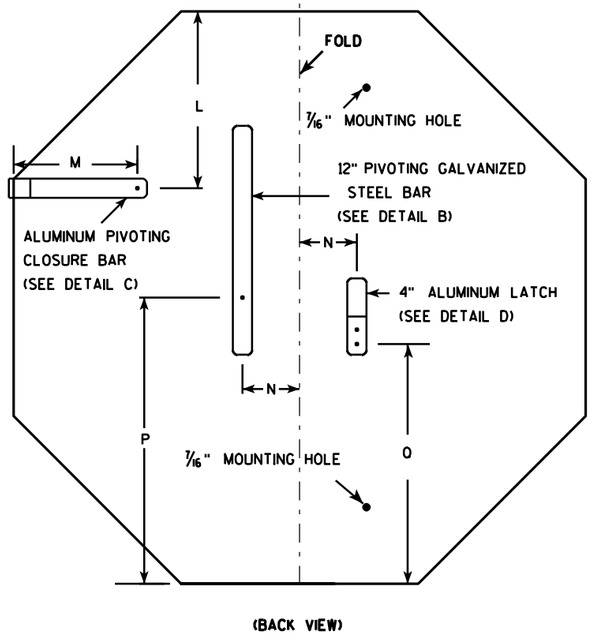
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

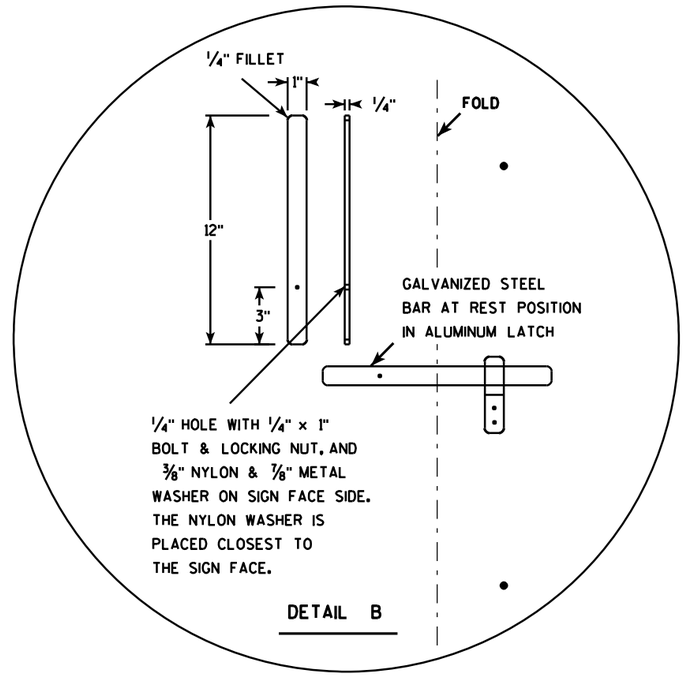
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 518	E



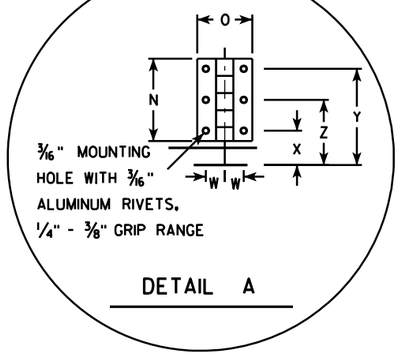


NOTES

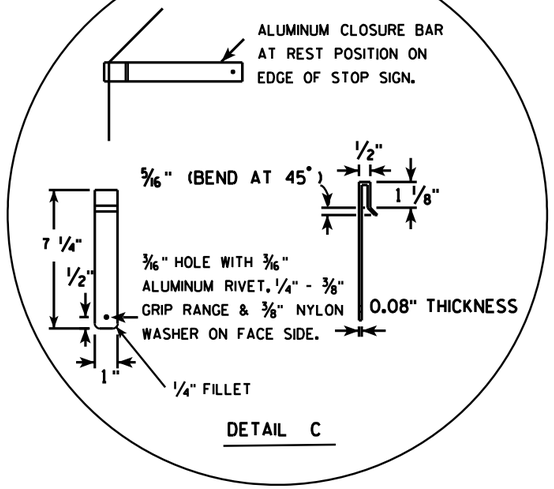
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.



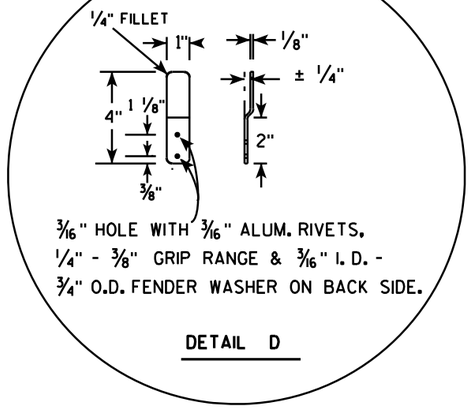
DETAIL B



DETAIL A



DETAIL C



DETAIL D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18
2M	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
4																											
5																											

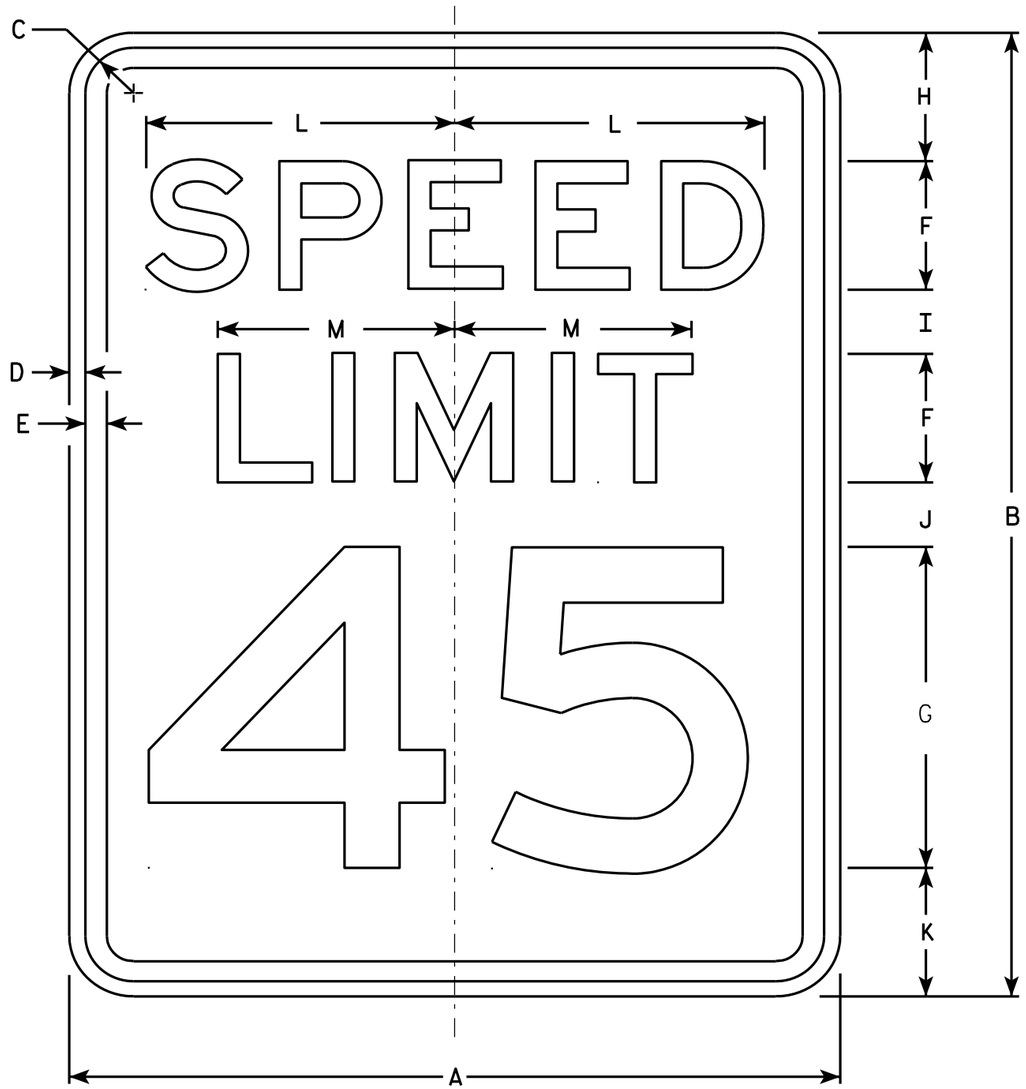
STANDARD SIGN
R1-1F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 519	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

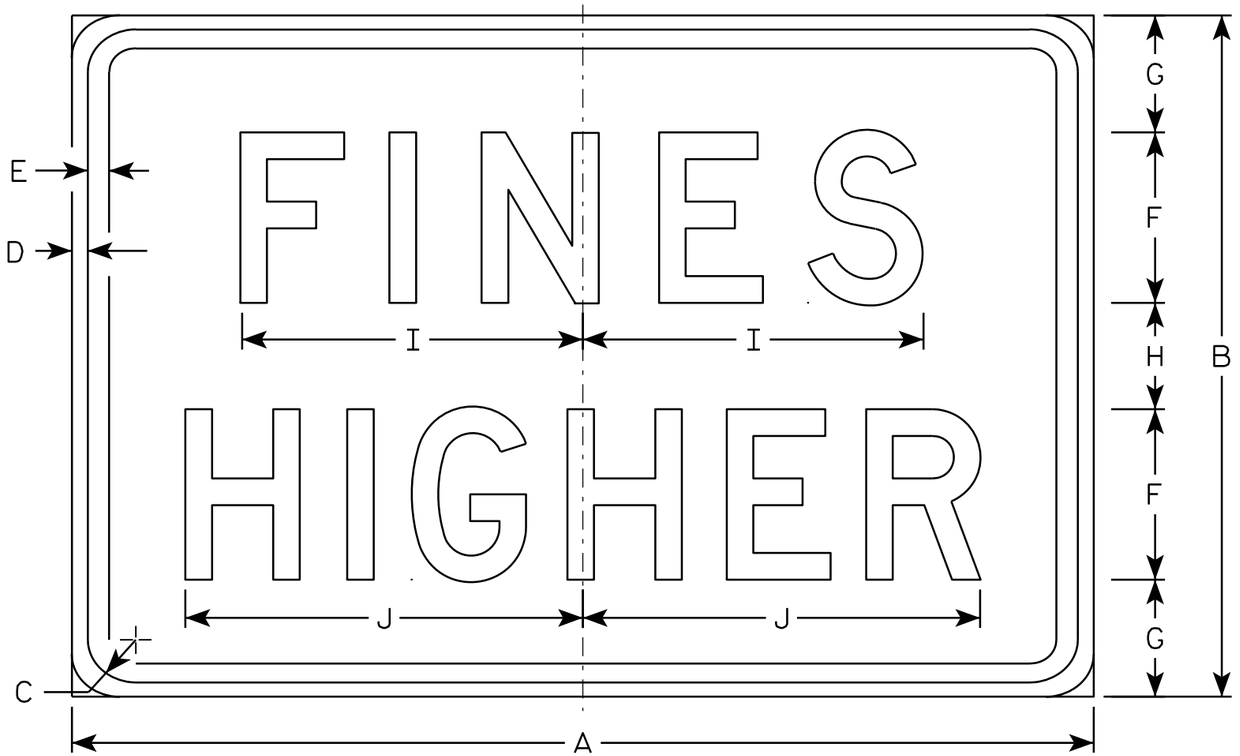
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 520 | E



R2-6P

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	18	1 1/8	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
2M	24	18	1 1/8	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
3	36	24	1 1/8	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
4	36	24	1 1/8	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
5	48	36	1 3/8	1/2	5/8	8	7	6	15 1/8	19																	12.0

STANDARD SIGN
R2-6P

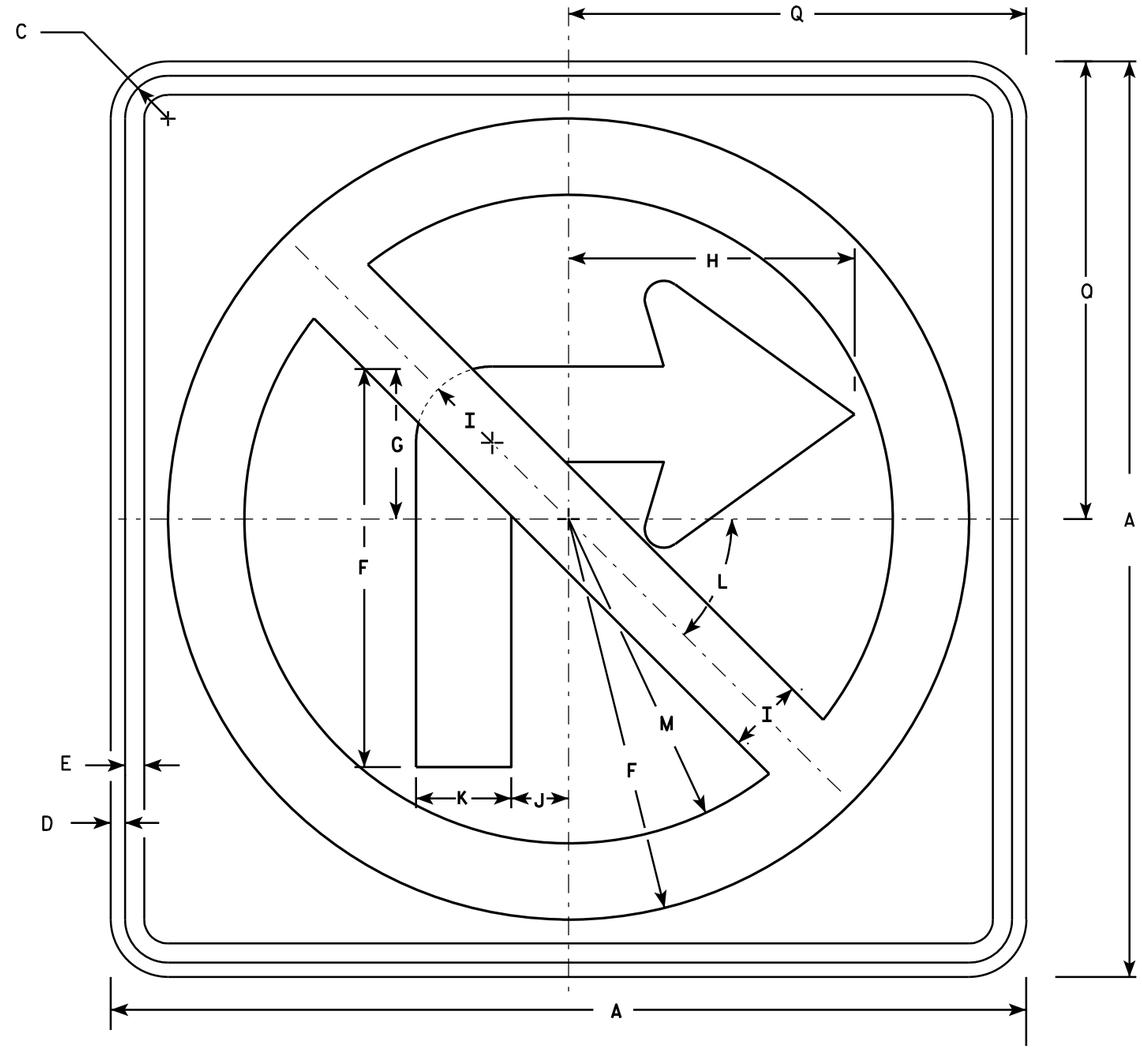
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/20/10 PLATE NO. R2-6P.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 521 | E

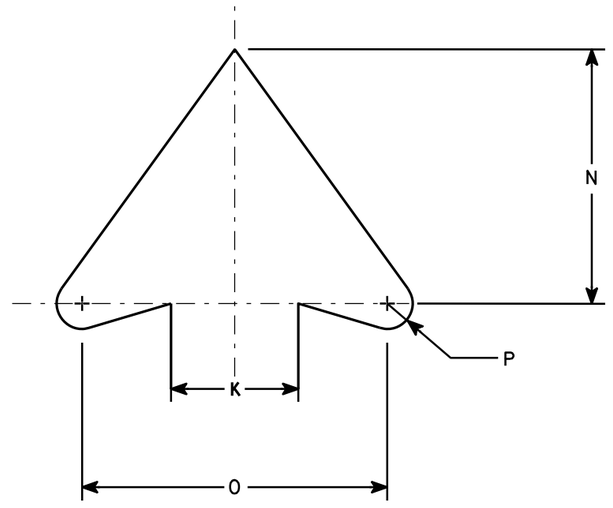
7



R3-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45	8 1/2	5	6	1/2	12										4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2	12										4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4	18										9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0

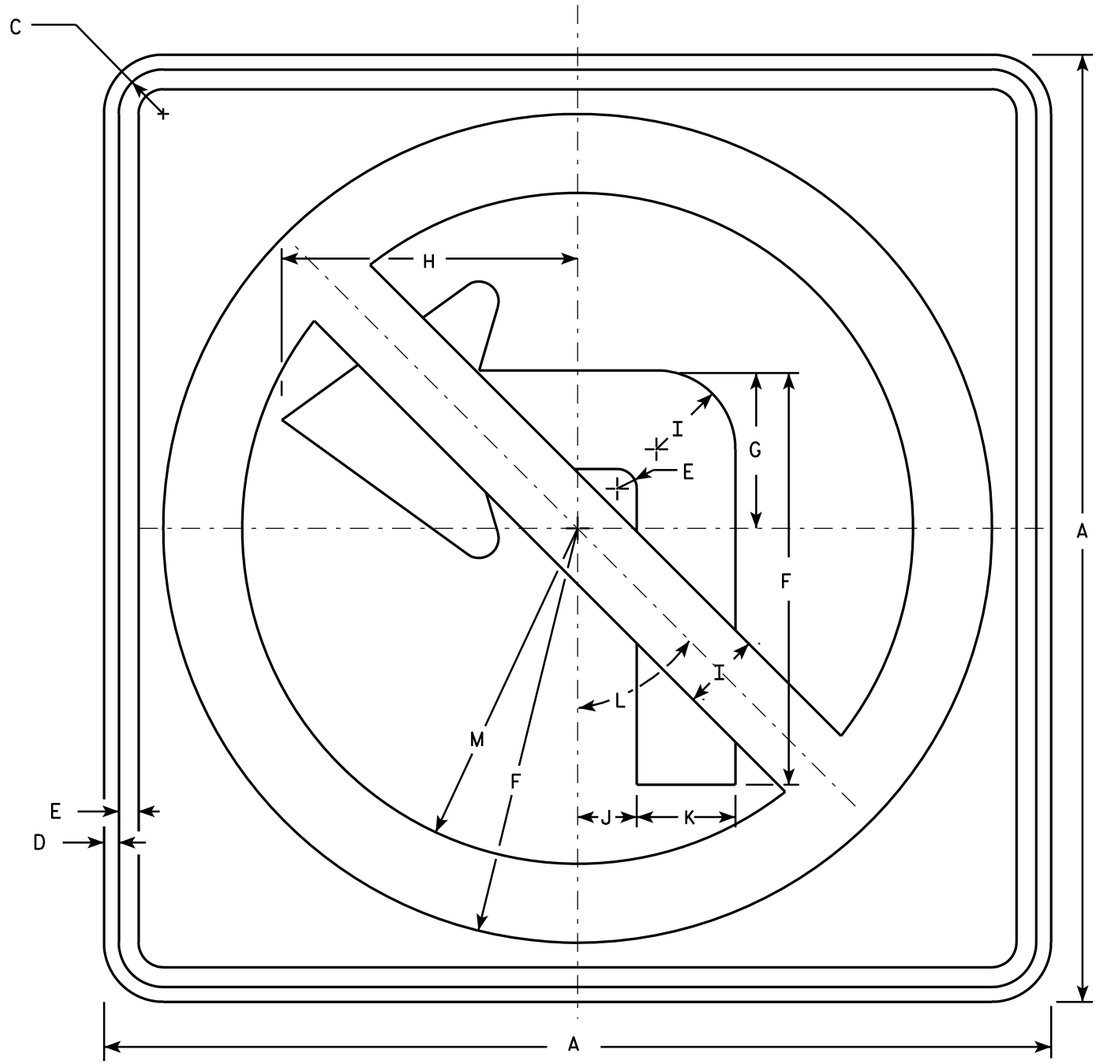
STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-1.5

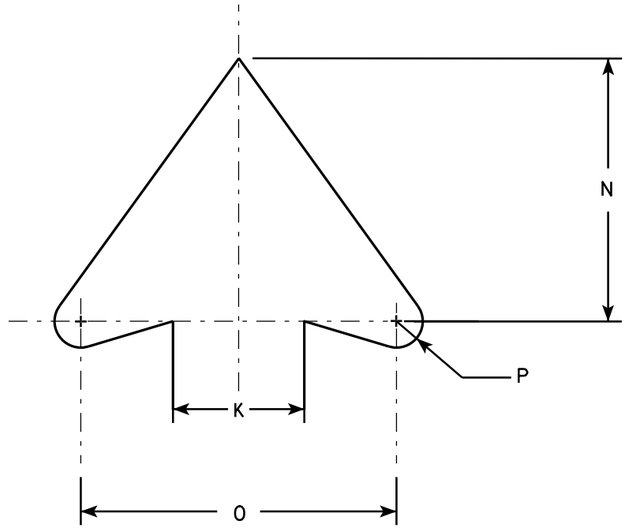
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 522	E



R3-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

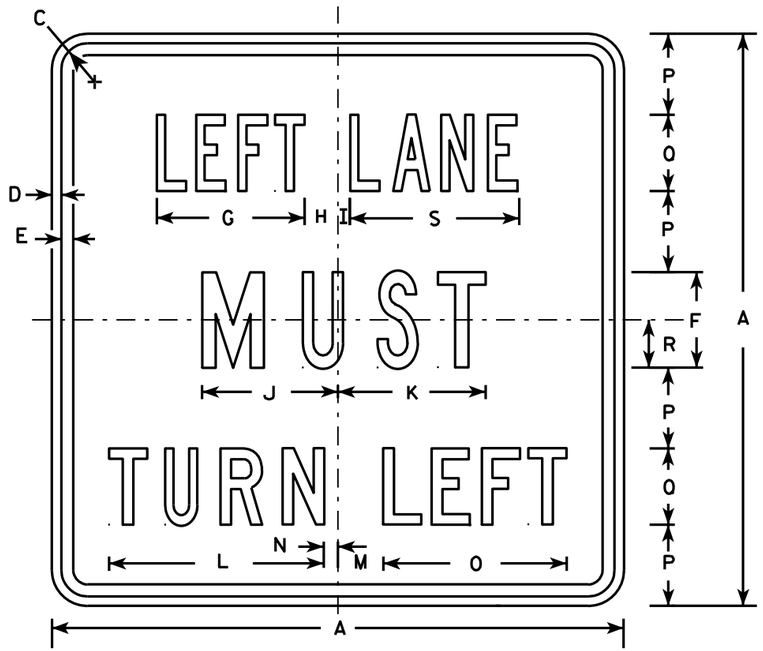
STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

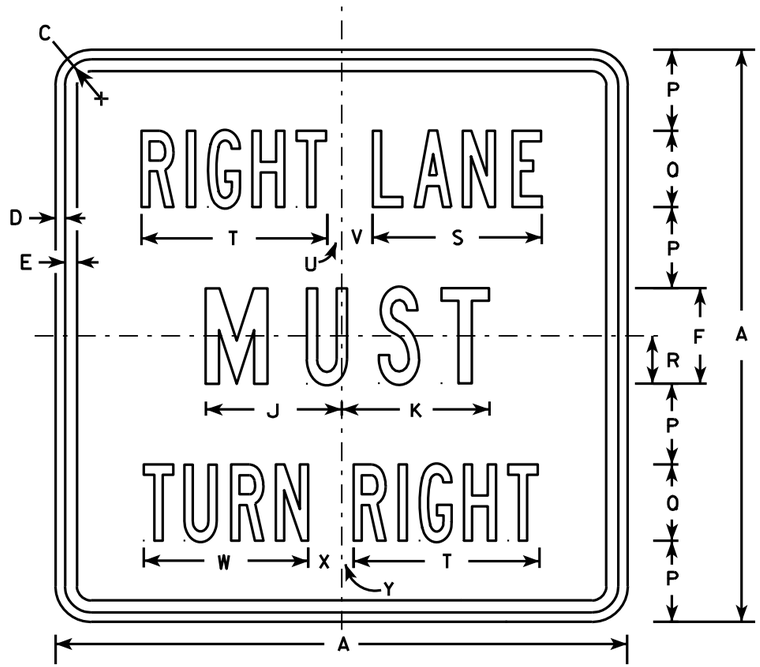
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-2.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 523	E



R3-7L



R3-7R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1 is Series B.
   Line 2 is Series C.
   Line 3 on plate R3-7R is Series B and Series C on plate R3-7L.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
2S	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
2M	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
3	36		1 5/8	5/8	3/4	6	9 5/8	2	1 1/8	8 3/4	9	13 1/2	3 7/8	1 1/2	12 1/2	5	5	3	10 5/8	12	7/8	2 1/4	10 5/8	2 1/8	1		9.00
4	48		2 1/4	3/4	1	8	13 1/2	2 3/8	1 1/2	11 1/2	11 7/8	17 3/4	3 5/8	2 1/2	16 3/8	6 1/2	7	4	14 3/8	16 7/8	5/8	3 1/4	15 1/8	2 3/4	1 1/8		16.00
5																											

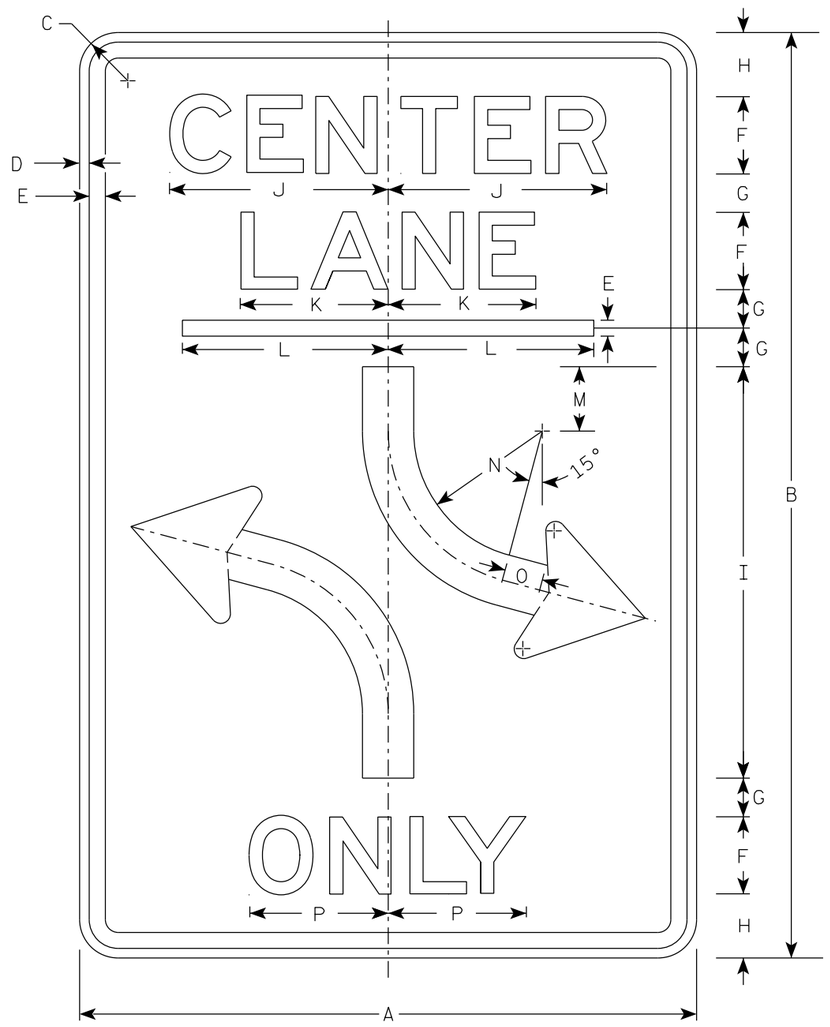
STANDARD SIGN
R3-7L & R3-7R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/2011 PLATE NO. R3-7.3

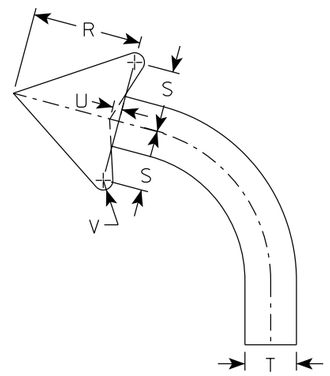
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 524 | E



R3-9B

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	3	1 1/2	2 1/2	16	8 1/2	5 3/4	8	2 1/2	5	1 1/2	5 1/8		4 3/8	2 3/8	2	3/8	3/8					6.0
2M	24	36	1 1/2	3/8	1/2	3	1 1/2	2 1/2	16	8 1/2	5 3/4	8	2 1/2	5	1 1/2	5 1/8		4 3/8	2 3/8	2	3/8	3/8					6.0
3	36	48	2 1/4	5/8	7/8	5	1 1/2	3 1/2	20	14 1/8	9 1/2	12	3	7 3/8	2	9 7/8		6 1/8	3 1/2	3	1/2	5/8					12.0
4																											
5																											

STANDARD SIGN
R3-9B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2022 PLATE NO. R3-9B.6

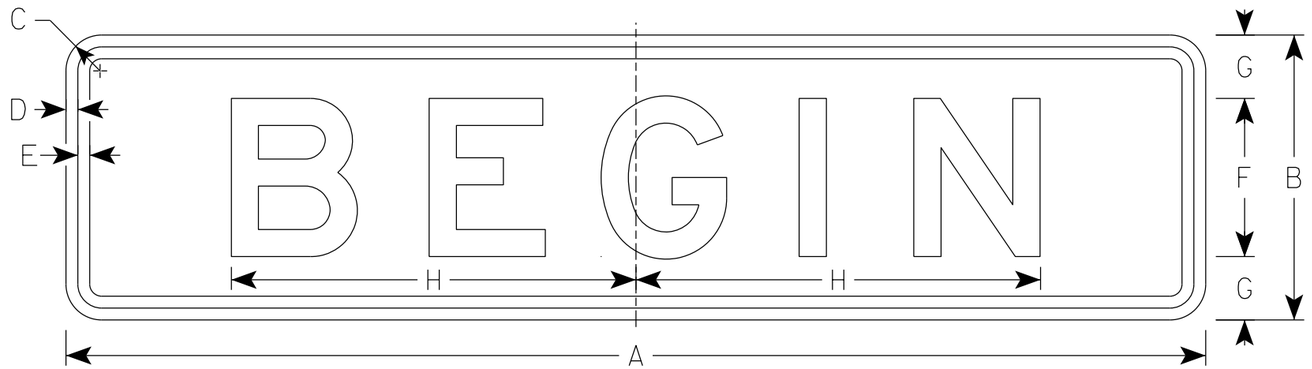
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 525 | E

7

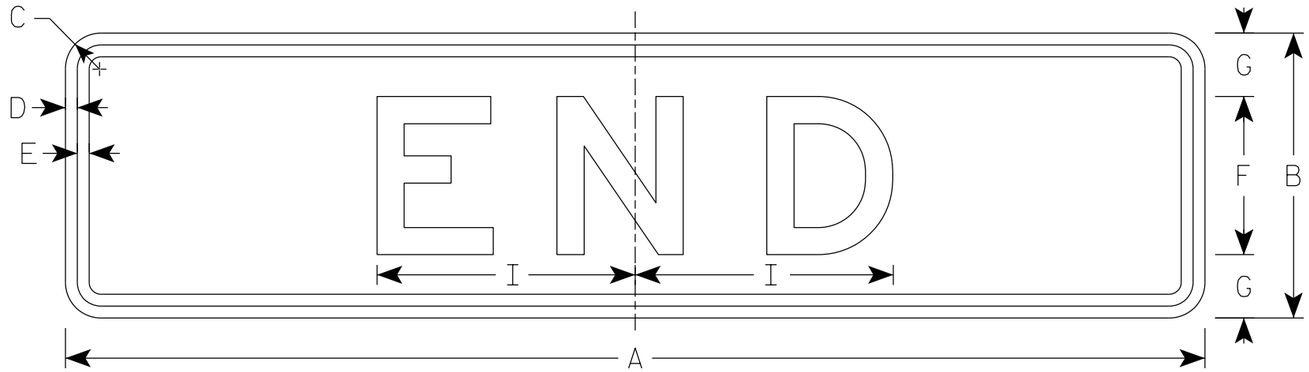
7

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



R3-9C



R3-9D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	6	1 1/8	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
2M	24	6	1 1/8	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
3	36	9	1 1/8	3/8	3/8	5	2	12 3/4	8 1/8																		2.25
4																											
5																											

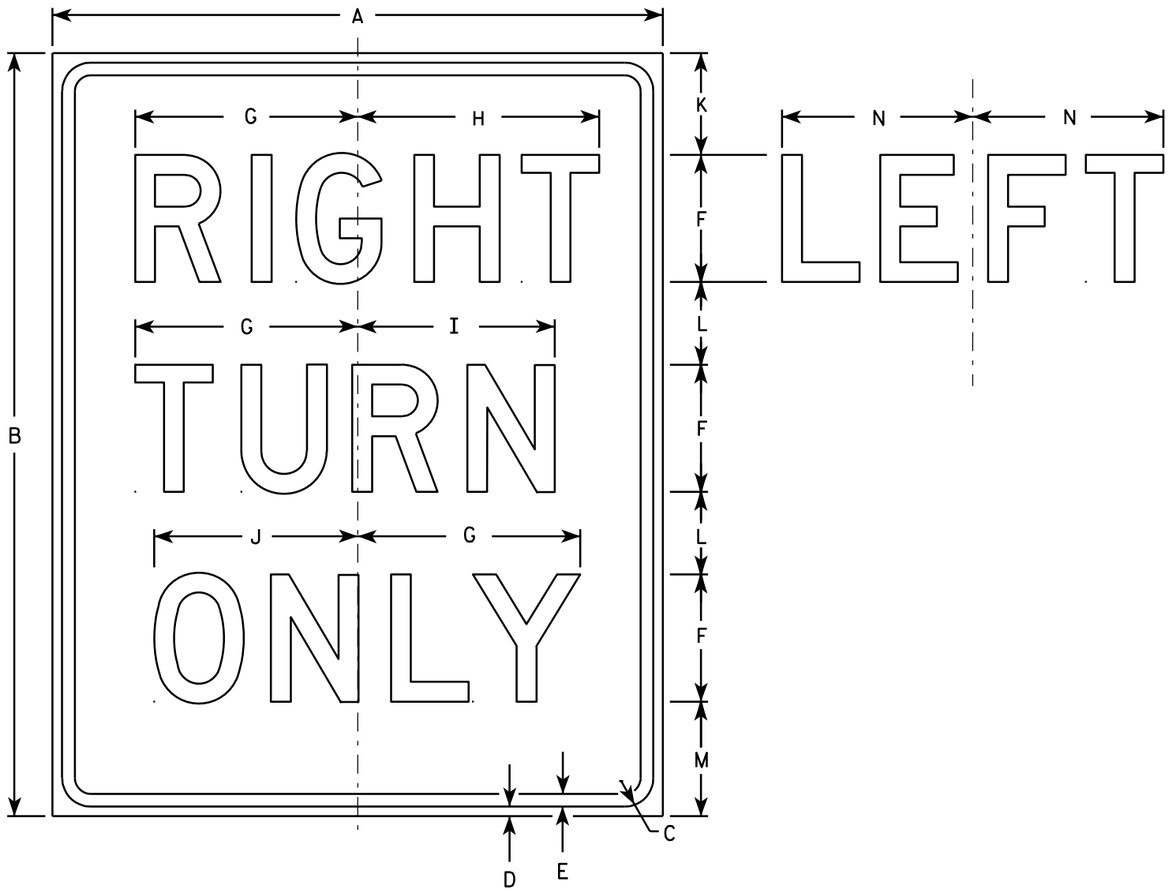
STANDARD SIGN
R3-9C & R3-9D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2021 PLATE NO. R3-9C.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



R3-53R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R3-53L same as R3-53R except LEFT is substituted for RIGHT.

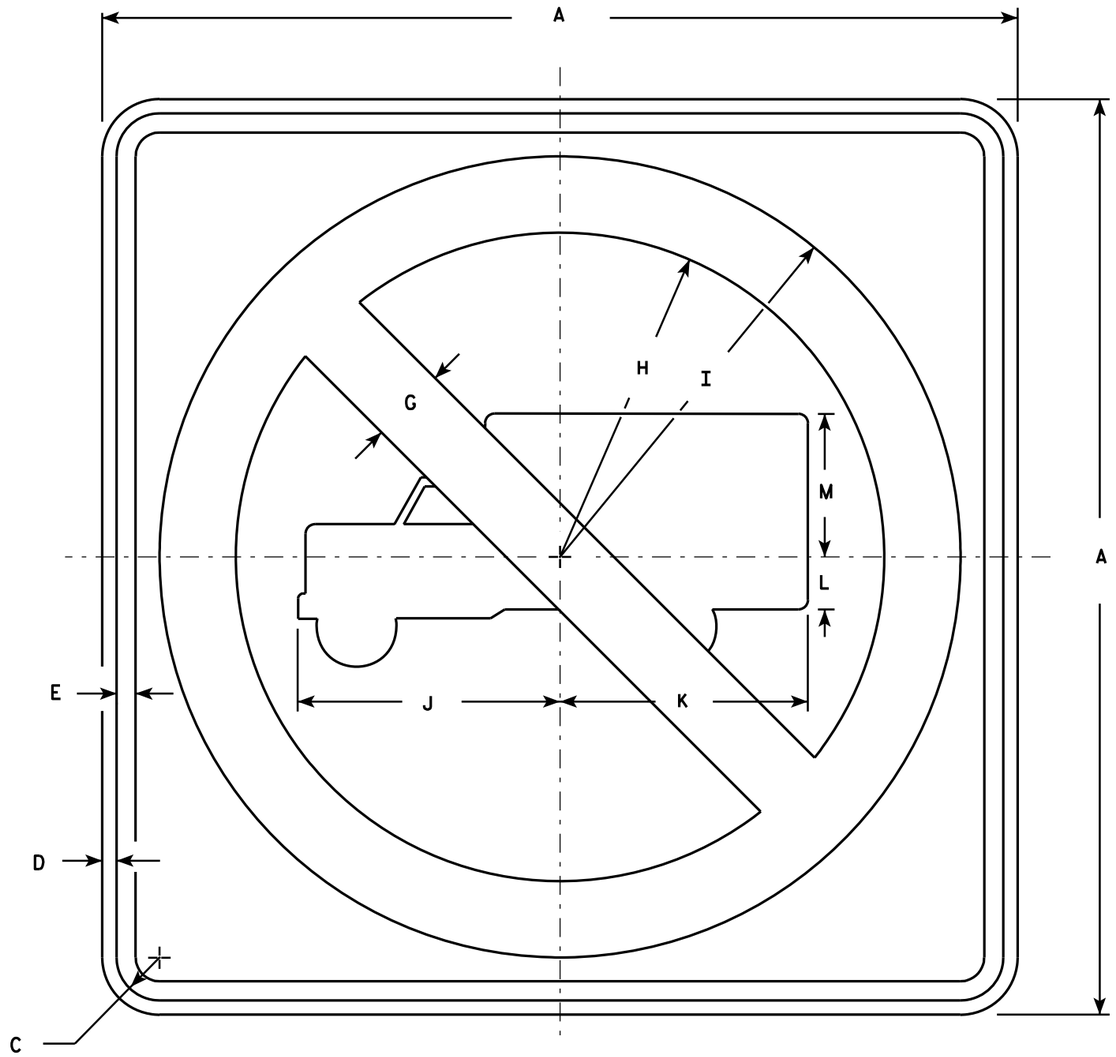
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/8	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
2M	24	30	1 1/8	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
3	24	30	1 1/8	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
4																											
5																											

STANDARD SIGN
R3-53

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 3/24/2011 PLATE NO. R3-53.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 527	E



R5-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Circle & Diagonal - Reflective red.
   Truck Symbol & Border - Non-reflective black.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/8	3/8	1/2		2	8 1/2	10 1/2	6 7/8	6 1/2	1 3/8	3 3/4														4.0
2M	24		1 1/8	3/8	1/2		2	8 1/2	10 1/2	6 7/8	6 1/2	1 3/8	3 3/4														4.0
3	30		1 3/8	1/2	5/8		2 1/2	10 5/8	13 1/8	8 1/2	8 1/8	1 5/8	4 3/4														6.25
4	36		1 5/8	5/8	3/4		3	12 3/4	15 3/4	10 1/4	9 3/4	2	5 3/4														9.0
5	48		2 1/4	3/4	1		4	17	21	13 5/8	13	2 5/8	7 5/8														16.0

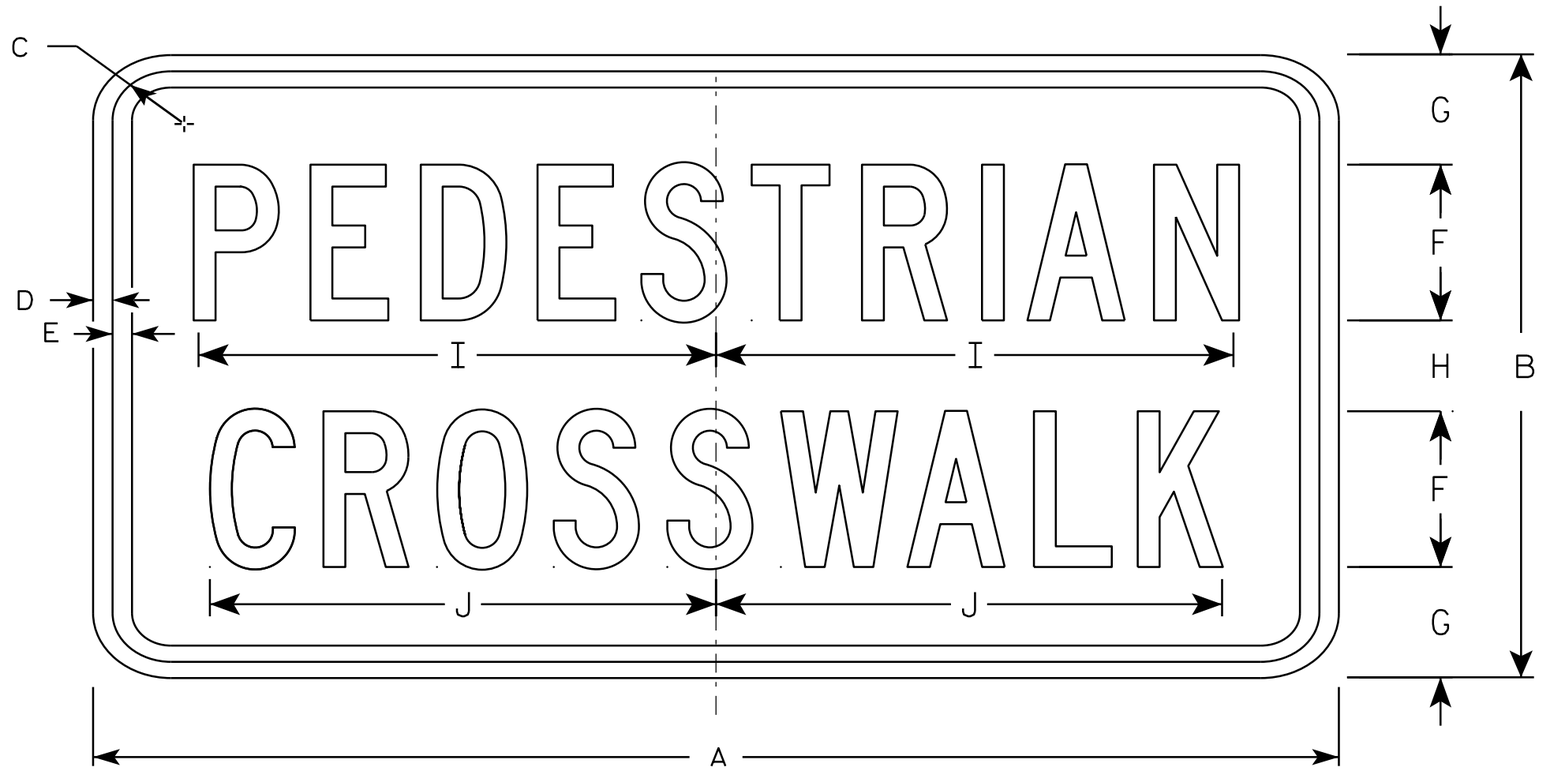
STANDARD SIGN
R5-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2011 PLATE NO. R5-2.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 528	E



R9-8

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	9 3/4																	2.0
2M	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	9 3/4																	2.0
3	30	18	1 3/4	1/2	1/2	4	3 1/2	3	13	13																	3.75
4																											
5																											

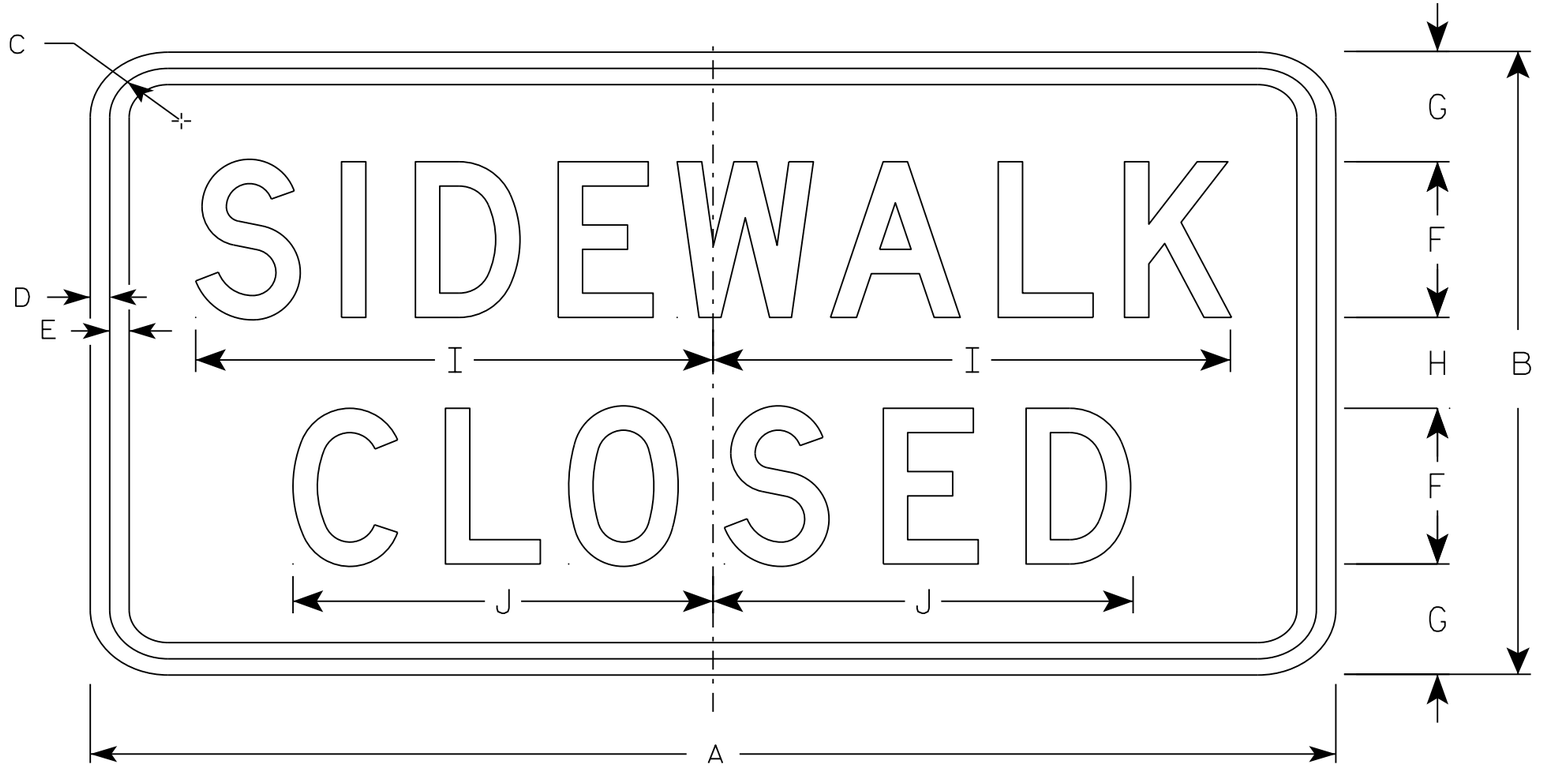
STANDARD SIGN
R9-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/17/16 PLATE 529 R9-8.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



R9-9

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
2M	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
3	30	18	1 3/4	1/2	1/2	4	3 1/2	3	12 1/2	10 1/4																	3.75
4																											
5																											

STANDARD SIGN
R9-9

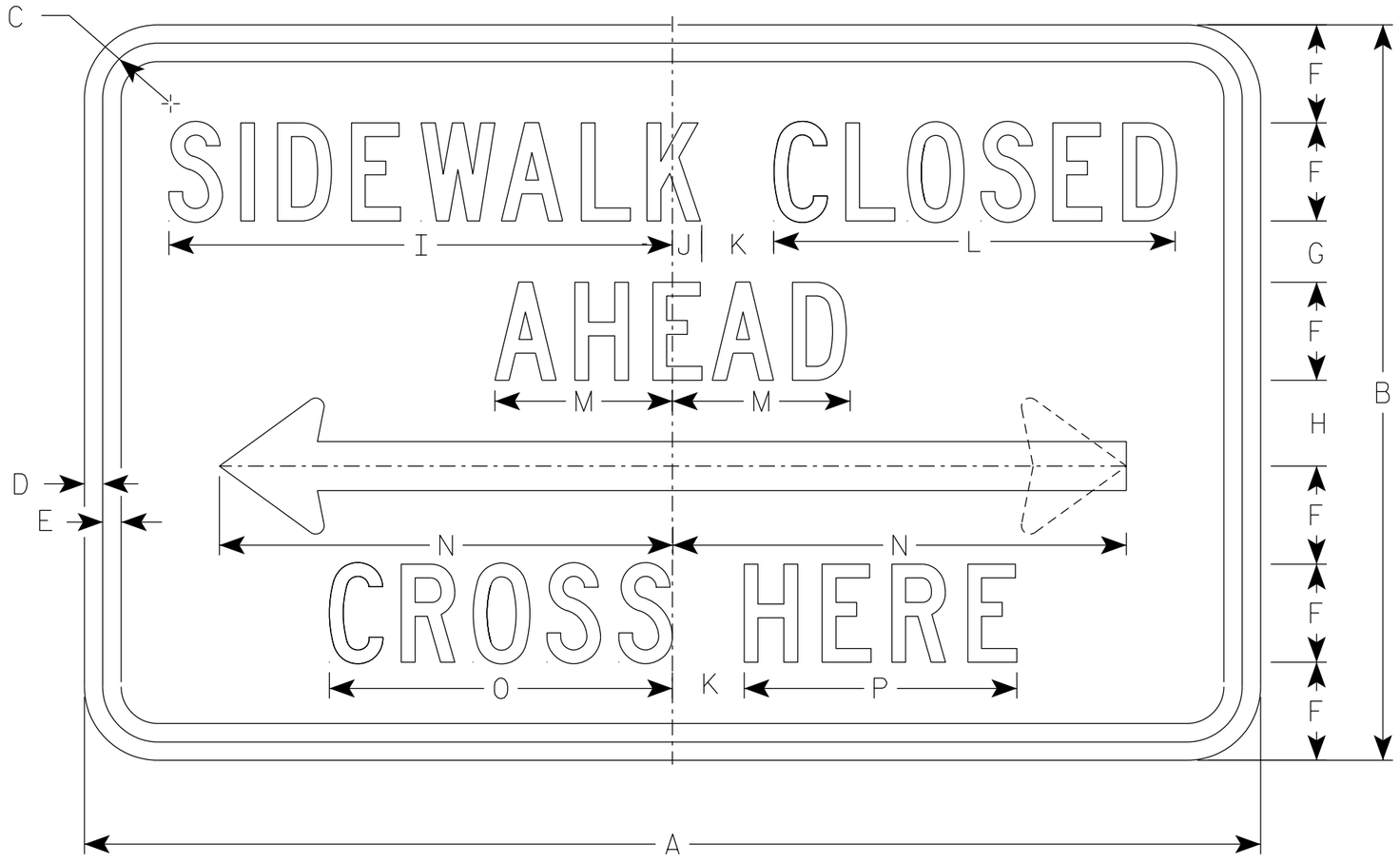
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

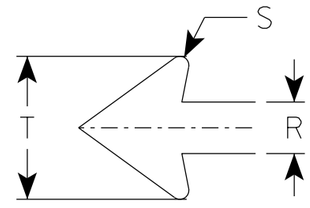
DATE 8/11/16 PLATE 530 R9-9.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R99.DGN PLOT DATE : 11-AUG-2016 11:33 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 2.918761:1.000000



R9-11



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C except Size 1 is Series D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.
6. R9-11 D (double arrow)
   R9-11 L (left arrow)
   R9-11 R (right arrow)

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/8	3/8	3/8	1 1/2	1 1/2	1 1/2	9 3/4	5/8	1 1/2	7 5/8	3 1/2	9 1/4	6 5/8	5 1/8		1	1/8	2 3/4							2.0
2M	24	12	1 1/8	3/8	3/8	1 1/2	1 1/2	1 1/2	9 3/4	5/8	1 1/2	7 5/8	3 1/2	9 1/4	6 5/8	5 1/8		1	1/8	2 3/4							2.0
3	30	15	1 1/8	3/8	1/2	2	1 1/2	1 1/2	13	3/4	2	10 1/4	4 5/8	12 3/8	8 7/8	6 7/8		1 1/4	1/4	3 5/8							3.125
4																											
5																											

STANDARD SIGN
R9-11

WISCONSIN DEPT OF TRANSPORTATION

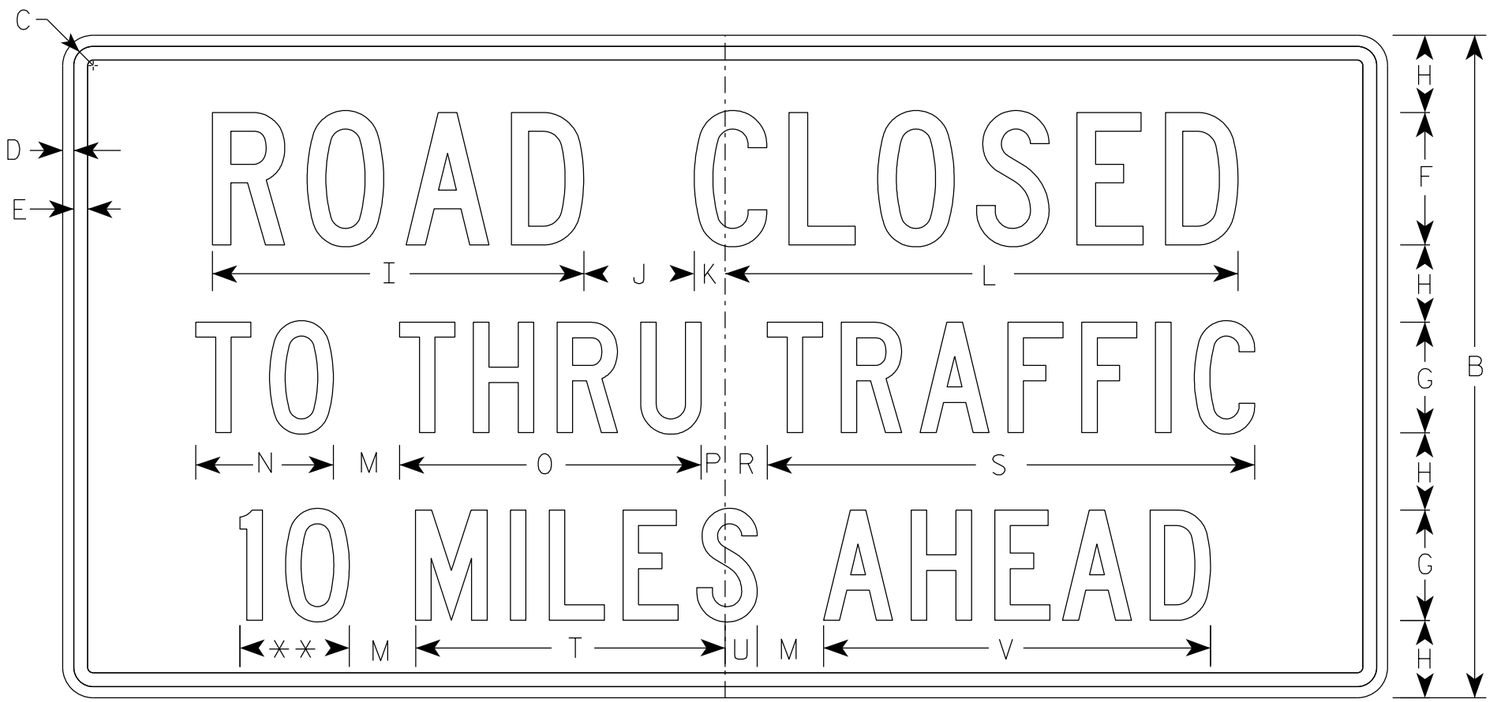
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/30/2021 PLATE NO. R9-11.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 531 | E

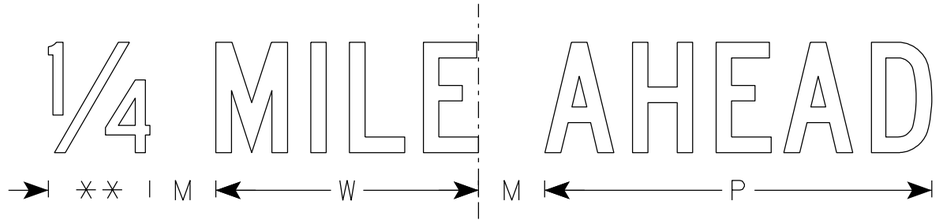
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



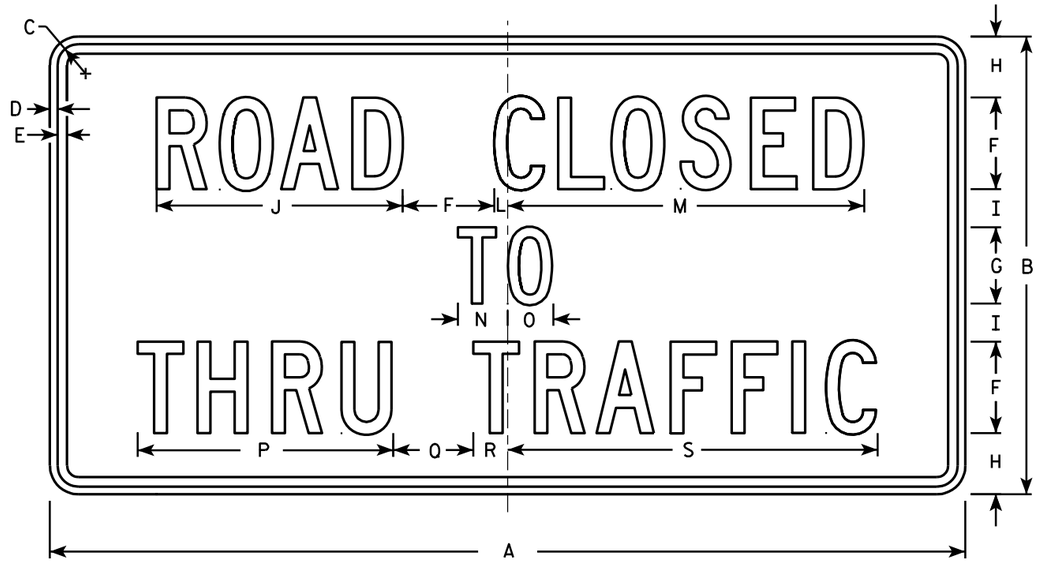
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/4	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 3/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 3/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 6/14/2021 PLATE NO. R11-3.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 532	E



R11-4

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

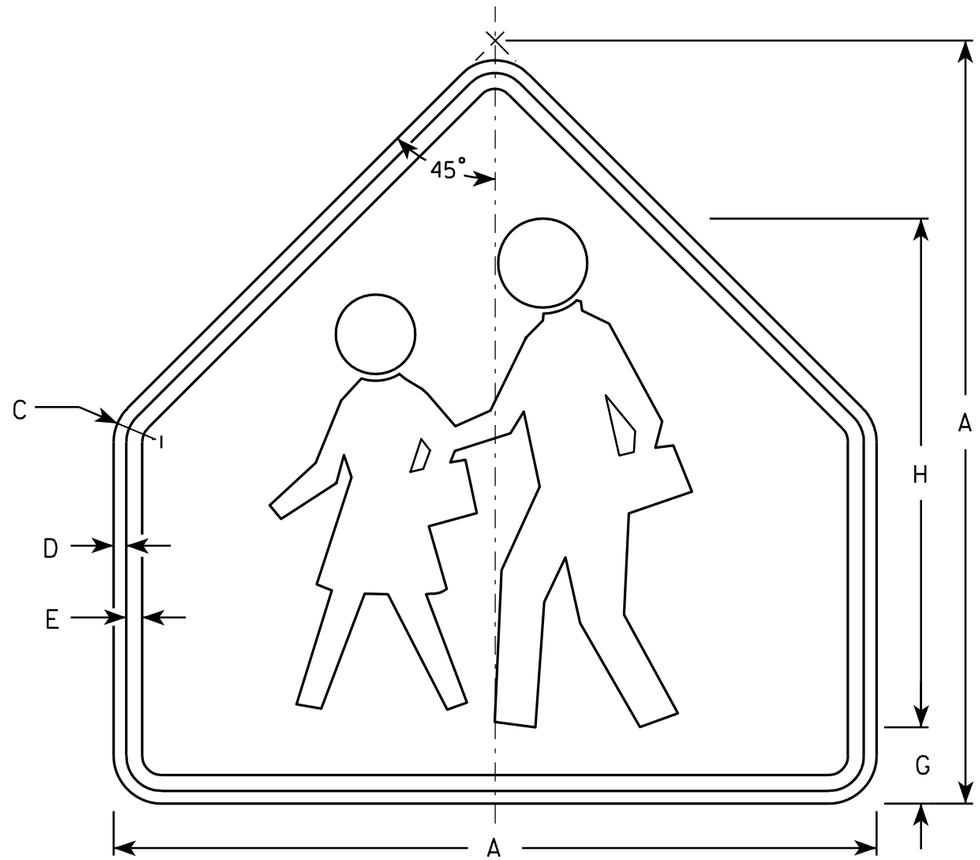
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-4.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 533 | E



S1-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow-Green
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		3	20																			4.69
2	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		2 1/4	3/4	1		4 3/4	32																			12
5																											

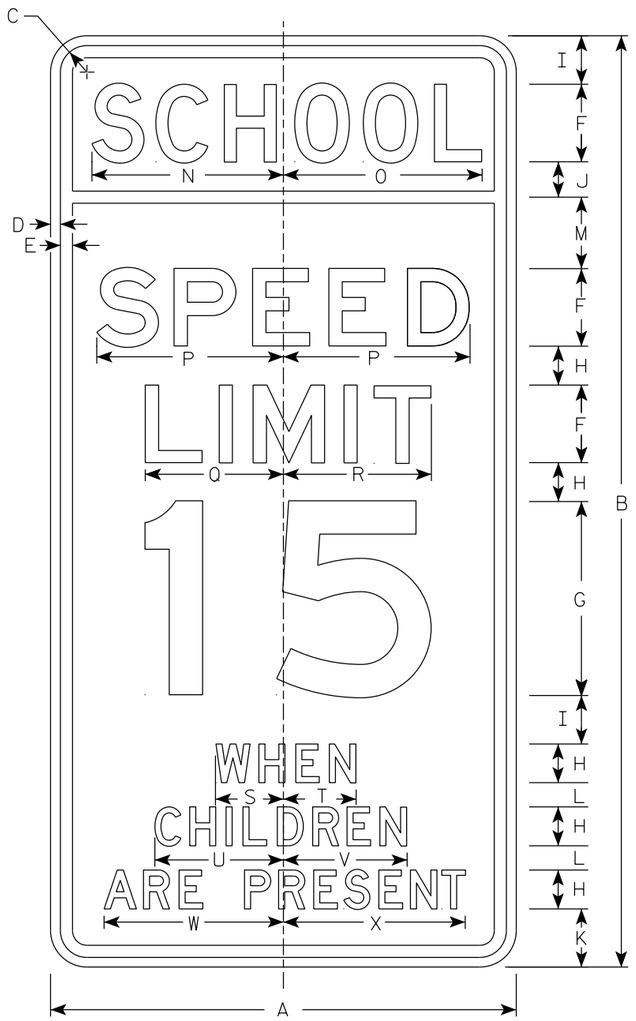
STANDARD SIGN
S1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/30/05 PLATE NO. S1-1.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 534	E



S4-51

NOTES

1. Sign is Type II - See Note 2 for Sheeting Type
2. Color:
   Background - See Note 4
   Message - Black
3. Message Series - See Note 5
4. Top panel (SCHOOL) background - Yellow Green - Type F Reflective
   Lower panel background - White - Type SH Reflective
5. From top to bottom:
   Lines 1, 5, 6 & 7 are series D
   Lines 2, 3 & 4 are series E
6. Line 4 substitute appropriate numerals and adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	48	1 3/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8			8.00
3	36	72	2 1/4	3/4	1	6	15	3	3 3/4	2 3/4	4 1/2	1 7/8	5 1/2	15	15 1/4	14 1/2	11 1/4	11 1/2	5 1/2	5 3/4	10	9 3/4	14	14 1/8			18.00
4																											
5																											

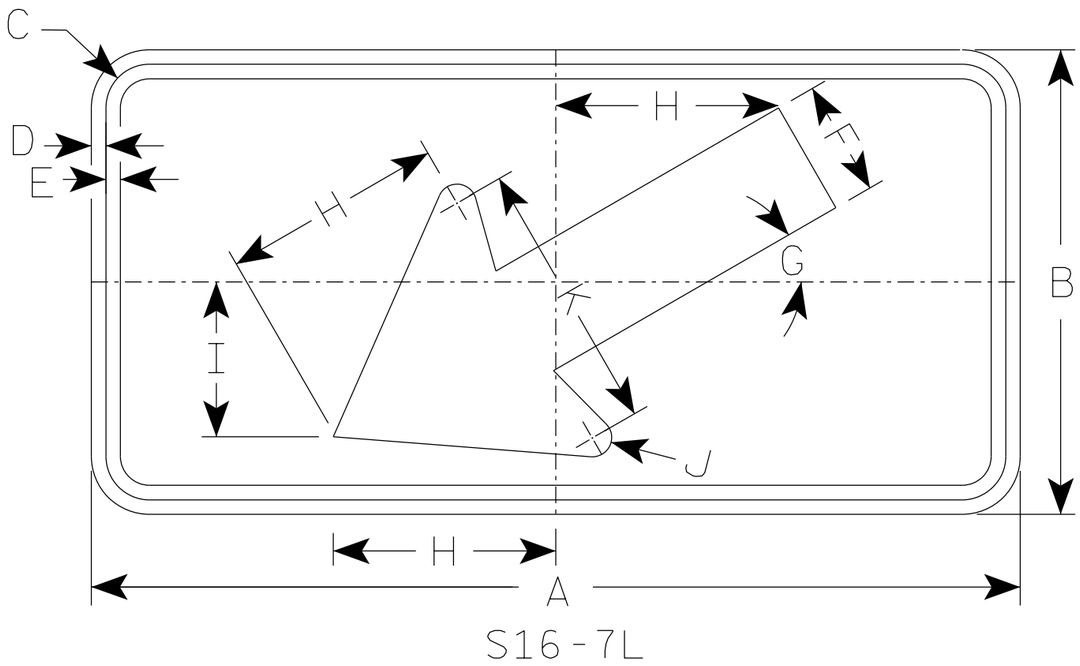
STANDARD SIGN
S4-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/27/2020 PLATE NO. S4-51.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 535 E



S16-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black
3. S16-7R are the same as S16-7L except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 1/8	3/8	3/8	3	30°	5 3/4	4	1/2	7																2.0
2S	30	18	1 1/8	3/8	1/2	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
2M	30	18	1 1/8	3/8	1/2	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
3	30	18	1 1/8	3/8	1/2	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
4	48	24	1 3/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
5																											

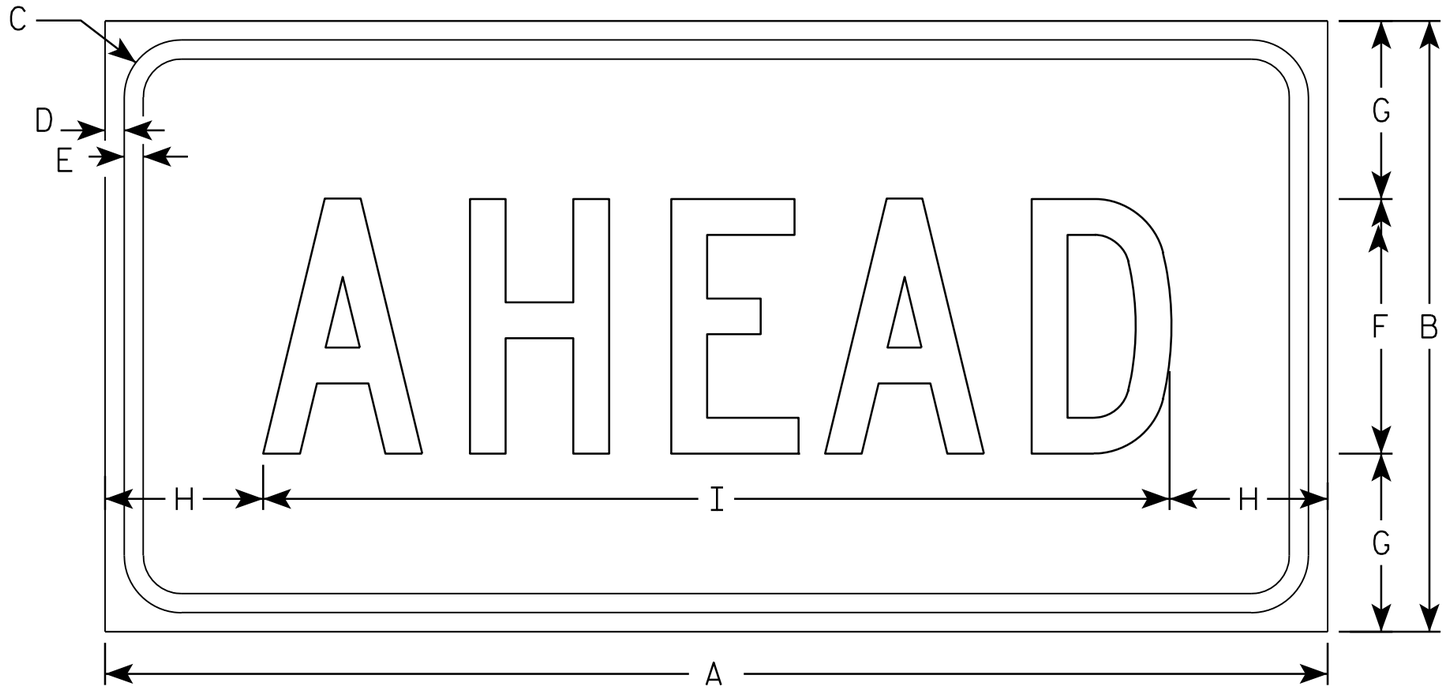
STANDARD SIGN
S16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/2021 PLATE NO. S16-7.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 536 E



S16-9P

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow-Green
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 1/8	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2S	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
2M	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/8	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 3/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

STANDARD SIGN
S16-9P

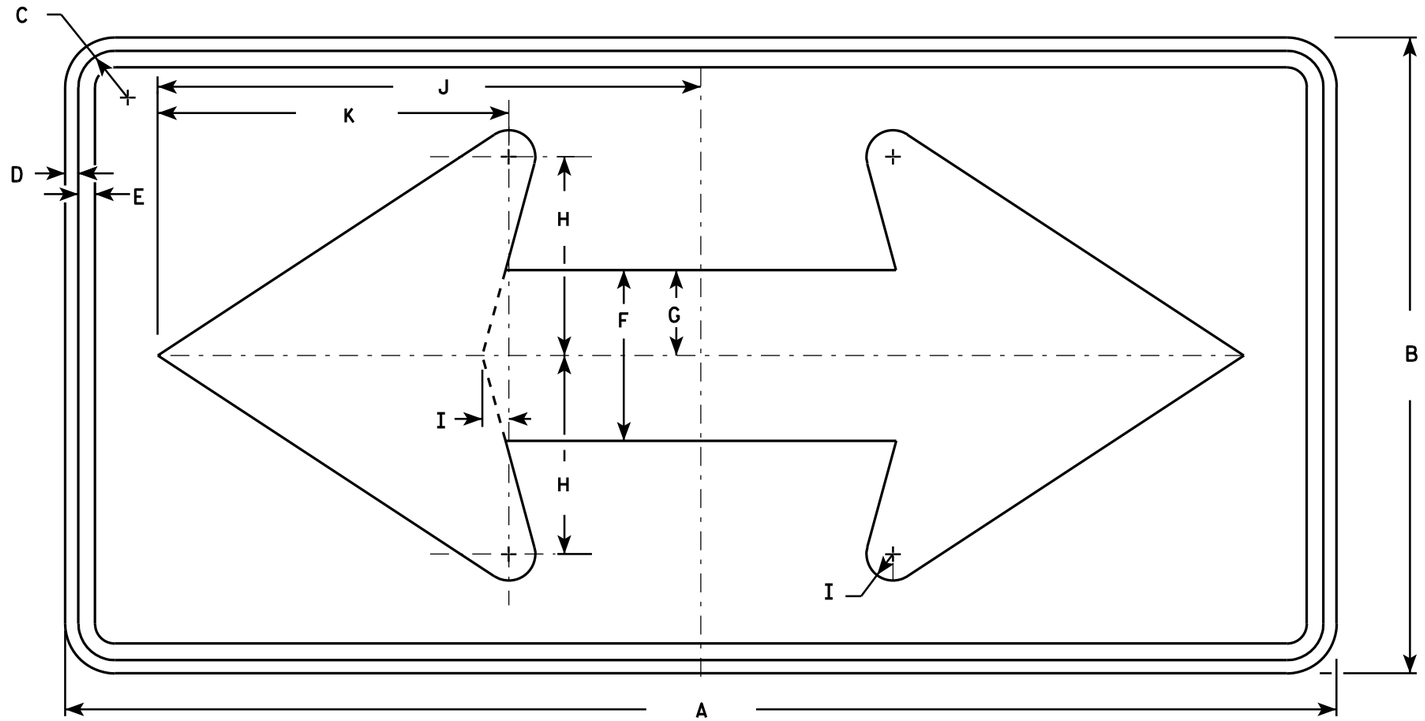
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/22/13 PLATE NO. S16-9P.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 537 | E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\S169P.dgn PLOT DATE : 22-JUL-2013 10:32 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 2.977140:1.000000



W1-7

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/8	3/8	1/2	5	2 1/2	5 3/4	3/4	15 5/8	10 1/8																4.5
2S	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
3	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
5	96	48	2 1/4	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

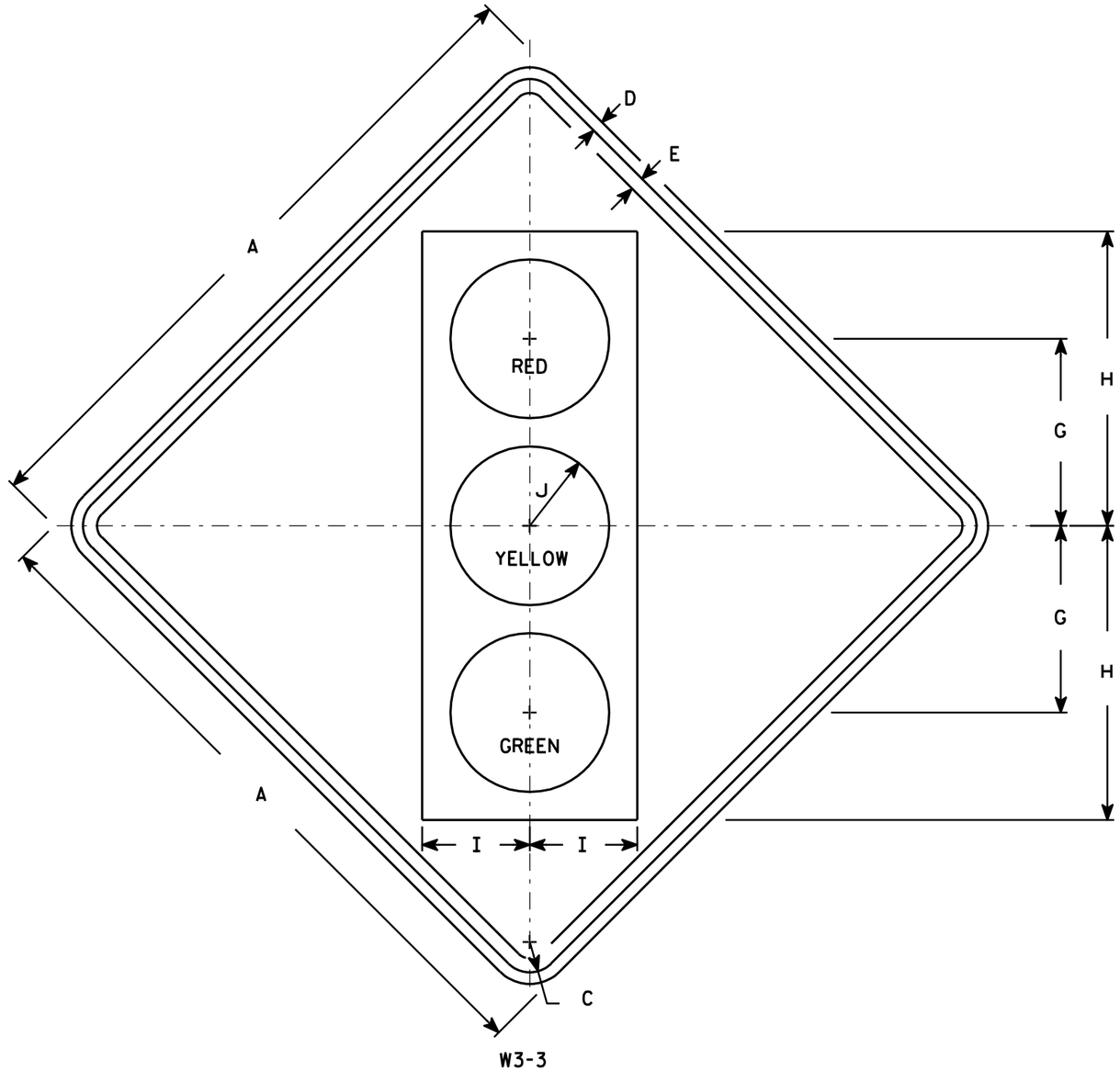
STANDARD SIGN
W1-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-7.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 538 | E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Symbol and border are non-reflective black.
   Top circle - Type H Reflectorized Red
   Center circle - Same as background
   Bottom circle - Type H Reflectorized Green

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		8 3/4	13 3/4	5	3 3/4																	6.25
2S	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2M	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
3	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
4	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
5	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0

STANDARD SIGN
W3-3

WISCONSIN DEPT OF TRANSPORTATION

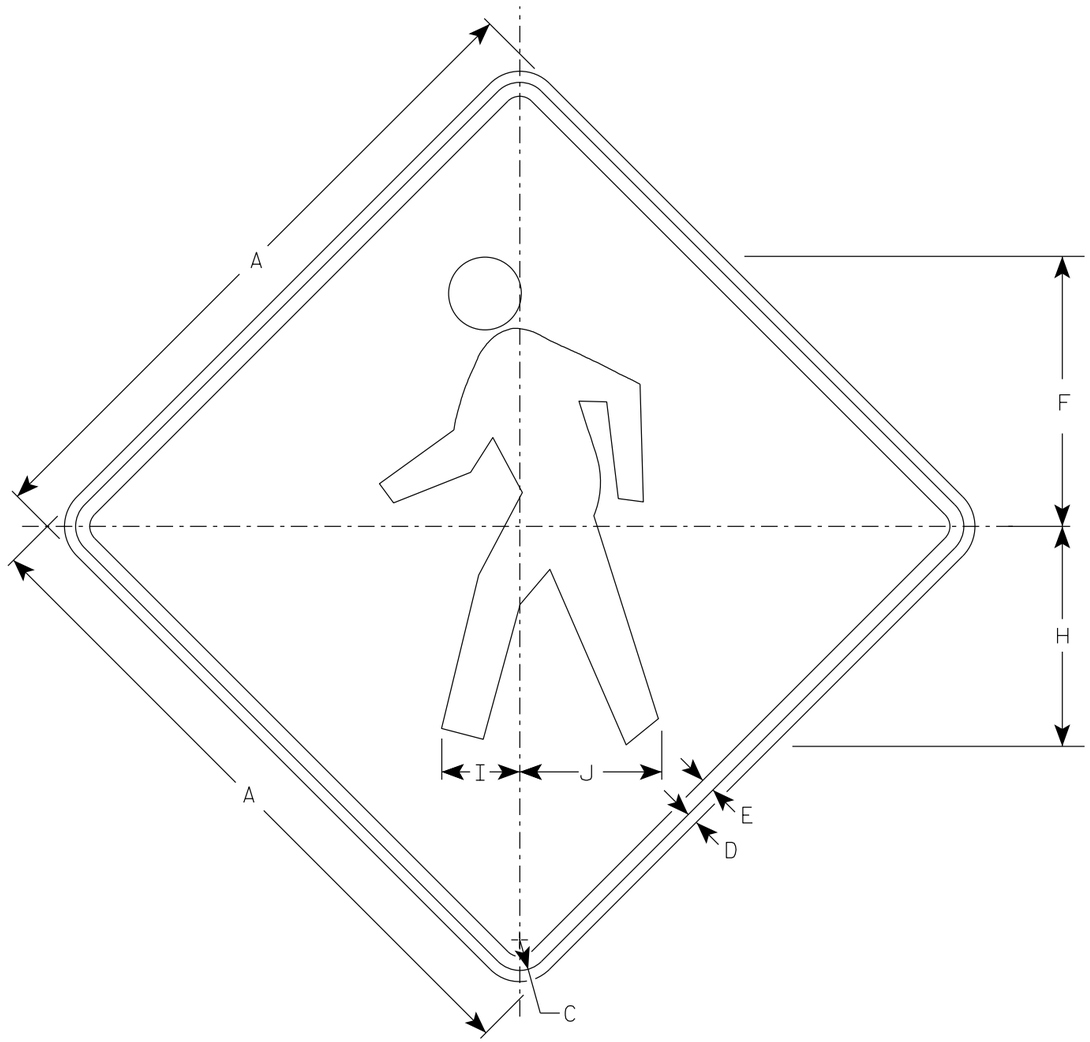
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-3.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 539 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



W11-2

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 3/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		2 1/4	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

STANDARD SIGN

W11-2

WISCONSIN DEPT OF TRANSPORTATION

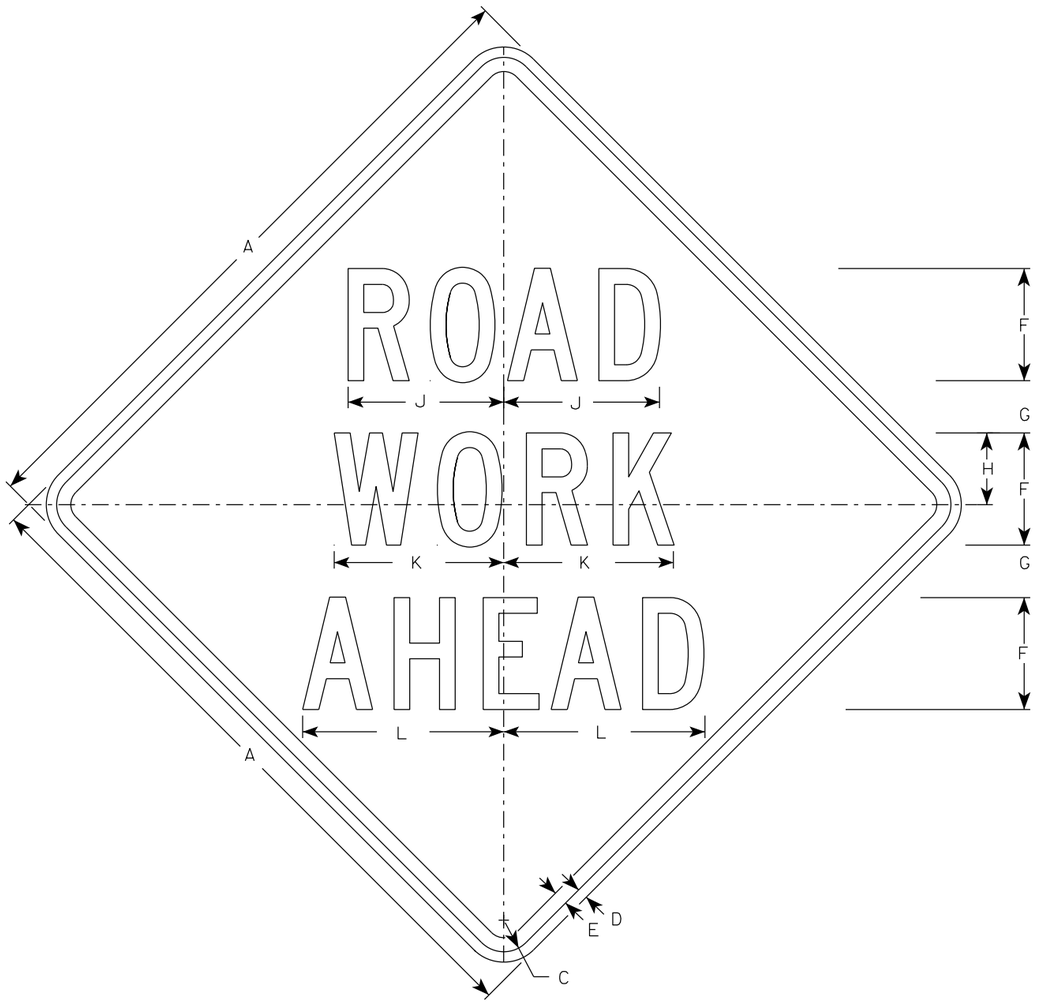
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/8/2020 PLATE NO. W11-2.8

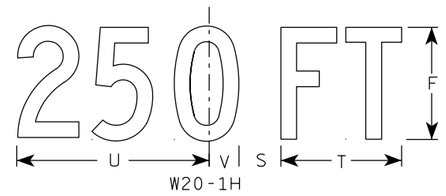
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 540 E

NOTES

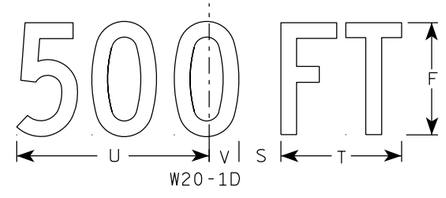
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1A

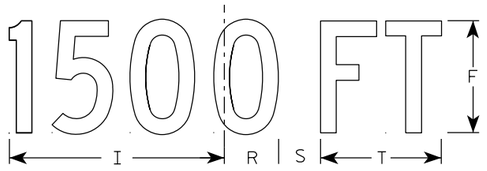


W20-1H

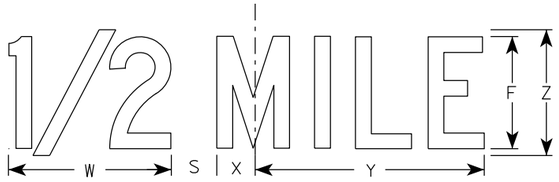


W20-1D

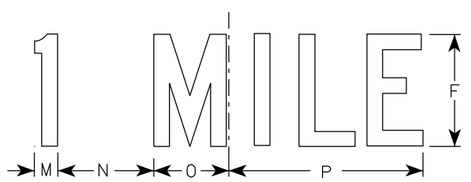
W20-1C



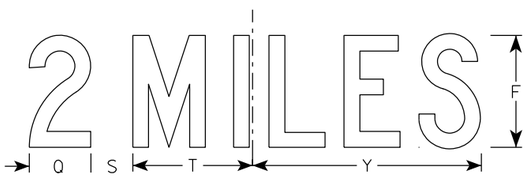
W20-1B



W20-1G



W20-1F



W20-1E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 3/25/2020 PLATE NO. W20-1.11

PROJECT NO:

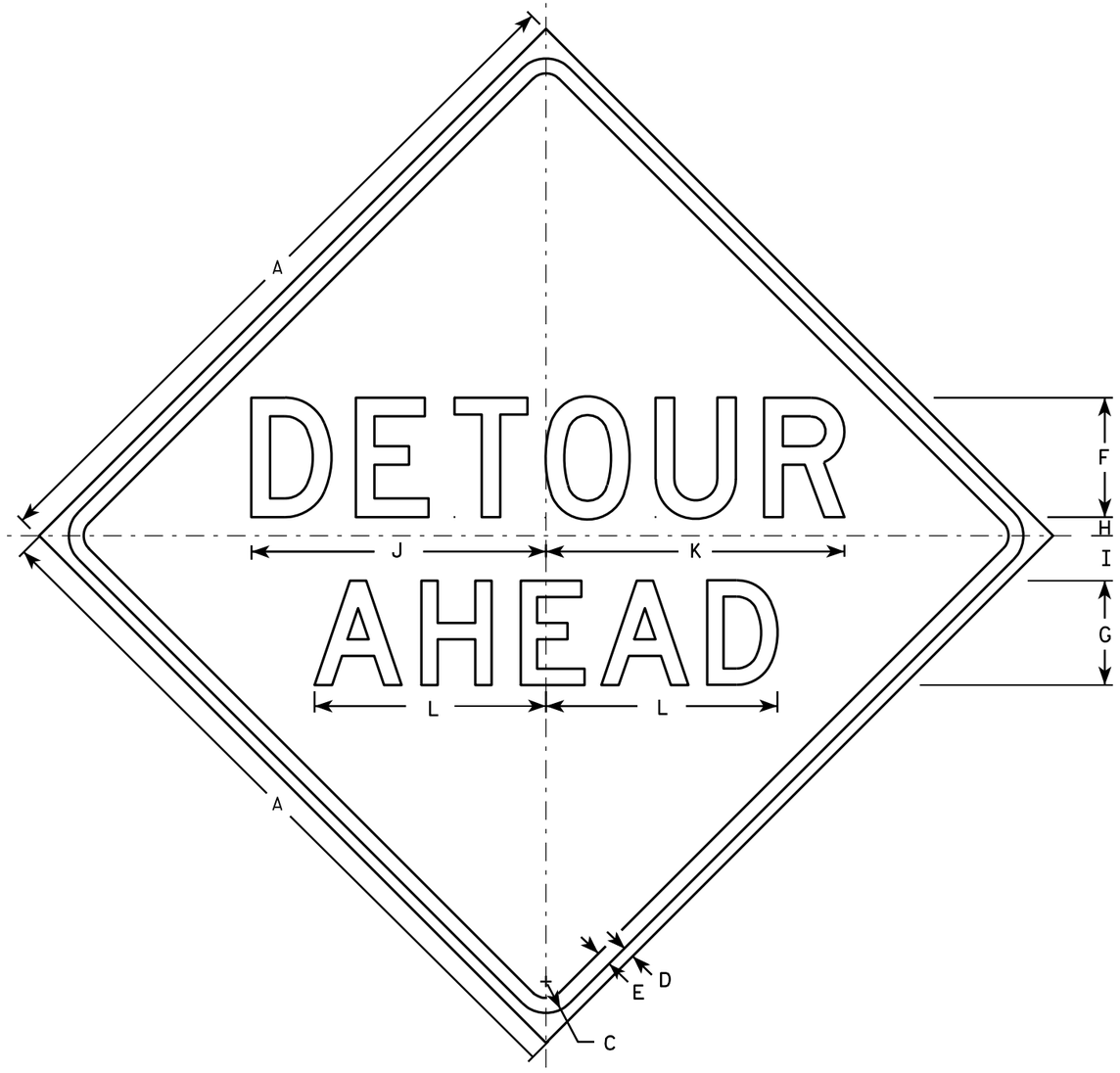
SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 25-MARCH-2020 PLOT BY : dotc4c

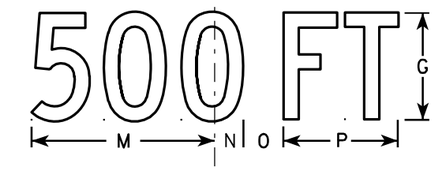
WISDOT/CADDS SHEET 42

7

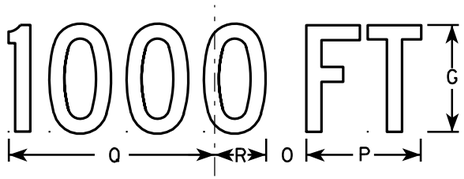
7



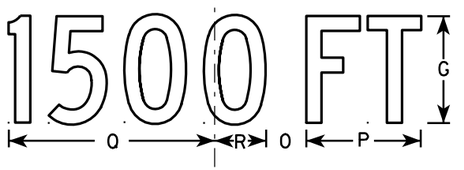
W20-2A



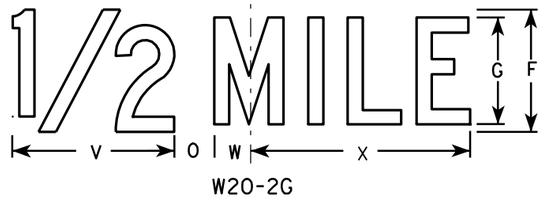
W20-2D



W20-2C



W20-2B



W20-2G

W20-2F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

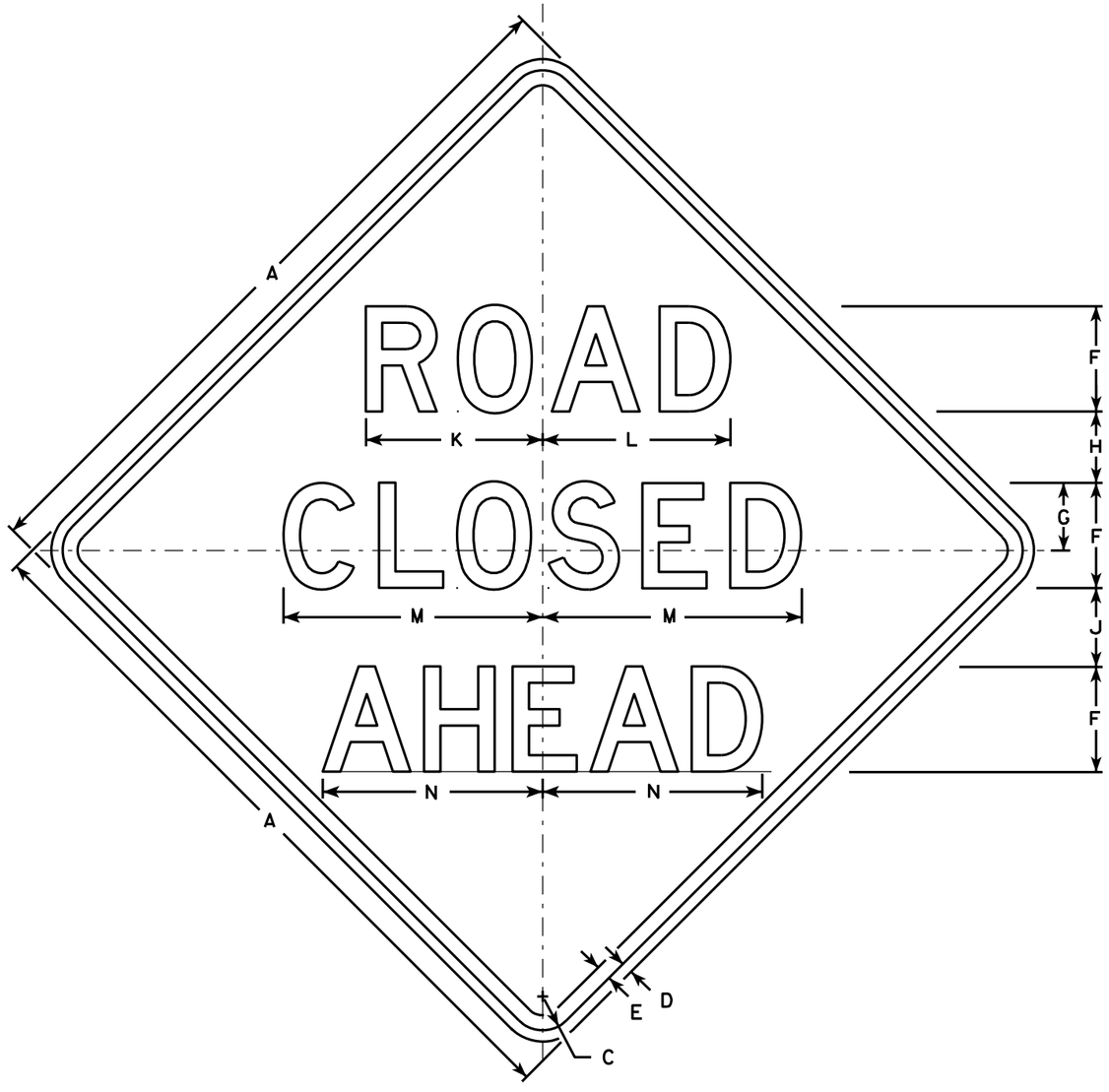
STANDARD SIGN
W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

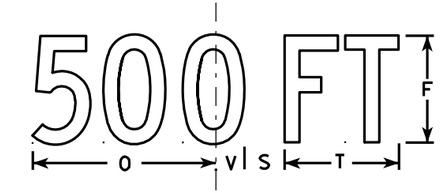
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-2.6

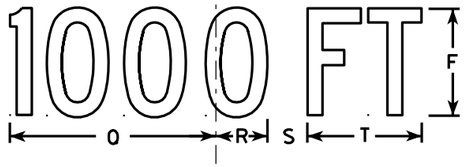
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 542	E



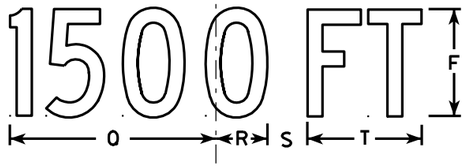
W20-3A



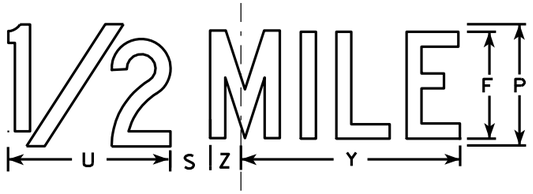
W20-3D



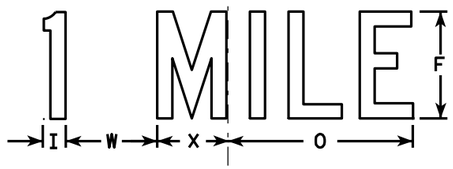
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 3/18/11 PLATE NO. W20-3.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 543 | E

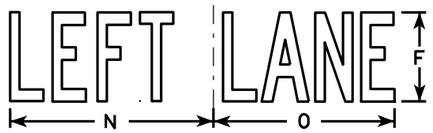
FILE NAME : C:\Users\PROJECTS\tr_stdplate\W203.DGN PLOT DATE : 18-MAR-2011 12:08 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.931739:1.000000

WISDOT/CADDS SHEET 42

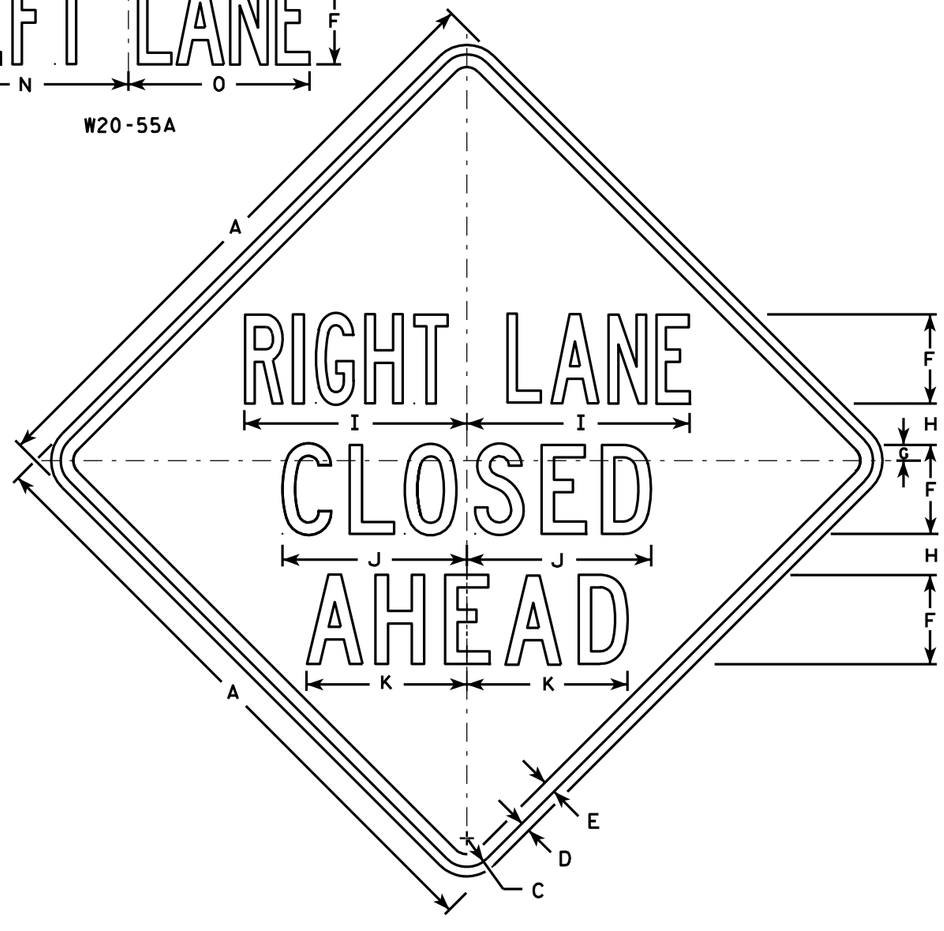
7

7

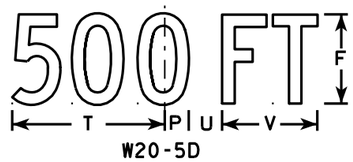
W20-56A



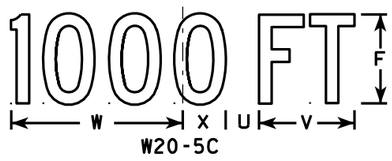
W20-55A



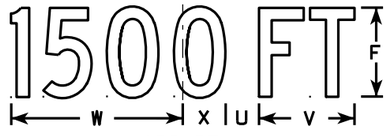
W20-5A



W20-5D



W20-5C



W20-5B

W20-5G

W20-5F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. " _____ LANE" is Series B.
   All other copy is Series C.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	6	1 5/8	5/8	3/4	5	1/8	2 1/2	13 1/8	10 3/4	9 1/2	14 1/4	13 5/8	12	12	1 3/8	1 1/8	4 1/2	3 1/2	9	1 1/8	5 5/8	10 1/8	2 1/2	1 3/4	8	9.0
2S	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
2M	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
3	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
4	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
5	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0

STANDARD SIGN
W20-5A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

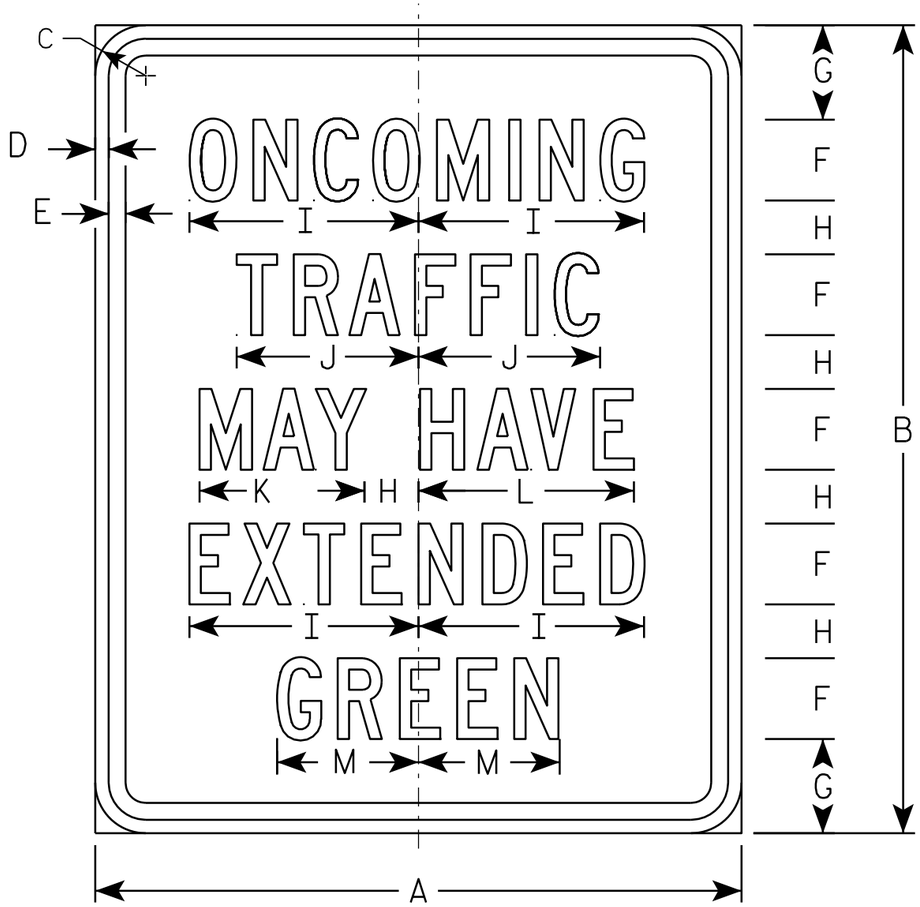
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-5.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 544	E

7

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W205.DGN PLOT DATE : 18-MAR-2011 12:15 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 11.918087:1.000000
WISDOT/CADDS SHEET 42



W25-2

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Message - BLACK
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 3/8	1/2	5/8	3	3 1/2	2	8 1/2	6 3/4	6 1/8	8	5 1/4														5.0
2M	24	30	1 3/8	1/2	5/8	3	3 1/2	2	8 1/2	6 3/4	6 1/8	8	5 1/4														5.0
3																											
4																											
5																											

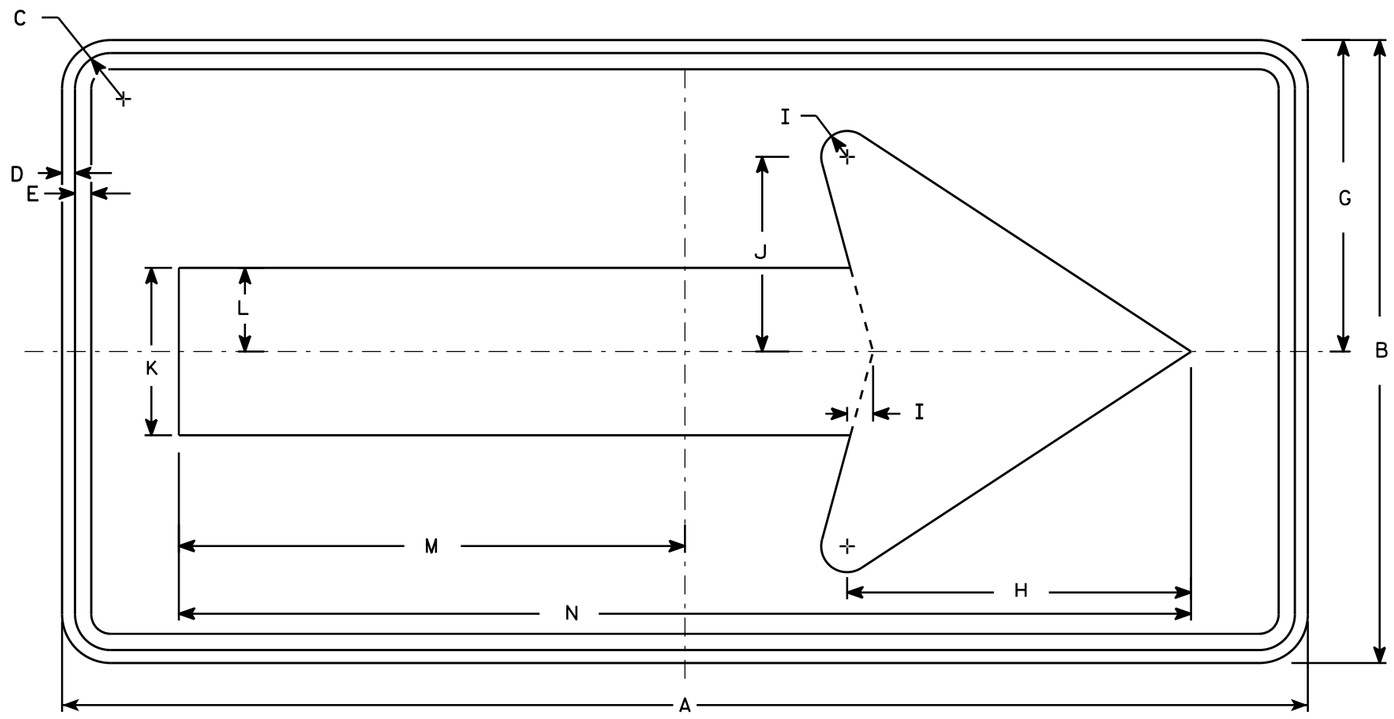
STANDARD SIGN
W25-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W25-2.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 545 | E



W01-6

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

STANDARD SIGN
W01-6

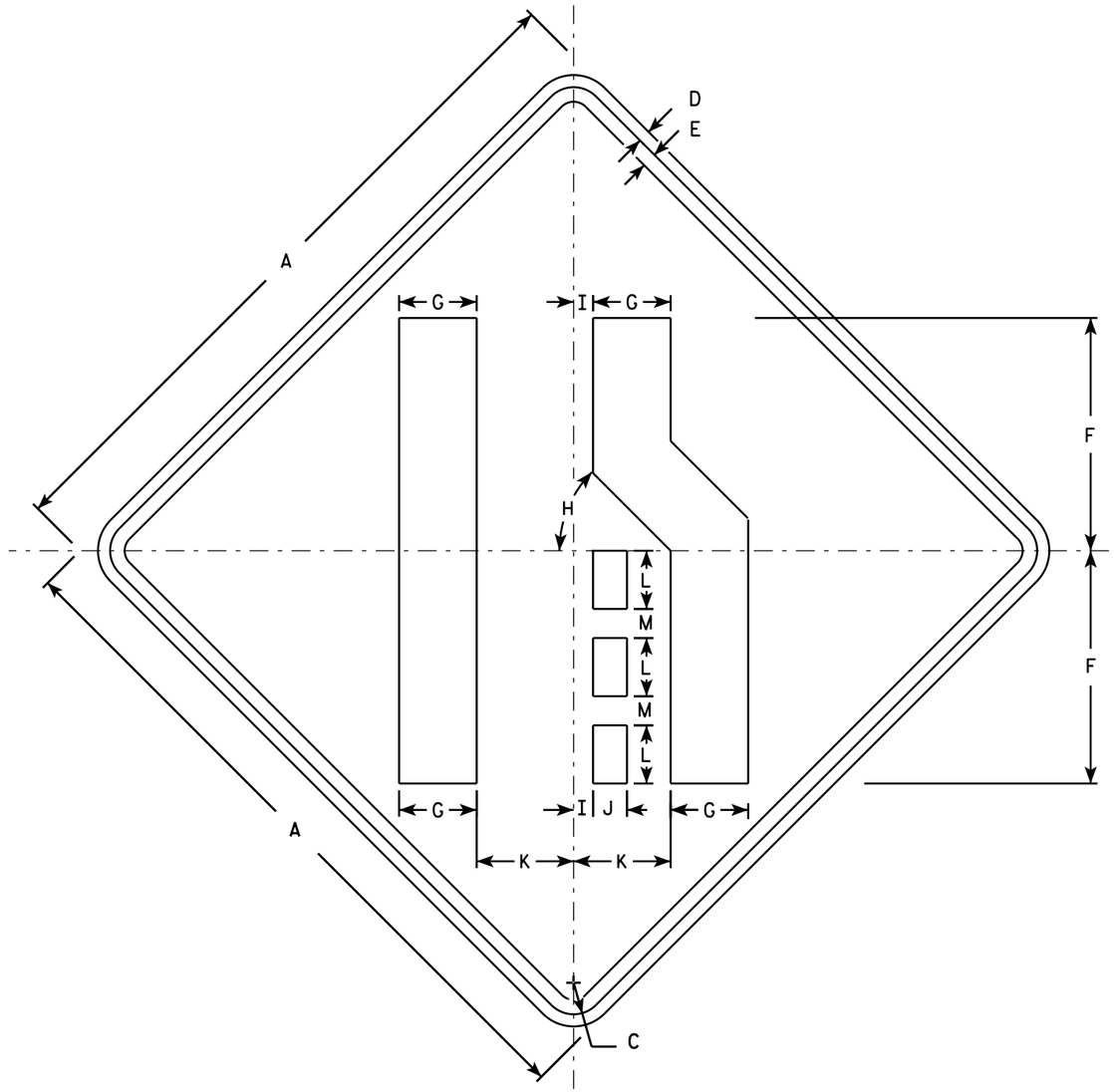
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO. W01-6.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN PLOT DATE : 28-FEB-2014 11:37 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 5.837526:1.000000 WISDOT/CADDS SHEET 42



W04-2R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-2L is the same as W04-2R except the symbol is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2S	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
2M	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
3	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
4	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W04-2

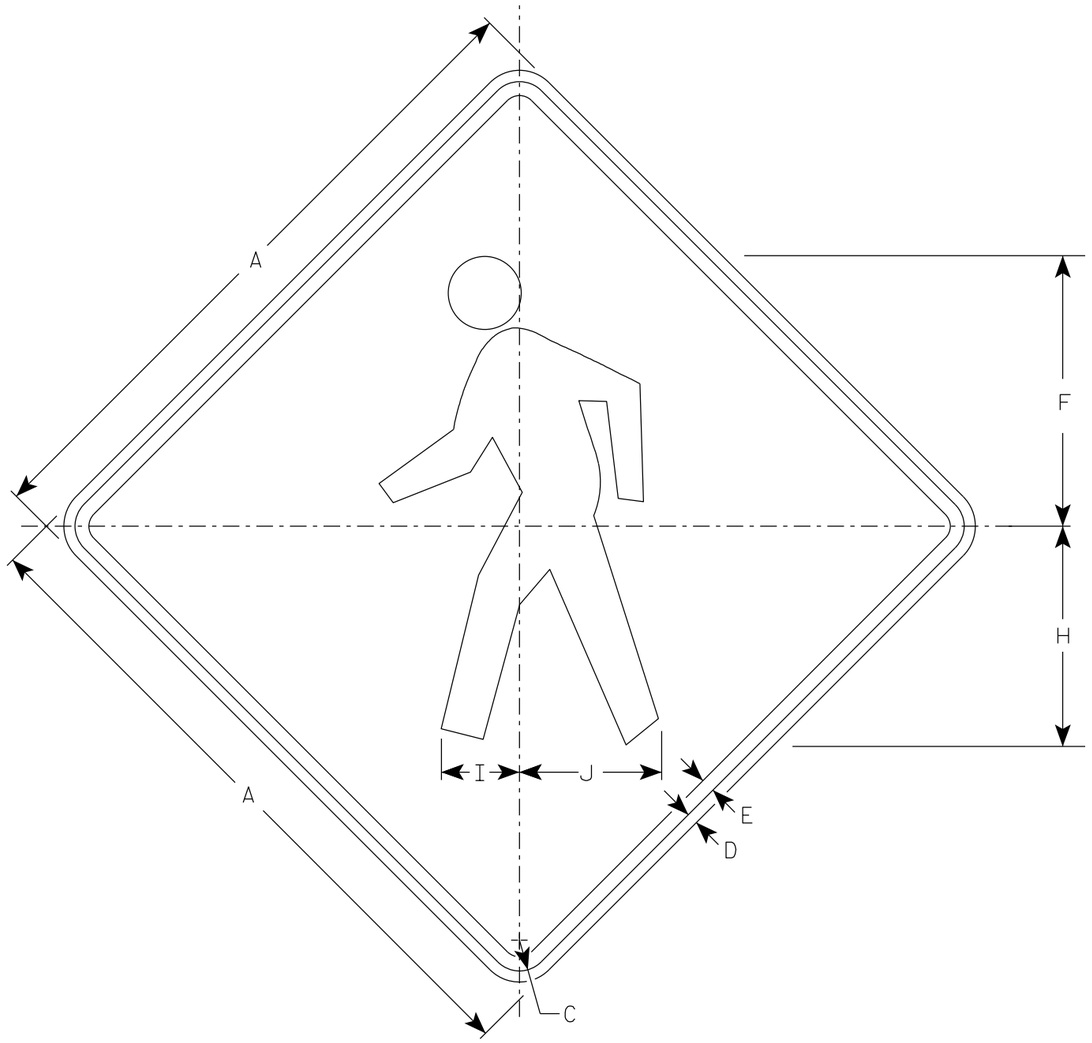
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE 547 W04-2.1

PROJECT NO:

SHEET NO: E



WO11-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
2S	48		2 1/4	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
2M	48		2 1/4	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
3	48		2 1/4	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
4	48		2 1/4	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

STANDARD SIGN

WO11-2

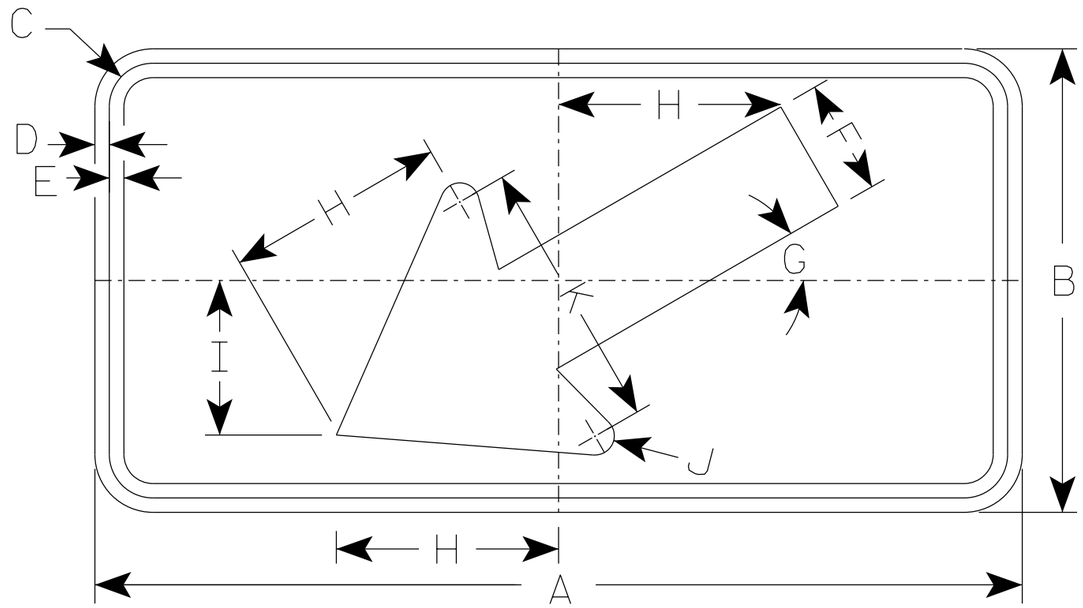
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

DATE 4/8/2020 PLATE NO. WO11-2.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 548	E



W016-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded but corners shall be rounded when base material is metal.
4. W016-7R is the same as W016-L except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/8	3/8	1/2	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
2S	48	24	1 3/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
2M	48	24	1 3/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
3	48	24	1 3/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
4	48	24	1 3/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
5	48	24	1 3/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0

STANDARD SIGN
W016-7

WISCONSIN DEPT OF TRANSPORTATION

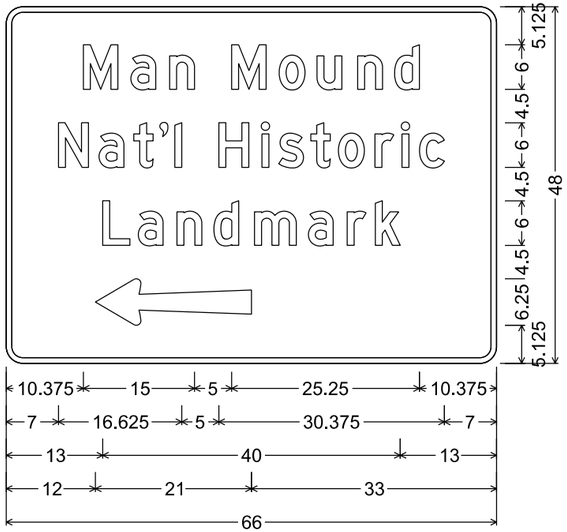
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/2021 PLATE NO. W016-7.2

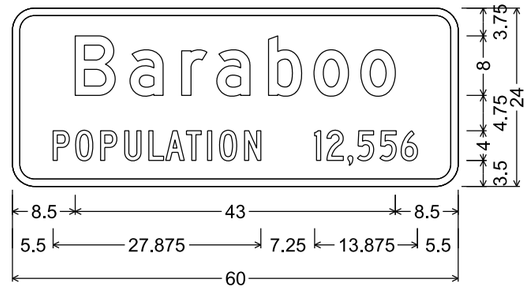
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 549	E

NOTES

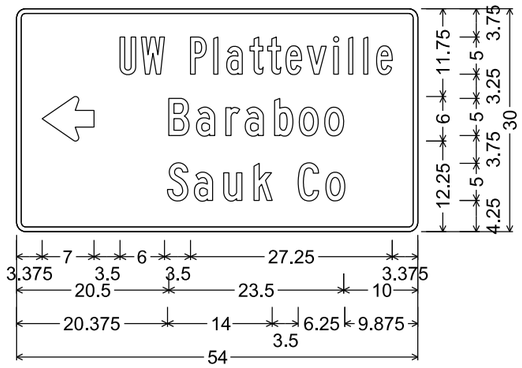
1. All Signs Type II - Type H Reflective
2. Color:
   Background - Green except as noted
   Message - White
3. Message Series - As noted



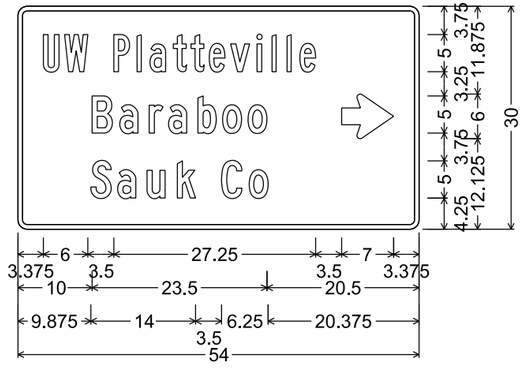
SP; 2.250" Radius, 0.750" Border, White on Brown;
"Man", D; "Mound", D; "Nat'l", D;
"Historic", D; "Landmark", D



I2-3; 3.000" Radius, 1.000" Border,
"Baraboo", D; "POPULATION", C; "12,556", C



D1-3; 1.250" Radius, 0.625" Border,
"UW", B; "Platteville", B; "Baraboo", C;
"Sauk", C; "Co", C



D1-3; 1.250" Radius, 0.625" Border,
"UW", B; "Platteville", B; "Baraboo", C;
"Sauk", C; "Co", C

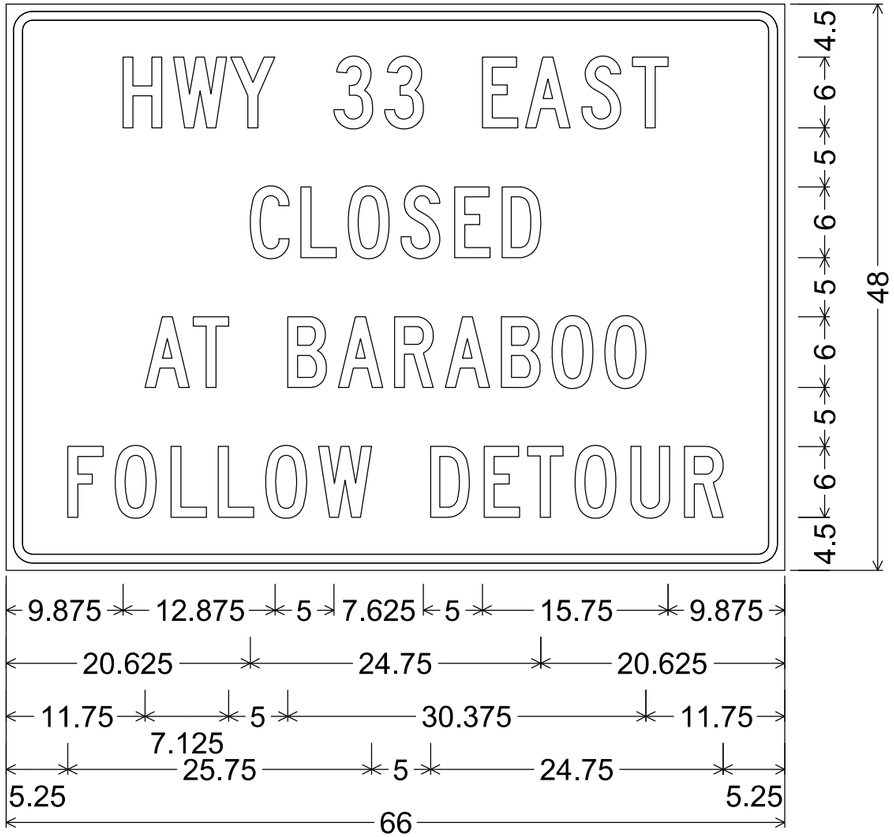
7

7

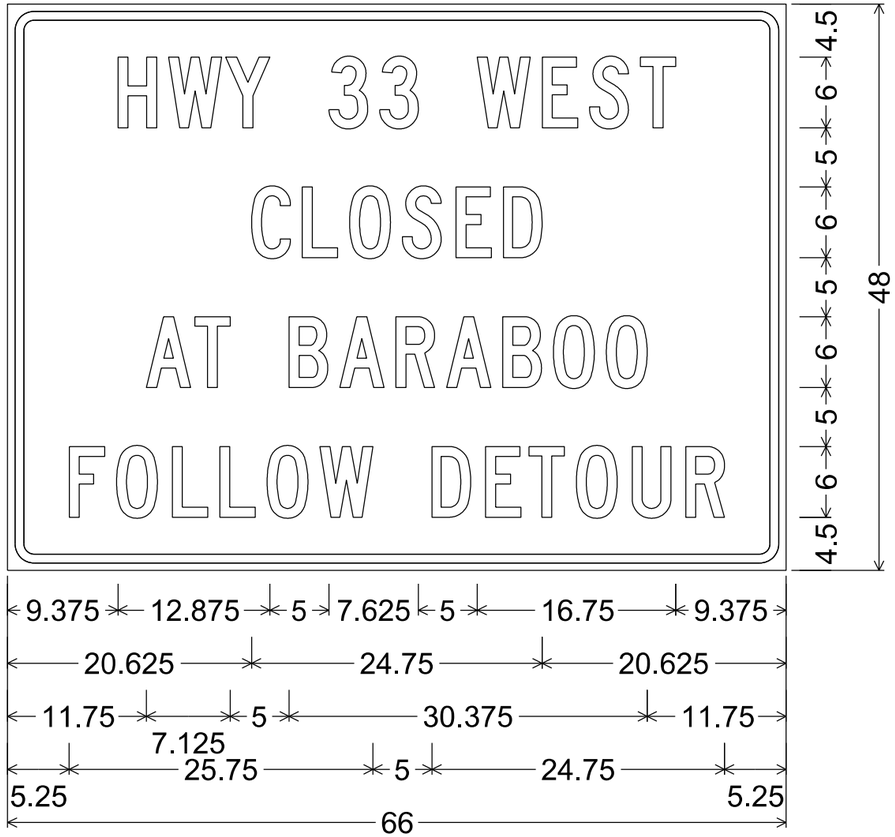
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	PERMANENT SIGNING	SHEET NO: 550	E

NOTES

1. Fixed Message Signs Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C



2.250" Radius, 0.750" Border, 0.625" Indent



2.250" Radius, 0.750" Border, 0.625" Indent

7

7

DESIGN DATA

CONTRACTOR DESIGNED OVERHEAD SIGN STRUCTURES SHALL BE DESIGNED ACCORDING TO THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 1ST EDITION AND INTERIM SPECIFICATIONS, AND THE WISDOT BRIDGE MANUAL.

STANDARD FOUNDATIONs DESIGNED ACCORDING TO THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION.

DEAD LOAD: WT. OF SIGN AND SUPPORTING STRUCTURE
ICE LOAD: 3 PSF TO ONE FACE OF SIGN & SURFACE OF MEMBERS
WIND PRESSURE: 115 MPH (3-SEC. GUST SPEED) TO SIGN AREA & EXPOSED MEMBERS (700 YEAR MEAN RECURRENCE INTERVAL)

WIND COMPONENTS	NORMAL	TRANSVERSE
LOAD CASE 1:	1.00	0.00
LOAD CASE 2:	0.00	1.00
LOAD CASE 3:	0.75	0.75

LOAD COMBINATIONS

STRENGTH I:	1.25 DC + 1.6 LL
EXTREME I (MAX DC):	1.1 DC + 1.0 W + 1.0 ICE
EXTREME I (MIN DC):	0.9 DC + 1.0 W
SERVICE I:	1.0 DC + 1.0 W
FATIGUE:	1.0 NW (NATURAL WIND GUST)
	1.0 TrG (TRUCK INDUCED GUST)
	1.0 GVW (GALLOPING - CANTILEVER ONLY)

MATERIAL PROPERTIES

CONCRETE MASONRY ——— f'_c = 3,500 PSI

HIGH STRENGTH STEEL REINFORCEMENT, GRADE 60 ——— f_y = 60,000 PSI

STRUCTURAL ANGLES, PLATES & BARS - ASTM A709 GRADE 36 ——— f_y = 36,000 PSI

HIGH STRENGTH BOLTS - ASTM A3125 GRADE A325 ——— f_y = 92,000 PSI

ANCHOR RODS - ASTM F1554 GRADE 55 ——— f_y = 55,000 PSI

HEAVY HEX NUTS - ASTM A563 GRADE DH OR ASTM A194 GRADE 2H

WASHERS - ASTM F436

DTI WASHERS - ASTM F959 TYPE 325

FOUNDATION DATA

SIGN STRUCTURE FOUNDATIONS ARE SUPPORTED ON DRILLED SHAFTS THAT HAVE BEEN DESIGN FOR SITES WHERE SOILS EXHIBIT A PHI-ANGLE GREATER THAN OR EQUAL TO 24° (GRANULAR SOILS), OR A COHESION VALUE GREATER THAN OR EQUAL TO 750 PSF (COHESIVE SOILS) AND A UNIT WEIGHT OF 125 PCF. THE GROUND WATER TABLE FOR DESIGN IS ASSUMED TO BE AT A DEPTH OF 10'-0" BELOW THE GROUND SURFACE, ACTUAL WATER LEVEL AT SITE MAY VARY. THE REGION GEOTECHNICAL ENGINEER SHALL VISUALLY INSPECT THE SUBSURFACE SOILS DURING THE DRILLING OF THE SHAFT HOLE TO CONFRIM THESE PROPERTIES PRIOR TO PLACEMENT OF THE DRILLED SHAFT CONCRETE.

TOTAL ESTIMATED QUANTITES

BID ITEM NO.	BID ITEM	UNIT	S-56-0030
531.2030	DRILLING SHAFT 30-INCH	LF	17
531.5110	FOUNDATION SINGLE-SHAFT TYPE MC-1	EA	1
532.5110	MONOTUBE CANTILEVER TYPE I	EA	1

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALTERNATE DESIGNS ARE NOT ALLOWED.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WISCRS), SAUK COUNTY ZONE, NAD 83 (2011). ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM NAVD 88 (2012).

ALL REINFORCING BARS ARE IN ENGLISH UNITS. THE FIRST DIGIT OF A THREE-DIGIT BAR MARK OR THE FIRST TWO DIGITS OF A FOUR-DIGIT BAR MARK SIGNIFIES THE BAR SIZE.

SIGN BRIDGE ID PLAQUES SHALL BE CONSIDERED INCIDENTAL TO THE TRUSS OR MONOTUBE BID ITEMS FOR EACH APPLICABLE SIGN STRUCTURE IN THE PLAN SET. LOCATE THE ID PLAQUE ON THE FREEWAY SIDE OF THE SUPPORT COLUMN SO THAT IT CAN BE SEEN FROM THE ROADWAY. FABRICATE AND INSTALL THE ID PLAQUE IN ACCORDANCE WITH S.D.D. 12 A4-3.

UNLESS DETAILED OTHERWISE IN THE PLANS, ALL H.S. BOLTED CONNECTIONS SHALL BE MADE WITH ¾" DIA. A325 GALVANIZED BOLTS. FIELD CONNECTIONS SHALL BE INSTALLED WITH DTI WASHERS.

WELDED CONNECTIONS CAN BE USED IN LIEU OF BOLTED CONNECTIONS, IF A TRUSS UNIT CAN BE GALVANIZED IN ONE PIECE.

WELD TEST AS PER AWS D1.1.

SEE SIGN PLATE NO. A4-6, A4-7A & A4-7B OF THE SIGN PLATE MANUAL FOR INSTRUCTIONS ON CENTERING SIGNS VERTICALLY ON THE TRUSS.

SIGNS OR BLANKS SHALL BE INSTALLED ON TRUSS AT TIME OF ERECTION. BLANKS SHALL BE ¼ THE LENGTH OF THE CANTILEVER SPAN, 2'-0" DEEPER THAN THE C/L TO C/L OF CHORDS, AND SHALL BE CENTERED ON THE BRIDGE. SIGNS SHALL BE AS DESIGNATED ON THE PLANS.

THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION OF THE TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PER THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS PRIOR TO FABRICATION OF THE STRUCTURE. CONTRACTOR SHALL SHOW SIGNS ON THE SHOP DRAWINGS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DRILLING OR EXCAVATING AND MAINTAINING A STABLE AND OPEN HOLE FOR SUBSEQUENT INSTALLATION OF CONCRETE MASONRY FOR THE DRILLED SHAFTS. PARTIAL OR FULL DEPTH TEMPORARY CASING MAY BE REQUIRED TO MAINTAIN THE STABILITY OF THE EXCAVATED HOLE FOR THE SIGN SUPPORT PRIOR TO FILLING THE HOLE WITH CONCRETE. PERMANENT CASING MADE FROM STEEL OR CORRUGATED METAL PIPE MAY BE USED IN LIEU OF TEMPORARY CASING. TEMPORARY/PERMANENT CASING, IF USED, SHALL BE INCIDENTAL TO THE BID ITEM "DRILLING SHAFT (DIA.)".

STRUCTURE DATA

STRUCTURE ID	SIGN AREA	SIGN DEPTH	FOUNDATION TYPE	TRUSS TYPE
S-56-0030	14 SF	4'-0"	TYPE MC-1	

LIST OF DRAWINGS:

1. GENERAL NOTES & DESIGN DATA
2. LAYOUT S-56-0030

LIST OF STANDARD DESIGN DRAWINGS

3. I. MONOTUBE & 2-CHORD TRUSS CONNECTIONS 1
4. II. MONOTUBE & 2-CHORD TRUSS CONNECTIONS 2
5. III. MONOTUBE & 2-CHORD TRUSS ELECTRICAL DETAILS
6. IV. MONOTUBE & 2-CHORD TRUSS FOUNDATIONS

STATE PROJECT NUMBER

5090-05-60

TRAFFIC VOLUME

A.D.T. (2021) = 12,500
R.D.S. = 30 MPH

STRUCTURE DESIGN CONTACTS:

AARON BONK 608-261-0261
CONSULTANT 608-241-6710

BRETT PETERSON, PE
PROJECT DESIGNER
ONEIDA ENGINEERING SOLUTIONS
5100 EASTPARK BOULEVARD, SUITE 300
MADISON, WI 53718
BPETERSON@OESCGROUP.COM

THESE ARE STANDARD DESIGN PLANS DEVELOPED AND MAINTAINED BY THE WISDOT. THE DESIGNER CERTIFIES THAT THE DESIGN AND PLAN DETAILS CHOSEN ARE CONSISTENT WITH THE GUIDANCE PROVIDED IN THE CURRENT WISDOT BRIDGE MANUAL CHAPTER 39.

WISCONSIN
BRETT A. PETERSON
44665-6
SUN PRAIRIE
WI
PROFESSIONAL ENGINEER
4/21/23

NO.	DATE	REVISION	BY

ONEIDA Engineering Solutions

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORATION

ACCEPTED SDR 05/05/23
CHIEF STRUCTURES DESIGN ENGINEER DATE

MONOTUBE & 2-CHORD

LOCATION DESCRIPTION

COUNTY	TOWN/CITY/VILLAGE
SAUK	VILLAGE OF WEST BARABOO

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATION

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
HLG	BAP	HLG	BAP

GENERAL NOTES & DESIGN DATA

SHEET 1 OF 1
552

SCALE = NTS

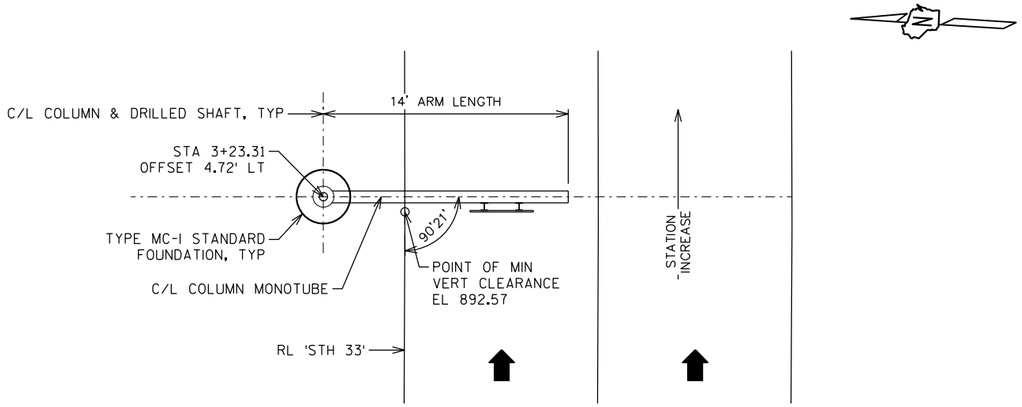
I.D. 5090-05-60 DATE: 05/01/2023

8

8

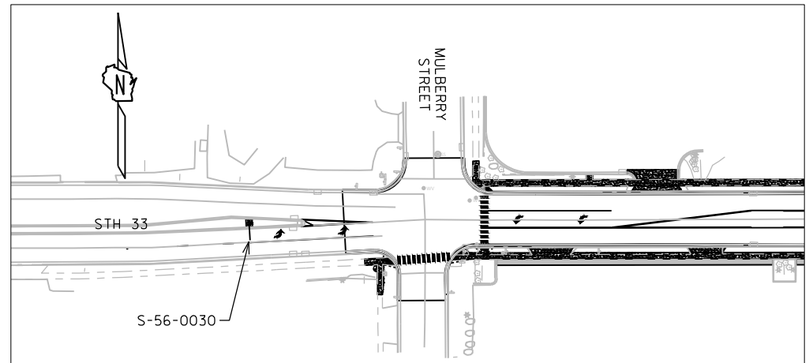
STATE PROJECT NUMBER

5090-05-60

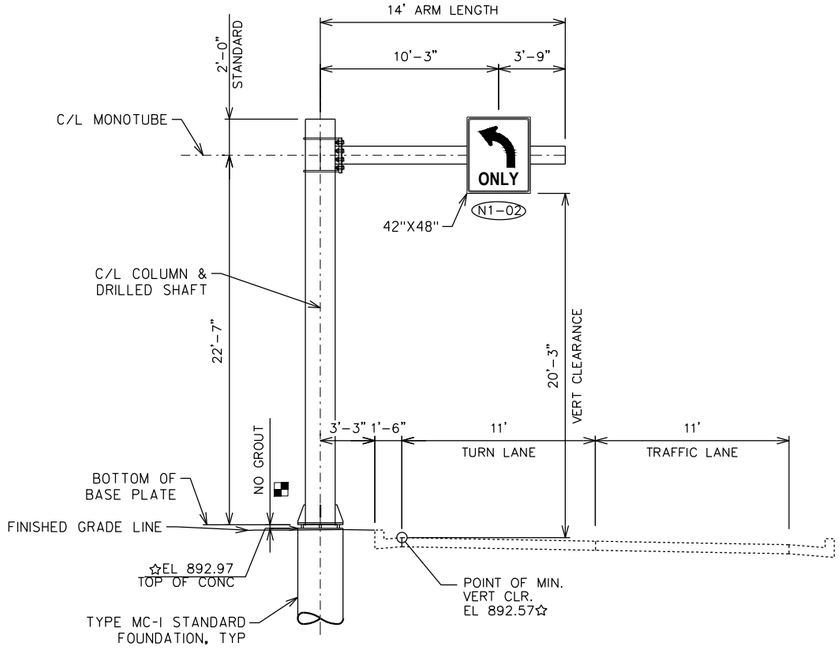


PLAN

LEFT TURN LANE EB STH 33 TO NB MULBERRY ST.



LOCATION MAP



ELEVATION

STA 3+23.31

(LOOKING UPSTATION AT FRONT OF SIGN)

LEFT TURN LANE EB STH 33 TO NB MULBERRY ST.

LEGEND

☆ ELEVATIONS GIVEN ALONG C/L STRUCTURE

(XXX) SIGN NUMBER, SEE PERMANENT SIGNING PLAN

■ STANDOFF DIMENSION IS ASSUMED TO BE 2½", BUT IS A MAX. OF 2 x ANCHOR ROD DIAMETER. SEE FOUNDATION DETAILS SHEET AND SHOP DRAWINGS FOR MORE INFORMATION.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE S-56-0030

DRAWN BY HLG | PLANS CK'D BAP

LAYOUT

SHEET 2 OF 2

553

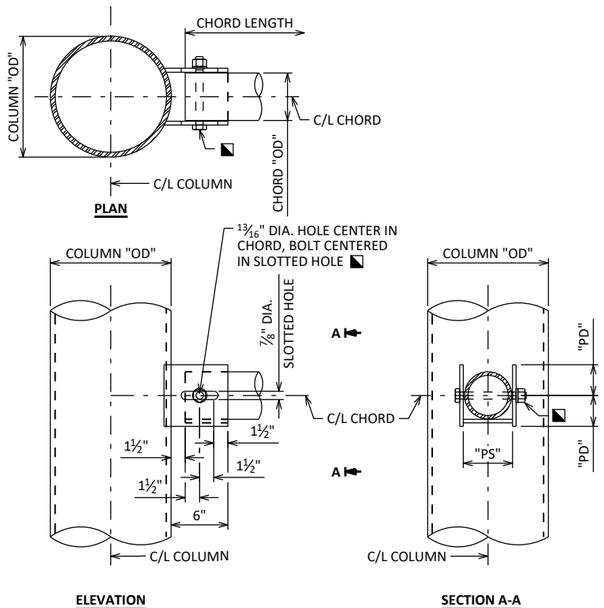
SCALE = NTS

8

8

STATE PROJECT NUMBER

STANDARD



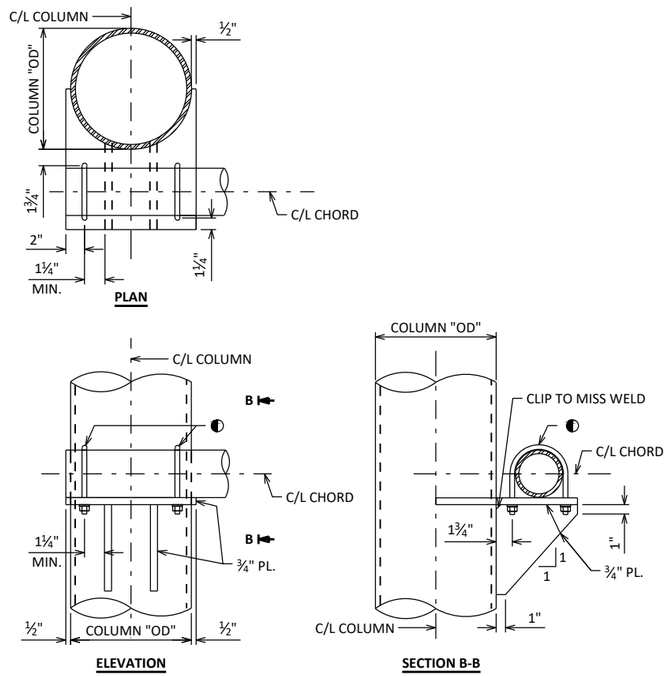
FULL SPAN SADDLE CONNECTION

PREFERRED OPTION

¾" GALVANIZED A325 OR A449 HEAVY HEX BOLT, NUT AND WASHER SNUG TIGHT ONLY, DO NOT OVER TIGHTEN

"PD" = CHORD "OD"/2 + ¾"

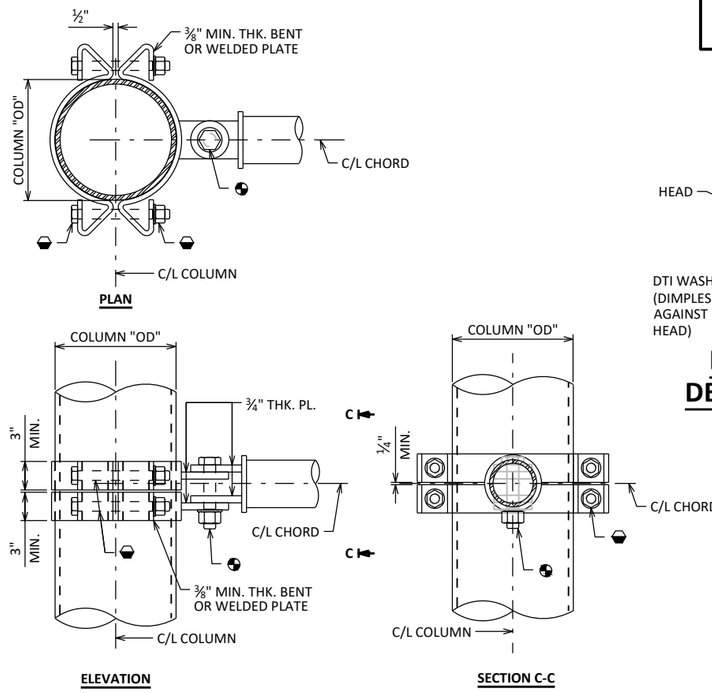
"PS" = CHORD "OD" + 1/16"



FULL SPAN STIFFENED BEARING CONNECTION

ALTERNATE 1

MIN. (2) ½" MIN. GALVANIZED OR STAINLESS U-BOLT, LOCK NUT AND WASHER

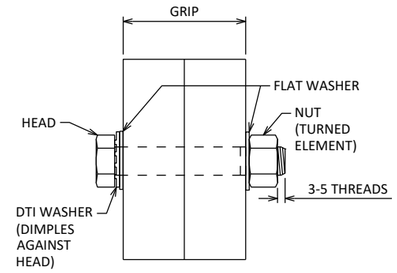


FULL SPAN CLAMP CONNECTION

ALTERNATE 2 - TAPERED COLUMNS ONLY

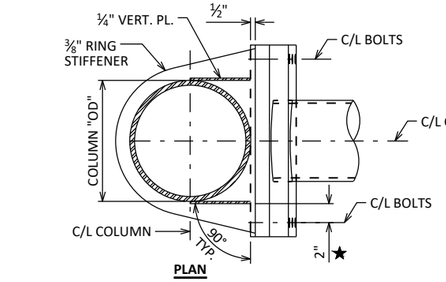
1¼" GALVANIZED A325 HEAVY HEX BOLT, NUT AND WASHER

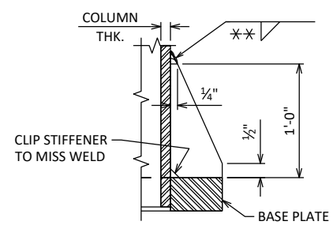
1" GALVANIZED A325 HEAVY HEX BOLT, NUT AND WASHER



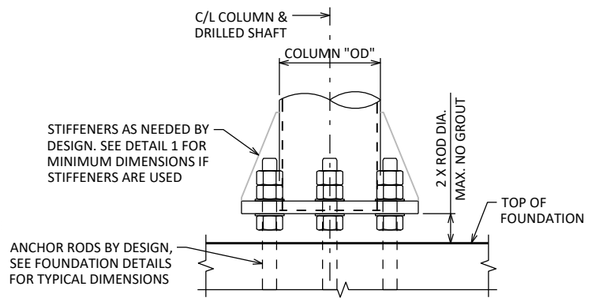
RECOMMENDED BOLT DETAIL WITH DTI WASHER

NUT IS TURNED ELEMENT





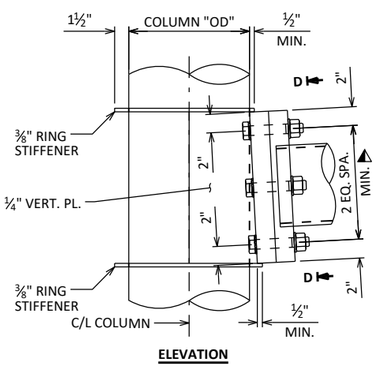
✳ SIZE AS NEEDED

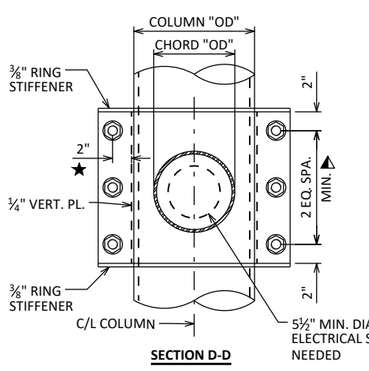


PREFERRED BASE PLATE CONNECTION

LOOKING AT F.F. OF STRUCTURE.

ALTERNATE BASE PLATE DESIGNS ALLOWED.



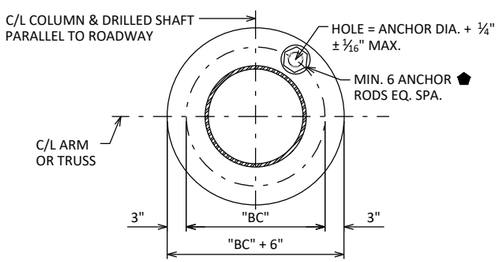


5½" MIN. DIA. HOLE WHEN ELECTRICAL SYSTEMS ARE NEEDED

CANTILEVER POST TO CHORD CONNECTION

MIN. (6) 1" GALVANIZED A325 HEAVY HEX BOLT, NUT, DTI WASHER AND WASHER

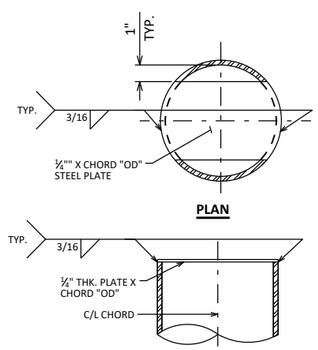
★ MIN. DIMENSIONS MEASURED FROM EXT. FACE OF VERTICAL PLATE.



BASE PLATE

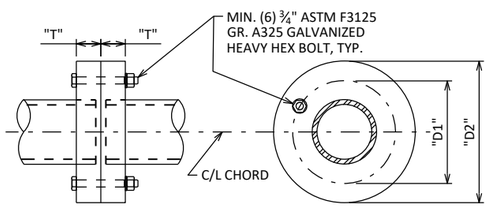
"BC" = COLUMN "OD" + 6"

⬟ ANCHOR SIZE AND ORIENTATION TO BE VERIFIED WITH SHOP DRAWINGS.



CHORD CAP DETAIL

CANTILEVERS ONLY



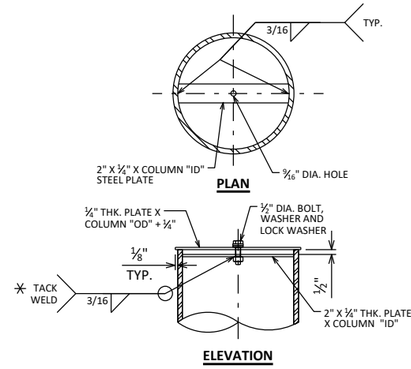
CHORD SPLICE DETAIL

"D1" = COLUMN "OD" + (1.5 x DB)

"D2" = COLUMN "OD" + (3 x DB)

"T" = (BY DESIGN)

DB = BOLT DIAMETER (BY DESIGN)



TOWER CAP DETAIL

✳ PLACE TACK WELD EVERY OTHER FLAT TO SECURE NUT. ALTERNATE: USE ½" THK. PL. AND DRILL AND TAP HOLE FOR BOLT.

NOTES:

MINIMUM VALUES SHOWN. ALL CONNECTIONS ARE TO BE DESIGNED FOR ACTUAL STRUCTURAL LOADS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: JAN. 2023

DRAWN BY: BOS | PLANS CK'D: BOS

MONOTUBE & 2-CHORD TRUSS CONNECTIONS 1

SHEET 1 — 554

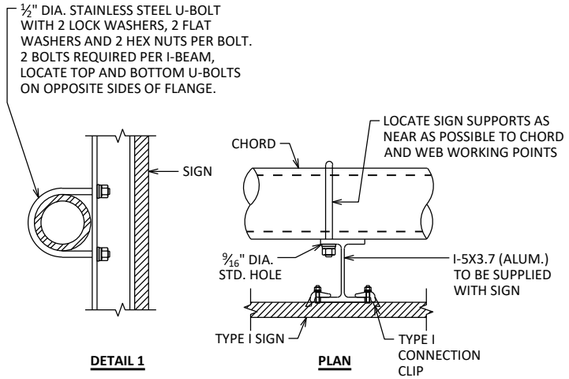
SCALE = 2.0

8

8

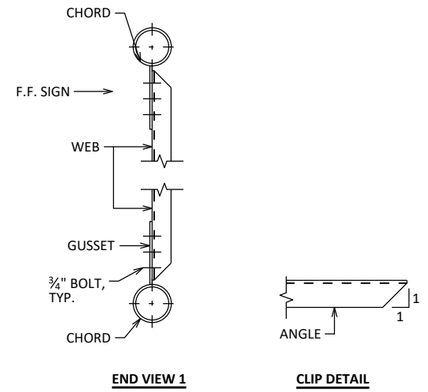
STATE PROJECT NUMBER

STANDARD



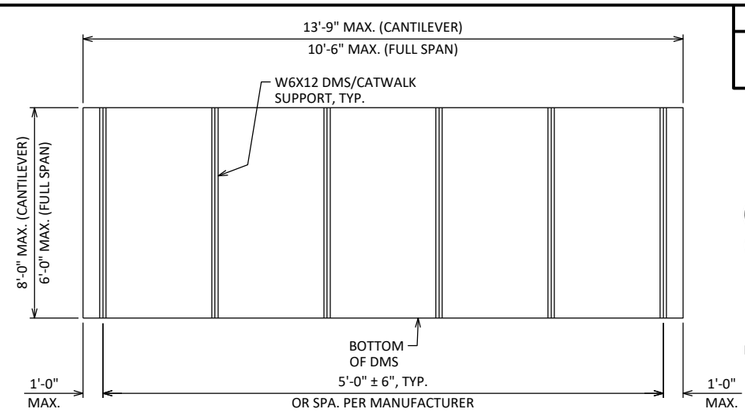
2-CHORD TRUSS SIGN CONNECTION

TYPE I SIGN PANEL SHOWN.
SEE SIGN PLATE MANUAL A4-7A AND A4-7BFOR DETAILS.
ALUMINUM I-5X3.7 I-BEAMS ARE TO BE SUPPLIED WITH SIGN PANEL, HARDWARE TO BE SUPPLIED BY THE CONTRACTOR.



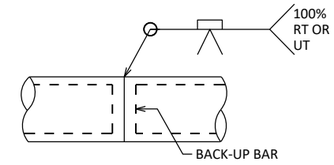
TRUSS CONNECTION DETAILS

MEMBER ORIENTATION FOR BOLTED CONNECTIONS SHOWN, WELDED CONNECTIONS SIMILAR



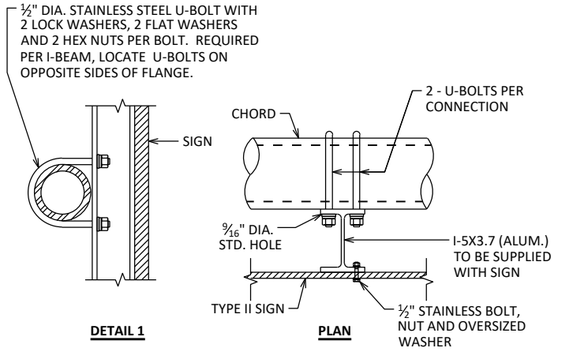
DMS MOUNTING POST DETAIL

POST SPACING MAY BE ADJUSTED AS REQUIRED IF SPACING CONFLICTS WITH GUSSET PLATES OF TRUSS WITHIN TOLERANCES NOTED.



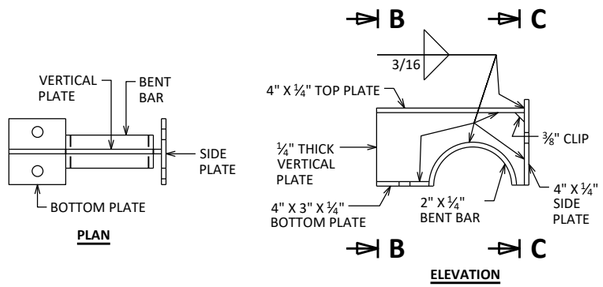
CHORD SPLICE

SEPARATE OPTIONAL SPLICE FROM GUSSET PLATES BY 6" MIN.



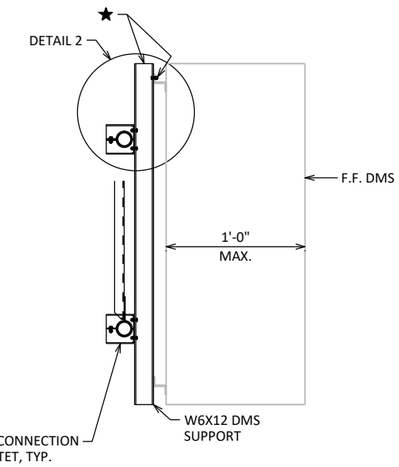
MONOTUBE SIGN CONNECTION

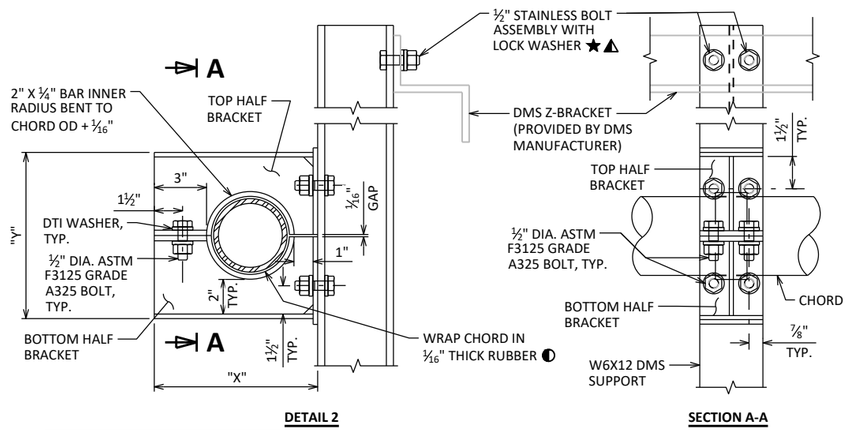
TYPE II SIGN PANEL SHOWN.
SEE SIGN PLATE MANUAL A4-7A AND A4-7B FOR DETAILS.
ALUMINUM I-5X3.7 I-BEAMS ARE TO BE SUPPLIED WITH SIGN PANEL, HARDWARE TO BE SUPPLIED BY THE CONTRACTOR.



DMS WELDED PLATE CONNECTION DETAILS

TOP HALF OF BRACKET SHOWN, BOTTOM HALF SIMILAR.





CHORD "OD"	"X"	"Y"
"OD"	"OD" + $4\frac{13}{16}$"	"OD" + $5\frac{5}{16}$"

SECTION THRU TRUSS - DMS

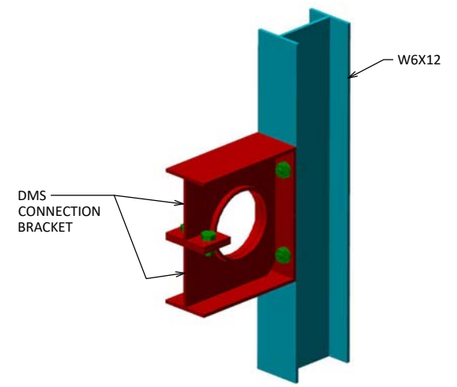
FOR DMS/CATWALK CONNECTIONS

★ W6X12 SUPPORTS AND HARDWARE ARE TO BE SUPPLIED BY THE CONTRACTOR. ½" STAINLESS BOLT, NUT, WASHER AND LOCK WASHER REQUIRED, 4 PER W6X12

TYPICAL DMS CONNECTION

◐ NEOPRENE, GRADE 45±5, OTHERWISE MEETING THE REQUIREMENTS OF STD. SPEC. 506.2.6.1

⚠ IF DMS CONNECTION BRACKET IS USED WITH A TYPE II SIGN PANEL, THE BOLT HOLE MUST BE GALVANIZED AND A STAINLESS WASHER USED BETWEEN THE I-BEAM AND SIGN PANEL.



3-D VIEW OF DMS CONNECTION

CHORD NOT SHOW FOR CLARITY

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: JAN. 2023

DRAWN BY: BOS | PLANS CK'D: BOS

MONOTUBE & 2-CHORD TRUSS CONNECTIONS 2

SHEET II
555

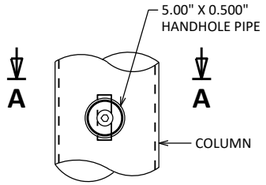
SCALE = 4.0

8

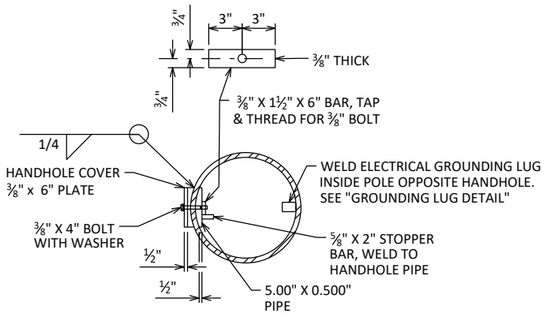
8

STATE PROJECT NUMBER

STANDARD



ELEVATION

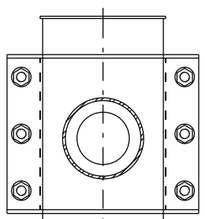


SECTION A-A

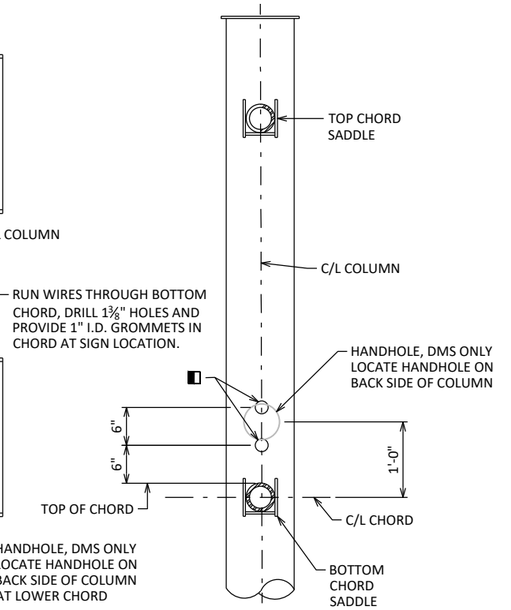
HANDHOLE DETAILS

HANDHOLES SHALL BE LOCATED IN ONE COLUMN OF THE SIGN BRIDGE STRUCTURE IF ELECTRICALLY OPERATED DEVICES ARE INSTALLED ON/IN THE STRUCTURE. COLUMNS WITH HANDHOLES SHALL BE NEAR THE ELECTRICAL SERVICE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE ELECTRICAL SERVICE ENTRANCE WITH THE REGION TRAFFIC SECTION PRIOR TO FABRICATION OF THE SIGN BRIDGE COLUMNS AND MEMBERS. CONDUIT (AS REQ'D.) SHALL BE LOCATED, PLACED AND SIZED AS SHOWN ON THE ELECTRICAL PLAN DETAIL SHEETS.

UNLESS OTHERWISE NOTED, ALL HANDHOLE ELEMENTS TO BE GALVANIZED PER THE WISDOT STANDARD SPECIFICATIONS.



2-CHORD CANTILEVER

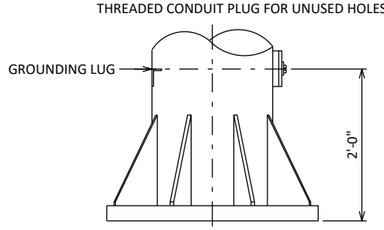


2-CHORD FULL SPAN

SADDLE CONNECTION SHOWN, OTHERS SIMILAR

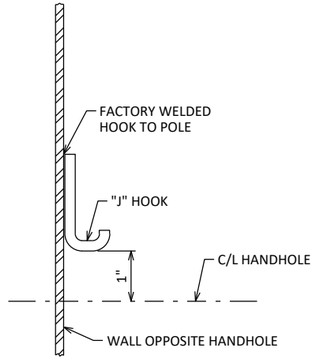
CONDUIT HOLE LOCATIONS

◧ 2" HOLE WITH STANDARD PIPE THREADS, USE THREADED CONDUIT PLUG FOR UNUSED HOLES



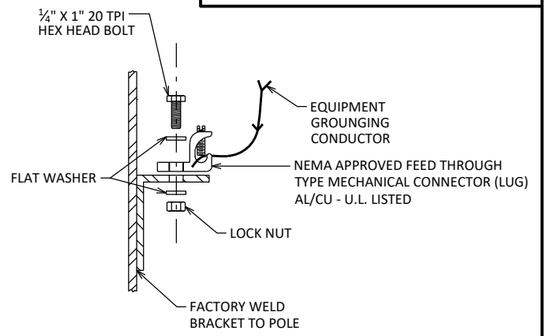
GROUNDING LUG LOCATION

LOOKING AT THE F.F. OF STRUCTURE



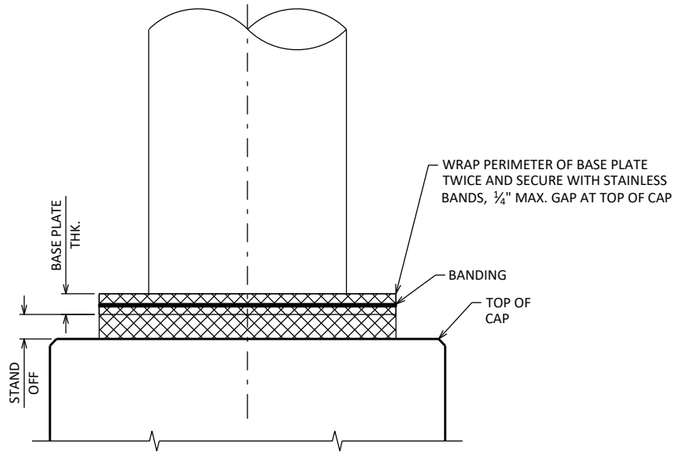
TYPICAL "J" HOOK LOCATION

THE "J" HOOK SHALL BE FACTORY WELDED TO THE INSIDE OF THE COLUMN CONTAINING ELECTRICAL WIRING. THE "J" HOOK SHALL BE ATTACHED ABOVE THE CENTERLINE OF THE UPPER HANDHOLE AND MOUNTED DIRECTLY OPPOSITE THE HANDHOLE AS SHOWN IN THE DRAWING.



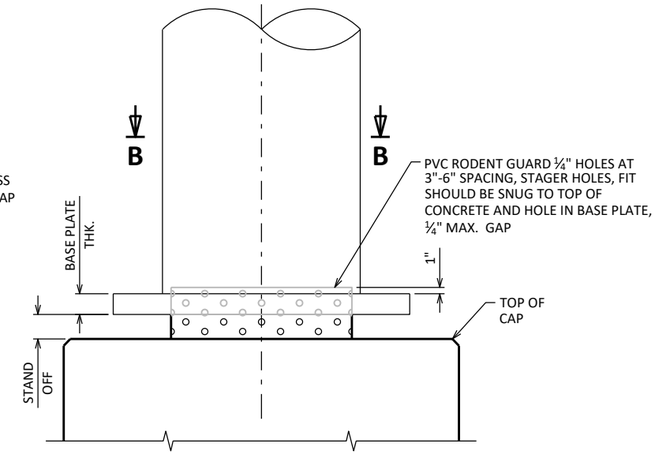
GROUNDING LUG DETAIL

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



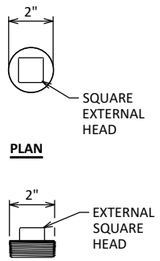
RODENT SCREEN

ONLY REQ'D WHEN ELECTRICAL DEVICES ARE PRESENT
ANCHOR RODS NOT SHOWN



RODENT SCREEN - ALTERNATE

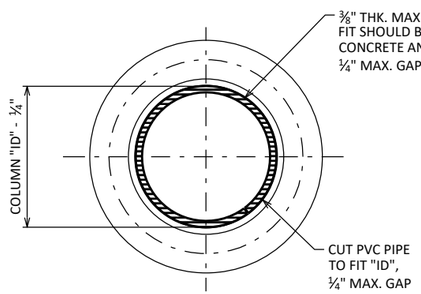
ONLY REQ'D WHEN ELECTRICAL DEVICES ARE PRESENT
ANCHOR RODS NOT SHOWN



PLAN

ELEVATION

CONDUIT PLUG DETAILS



SECTION B-B

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: JAN. 2023

DRAWN BY: BOS | PLANS CK'D: BOS

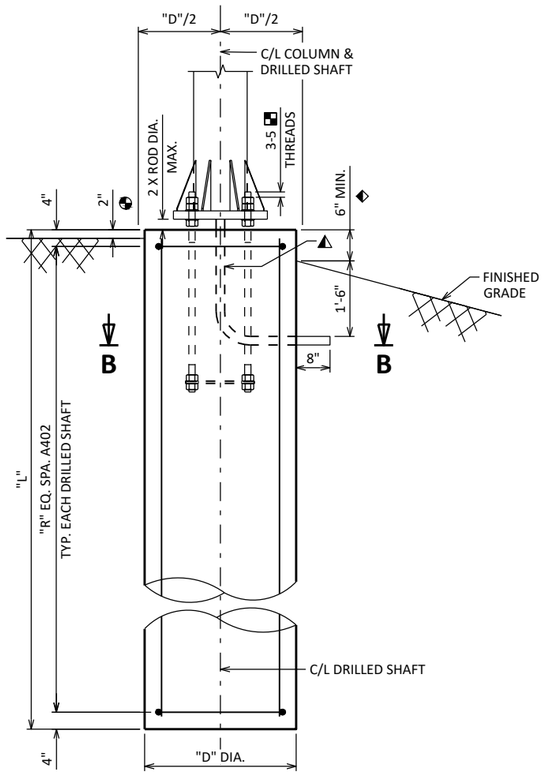
MONOTUBE & 2-CHORD TRUSS ELECTRICAL DETAILS

SHEET III
556

SCALE = 2.0

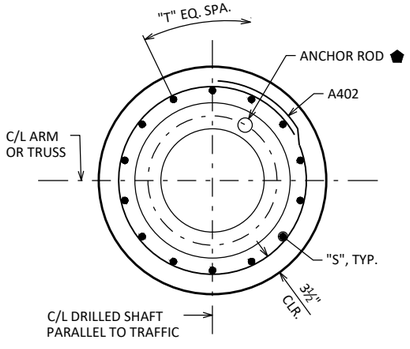
8

8



ELEVATION

- TYPICAL FOR DRILLED SHAFT FOOTINGS INSTALLED ADJACENT TO SIDEWALKS OR BEHIND CURB AND GUTTER ON LOW SPEED ROADS. TOP OF SHAFT SHALL BE FLUSH IF SURROUNDED BY CONCRETE AND 2" ABOVE FINISHED GRADE FOR ALL OTHER SURFACES.
- TYPICAL FOR EACH DRILLED SHAFT FOOTING INSTALLED ADJACENT TO ROADWAY FACILITIES OR ON SIDE SLOPES WITHIN CLEAR ZONE. BARRIER OR BEAMGUARD MAY BE REQUIRED.



SECTION B-B

TYPICAL FOR EACH DRILLED SHAFT FOOTING

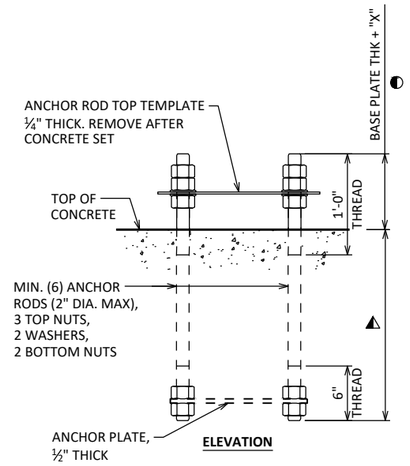
FOUNDATION DIMENSION DATA

STANDARD DESIGN TYPE	FOUNDATION DIMENSIONS					
	"D"	"L"	"R"	"S"	"T"	"BC" MAX.
MFI	2'-0"	12'-0"	12	A801	6	1'-0"
MFII	2'-6"	13'-0"	13	A801	10	1'-5"
MCI/MCII/TFI	2'-6"	17'-0"	17	A801	10	1'-5"
TCI	3'-0"	18'-0"	18	A801	14	1'-10"
TFII	3'-0"	20'-0"	20	A801	14	1'-10"
MCIII/TCII/TFIII	3'-6"	18'-0"	18	A901	14	2'-4"
MCIV/TFIV	3'-6"	23'-0"	23	A901	14	2'-4"
TCIII	4'-0"	23'-0"	23	A1001	14	2'-10"
TCIV	4'-0"	28'-0"	28	A1001	14	2'-10"

ESTIMATED QUANTITIES - FOUNDATION

STANDARD DESIGN TYPE	CONCRETE MASONRY	STEEL REINFORCEMENT HS	FOUNDATION DRILLING (DIA.) (LF)				
	(CY)	(LBS)	24"	30"	36"	42"	48
MFI	2	240	12	---	---	---	---
MFII	3	410	88	13	---	---	---
MCI/MCII/TFI	4	540	---	17	---	---	---
TCI	5	780	---	---	18	---	---
TFII	6	860	---	---	20	---	---
MCIII/TCII/TFIII	7	970	---	---	---	18	---
MCIV/TFIV	9	1,250	---	---	---	23	---
TCIII	11	1,560	---	---	---	---	23
TCIV	13	1,900	---	---	---	---	28

✶✶ QUANTITIES ARE FOR INFORMATION ONLY AND ARE BASED ON A SINGLE DRILLED SHAFT. MULTIPLY BY 2 FOR FULL SPAN STRUCTURES.



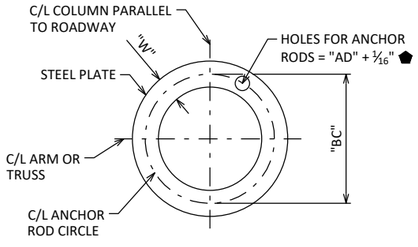
ANCHOR ROD ASSEMBLY DETAILS

ANCHOR RODS PER ASSEMBLY TO BE DESIGNED BY CONTRACTOR AND SHOWN ON SHOP DRAWINGS. SHOW DIAMETER, NUMBER, ORIENTATION AND EMBEDMENT OF ANCHOR RODS.

CENTER ANCHOR ROD ASSEMBLY AND ENSURE ASSEMBLY IS PLUMB. MAINTAIN ANCHOR ROD PROJECTION ABOVE TOP OF CONCRETE AS DETAILED. ANCHOR ROD ASSEMBLY SHALL BE RIGIDLY SECURED IN POSITION DURING AND AFTER CONCRETE PLACEMENT. DO NOT WELD THE ANCHORS.

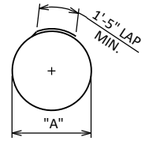
ANCHOR DIAMETER	MAX. STICK OUT ◐
	"X"
1"	5"
1¼"	6"
1½"	7"
1¾"	8"
2"	9"

◐ ADD BASE PLATE THICKNESS TO VALUE SHOWN FOR MAX. STICK OUT DIMENSION. CONTRACTOR TO COORDINATE WITH FABRICATOR FOR PROPER ANCHOR PLACEMENT.



ANCHOR PLATE & TOP TEMPLATE

⬟ ANCHOR SIZE AND POSITION TO BE VERIFIED WITH SHOP DRAWINGS.



A402

LEGEND

▪ ANCHOR ROD STICK OUT IN FINAL CONDITION. EXCESSIVE STICK OUT BEYOND DIMENSION SHOWN TO BE CUT OFF AFTER PLACING STRUCTURE. ANCHORS TO BE ULTRASONIC TESTED TO DETERMINE EMBEDDED LENGTH MEETS REQUIREMENTS PRIOR TO CUTTING. NOTE REMAINING LENGTH ON AS-BUILT.

◭ 2 - 2" DIA. NON-METALLIC CONDUITS. INSTALL ONLY WITH DMS. EXTEND CONDUITS AS SHOWN AND CAP OR SEAL EACH END WITH A SUITABLE REMOVABLE PLUG. PLACE CONDUITS UNDER COLUMN ADJACENT TO DMS. CONDUITS INCIDENTAL TO THE FOUNDATION BID ITEMS.

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

STATE PROJECT NUMBER

STANDARD

BILL OF BARS

STANDARD TYPE MFI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		6	11'-8"			DRILLED SHAFT - VERTICAL
A402		13	5'-10"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE MFII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		10	12'-8"			DRILLED SHAFT - VERTICAL
A402		14	9'-4"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCI/MCII/TFI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A901		10	16'-8"			DRILLED SHAFT - VERTICAL
A402		18	9'-4"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A901		14	17'-8"			DRILLED SHAFT - VERTICAL
A402		19	10'-10"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TFII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	19'-8"			DRILLED SHAFT - VERTICAL
A402		21	10'-10"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCIII/TCII/TFIII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	17'-8"			DRILLED SHAFT - VERTICAL
A402		19	12'-5"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCIV/TFIV

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	22'-8"			DRILLED SHAFT - VERTICAL
A402		24	12'-5"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCIII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	22'-8"			DRILLED SHAFT - VERTICAL
A402		24	14'-0"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCIV

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	27'-8"			DRILLED SHAFT - VERTICAL
A402		29	14'-0"	X		DRILLED SHAFT - HORIZONTAL

✶✶ VALUES IN BAR TABLES ARE FOR A SINGLE FOUNDATION ONLY. MULTIPLY BY 2 FOR FULL ✶✶ SPAN STRUCTURES.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: JAN. 2023

DRAWN BY BOS | PLANS CK'D BOS

MONOTUBE & 2-CHORD TRUSS FONDATIONS

SHEET IV
557

SCALE = 3.0

8

8

STH 33 - STAGE 1

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
129+00.00	125.54			0.42					
129+48.00	127.38	224.82	224.82	0.00	0.37	224.82	224.82	0.37	224.44
129+50.00	127.20	9.43	9.43	0.00	0.00	234.25	234.25	0.37	233.87
130+00.00	133.61	241.49	241.49	0.18	0.17	475.74	475.74	0.54	475.20
130+11.00	133.95	54.50	54.50	0.03	0.04	530.24	530.24	0.58	529.66
130+34.00	127.78	111.48	111.48	0.00	0.01	641.72	641.72	0.60	641.12
130+50.00	129.48	76.23	76.23	0.00	0.00	717.94	717.94	0.60	717.35
130+86.00	135.55	176.69	176.69	0.15	0.10	894.63	894.63	0.70	893.93
131+00.00	133.10	69.65	69.65	0.12	0.07	964.28	964.28	0.77	963.51
131+50.00	124.87	238.86	238.86	0.00	0.11	1203.14	1203.14	0.88	1202.26
132+00.00	118.56	225.40	225.40	0.34	0.31	1428.54	1428.54	1.19	1427.35
132+50.00	114.28	215.59	215.59	0.58	0.85	1644.13	1644.13	2.04	1642.09
133+00.00	96.87	195.51	195.51	0.27	0.79	1839.64	1839.64	2.83	1836.81
133+19.42	106.71	73.23	73.23	0.54	0.29	1912.87	1912.87	3.12	1909.75
133+50.00	113.40	124.63	124.63	0.00	0.31	2037.50	2037.50	3.43	2034.07
133+51.00	113.28	4.20	4.20	0.00	0.00	2041.70	2041.70	3.43	2038.27
134+00.00	122.55	213.99	213.99	0.90	0.82	2255.69	2255.69	4.24	2251.45
134+22.35	123.52	101.83	101.83	6.23	2.95	2357.52	2357.52	7.19	2350.33

TAFT AVE - STAGE 1

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
10+40.00 T	136.49			1.41					
10+50.00 T	117.01	46.94	46.94	0.99	0.44	46.94	46.94	0.44	46.50
10+60.00 T	107.63	41.60	41.60	0.43	0.26	88.54	88.54	0.71	87.84
10+70.00 T	99.09	38.28	38.28	0.19	0.11	126.83	126.83	0.82	126.00
10+80.00 T	94.77	35.90	35.90	0.17	0.07	162.73	162.73	0.89	161.84
10+90.00 T	88.93	34.02	34.02	0.41	0.11	196.74	196.74	1.00	195.75

STH 33 STAGE 2A

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
68+50.00	142.30			0.17					
69+00.00	141.82	263.07	263.07	0.00	0.16	263.07	263.07	0.16	262.92
69+50.00	144.10	264.74	264.74	0.02	0.02	527.81	527.81	0.18	527.64
70+00.00	142.98	265.81	265.81	0.00	0.02	793.63	793.63	0.19	793.44
70+50.00	147.14	268.63	268.63	0.00	0.00	1062.26	1062.26	0.19	1062.06
70+93.31	117.12	211.95	211.95	0.00	0.00	1274.21	1274.21	0.19	1274.01
71+00.00	116.79	28.98	28.98	0.00	0.00	1303.18	1303.18	0.19	1302.99
71+50.00	135.88	233.95	233.95	0.08	0.07	1537.14	1537.14	0.27	1536.87
72+00.00	133.38	249.31	249.31	0.20	0.26	1786.45	1786.45	0.53	1785.93
72+09.00	130.53	43.99	43.99	0.33	0.09	1830.44	1830.44	0.62	1829.82
72+50.00	122.75	192.31	192.31	0.92	0.95	2022.74	2022.74	1.57	2021.18
73+00.00	120.60	225.32	225.32	1.70	2.43	2248.07	2248.07	3.99	2244.08
73+50.00	114.21	217.42	217.42	1.63	3.08	2465.48	2465.48	7.07	2458.41
74+00.00	106.53	204.39	204.39	2.29	3.63	2669.87	2669.87	10.70	2659.17
74+50.00	105.41	196.24	196.24	2.41	4.35	2866.11	2866.11	15.06	2851.06
75+00.00	116.27	205.26	205.26	1.75	3.85	3071.37	3071.37	18.91	3052.46
75+50.00	99.90	200.16	200.16	0.00	1.62	3271.53	3271.53	20.53	3251.00
75+58.05	99.09	29.66	29.66	0.00	0.00	3301.19	3301.19	20.53	3280.67
76+00.00	111.69	163.74	163.74	1.15	0.89	3464.94	3464.94	21.42	3443.52
76+50.00	109.47	204.78	204.78	0.97	1.96	3669.72	3669.72	23.38	3646.33
77+00.00	116.86	209.56	209.56	0.67	1.52	3879.28	3879.28	24.90	3854.38
77+50.00	114.68	214.39	214.39	1.03	1.57	4093.67	4093.67	26.48	4067.19
78+00.00	109.53	207.60	207.60	0.75	1.65	4301.27	4301.27	28.13	4273.15
78+50.00	109.26	202.58	202.58	0.97	1.59	4503.86	4503.86	29.72	4474.14
79+00.00	112.33	205.18	205.18	0.76	1.60	4709.03	4709.03	31.32	4677.71
79+50.00	112.79	208.44	208.44	0.67	1.32	4917.48	4917.48	32.64	4884.83
80+00.00	94.25	191.70	191.70	0.00	0.62	5109.18	5109.18	33.26	5075.92
80+21.34	98.19	76.05	76.05	0.00	0.00	5185.23	5185.23	33.26	5151.97
80+50.00	100.18	105.28	105.28	0.00	0.00	5290.51	5290.51	33.26	5257.25
81+00.00	123.77	207.36	207.36	0.48	0.44	5497.87	5497.87	33.71	5464.17
81+50.00	123.32	228.79	228.79	0.19	0.62	5726.66	5726.66	34.33	5692.33
82+00.00	125.71	230.58	230.58	0.40	0.55	5957.24	5957.24	34.88	5922.37
82+50.00	126.98	233.97	233.97	0.33	0.68	6191.22	6191.22	35.55	6155.67
83+00.00	132.21	239.99	239.99	0.24	0.53	6431.21	6431.21	36.08	6395.13
83+50.00	131.30	243.99	243.99	0.00	0.22	6675.20	6675.20	36.30	6638.90
83+56.00	131.66	29.22	29.22	0.00	0.00	6704.42	6704.42	36.30	6668.11
83+96.00	132.91	195.98	195.98	0.12	0.09	6900.39	6900.39	36.39	6864.00
84+00.00	132.94	19.69	19.69	0.12	0.02	6920.09	6920.09	36.41	6883.68
84+50.00	115.70	230.22	230.22	0.00	0.11	7150.31	7150.31	36.52	7113.79
84+82.81	120.27	143.37	143.37	0.00	0.00	7293.68	7293.68	36.52	7257.16

9

9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EARTHWORK DATA	SHEET 558	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 01

PLOT DATE : 2/27/2023 4:47 PM PLOT BY : KEVIN JORDAN PLOT NAME : PLOT SCALE : 1" = 1'

STH 33 - STAGE 2A CONTINUED

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
85+00.00	120.86	76.76	76.76	0.00	0.00	7370.44	7370.44	36.52	7333.92
85+50.00	138.07	239.75	239.75	0.03	0.03	7610.19	7610.19	36.55	7573.64
86+00.00	142.87	260.13	260.13	0.03	0.06	7870.32	7870.32	36.60	7833.72
86+50.00	142.98	264.68	264.68	0.04	0.06	8135.00	8135.00	36.67	8098.33
86+68.00	146.90	96.63	96.63	0.08	0.04	8231.62	8231.62	36.71	8194.92
86+91.00	144.79	124.24	124.24	0.00	0.03	8355.86	8355.86	36.74	8319.12
87+00.00	139.73	47.42	47.42	0.00	0.00	8403.28	8403.28	36.74	8366.54
87+50.00	126.54	246.55	246.55	0.58	0.54	8649.83	8649.83	37.28	8612.55
87+57.00	127.50	32.93	32.93	0.19	0.10	8682.76	8682.76	37.38	8645.38
87+68.00	129.53	52.36	52.36	0.00	0.04	8735.12	8735.12	37.42	8697.70
88+00.00	125.24	150.97	150.97	0.31	0.18	8886.09	8886.09	37.60	8848.49
88+50.00	127.73	234.23	234.23	0.30	0.56	9120.32	9120.32	38.17	9082.16
88+93.00	127.00	202.84	202.84	0.00	0.24	9323.16	9323.16	38.40	9284.76
89+00.00	118.80	31.86	31.86	0.00	0.00	9355.03	9355.03	38.40	9316.62
89+10.25	104.80	42.44	42.44	0.00	0.00	9397.47	9397.47	38.40	9359.07
89+38.91	104.65	111.16	111.16	0.00	0.00	9508.63	9508.63	38.40	9470.23
89+50.00	114.38	44.98	44.98	0.00	0.00	9553.62	9553.62	38.40	9515.21
90+00.00	126.77	223.29	223.29	0.25	0.23	9776.90	9776.90	38.64	9738.27
109+25.00	134.89			0.09					
109+49.00	131.95	118.60	118.60	0.20	0.13	9895.50	9895.50	38.76	9856.73
109+50.00	131.90	4.89	4.89	0.20	0.01	9900.38	9900.38	38.77	9861.61
110+00.00	128.64	241.24	241.24	0.30	0.46	10141.63	10141.63	39.23	10102.39
110+50.00	133.73	242.94	242.94	0.13	0.40	10384.56	10384.56	39.63	10344.93
110+59.00	135.00	44.79	44.79	0.03	0.03	10429.35	10429.35	39.66	10389.69
111+00.00	135.60	205.46	205.46	0.28	0.24	10634.80	10634.80	39.90	10594.91
111+50.00	124.66	240.98	240.98	0.29	0.53	10875.79	10875.79	40.42	10835.36
111+68.00	123.24	82.63	82.63	0.33	0.21	10958.42	10958.42	40.63	10917.79
111+88.00	125.54	92.14	92.14	0.00	0.12	11050.56	11050.56	40.75	11009.81
112+00.00	124.67	55.60	55.60	0.00	0.00	11106.16	11106.16	40.75	11065.41
112+48.00	124.28	221.29	221.29	0.00	0.00	11327.45	11327.45	40.75	11286.70
112+50.00	124.56	9.22	9.22	0.00	0.00	11336.67	11336.67	40.75	11295.92
113+00.00	123.05	229.27	229.27	0.48	0.44	11565.94	11565.94	41.20	11524.74
113+38.00	124.78	174.40	174.40	0.00	0.34	11740.33	11740.33	41.53	11698.80
113+50.00	126.66	55.88	55.88	0.00	0.00	11796.21	11796.21	41.53	11754.68
113+52.00	126.72	9.38	9.38	0.00	0.00	11805.59	11805.59	41.53	11764.06
114+00.00	127.70	226.15	226.15	0.00	0.00	12031.75	12031.75	41.53	11990.21
114+07.00	127.53	33.09	33.09	0.00	0.00	12064.83	12064.83	41.53	12023.30
114+50.00	127.38	202.98	202.98	0.10	0.08	12267.81	12267.81	41.61	12226.20
114+77.00	132.91	130.15	130.15	0.00	0.05	12397.96	12397.96	41.66	12356.30
114+92.00	133.32	73.95	73.95	0.00	0.00	12471.91	12471.91	41.66	12430.25
115+00.00	180.99	46.56	46.56	0.00	0.00	12518.48	12518.48	41.66	12476.81
115+22.00	132.89	127.88	127.88	0.00	0.00	12646.35	12646.35	41.66	12604.69
115+50.00	135.19	139.00	139.00	0.00	0.00	12785.36	12785.36	41.66	12743.70
116+00.00	142.93	257.52	257.52	0.00	0.00	13042.88	13042.88	41.66	13001.21
116+50.00	113.63	237.56	237.56	0.00	0.00	13280.43	13280.43	41.66	13238.77
116+67.75	112.94	74.47	74.47	0.00	0.00	13354.91	13354.91	41.66	13313.24

STH 33 - STAGE 2A CONTINUED

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
117+00.00	106.24	130.90	130.90	0.00	0.00	13485.81	13485.81	41.66	13444.14
117+50.00	131.06	219.72	219.72	0.00	0.00	13705.53	13705.53	41.66	13663.86
117+87.00	129.72	178.68	178.68	0.15	0.10	13884.21	13884.21	41.77	13842.44
118+00.00	127.32	61.88	61.88	0.00	0.04	13946.09	13946.09	41.80	13904.29
118+11.00	131.13	52.65	52.65	0.01	0.00	13998.74	13998.74	41.80	13956.93
118+50.00	131.26	189.50	189.50	0.47	0.35	14188.24	14188.24	42.15	14146.09
118+89.00	134.58	192.00	192.00	0.00	0.34	14380.24	14380.24	42.49	14337.75
119+00.00	132.40	54.38	54.38	0.04	0.01	14434.62	14434.62	42.50	14392.12
119+22.00	135.59	109.18	109.18	0.12	0.07	14543.80	14543.80	42.56	14501.24
119+50.00	135.24	140.43	140.43	0.15	0.14	14684.23	14684.23	42.70	14641.53
119+83.00	137.25	166.52	166.52	0.02	0.10	14850.76	14850.76	42.81	14807.95
120+00.00	135.60	85.90	85.90	0.12	0.04	14936.65	14936.65	42.85	14893.80
120+50.00	136.30	251.76	251.76	0.24	0.33	15188.41	15188.41	43.19	15145.23
120+96.00	137.28	233.05	233.05	0.00	0.20	15421.46	15421.46	43.39	15378.07
121+00.00	137.37	20.34	20.34	0.00	0.00	15441.81	15441.81	43.39	15398.42
121+50.00	133.83	251.11	251.11	0.21	0.19	15692.92	15692.92	43.58	15649.33
122+00.00	132.82	246.90	246.90	0.38	0.55	15939.82	15939.82	44.13	15895.69
122+40.00	135.32	198.62	198.62	0.00	0.28	16138.44	16138.44	44.41	16094.03
122+50.00	135.25	50.11	50.11	0.00	0.00	16188.54	16188.54	44.41	16144.13
123+00.00	133.50	248.84	248.84	0.18	0.17	16437.39	16437.39	44.58	16392.81
123+50.00	139.64	252.91	252.91	0.00	0.17	16690.29	16690.29	44.75	16645.55
123+57.00	139.73	36.21	36.21	0.00	0.00	16726.51	16726.51	44.75	16681.76
124+00.00	135.56	219.21	219.21	0.00	0.00	16945.72	16945.72	44.75	16900.98
124+50.00	134.75	250.29	250.29	0.37	0.34	17196.01	17196.01	45.09	17150.92
125+00.00	133.22	248.12	248.12	0.23	0.56	17444.13	17444.13	45.64	17398.48
125+43.00	134.46	213.15	213.15	0.03	0.21	17657.28	17657.28	45.85	17611.43
125+50.00	133.46	34.73	34.73	0.00	0.00	17692.01	17692.01	45.85	17646.16
126+00.00	125.94	240.19	240.19	0.25	0.23	17932.20	17932.20	46.09	17886.11
126+50.00	110.13	218.58	218.58	0.00	0.23	18150.78	18150.78	46.32	18104.46
126+56.12	110.20	24.97	24.97	0.00	0.00	18175.75	18175.75	46.32	18129.43
127+00.00	147.34	209.28	209.28	0.00	0.00	18385.03	18385.03	46.32	18338.71
127+50.00	149.69	275.03	275.03	0.00	0.00	18660.05	18660.05	46.32	18613.74
127+83.00	147.95	181.89	181.89	0.00	0.00	18841.94	18841.94	46.32	18795.63
128+00.00	140.94	90.95	90.95	0.00	0.00	18932.89	18932.89	46.32	18886.57
128+50.00	130.71	251.53	251.53	0.26	0.24	19184.42	19184.42	46.56	19137.86
129+00.00	125.54	237.27	237.27	0.42	0.63	19421.69	19421.69	47.19	19374.50

OAK ST - STAGE 2A

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
9+23.00 O	54.91			0.18					
9+30.00 O	54.48	14.18	14.18	0.09	0.04	14.18	14.18	0.04	14.15
9+45.03 O	89.34	40.03	40.03	0.17	0.07	54.21	54.21	0.11	54.10
9+50.00 O	89.95	16.50	16.50	0.14	0.03	70.71	70.71	0.14	70.58
9+60.00 O	105.01	36.10	36.10	0.00	0.03	106.82	106.82	0.16	106.65
9+70.00 O	128.36	43.22	43.22	0.00	0.00	150.03	150.03	0.16	149.87
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 O	129.16			0.00					
10+40.00 O	103.13	43.02	43.02	0.00	0.00	193.05	193.05	0.16	192.89
10+50.00 O	92.93	36.31	36.31	0.00	0.00	229.36	229.36	0.16	229.19
10+60.00 O	95.69	34.93	34.93	0.00	0.00	264.29	264.29	0.16	264.12

ASH ST - STAGE 2A

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
8+63.00 A	51.09			0.59					
8+70.00 A	50.96	13.23	13.23	1.19	0.23	13.23	13.23	0.23	13.00
8+80.00 A	49.59	18.62	18.62	1.23	0.45	31.85	31.85	0.68	31.17
8+90.00 A	48.41	18.15	18.15	1.21	0.45	50.00	50.00	1.13	48.87
9+00.00 A	46.95	17.66	17.66	1.02	0.41	67.66	67.66	1.54	66.11
9+10.00 A	45.36	17.09	17.09	0.81	0.34	84.75	84.75	1.88	82.87
9+20.00 A	45.83	16.89	16.89	1.35	0.40	101.64	101.64	2.28	99.36
9+30.00 A	46.89	17.17	17.17	0.00	0.25	118.81	118.81	2.53	116.28
9+45.03 A	96.05	39.78	39.78	0.00	0.00	158.59	158.59	2.53	156.06
9+50.00 A	97.58	17.82	17.82	0.00	0.00	176.41	176.41	2.53	173.88
9+60.00 A	108.18	38.10	38.10	0.00	0.00	214.52	214.52	2.53	211.99
9+70.00 A	123.36	42.88	42.88	0.00	0.00	257.40	257.40	2.53	254.86
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 A	110.14			0.00					
10+40.00 A	100.07	38.93	38.93	0.00	0.00	296.32	296.32	2.53	293.79
10+50.00 A	91.08	35.40	35.40	0.05	0.01	331.72	331.72	2.54	329.18
10+55.00 A	91.06	16.86	16.86	0.02	0.01	348.59	348.59	2.55	346.04

EAST ST - STAGE 2A

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
9+45.03 E	92.45			0.26					
9+50.00 E	90.52	16.84	16.84	0.38	0.06	16.84	16.84	0.06	16.78
9+60.00 E	85.61	32.62	32.62	0.00	0.07	49.46	49.46	0.13	49.33
9+70.00 E	112.79	36.74	36.74	0.00	0.00	86.20	86.20	0.13	86.07
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 E	104.63			0.00					
10+40.00 E	89.85	36.01	36.01	0.00	0.00	122.21	122.21	0.13	122.08
10+50.00 E	89.22	33.16	33.16	0.18	0.03	155.37	155.37	0.16	155.21
10+55.00 E	91.26	16.71	16.71	0.00	0.02	172.08	172.08	0.18	171.91
10+70.00 E	95.96	52.01	52.01	0.00	0.00	224.09	224.09	0.18	223.91

WARREN AVE - STAGE 2A

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
10+30.00 WA	110.85			0.00					
10+40.00 WA	89.87	37.17	37.17	0.00	0.00	37.17	37.17	0.00	37.17
10+50.00 WA	89.20	33.16	33.16	0.07	0.01	70.33	70.33	0.01	70.32
10+55.00 WA	91.27	16.71	16.71	0.00	0.01	87.04	87.04	0.02	87.02

BARKER ST - STAGE 2A

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
9+45.20 BA	91.67			0.67					
9+50.00 BA	90.10	16.16	16.16	0.40	0.10	16.16	16.16	0.10	16.06
9+60.00 BA	94.34	34.16	34.16	0.00	0.07	50.31	50.31	0.17	50.14
9+70.00 BA	124.35	40.50	40.50	0.00	0.00	90.81	90.81	0.17	90.64
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 BA	121.34			0.00					
10+40.00 BA	101.16	41.20	41.20	0.00	0.00	132.01	132.01	0.17	131.85
10+50.00 BA	93.10	35.97	35.97	0.07	0.01	167.99	167.99	0.18	167.81
10+55.00 BA	93.11	17.24	17.24	0.06	0.01	185.23	185.23	0.19	185.04

WASHINGTON AVE - STAGE 2A

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
9+30.00 W	0.00			0.00					
9+40.00 W	94.47	17.49	17.49	0.46	0.09	17.49	17.49	0.09	17.41
9+52.30 W	95.72	43.32	43.32	0.00	0.10	60.82	60.82	0.19	60.63
9+60.00 W	99.51	27.84	27.84	0.00	0.00	88.65	88.65	0.19	88.46
9+70.00 W	124.45	41.47	41.47	0.00	0.00	130.13	130.13	0.19	129.94
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 W	121.28			0.00					
10+40.00 W	108.63	42.58	42.58	0.00	0.00	172.70	172.70	0.19	172.51
10+50.00 W	93.45	37.42	37.42	0.00	0.00	210.13	210.13	0.19	209.94
10+55.00 W	91.31	17.11	17.11	0.00	0.00	227.23	227.23	0.19	227.04

LINCOLN AVE - STAGE 2A

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
9+45.30 L	119.98			0.10					
9+50.00 L	121.23	20.99	20.99	0.03	0.01	20.99	20.99	0.01	20.98
9+60.00 L	137.40	47.89	47.89	0.00	0.01	68.89	68.89	0.02	68.87
9+70.00 L	162.92	55.61	55.61	0.30	0.06	124.50	124.50	0.07	124.43
9+80.00 L	424.63	108.81	108.81	0.00	0.06	233.31	233.31	0.13	233.18
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 L	113.51			0.00					
10+40.00 L	101.37	39.79	39.79	0.00	0.00	273.10	273.10	0.13	272.97
10+50.00 L	98.27	36.97	36.97	0.00	0.00	310.07	310.07	0.13	309.94
10+60.00 L	96.6	36.09	36.09	0.03	0.01	346.16	346.16	0.13	346.03
10+70.00 L	92.08	34.94	34.94	0.12	0.03	381.10	381.10	0.16	380.94
10+80.00 L	52.46	26.77	26.77	0.27	0.07	407.87	407.87	0.23	407.63

STH 33 - STAGE 2B

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
90+00.00	126.77			0.25					
90+50.00	125.97	234.02	234.02	0.28	0.49	234.02	234.02	0.49	233.53
91+00.00	125.06	232.44	232.44	0.26	0.50	466.45	466.45	0.99	465.46
91+50.00	121.75	228.53	228.53	0.00	0.24	694.98	694.98	1.23	693.75
91+99.00	124.93	223.84	223.84	0.63	0.57	918.82	918.82	1.80	917.02
92+00.00	124.97	4.63	4.63	0.62	0.02	923.45	923.45	1.83	921.62
92+21.00	128.43	98.54	98.54	0.00	0.24	1021.99	1021.99	2.07	1019.93
92+50.00	122.56	134.79	134.79	0.49	0.26	1156.78	1156.78	2.33	1154.45
93+00.00	116.10	220.98	220.98	0.19	0.63	1377.77	1377.77	2.96	1374.81
93+36.96	95.07	144.53	144.53	0.00	0.13	1522.30	1522.30	3.09	1519.21
93+50.00	91.90	45.15	45.15	0.00	0.00	1567.45	1567.45	3.09	1564.36
94+00.00	132.01	207.32	207.32	0.02	0.02	1774.77	1774.77	3.11	1771.66
94+27.00	133.72	132.87	132.87	0.00	0.01	1907.64	1907.64	3.12	1904.52
94+50.00	132.24	113.28	113.28	0.00	0.00	2020.92	2020.92	3.12	2017.80
94+63.00	133.78	64.04	64.04	0.04	0.01	2084.96	2084.96	3.13	2081.83
94+83.00	135.30	99.66	99.66	0.00	0.01	2184.62	2184.62	3.14	2181.48
94+98.00	128.50	73.28	73.28	0.08	0.02	2257.90	2257.90	3.17	2254.73
95+00.00	128.18	9.51	9.51	0.15	0.01	2267.40	2267.40	3.17	2264.23
95+48.00	124.76	224.84	224.84	0.00	0.13	2492.24	2492.24	3.31	2488.93
95+50.00	124.68	9.24	9.24	0.00	0.00	2501.48	2501.48	3.31	2498.17
95+53.00	124.91	13.87	13.87	0.00	0.00	2515.34	2515.34	3.31	2512.04
96+00.00	123.04	215.81	215.81	0.52	0.45	2731.15	2731.15	3.76	2727.39
96+50.00	111.56	217.22	217.22	0.00	0.48	2948.37	2948.37	4.24	2944.13
96+61.00	110.86	45.31	45.31	0.27	0.06	2993.68	2993.68	4.30	2989.39
96+83.32	111.29	91.82	91.82	0.01	0.12	3085.50	3085.50	4.41	3081.09
97+00.00	109.70	68.26	68.26	0.05	0.02	3153.77	3153.77	4.43	3149.33
97+50.00	121.87	214.42	214.42	0.19	0.22	3368.18	3368.18	4.65	3363.53
98+00.00	122.36	226.14	226.14	0.84	0.95	3594.32	3594.32	5.61	3588.71
98+50.00	126.22	230.17	230.17	0.35	1.10	3824.49	3824.49	6.71	3817.78
98+60.00	125.89	46.69	46.69	0.36	0.13	3871.17	3871.17	6.84	3864.33
99+00.00	124.02	185.12	185.12	0.20	0.41	4056.29	4056.29	7.25	4049.04
99+49.00	124.99	225.95	225.95	0.33	0.48	4282.25	4282.25	7.74	4274.51
99+50.00	124.88	4.63	4.63	0.33	0.01	4286.87	4286.87	7.75	4279.13
99+79.00	121.85	132.50	132.50	0.59	0.49	4419.38	4419.38	8.24	4411.13
100+00.00	108.62	89.63	89.63	0.10	0.27	4509.00	4509.00	8.51	4500.49
100+22.27	110.52	90.37	90.37	0.16	0.11	4599.38	4599.38	8.62	4590.76
100+50.00	105.85	111.11	111.11	0.00	0.08	4710.49	4710.49	8.70	4701.79
100+79.60	105.32	115.75	115.75	0.37	0.20	4826.24	4826.24	8.90	4817.34
101+00.00	103.81	79.00	79.00	0.30	0.25	4905.25	4905.25	9.16	4896.09
101+50.00	116.26	203.77	203.77	1.21	1.40	5109.01	5109.01	10.55	5098.46
101+72.00	118.10	95.48	95.48	0.43	0.67	5204.49	5204.49	11.22	5193.27
102+00.00	116.16	121.47	121.47	0.67	0.57	5325.96	5325.96	11.79	5314.17
102+50.00	121.04	219.63	219.63	0.47	1.06	5545.59	5545.59	12.85	5532.74
103+00.00	122.16	225.19	225.19	0.82	1.19	5770.78	5770.78	14.04	5756.74
103+50.00	121.91	225.99	225.99	0.42	1.15	5996.77	5996.77	15.19	5981.58
104+00.00	121.03	224.94	224.94	0.44	0.80	6221.71	6221.71	15.99	6205.73
104+50.00	122.51	225.50	225.50	0.15	0.55	6447.21	6447.21	16.53	6430.68
104+77.00	127.64	125.08	125.08	0.40	0.28	6572.29	6572.29	16.81	6555.48

STH 33 - STAGE 2B CONTINUED

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
105+00.00	131.04	110.18	110.18	0.25	0.28	6682.47	6682.47	17.08	6665.38
105+14.00	129.94	67.66	67.66	0.22	0.12	6750.13	6750.13	17.21	6732.92
105+50.00	131.95	174.59	174.59	0.28	0.33	6924.72	6924.72	17.54	6907.18
105+62.00	131.16	58.47	58.47	0.23	0.11	6983.19	6983.19	17.65	6965.54
106+00.00	128.70	182.86	182.86	0.00	0.16	7166.05	7166.05	17.82	7148.24
106+33.00	129.26	157.64	157.64	0.00	0.00	7323.70	7323.70	17.82	7305.88
106+50.00	126.36	80.47	80.47	0.06	0.02	7404.17	7404.17	17.83	7386.34
106+76.00	129.39	123.14	123.14	0.31	0.18	7527.31	7527.31	18.01	7509.30
107+00.00	132.65	116.46	116.46	0.19	0.22	7643.77	7643.77	18.23	7625.54
107+50.00	116.72	230.90	230.90	0.08	0.25	7874.67	7874.67	18.48	7856.18
107+65.50	115.41	66.63	66.63	0.04	0.03	7941.30	7941.30	18.52	7922.78
108+00.00	118.60	149.51	149.51	0.00	0.03	8090.81	8090.81	18.54	8072.26
108+16.36	123.12	73.23	73.23	0.00	0.00	8164.04	8164.04	18.54	8145.49
108+50.00	123.41	153.58	153.58	0.00	0.00	8317.62	8317.62	18.54	8299.07
109+00.00	134.89	239.17	239.17	0.09	0.08	8556.78	8556.78	18.63	8538.16

ELIZABETH ST - STAGE 2B

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
9+40.00 EL	106.86			0.08					
9+55.30 EL	105.26	60.10	60.10	0.34	0.12	60.10	60.10	0.12	59.98
9+60.00 EL	106.31	18.41	18.41	0.00	0.03	78.52	78.52	0.15	78.37
9+70.00 EL	117.59	41.46	41.46	0.00	0.00	119.98	119.98	0.15	119.83
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 EL	104.89			0.00					
10+40.00 EL	91.84	36.43	36.43	0.00	0.00	156.41	156.41	0.15	156.26
10+50.00 EL	95.28	34.65	34.65	0.00	0.00	191.06	191.06	0.15	190.91
10+60.00 EL	95.97	35.42	35.42	0.00	0.00	226.48	226.48	0.15	226.33

CAMP ST - STAGE 2B

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
9+25.01 CA	48.21			0.02					
9+30.00 CA	49.39	9.02	9.02	0.04	0.01	9.02	9.02	0.01	9.01
9+45.00 CA	90.26	38.79	38.79	0.00	0.01	47.81	47.81	0.02	47.79
9+50.00 CA	92.21	16.90	16.90	0.00	0.00	64.71	64.71	0.02	64.69
9+60.00 CA	103.47	36.24	36.24	0.00	0.00	100.94	100.94	0.02	100.93
9+70.00 CA	119.33	41.26	41.26	0.00	0.00	142.20	142.20	0.02	142.19

TUTTLE ST - STAGE 2B

STATION	AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
10+30.00 TU	80.01			0.00					
10+40.00 TU	66.46	27.12	27.12	0.34	0.06	27.12	27.12	0.06	27.06
10+50.00 TU	70.04	25.28	25.28	0.04	0.07	52.40	52.40	0.13	52.27

WHEELER ST - STAGE 2B

STATION	AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
9+45.00 WH	66.03			0.46					
9+50.00 WH	64.89	12.12	12.12	0.48	0.09	12.12	12.12	0.09	12.04
9+60.00 WH	61.28	23.36	23.36	0.44	0.17	35.49	35.49	0.26	35.23
9+70.00 WH	71.85	24.65	24.65	0.00	0.08	60.14	60.14	0.34	59.80

JEFFERSON ST - STAGE 2B

STATION	AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
9+32.00 J	64.43			0.22					
9+40.00 J	58.08	18.15	18.15	0.21	0.06	18.15	18.15	0.06	18.09
9+55.00 J	95.89	42.77	42.77	0.13	0.09	60.92	60.92	0.16	60.76
9+60.00 J	96.55	17.82	17.82	0.29	0.04	78.74	78.74	0.20	78.54
9+70.00 J	104.77	37.28	37.28	0.00	0.05	116.02	116.02	0.25	115.77
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 J	109.44			0.00					
10+40.00 J	94.65	37.79	37.79	0.00	0.00	153.81	153.81	0.25	153.56
10+50.00 J	89.27	34.06	34.06	0.47	0.09	187.87	187.87	0.34	187.54
10+55.00 J	90.14	16.61	16.61	0.25	0.07	204.48	204.48	0.40	204.08
10+60.00 J	51.24	13.09	13.09	0.26	0.05	217.58	217.58	0.45	217.12
10+72.99 J	51.14	24.63	24.63	0.26	0.13	242.20	242.20	0.58	241.63

STH 33 - STAGE 3A

STATION	AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
24+00.00	116.85			1.00					
24+50.00	116.19	215.78	215.78	1.77	2.56	215.78	215.78	2.56	213.21
25+00.00	120.02	218.71	218.71	1.51	3.04	434.49	434.49	5.60	428.89
25+24.00	125.99	109.34	109.34	0.00	0.67	543.83	543.83	6.27	537.56
25+46.24	120.73	101.61	101.61	1.47	0.61	645.44	645.44	6.88	638.56
25+50.00	116.88	16.54	16.54	0.50	0.14	661.99	661.99	7.02	654.97
26+00.00	118.24	217.70	217.70	0.13	0.58	879.69	879.69	7.60	872.09
26+40.00	124.91	180.11	180.11	0.27	0.30	1059.80	1059.80	7.90	1051.90
26+50.00	127.24	46.69	46.69	0.41	0.13	1106.49	1106.49	8.02	1098.47
27+00.00	128.47	236.77	236.77	0.71	1.04	1343.26	1343.26	9.06	1334.20
27+06.00	127.95	28.49	28.49	0.70	0.16	1371.75	1371.75	9.21	1362.54
27+50.00	119.40	201.54	201.54	1.09	1.46	1573.30	1573.30	10.67	1562.63
28+00.00	113.90	216.02	216.02	1.33	2.24	1789.32	1789.32	12.91	1776.40
28+50.00	114.41	211.40	211.40	1.69	2.80	2000.72	2000.72	15.71	1985.00
29+00.00	116.43	213.74	213.74	0.31	1.85	2214.46	2214.46	17.56	2196.89
29+50.00	127.85	226.19	226.19	0.46	0.71	2440.64	2440.64	18.28	2422.37
29+79.00	124.33	135.43	135.43	0.21	0.36	2576.07	2576.07	18.64	2557.44
30+00.00	122.53	96.00	96.00	0.22	0.17	2672.07	2672.07	18.80	2653.27
30+50.00	110.72	215.97	215.97	0.99	1.12	2888.04	2888.04	19.92	2868.12
31+00.00	111.08	205.37	205.37	1.01	1.85	3093.41	3093.41	21.77	3071.64
31+50.00	119.49	213.49	213.49	1.22	2.06	3306.91	3306.91	23.84	3283.07
32+00.00	116.82	218.81	218.81	1.45	2.47	3525.71	3525.71	26.31	3499.40
32+50.00	111.35	211.27	211.27	0.41	1.72	3736.98	3736.98	28.03	3708.95
33+00.00	114.39	209.02	209.02	1.22	1.51	3946.00	3946.00	29.54	3916.46
33+32.00	126.62	142.82	142.82	0.00	0.72	4088.82	4088.82	30.27	4058.55
33+48.22	120.26	74.16	74.16	0.62	0.19	4162.97	4162.97	30.45	4132.52
33+50.00	121.21	7.96	7.96	0.79	0.05	4170.93	4170.93	30.50	4140.44
34+00.00	126.03	228.93	228.93	2.37	2.93	4399.86	4399.86	33.42	4366.44
34+50.00	132.64	239.51	239.51	0.00	2.19	4639.37	4639.37	35.62	4603.75
35+00.00	129.63	242.84	242.84	1.00	0.93	4882.21	4882.21	36.54	4845.67
35+50.00	130.59	240.94	240.94	1.56	2.37	5123.16	5123.16	38.92	5084.24
35+69.00	133.45	92.90	92.90	0.00	0.55	5216.06	5216.06	39.46	5176.60
36+00.00	124.78	148.24	148.24	2.38	1.37	5364.30	5364.30	40.83	5323.47
36+37.00	127.50	172.86	172.86	0.00	1.63	5537.16	5537.16	42.46	5494.70
36+50.00	123.93	60.53	60.53	2.20	0.53	5597.69	5597.69	42.99	5554.70
37+00.00	131.27	236.30	236.30	0.00	2.04	5833.99	5833.99	45.03	5788.96
37+06.00	132.15	29.27	29.27	0.00	0.00	5863.26	5863.26	45.03	5818.23
37+29.00	134.69	113.65	113.65	0.07	0.03	5976.91	5976.91	45.06	5931.85
37+50.00	128.60	102.39	102.39	2.51	1.00	6079.30	6079.30	46.06	6033.24
38+00.00	133.58	242.76	242.76	1.69	3.89	6322.06	6322.06	49.95	6272.11
38+50.00	123.53	238.06	238.06	0.00	1.56	6560.12	6560.12	51.51	6508.61
38+79.22	127.06	135.60	135.60	0.00	0.00	6695.72	6695.72	51.51	6644.21
39+00.00	128.49	98.34	98.34	0.00	0.00	6794.06	6794.06	51.51	6742.55
39+50.00	136.06	244.95	244.95	0.95	0.88	7039.01	7039.01	52.39	6986.62
40+00.00	130.36	246.69	246.69	1.19	1.98	7285.70	7285.70	54.38	7231.32
40+50.00	128.80	239.96	239.96	1.31	2.31	7525.66	7525.66	56.69	7468.97
41+00.00	128.59	238.32	238.32	1.09	2.22	7763.99	7763.99	58.91	7705.07
41+50.00	127.07	236.72	236.72	1.86	2.73	8000.71	8000.71	61.64	7939.06
42+00.00	126.89	235.15	235.15	1.73	3.32	8235.86	8235.86	64.97	8170.89
42+50.00	106.14	215.77	215.77	0.00	1.60	8451.63	8451.63	66.57	8385.06
42+79.47	103.03	114.15	114.15	0.00	0.00	8565.78	8565.78	66.57	8499.21
43+00.00	102.53	78.15	78.15	0.00	0.00	8643.93	8643.93	66.57	8577.36
43+50.00	125.22	210.88	210.88	3.29	3.05	8854.81	8854.81	69.62	8785.19
43+55.00	124.84	23.15	23.15	2.89	0.57	8877.96	8877.96	70.19	8807.77
44+00.00	128.83	211.39	211.39	2.56	4.54	9089.35	9089.35	74.73	9014.62

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EARTHWORK DATA	SHEET 562	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 05

PLOT DATE : 2/27/2023 4:49 PM PLOT BY : KEVIN JORDAN PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

DRAPER ST - STAGE 3A

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
10+30.00 D	144.54			1.91					
10+40.00 D	129.42	50.73	50.73	0	0.35	50.73	50.73	0.35	50.38
10+50.00 D	130.35	48.11	48.11	0	0.00	98.84	98.84	0.35	98.49
10+60.00 D	125.71	47.42	47.42	0	0.00	146.26	146.26	0.35	145.90
10+70.00 D	122.37	45.94	45.94	0.03	0.01	192.20	192.20	0.36	191.84
10+80.00 D	102.89	41.71	41.71	0.04	0.01	233.91	233.91	0.37	233.54
10+90.00 D	100.35	37.64	37.64	0.25	0.05	271.55	271.55	0.43	271.12
11+00.00 D	99.14	36.94	36.94	0.05	0.06	308.49	308.49	0.48	308.01
11+10.00 D	97.68	36.45	36.45	0	0.01	344.94	344.94	0.49	344.45
11+20.00 D	90.19	34.79	34.79	0.08	0.01	379.73	379.73	0.51	379.23

PARK ST - STAGE 3A

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
9+35.00 P	83.99			0.43					
9+45.00 P	87.74	31.80	31.80	0.31	0.14	31.80	31.80	0.14	31.66
9+50.00 P	91.02	16.55	16.55	0.35	0.06	48.35	48.35	0.20	48.16
9+60.00 P	104.57	36.22	36.22	0	0.06	84.57	84.57	0.26	84.31
9+70.00 P	126.97	42.88	42.88	0	0.00	127.45	127.45	0.26	127.19
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 P	116.54			21.3					
10+40.00 P	98.22	39.77	39.77	0	3.94	167.22	167.22	4.21	163.01
10+50.00 P	84.99	33.93	33.93	0.1	0.02	201.15	201.15	4.23	196.92
10+60.00 P	84.66	31.42	31.42	0.23	0.06	232.57	232.57	4.29	228.28
10+65.00 P	81.92	15.42	15.42	0.41	0.06	247.99	247.99	4.35	243.64
10+69.00 P	68.37	11.13	11.13	0.52	0.07	259.12	259.12	4.42	254.71

STH 33 - STAGE 3B

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
4+00.00	144.00			0.05					
4+50.00	114.25	239.12	239.12	0.00	0.05	239.12	239.12	0.05	239.07
4+63.38	113.15	56.34	56.34	0.00	0.00	295.47	295.47	0.05	295.42
4+72.95	111.12	39.75	39.75	0.00	0.00	335.21	335.21	0.05	335.16
5+00.00	108.11	109.82	109.82	0.00	0.00	445.03	445.03	0.05	444.98
5+50.00	148.40	237.51	237.51	0.85	0.79	682.54	682.54	0.83	681.70
5+68.00	149.69	99.36	99.36	1.05	0.63	781.90	781.90	1.47	780.43
6+00.00	142.28	173.02	173.02	0.74	1.06	954.92	954.92	2.53	952.39
6+50.00	160.52	280.37	280.37	0.00	0.69	1235.29	1235.29	3.21	1232.08
6+53.00	160.18	17.82	17.82	0.00	0.00	1253.11	1253.11	3.21	1249.89
6+93.00	148.33	228.53	228.53	0.50	0.37	1481.63	1481.63	3.58	1478.05
7+00.00	148.53	38.48	38.48	0.67	0.15	1520.12	1520.12	3.73	1516.38
7+50.00	135.64	263.12	263.12	0.71	1.28	1783.24	1783.24	5.01	1778.22
7+94.00	156.00	237.63	237.63	0.00	0.58	2020.87	2020.87	5.59	2015.28
8+00.00	157.29	34.81	34.81	0.00	0.00	2055.68	2055.68	5.59	2050.09
8+05.00	157.96	29.19	29.19	0.00	0.00	2084.87	2084.87	5.59	2079.28
8+50.00	143.22	250.98	250.98	0.22	0.18	2335.85	2335.85	5.77	2330.08
9+00.00	128.67	251.75	251.75	0.01	0.21	2587.60	2587.60	5.99	2581.61
9+31.00	134.48	151.07	151.07	0.00	0.01	2738.67	2738.67	5.99	2732.68
9+39.41	131.90	41.49	41.49	0.00	0.00	2780.16	2780.16	5.99	2774.16
9+50.00	125.65	50.51	50.51	0.00	0.00	2830.66	2830.66	5.99	2824.67
10+00.00	146.61	252.09	252.09	0.44	0.41	3082.76	3082.76	6.40	3076.36
10+06.00	145.86	32.50	32.50	0.58	0.11	3115.25	3115.25	6.51	3108.74
10+50.00	144.06	236.23	236.23	0.99	1.28	3351.48	3351.48	7.79	3343.69
10+67.00	151.88	93.17	93.17	0.06	0.33	3444.65	3444.65	8.12	3436.53
10+85.00	144.94	98.94	98.94	0.00	0.02	3543.59	3543.59	8.14	3535.45
11+00.00	135.07	77.78	77.78	0.00	0.00	3621.37	3621.37	8.14	3613.23
11+50.00	127.49	243.11	243.11	0.74	0.69	3864.48	3864.48	8.83	3855.65
11+72.00	137.55	107.98	107.98	0.00	0.30	3972.46	3972.46	9.13	3963.33
11+81.00	134.45	45.33	45.33	0.00	0.00	4017.79	4017.79	9.13	4008.66
11+87.00	133.98	29.83	29.83	0.00	0.00	4047.62	4047.62	9.13	4038.49
12+00.00	122.75	61.81	61.81	1.12	0.27	4109.43	4109.43	9.40	4100.03
12+23.00	120.26	103.50	103.50	0.36	0.63	4212.93	4212.93	10.03	4202.90
12+50.00	112.62	116.44	116.44	1.74	1.05	4329.37	4329.37	11.08	4318.29
13+00.00	102.32	199.02	199.02	0.50	2.07	4528.39	4528.39	13.15	4515.23
13+16.00	114.88	64.36	64.36	0.00	0.15	4592.74	4592.74	13.30	4579.44
13+18.82	116.49	12.08	12.08	0.00	0.00	4604.83	4604.83	13.30	4591.52
13+50.00	103.11	126.80	126.80	1.58	0.91	4731.63	4731.63	14.21	4717.41
14+00.00	109.46	196.82	196.82	0.29	1.73	4928.45	4928.45	15.95	4912.50
14+25.13	121.13	107.31	107.31	0.00	0.13	5035.76	5035.76	16.08	5019.68
14+32.00	120.75	30.77	30.77	0.00	0.00	5066.53	5066.53	16.08	5050.45
14+50.00	115.79	78.85	78.85	0.00	0.00	5145.38	5145.38	16.08	5129.30
14+71.00	129.59	95.43	95.43	1.63	0.63	5240.80	5240.80	16.72	5224.09
15+00.00	124.45	136.43	136.43	1.93	1.91	5377.23	5377.23	18.63	5358.61
15+49.00	140.58	240.49	240.49	0.00	1.75	5617.72	5617.72	20.38	5597.34
15+50.00	140.48	5.20	5.20	0.00	0.00	5622.93	5622.93	20.38	5602.55
15+53.00	140.54	15.61	15.61	0.00	0.00	5638.54	5638.54	20.38	5618.16
15+92.00	134.03	198.30	198.30	1.16	0.84	5836.84	5836.84	21.22	5815.62
16+00.00	133.98	39.71	39.71	0.66	0.27	5876.55	5876.55	21.49	5855.06
16+18.00	132.31	88.76	88.76	0.09	0.25	5965.31	5965.31	21.74	5943.57
16+50.00	123.51	151.60	151.60	1.67	1.04	6116.91	6116.91	22.78	6094.13
16+86.00	132.41	170.61	170.61	1.00	1.78	6287.52	6287.52	24.56	6262.96

9

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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EARTHWORK DATA	SHEET 563	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 06

PLOT DATE : 2/27/2023 4:49 PM PLOT BY : KEVIN JORDAN PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

STH 33 - STAGE 3B CONTINUED

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
17+00.00	129.91	68.01	68.01	0.00	0.26	6355.53	6355.53	24.82	6330.71
17+17.00	135.35	83.51	83.51	0.40	0.13	6439.04	6439.04	24.94	6414.09
17+50.00	125.98	159.70	159.70	1.80	1.34	6598.74	6598.74	26.29	6572.45
18+00.00	125.60	232.94	232.94	6.02	7.24	6831.68	6831.68	33.53	6798.15
18+50.00	128.93	235.68	235.68	0.70	6.22	7067.36	7067.36	39.75	7027.61
18+88.00	118.33	174.00	174.00	0.00	0.49	7241.36	7241.36	40.24	7201.11
19+00.00	114.40	51.72	51.72	0.00	0.00	7293.07	7293.07	40.24	7252.83
19+09.64	111.43	40.31	40.31	0.39	0.07	7333.39	7333.39	40.31	7293.08
19+50.00	115.75	169.80	169.80	0.00	0.29	7503.18	7503.18	40.60	7462.58
19+55.00	133.85	23.11	23.11	0.47	0.04	7526.30	7526.30	40.65	7485.65
20+00.00	127.75	218.00	218.00	0.98	1.21	7744.30	7744.30	41.86	7702.44
20+27.00	136.04	131.90	131.90	0.00	0.49	7876.19	7876.19	42.35	7833.84
20+50.00	135.91	115.83	115.83	0.32	0.14	7992.02	7992.02	42.48	7949.54
20+58.00	122.30	38.25	38.25	0.00	0.05	8030.27	8030.27	42.53	7987.74
20+93.29	123.91	160.90	160.90	0.00	0.00	8191.18	8191.18	42.53	8148.65
20+98.00	123.62	21.59	21.59	0.00	0.00	8212.77	8212.77	42.53	8170.24
21+00.00	123.84	9.17	9.17	0.00	0.00	8221.93	8221.93	42.53	8179.40
21+50.00	124.81	230.23	230.23	0.92	0.85	8452.16	8452.16	43.38	8408.78
22+00.00	127.77	233.87	233.87	1.50	2.24	8686.03	8686.03	45.62	8640.41
22+21.00	135.59	102.42	102.42	1.20	1.05	8788.45	8788.45	46.67	8741.78
22+50.00	130.51	142.91	142.91	0.45	0.89	8931.36	8931.36	47.56	8883.80
22+73.42	137.38	116.18	116.18	2.69	1.36	9047.54	9047.54	48.92	8998.62
22+76.00	140.43	13.27	13.27	1.96	0.22	9060.82	9060.82	49.14	9011.67
22+99.16	132.66	117.13	117.13	2.40	1.87	9177.94	9177.94	51.01	9126.93
23+00.00	132.78	4.13	4.13	2.21	0.07	9182.07	9182.07	51.08	9130.99
23+25.00	134.46	123.72	123.72	0.56	1.28	9305.79	9305.79	52.37	9253.43
23+50.00	127.67	121.36	121.36	2.12	1.24	9427.15	9427.15	53.61	9373.54
24+00.00	116.85	226.41	226.41	1.00	2.89	9653.56	9653.56	56.50	9597.06
44+00.00	128.83			2.56					
44+48.00	129.16	229.32	229.32	2.69	4.67	9882.88	9882.88	61.16	9821.72
44+50.00	129.46	9.58	9.58	2.67	0.20	9892.46	9892.46	61.36	9831.10
45+00.00	135.39	245.23	245.23	0.00	2.47	10137.69	10137.69	63.83	10073.86
45+02.00	135.45	10.03	10.03	0.00	0.00	10147.72	10147.72	63.83	10083.89
45+46.00	129.77	216.11	216.11	0.00	0.00	10363.83	10363.83	63.83	10299.99
45+50.00	129.21	19.18	19.18	0.00	0.00	10383.01	10383.01	63.83	10319.18
46+00.00	128.01	238.17	238.17	2.23	2.06	10621.18	10621.18	65.90	10555.28
46+05.00	127.58	23.67	23.67	2.11	0.40	10644.84	10644.84	66.30	10578.54
46+30.00	134.57	121.37	121.37	0.00	0.98	10766.21	10766.21	67.28	10698.93
46+50.00	137.12	100.63	100.63	0.00	0.00	10866.83	10866.83	67.28	10799.56
46+52.00	136.92	10.15	10.15	0.00	0.00	10876.98	10876.98	67.28	10809.71
46+67.00	134.20	75.31	75.31	0.00	0.00	10952.30	10952.30	67.28	10885.02
46+99.00	127.53	155.10	155.10	2.34	1.39	11107.39	11107.39	68.66	11038.73
47+00.00	127.57	4.72	4.72	2.34	0.09	11112.12	11112.12	68.75	11043.37
47+47.00	132.59	226.44	226.44	0.00	2.04	11338.55	11338.55	70.79	11267.77
47+50.00	132.77	14.74	14.74	0.00	0.00	11353.30	11353.30	70.79	11282.51
48+00.00	100.52	216.01	216.01	0.00	0.00	11569.31	11569.31	70.79	11498.52
48+07.81	105.28	29.76	29.76	0.00	0.00	11599.07	11599.07	70.79	11528.28
48+50.00	121.64	177.29	177.29	1.69	1.32	11776.36	11776.36	72.11	11704.25
49+00.00	107.96	212.59	212.59	2.30	3.69	11988.95	11988.95	75.80	11913.15
49+50.00	124.43	215.18	215.18	1.66	3.67	12204.13	12204.13	79.47	12124.66
50+00.00	128.32	234.03	234.03	1.13	2.58	12438.16	12438.16	82.05	12356.11
50+50.00	137.56	246.19	246.19	0.00	1.05	12684.34	12684.34	83.10	12601.24
50+58.00	136.59	40.61	40.61	0.00	0.00	12724.96	12724.96	83.10	12641.86

STH 33 - STAGE 3B CONTINUED

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	NET VOLUME (CU. YD.)
51+00.00	137.61	213.27	213.27	0.54	0.42	12938.23	12938.23	83.52	12854.71
51+50.00	136.80	254.08	254.08	0.83	1.27	13192.31	13192.31	84.79	13107.52
52+00.00	122.28	239.89	239.89	0.00	0.77	13432.20	13432.20	85.56	13346.64
52+04.49	122.14	20.32	20.32	0.00	0.00	13452.52	13452.52	85.56	13366.96
52+47.00	126.73	195.92	195.92	1.33	1.05	13648.44	13648.44	86.60	13561.83
52+50.00	126.73	14.08	14.08	1.28	0.15	13662.52	13662.52	86.75	13575.77
53+00.00	130.14	237.84	237.84	0.11	1.29	13900.36	13900.36	88.03	13812.33
53+08.00	116.68	36.57	36.57	0.00	0.02	13936.93	13936.93	88.05	13848.87
53+35.31	111.45	115.37	115.37	0.24	0.12	14052.30	14052.30	88.17	13964.13
53+50.00	109.56	60.12	60.12	0.26	0.14	14112.42	14112.42	88.31	14024.12
54+00.00	125.65	217.79	217.79	0.44	0.65	14330.21	14330.21	88.96	14241.25
54+24.00	136.24	116.40	116.40	0.00	0.20	14446.61	14446.61	89.15	14357.45
54+50.00	133.66	129.95	129.95	0.10	0.05	14576.56	14576.56	89.20	14487.36
55+00.00	138.76	252.24	252.24	0.00	0.09	14828.80	14828.80	89.29	14739.51
55+01.00	138.42	5.13	5.13	0.00	0.00	14833.93	14833.93	89.29	14744.64
55+50.00	120.65	235.08	235.08	0.61	0.55	15069.01	15069.01	89.85	14979.17
56+00.00	115.05	218.24	218.24	0.85	1.35	15287.25	15287.25	91.20	15196.06
56+04.00	114.34	16.99	16.99	0.89	0.13	15304.25	15304.25	91.33	15212.92
56+50.00	91.59	175.42	175.42	0.00	0.76	15479.67	15479.67	92.09	15387.58
56+83.24	95.68	115.28	115.28	0.00	0.00	15594.94	15594.94	92.09	15502.86
57+00.00	95.84	59.44	59.44	0.00	0.00	15654.39	15654.39	92.09	15562.30
57+50.00	124.19	203.73	203.73	0.36	0.33	15858.12	15858.12	92.42	15765.70
58+00.00	134.00	239.06	239.06	0.05	0.38	16097.18	16097.18	92.80	16004.38
58+50.00	136.48	250.44	250.44	0.09	0.13	16347.63	16347.63	92.93	16254.70
58+52.00	135.97	10.09	10.09	0.10	0.01	16357.72	16357.72	92.94	16264.78
59+00.00	120.94	228.36	228.36	1.12	1.08	16586.08	16586.08	94.02	16492.06
59+50.00	115.97	219.36	219.36	1.00	1.96	16805.44	16805.44	95.98	16709.46
59+71.00	116.73	90.49	90.49	0.09	0.42	16895.94	16895.94	96.41	16799.53
60+00.00	112.00	122.84	122.84	0.64	0.39	17018.77	17018.77	96.80	16921.98
60+50.00	110.49	206.01	206.01	1.14	1.65	17224.78	17224.78	98.45	17126.34
61+00.00	113.74	207.62	207.62	0.71	1.71	17432.40	17432.40	100.16	17332.24
61+45.37	93.68	174.27	174.27	0.00	0.60	17606.67	17606.67	100.76	17505.92
61+50.00	93.21	16.02	16.02	0.00	0.00	17622.70	17622.70	100.76	17521.94
62+00.00	110.26	188.40	188.40	0.94	0.87	17811.10	17811.10	101.63	17709.47
62+50.00	107.01	201.18	201.18	1.01	1.81	18012.27	18012.27	103.43	17908.84
63+00.00	82.42	175.40	175.40	0.88	1.75	18187.67	18187.67	105.18	18082.49
63+50.00	83.60	153.72	153.72	0.03	0.84	18341.39	18341.39	106.02	18235.37
63+79.00	90.97	93.75	93.75	0.00	0.02	18435.14	18435.14	106.04	18329.10
64+00.00	91.75	71.06	71.06	0.02	0.01	18506.20	18506.20	106.05	18400.15
64+38.00	94.16	130.83	130.83	0.00	0.01	18637.03	18637.03	106.06	18530.96
64+45.00	86.12	23.37	23.37	1.08	0.14	18660.40	18660.40	106.20	18554.19
64+50.00	87.86	16.11	16.11	1.19	0.21	18676.51	18676.51	106.41	18570.09
64+80.00	90.95	99.34	99.34	0.00	0.66	18775.84	18775.84	107.07	18668.77
65+00.00	91.00	67.39	67.39	0.13	0.05	18843.23	18843.23	107.12	18736.11
65+34.00	87.82	112.59	112.59	0.32	0.28	18955.82	18955.82	107.41	18848.42
65+50.00	86.59	51.68	51.68	0.37	0.20	19007.50	19007.50	107.61	18899.89
66+00.00	91.02	164.45	164.45	0.75	1.04	19171.95	19171.95	108.65	19063.31
66+23.27	97.48	81.23	81.23	0.47	0.53	19253.18	19253.18	109.17	19144.01
66+50.00	112.65	104.01	104.01	0.09	0.28	19357.20	19357.20	109.45	19247.75
67+00.00	122.24	217.49	217.49	0.05	0.13	19574.69	19574.69	109.58	19465.11
67+50.00	144.76	247.22	247.22	0.04	0.08	19821.91	19821.91	109.66	19712.25
67+84.00	151.93	186.80	186.80	0.00	0.03	20008.72	20008.72	109.69	19899.03
67+92.00	151.32	44.93	44.93	0.00	0.00	20053.64	20053.64	109.69	19943.95
68+00.00	146.69	44.15	44.15	0.00	0.00	20097.79	20097.79	109.69	19988.10
68+50.00	142.30	267.58	267.58	0.17	0.16	20365.38	20365.38	109.85	20255.53

9

9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EARTHWORK DATA	SHEET 564	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 07

PLOT DATE : 2/27/2023 4:49 PM PLOT BY : KEVIN JORDAN PLOT NAME : PLOT SCALE : 1" = 1'

MULBERRY ST - STAGE 3B

	CUT			FILL		CUMULATIVE			
STATION	AREA (SQ. FT.)	VOLUME (CU. YD.)	REUSABLE VOLUME (CU. YD.)	AREA (SQ. FT.)	VOLUME (CU. YD.)	CUT (CU. YD.)	REUSABLE CUT (CU. YD.)	FILL (CU. YD.)	NET VOLUME (CU. YD.)
9+35.00 M	49.35			0.78					
9+40.00 M	122.44	15.91	15.91	0.00	0.07	15.91	15.91	0.07	15.83
9+50.00 M	112.52	43.51	43.51	0.62	0.11	59.42	59.42	0.19	59.23
9+60.00 M	105.09	40.30	40.30	0.98	0.30	99.72	99.72	0.48	99.23
9+70.00 M	155.71	48.30	48.30	2.77	0.69	148.01	148.01	1.18	146.83
			STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)						
10+30.00 M	198.91			0.19					
10+40.00 M	143.69	63.44	63.44	0.00	0.04	211.46	211.46	1.21	210.24
10+50.00 M	146.53	53.74	53.74	0.00	0.00	265.20	265.20	1.21	263.99

W WALNUT ST - STAGE 3B

	CUT			FILL		CUMULATIVE			
STATION	AREA (SQ. FT.)	VOLUME (CU. YD.)	REUSABLE VOLUME (CU. YD.)	AREA (SQ. FT.)	VOLUME (CU. YD.)	CUT (CU. YD.)	REUSABLE CUT (CU. YD.)	FILL (CU. YD.)	NET VOLUME (CU. YD.)
9+25.00 WA	42.63			0.00					
9+30.00 WA	50.67	8.64	8.64	0.00	0.00	8.64	8.64	0.00	8.64
9+34.63 WA	50.61	8.68	8.68	0.00	0.00	17.32	17.32	0.00	17.32
9+40.00 WA	107.87	15.76	15.76	0.00	0.00	33.08	33.08	0.00	33.08
9+50.00 WA	110.14	40.37	40.37	0.00	0.00	73.45	73.45	0.00	73.45
9+60.00 WA	119.17	42.46	42.46	0.00	0.00	115.92	115.92	0.00	115.92

CONNIE RD - STAGE 3B

	CUT			FILL		CUMULATIVE			
STATION	AREA (SQ. FT.)	VOLUME (CU. YD.)	REUSABLE VOLUME (CU. YD.)	AREA (SQ. FT.)	VOLUME (CU. YD.)	CUT (CU. YD.)	REUSABLE CUT (CU. YD.)	FILL (CU. YD.)	NET VOLUME (CU. YD.)
10+37.18 CO	111.18			0.00					
10+40.00 CO	108.64	11.48	11.48	0.00	0.00	11.48	11.48	0.00	11.48
10+50.00 CO	104.24	39.42	39.42	0.00	0.00	50.90	50.90	0.00	50.90
10+60.00 CO	109.28	39.54	39.54	0.00	0.00	90.44	90.44	0.00	90.44

CEDAR ST - STAGE 3B

	CUT			FILL		CUMULATIVE			
STATION	AREA (SQ. FT.)	VOLUME (CU. YD.)	REUSABLE VOLUME (CU. YD.)	AREA (SQ. FT.)	VOLUME (CU. YD.)	CUT (CU. YD.)	REUSABLE CUT (CU. YD.)	FILL (CU. YD.)	NET VOLUME (CU. YD.)
9+40.03 C	107.57			0.00					
9+50.00 C	103.37	38.95	38.95	0.00	0.00	38.95	38.95	0.00	38.95
9+60.00 C	111.34	39.76	39.76	0.00	0.00	78.71	78.71	0.00	78.71

WILLOW ST - STAGE 3B

	CUT			FILL		CUMULATIVE			
STATION	AREA (SQ. FT.)	VOLUME (CU. YD.)	REUSABLE VOLUME (CU. YD.)	AREA (SQ. FT.)	VOLUME (CU. YD.)	CUT (CU. YD.)	REUSABLE CUT (CU. YD.)	FILL (CU. YD.)	NET VOLUME (CU. YD.)
9+18.00 WI	53.83			1.58					
9+20.00 WI	53.95	3.99	3.99	1.49	0.11	3.99	3.99	0.11	3.88
9+30.00 WI	54.31	20.05	20.05	0.96	0.45	24.04	24.04	0.57	23.47
9+40.00 WI	116.24	31.58	31.58	0.01	0.18	55.62	55.62	0.75	54.88
9+50.00 WI	115.22	42.86	42.86	0.02	0.01	98.49	98.49	0.75	97.73
9+60.00 WI	109.47	41.61	41.61	0.00	0.00	140.10	140.10	0.76	139.34

HILL ST - STAGE 3B

	CUT			FILL		CUMULATIVE			
STATION	AREA (SQ. FT.)	VOLUME (CU. YD.)	REUSABLE VOLUME (CU. YD.)	AREA (SQ. FT.)	VOLUME (CU. YD.)	CUT (CU. YD.)	REUSABLE CUT (CU. YD.)	FILL (CU. YD.)	NET VOLUME (CU. YD.)
10+40.00 H	137.42			2.31					
10+50.00 H	120.88	47.83	47.83	0.17	0.46	47.83	47.83	0.46	47.37
10+60.00 H	88.39	38.75	38.75	0.00	0.03	86.59	86.59	0.49	86.10
10+65.00 H	76.41	15.26	15.26	0.00	0.00	101.85	101.85	0.49	101.36
10+80.00 H	50.03	35.12	35.12	0.10	0.03	136.97	136.97	0.52	136.45

SUMMIT ST - STAGE 3B

	CUT			FILL		CUMULATIVE			
STATION	AREA (SQ. FT.)	VOLUME (CU. YD.)	REUSABLE VOLUME (CU. YD.)	AREA (SQ. FT.)	VOLUME (CU. YD.)	CUT (CU. YD.)	REUSABLE CUT (CU. YD.)	FILL (CU. YD.)	NET VOLUME (CU. YD.)
9+45.03 S	87.64			0.17					
9+50.00 S	91.99	16.53	16.53	0.07	0.02	16.53	16.53	0.02	16.51
9+60.00 S	107.43	36.93	36.93	0.02	0.02	53.46	53.46	0.04	53.42
9+70.00 S	121.35	42.37	42.37	0.00	0.00	95.83	95.83	0.04	95.79
			STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)						
10+40.00 S	106.69			0.00					
10+50.00 S	88.95	36.23	36.23	0.10	0.02	132.06	132.06	0.06	132.00
10+60.00 S	86.69	32.53	32.53	0.52	0.11	164.58	164.58	0.18	164.41
10+65.00 S	83.91	15.80	15.80	1.07	0.15	180.38	180.38	0.32	180.06

WOOD ST - STAGE 3B

	CUT			FILL		CUMULATIVE			
STATION	AREA (SQ. FT.)	VOLUME (CU. YD.)	REUSABLE VOLUME (CU. YD.)	AREA (SQ. FT.)	VOLUME (CU. YD.)	CUT (CU. YD.)	REUSABLE CUT (CU. YD.)	FILL (CU. YD.)	NET VOLUME (CU. YD.)
10+30.00 WO	110.34			0.02					
10+40.00 WO	98.82	38.73	38.73	0.00	0.00	38.73	38.73	0.00	38.73
10+50.00 WO	92.61	35.45	35.45	0.01	0.00	74.18	74.18	0.01	74.18
10+60.00 WO	88.16	33.48	33.48	0.12	0.02	107.66	107.66	0.03	107.63

CENTER ST - STAGE 3B

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
9+30.00 CE	44.71			0.78					
9+45.03 CE	87.05	36.67	36.67	0.17	0.26	36.67	36.67	0.26	36.41
9+50.00 CE	87.72	16.09	16.09	0.32	0.05	52.76	52.76	0.31	52.45
9+60.00 CE	95.59	33.95	33.95	0.00	0.06	86.70	86.70	0.37	86.34
9+70.00 CE	108.85	37.86	37.86	0.00	0.00	124.56	124.56	0.37	124.20

WEST ST - STAGE 3B

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
9+45.38 WE	85.90			0.55					
9+50.00 WE	82.89	14.44	14.44	1.72	0.19	14.44	14.44	0.19	14.25
9+60.00 WE	89.30	31.89	31.89	0.00	0.32	46.33	46.33	0.51	45.82
9+70.00 WE	101.71	35.37	35.37	0.00	0.00	81.70	81.70	0.51	81.19
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 WE	110.18			0.00					
10+40.00 WE	100.88	39.09	39.09	0.16	0.03	120.79	120.79	0.54	120.24
10+50.00 WE	88.42	35.06	35.06	0.42	0.11	155.84	155.84	0.65	155.19
10+60.00 WE	83.86	31.90	31.90	0.00	0.08	187.74	187.74	0.73	187.02

BIRCH ST - STAGE 3B

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
9+30.00 BI	47.46			1.45					
9+40.00 BI	43.67	16.88	16.88	2.28	0.69	16.88	16.88	0.69	16.19
9+45.00 BI	80.09	11.46	11.46	0.74	0.28	28.34	28.34	0.97	27.36
9+50.00 BI	77.25	14.57	14.57	0.58	0.12	42.90	42.90	1.09	41.81
9+55.02 BI	74.42	14.10	14.10	1.60	0.20	57.00	57.00	1.30	55.71
9+60.00 BI	80.85	14.32	14.32	0.20	0.17	71.32	71.32	1.46	69.86
9+70.00 BI	93.02	32.20	32.20	0.00	0.04	103.52	103.52	1.50	102.02
STH 33 - INTERSECTION (SEE STH 33 EARTHWORK)									
10+30.00 BI	117.12			0.00					
10+40.00 BI	95.95	39.46	39.46	0.00	0.00	142.98	142.98	1.50	141.48
10+43.09 BI	82.77	10.23	10.23	0.28	0.02	153.21	153.21	1.51	151.69
10+50.00 BI	81.45	21.01	21.01	0.83	0.14	174.22	174.22	1.66	172.56
10+60.00 BI	79.93	29.89	29.89	1.22	0.38	204.10	204.10	2.04	202.07

BROADWAY (STH113) - STAGE 3B

STATION	CUT AREA (SQ. FT.)	CUT VOLUME (CU. YD.)	CUT REUSABLE VOLUME (CU. YD.)	FILL AREA (SQ. FT.)	FILL VOLUME (CU. YD.)	CUMULATIVE CUT (CU. YD.)	CUMULATIVE REUSABLE CUT (CU. YD.)	CUMULATIVE FILL (CU. YD.)	CUMULATIVE NET VOLUME (CU. YD.)
8+30.00 B	82.83			0.00					
8+40.00 B	75.14	29.25	29.25	0.00	0.00	29.25	29.25	0.00	29.25
8+50.00 B	64.06	25.78	25.78	0.47	0.09	55.03	55.03	0.09	54.94
8+60.00 B	64.83	23.87	23.87	1.32	0.33	78.90	78.90	0.42	78.48
8+70.00 B	65.62	24.16	24.16	1.14	0.46	103.06	103.06	0.87	102.18
8+80.00 B	117.52	33.91	33.91	0.94	0.39	136.97	136.97	1.26	135.71
8+90.00 B	131.65	46.14	46.14	1.55	0.46	183.11	183.11	1.72	181.39
9+00.00 B	134.17	49.23	49.23	1.32	0.53	232.34	232.34	2.25	230.09
9+10.00 B	133.91	49.64	49.64	1.44	0.51	281.99	281.99	2.76	279.22
9+20.00 B	136.77	50.13	50.13	0.00	0.27	332.11	332.11	3.03	329.08
9+30.00 B	144.63	52.11	52.11	0.00	0.00	384.22	384.22	3.03	381.19
9+40.00 B	161.45	56.68	56.68	0.00	0.00	440.90	440.90	3.03	437.87
9+50.00 B	203.52	67.59	67.59	0.00	0.00	508.49	508.49	3.03	505.46
9+60.00 B	270.85	87.85	87.85	0.23	0.04	596.34	596.34	3.07	593.26

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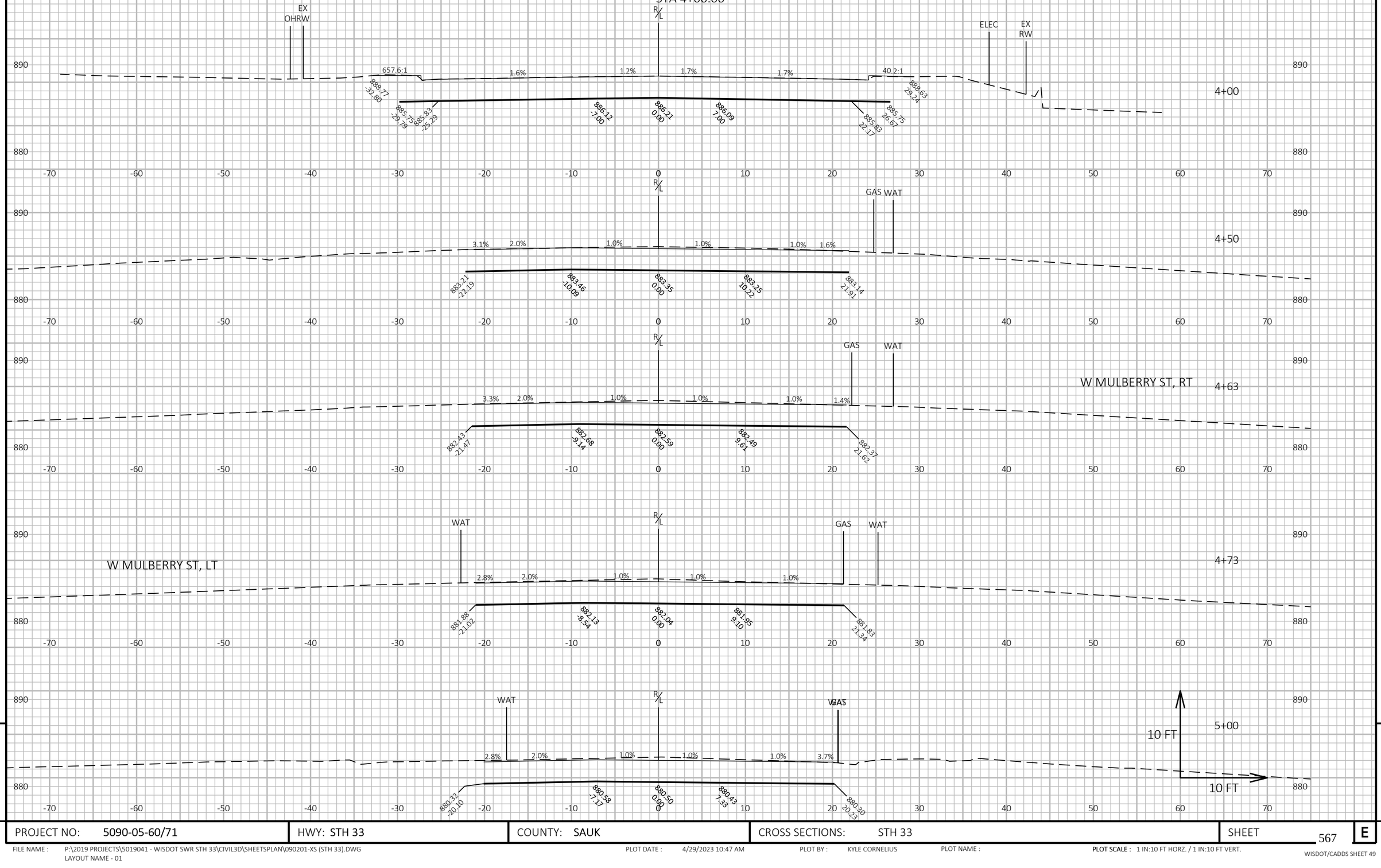
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	EARTHWORK DATA	SHEET 566	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 09

PLOT DATE : 2/27/2023 4:50 PM PLOT BY : KEVIN JORDAN PLOT NAME : PLOT SCALE : 1" = 1'

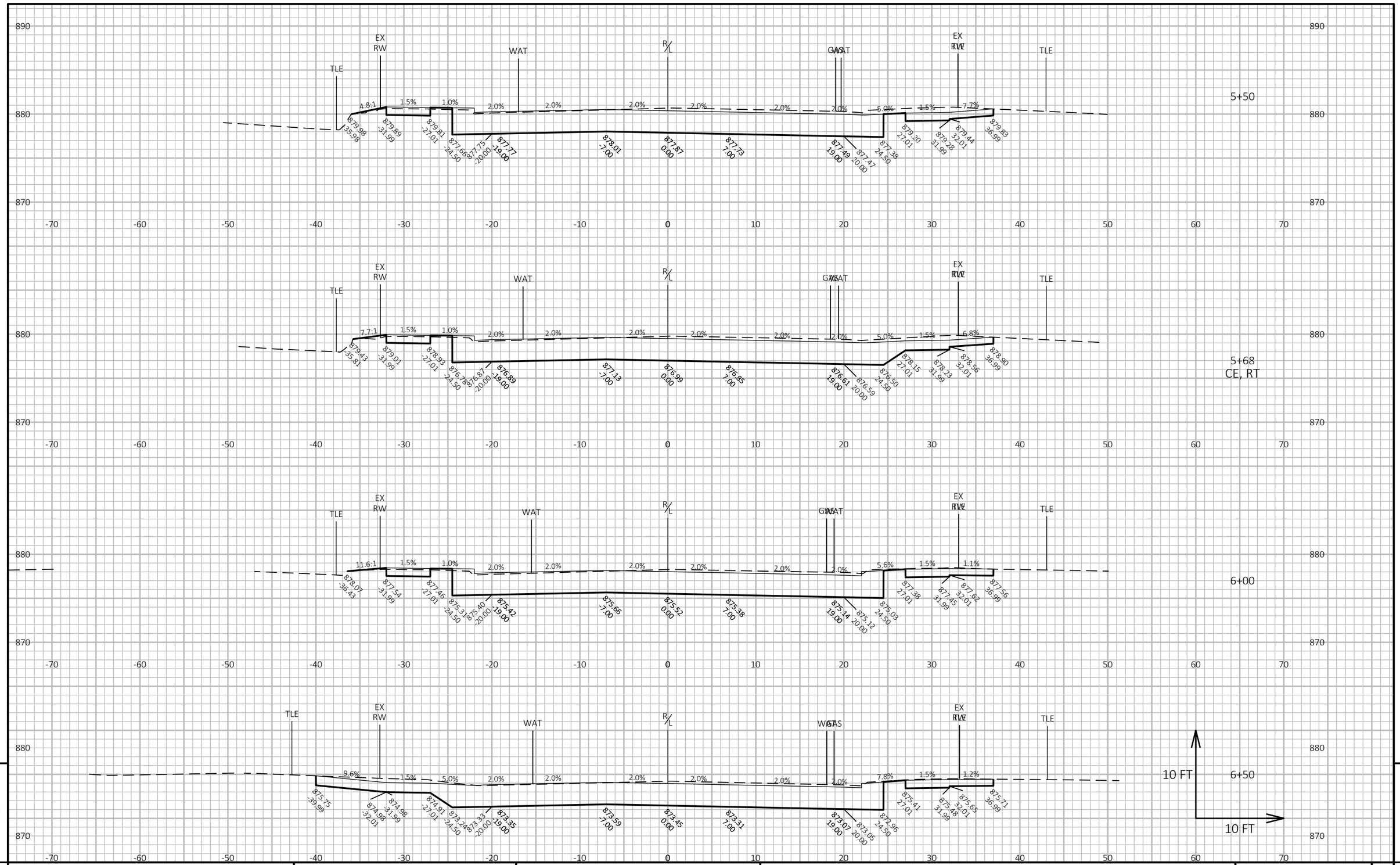
WISDOT/CADDS SHEET 49

BEGIN PROJECT 5090-05-60/71
STA 4+00.00



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 567	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 01
PLOT DATE : 4/29/2023 10:47 AM
PLOT BY : KYLE CORNELIUS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 568	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 02

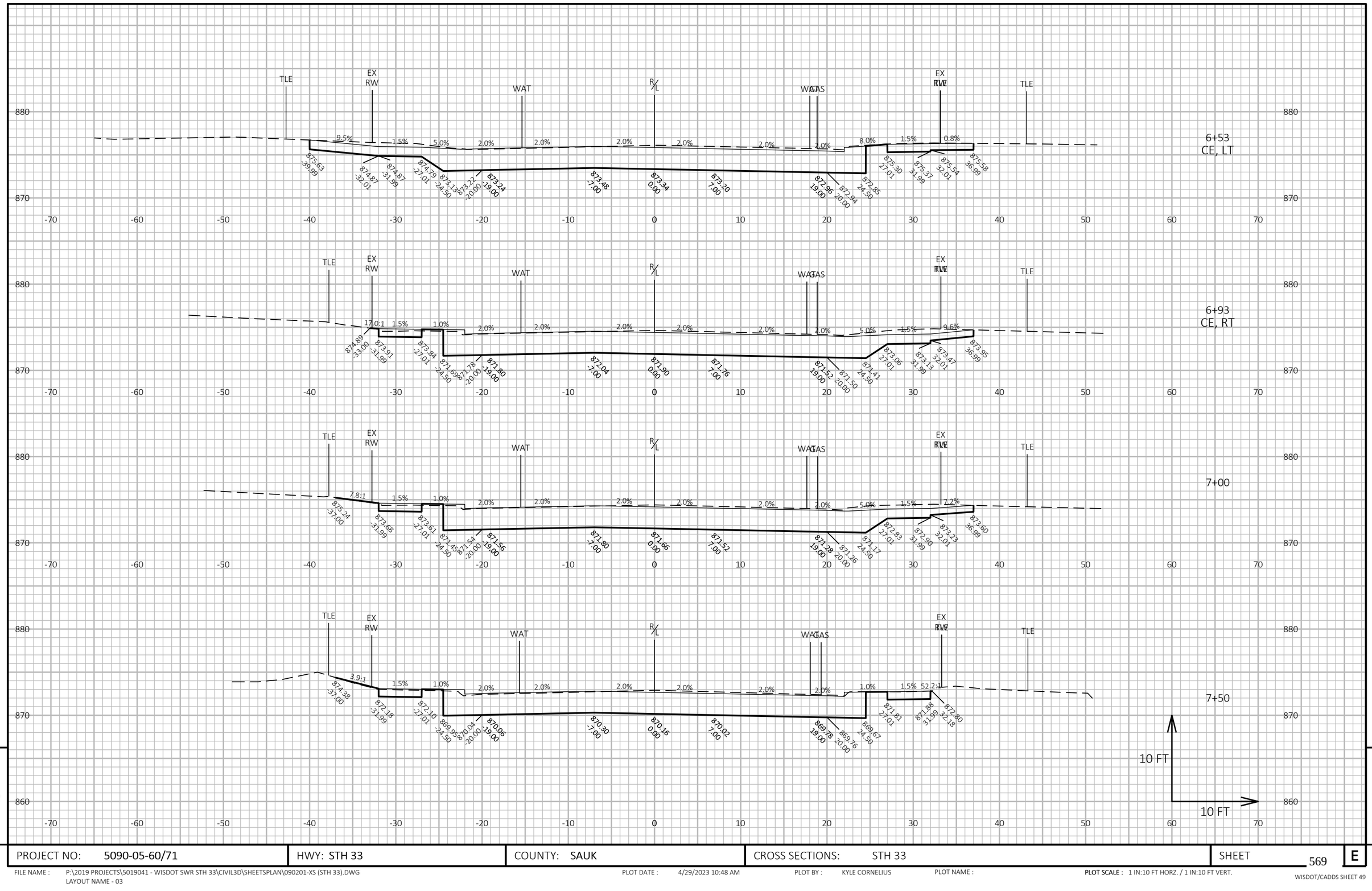
PLOT DATE : 4/29/2023 10:47 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



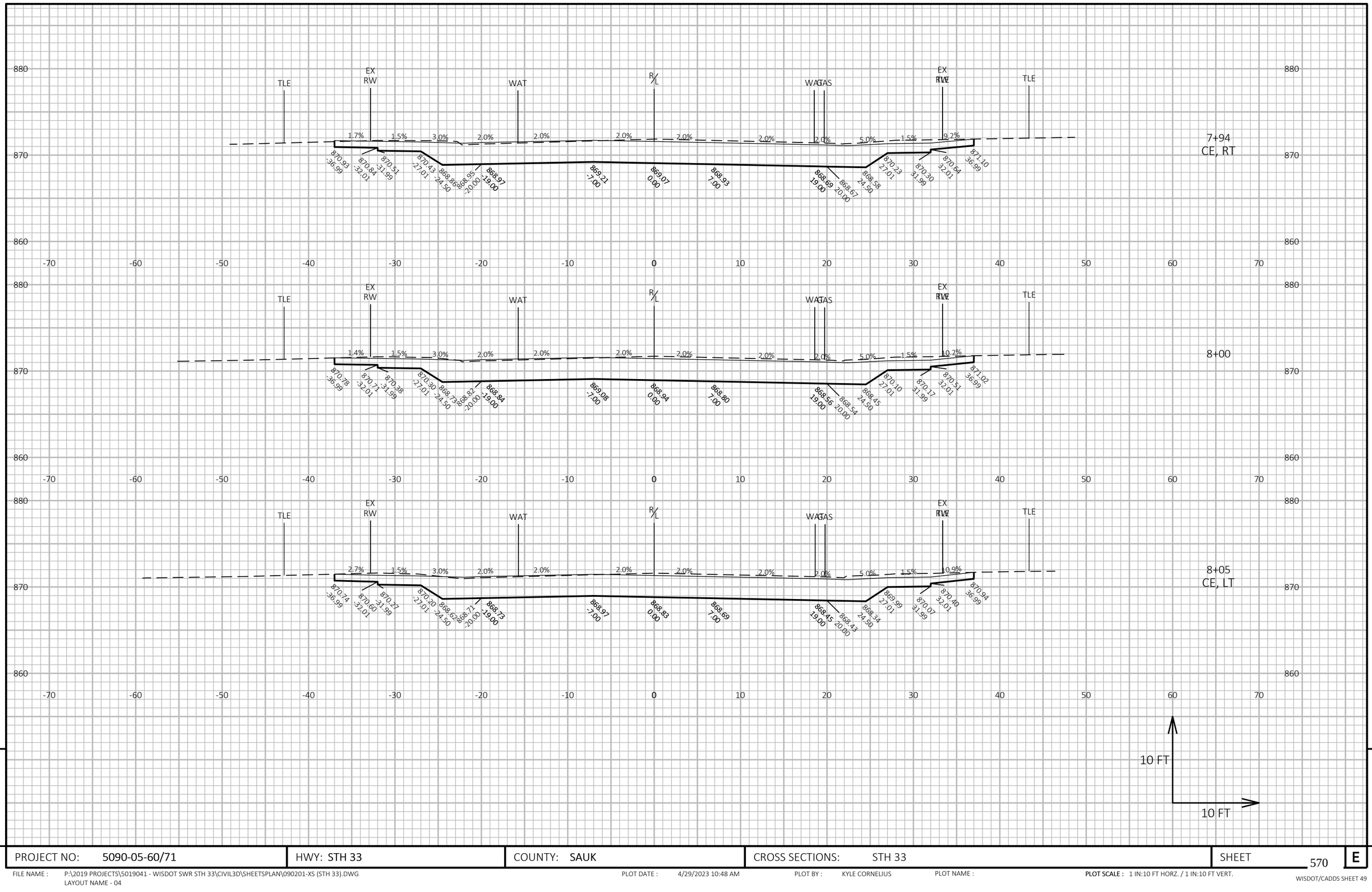
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 569	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 03

PLOT DATE : 4/29/2023 10:48 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

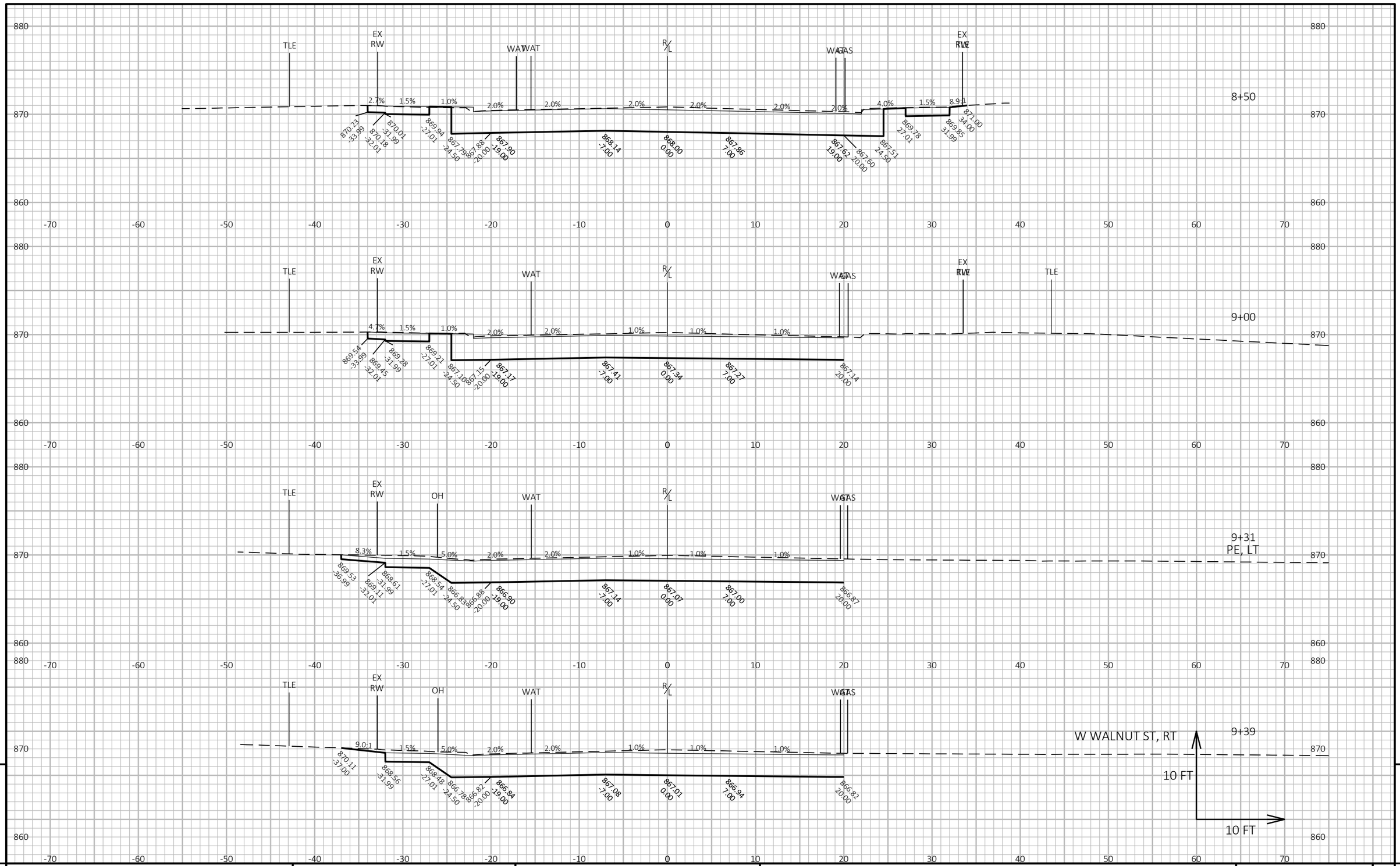


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 570	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 04

PLOT DATE : 4/29/2023 10:48 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

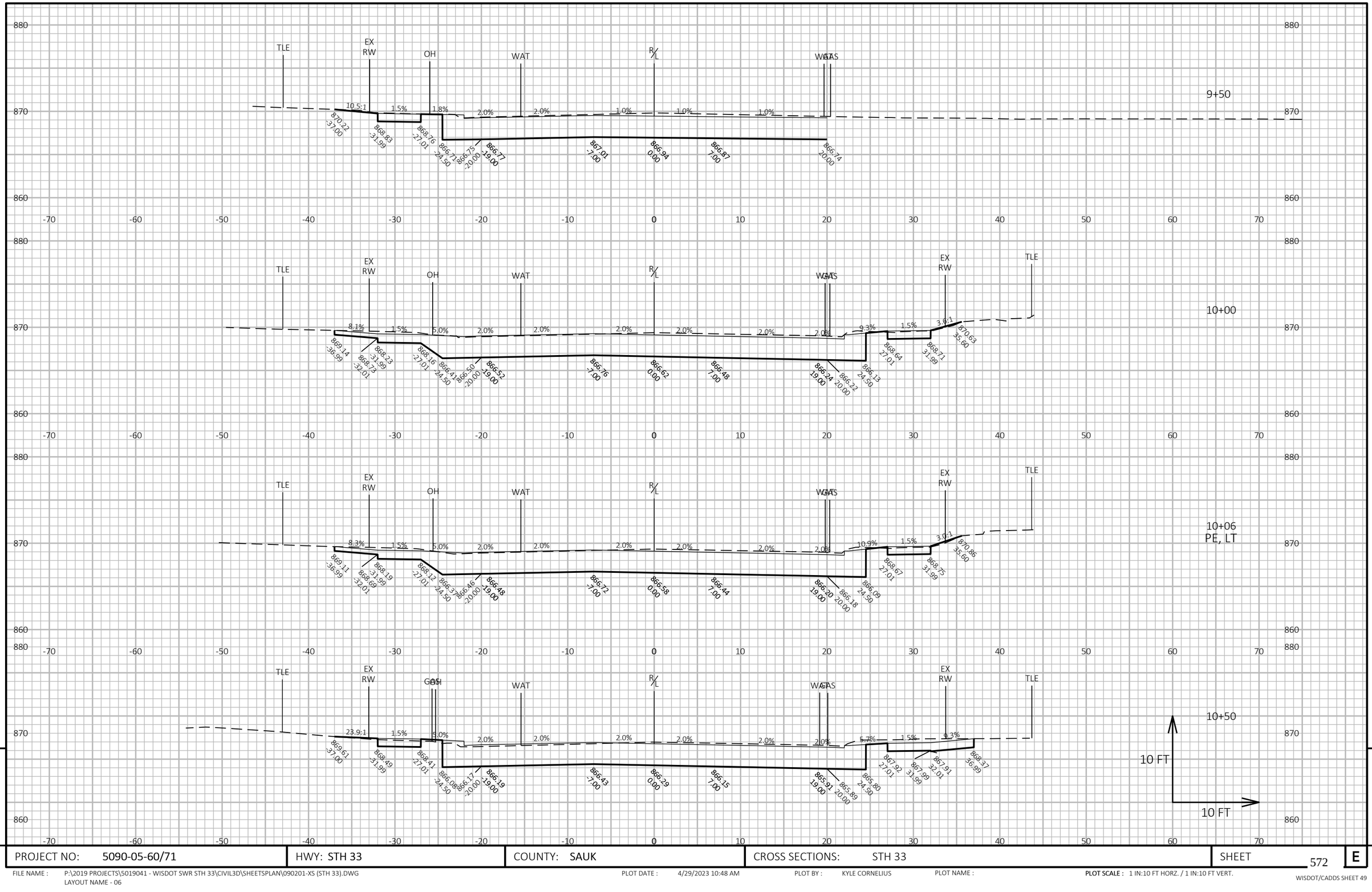
WISDOT/CADDS SHEET 49



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 571	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 05
PLOT DATE : 4/29/2023 11:06 AM
PLOT BY : KYLE CORNELIUS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

9



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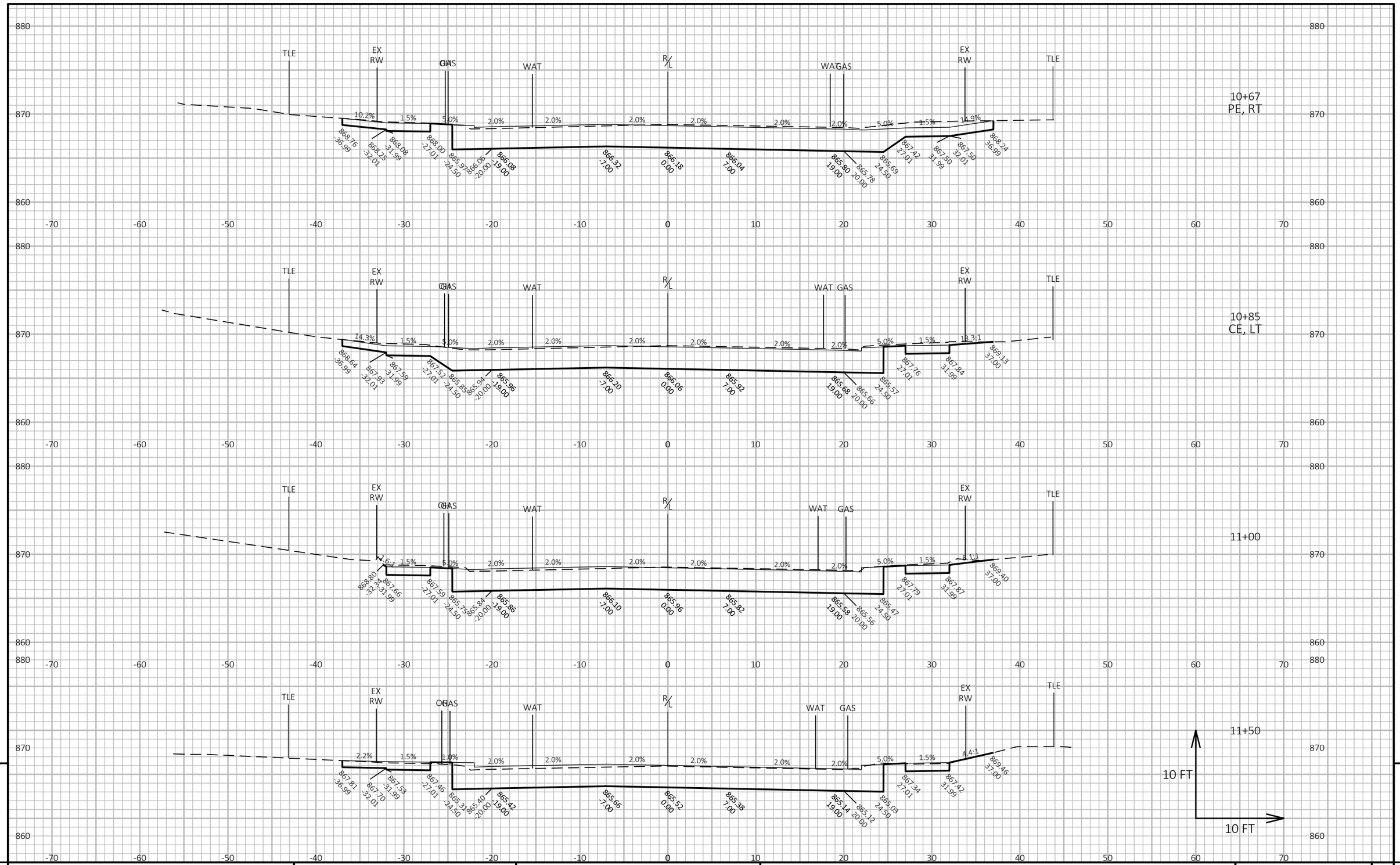
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 572	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 06

PLOT DATE : 4/29/2023 10:48 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 573	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 07

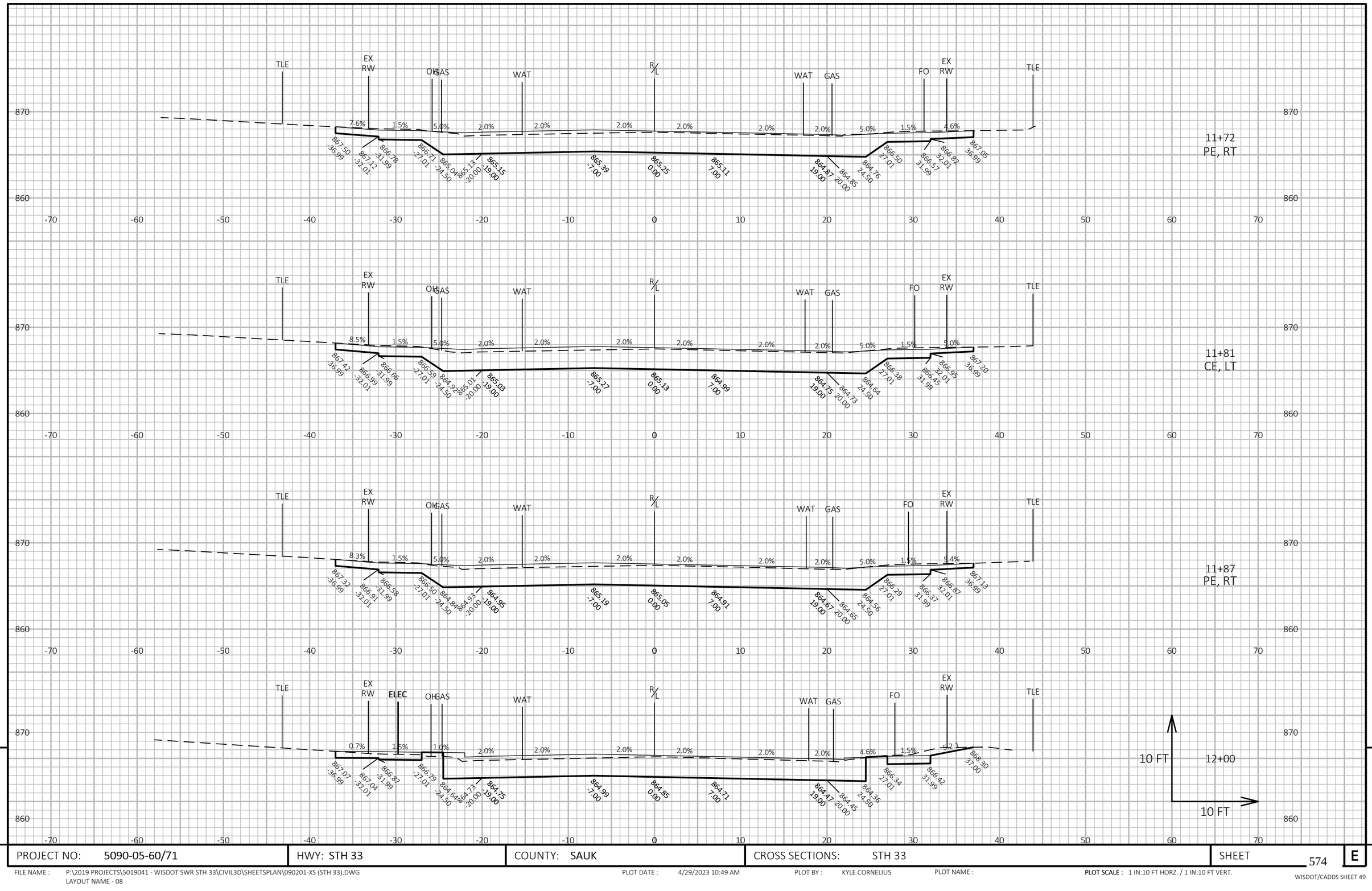
PLOT DATE : 4/29/2023 10:49 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

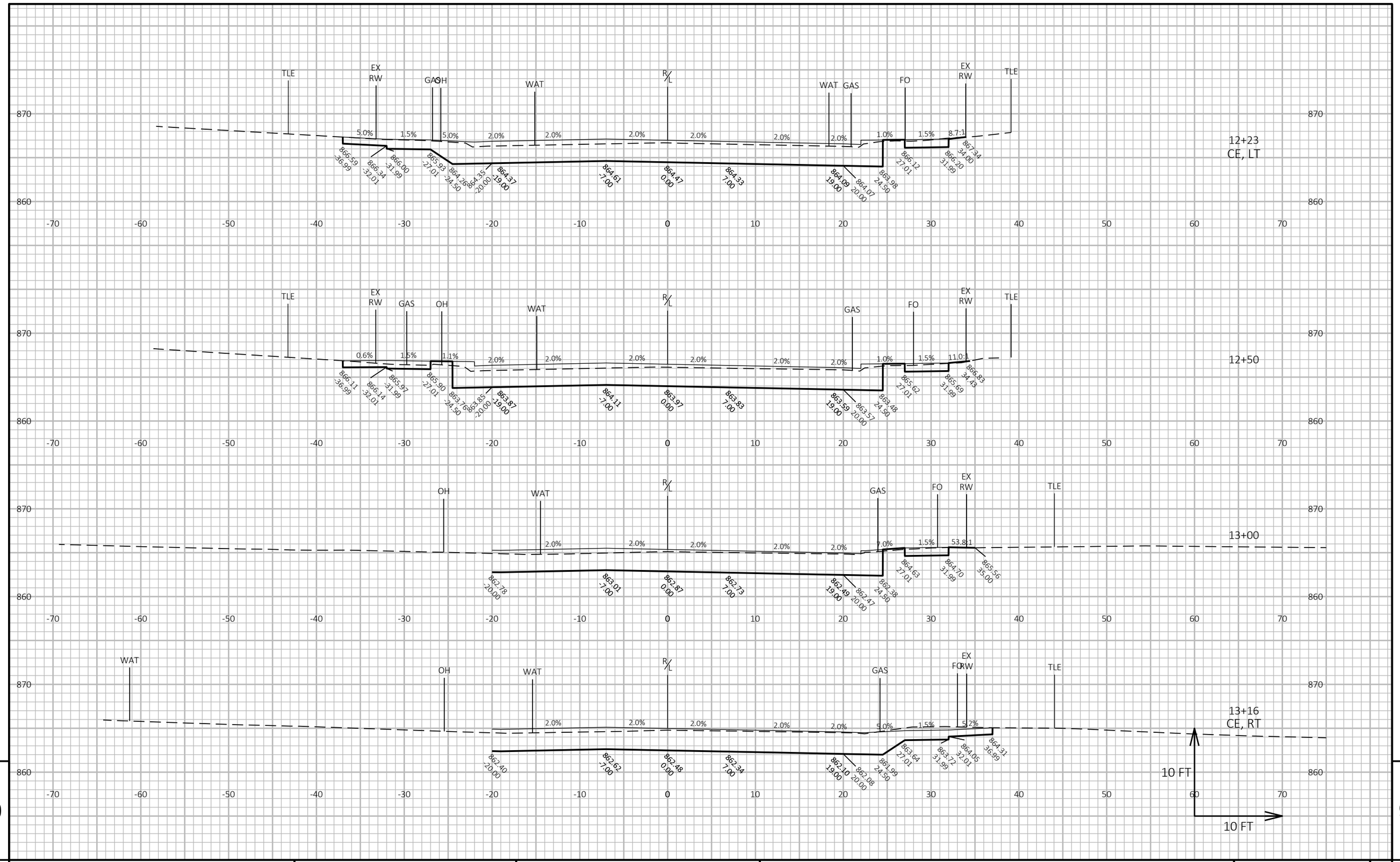


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 574 E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 08

PLOT DATE : 4/29/2023 10:49 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 575	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 09

PLOT DATE : 4/29/2023 10:49 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

CONNIE RD, LT

13+19

13+50

14+00

14+25

CEDAR RD, RT

10 FT

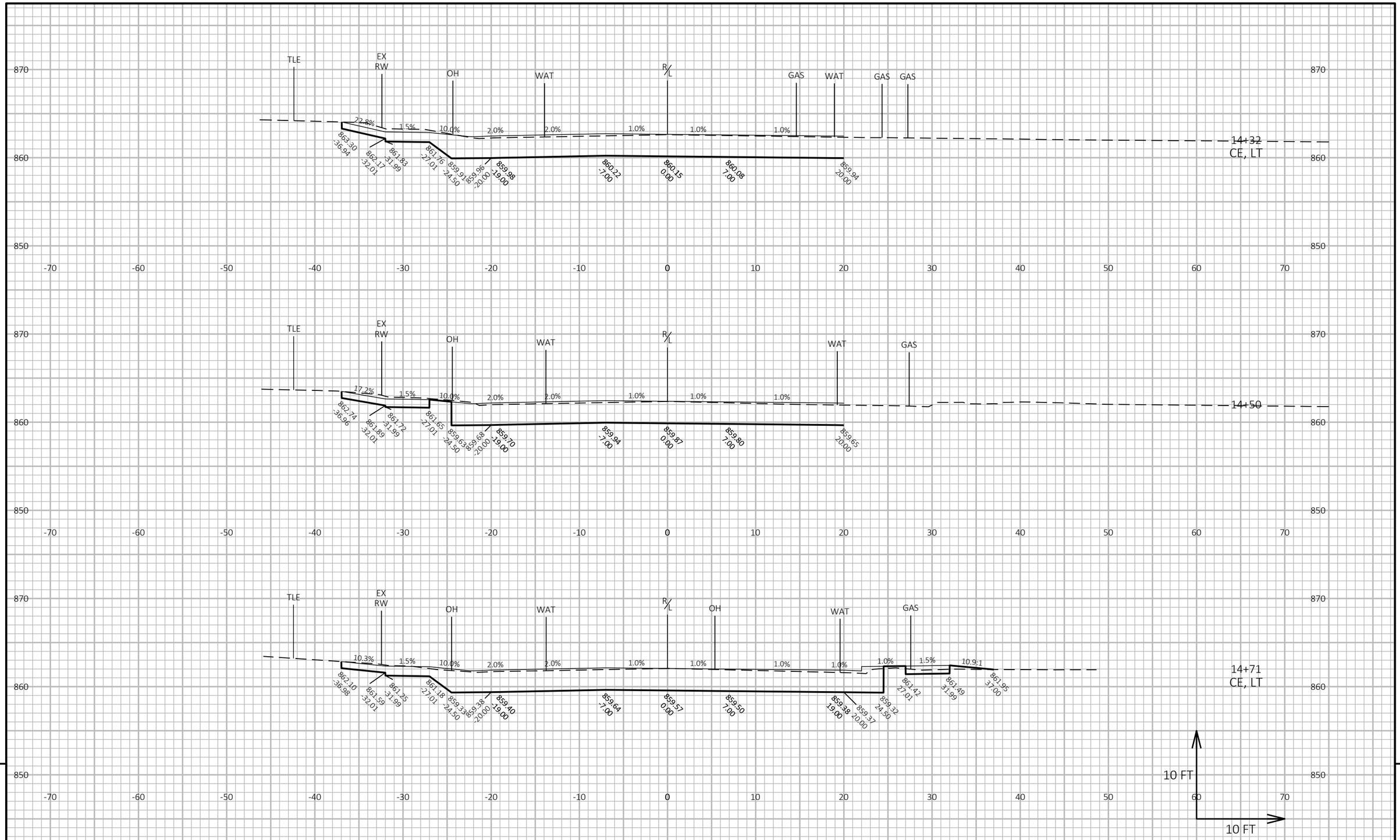
10 FT

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 576 E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 10

PLOT DATE : 4/29/2023 10:50 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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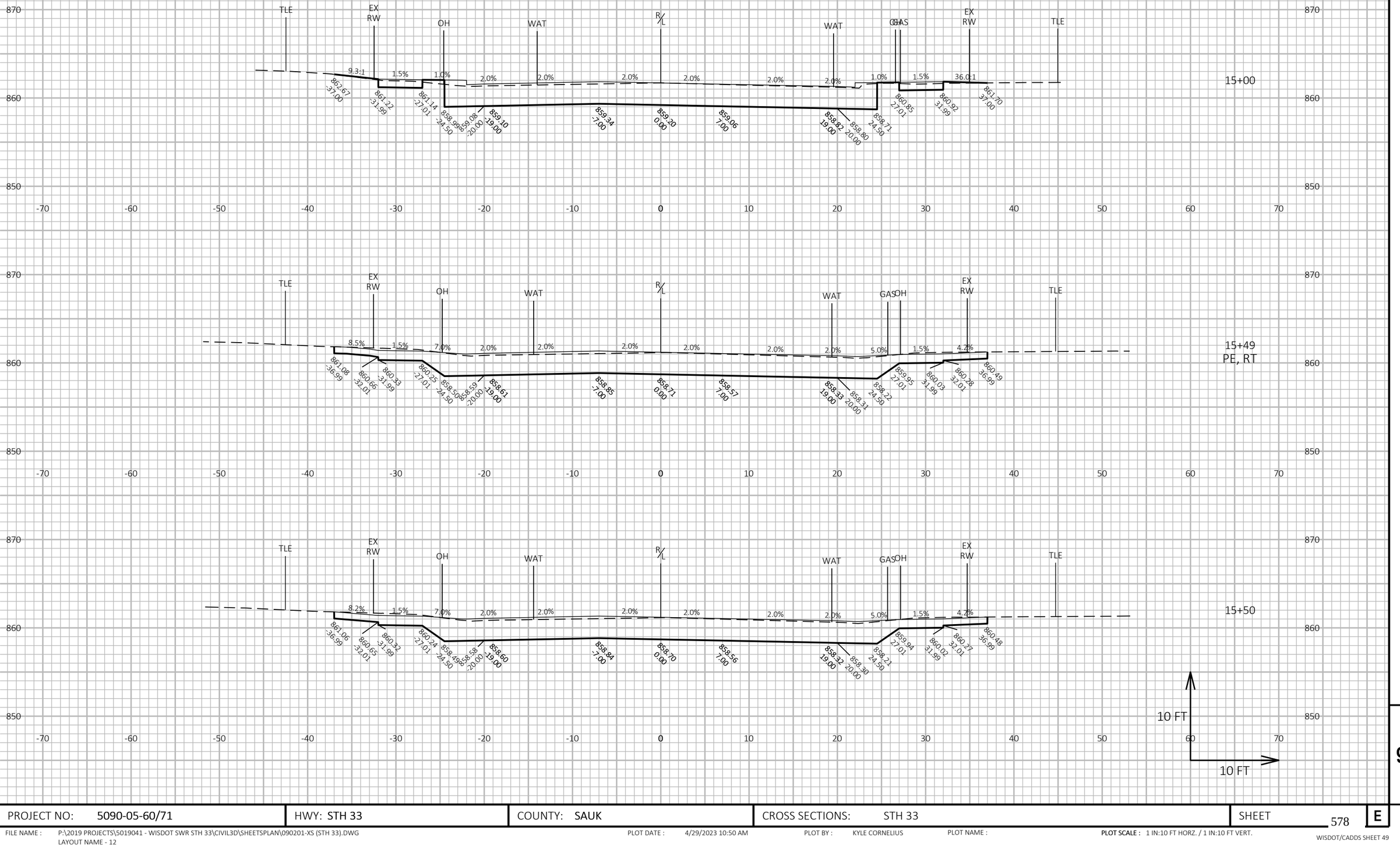
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 577	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 11

PLOT DATE : 4/29/2023 10:50 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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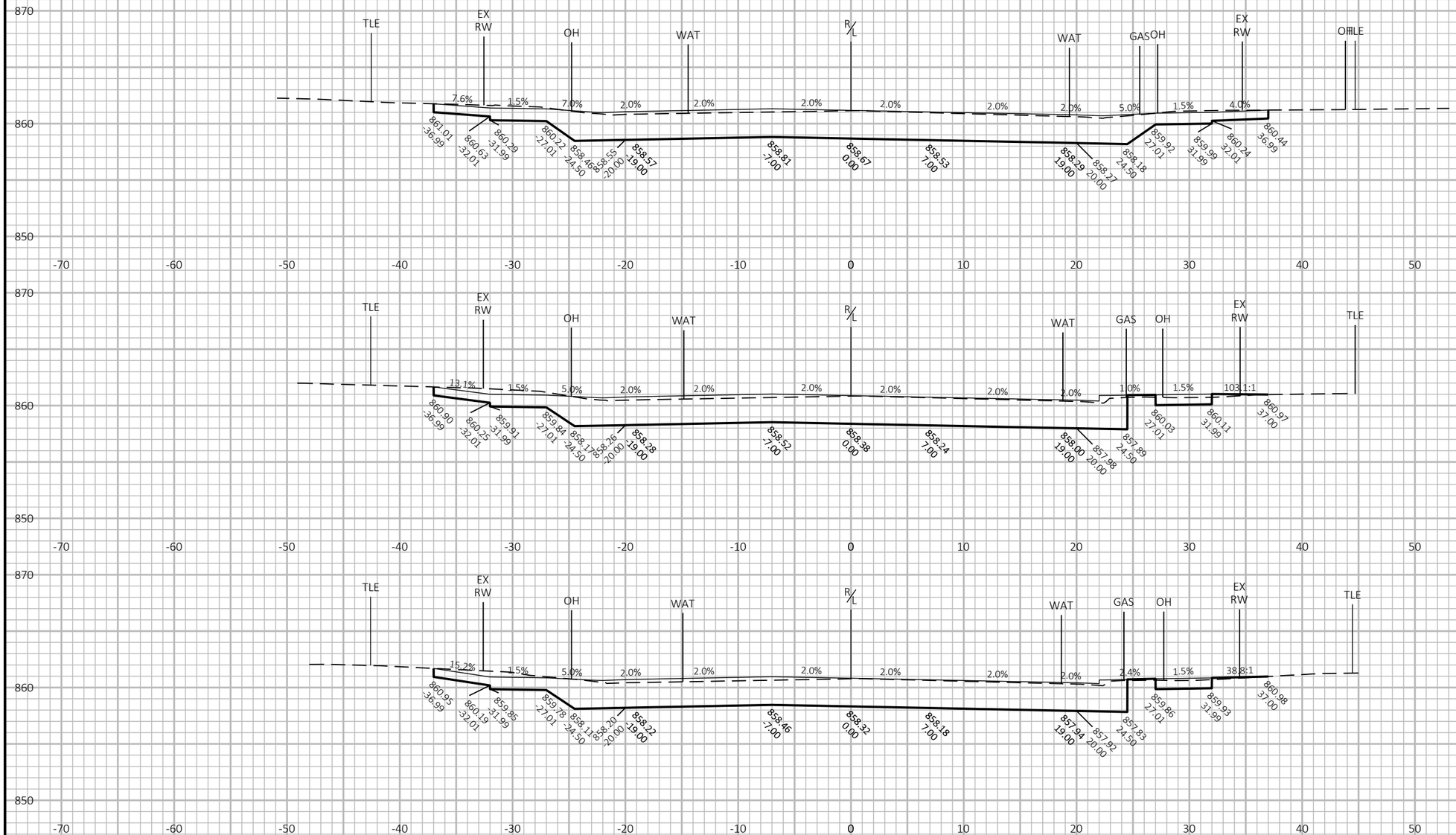
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 578	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 12

PLOT DATE : 4/29/2023 10:50 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

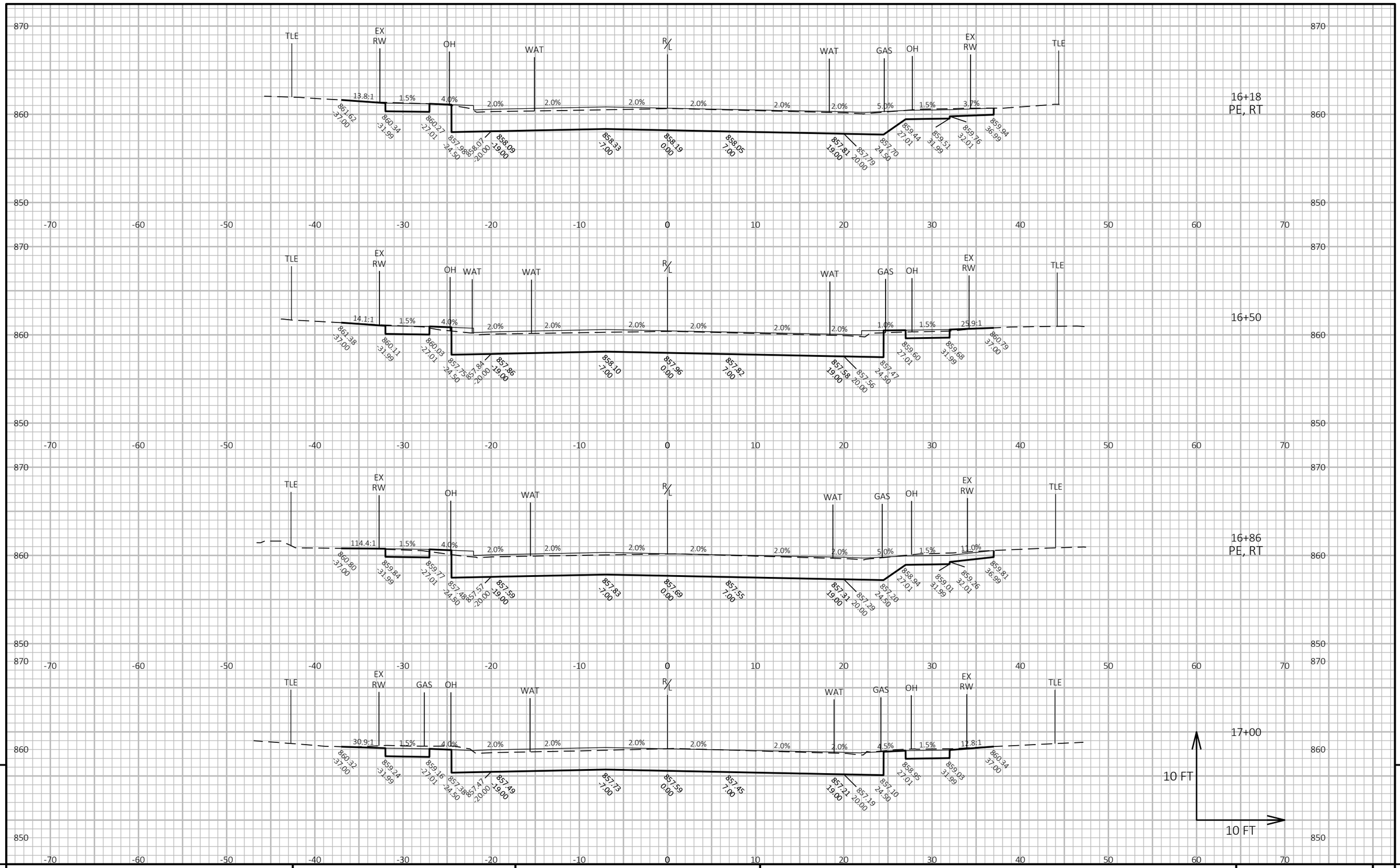


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 579	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 13

PLOT DATE : 4/29/2023 10:51 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 580	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 14

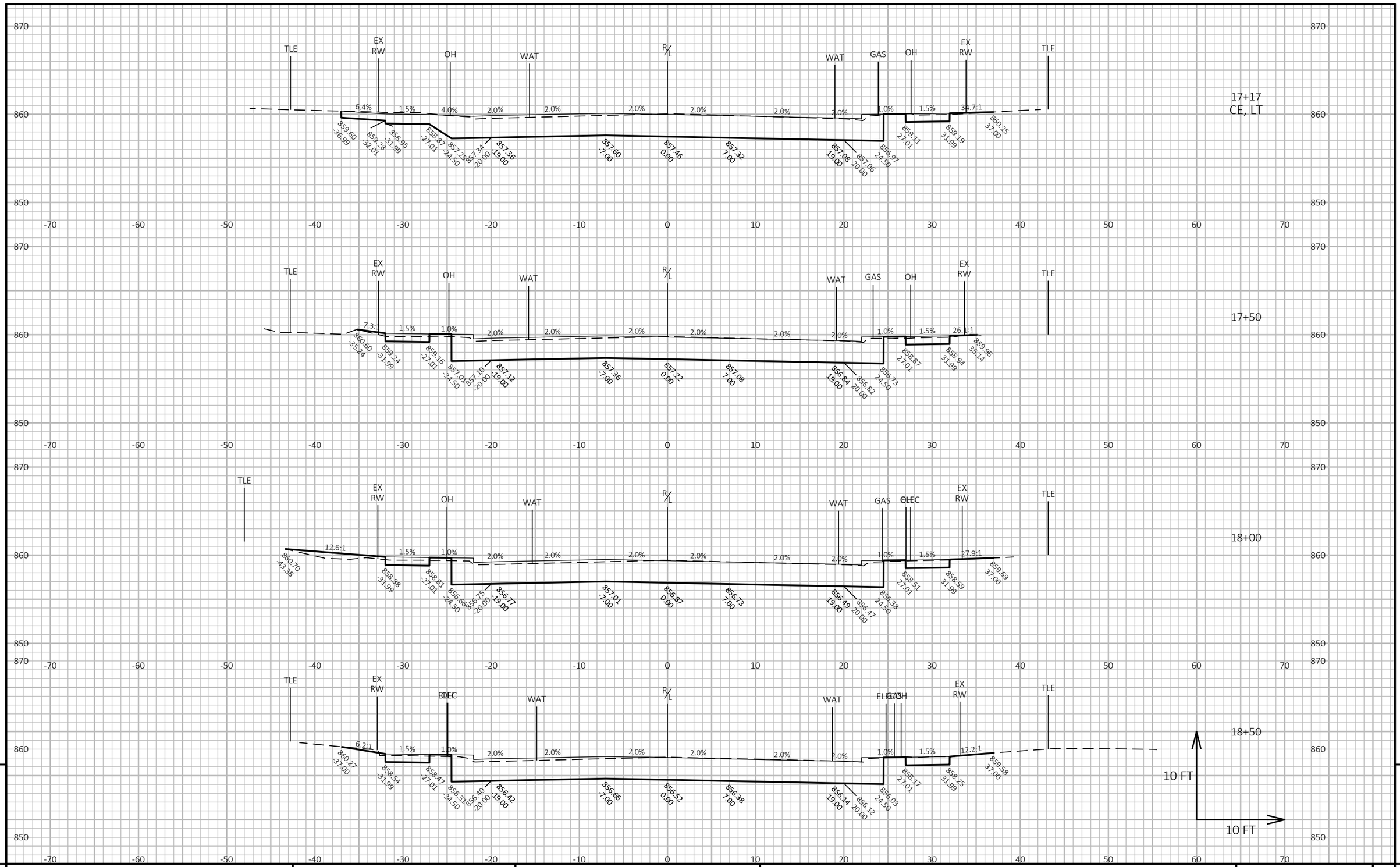
PLOT DATE : 4/29/2023 10:51 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



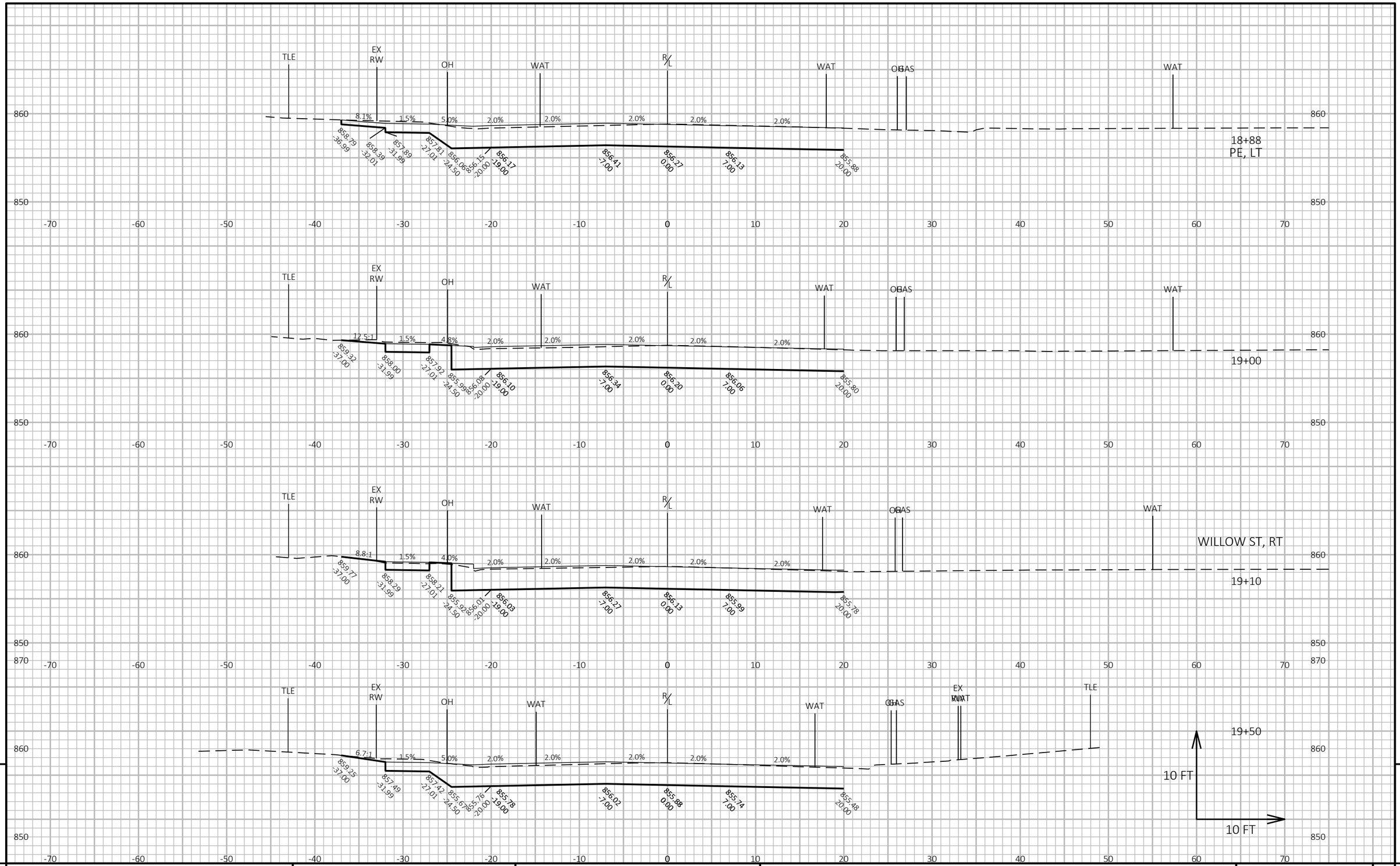
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 581	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 15

PLOT DATE : 4/29/2023 10:51 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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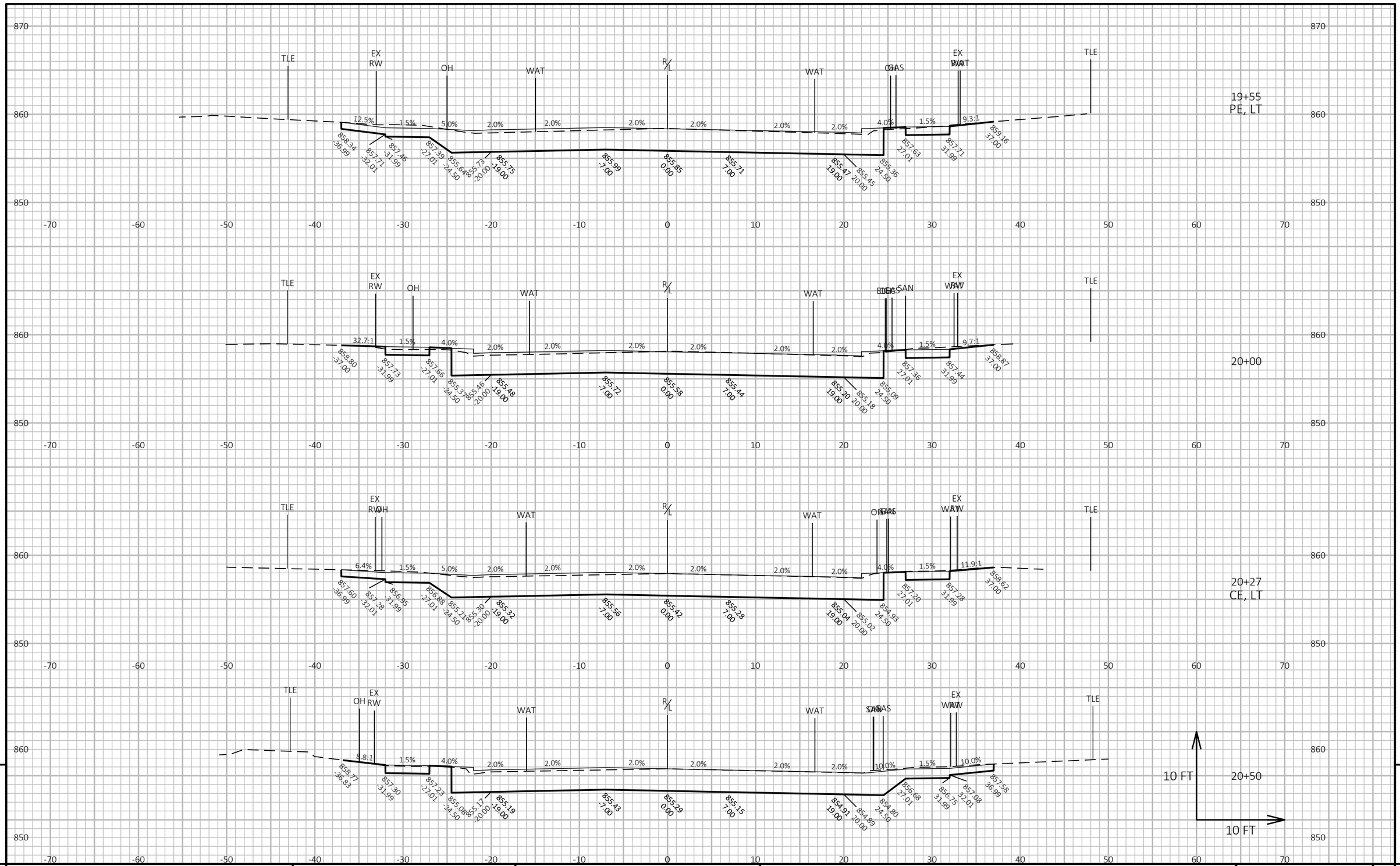
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 582	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 16

PLOT DATE : 4/29/2023 10:52 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 583	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 17

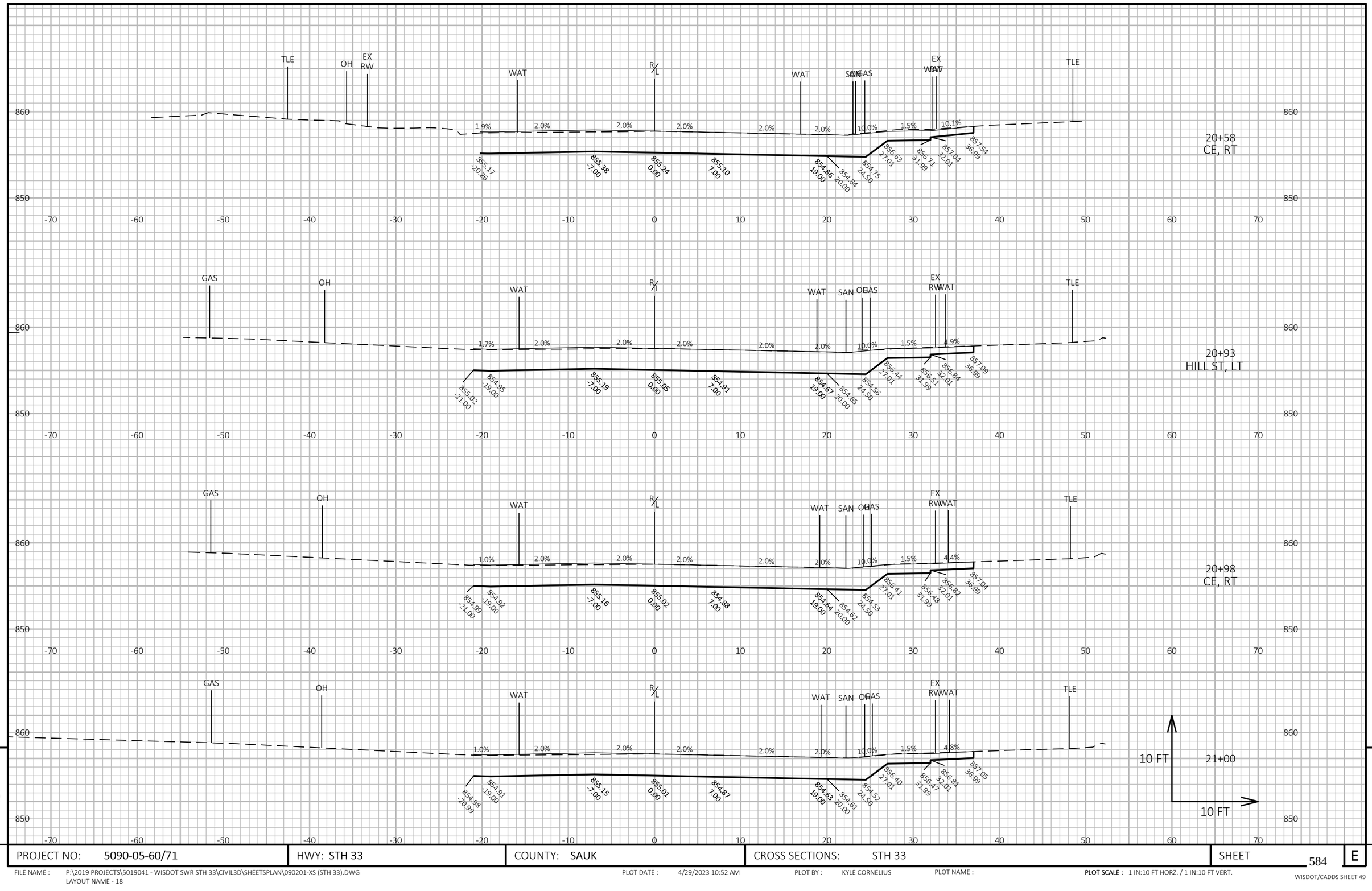
PLOT DATE : 4/29/2023 10:52 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

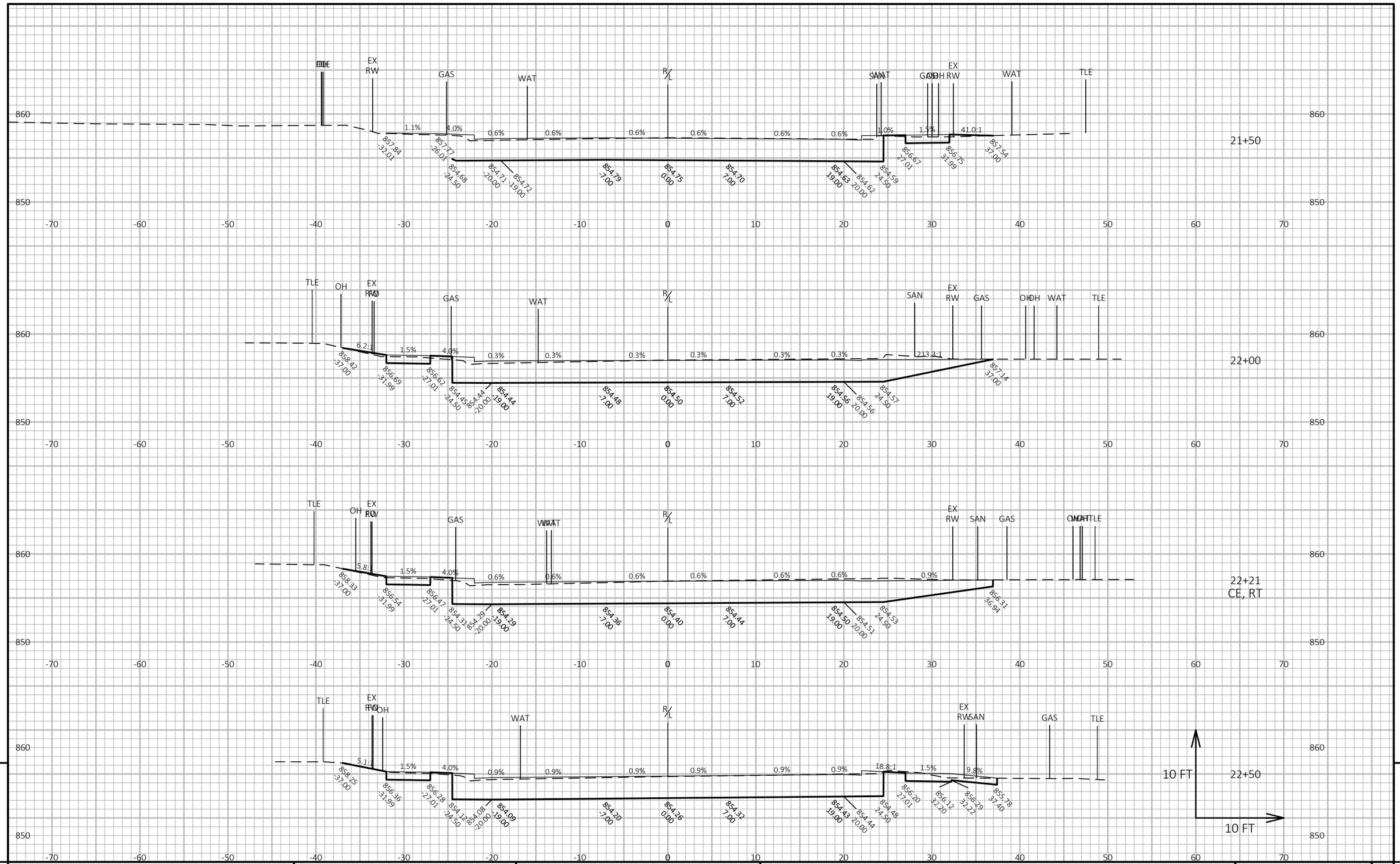
WISDOT/CADDS SHEET 49



9 9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 584	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 18
PLOT DATE : 4/29/2023 10:52 AM
PLOT BY : KYLE CORNELIUS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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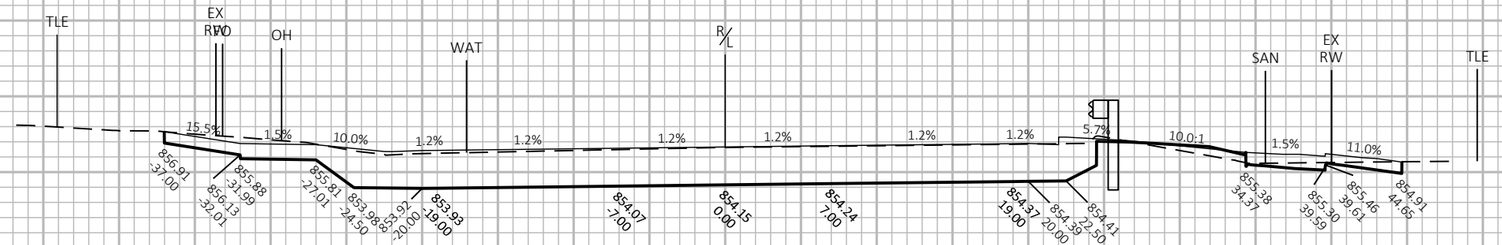
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 585	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 19

PLOT DATE : 4/29/2023 10:53 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

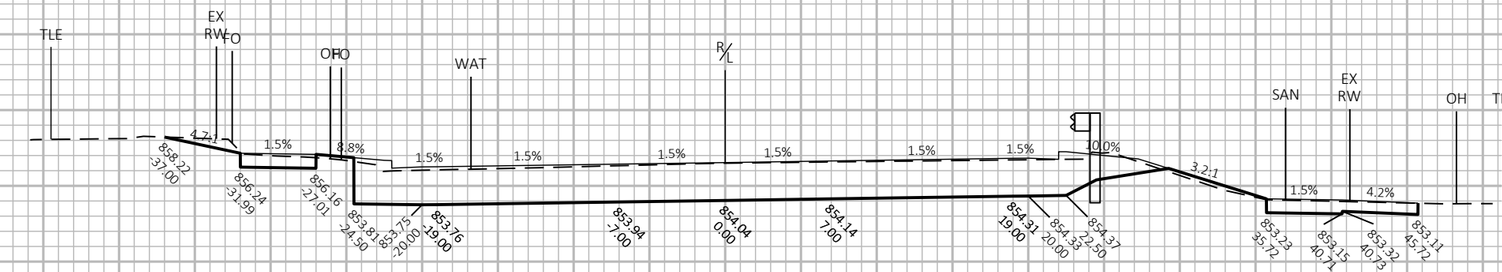
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

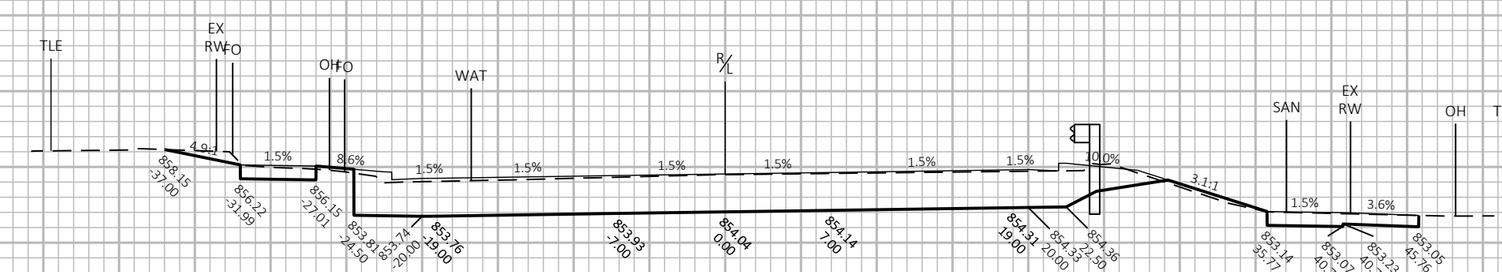


22+73
EAT
POST 1
RIGHT

22+76
PE, LT



22+99
EAT
POST 5
RIGHT



10 FT
23+00
10 FT

9

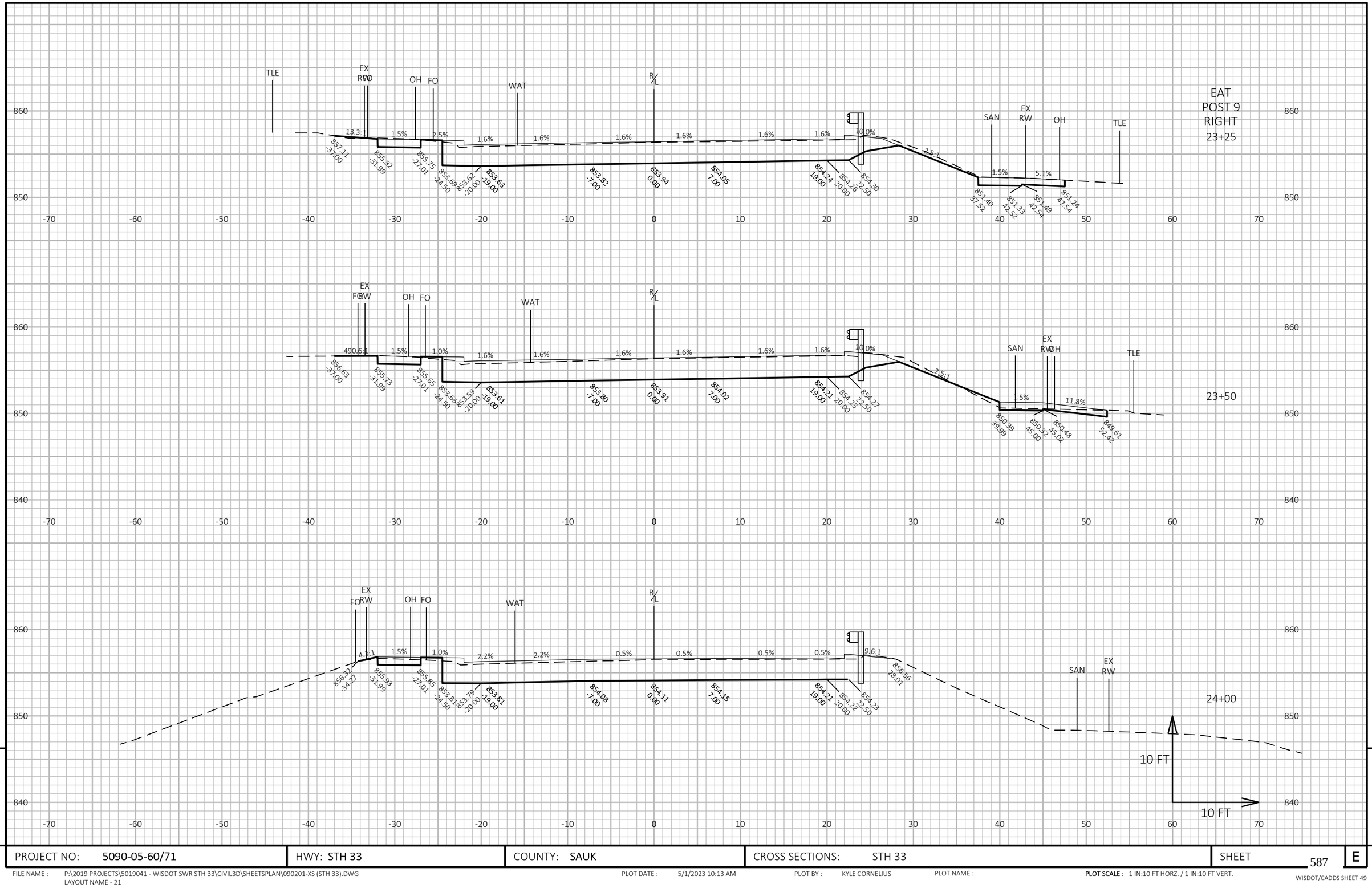
9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 586	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 20

PLOT DATE : 4/29/2023 10:53 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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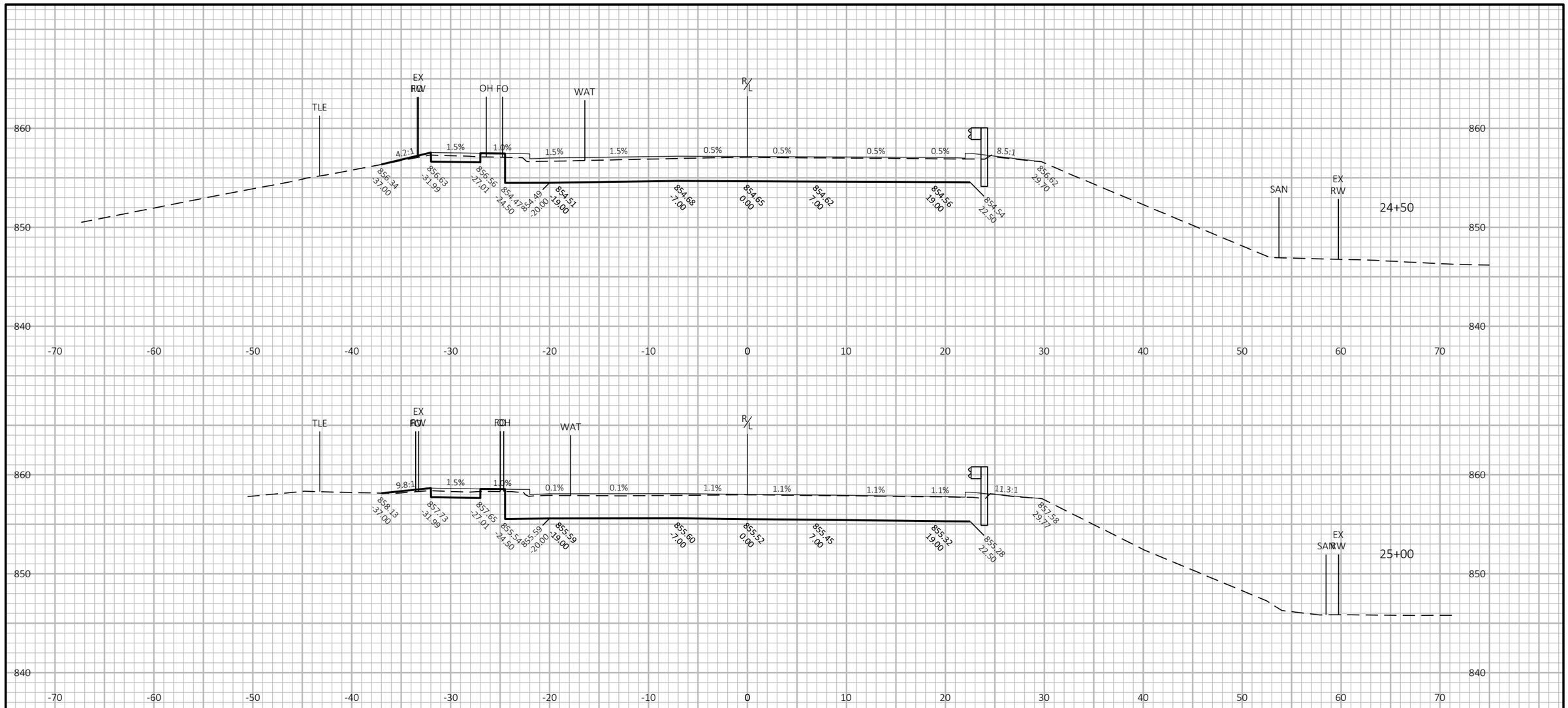
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 587	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 21

PLOT DATE : 5/1/2023 10:13 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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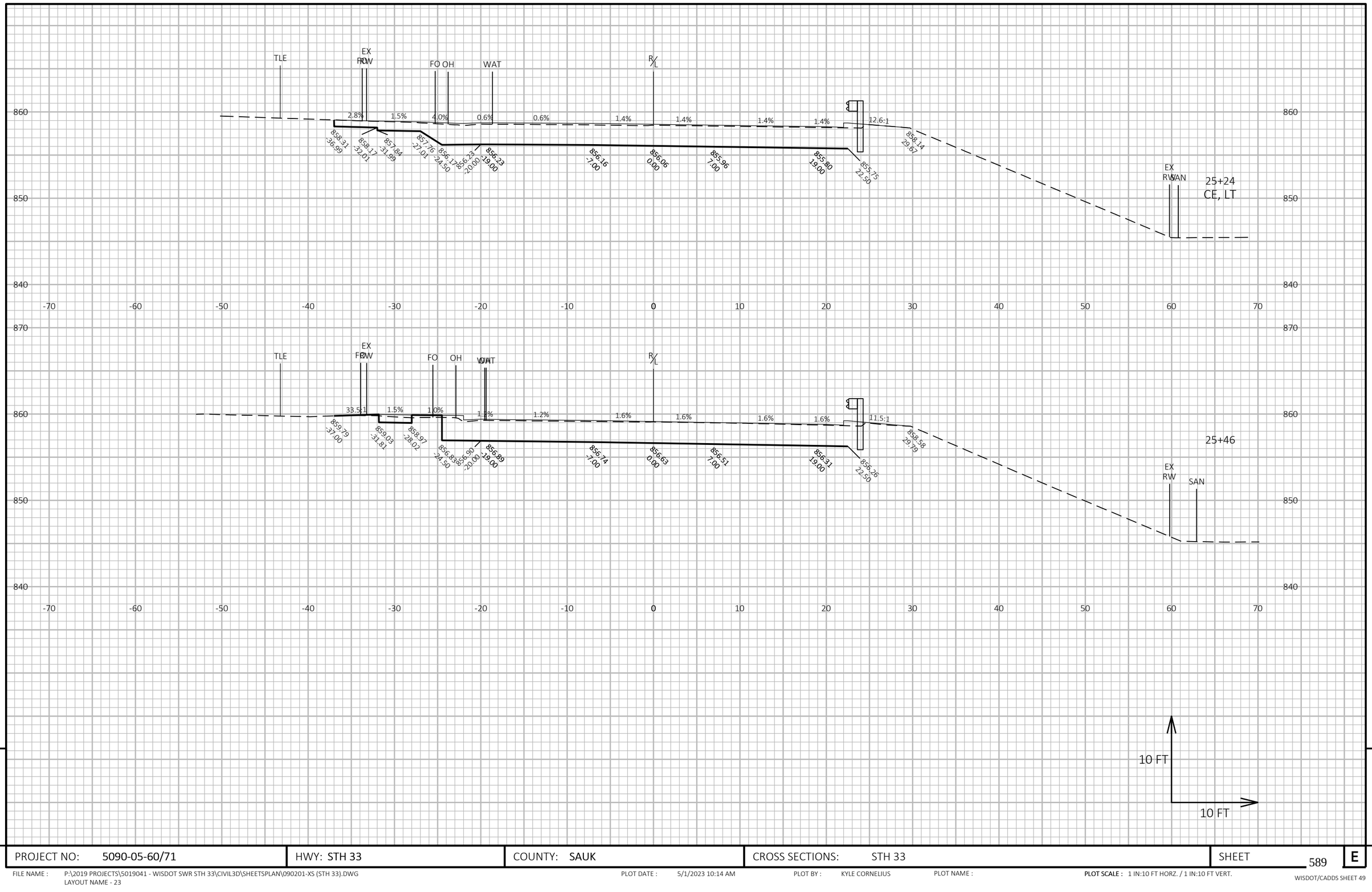
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 588	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 22

PLOT DATE : 5/1/2023 10:13 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 589	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090201-XS (STH 33).DWG
LAYOUT NAME - 23

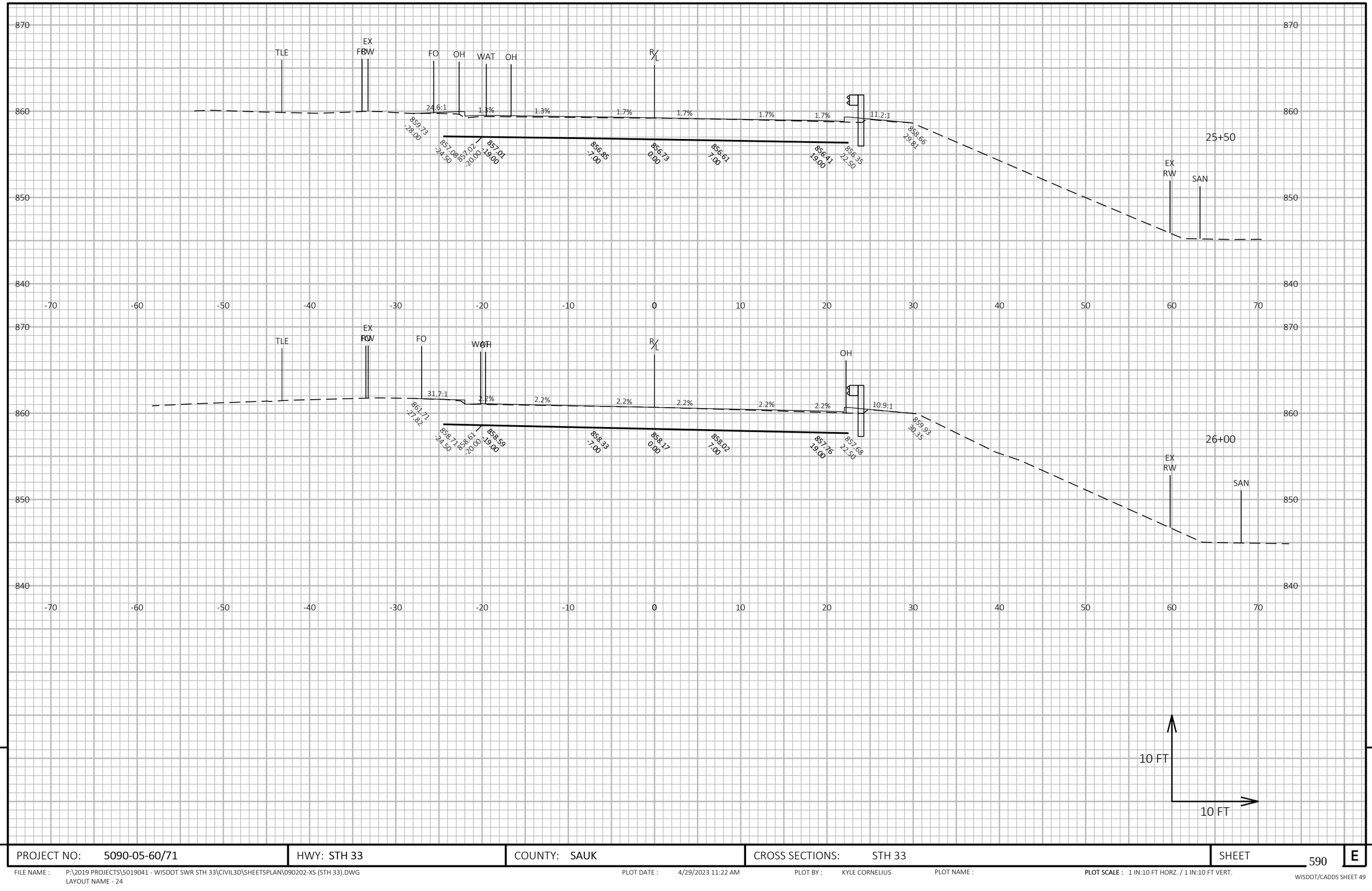
PLOT DATE : 5/1/2023 10:14 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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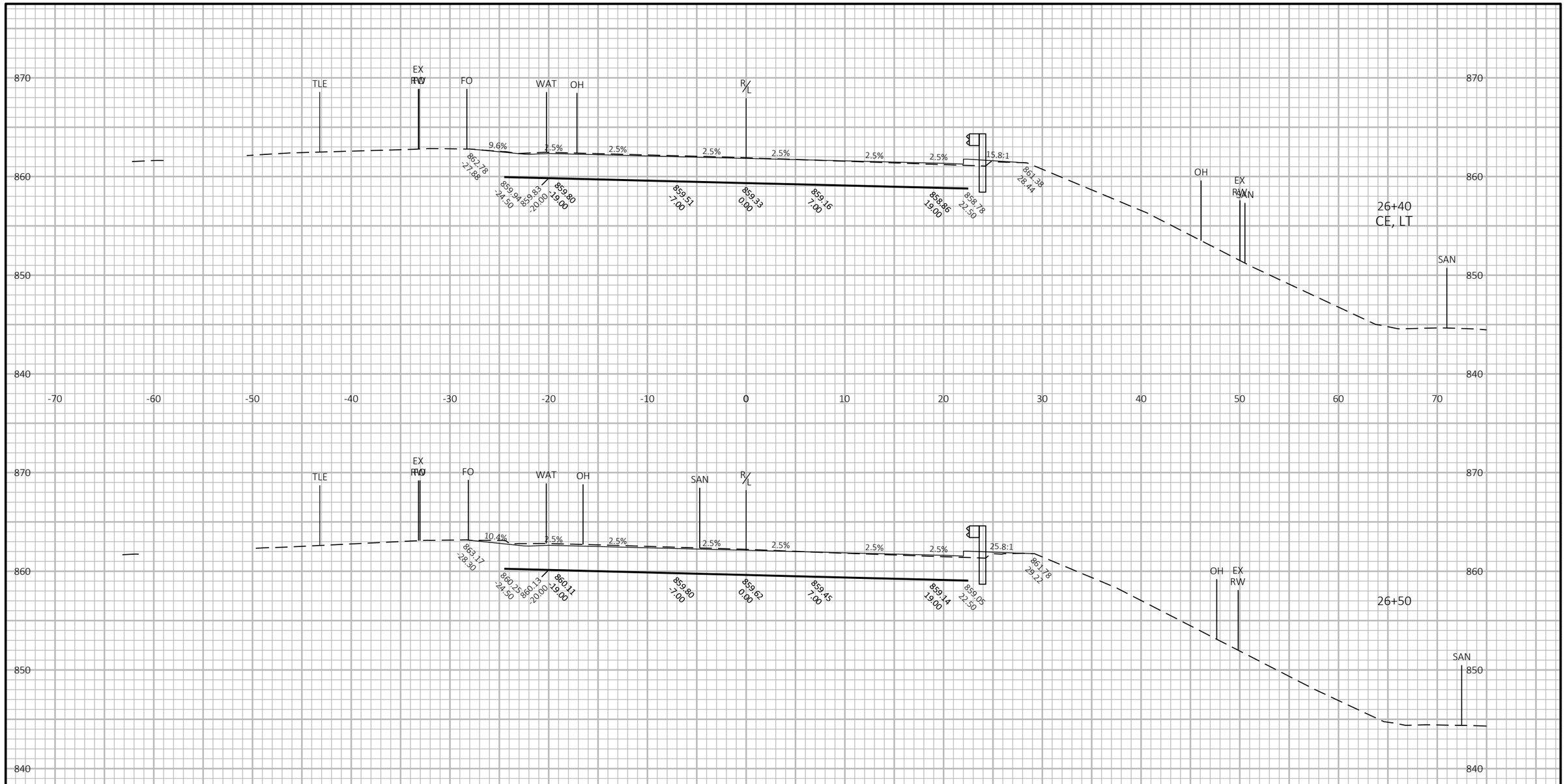
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 590	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 24

PLOT DATE : 4/29/2023 11:22 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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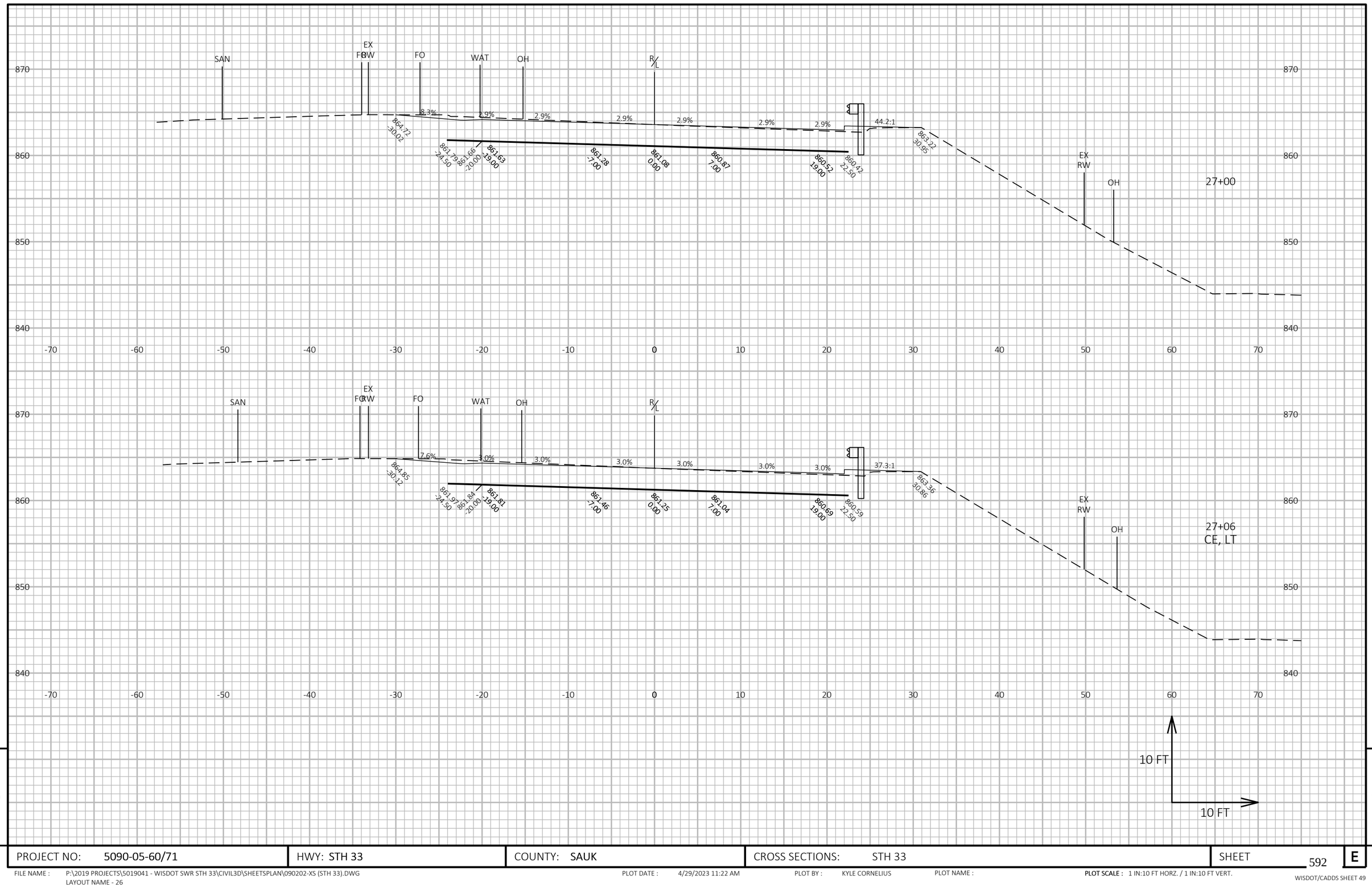
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 591	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 25

PLOT DATE : 4/29/2023 11:22 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

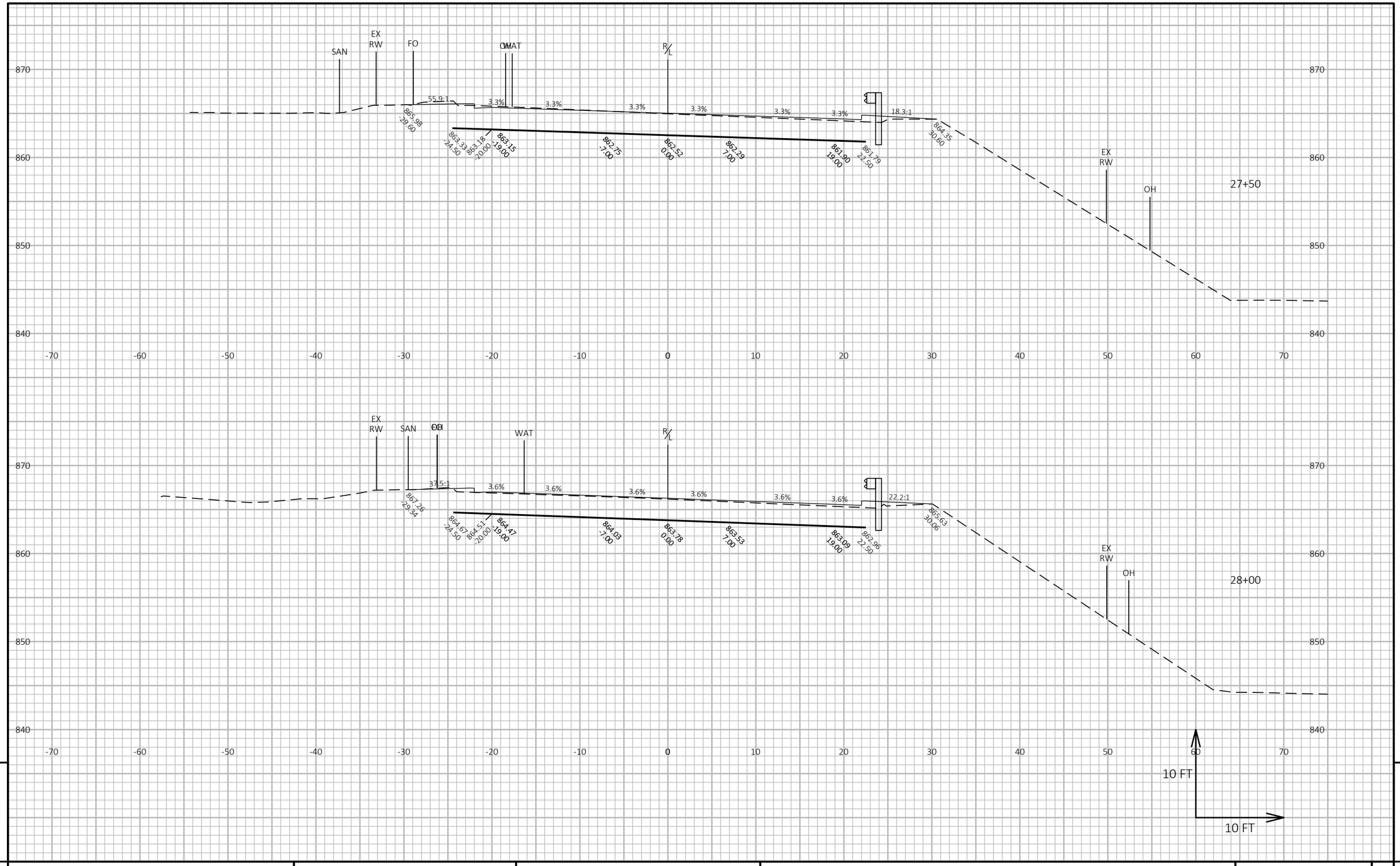


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 592	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 26

PLOT DATE : 4/29/2023 11:22 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



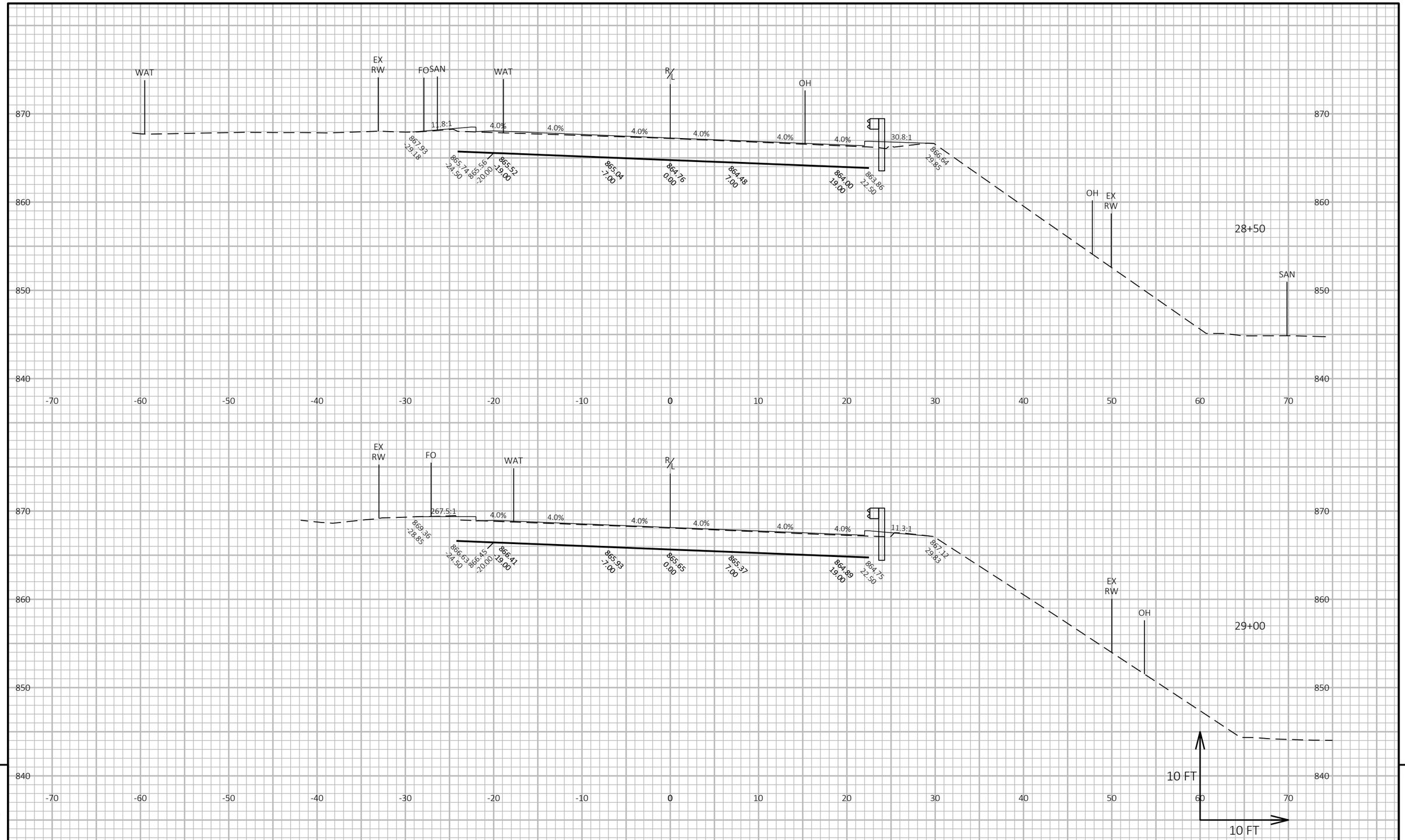
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 593	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 27

PLOT DATE : 4/29/2023 11:22 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



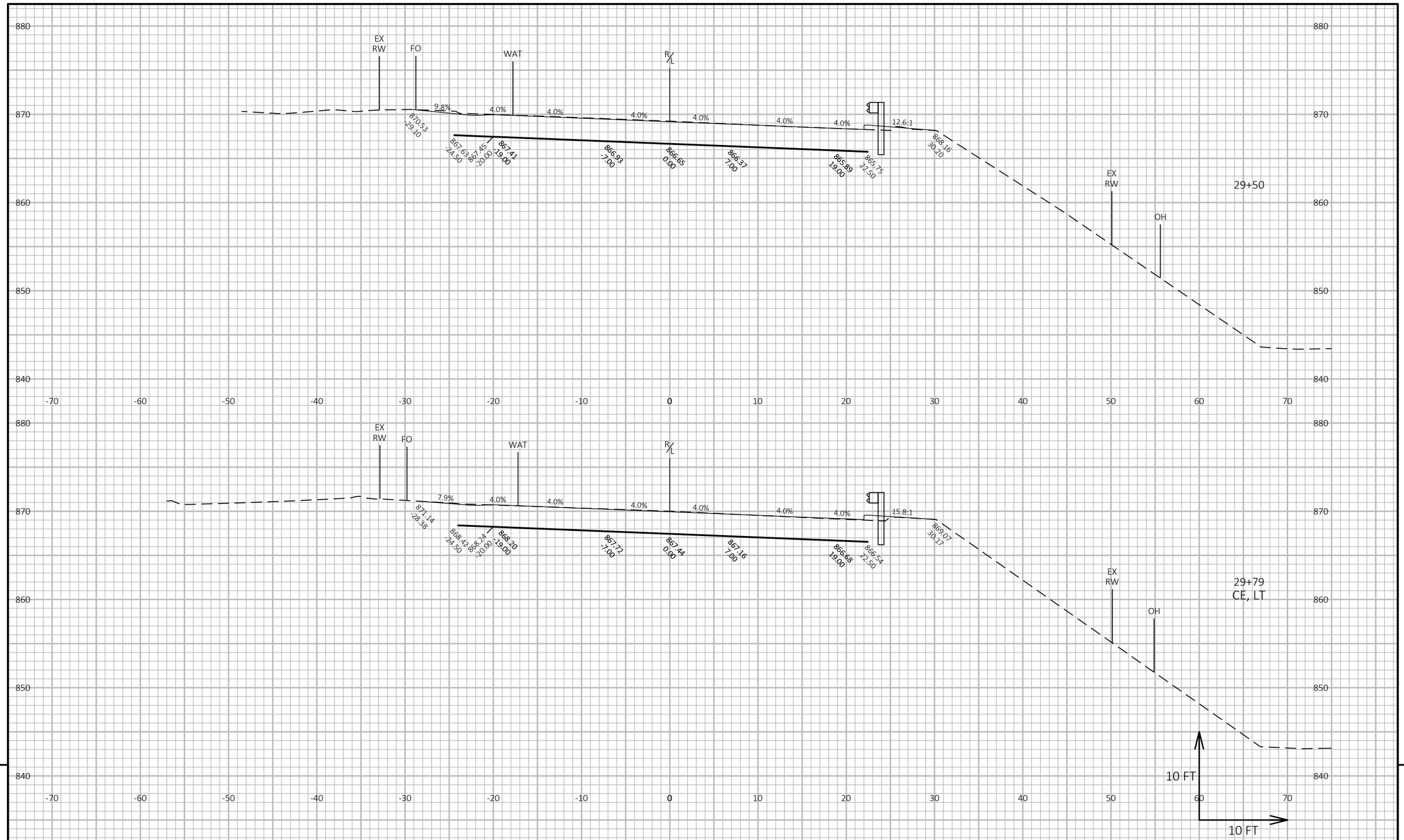
9 9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 594	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 28

PLOT DATE : 4/29/2023 11:22 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

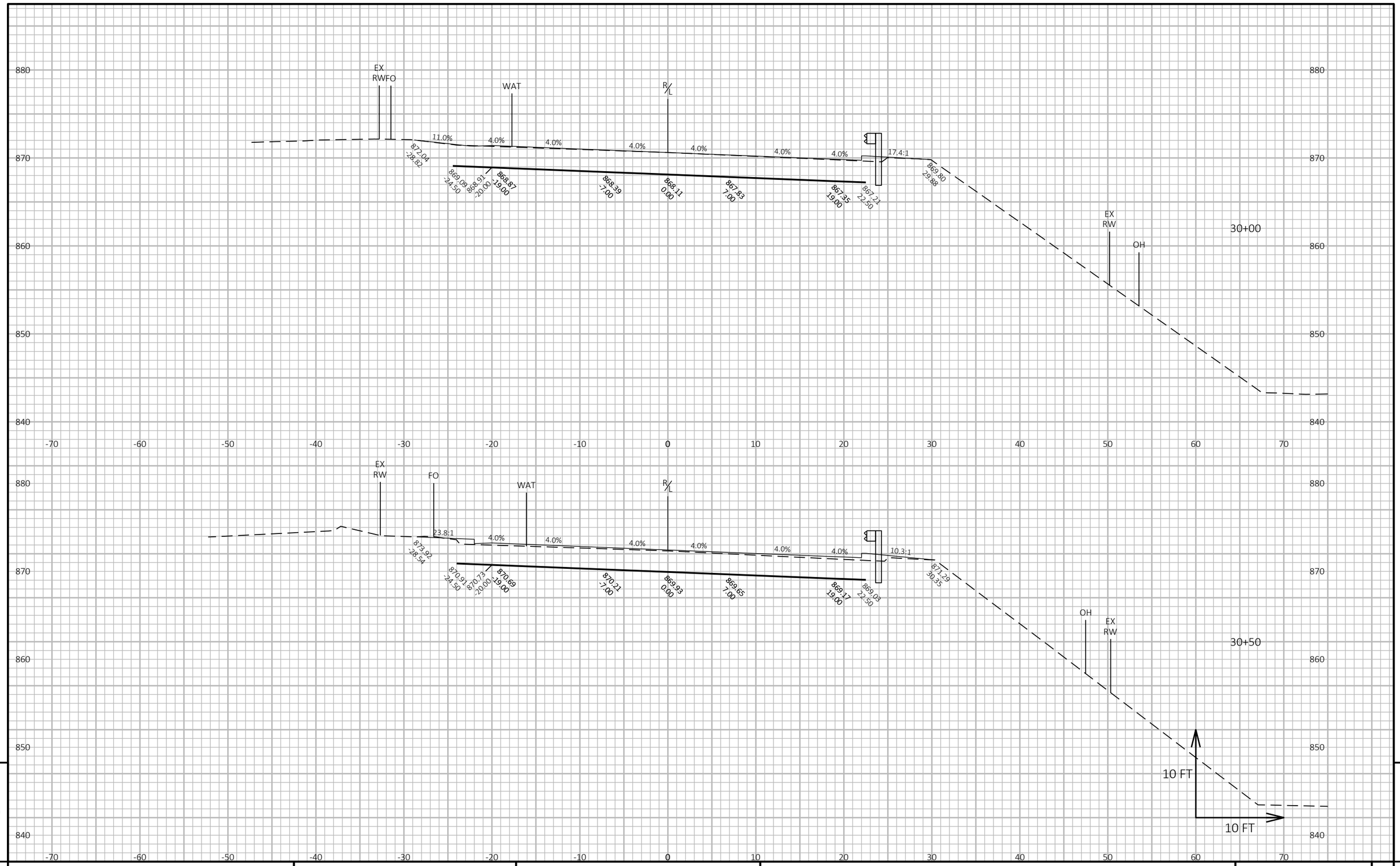
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 595	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 29

PLOT DATE : 4/29/2023 11:22 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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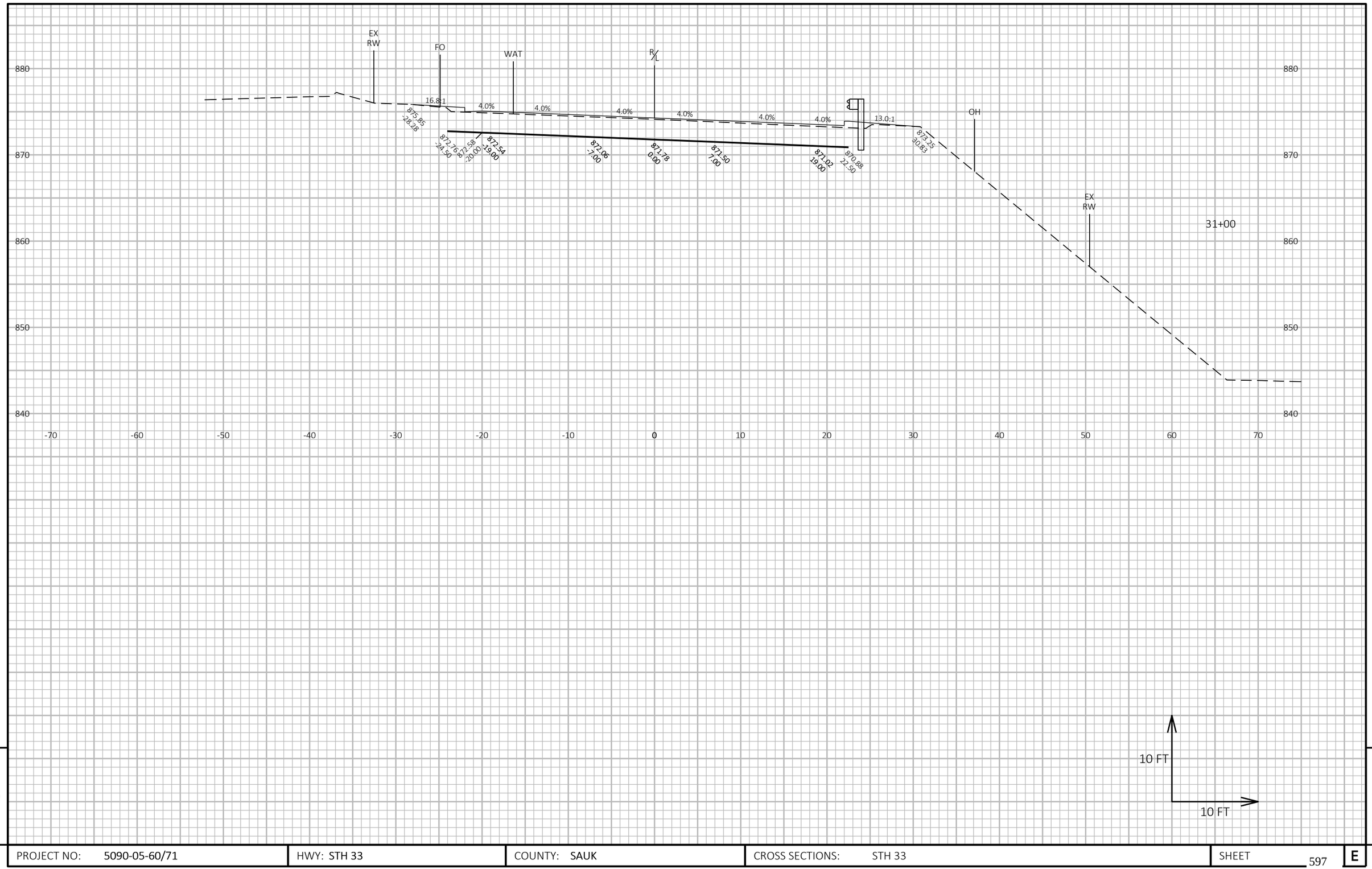
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 596	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 30

PLOT DATE : 4/29/2023 11:22 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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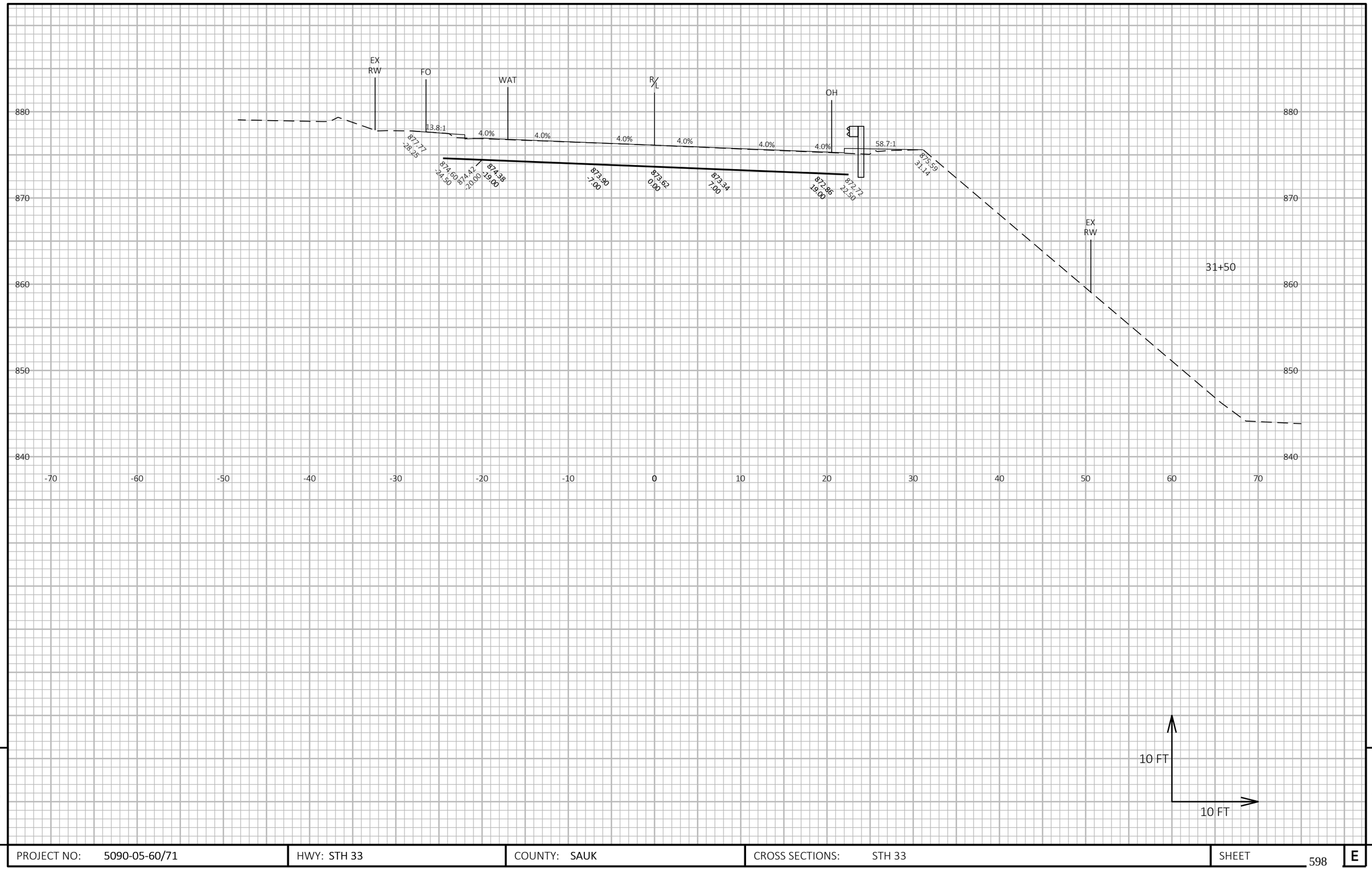
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 597	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 31

PLOT DATE : 4/29/2023 11:22 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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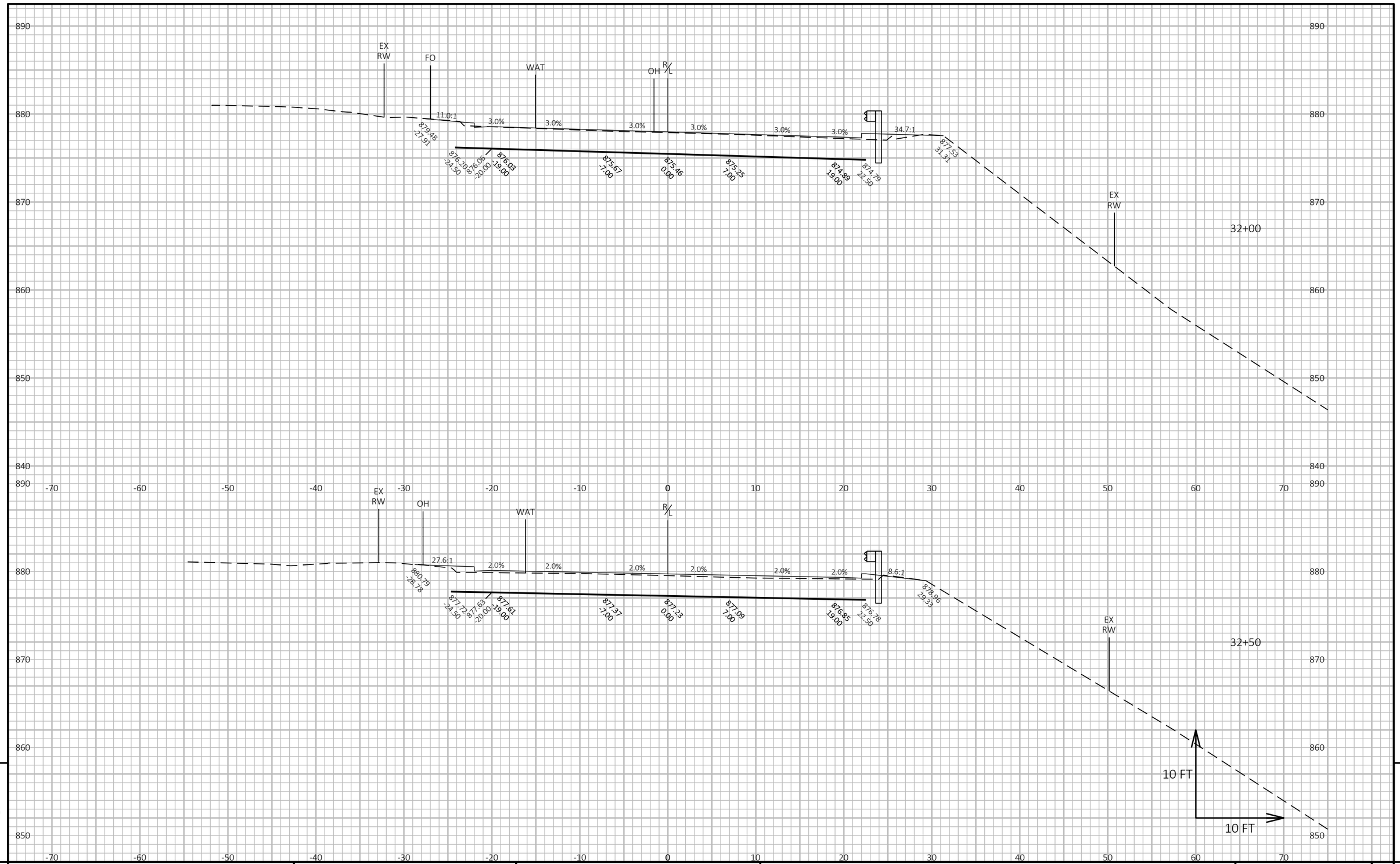
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 598	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 32

PLOT DATE : 4/29/2023 11:22 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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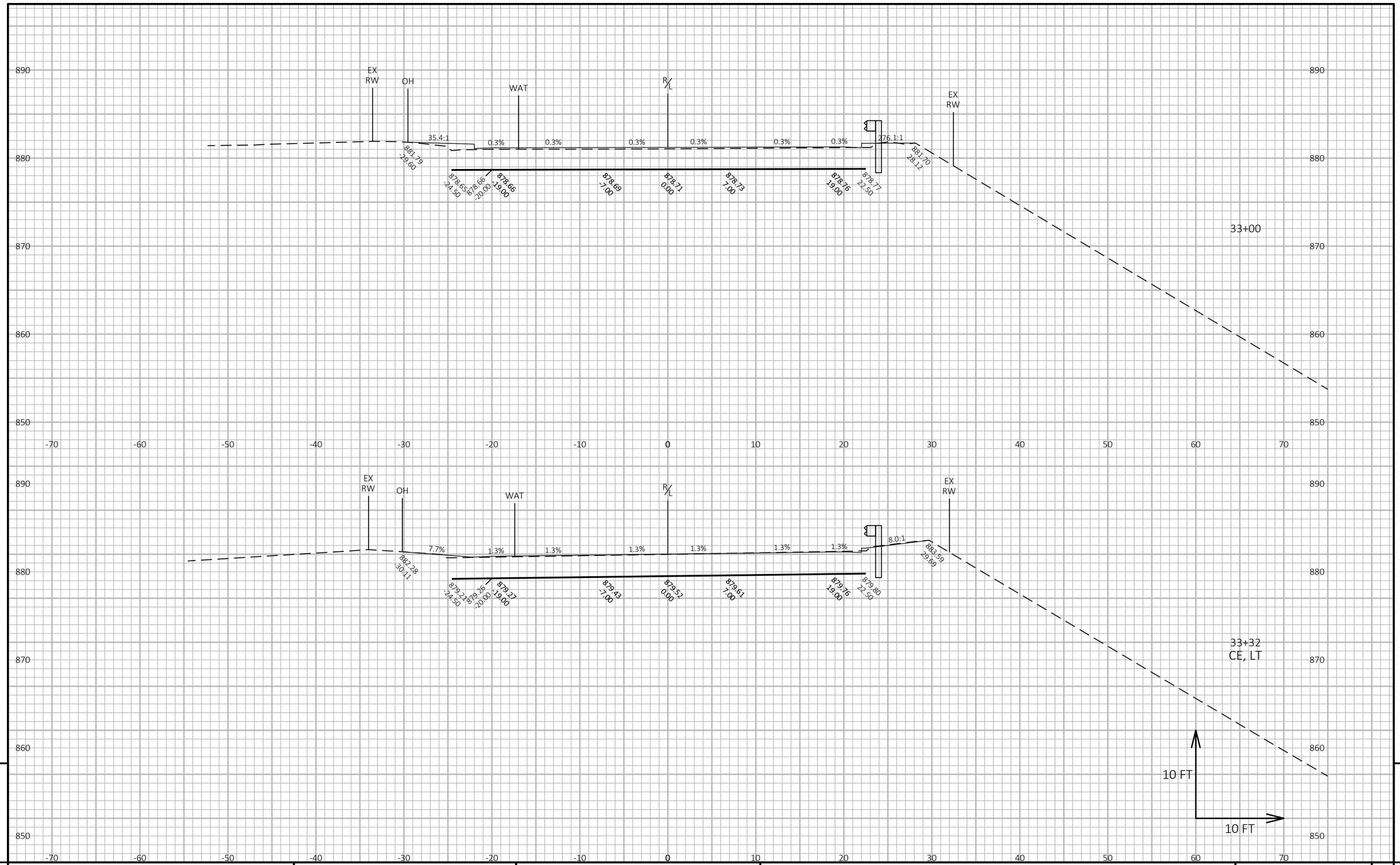
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 599	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 33

PLOT DATE : 4/29/2023 11:23 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

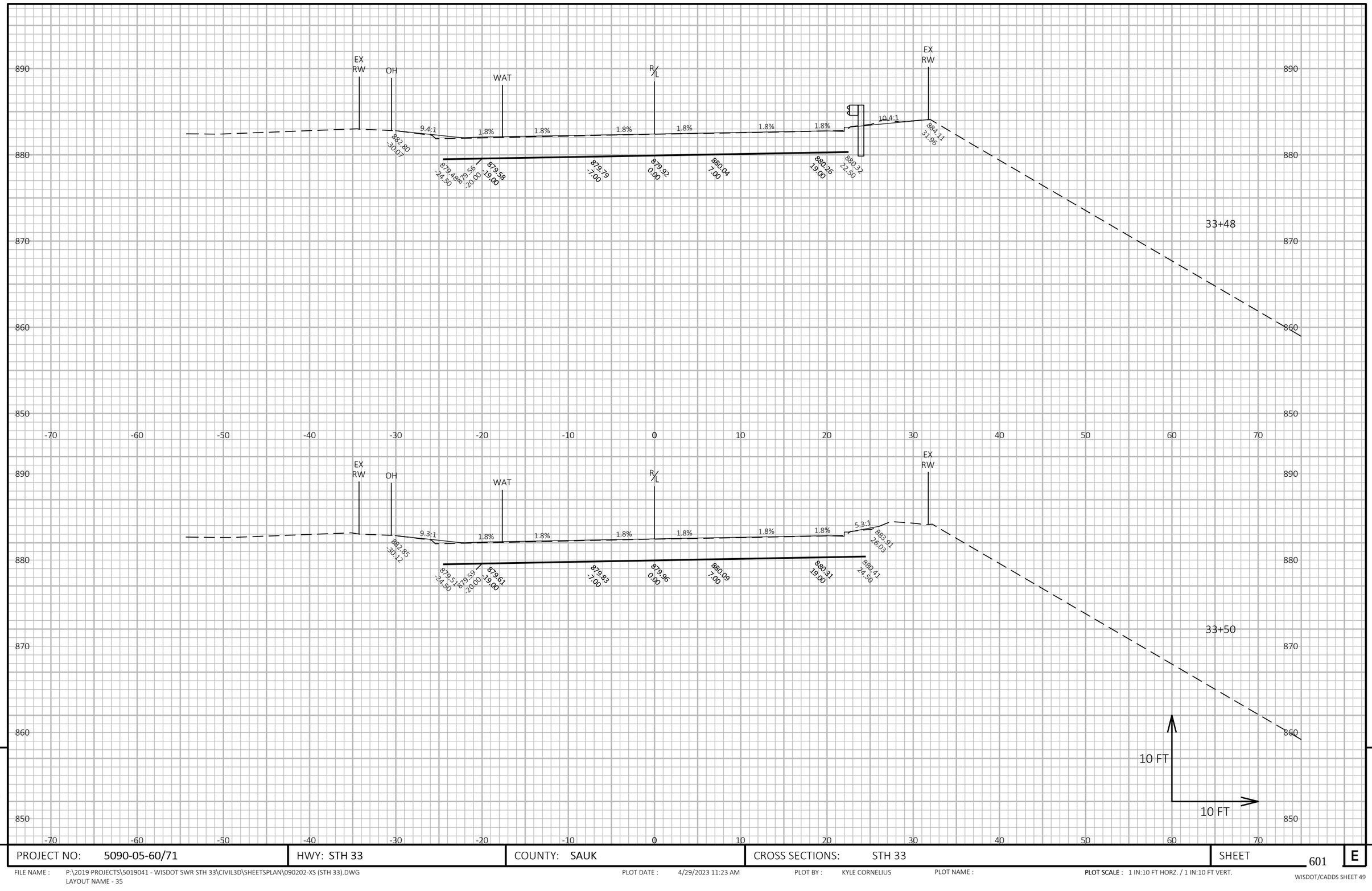


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 600	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 34

PLOT DATE : 4/29/2023 11:23 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

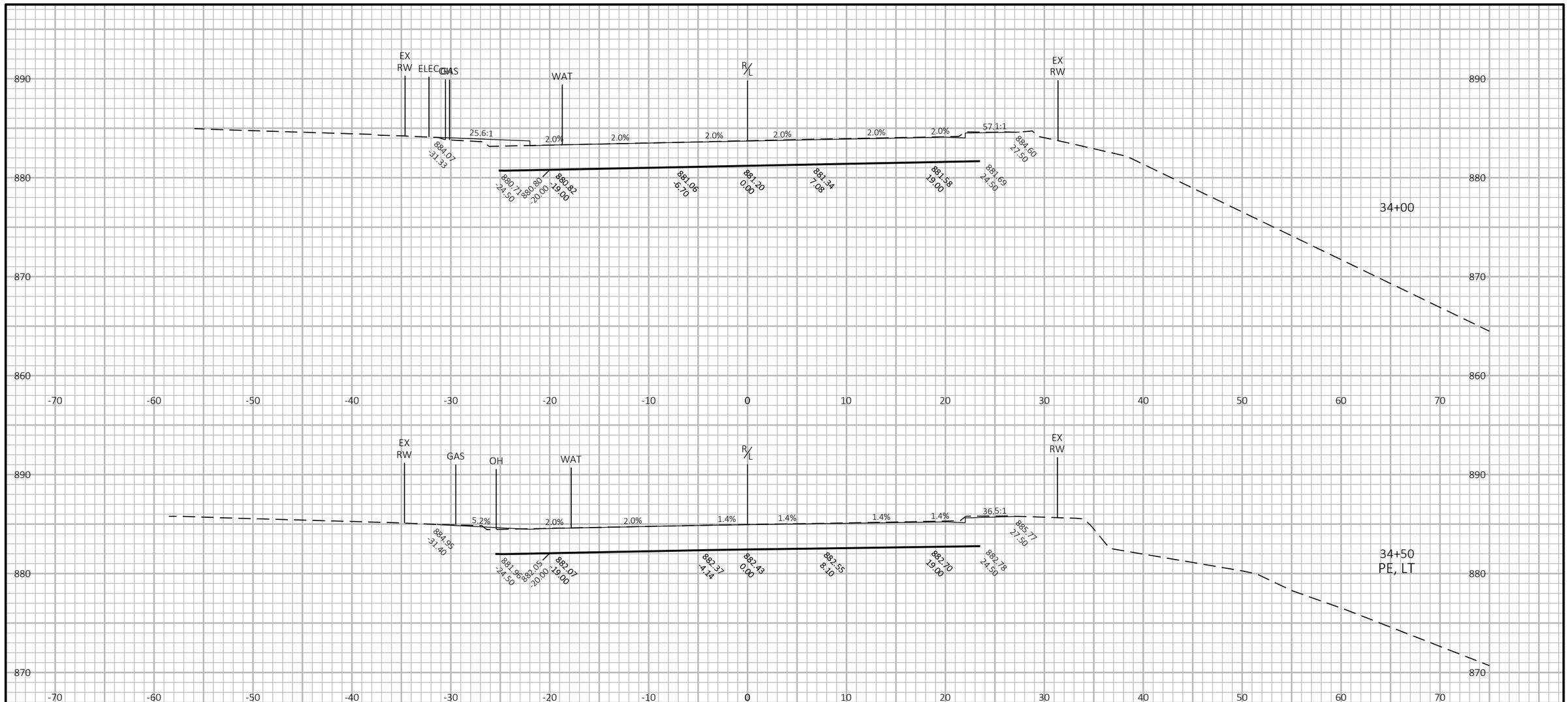


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 601	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 35

PLOT DATE : 4/29/2023 11:23 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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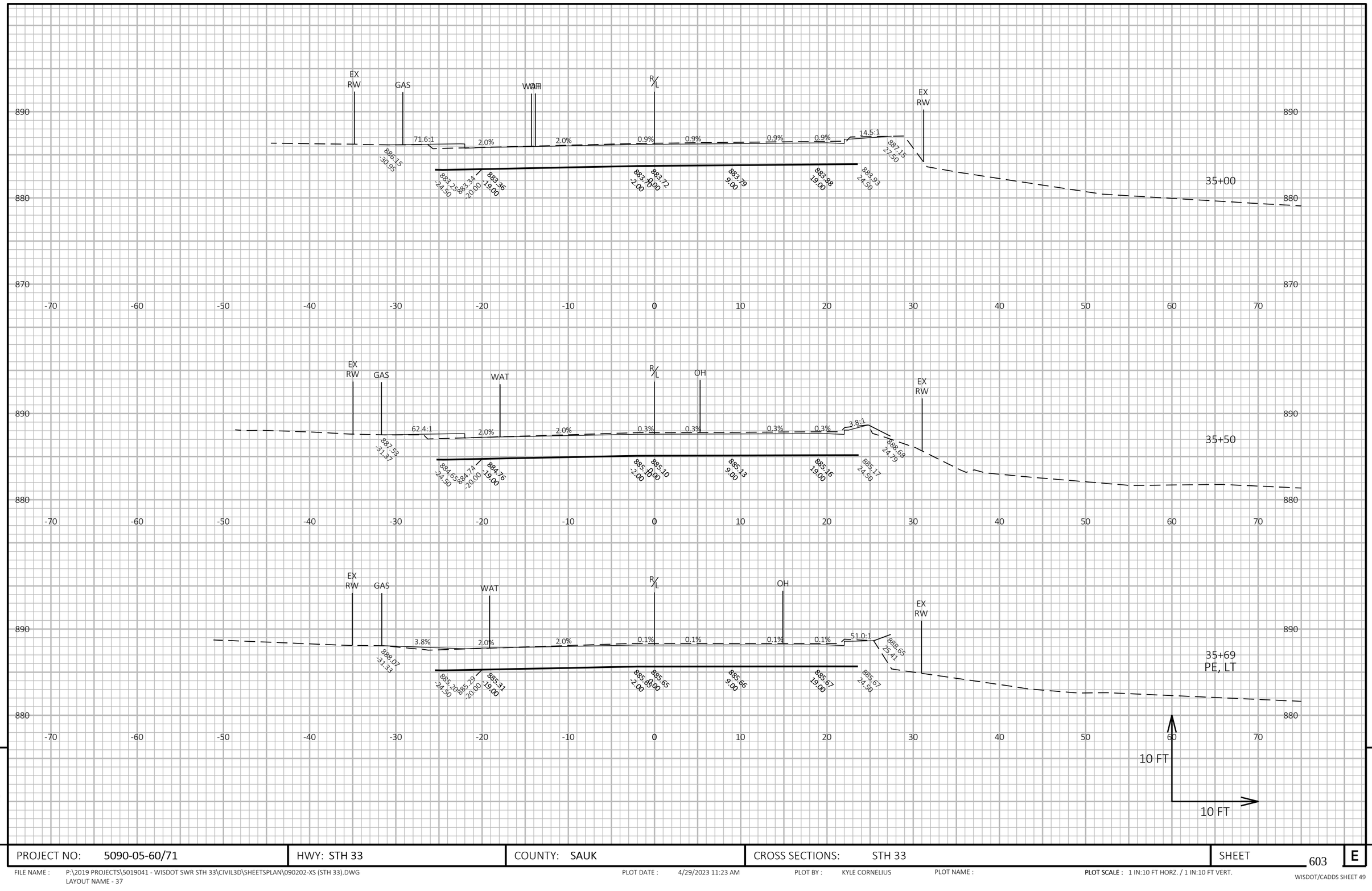
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 602	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 36

PLOT DATE : 4/29/2023 11:23 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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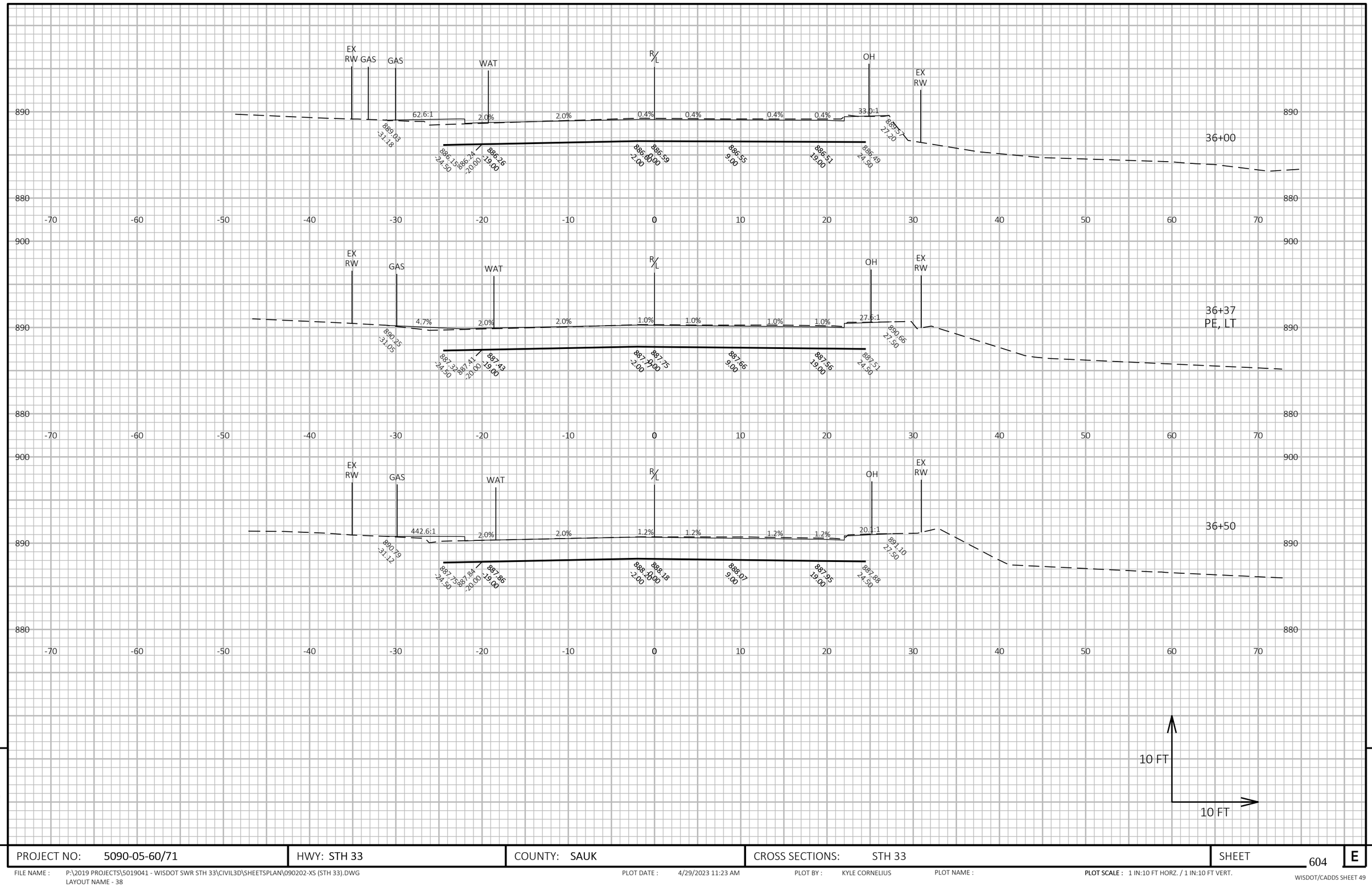
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 603	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 37

PLOT DATE : 4/29/2023 11:23 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

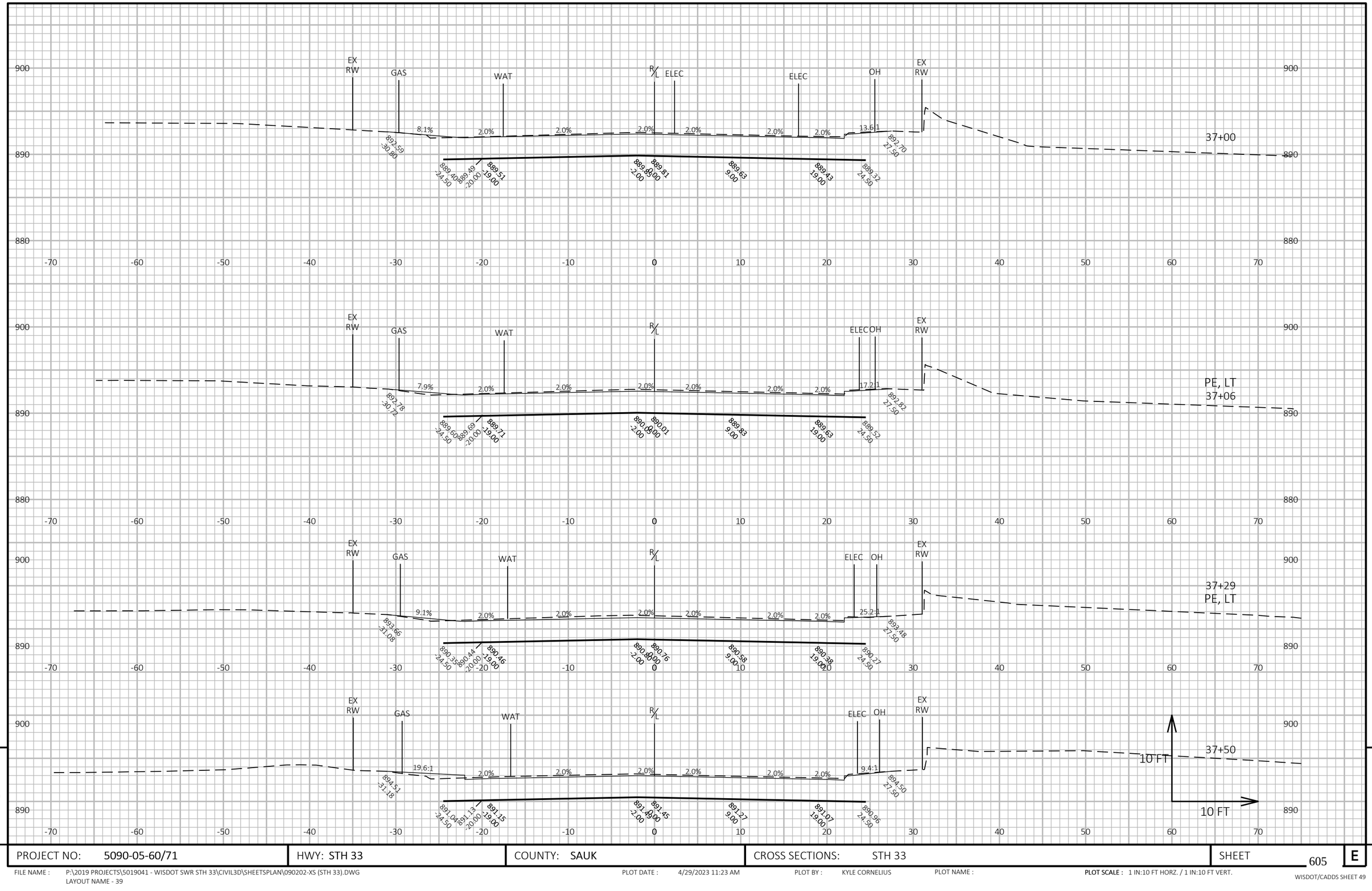


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 604	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 38

PLOT DATE : 4/29/2023 11:23 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

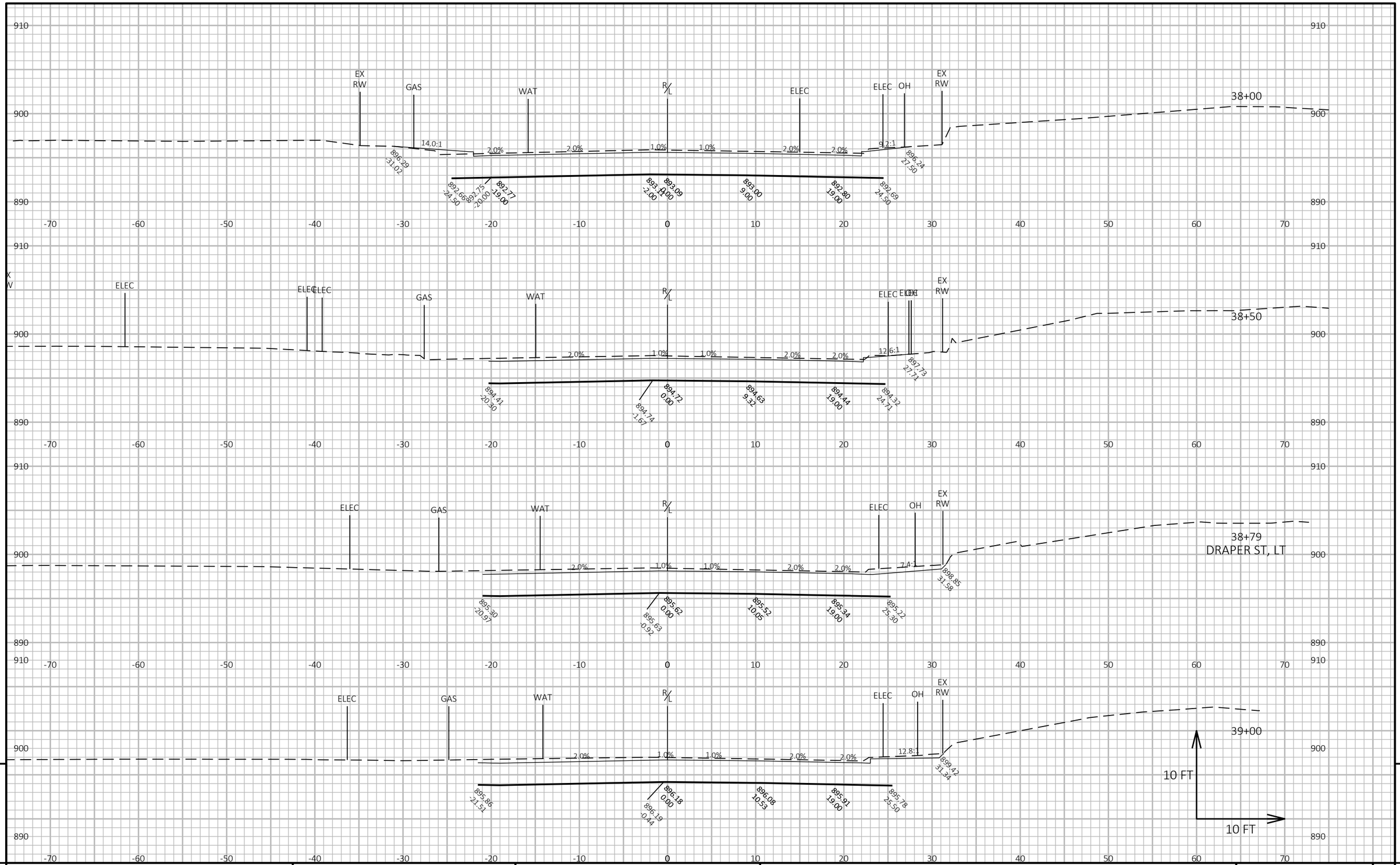


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 605	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 39

PLOT DATE : 4/29/2023 11:23 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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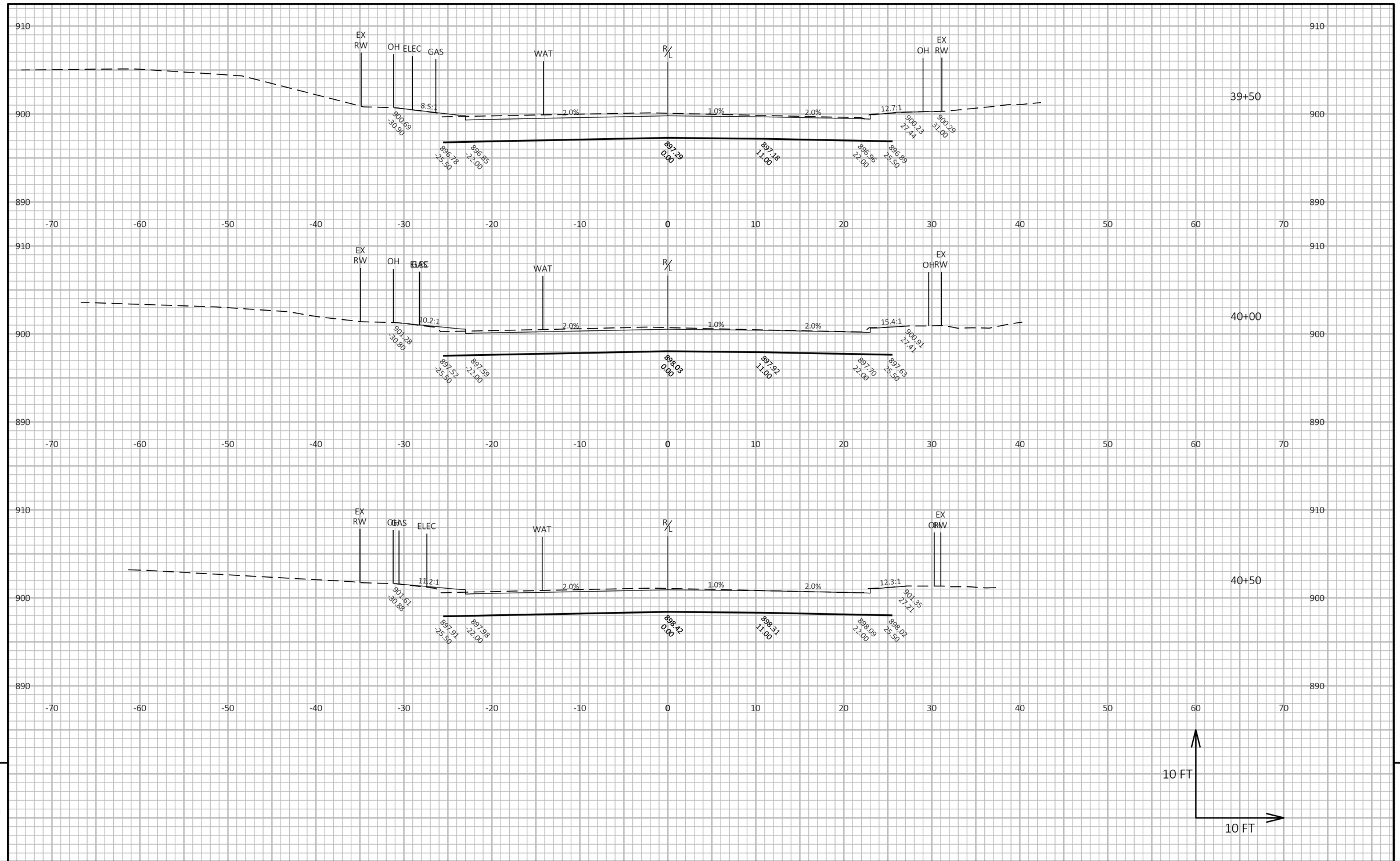
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 606	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 40

PLOT DATE : 4/29/2023 11:23 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

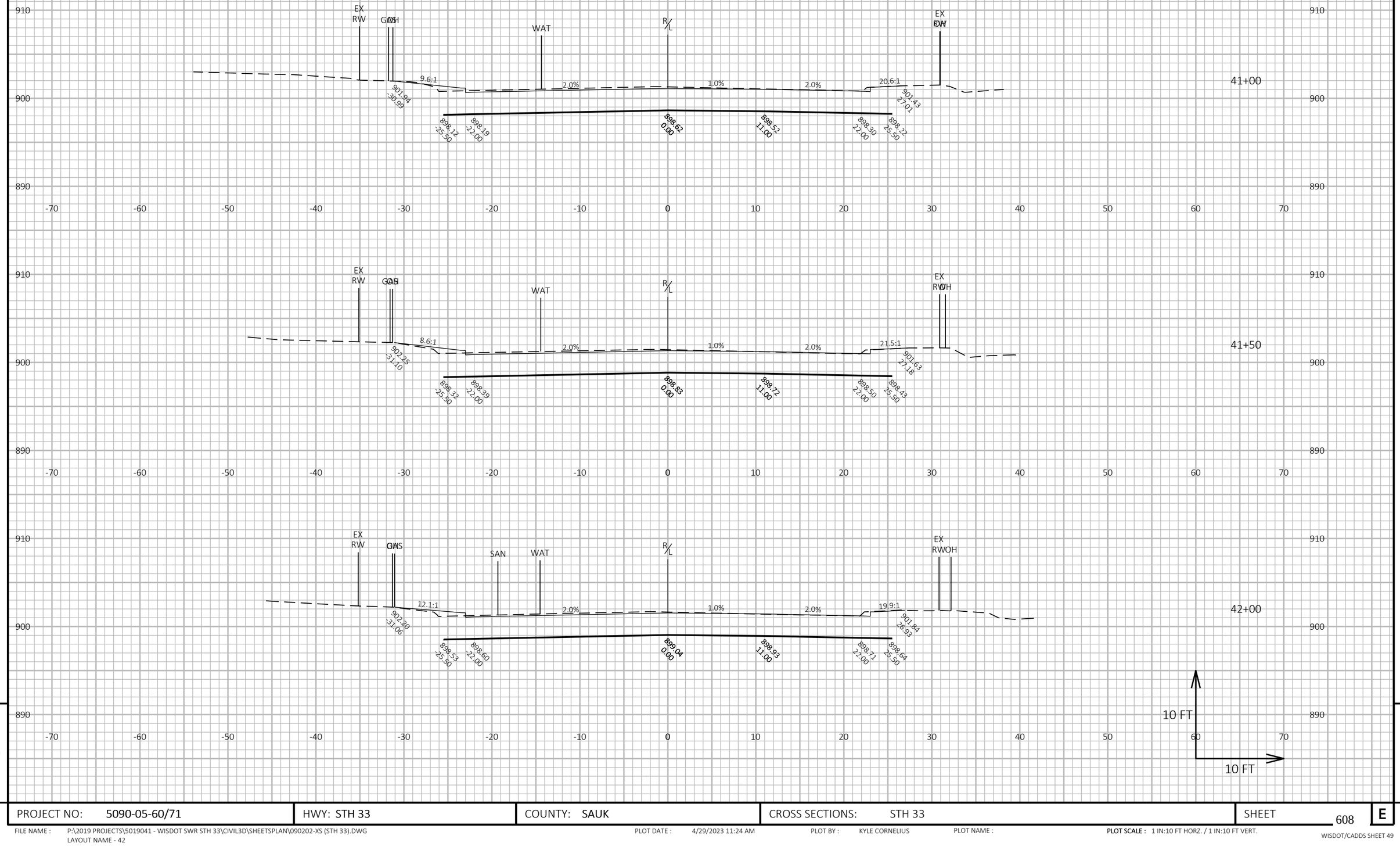


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 607	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 41

PLOT DATE : 4/29/2023 11:23 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

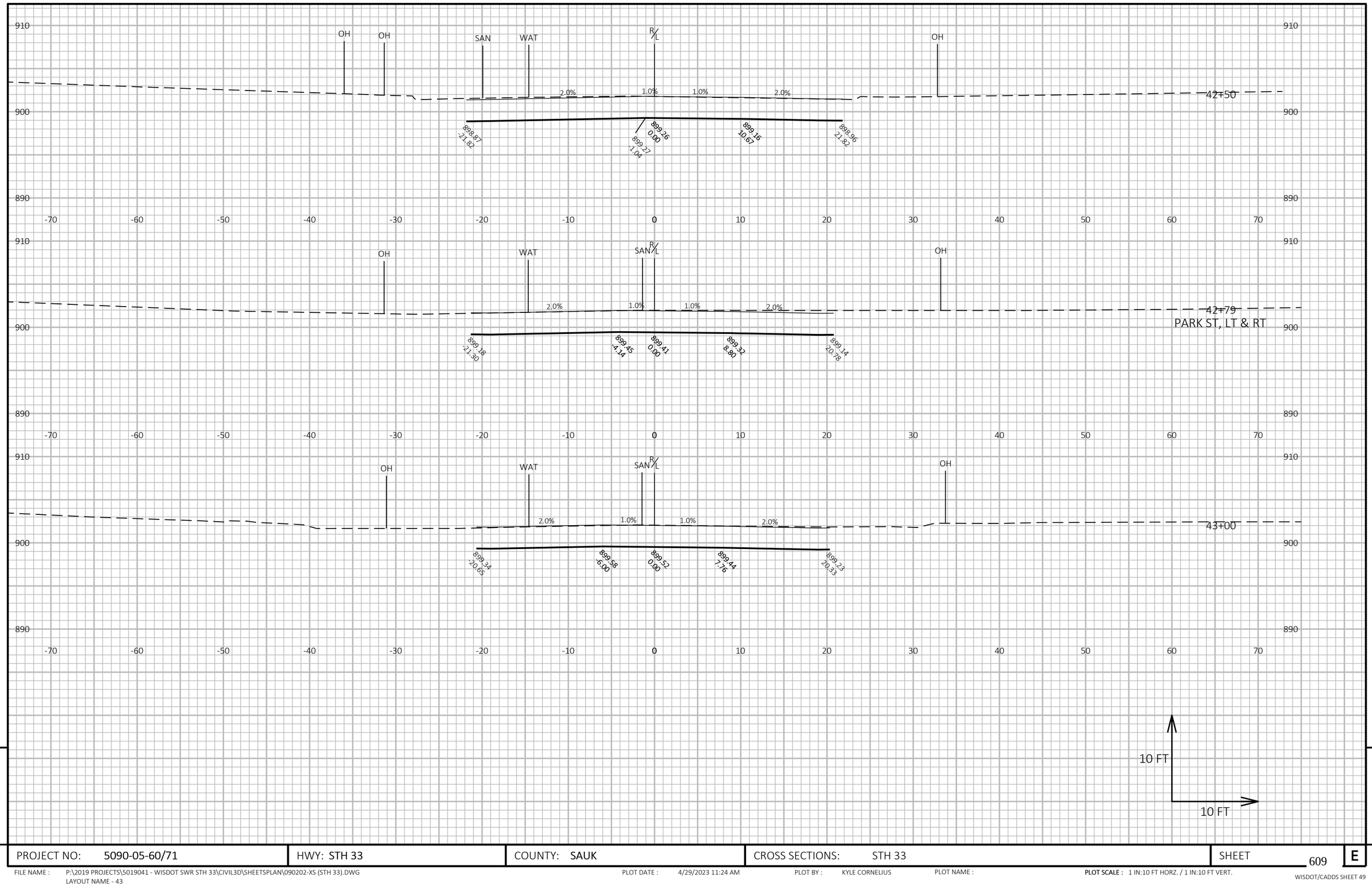


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 608	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 42

PLOT DATE : 4/29/2023 11:24 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

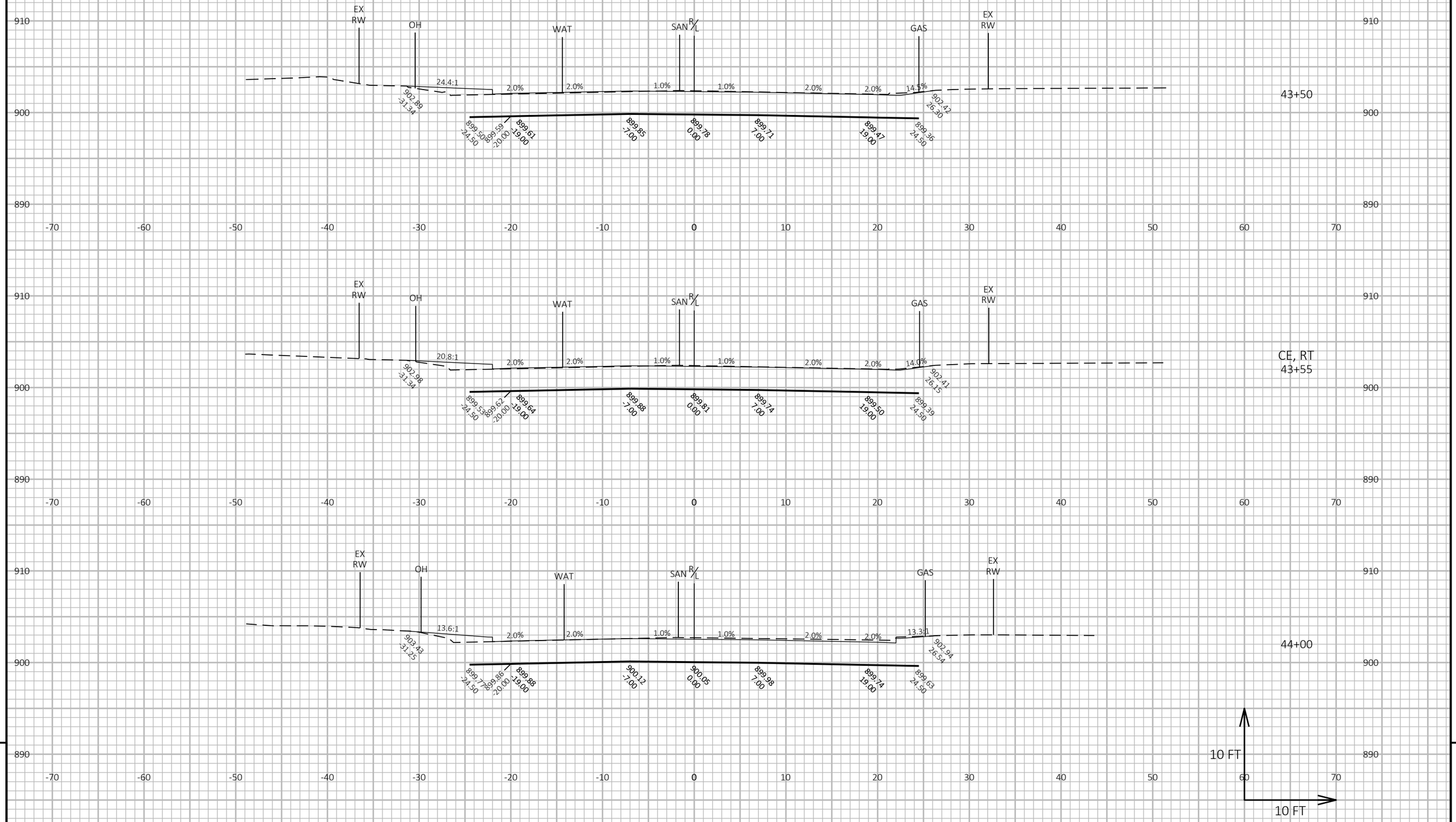


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 609	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 43

PLOT DATE : 4/29/2023 11:24 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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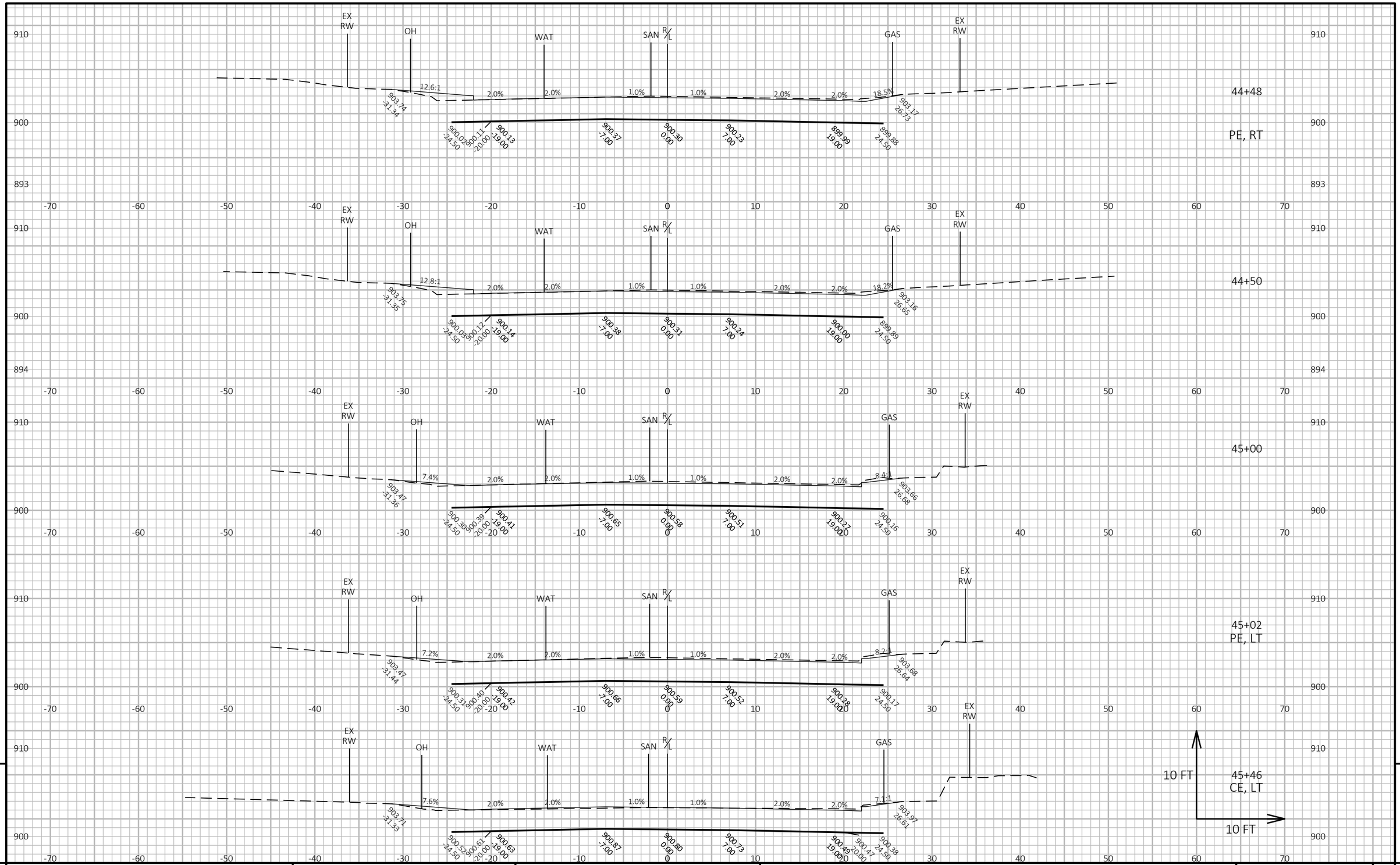
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 610	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 44

PLOT DATE : 4/29/2023 11:24 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

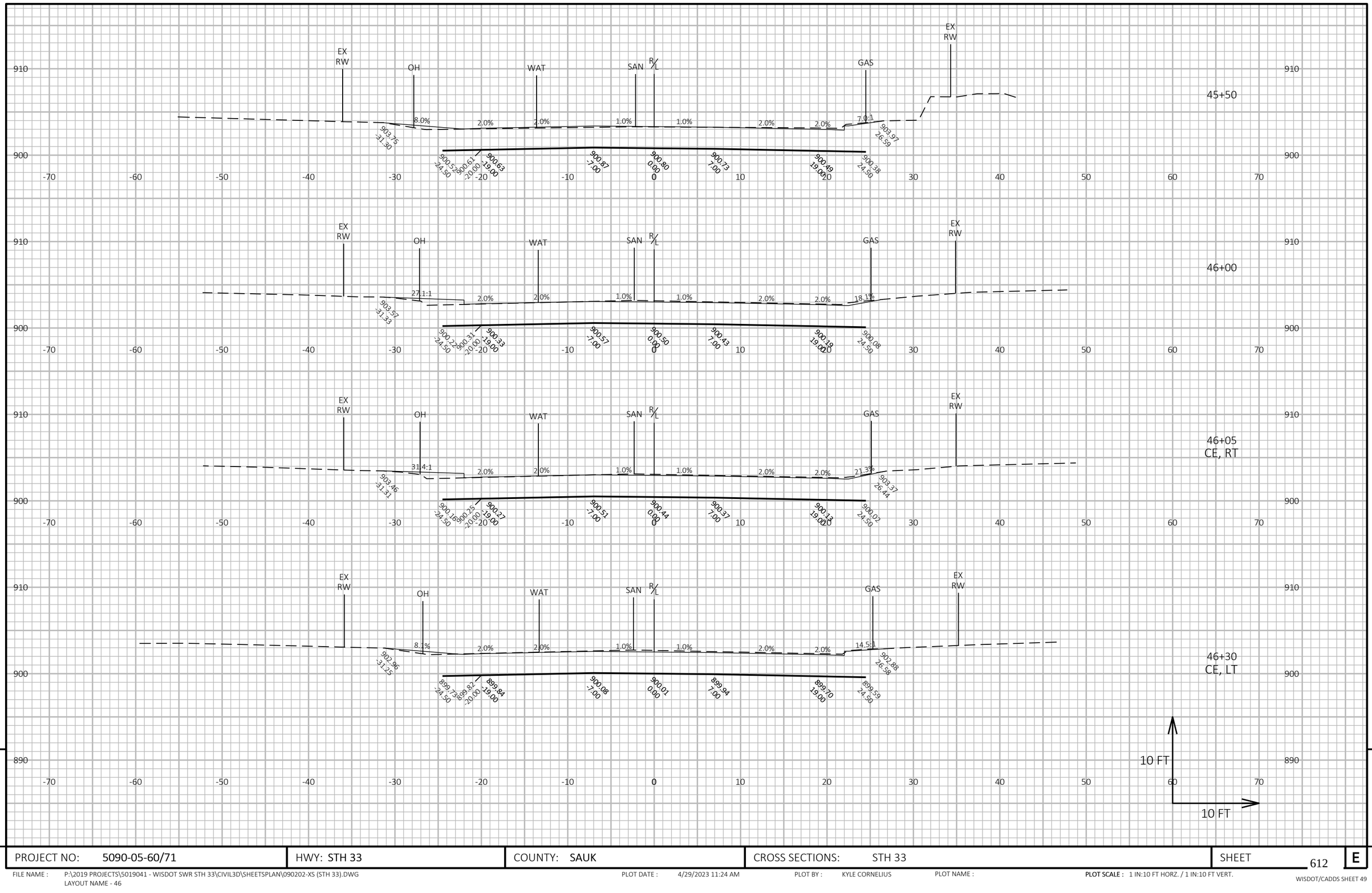


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 611	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 45

PLOT DATE : 4/29/2023 11:24 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 612	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 46

PLOT DATE : 4/29/2023 11:24 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

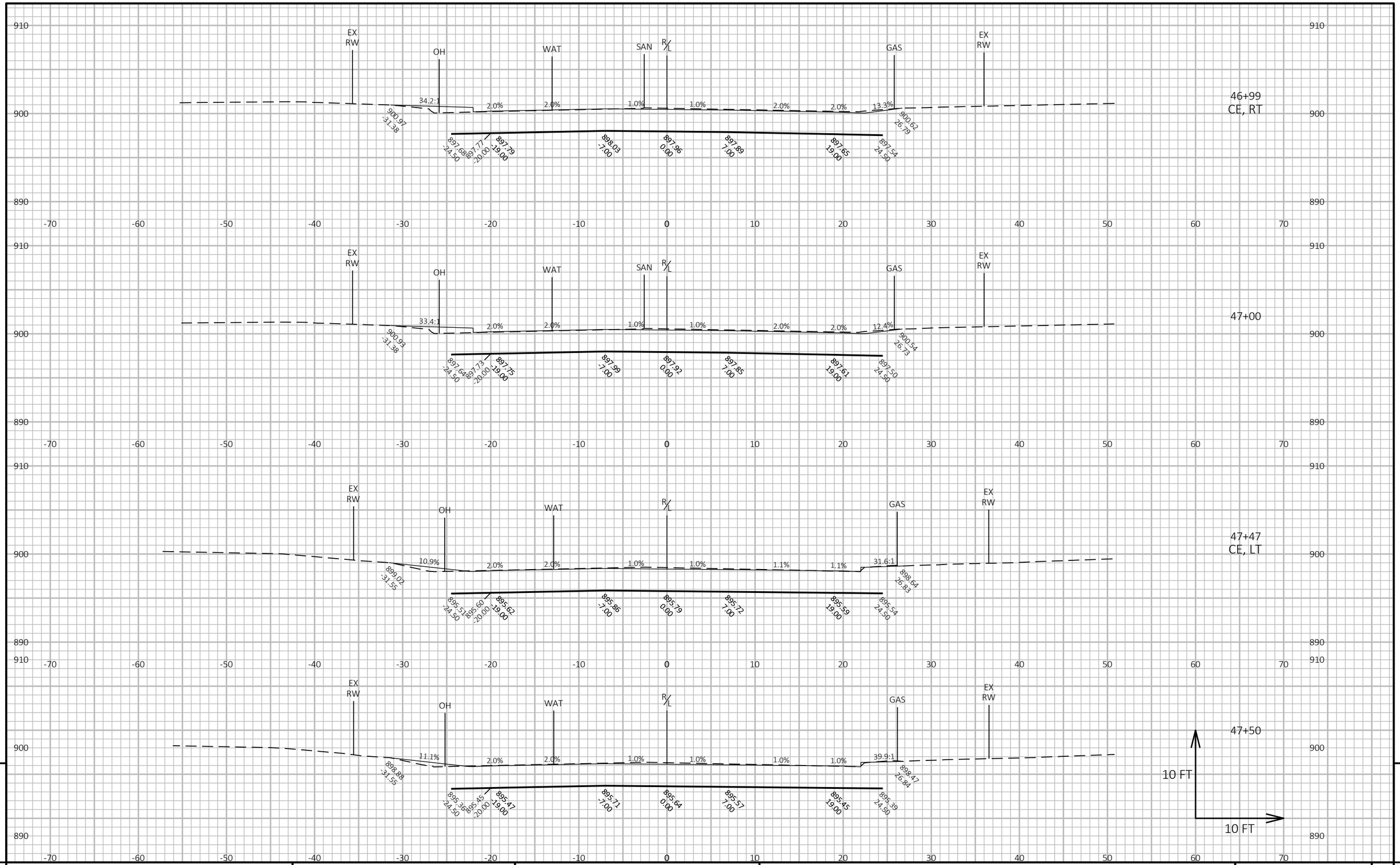
WISDOT/CADDS SHEET 49

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 613 E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 47

PLOT DATE : 4/29/2023 11:24 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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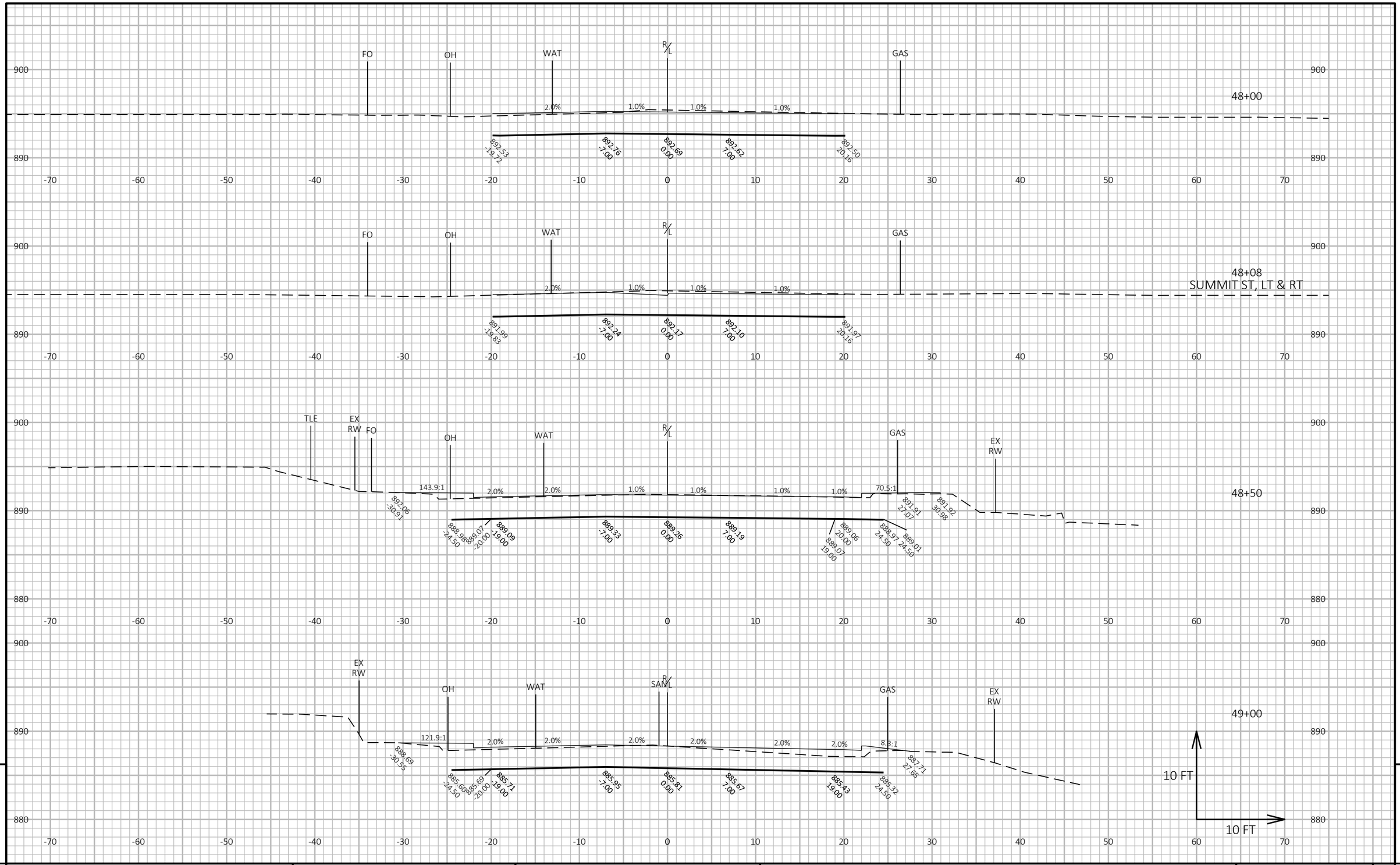
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 614	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 48

PLOT DATE : 4/29/2023 11:24 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

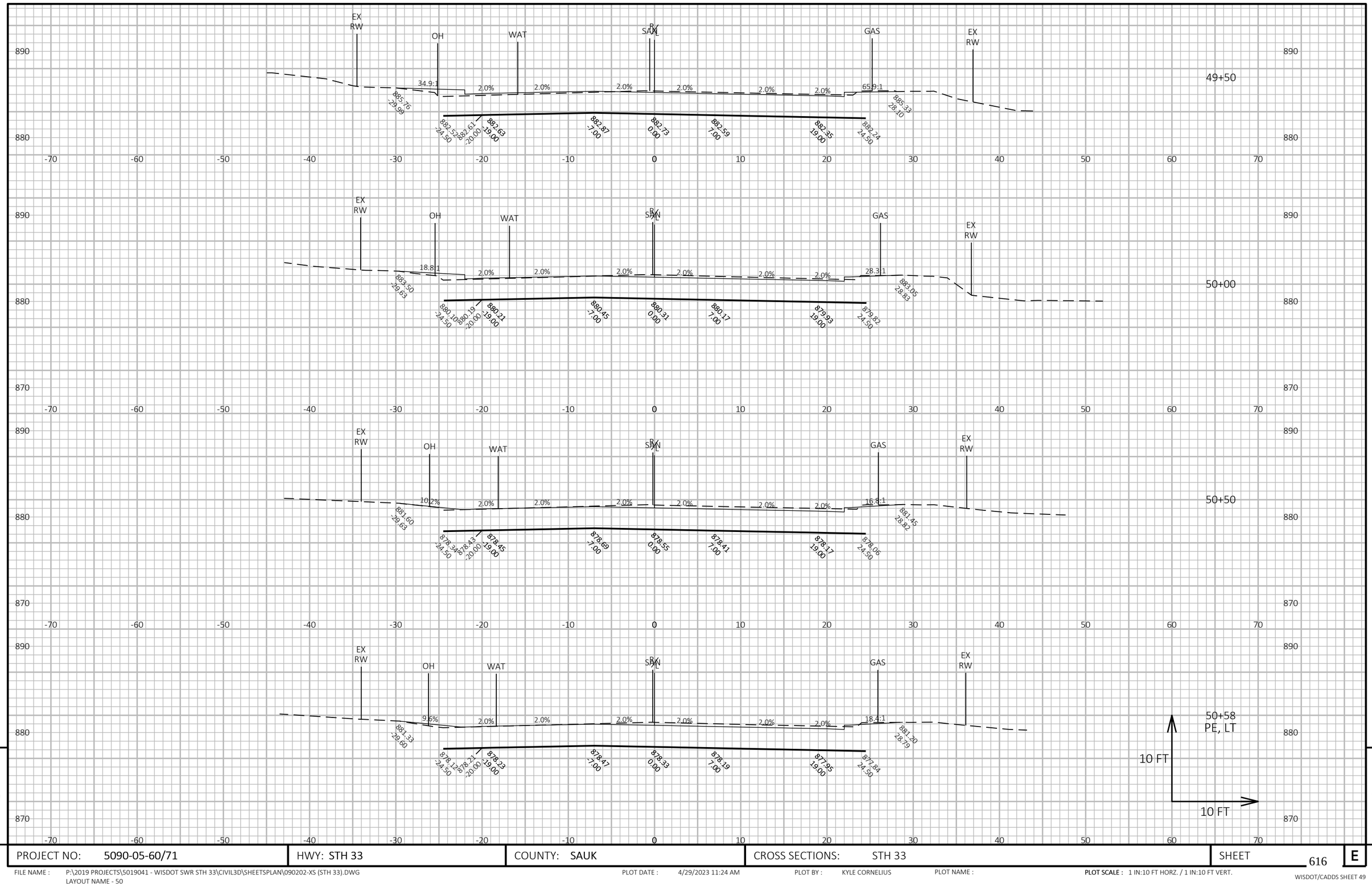


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 615	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 49

PLOT DATE : 4/29/2023 11:24 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

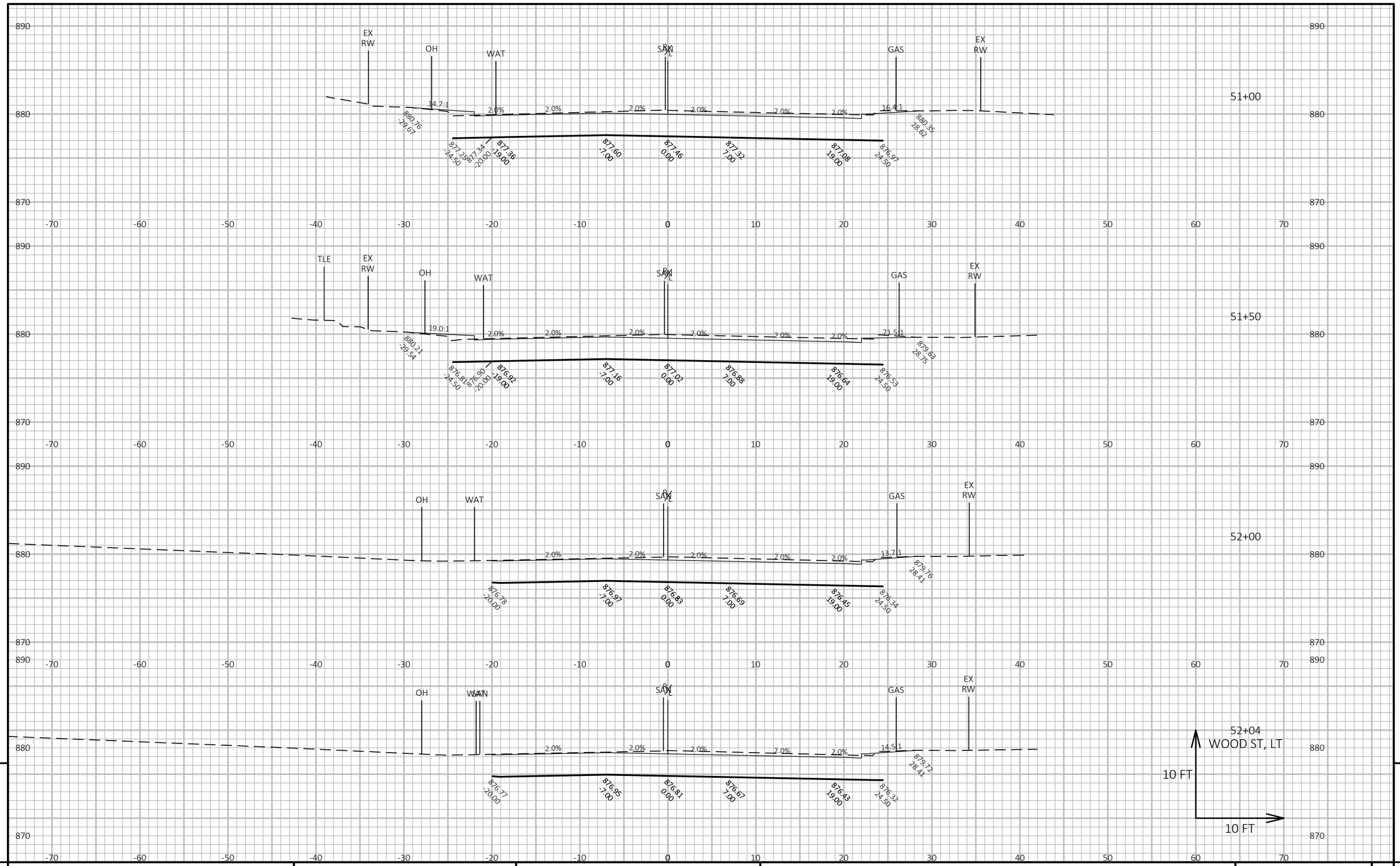


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 616	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 50

PLOT DATE : 4/29/2023 11:24 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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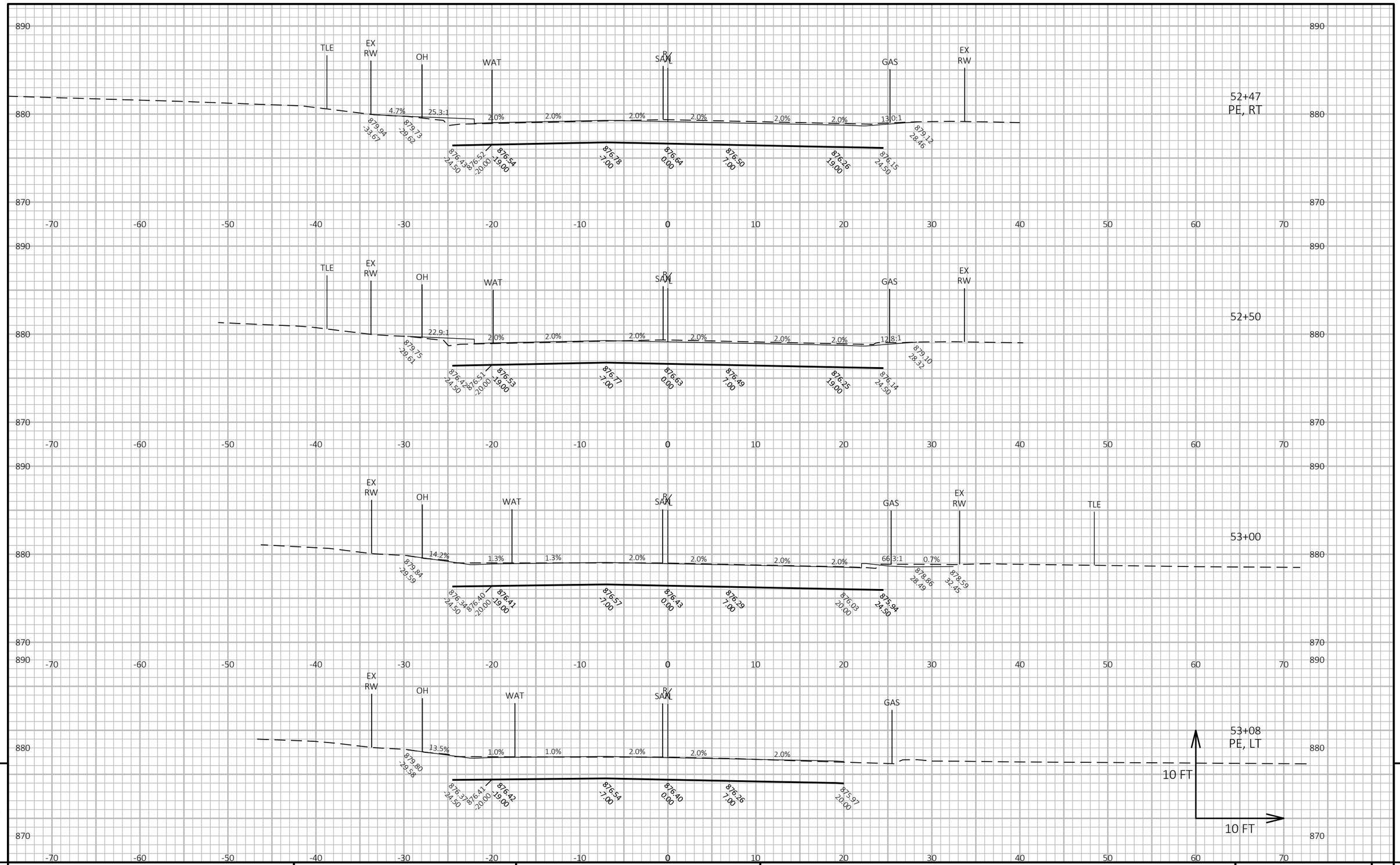
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 617	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 51

PLOT DATE : 4/29/2023 11:25 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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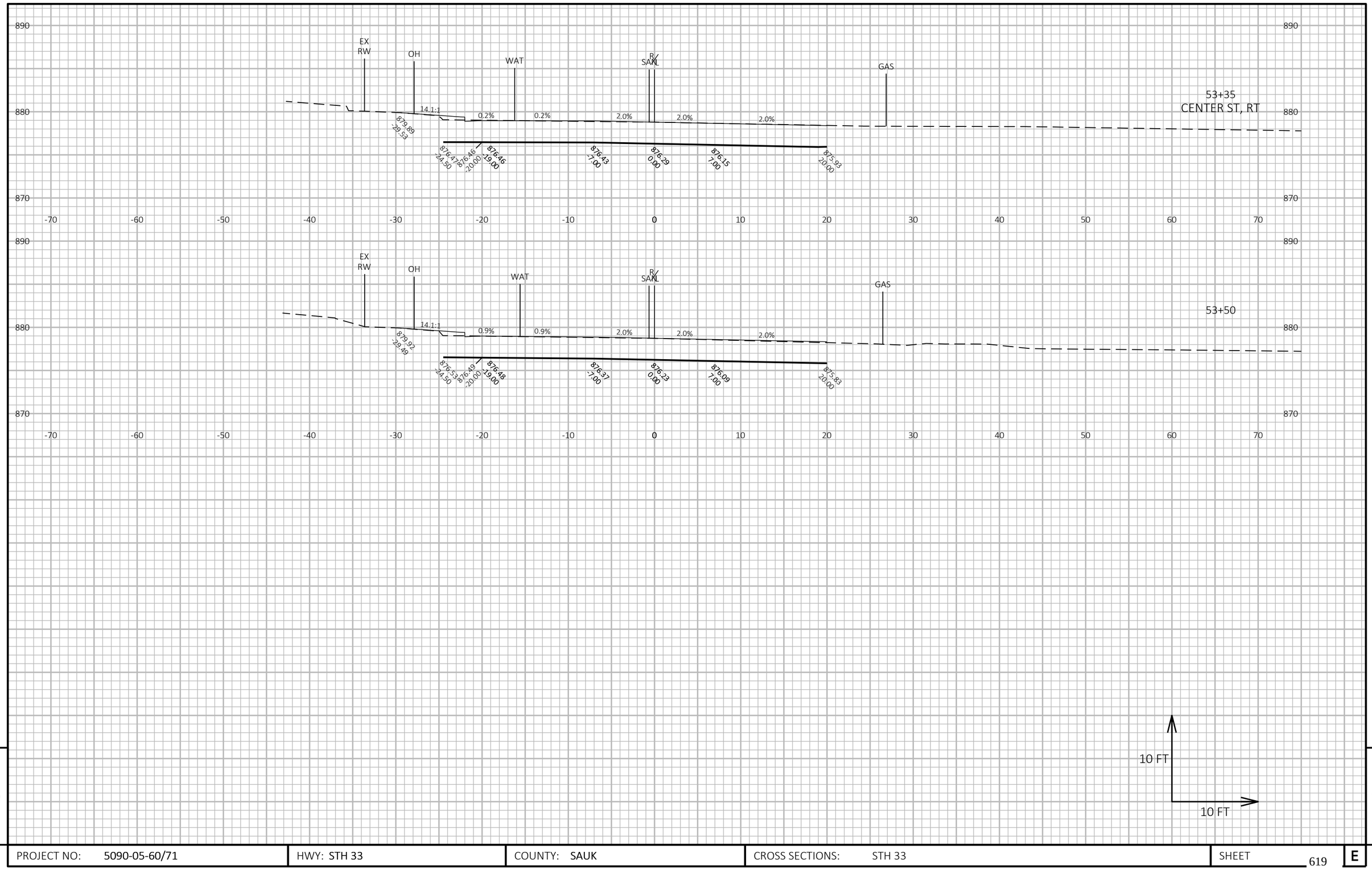
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 618	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 52

PLOT DATE : 4/29/2023 11:25 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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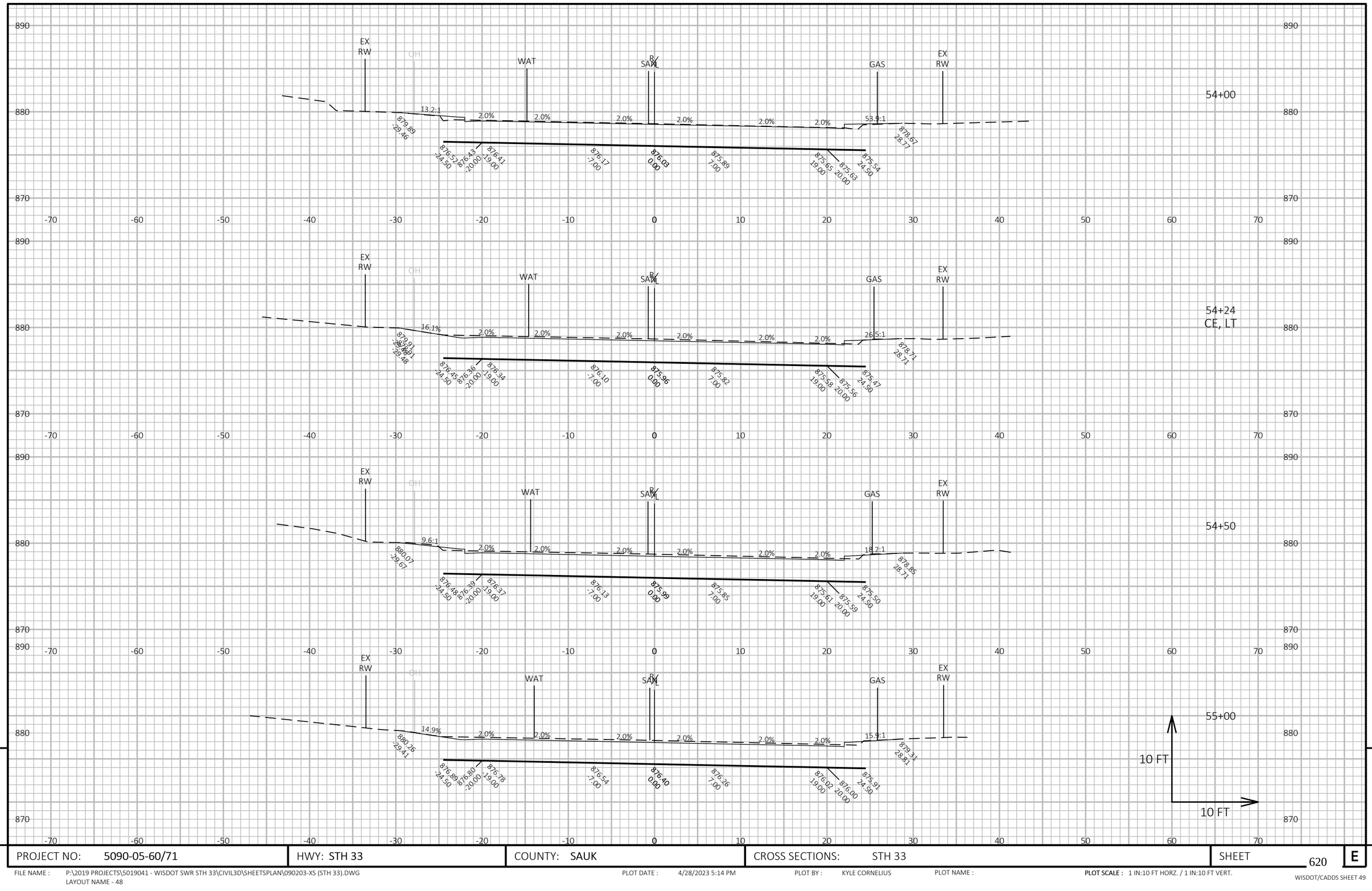
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 619	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090202-XS (STH 33).DWG
LAYOUT NAME - 53

PLOT DATE : 4/29/2023 11:25 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 620	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 48

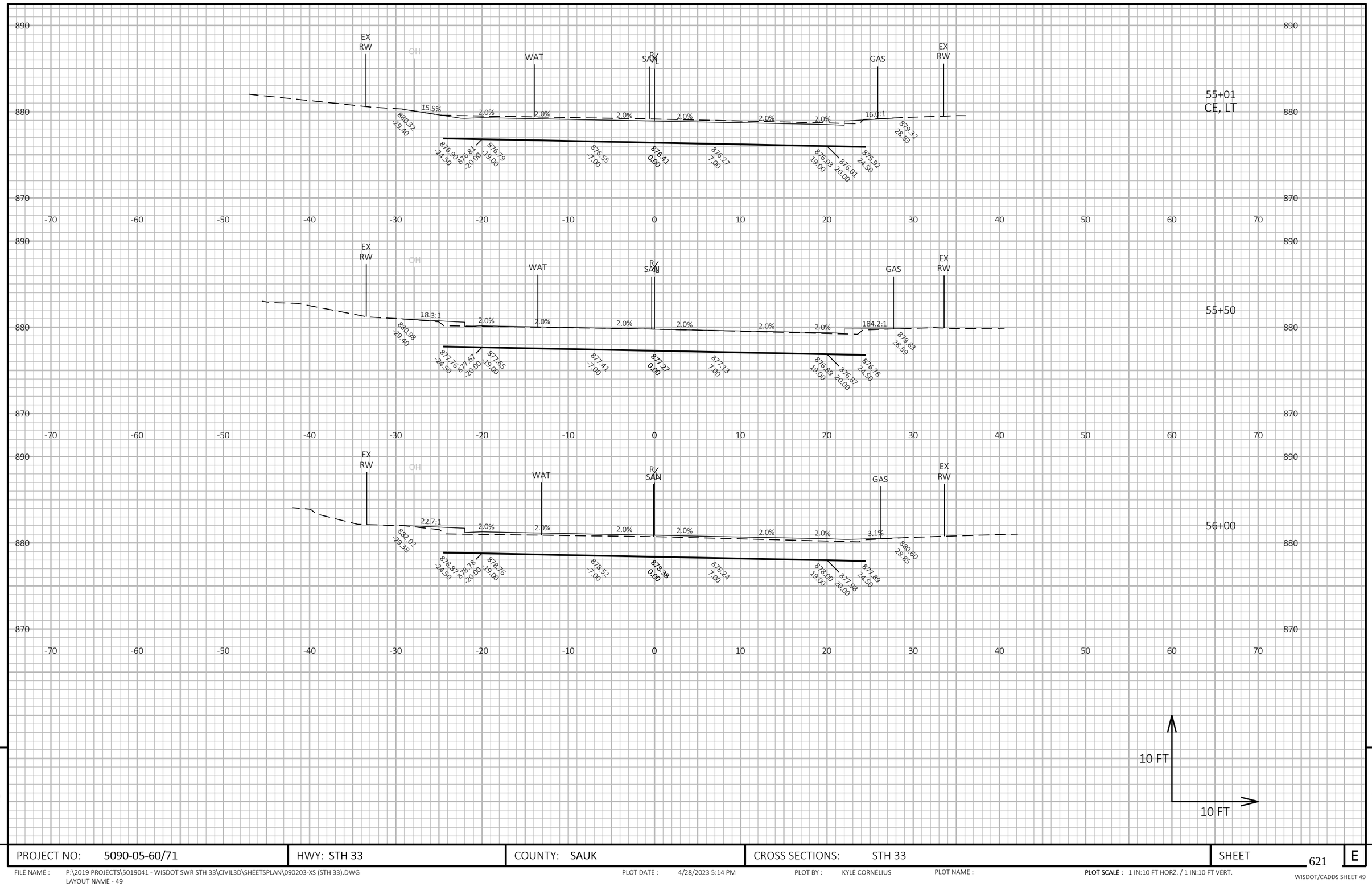
PLOT DATE : 4/28/2023 5:14 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

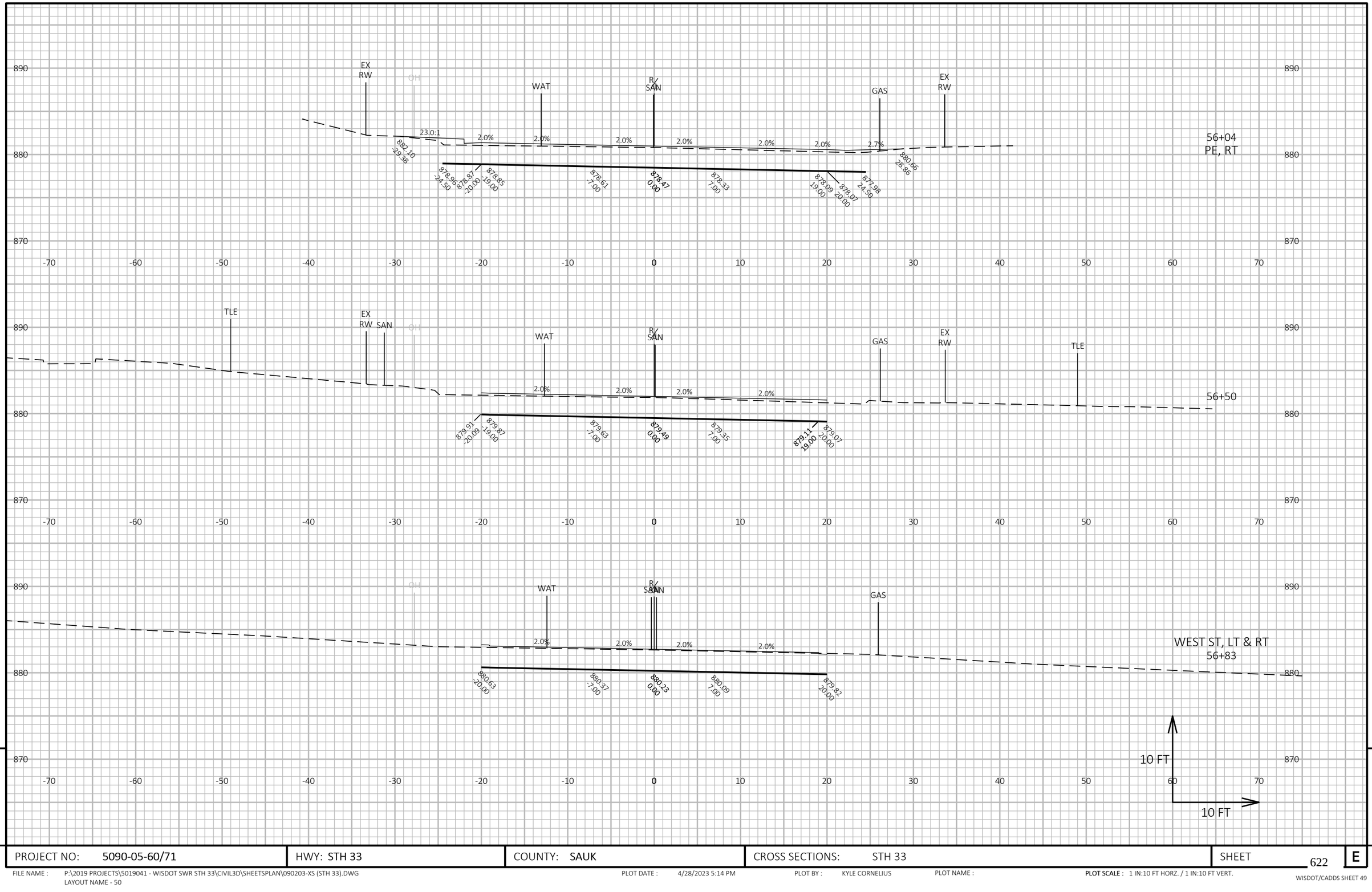


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 621	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 49

PLOT DATE : 4/28/2023 5:14 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

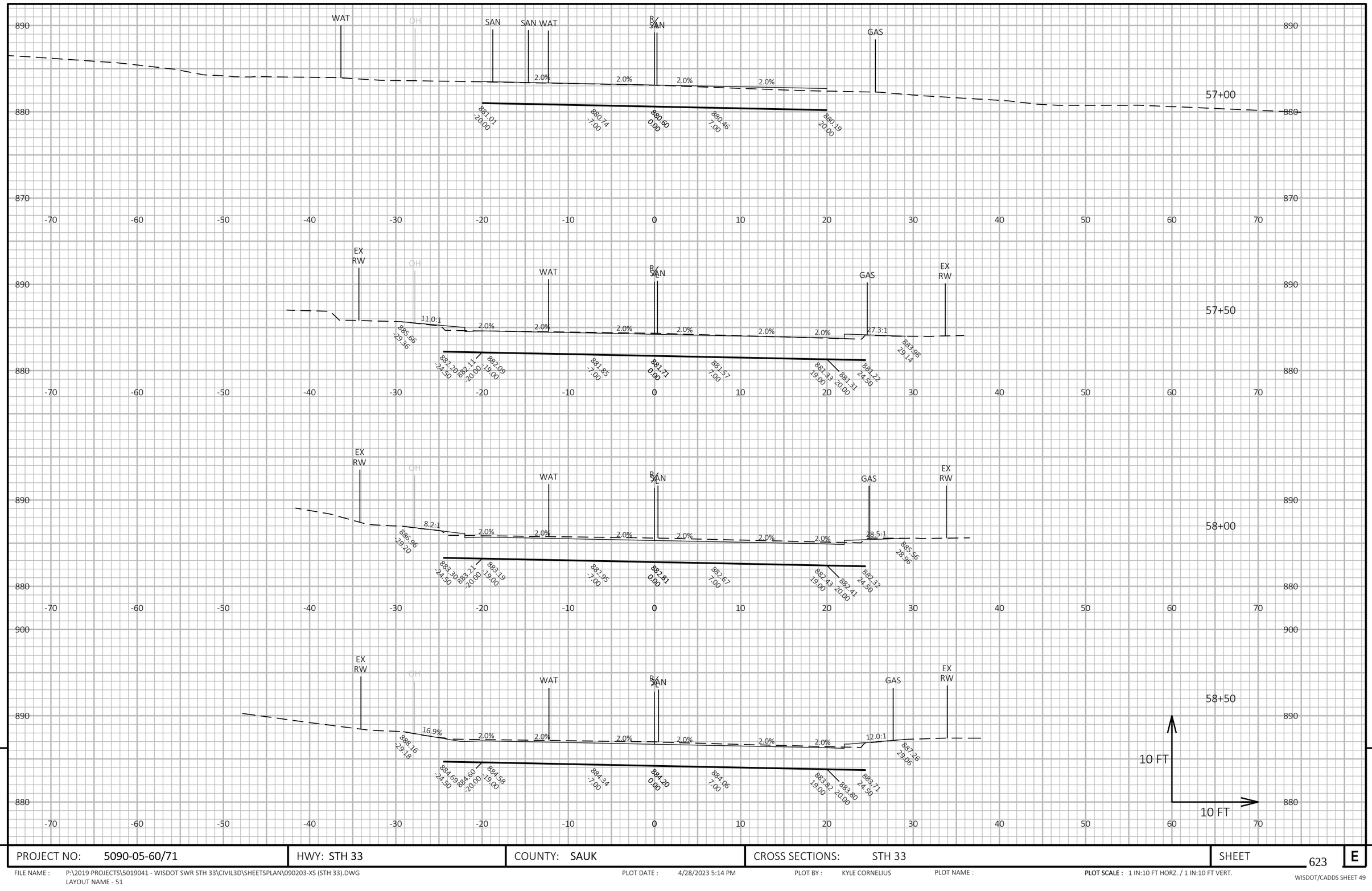


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 622 E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 50

PLOT DATE : 4/28/2023 5:14 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 623	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 51

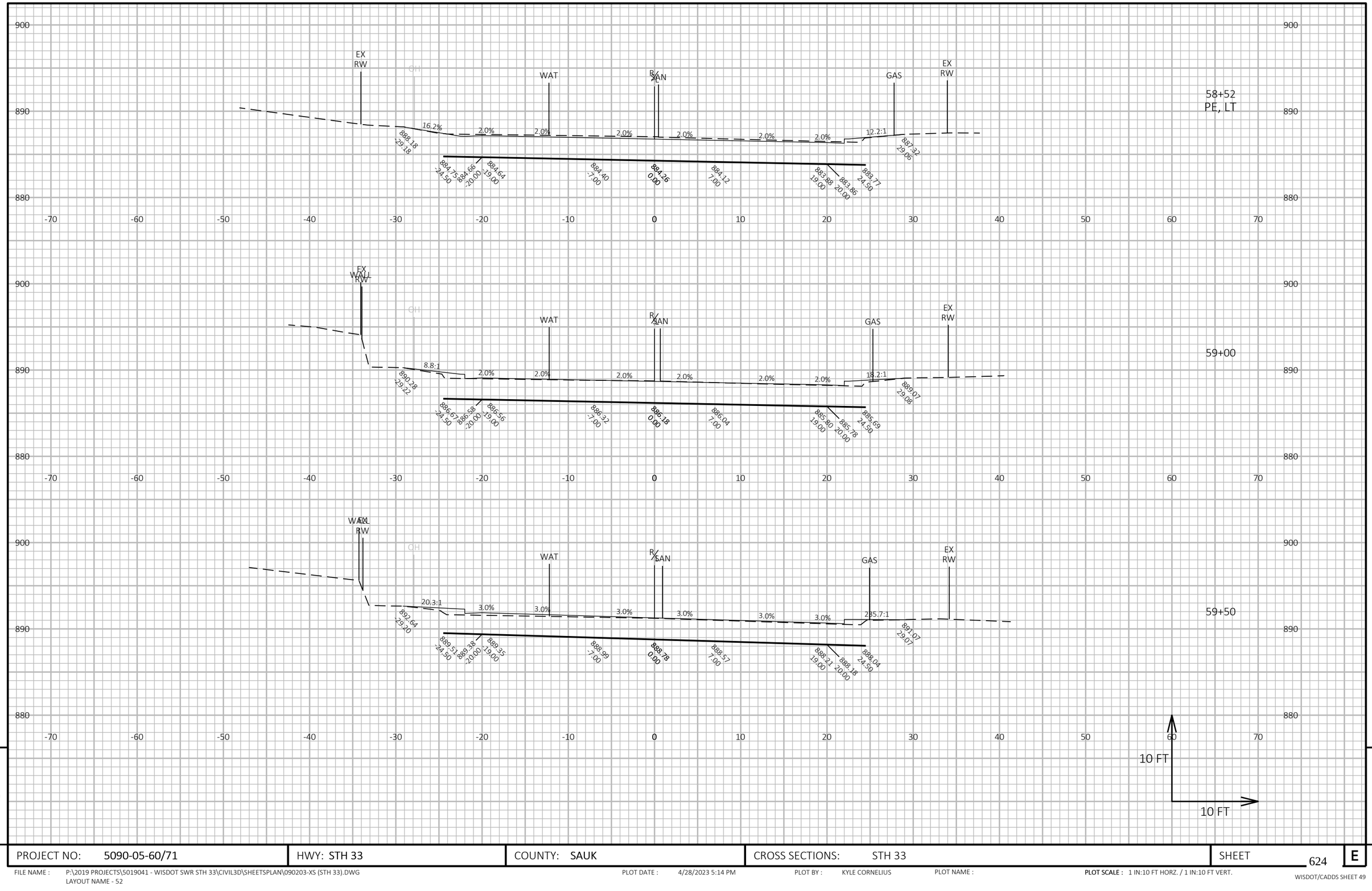
PLOT DATE : 4/28/2023 5:14 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

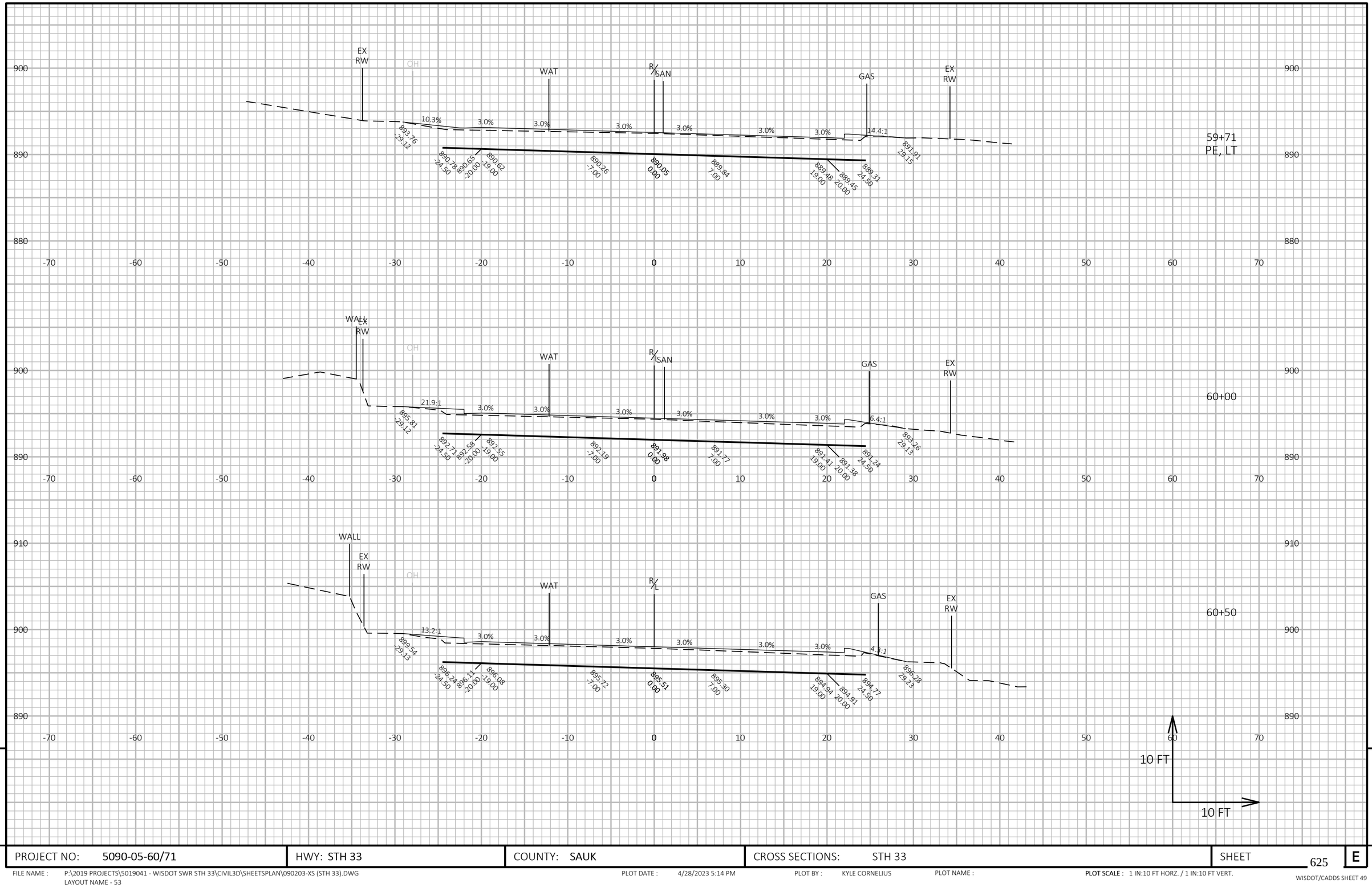


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 624	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 52

PLOT DATE : 4/28/2023 5:14 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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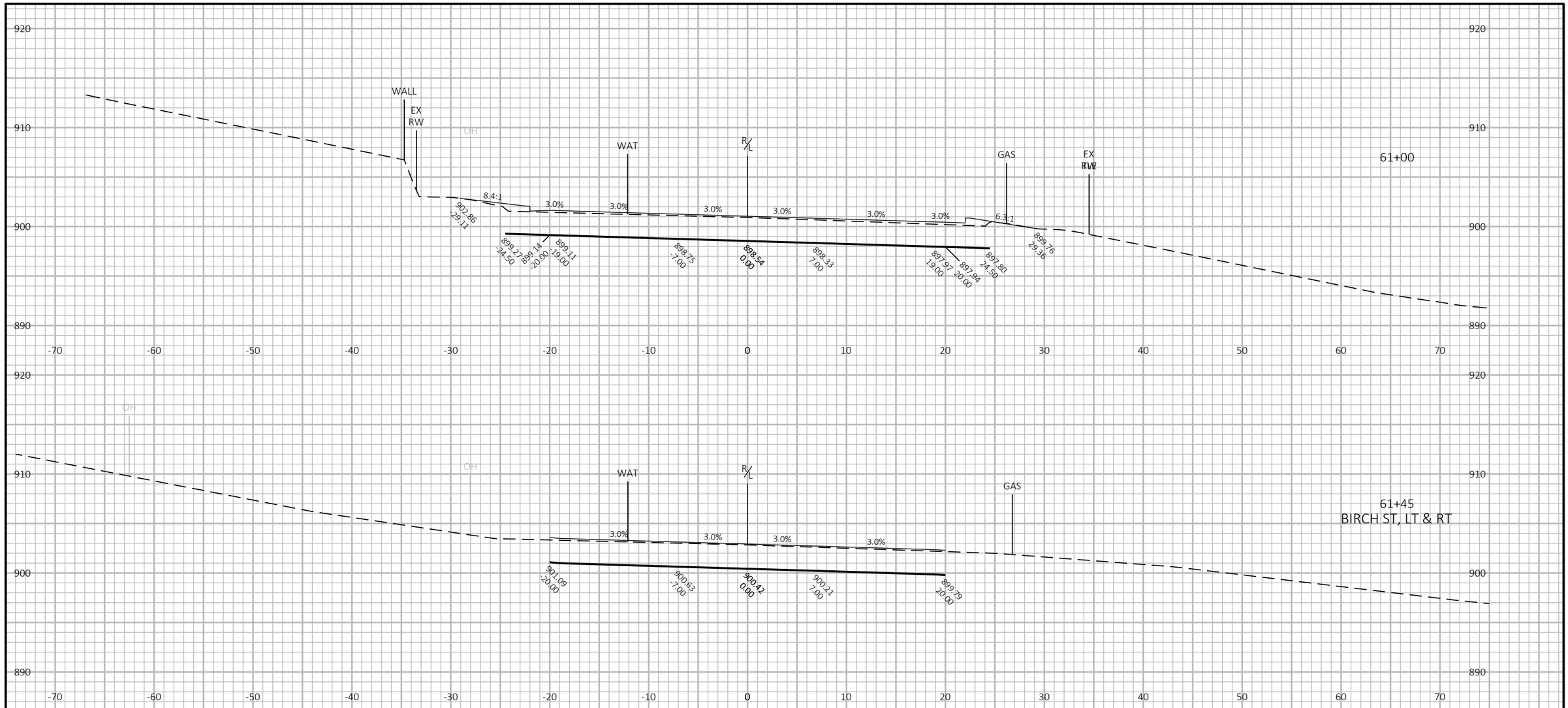
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 625 E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 53

PLOT DATE : 4/28/2023 5:14 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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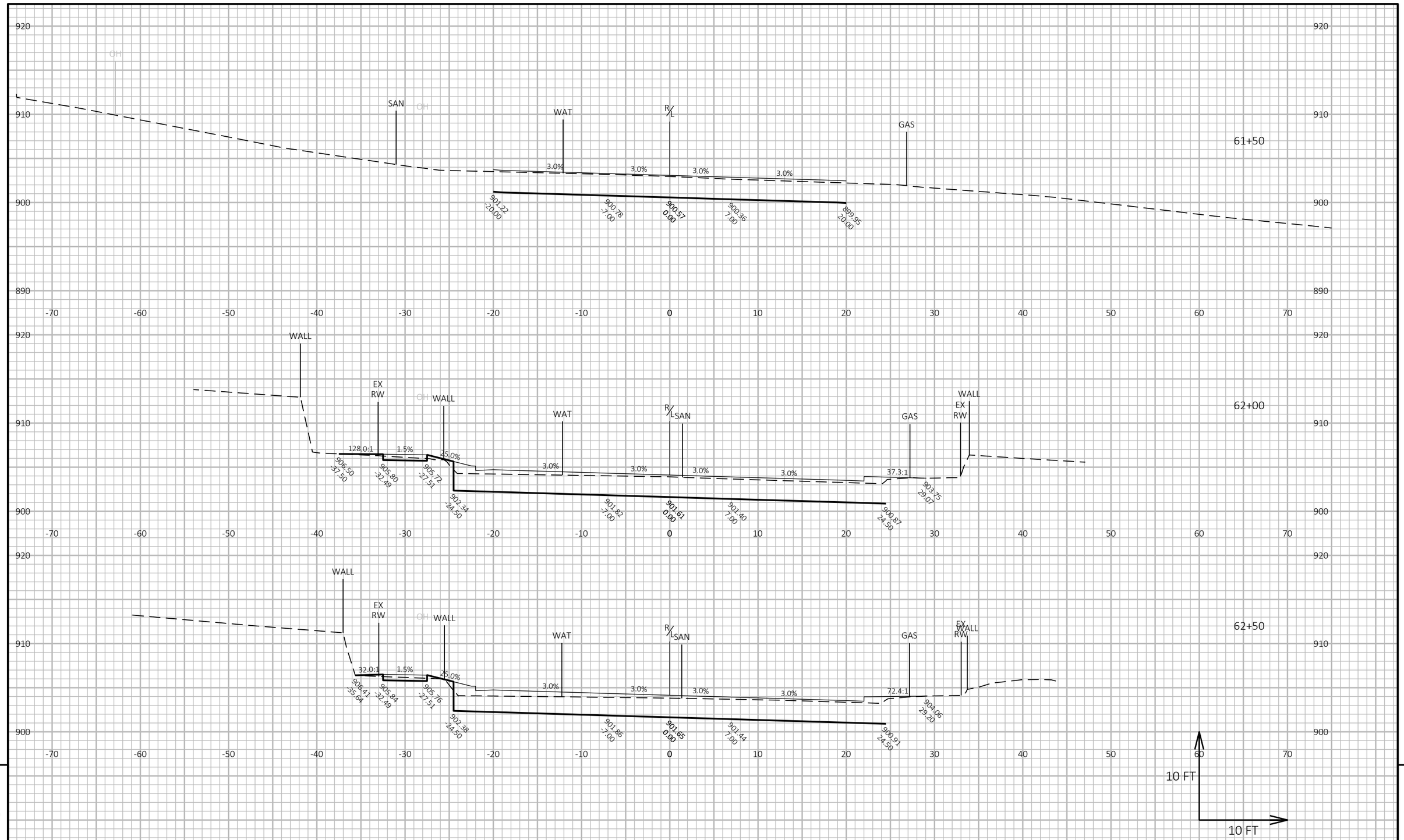
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 626	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 54

PLOT DATE : 4/28/2023 5:15 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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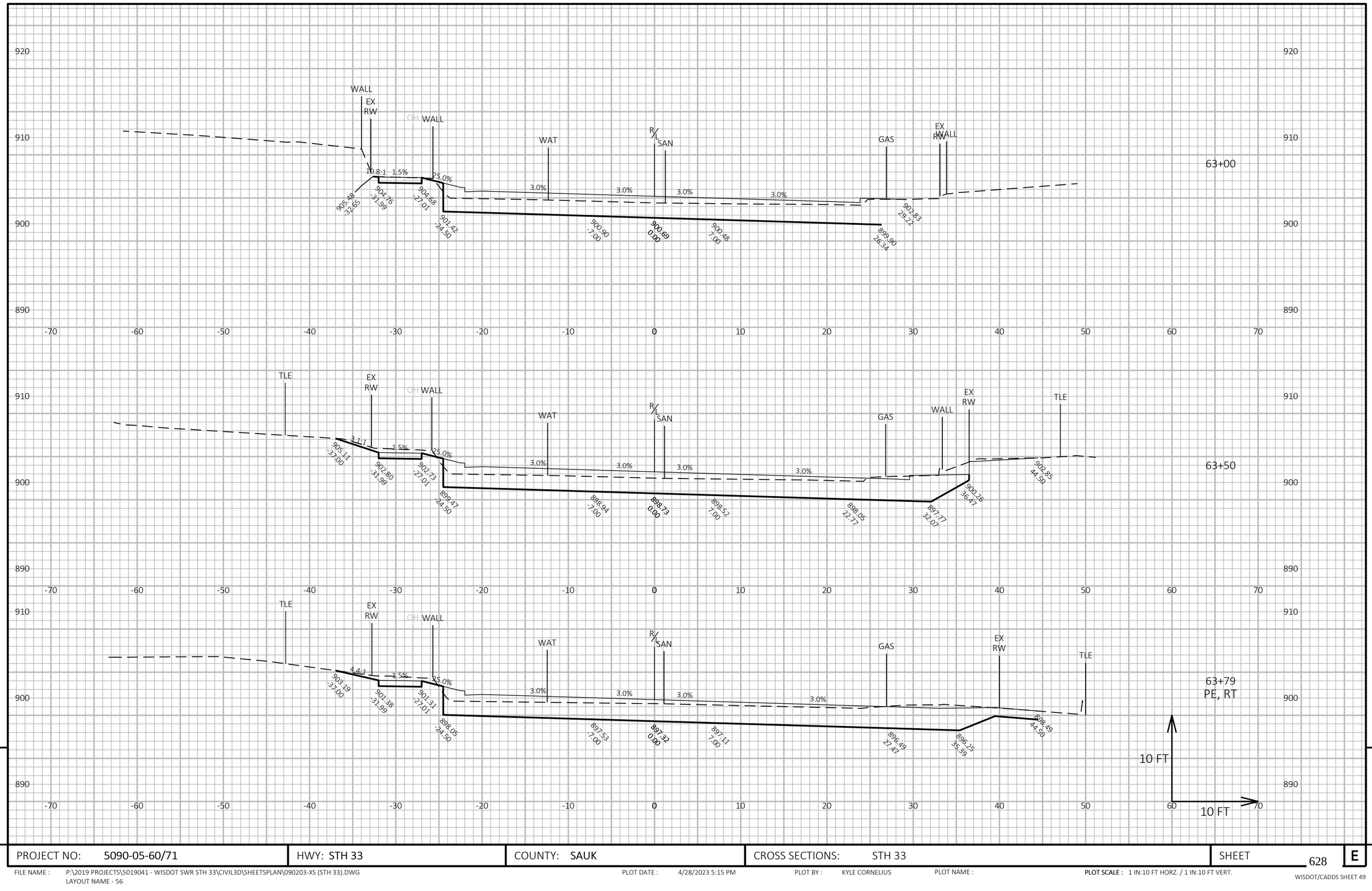
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 627	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 55

PLOT DATE : 4/28/2023 5:15 PM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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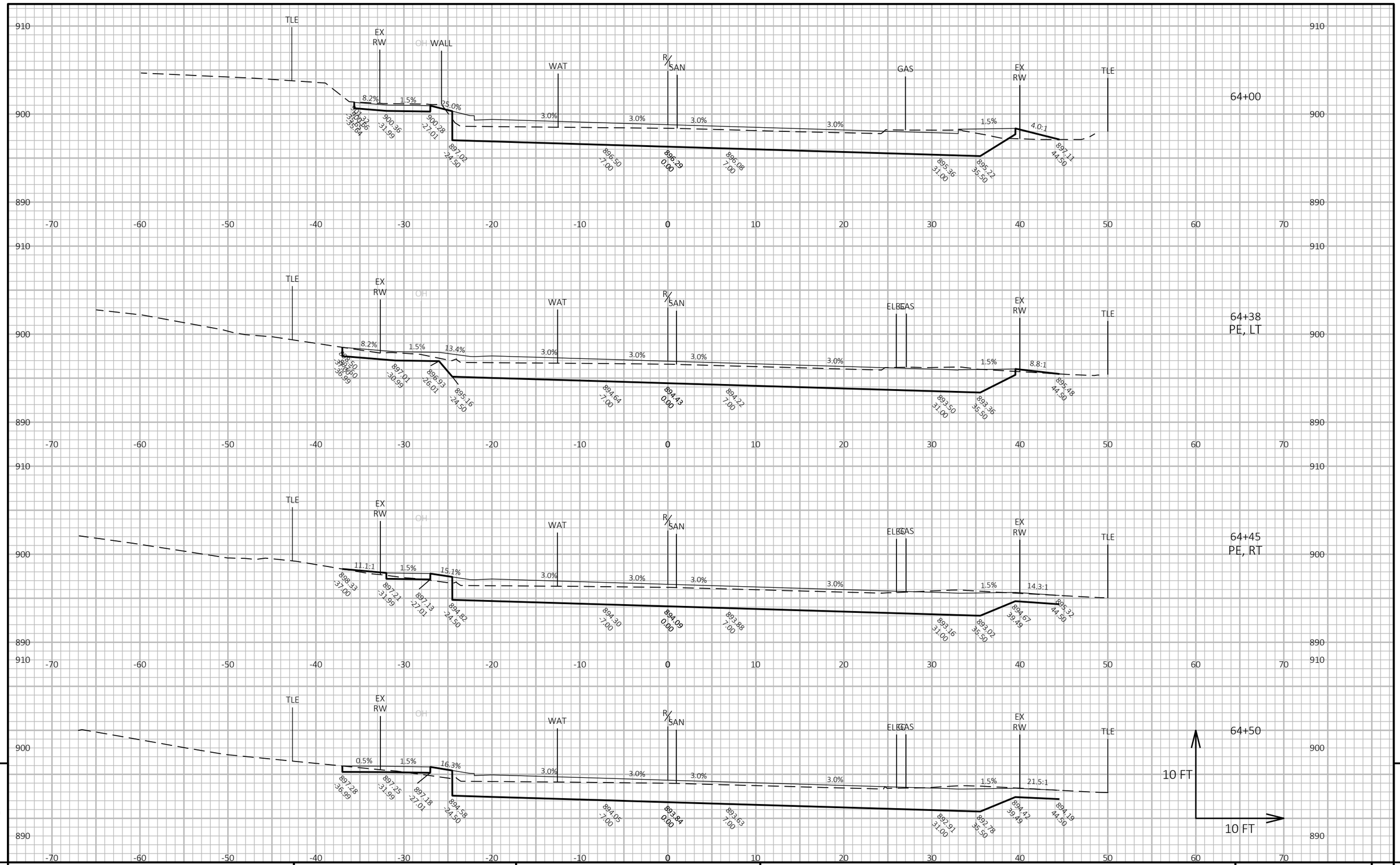
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 628	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 56

PLOT DATE : 4/28/2023 5:15 PM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

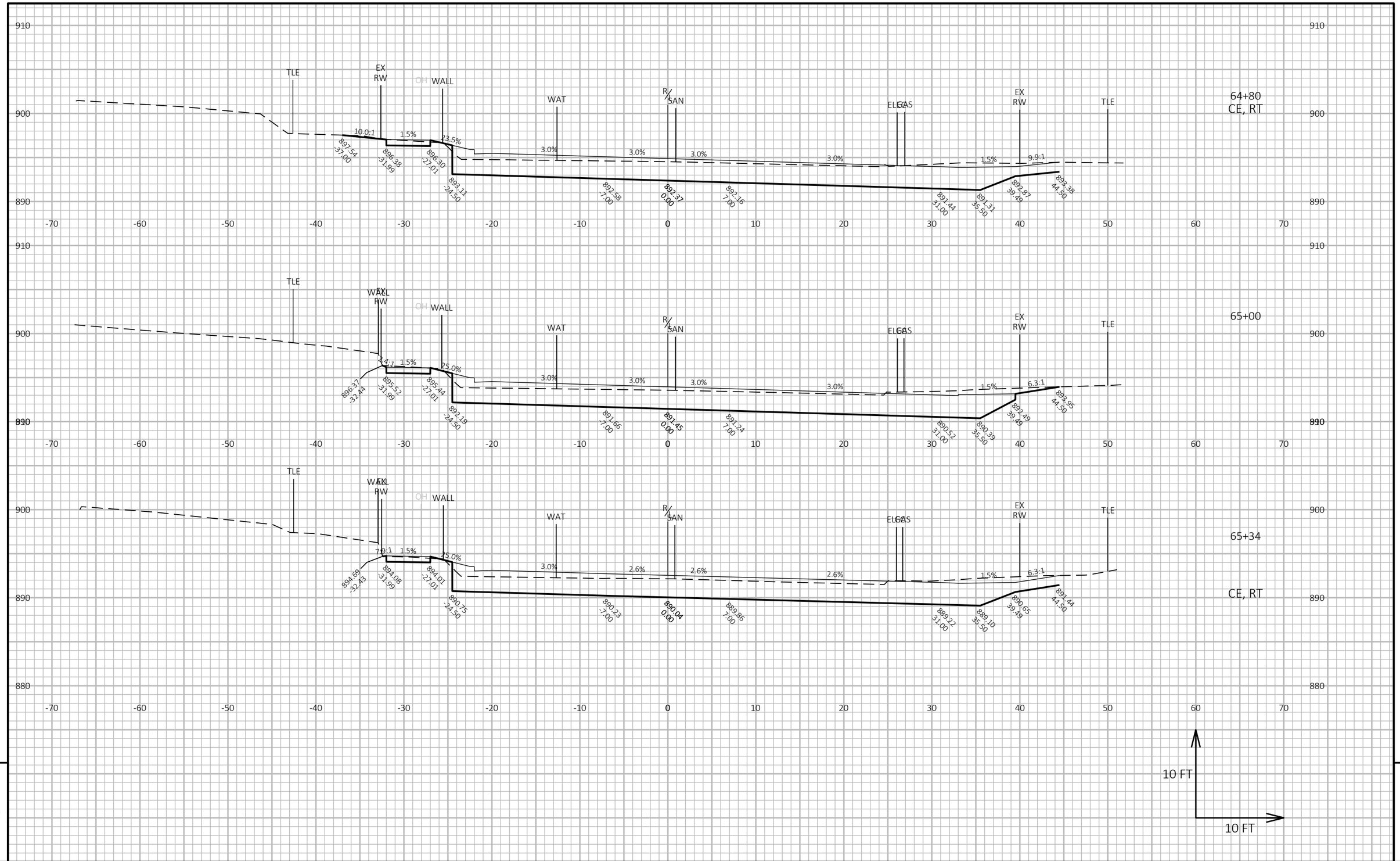


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 629	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 57

PLOT DATE : 4/28/2023 5:15 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

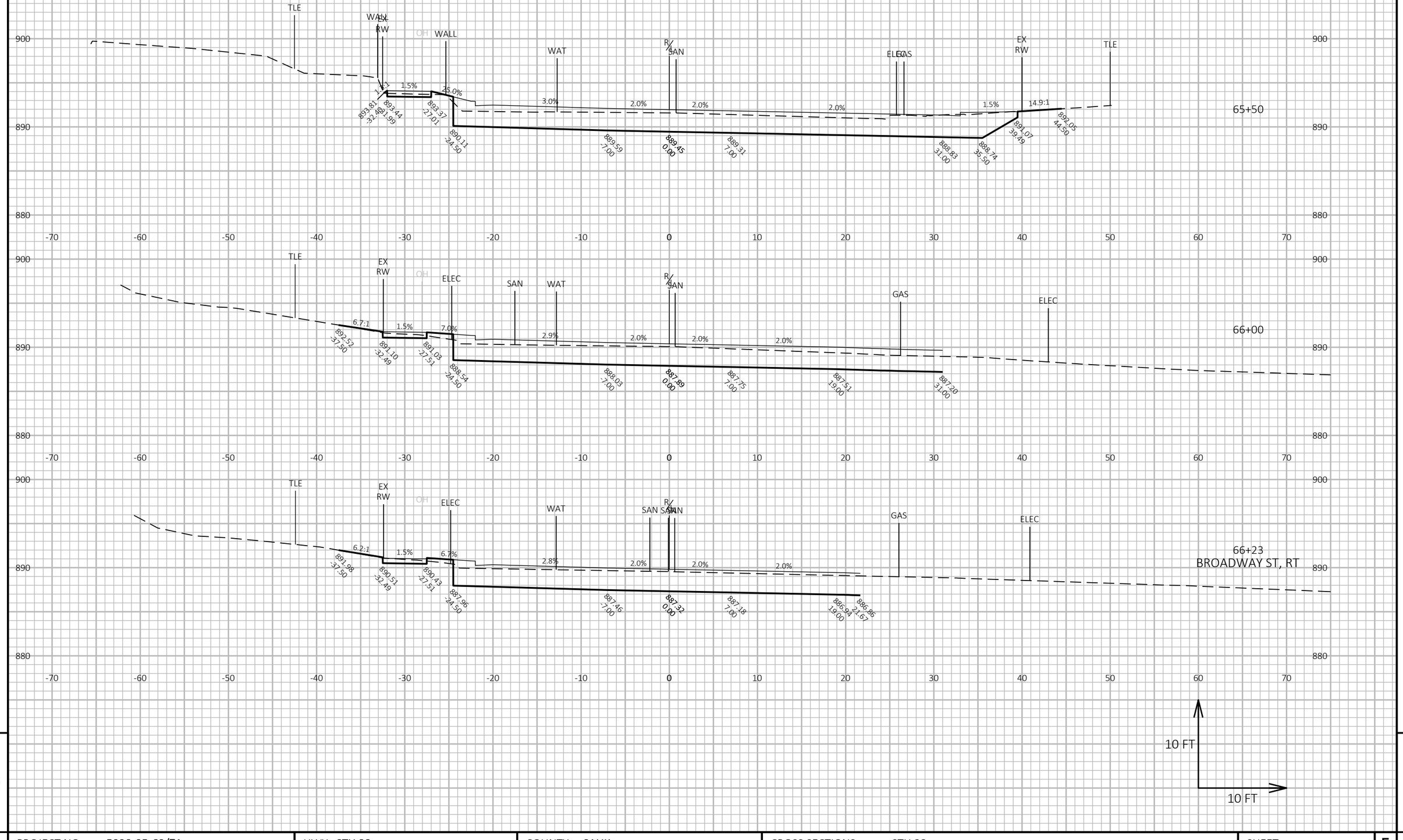


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 630	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 58

PLOT DATE : 4/28/2023 5:15 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

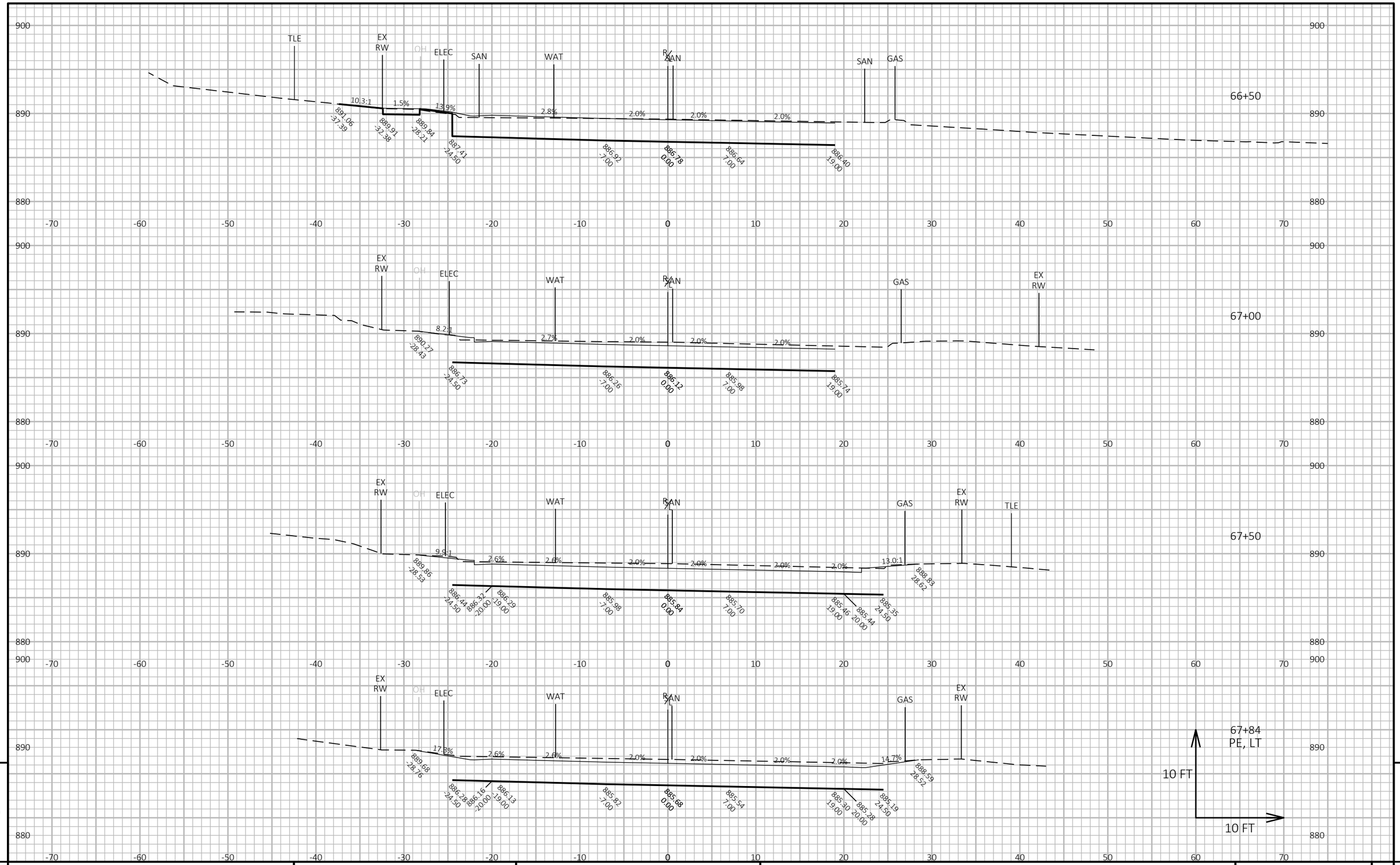


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 631	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 59

PLOT DATE : 4/28/2023 5:16 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

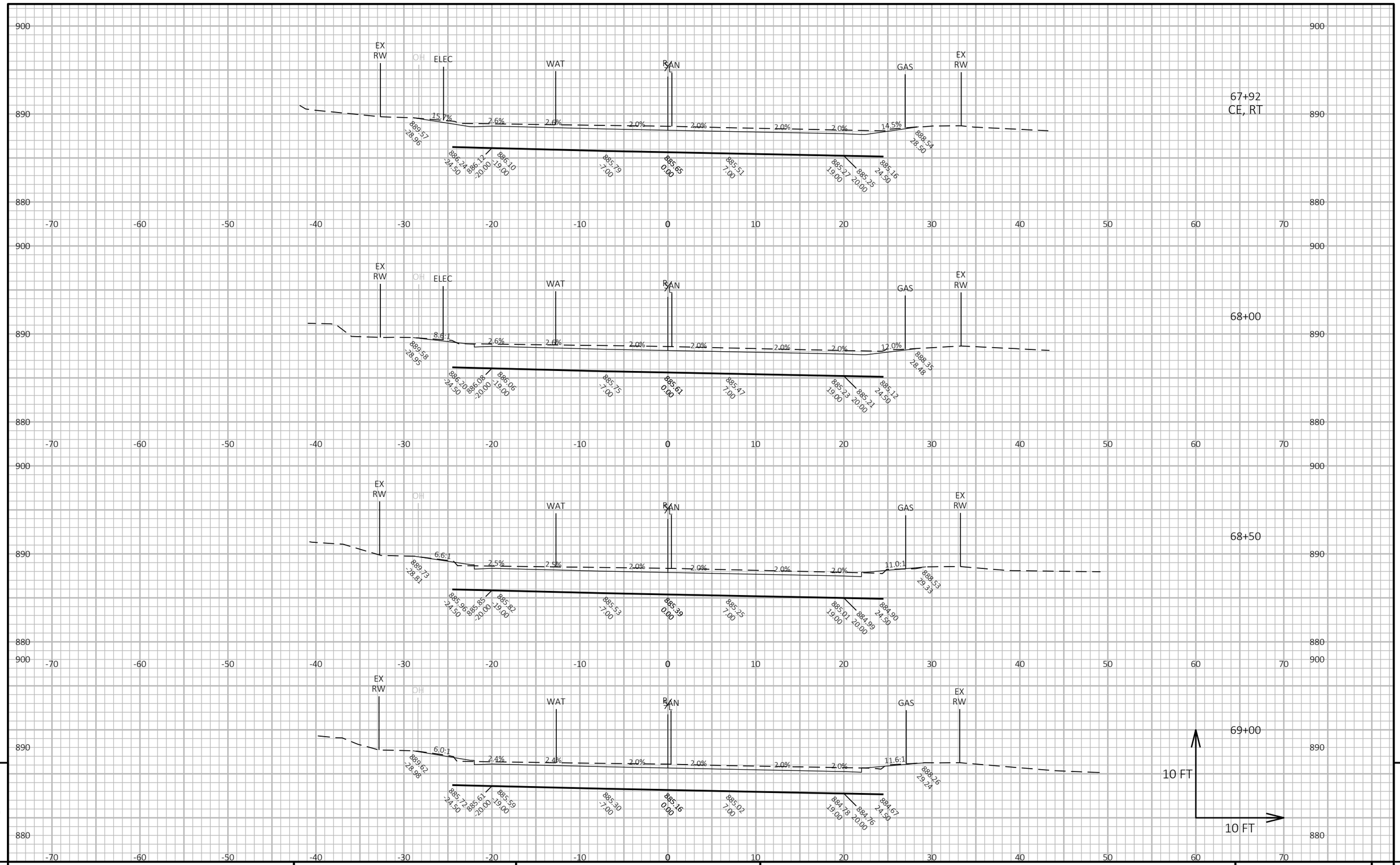


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 632	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 60

PLOT DATE : 4/28/2023 5:16 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

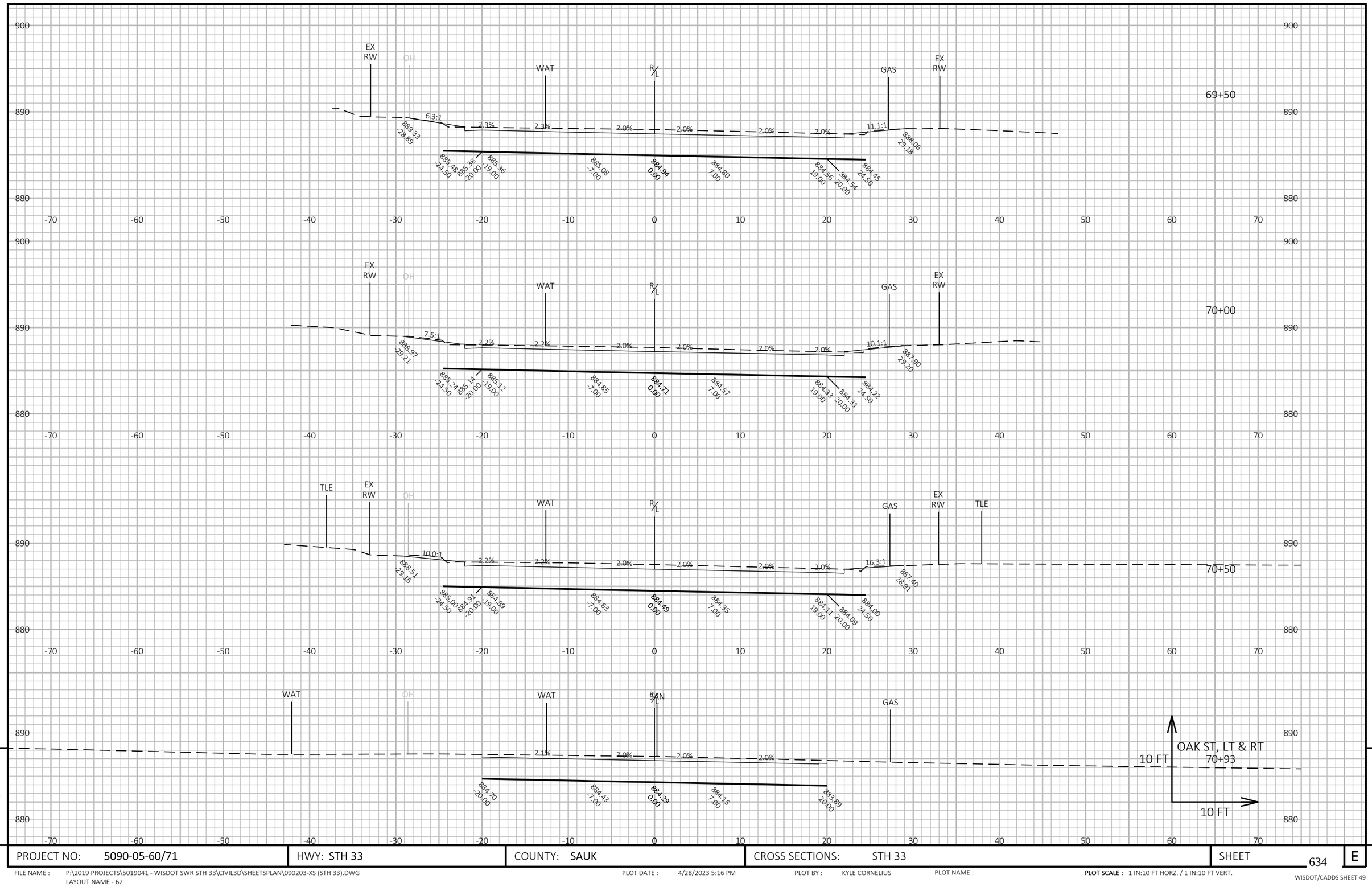


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 633	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 61

PLOT DATE : 4/28/2023 5:16 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 634	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 62

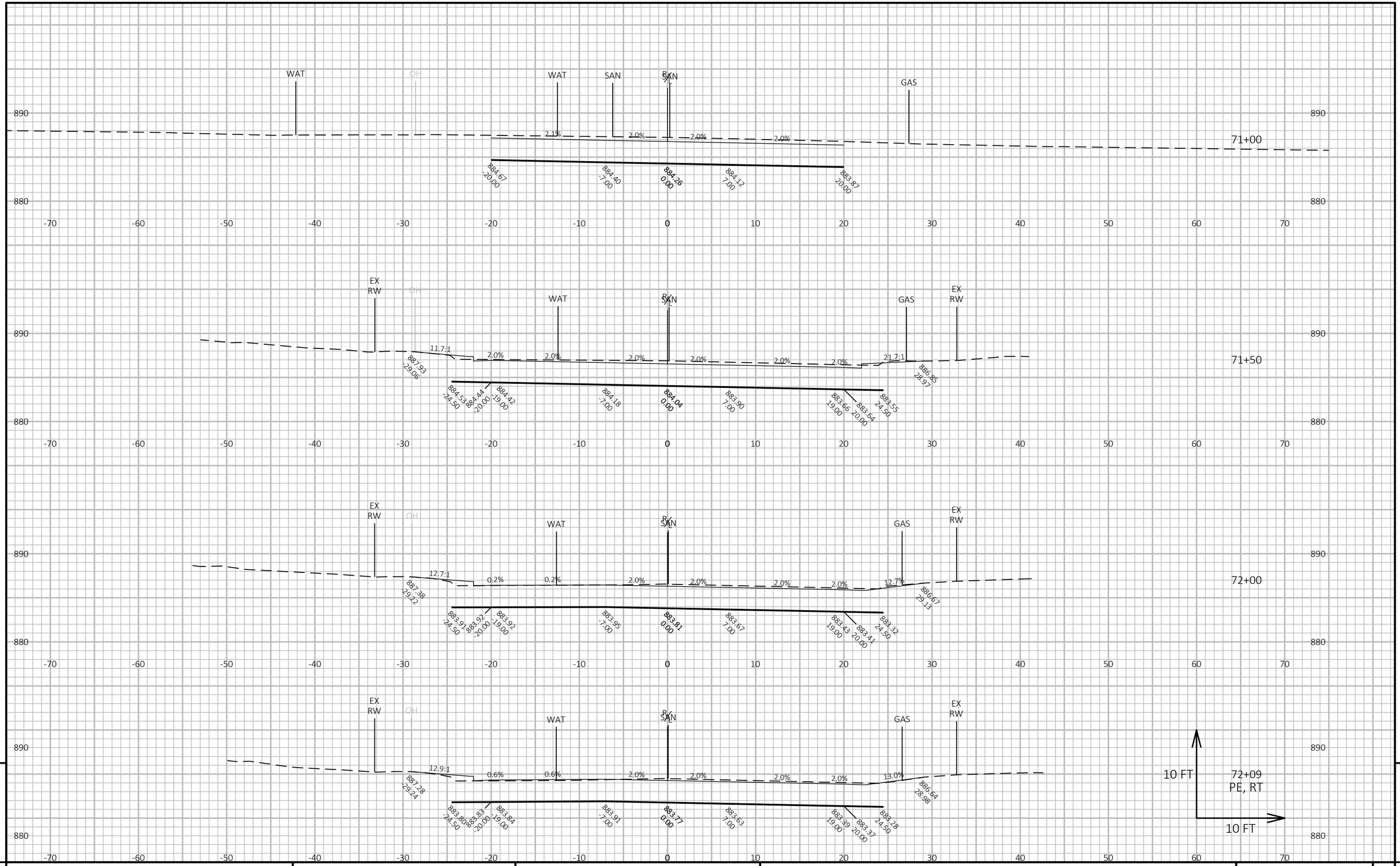
PLOT DATE : 4/28/2023 5:16 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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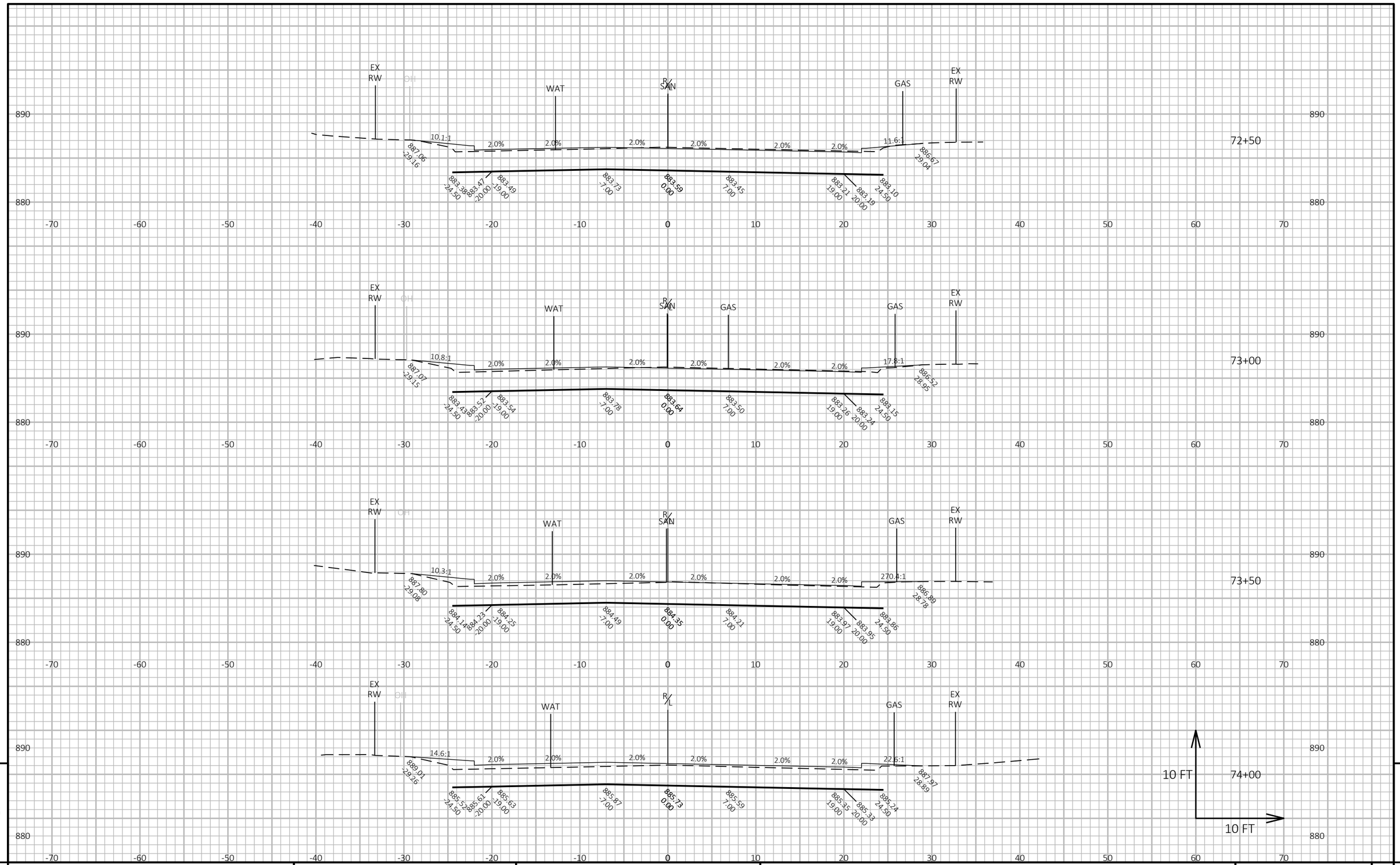
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 635	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 63

PLOT DATE : 4/28/2023 5:16 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 636	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 64

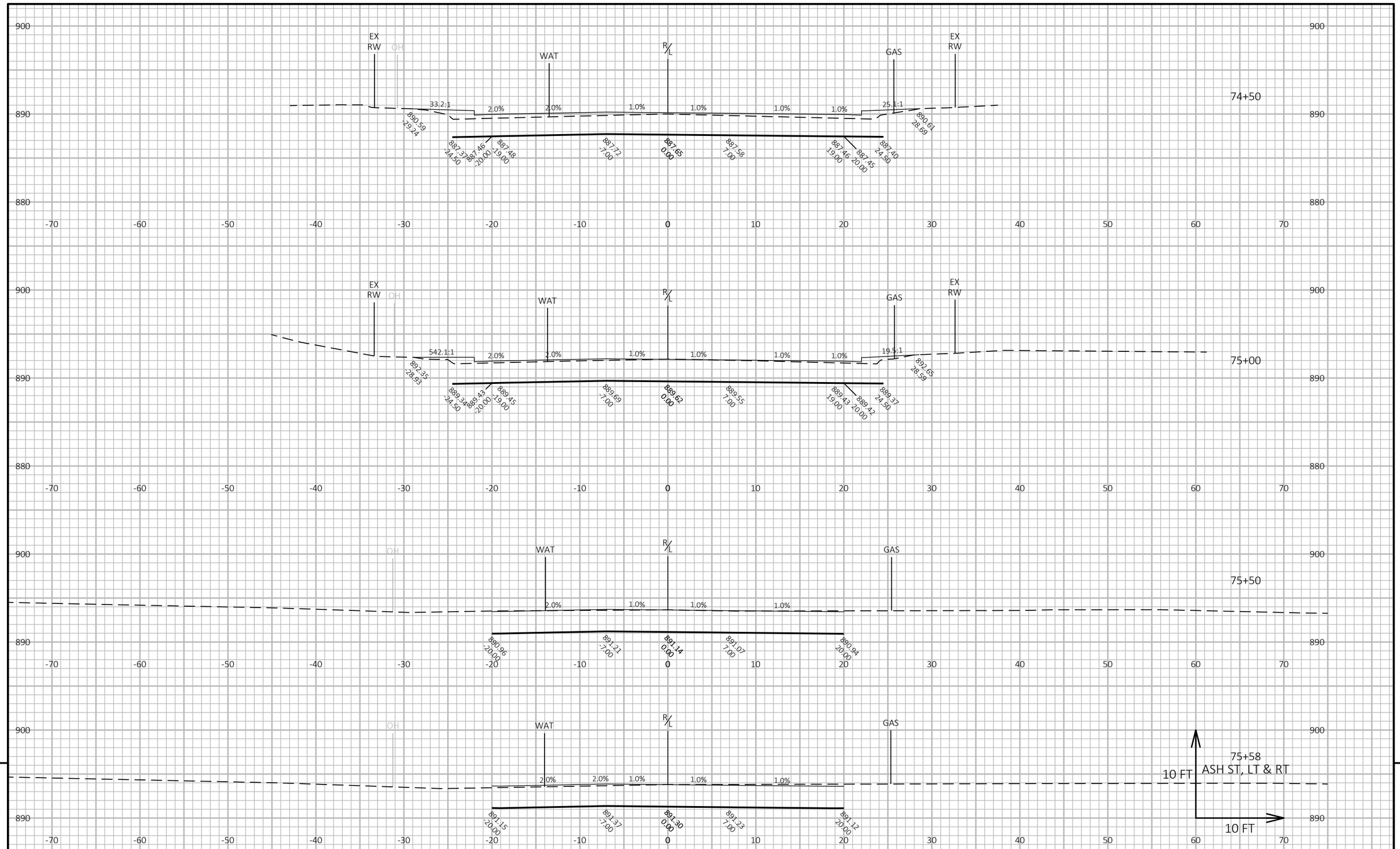
PLOT DATE : 4/28/2023 5:17 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

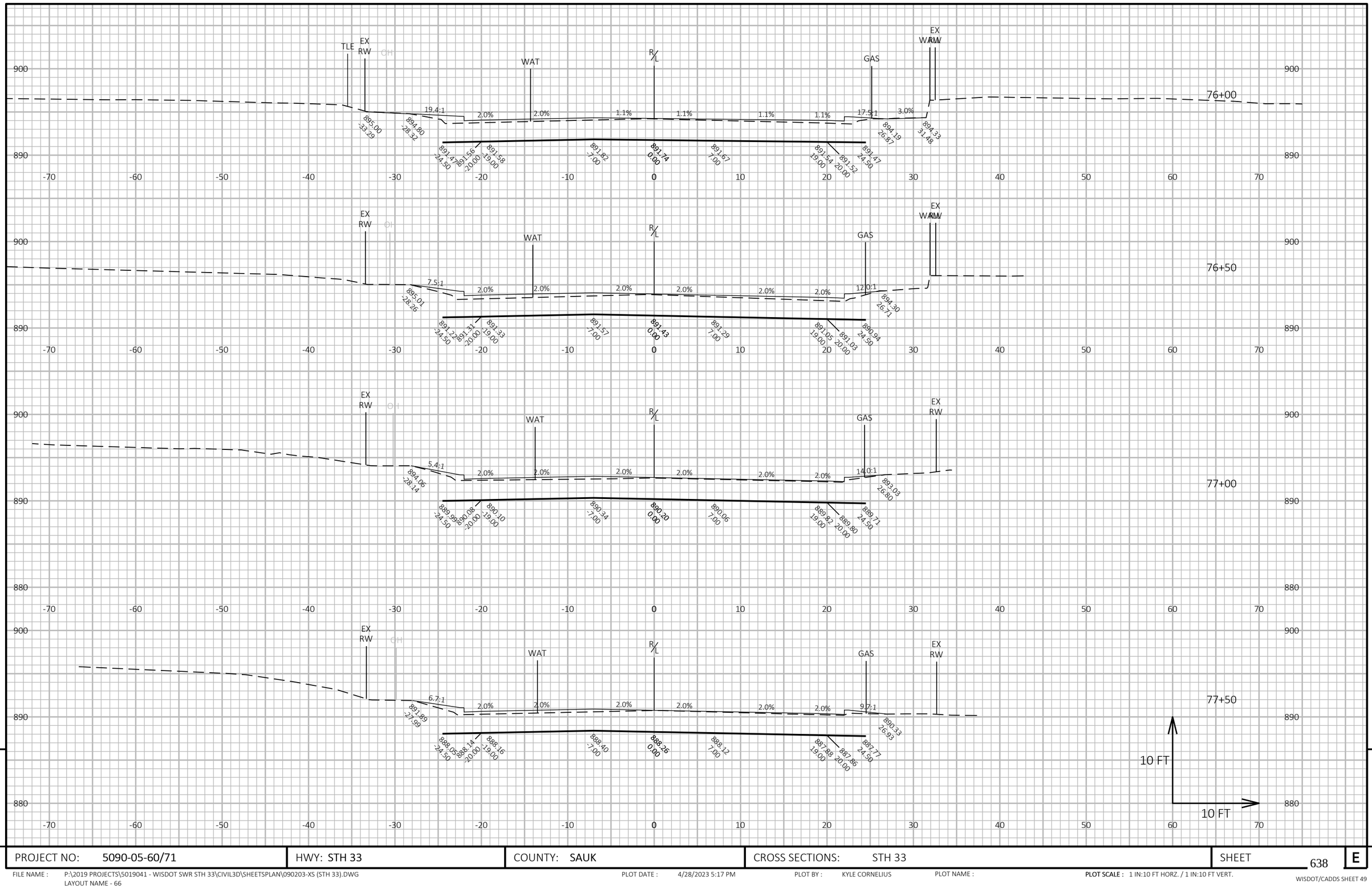


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 637	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 65

PLOT DATE : 4/28/2023 5:17 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

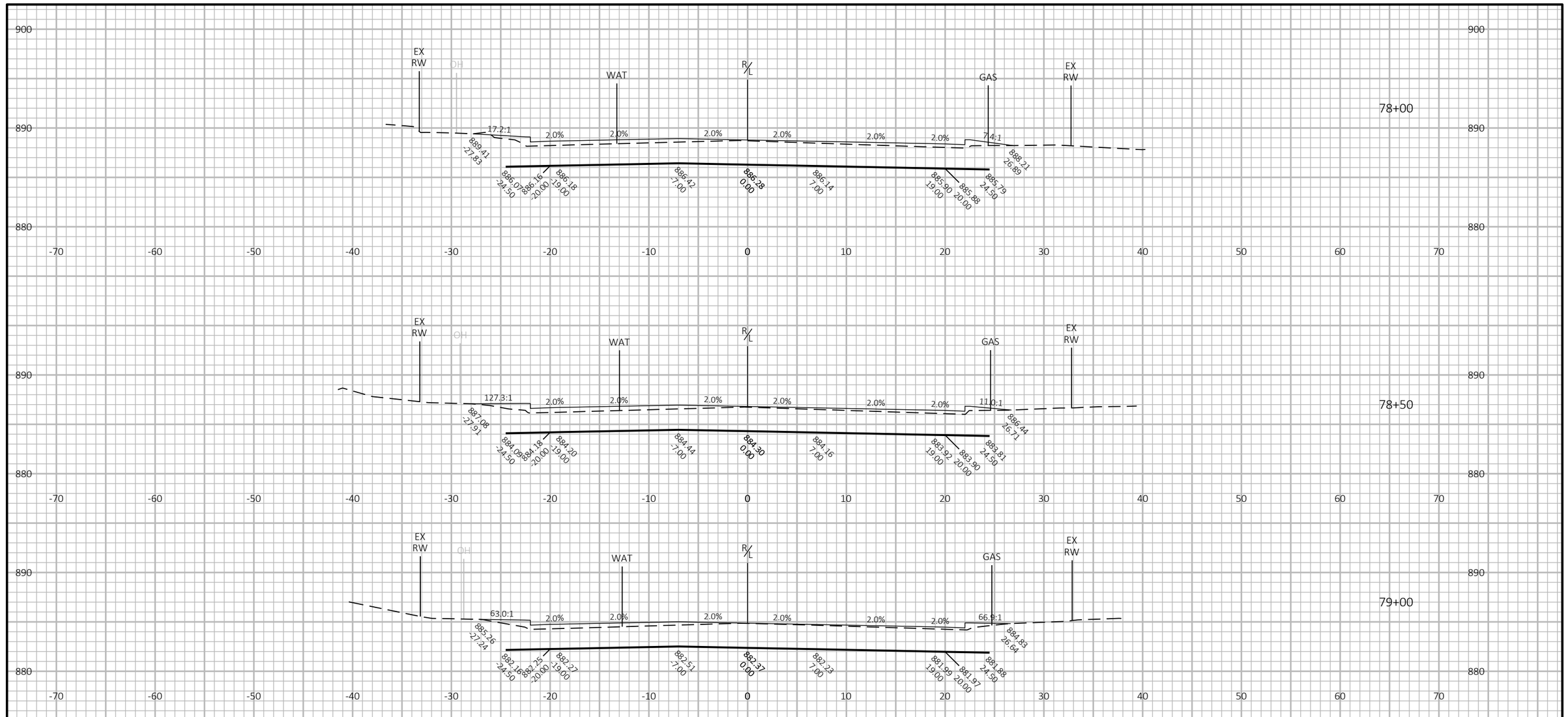


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 638	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 66

PLOT DATE : 4/28/2023 5:17 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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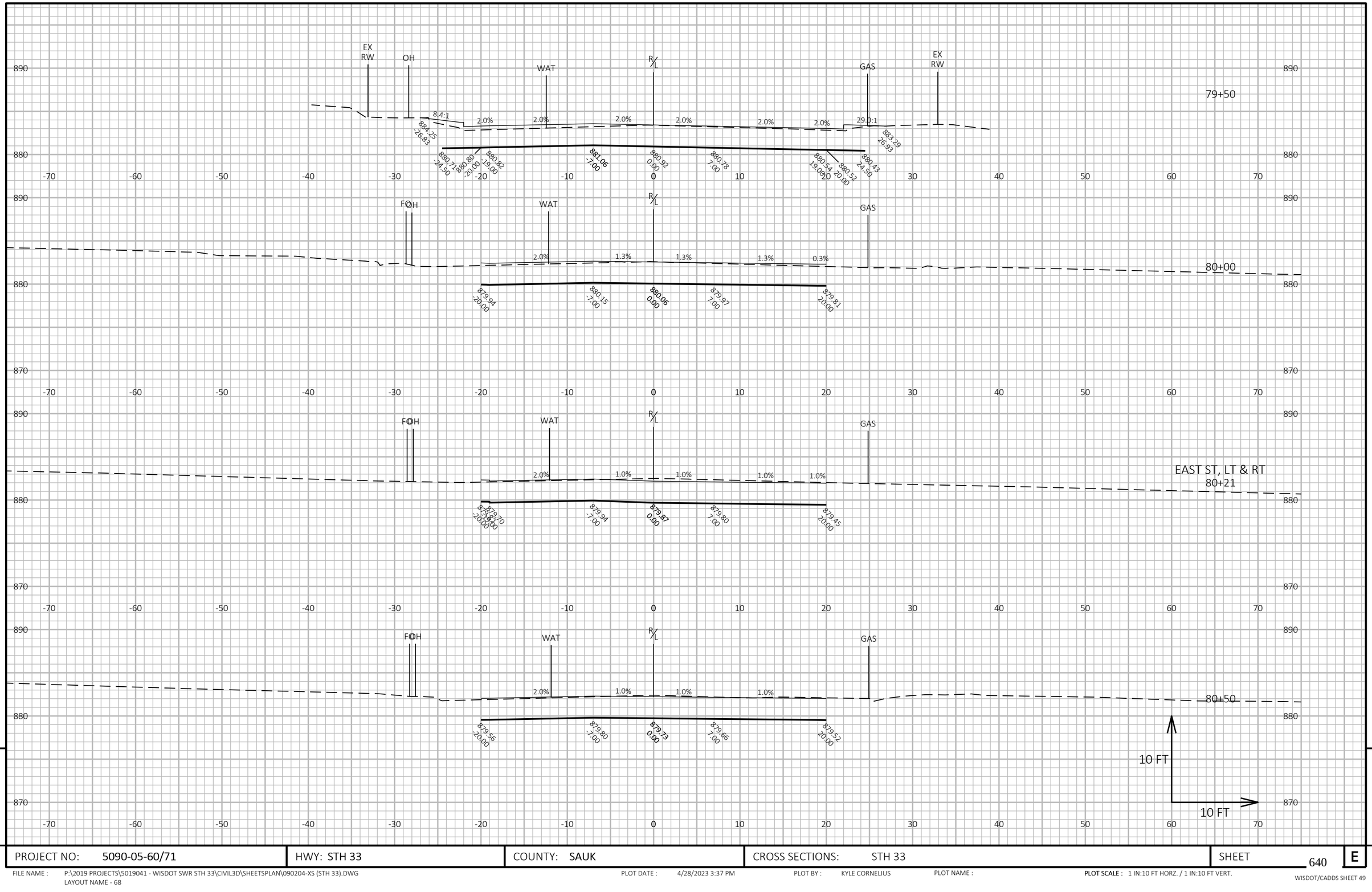
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 639	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090203-XS (STH 33).DWG
LAYOUT NAME - 67

PLOT DATE : 4/28/2023 5:17 PM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 640	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 68

PLOT DATE : 4/28/2023 3:37 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

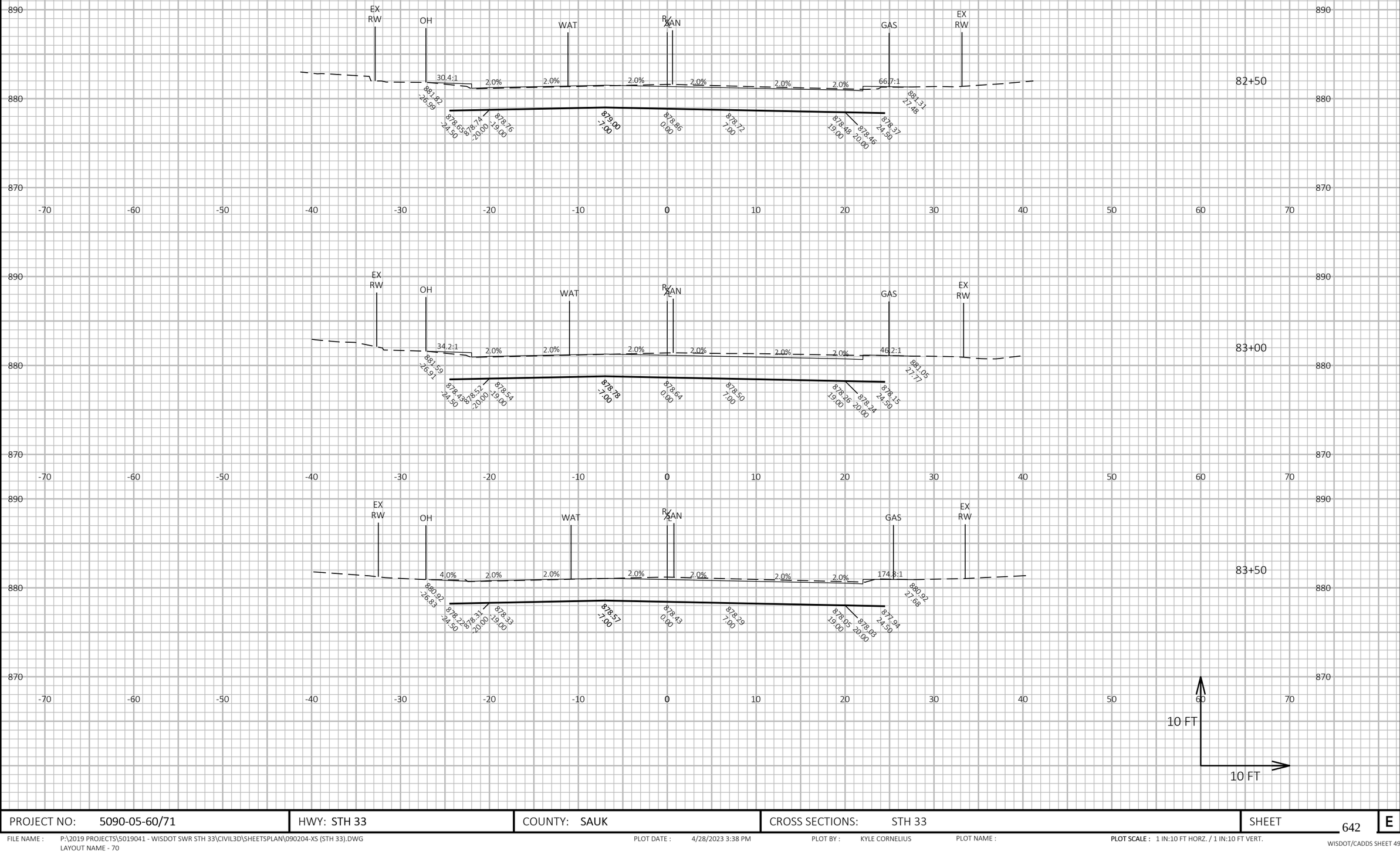
WISDOT/CADDS SHEET 49

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 641	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 69

PLOT DATE : 4/28/2023 3:37 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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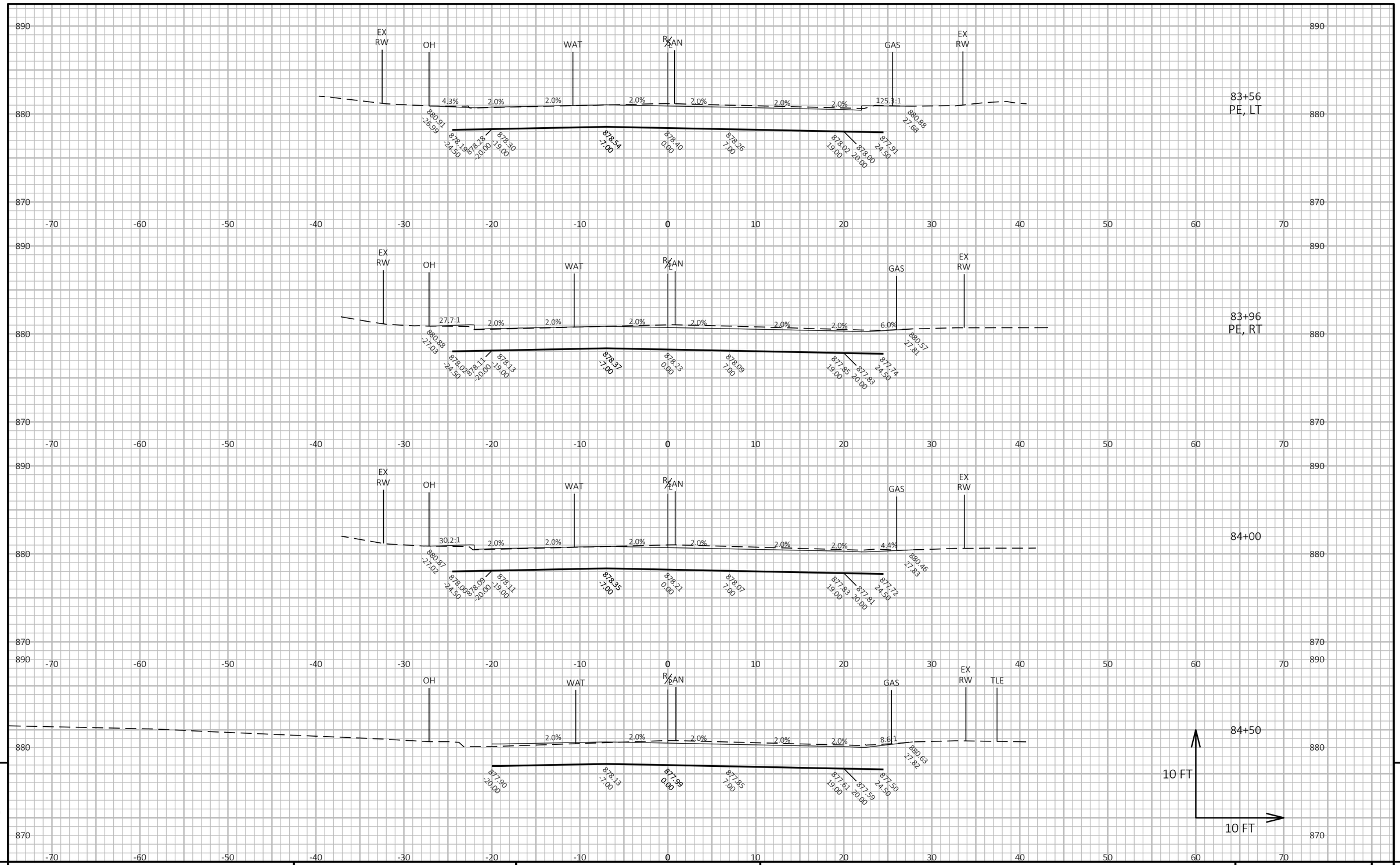
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 642 E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 70

PLOT DATE : 4/28/2023 3:38 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

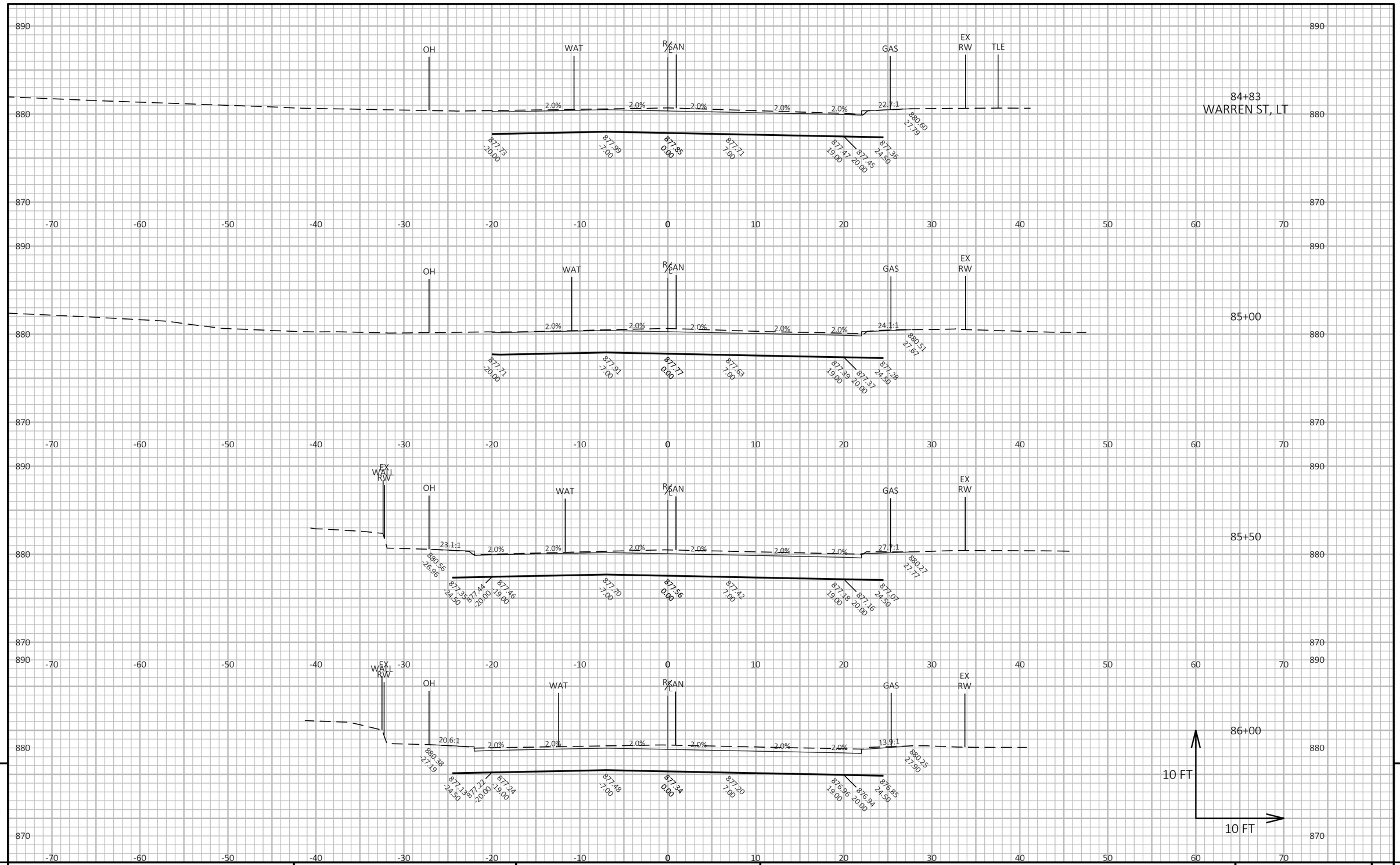


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 643	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 71

PLOT DATE : 4/28/2023 3:38 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 644	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 72

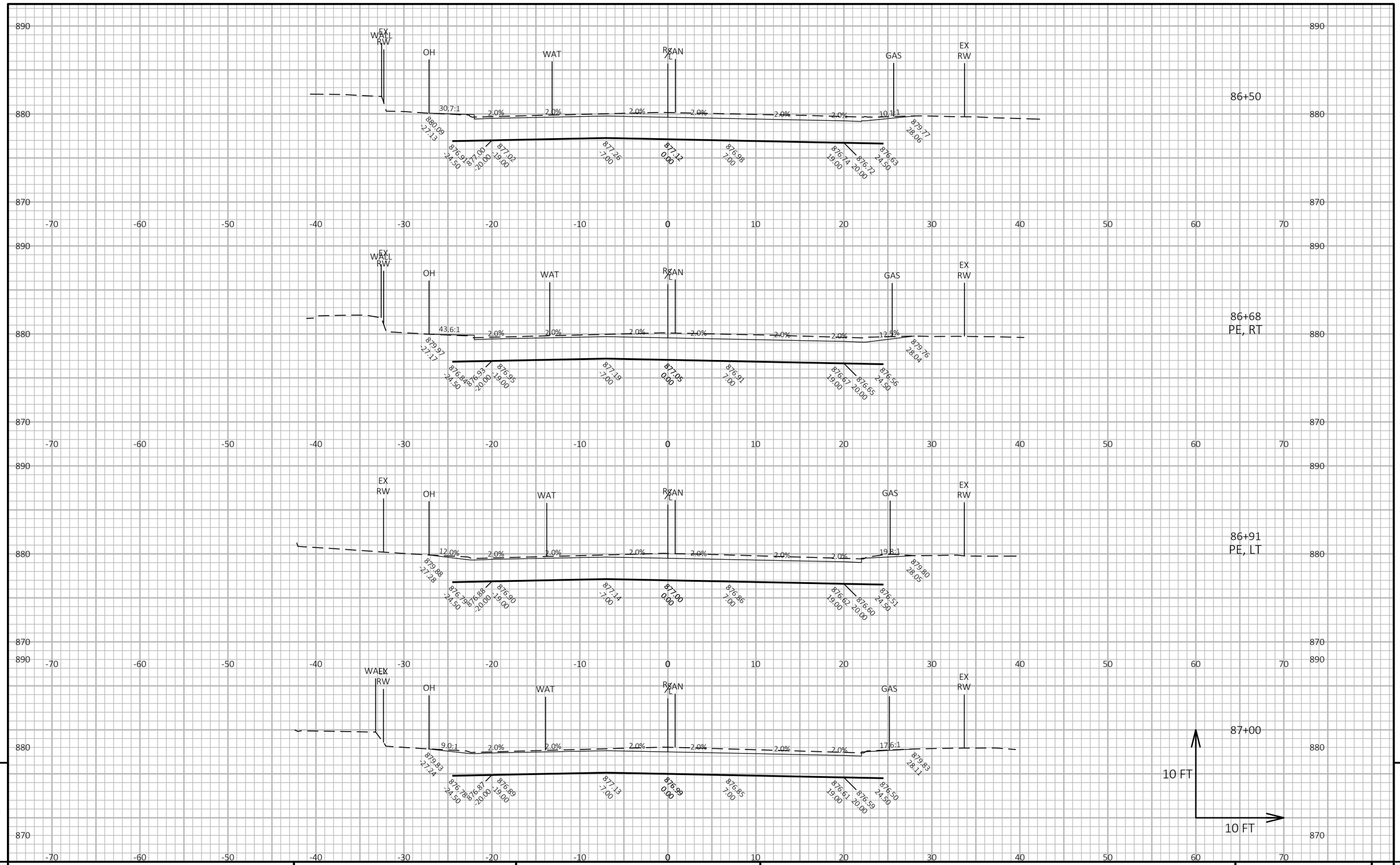
PLOT DATE : 4/28/2023 3:38 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 645	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 73

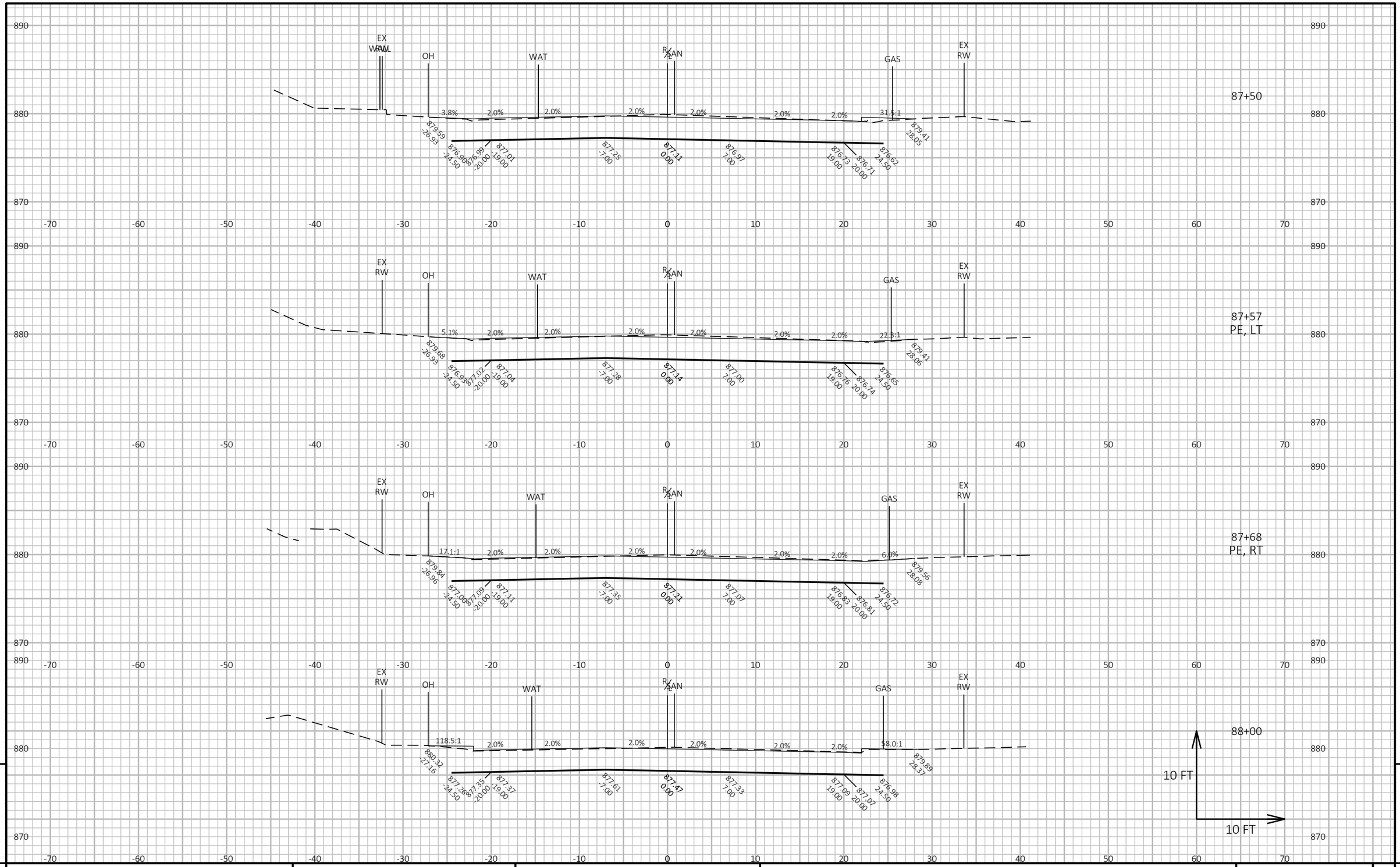
PLOT DATE : 4/28/2023 3:38 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 646	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 74

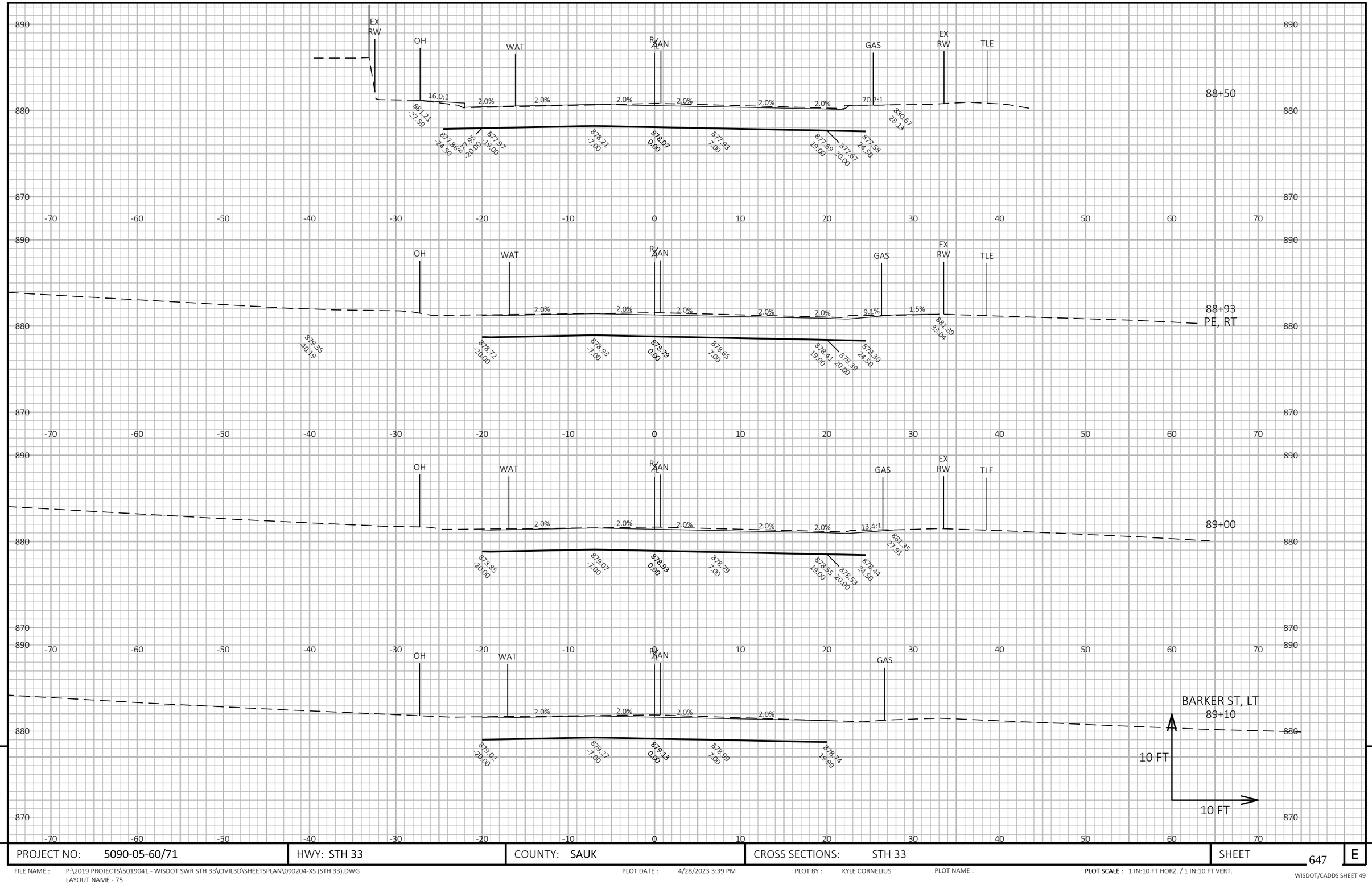
PLOT DATE : 4/28/2023 3:38 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 647	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 75

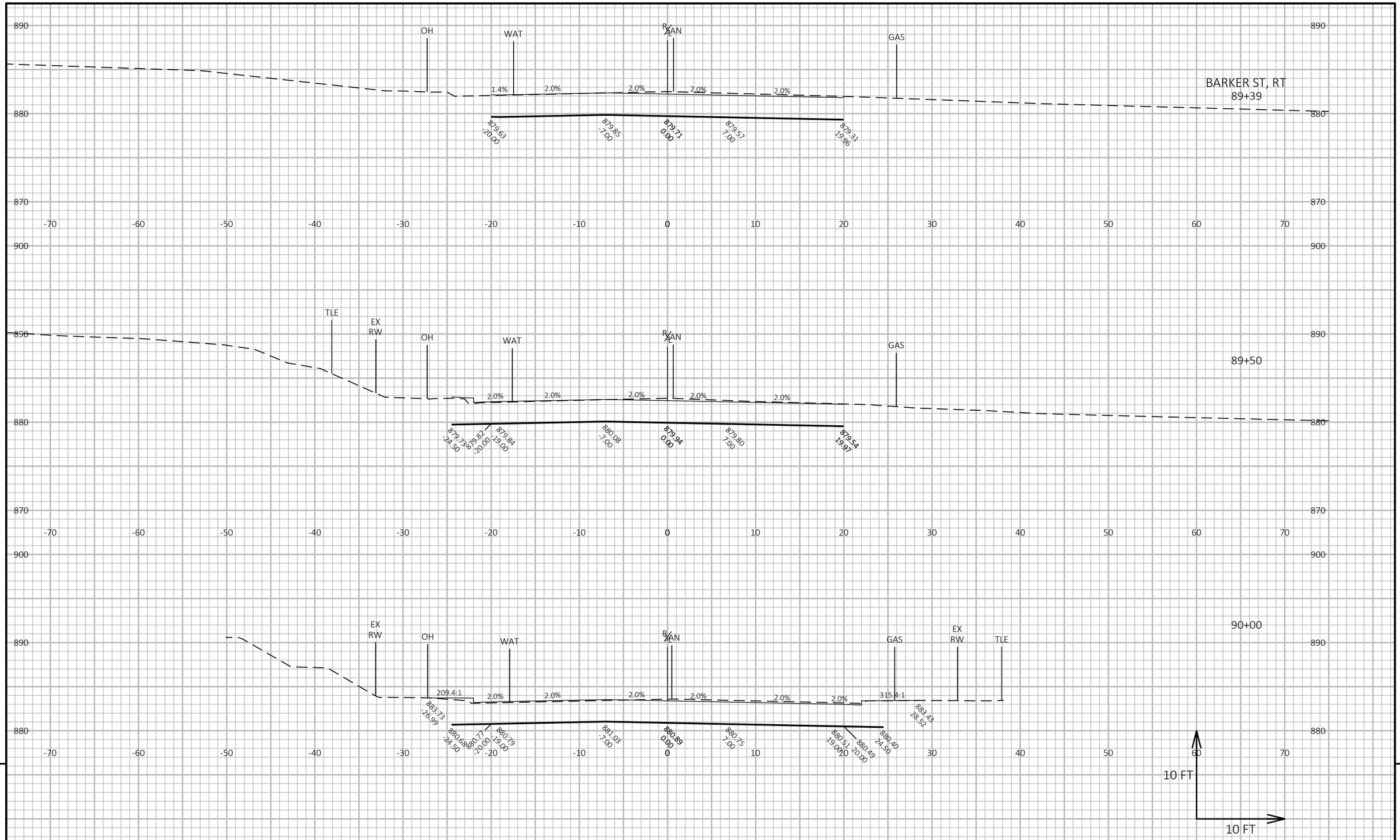
PLOT DATE : 4/28/2023 3:39 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

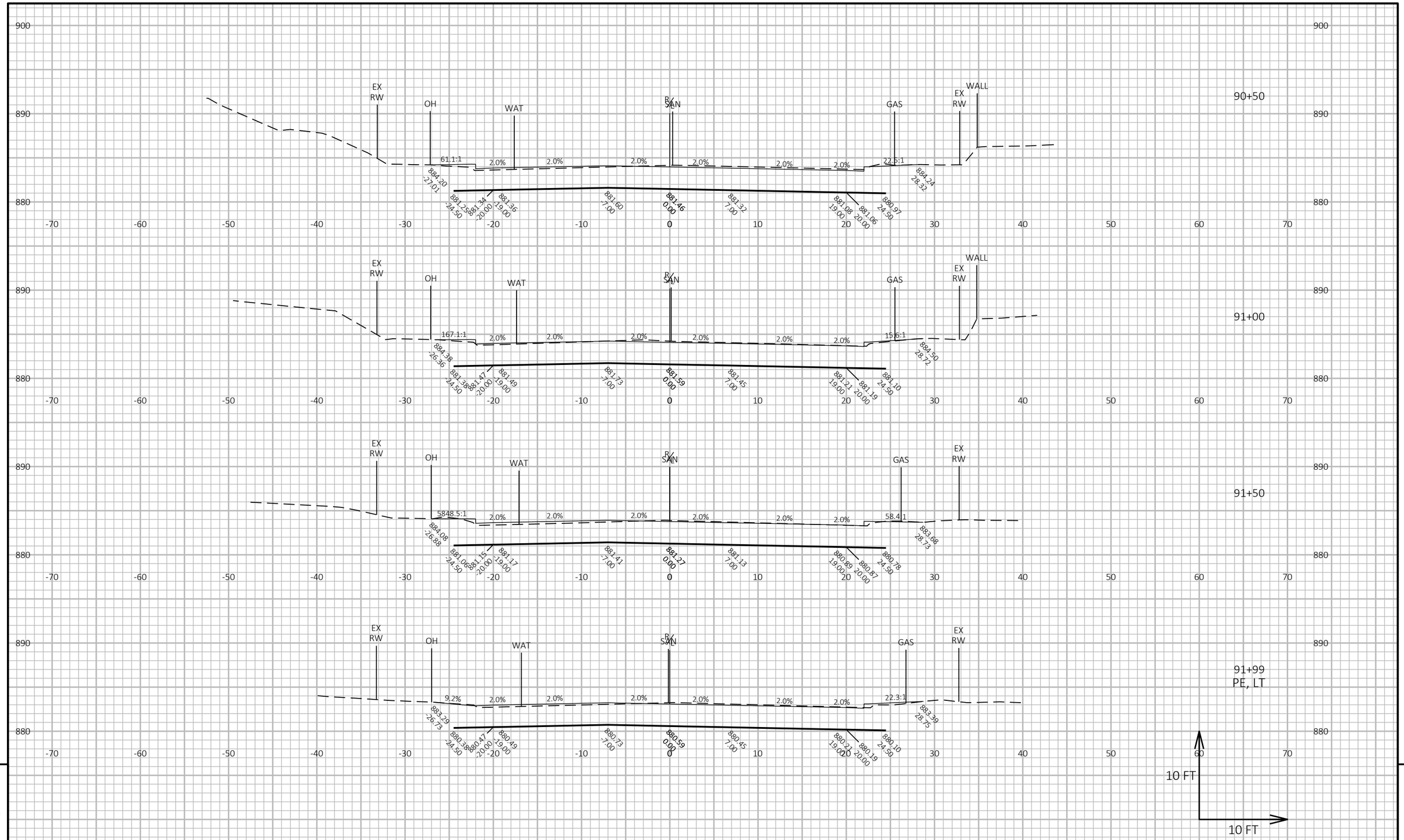


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 648	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 76

PLOT DATE : 4/28/2023 3:39 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

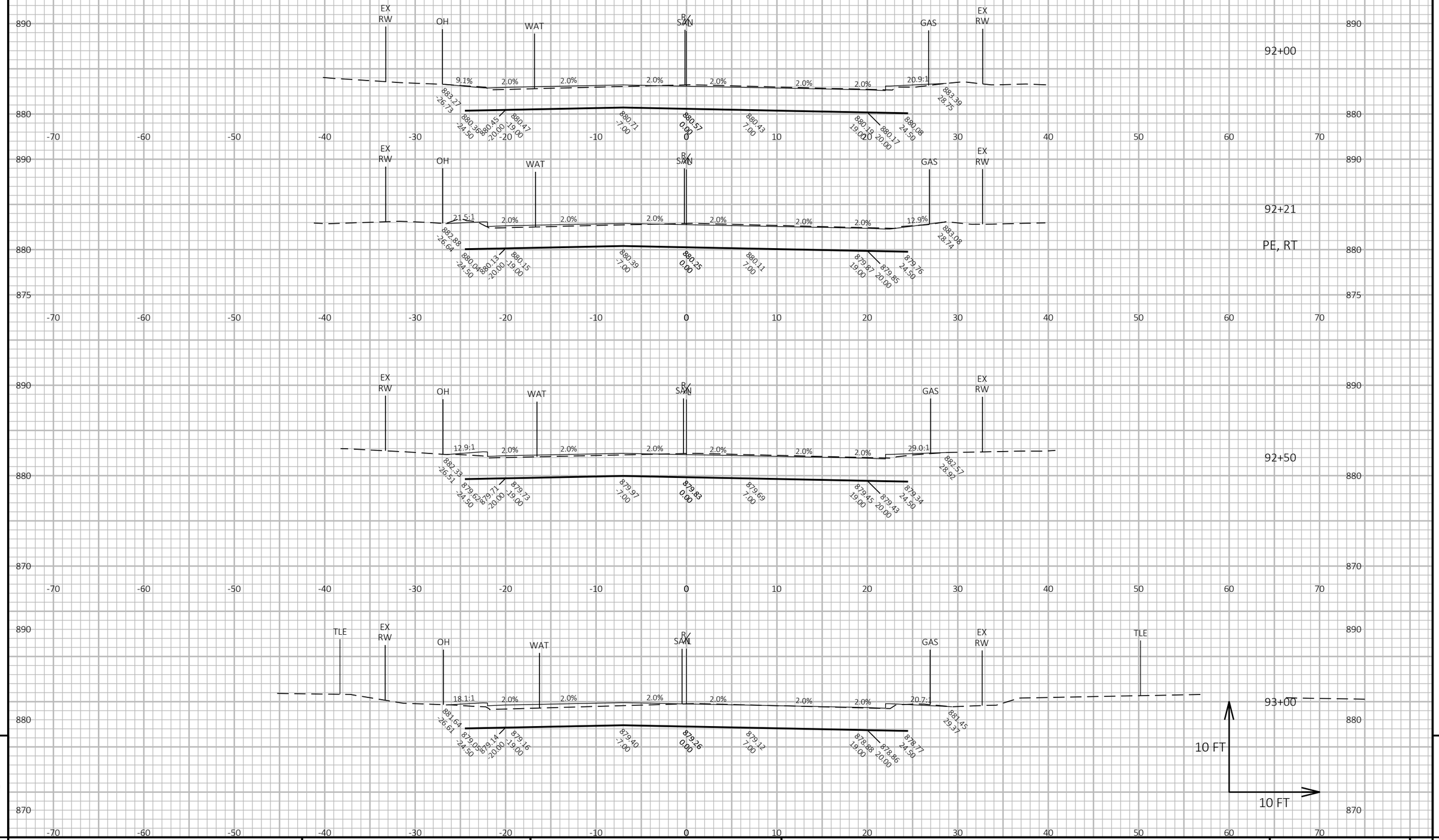


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 649	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 77

PLOT DATE : 4/28/2023 3:39 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

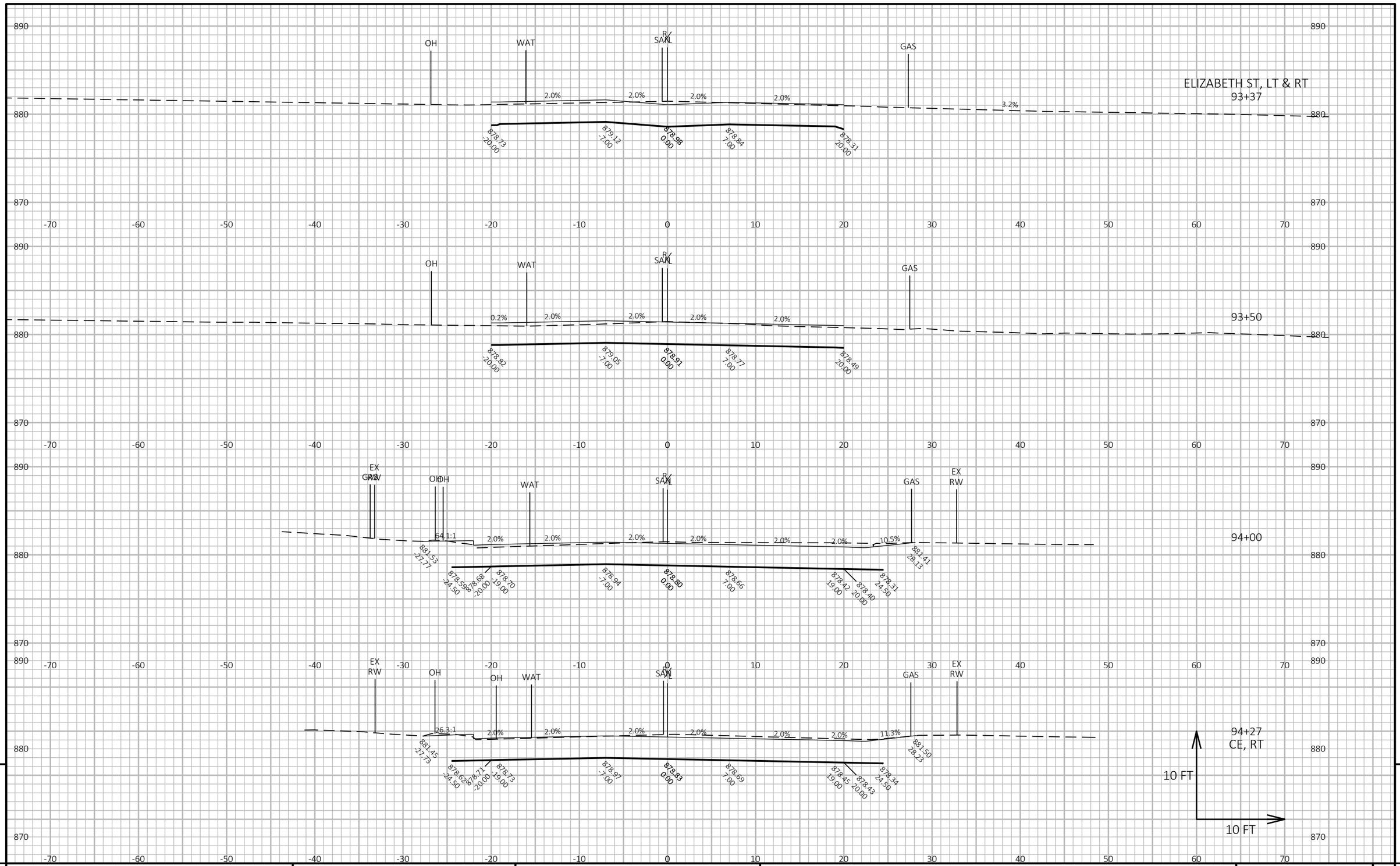


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 650	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 78

PLOT DATE : 4/28/2023 3:39 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

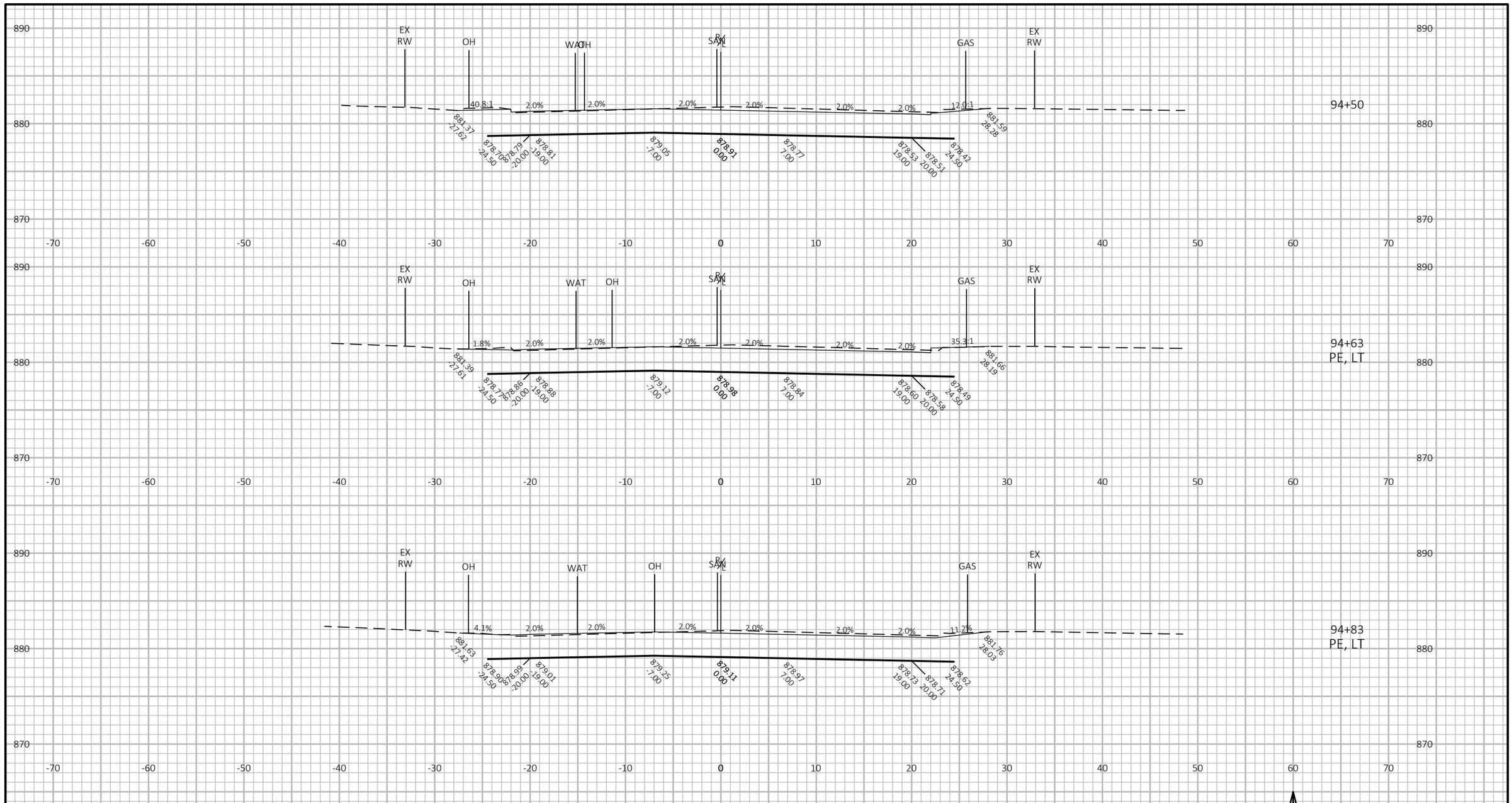


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 651	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 79

PLOT DATE : 4/28/2023 3:40 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 652	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 80

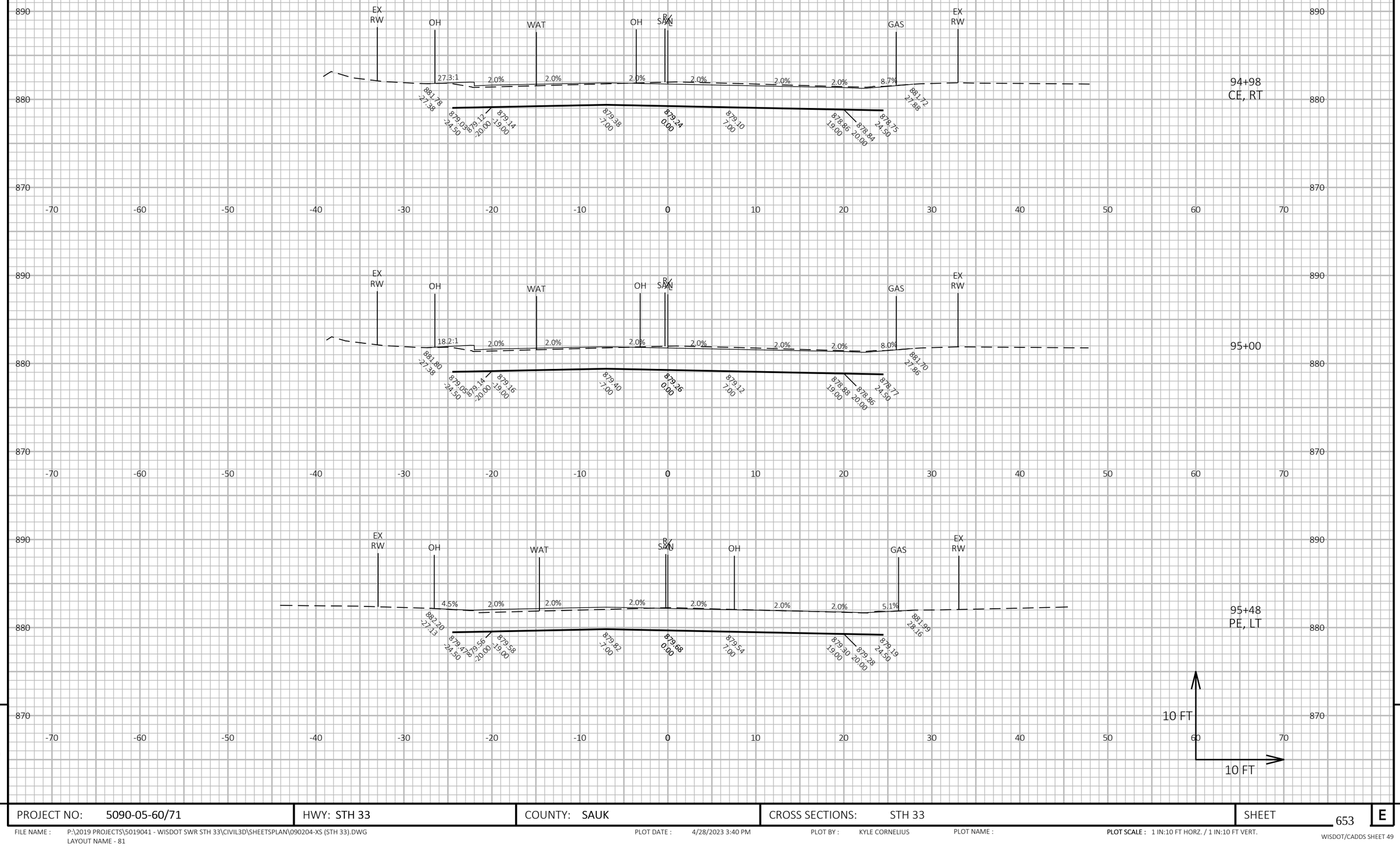
PLOT DATE : 4/28/2023 3:40 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

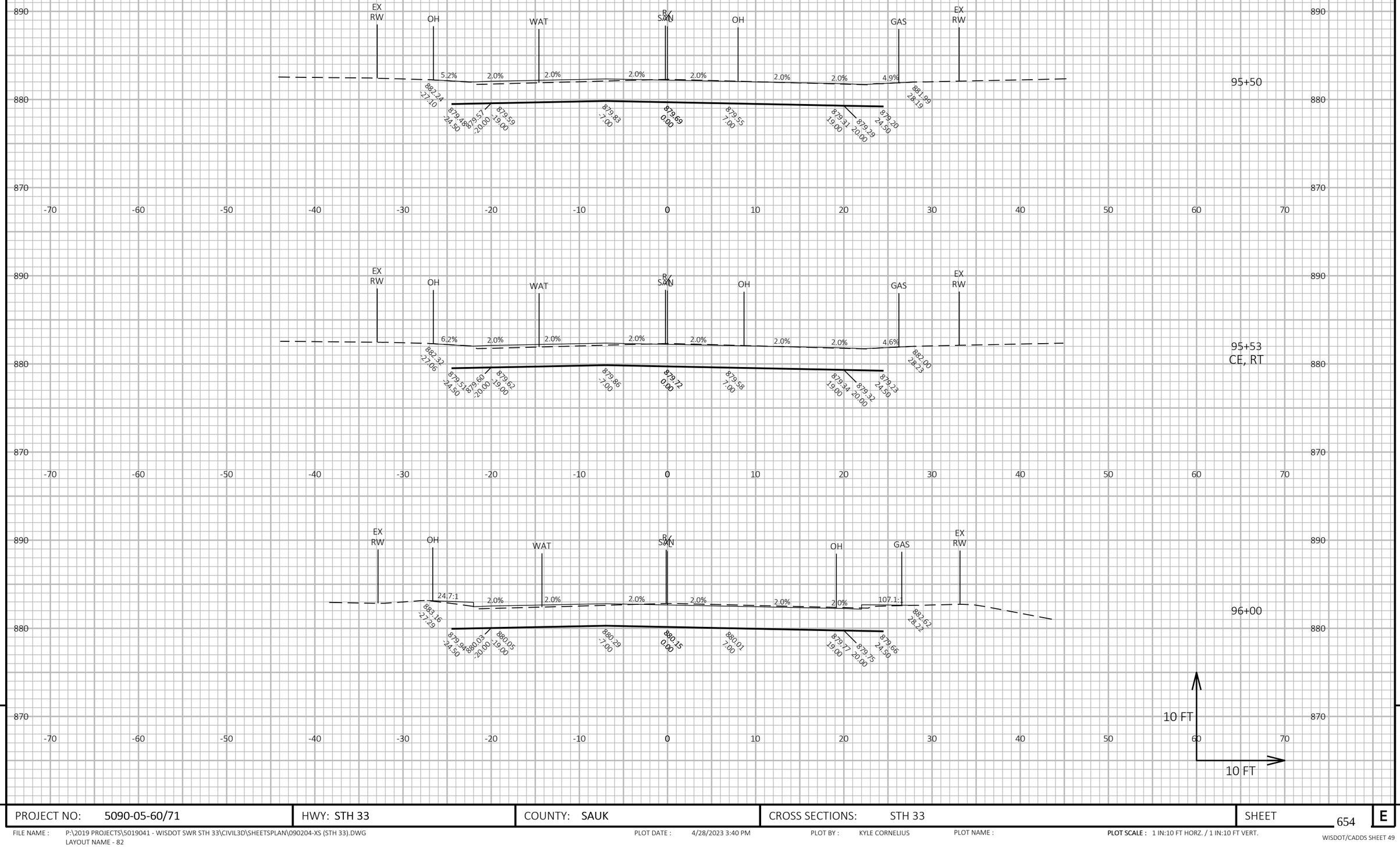


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 653	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 81

PLOT DATE : 4/28/2023 3:40 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

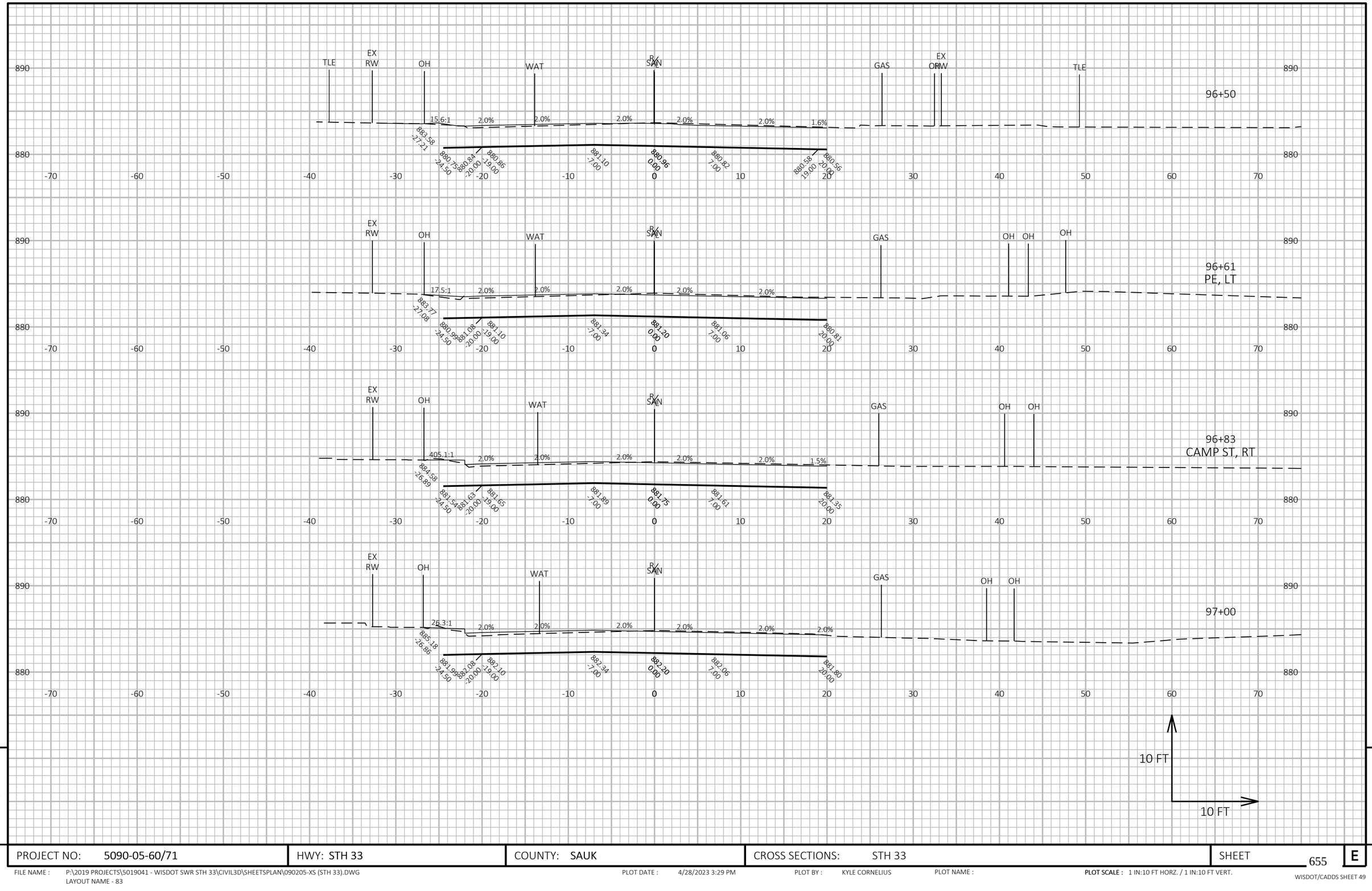


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 654	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090204-XS (STH 33).DWG
LAYOUT NAME - 82

PLOT DATE : 4/28/2023 3:40 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 655	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 83

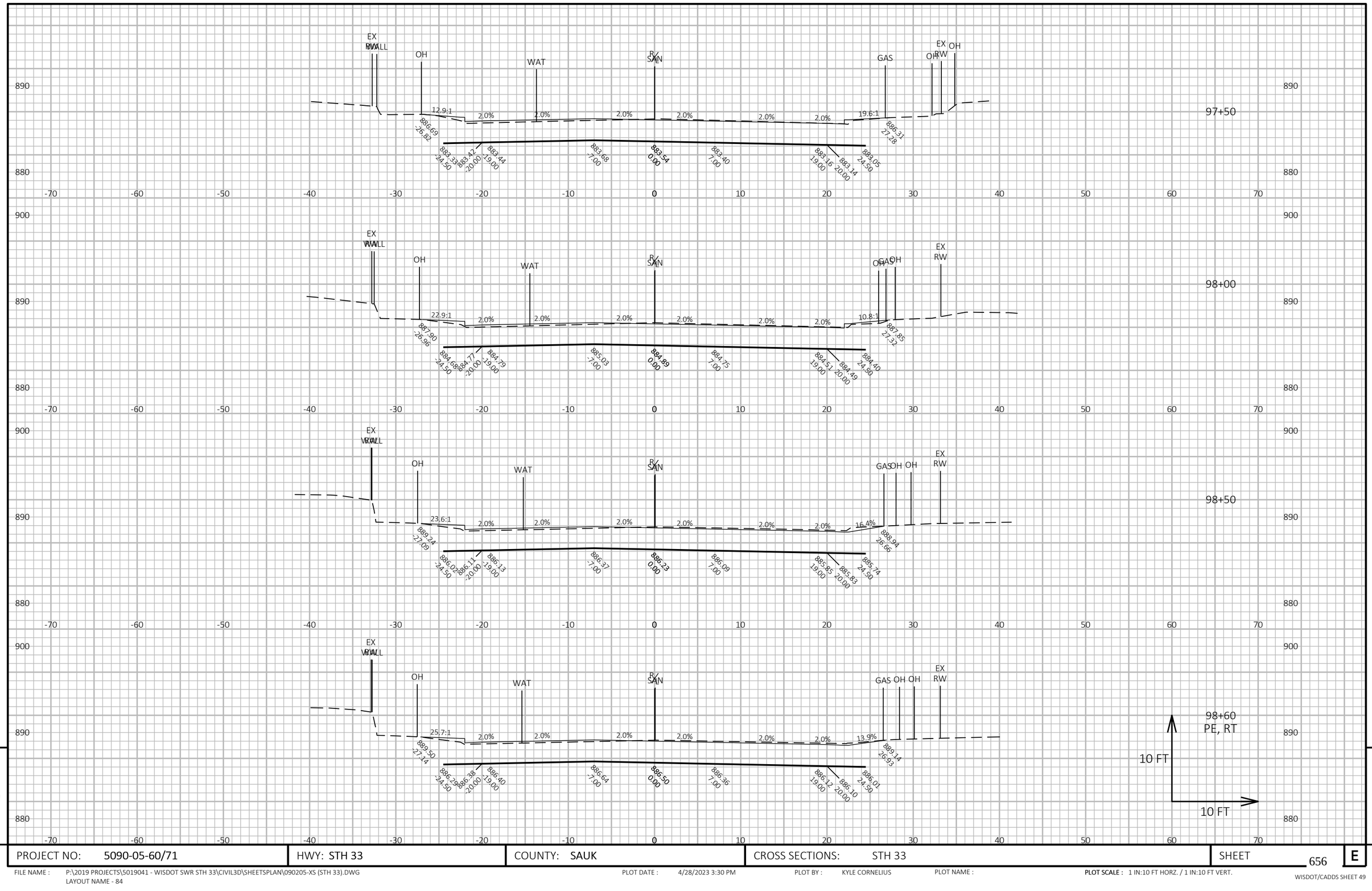
PLOT DATE : 4/28/2023 3:29 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 656	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 84

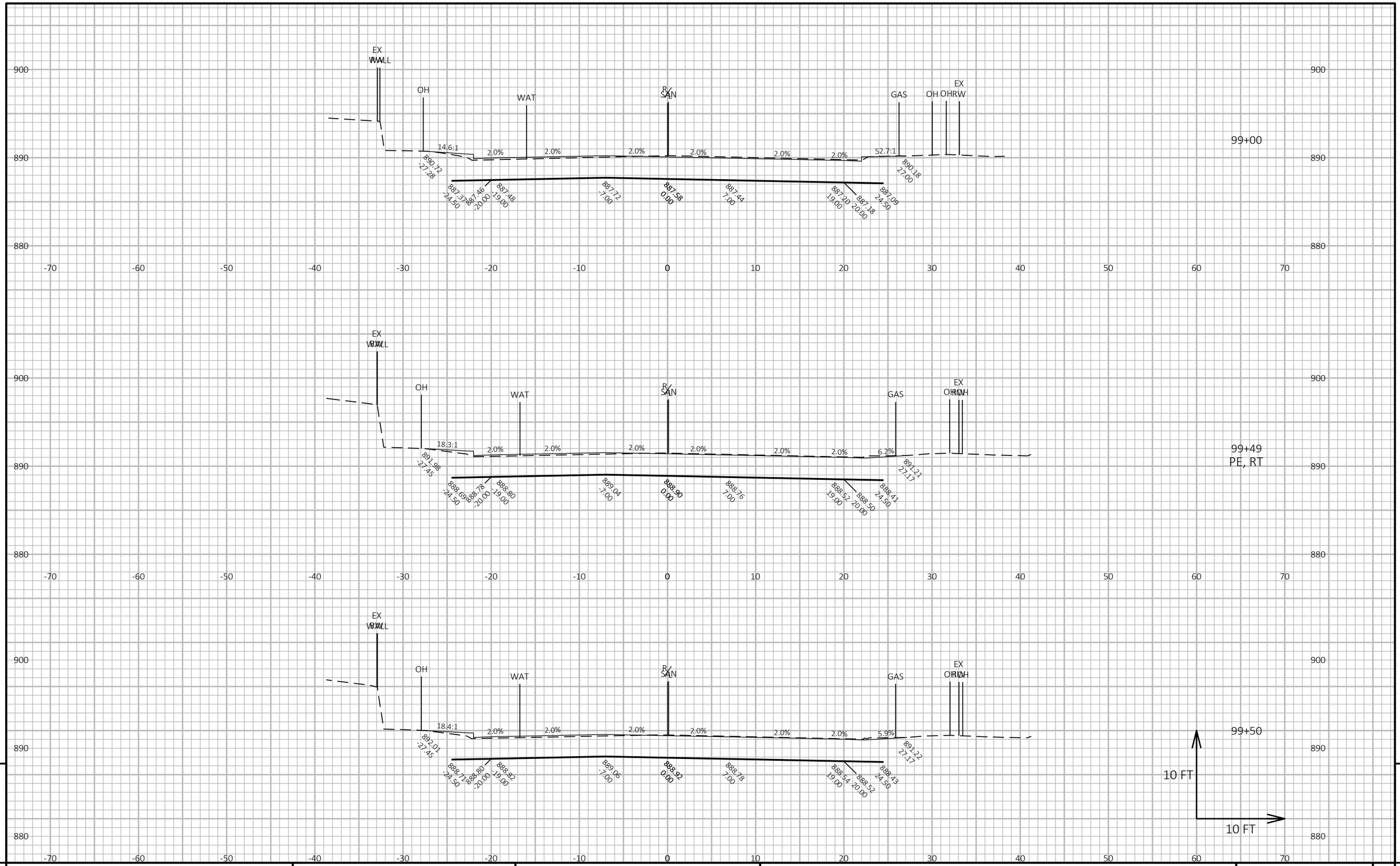
PLOT DATE : 4/28/2023 3:30 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 657	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 85

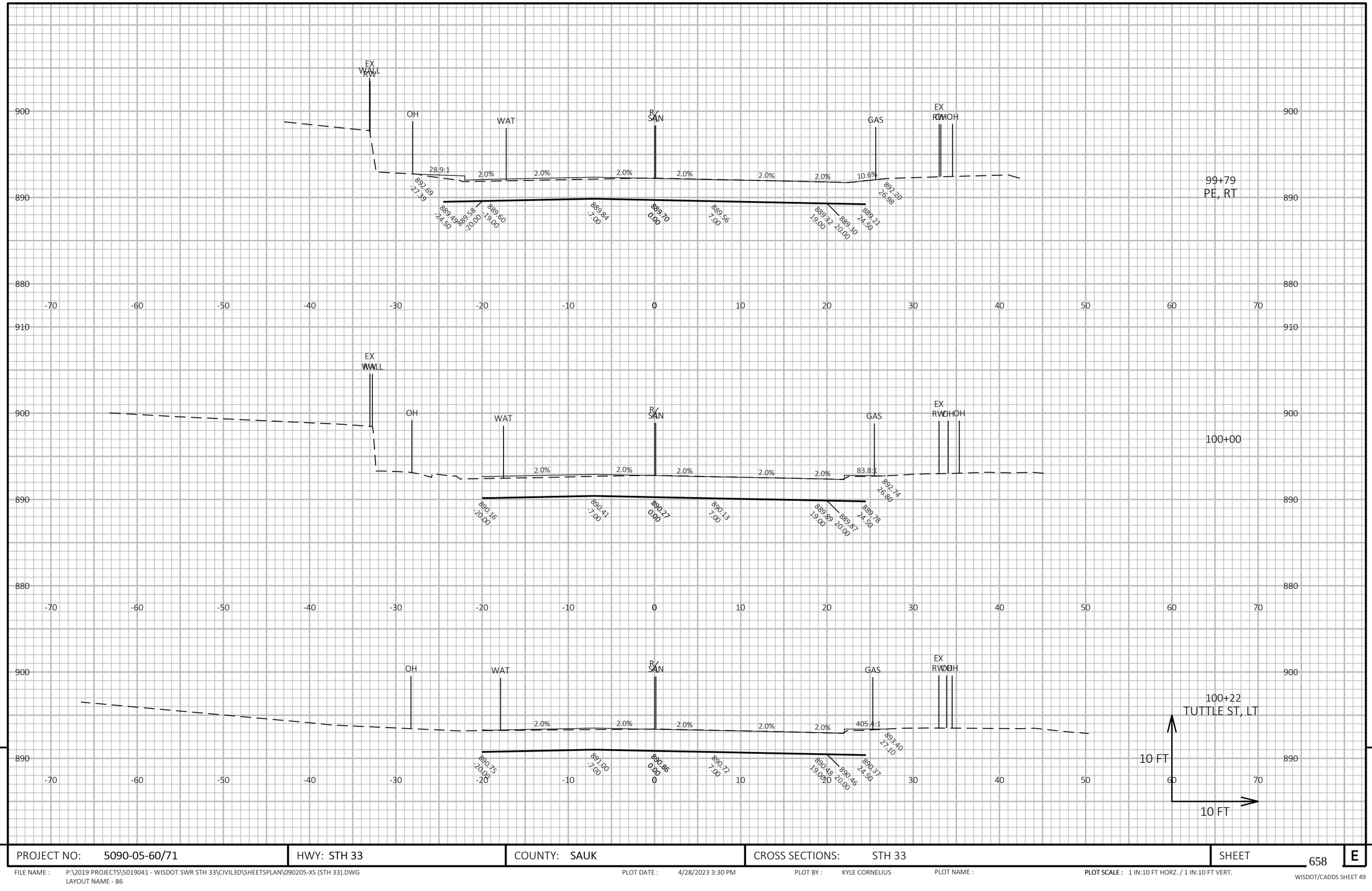
PLOT DATE : 4/28/2023 3:30 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

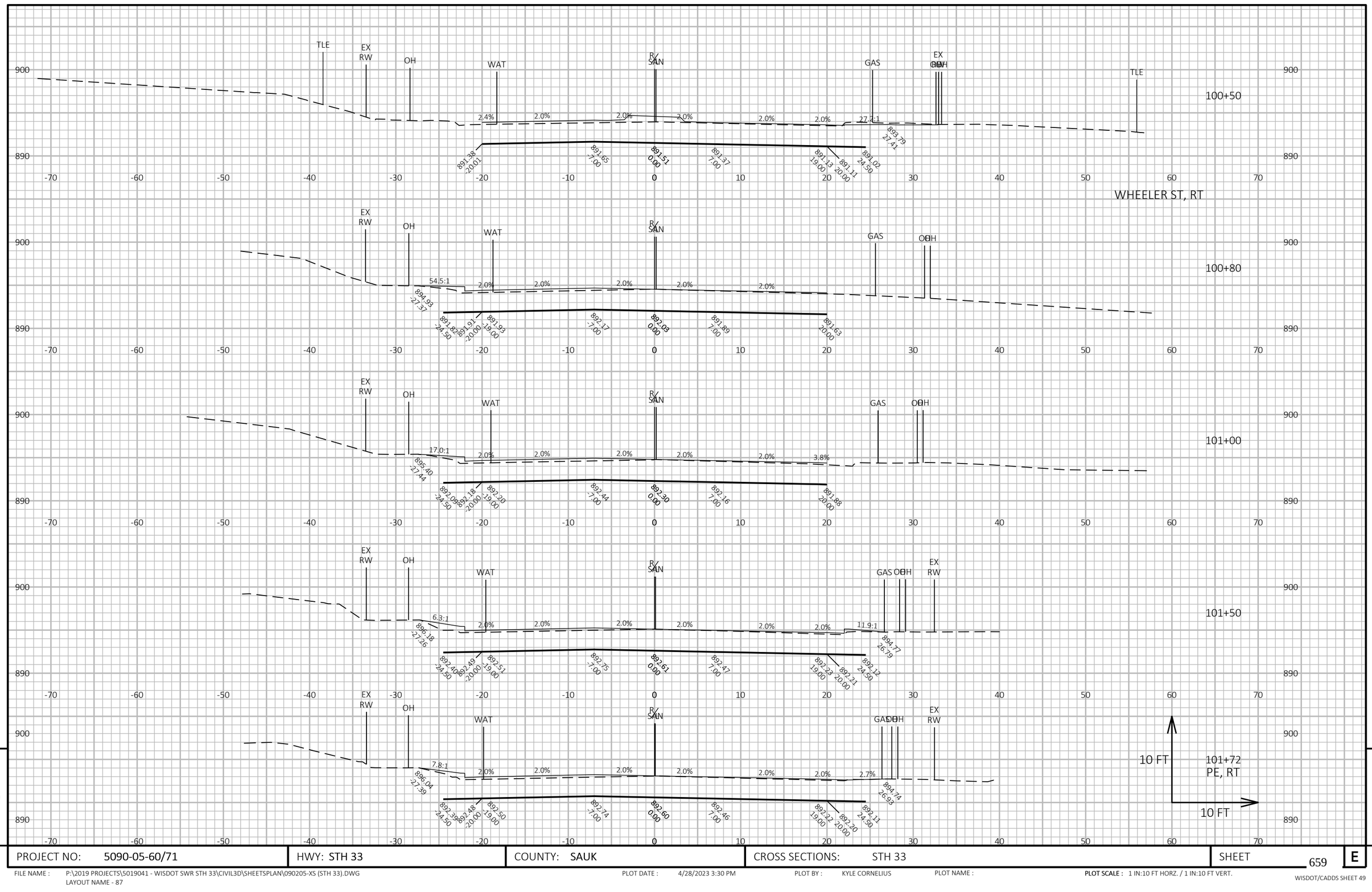


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 658	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 86

PLOT DATE : 4/28/2023 3:30 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 659	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 87

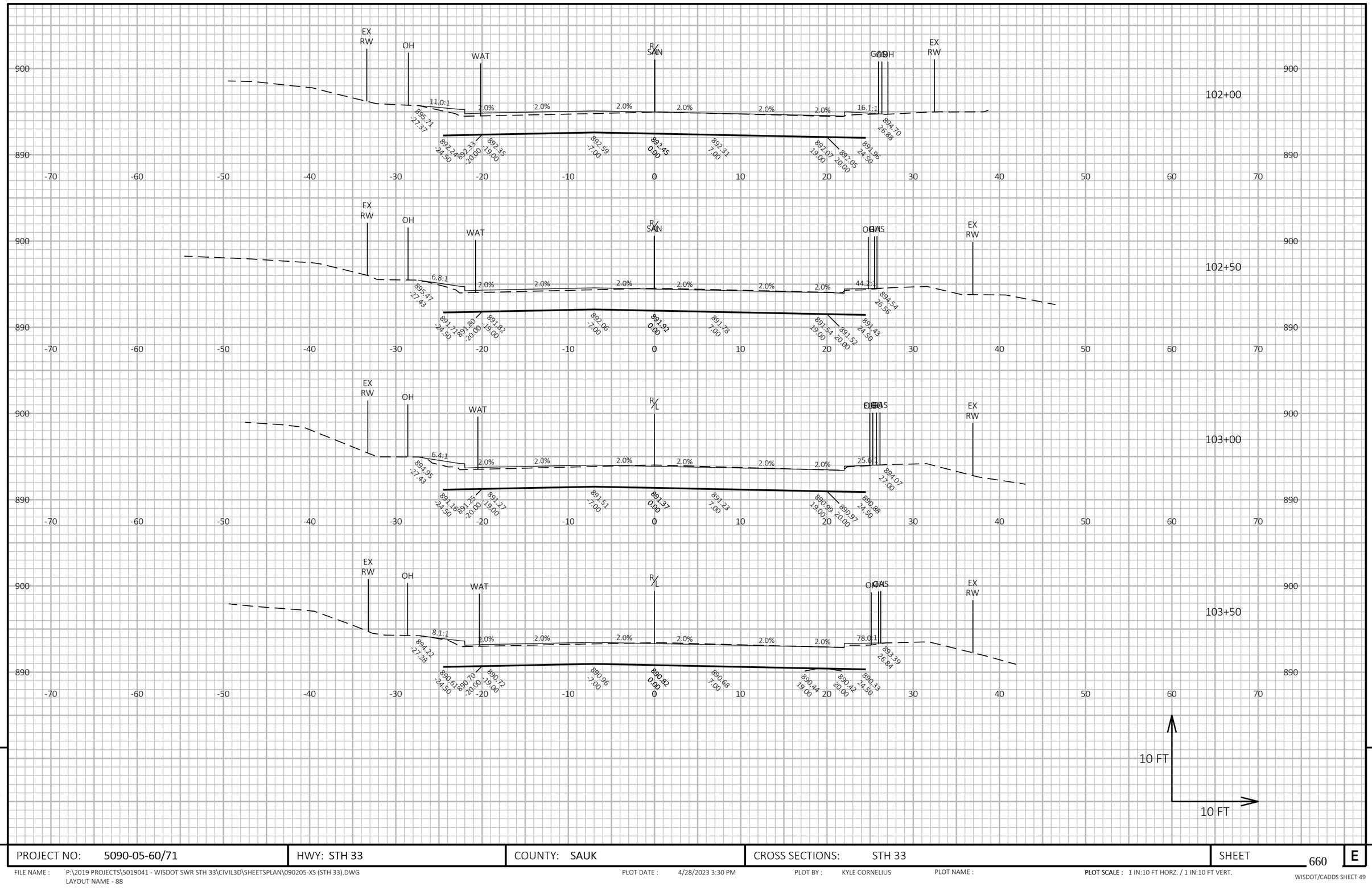
PLOT DATE : 4/28/2023 3:30 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

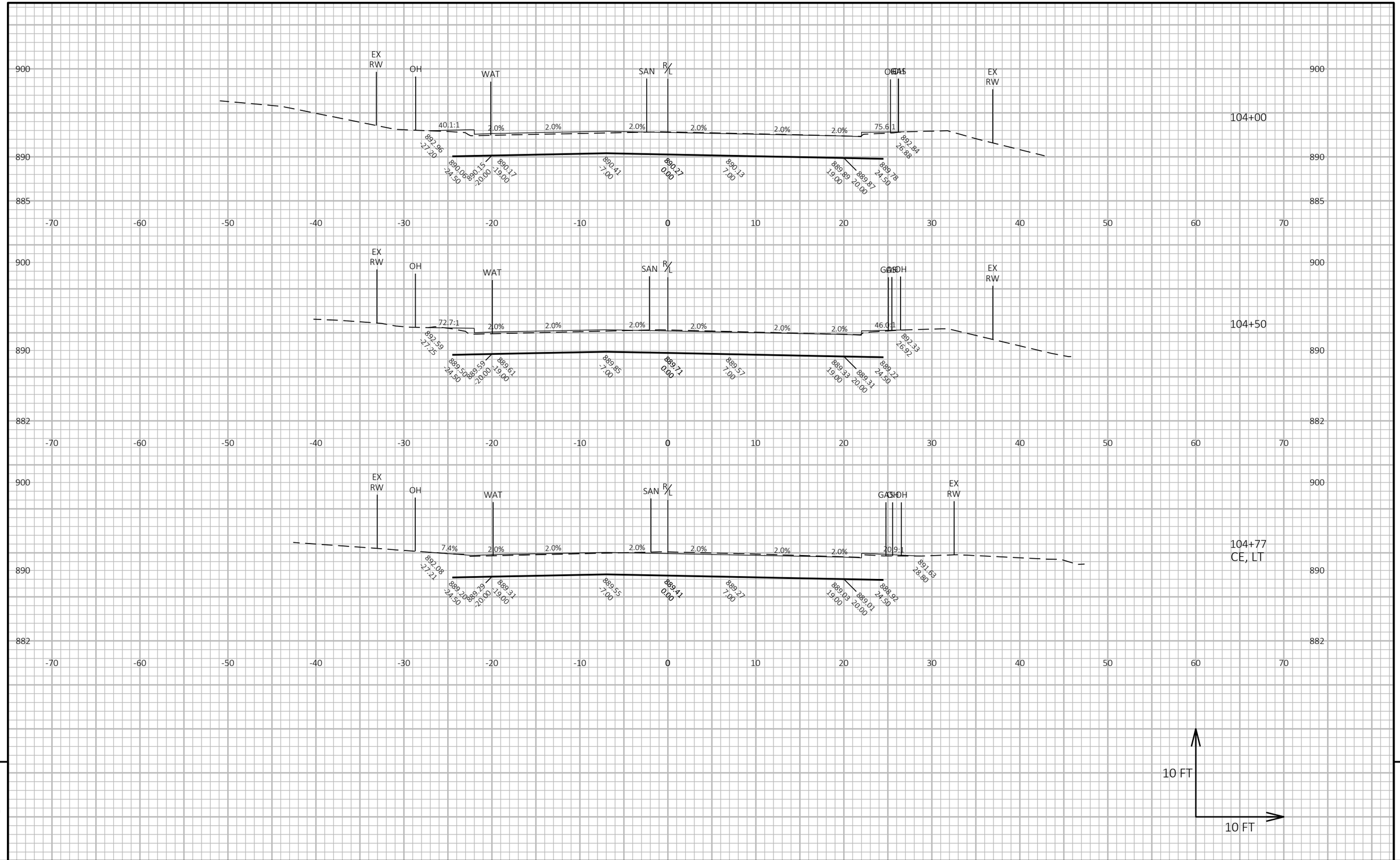


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 660	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 88

PLOT DATE : 4/28/2023 3:30 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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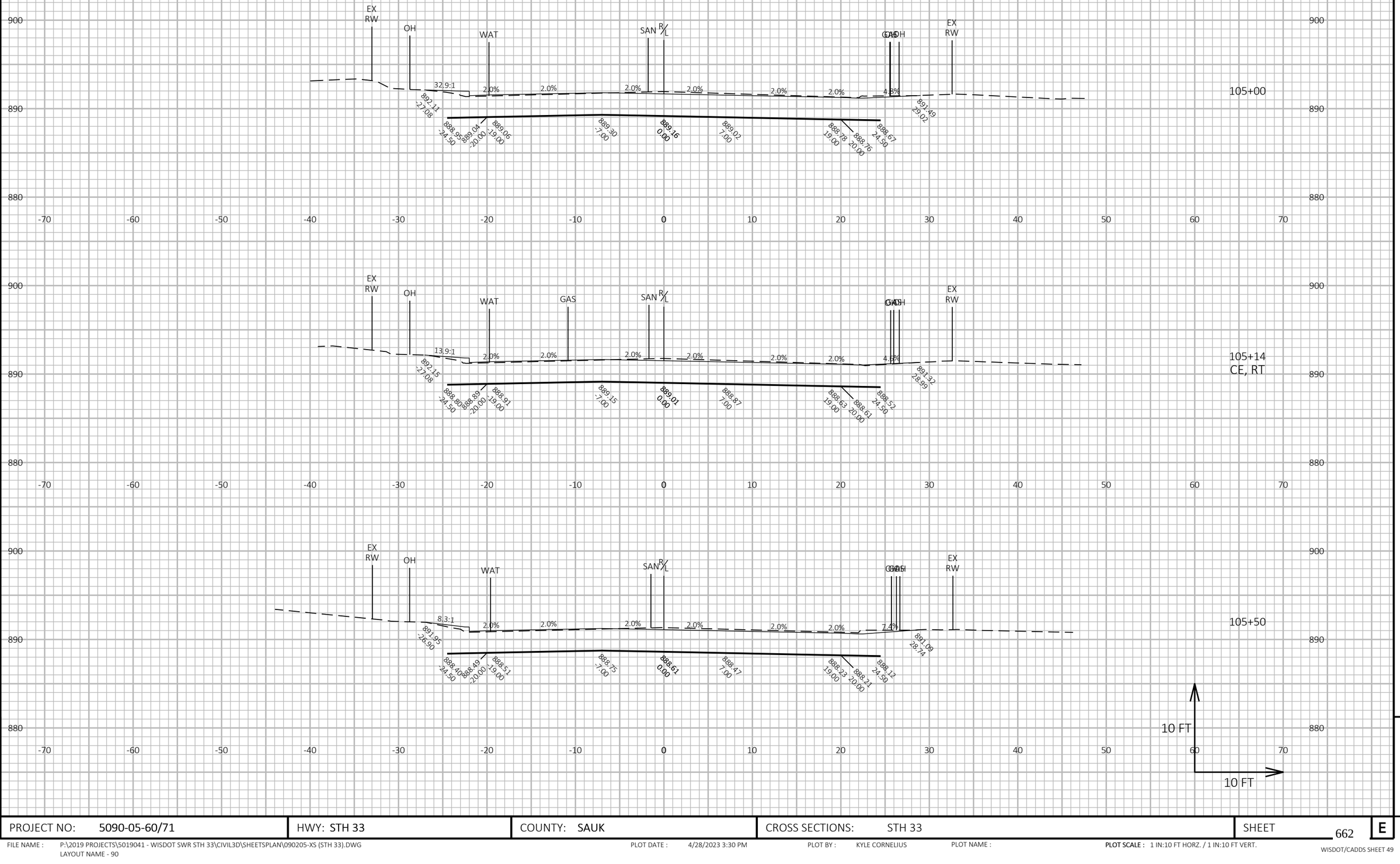
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 661	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 89

PLOT DATE : 4/28/2023 3:30 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 662	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 90

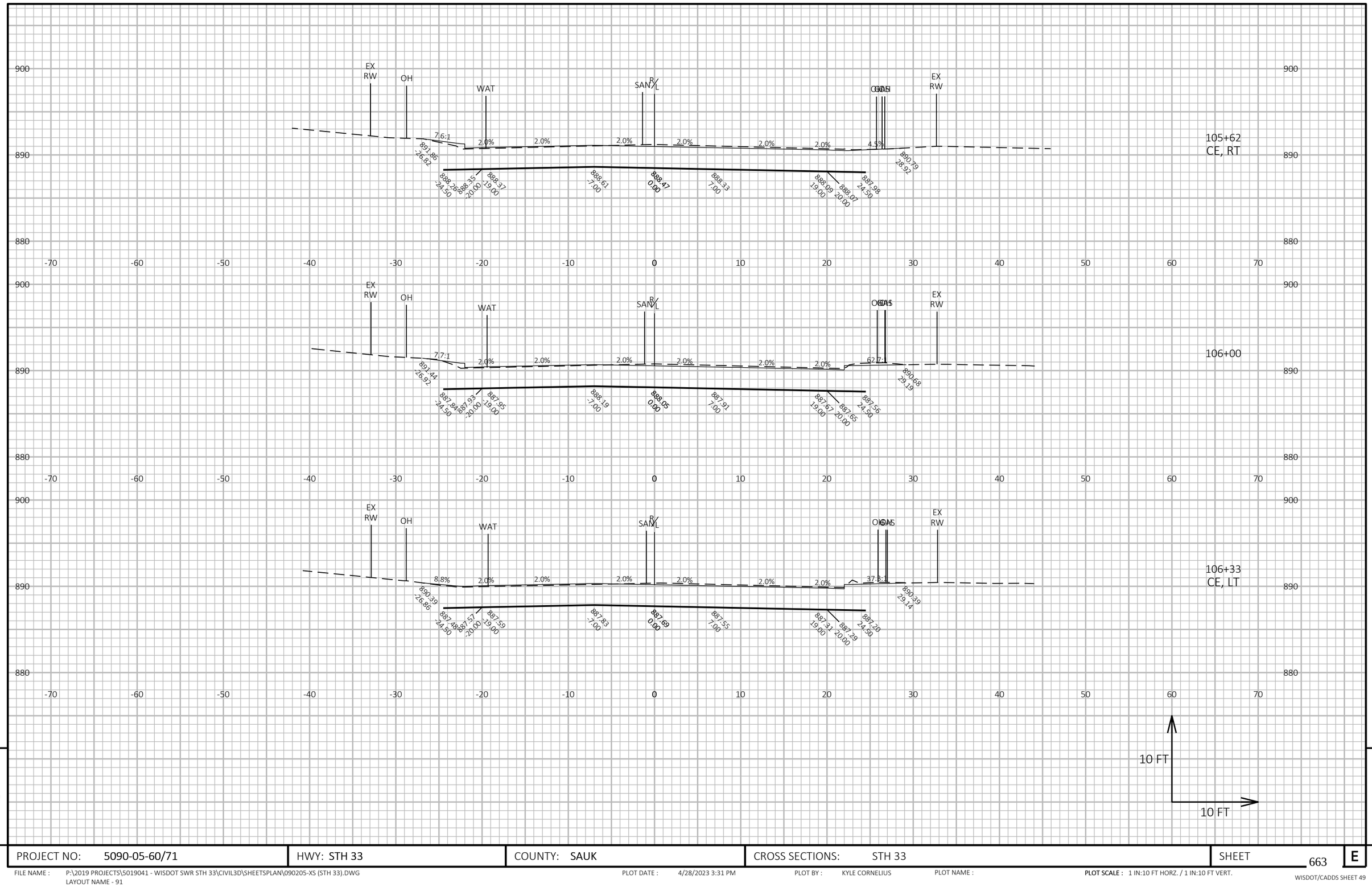
PLOT DATE : 4/28/2023 3:30 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

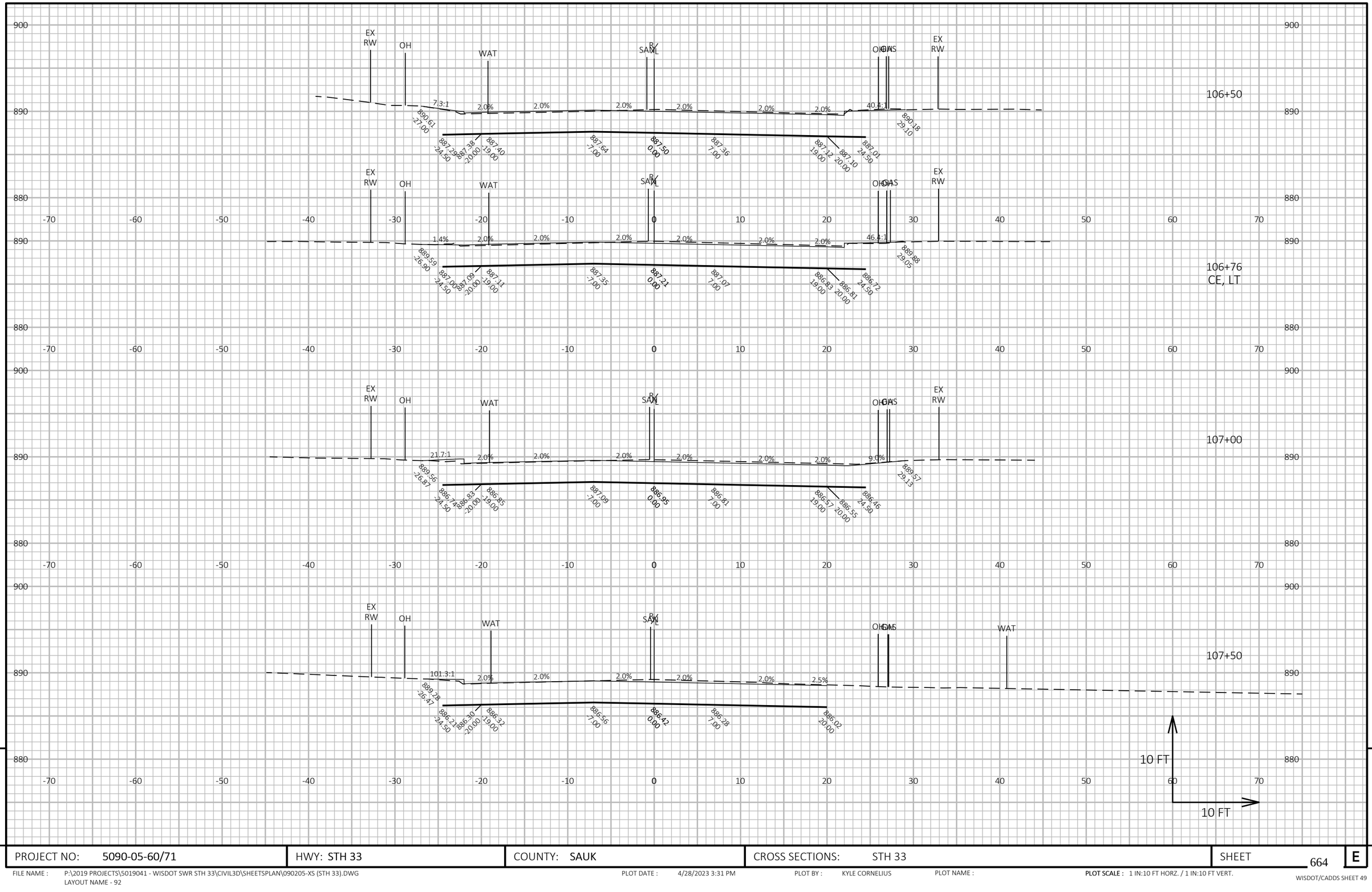


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 663	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 91

PLOT DATE : 4/28/2023 3:31 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

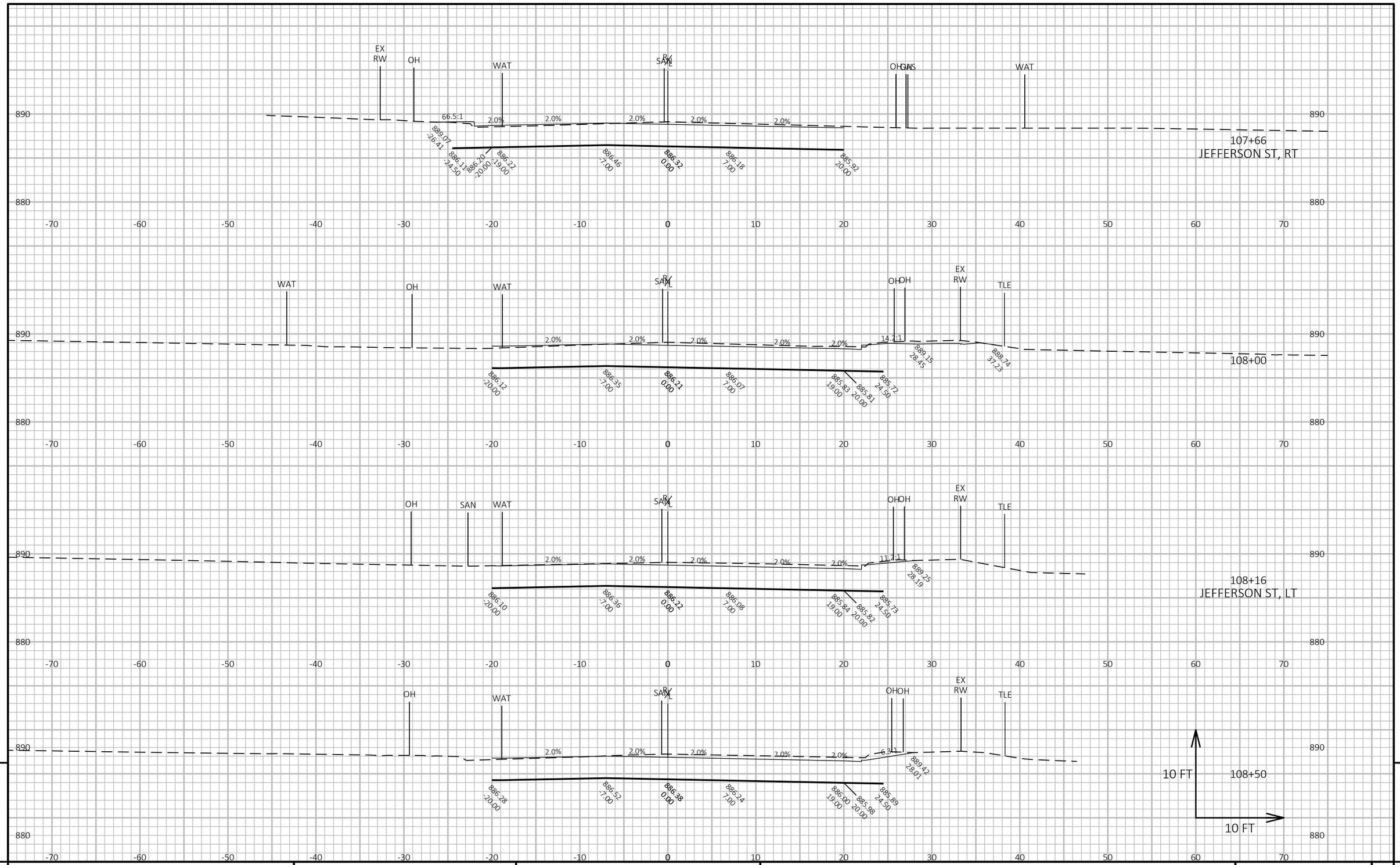


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 664	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 92

PLOT DATE : 4/28/2023 3:31 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 665	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 93

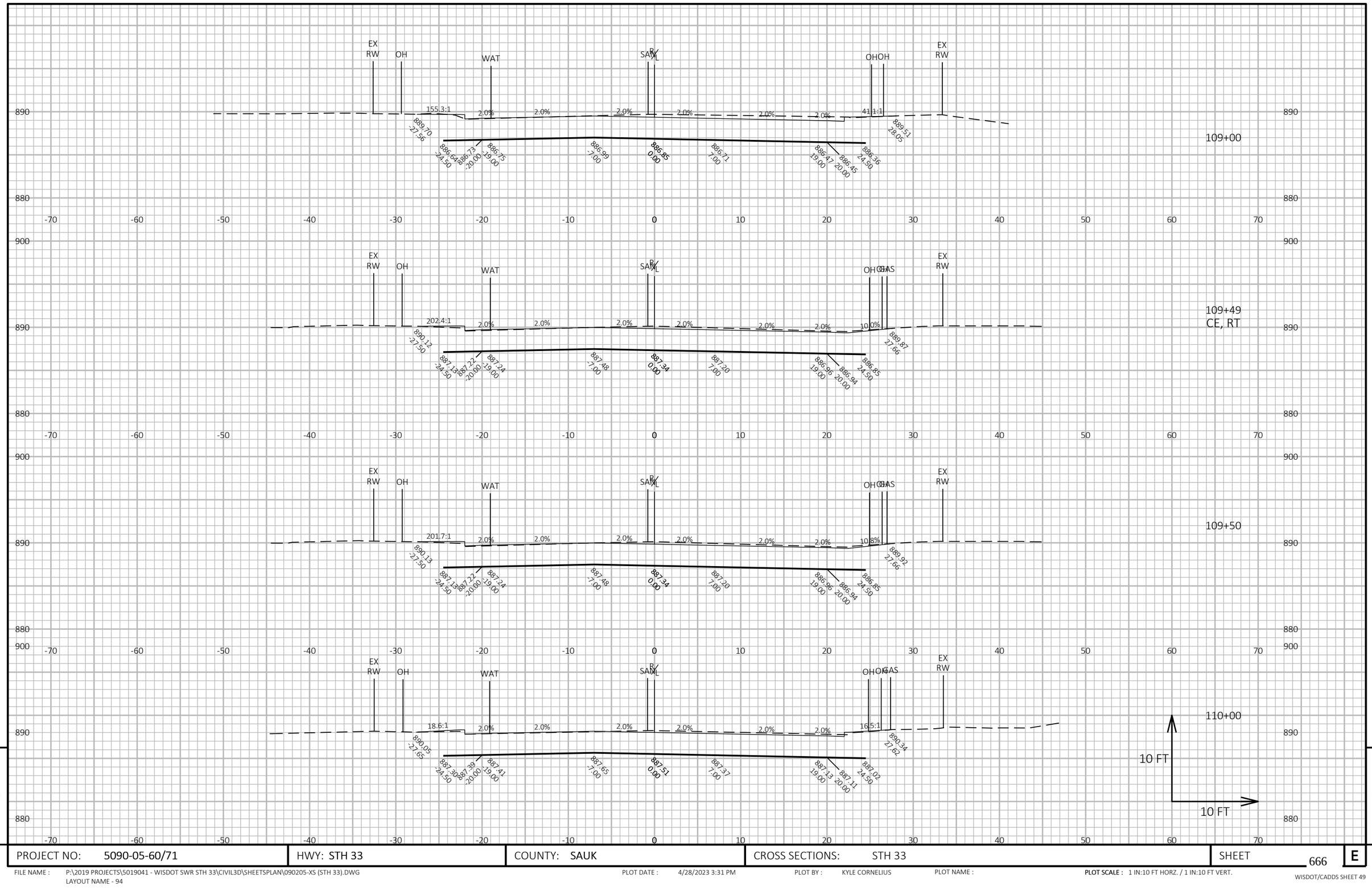
PLOT DATE : 4/28/2023 3:31 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 666	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 94

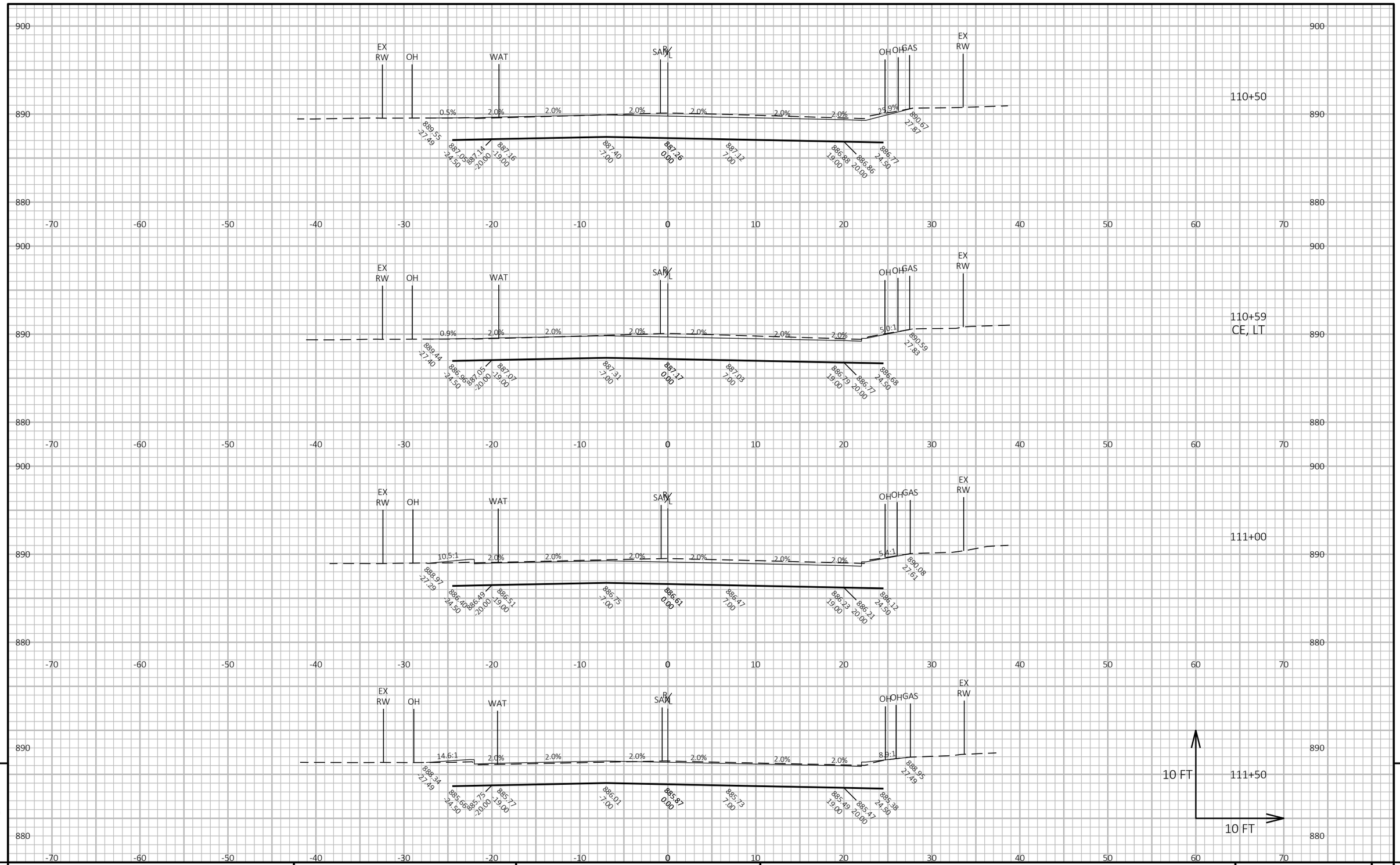
PLOT DATE : 4/28/2023 3:31 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 667	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 95

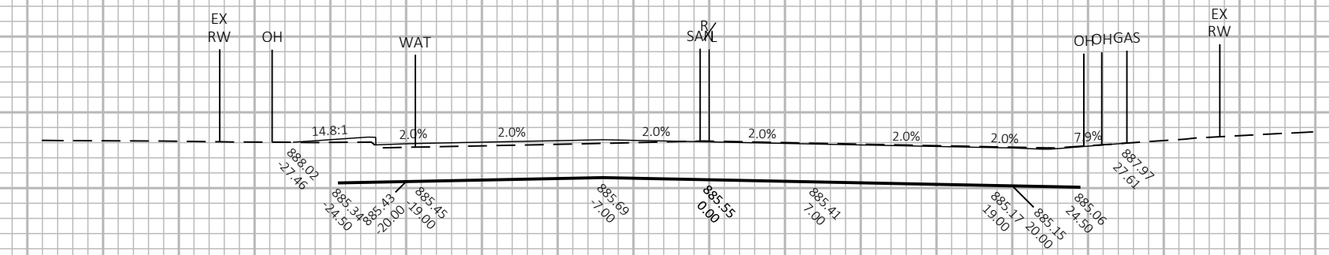
PLOT DATE : 4/28/2023 3:31 PM

PLOT BY : KYLE CORNELIUS

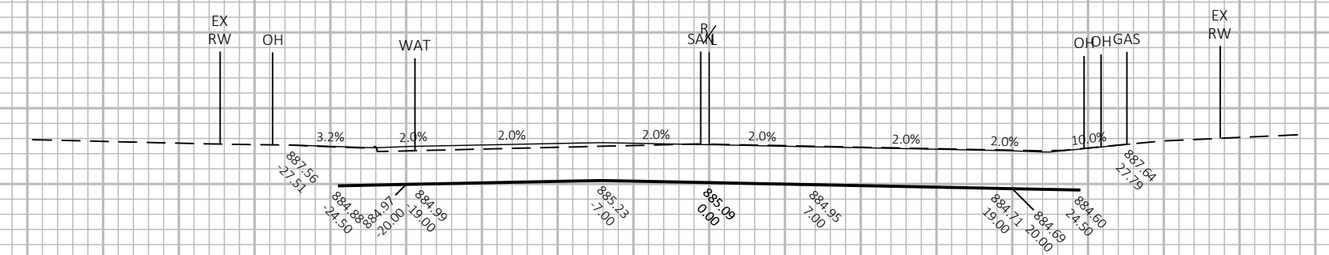
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

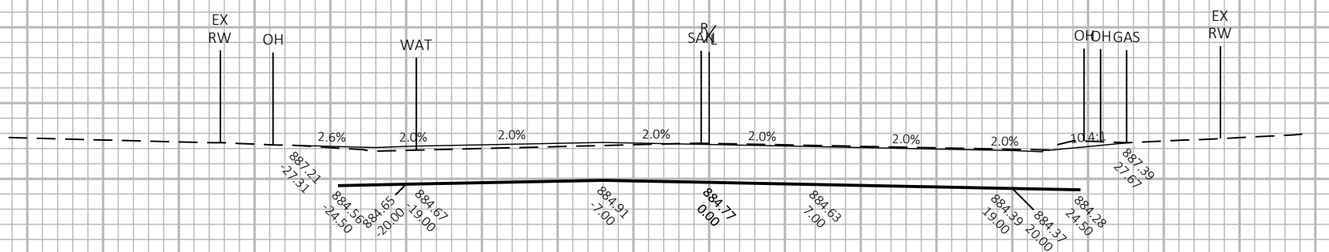
WISDOT/CADDS SHEET 49



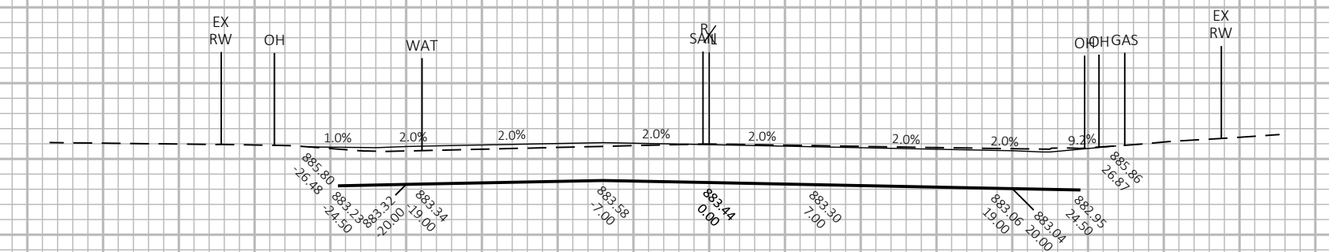
111+68
PE, RT



111+88
PE, RT



112+00



112+48
CE, LT
10 FT
10 FT

9

9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 668	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 96

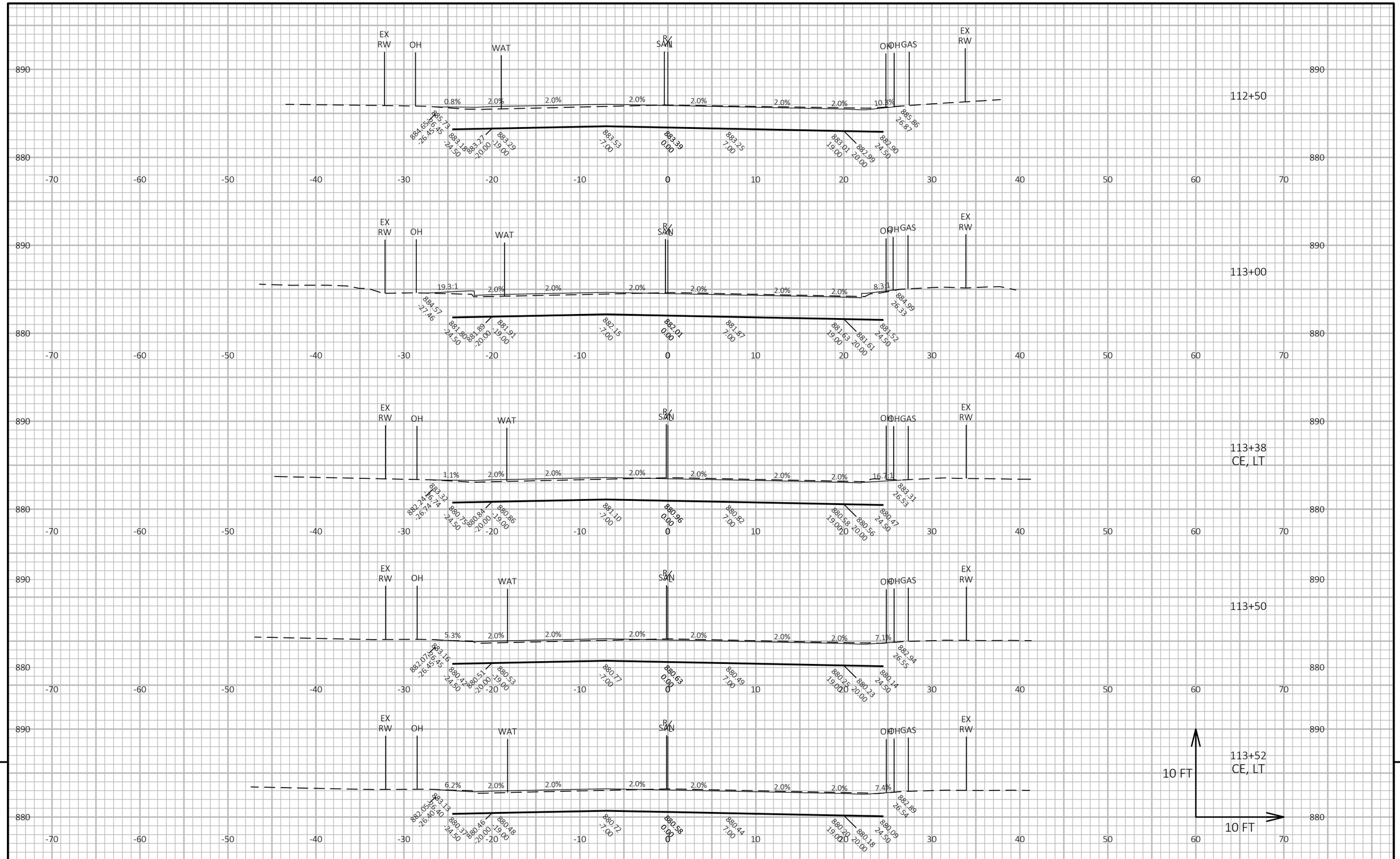
PLOT DATE : 4/28/2023 3:31 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 669	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 97

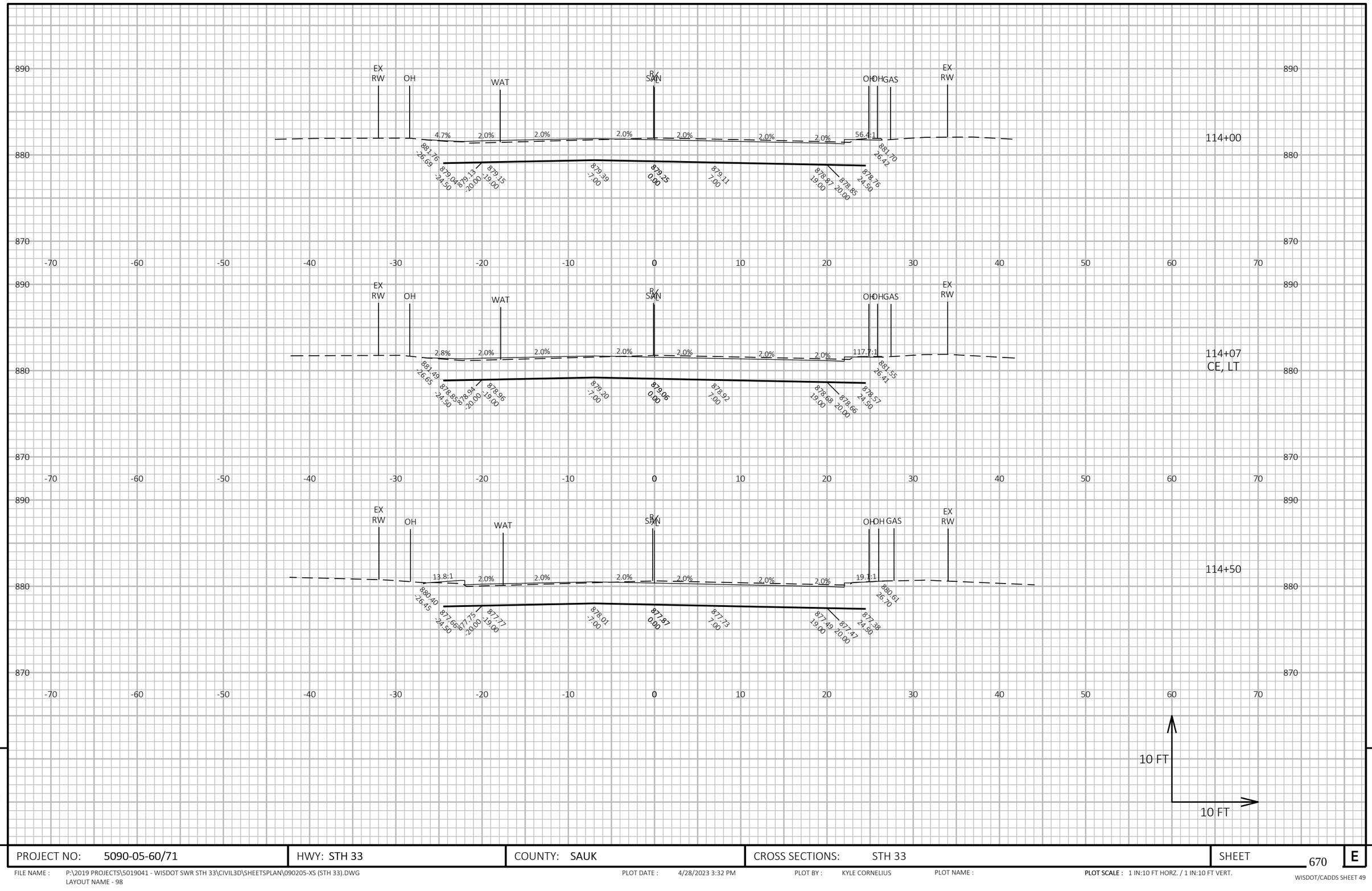
PLOT DATE : 4/28/2023 3:32 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 670	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 98

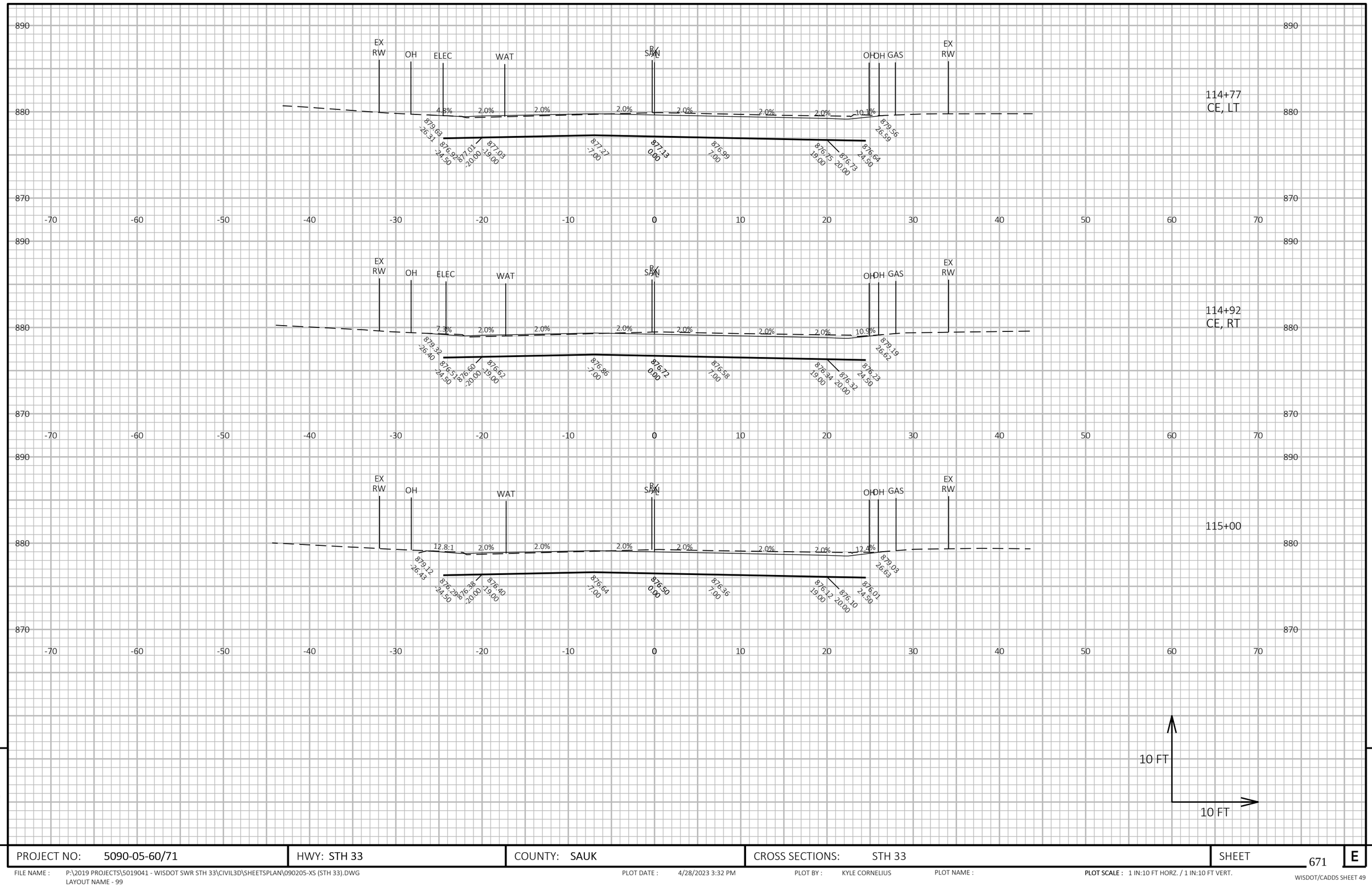
PLOT DATE : 4/28/2023 3:32 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

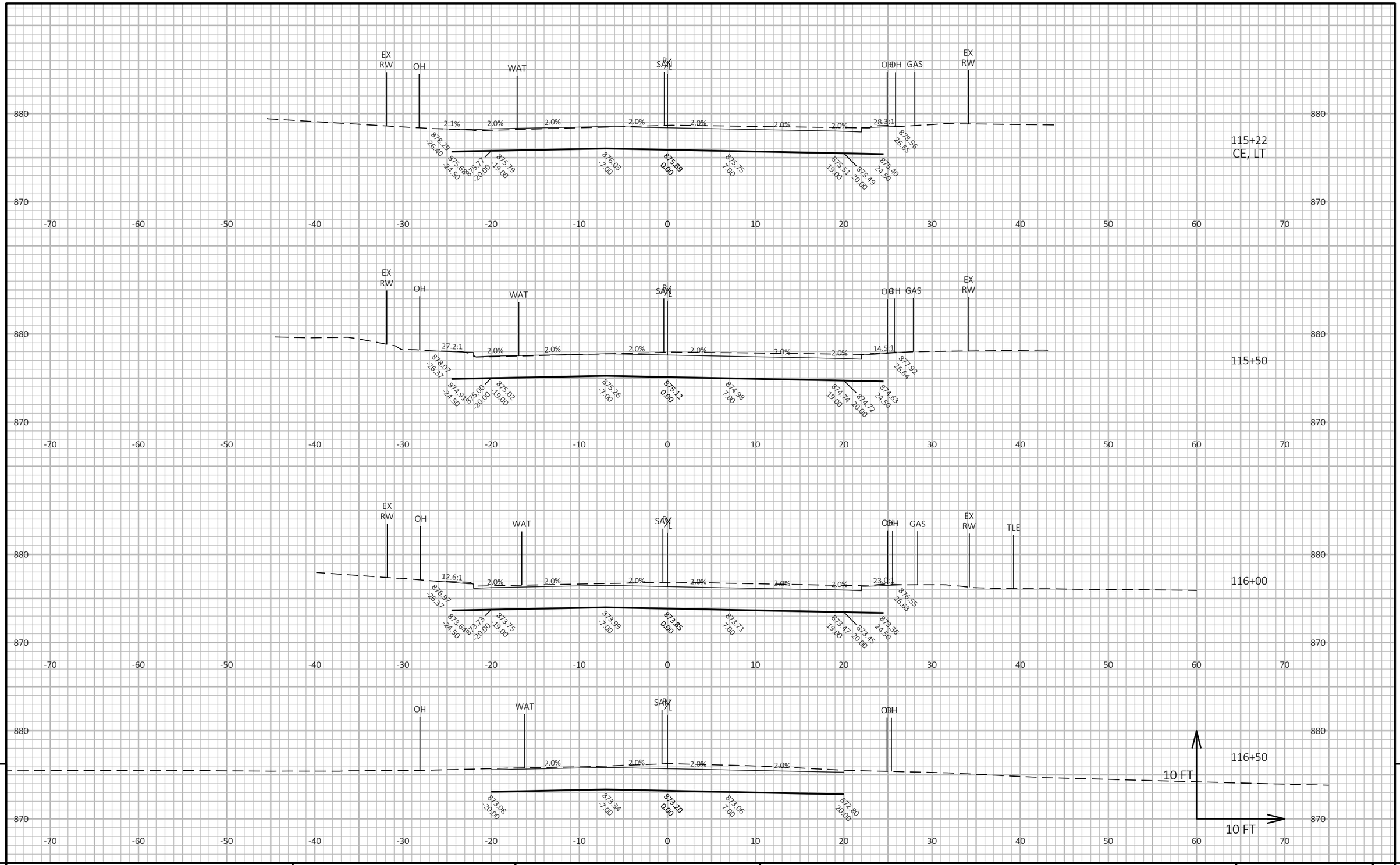
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 671	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090205-XS (STH 33).DWG
LAYOUT NAME - 99
PLOT DATE : 4/28/2023 3:32 PM
PLOT BY : KYLE CORNELIUS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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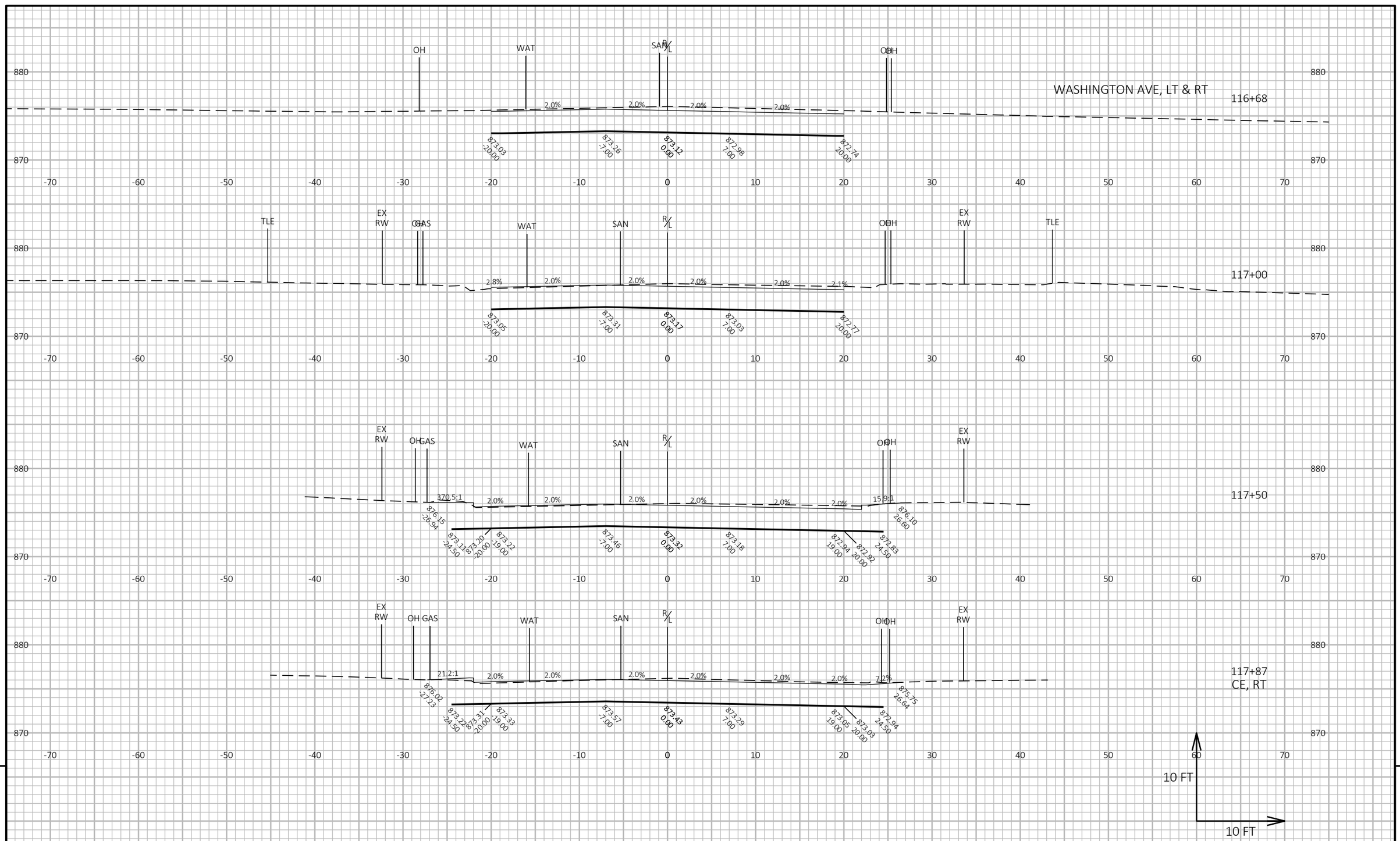
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 672	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 100

PLOT DATE : 4/28/2023 3:25 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



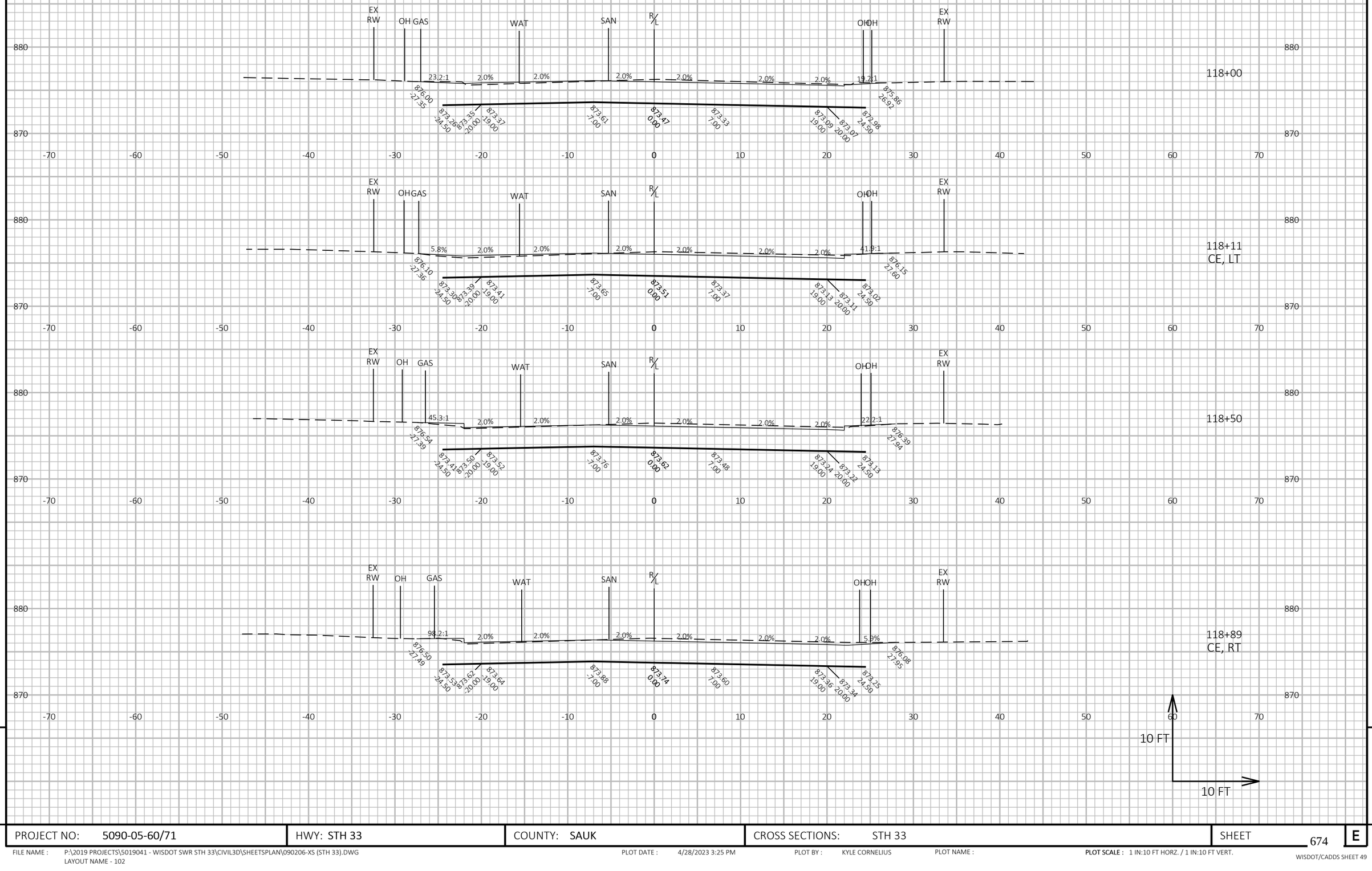
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 673	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 101

PLOT DATE : 4/28/2023 3:25 PM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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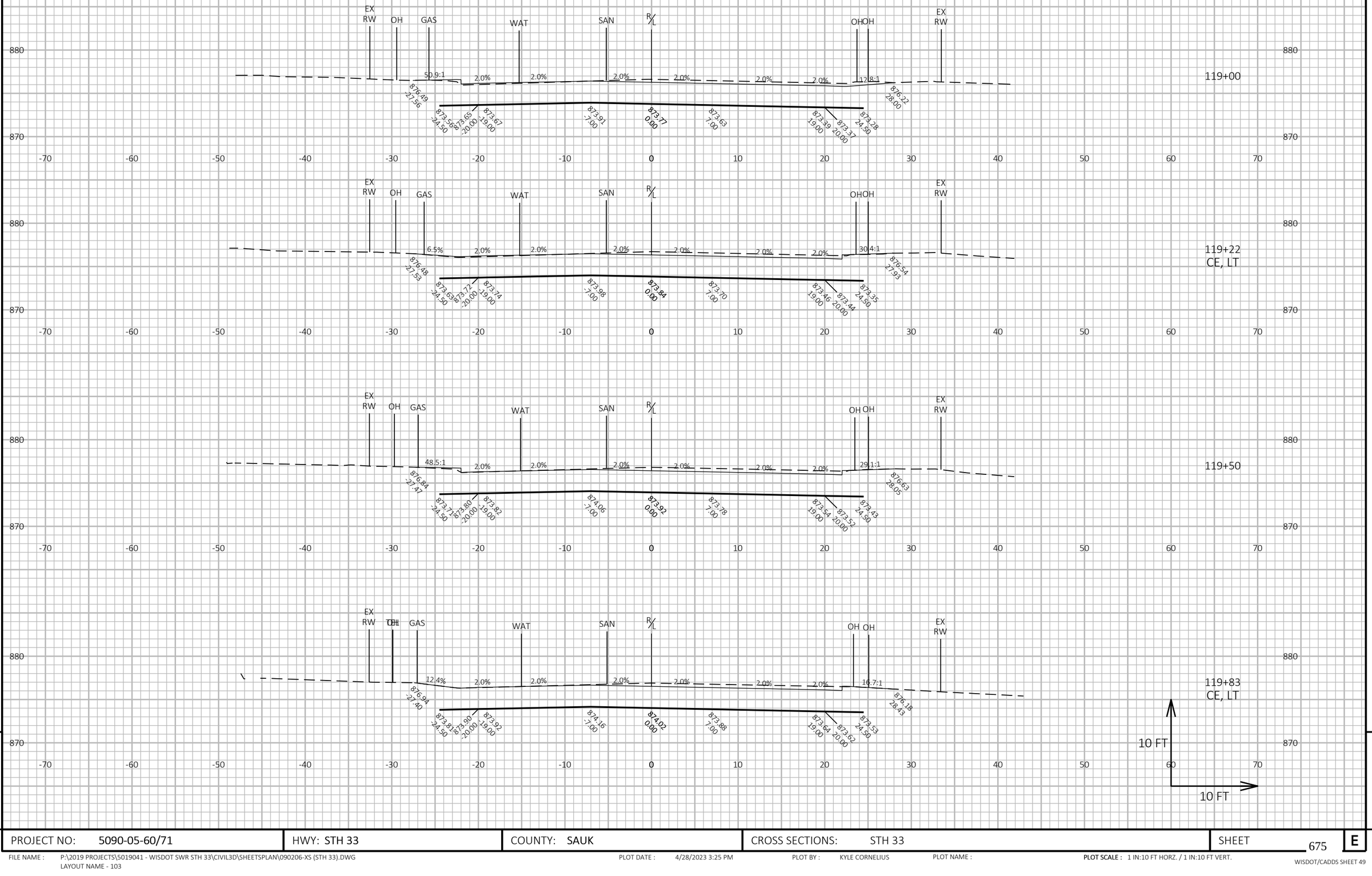
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 674	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 102

PLOT DATE : 4/28/2023 3:25 PM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 675	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 103

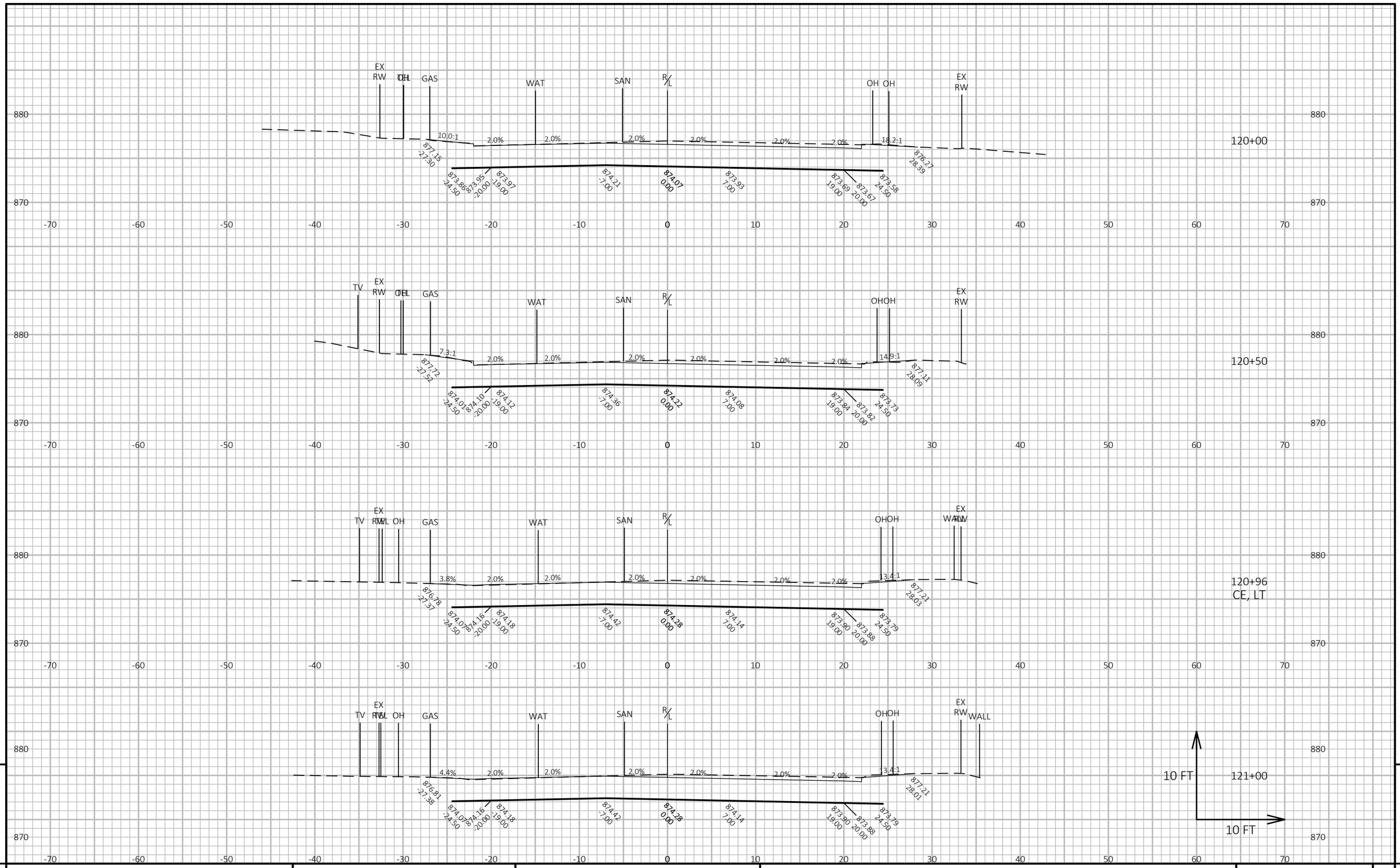
PLOT DATE : 4/28/2023 3:25 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 676	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 104

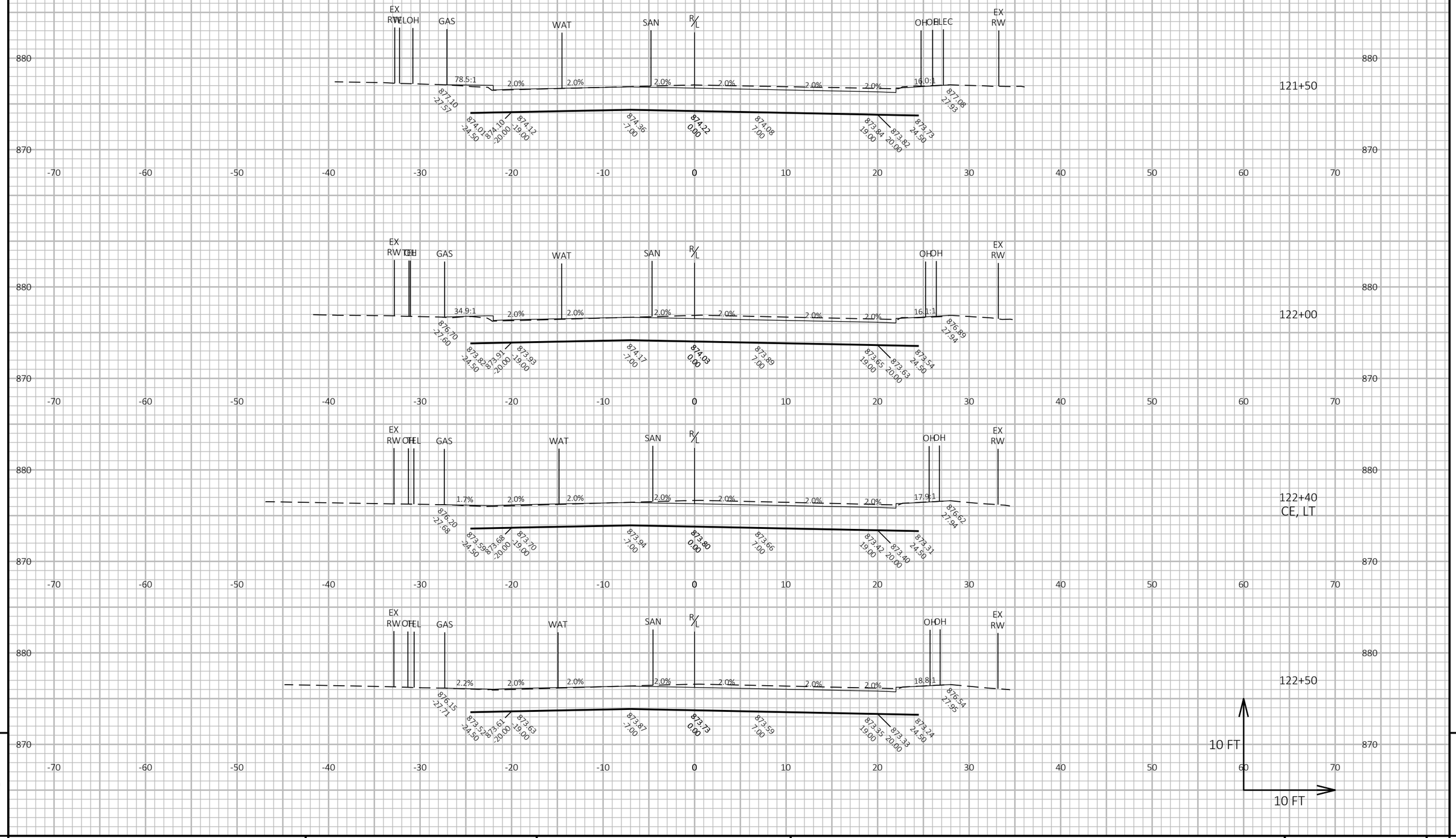
PLOT DATE : 4/28/2023 3:25 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

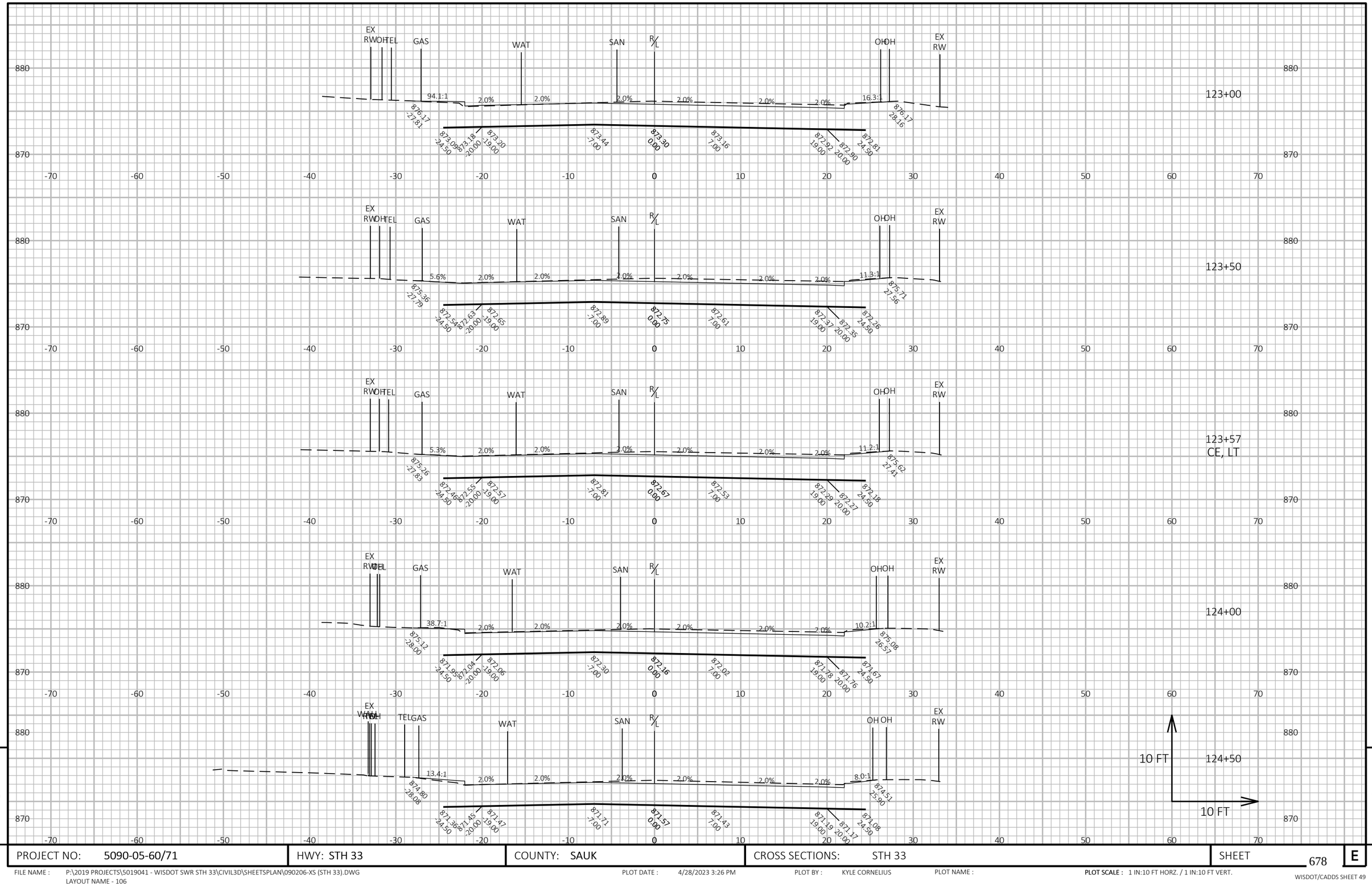


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 677	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 105

PLOT DATE : 4/28/2023 3:26 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 678	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 106

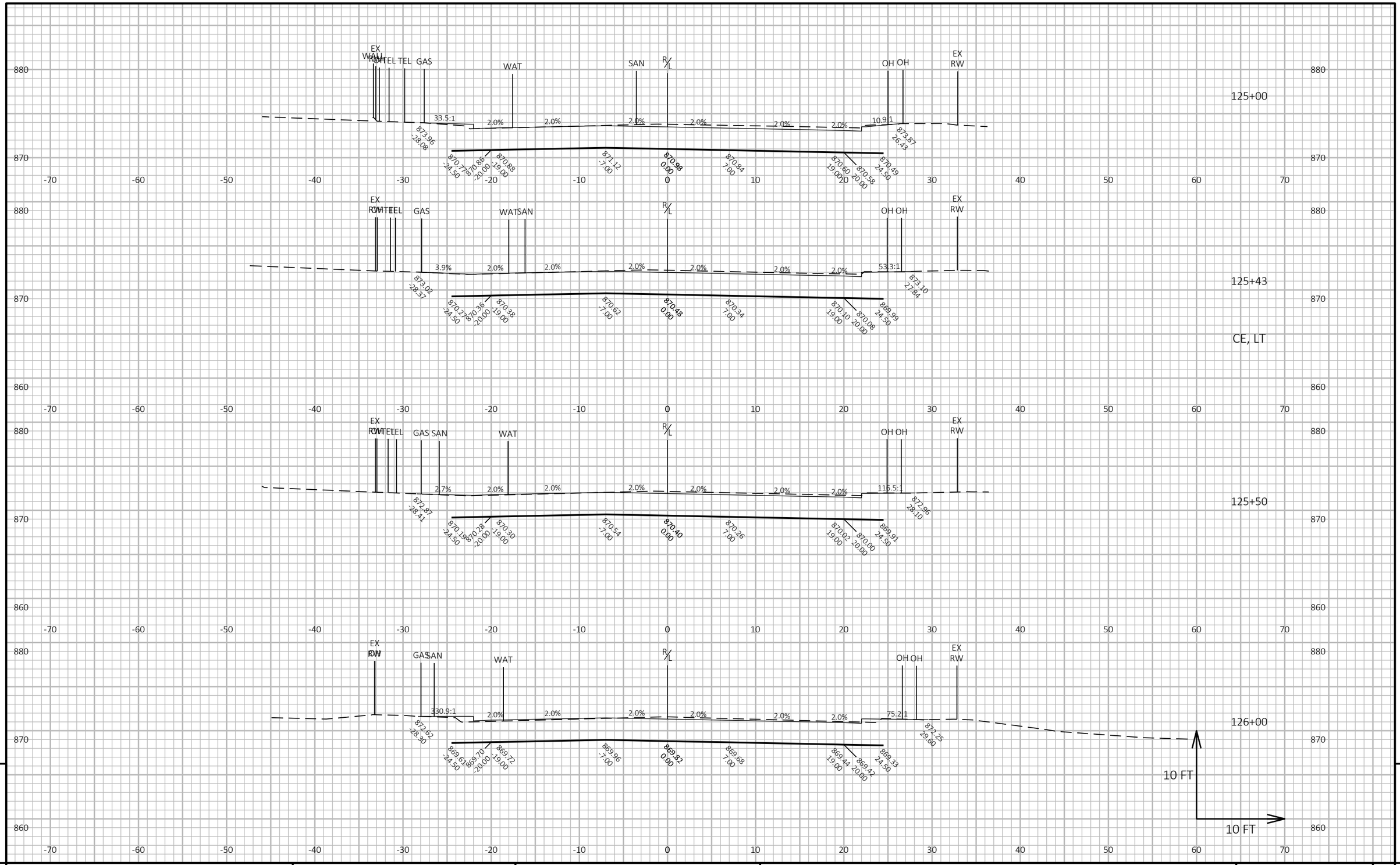
PLOT DATE : 4/28/2023 3:26 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 679	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 107

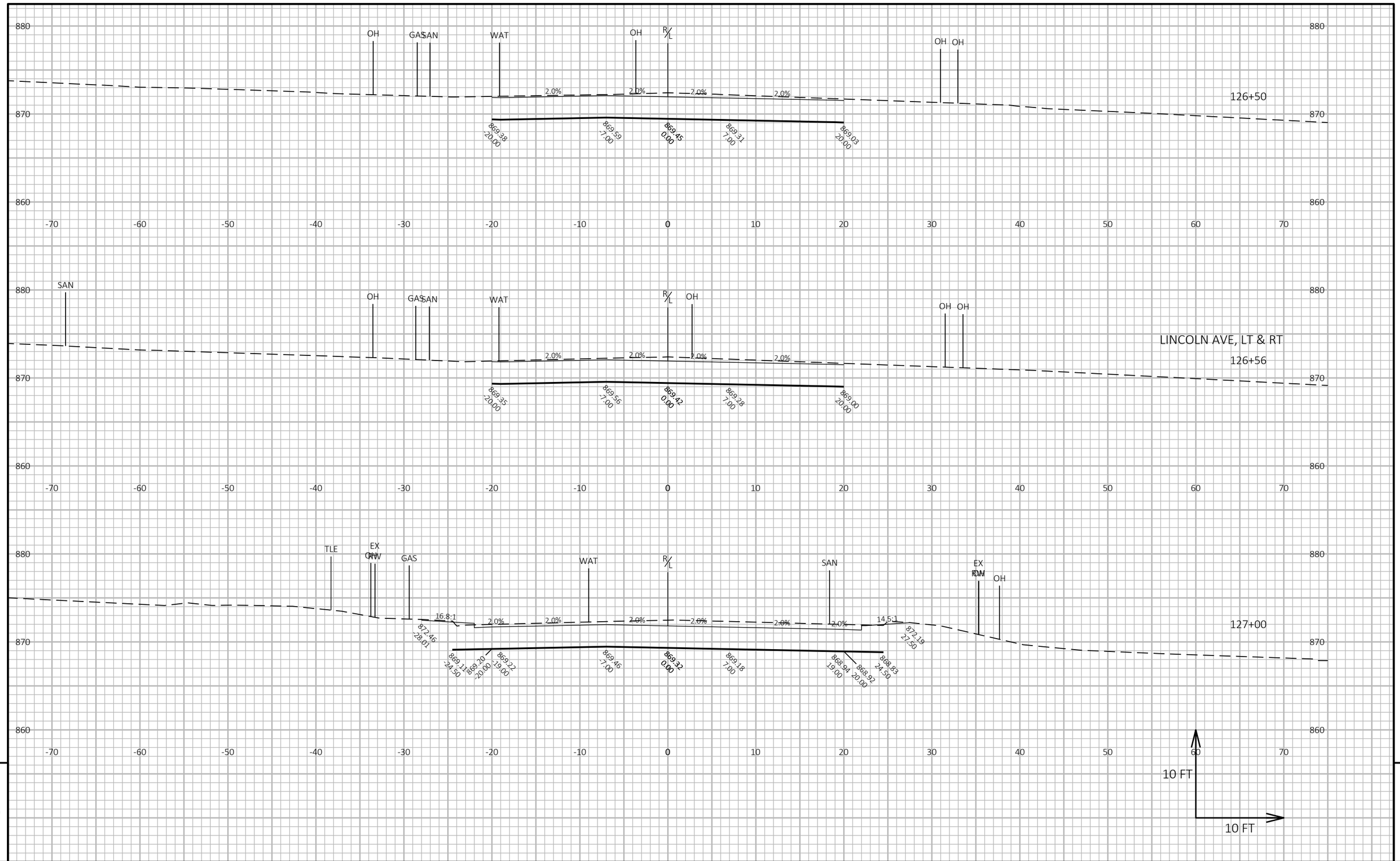
PLOT DATE : 4/28/2023 3:26 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

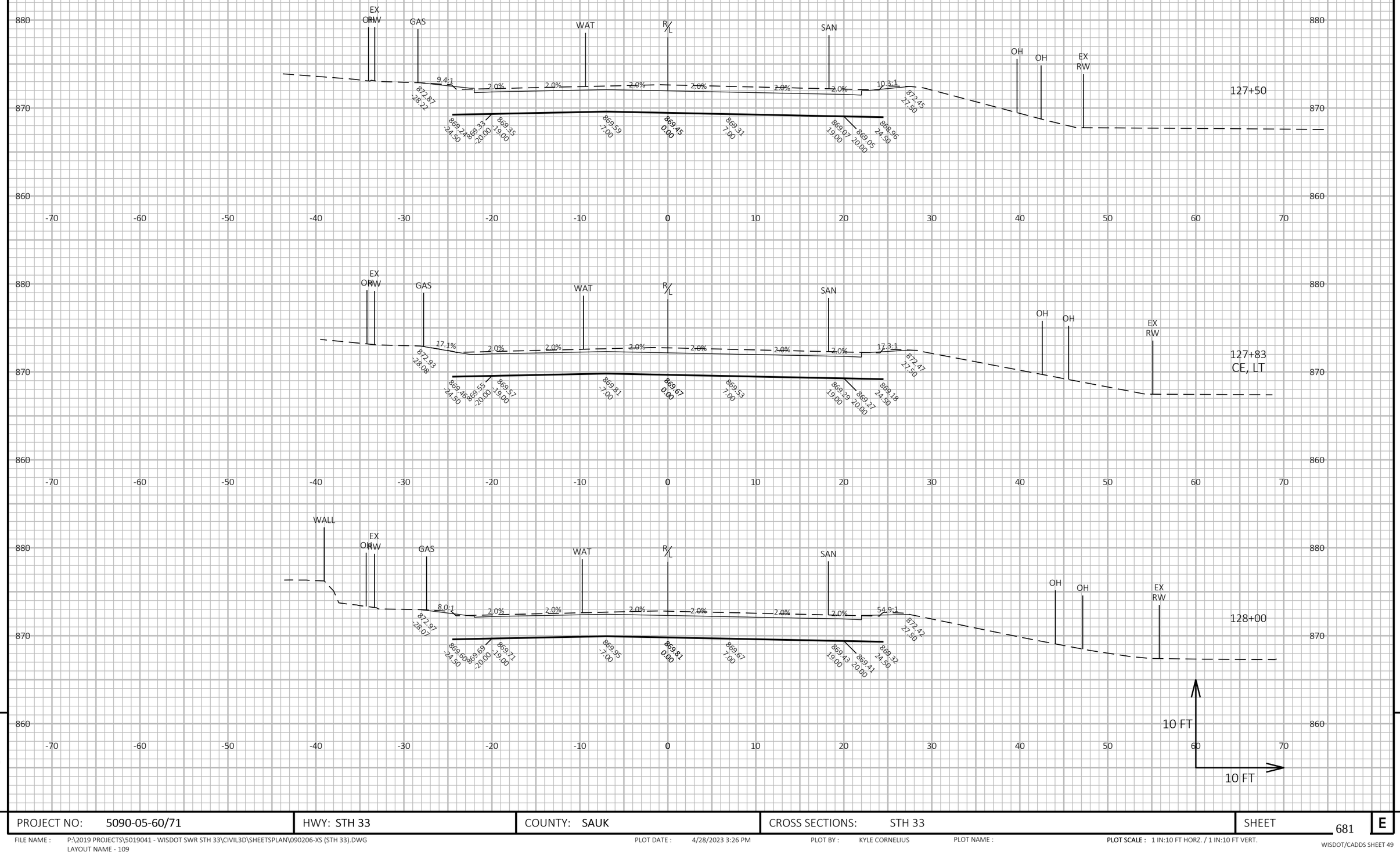


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 680	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 108

PLOT DATE : 4/28/2023 3:26 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

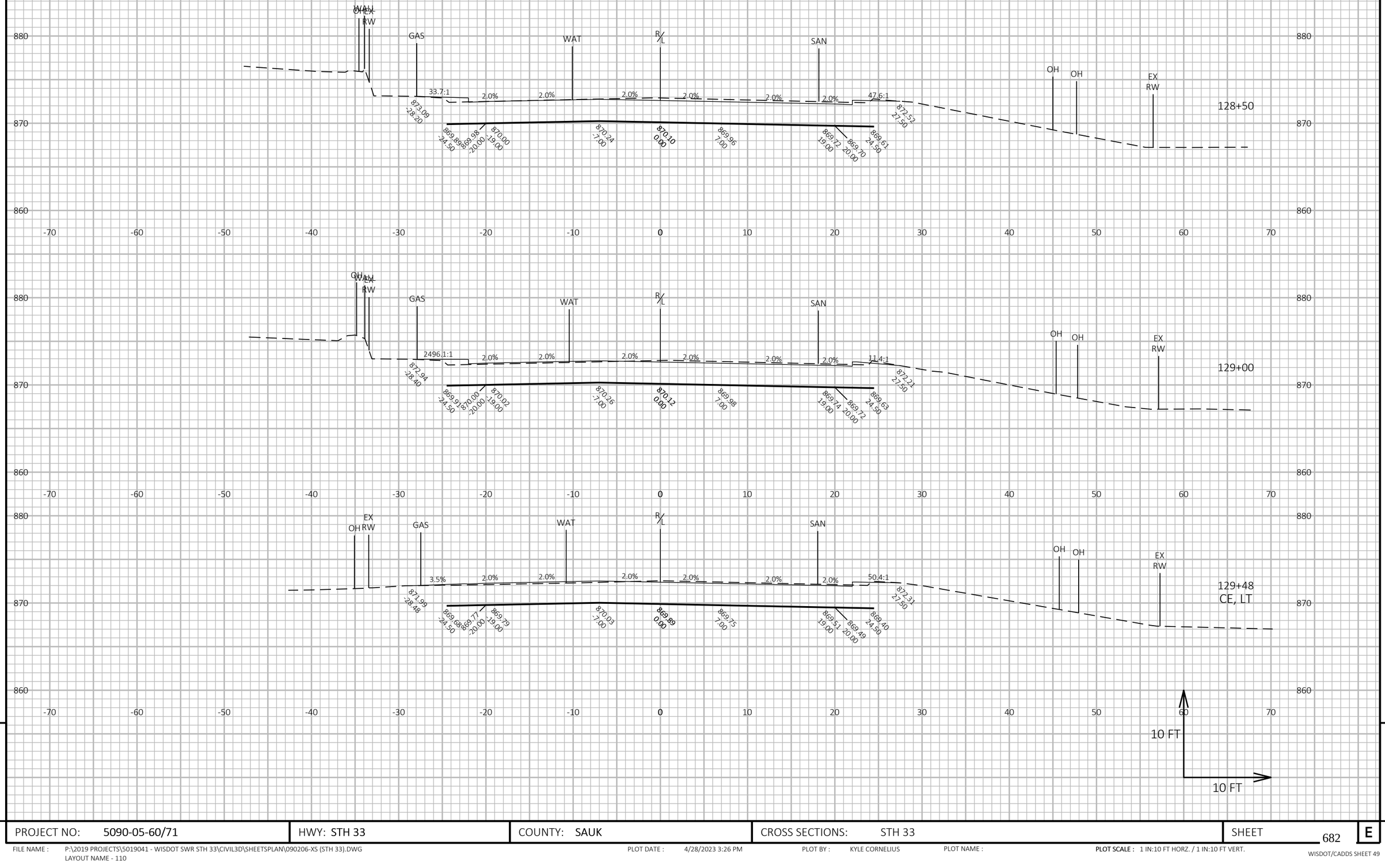


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 681	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 109

PLOT DATE : 4/28/2023 3:26 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 682	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 110

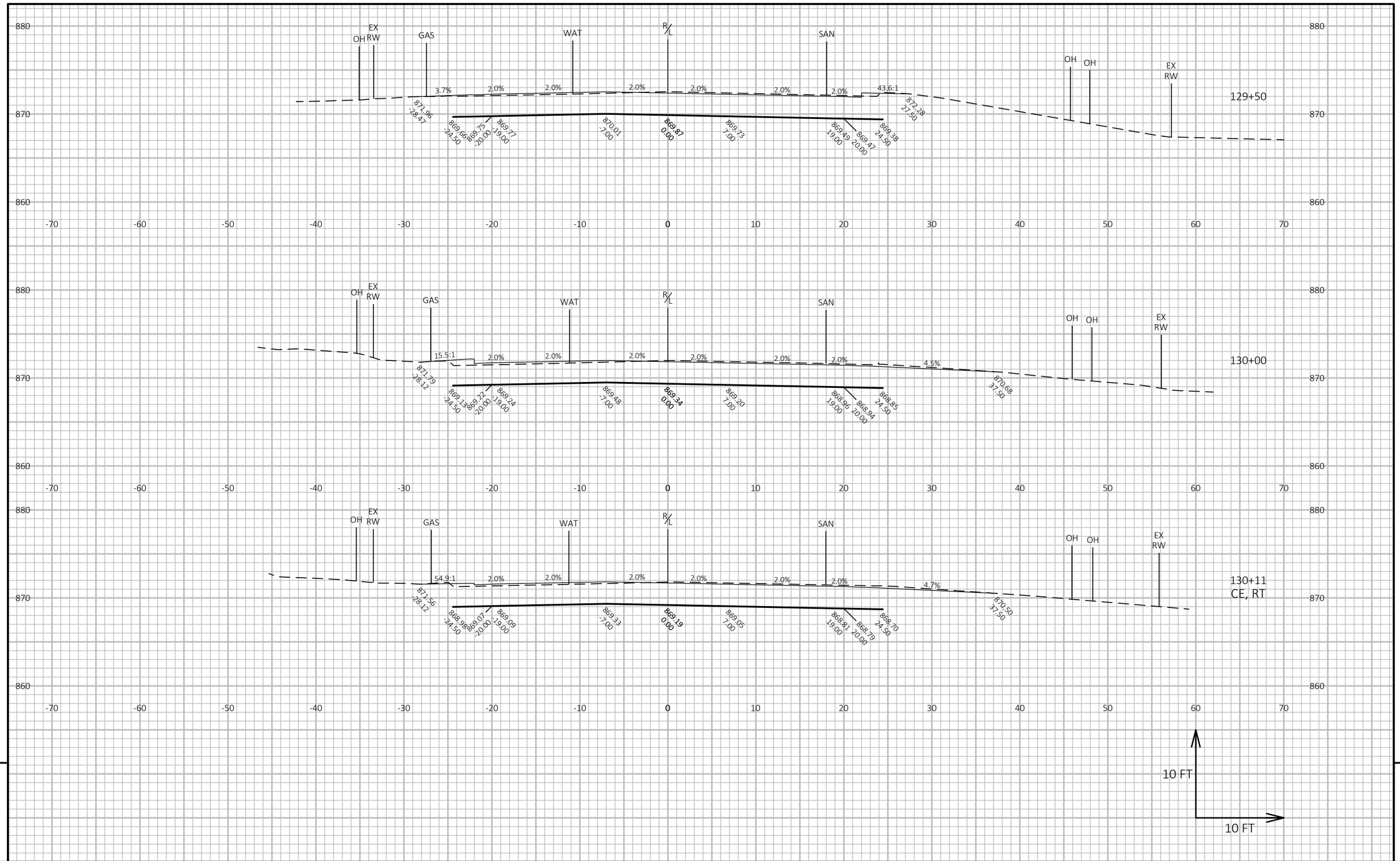
PLOT DATE : 4/28/2023 3:26 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 683	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 111

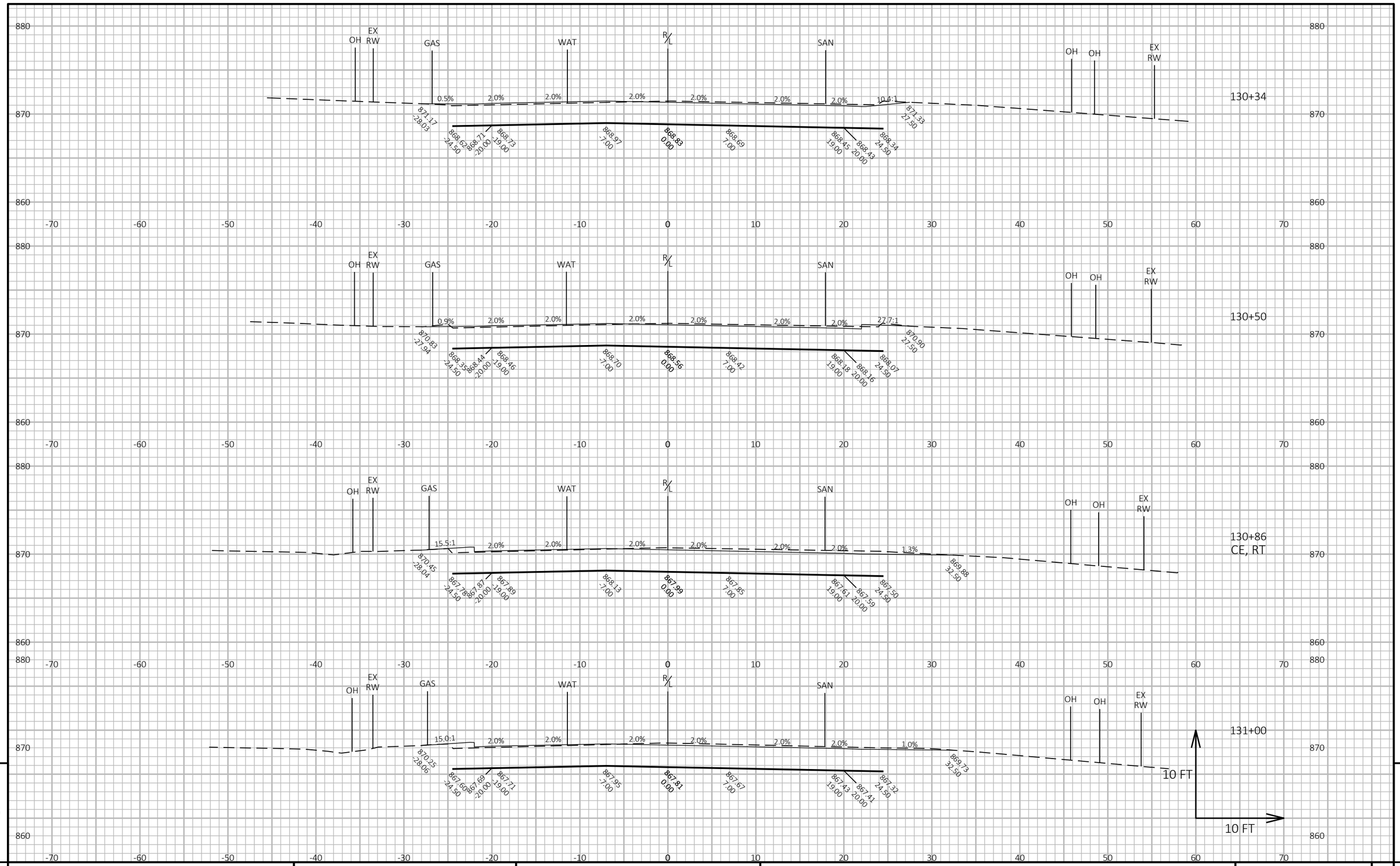
PLOT DATE : 4/28/2023 3:26 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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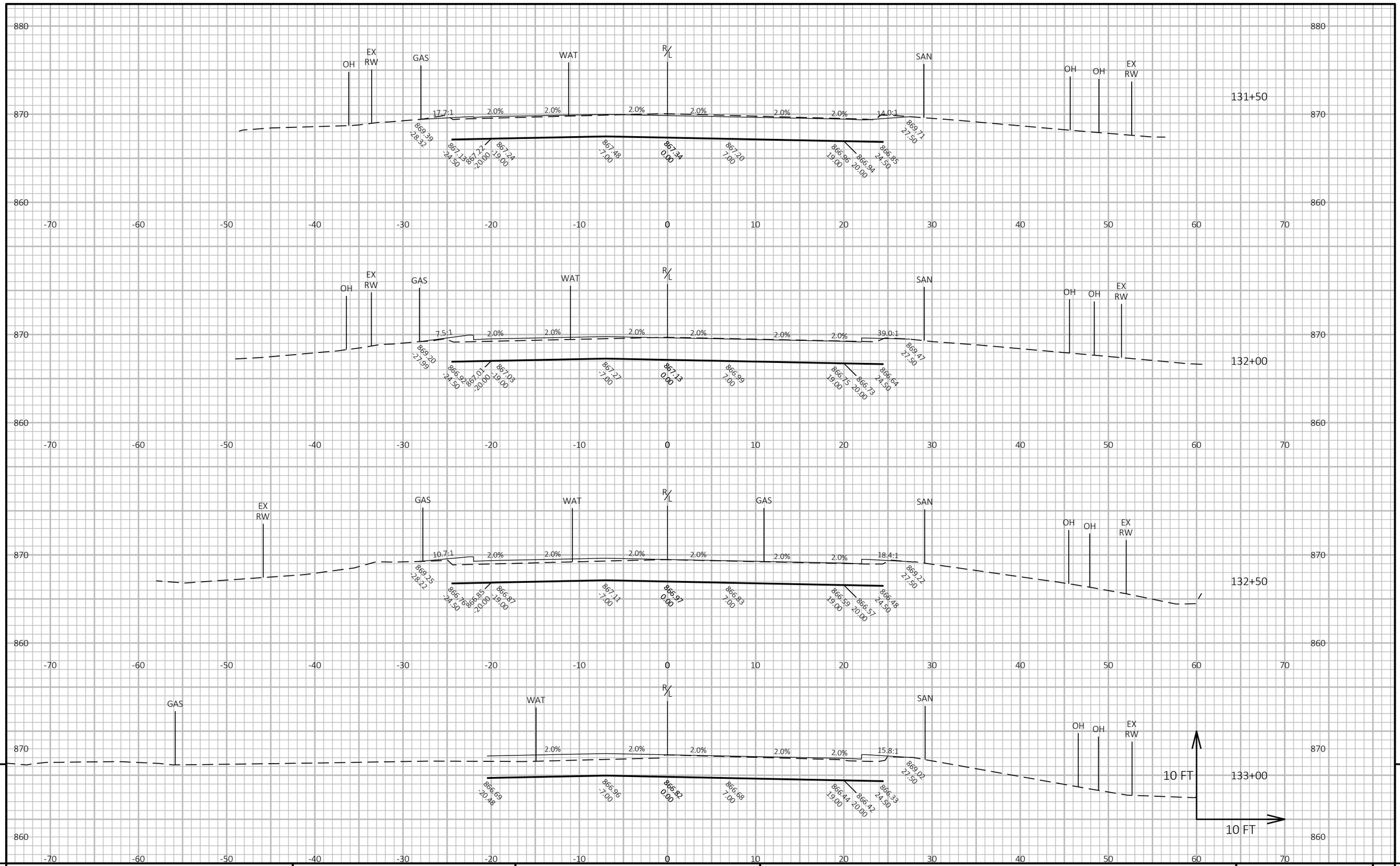
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 684	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 112

PLOT DATE : 4/28/2023 3:27 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 685	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 113

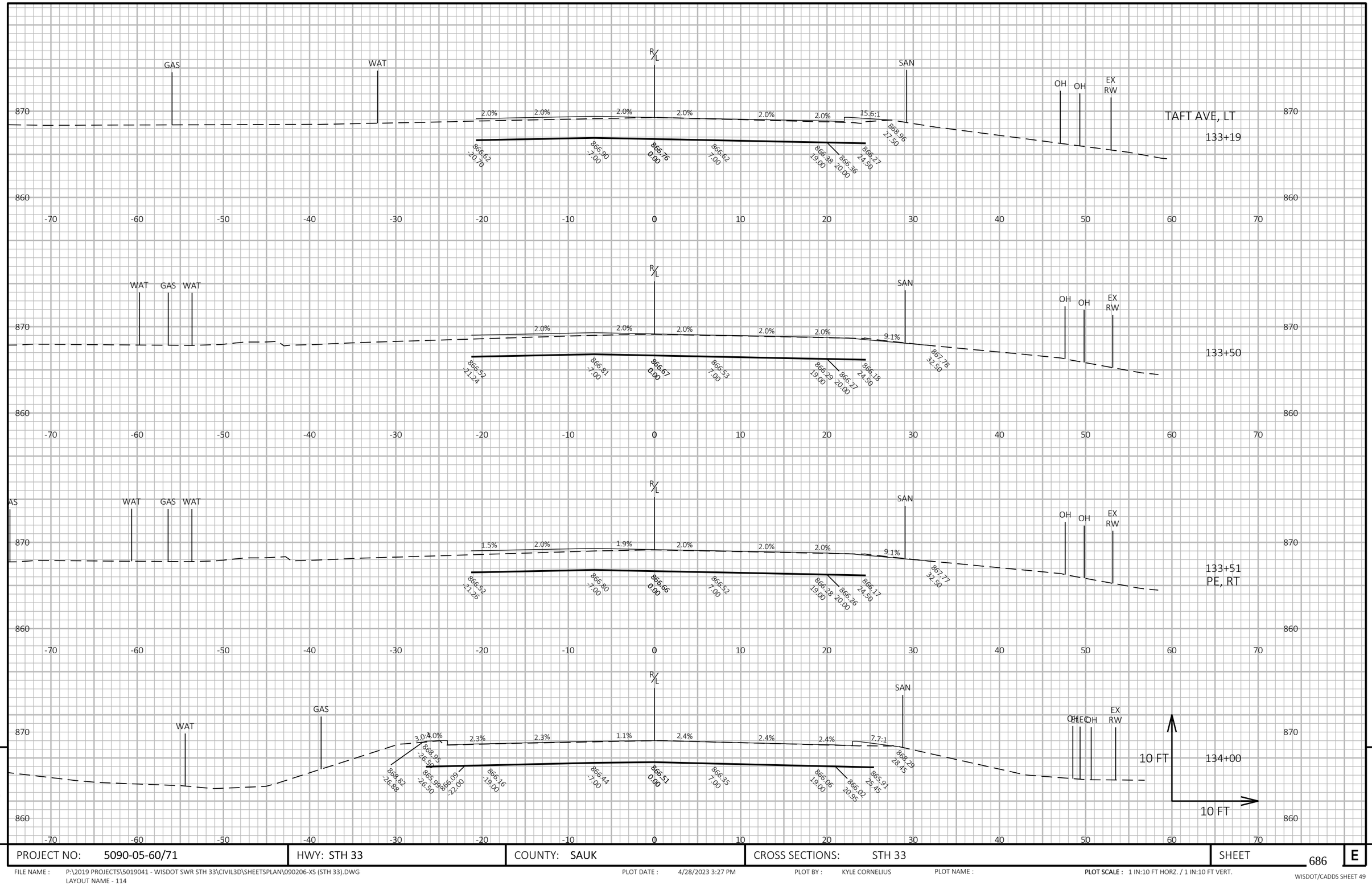
PLOT DATE : 4/28/2023 3:27 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 686	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 114

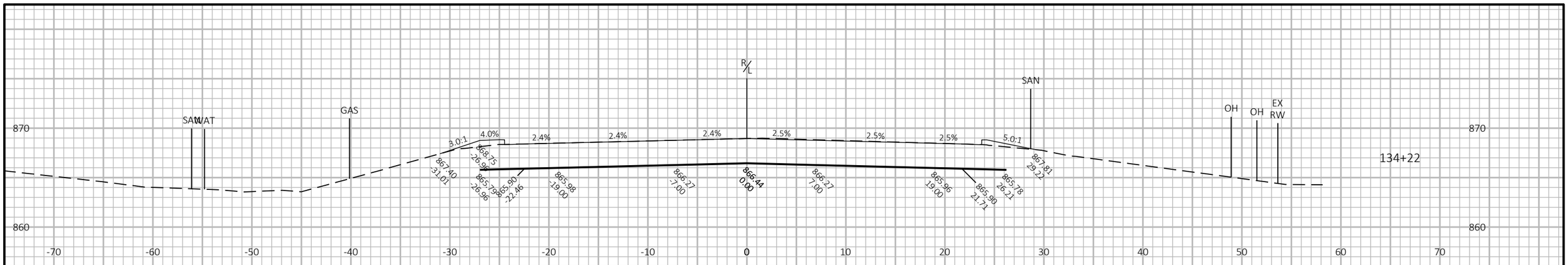
PLOT DATE : 4/28/2023 3:27 PM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



END PROJECT 5090-05-60/71
STA 134+22
MATCH EXISTING

10 FT
10 FT

9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: STH 33	SHEET 687	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090206-XS (STH 33).DWG
LAYOUT NAME - 115

PLOT DATE : 4/28/2023 3:27 PM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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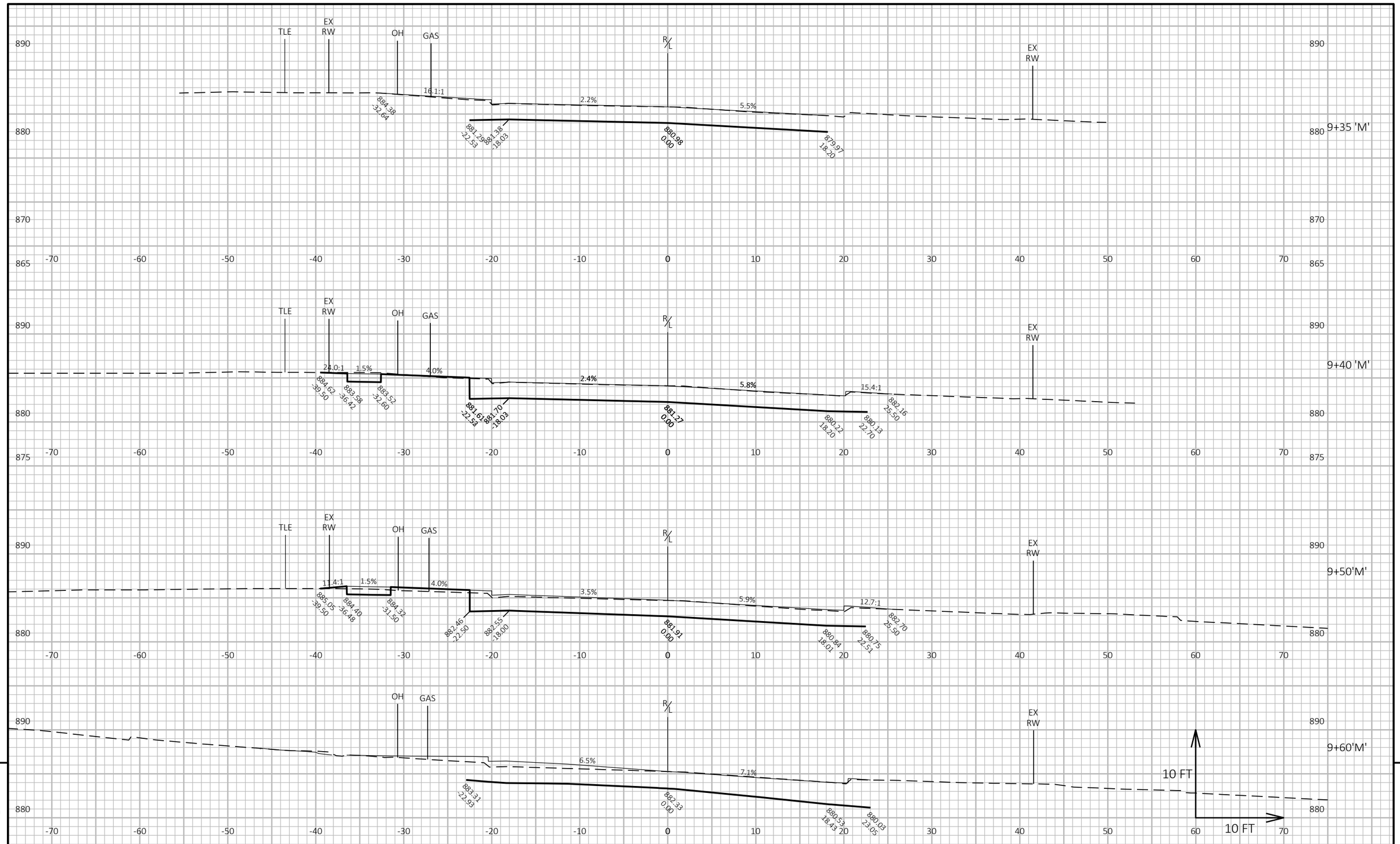


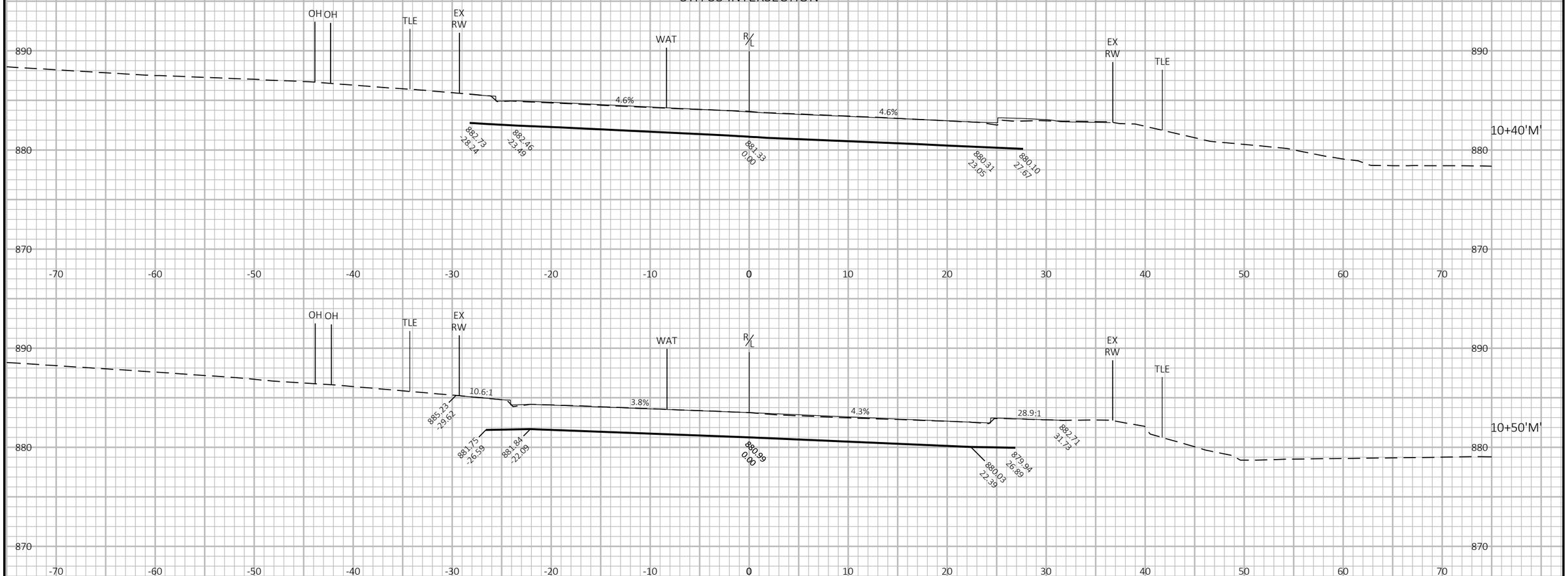
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: W MULBERRY ST	SHEET 688	E

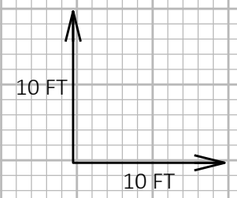
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090207-XS (MULBERRY ST).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 10:31 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION





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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: W MULBERRY ST	SHEET 689	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090207-XS (MULBERRY ST).DWG
LAYOUT NAME - 02

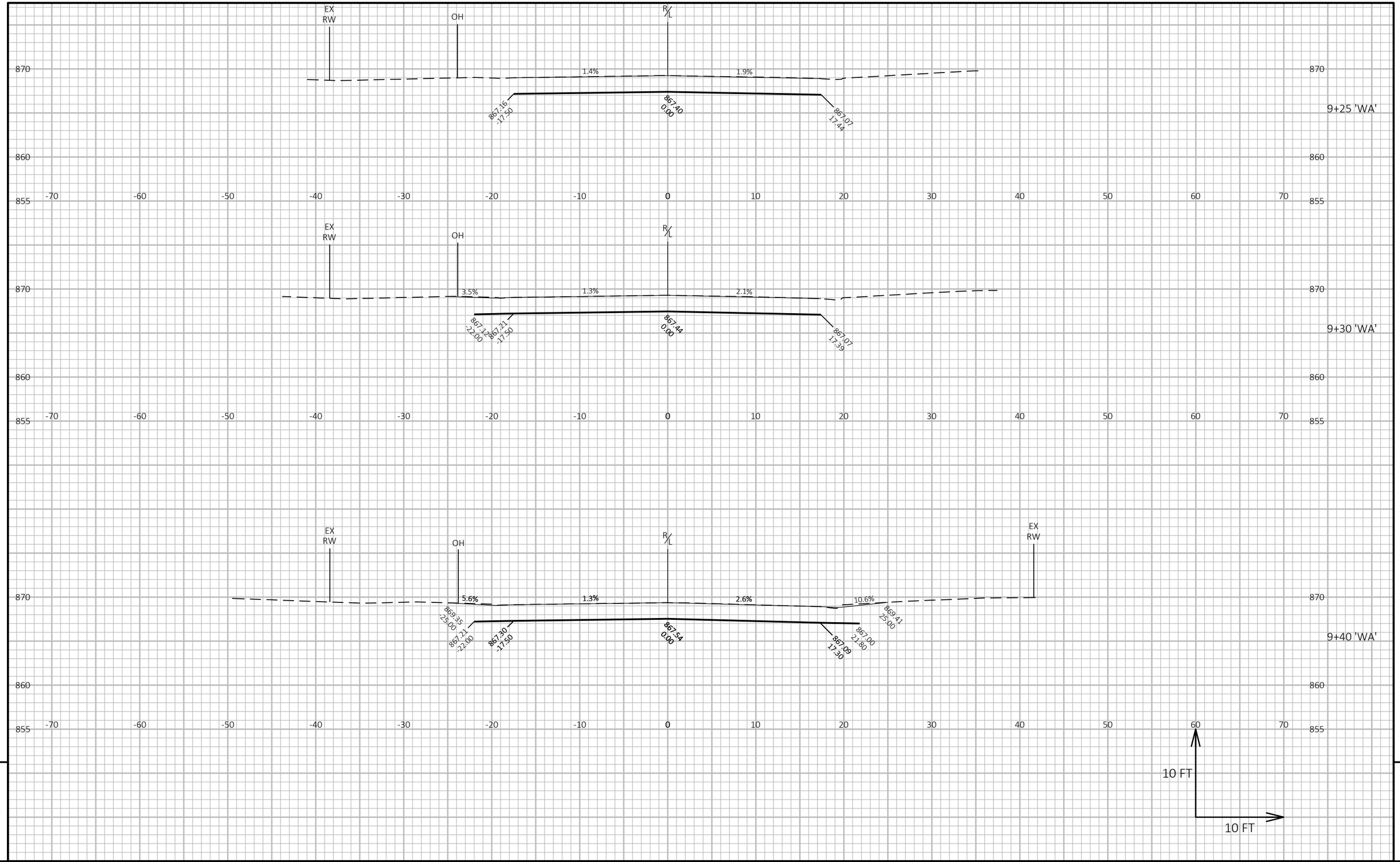
PLOT DATE : 5/1/2023 10:34 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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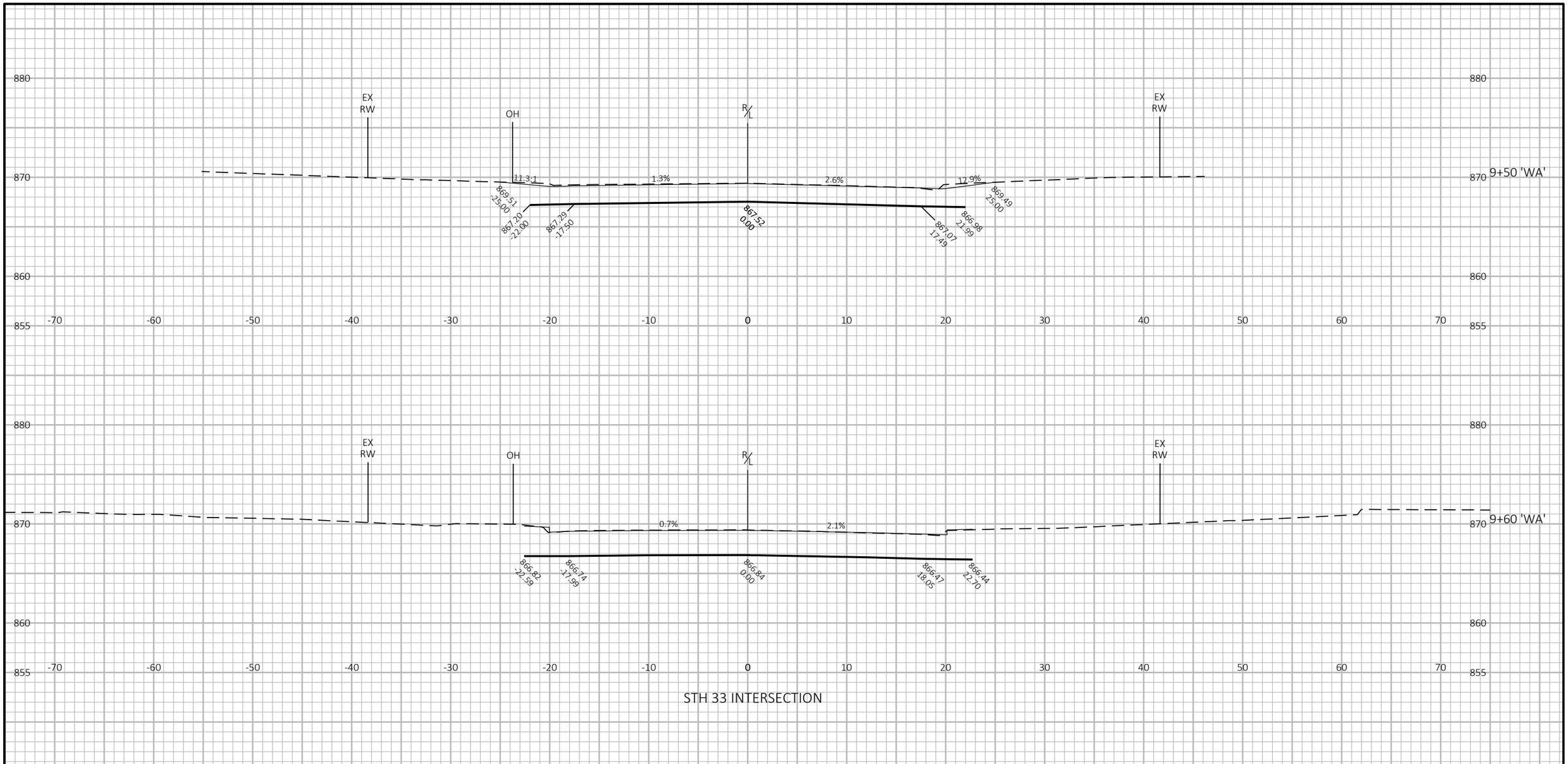
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: W WALNUT ST	SHEET 690	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090208-XS (W WALNUT ST).DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 5:55 PM PLOT BY : KEVIN JORDAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



STH 33 INTERSECTION

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9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: W WALNUT ST	SHEET 691	E

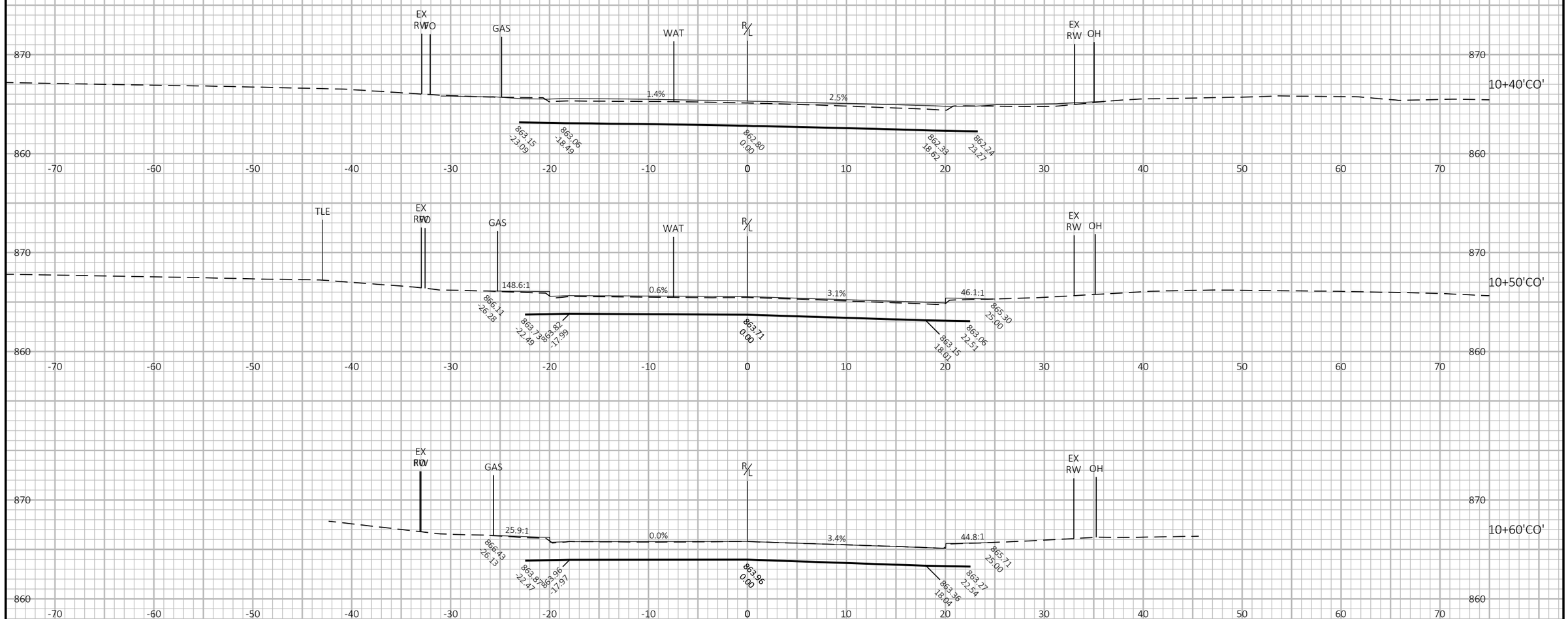
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090208-XS (W WALNUT ST).DWG
LAYOUT NAME - 02

PLOT DATE : 4/28/2023 5:54 PM PLOT BY : KEVIN JORDAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: CONNIE RD	SHEET 692	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090209-XS (CONNIE RD).DWG
LAYOUT NAME - 01

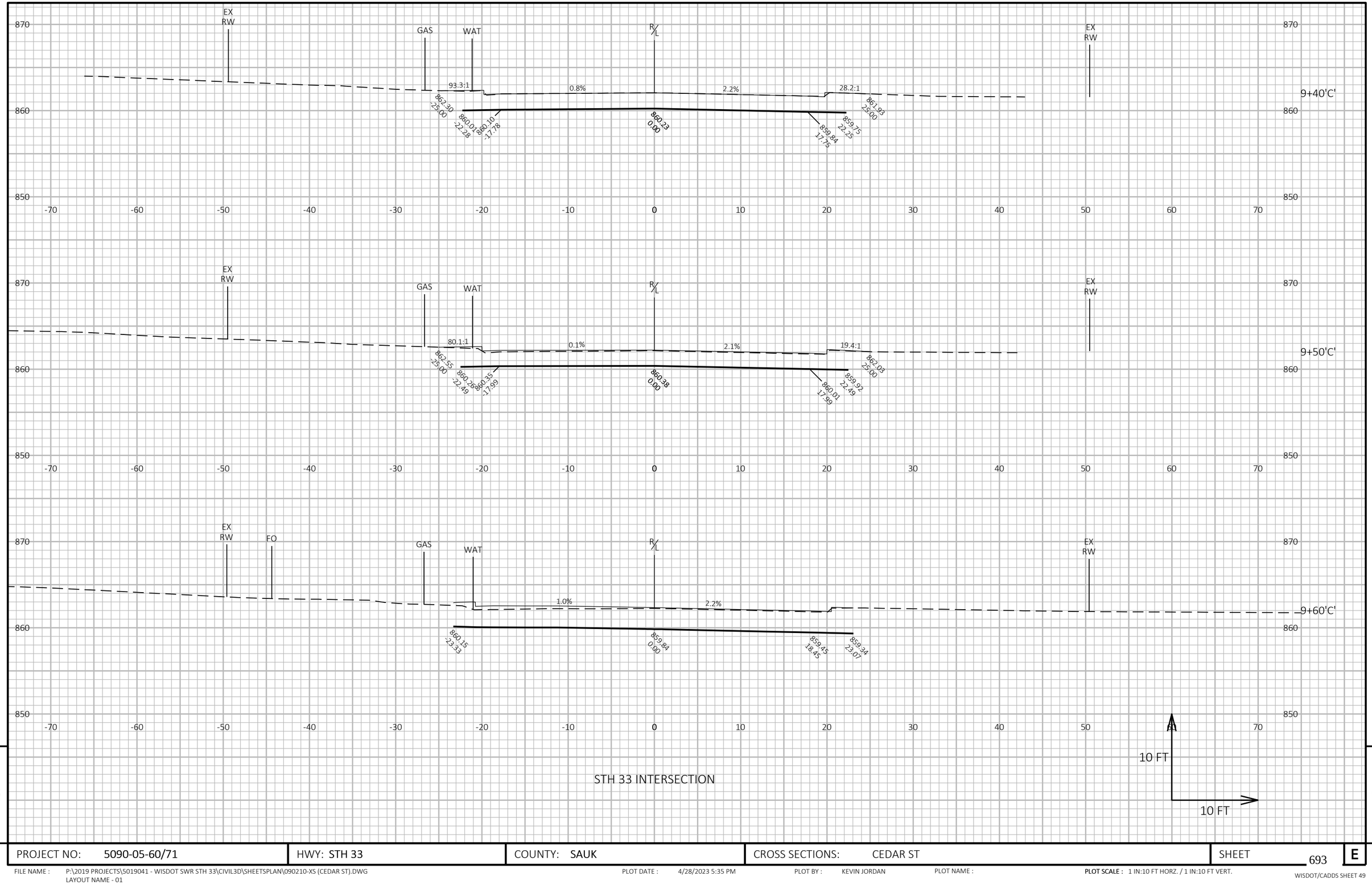
PLOT DATE : 5/1/2023 10:39 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



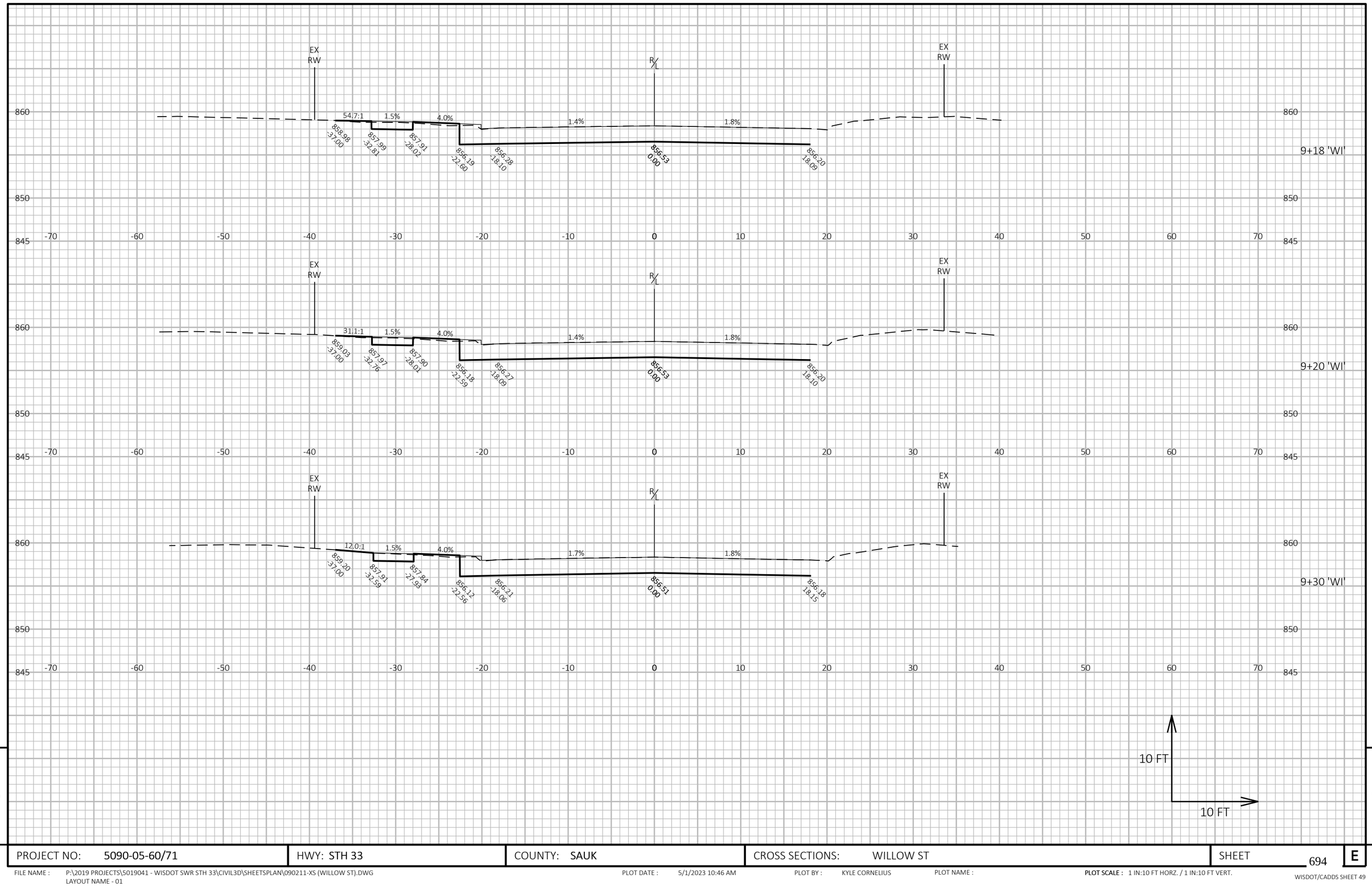
STH 33 INTERSECTION

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: CEDAR ST	SHEET 693	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090210-XS (CEDAR ST).DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 5:35 PM PLOT BY : KEVIN JORDAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: WILLOW ST	SHEET 694	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090211-XS (WILLOW ST).DWG
LAYOUT NAME - 01

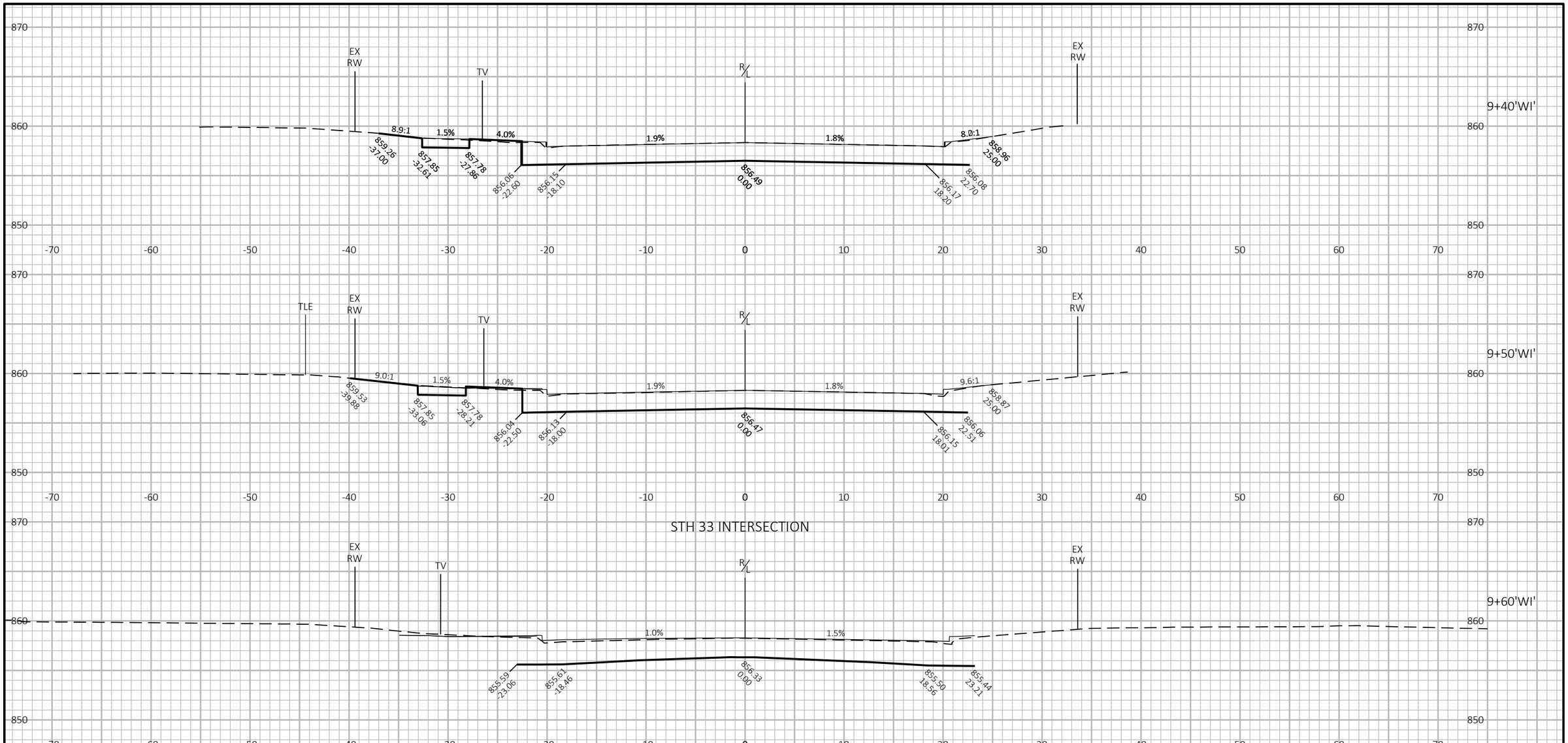
PLOT DATE : 5/1/2023 10:46 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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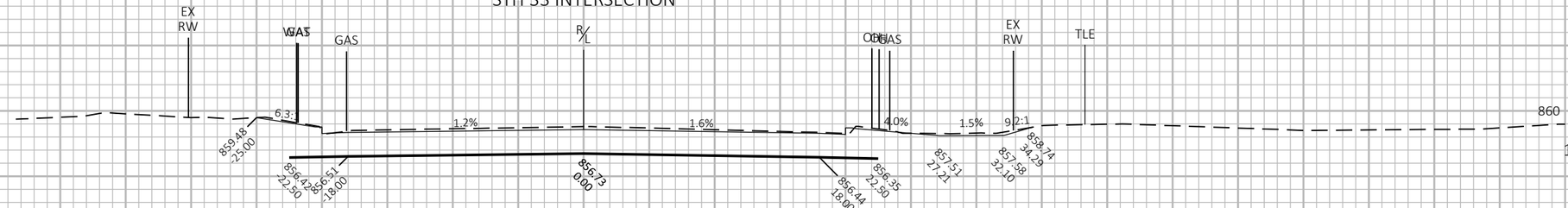
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: WILLOW ST	SHEET 695	E

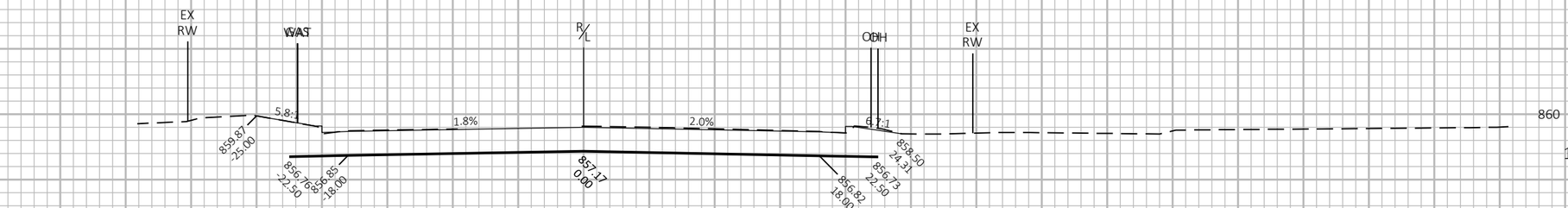
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090211-XS (WILLOW ST).DWG
LAYOUT NAME - 02

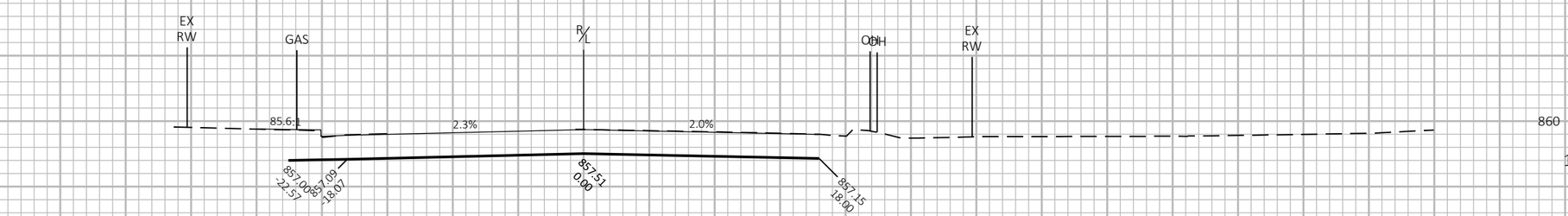
PLOT DATE : 5/1/2023 10:47 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

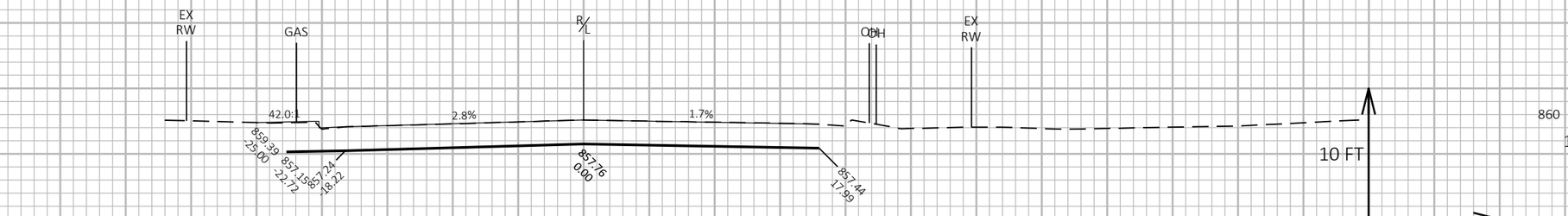
WISDOT/CADDS SHEET 49

STH 33 INTERSECTION









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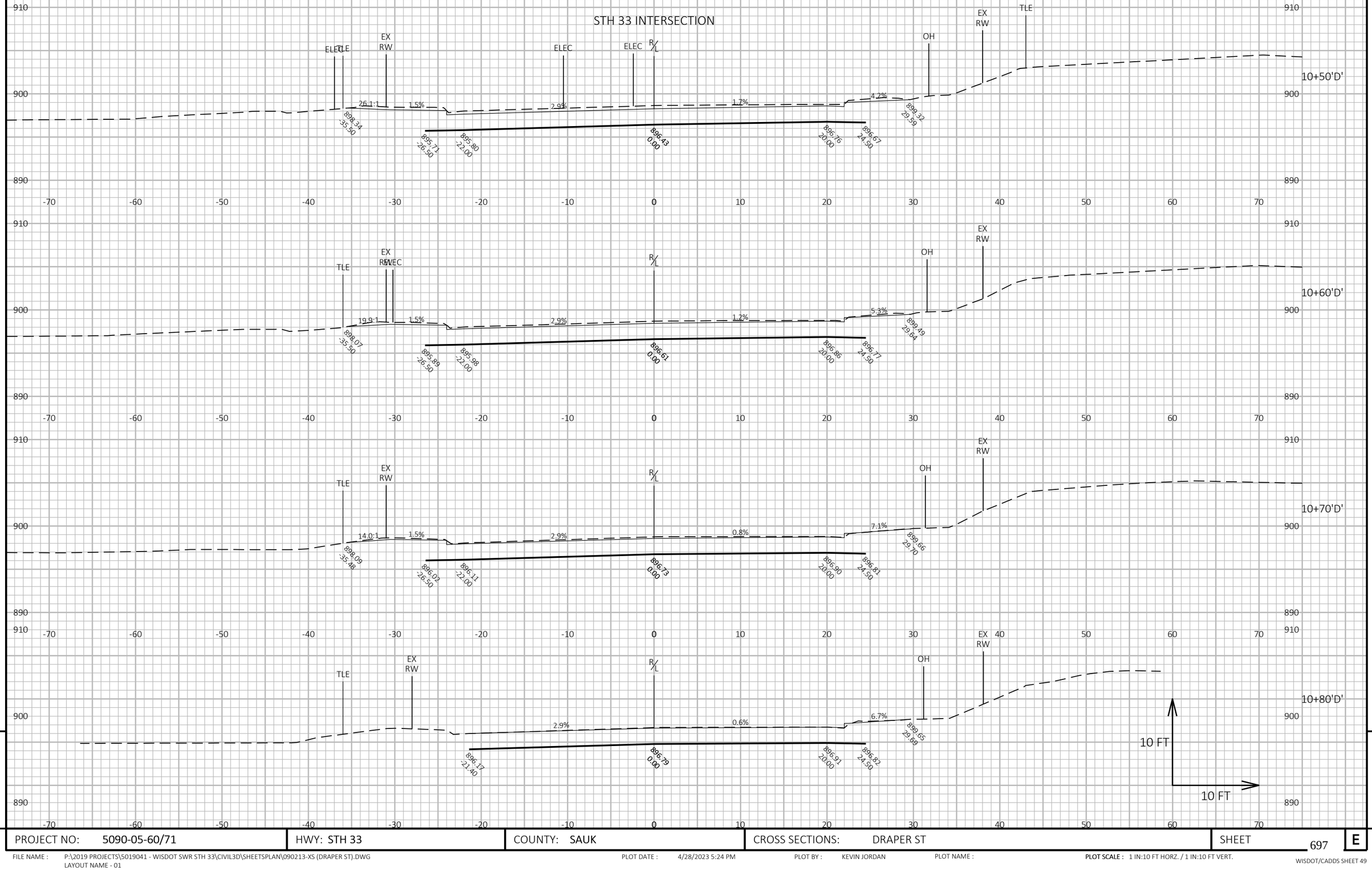
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: HILL ST	SHEET 696	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090212-XS (HILL ST).DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 5:31 PM PLOT BY : KEVIN JORDAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: DRAPER ST	SHEET 697	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090213-XS (DRAPER ST).DWG
LAYOUT NAME - 01

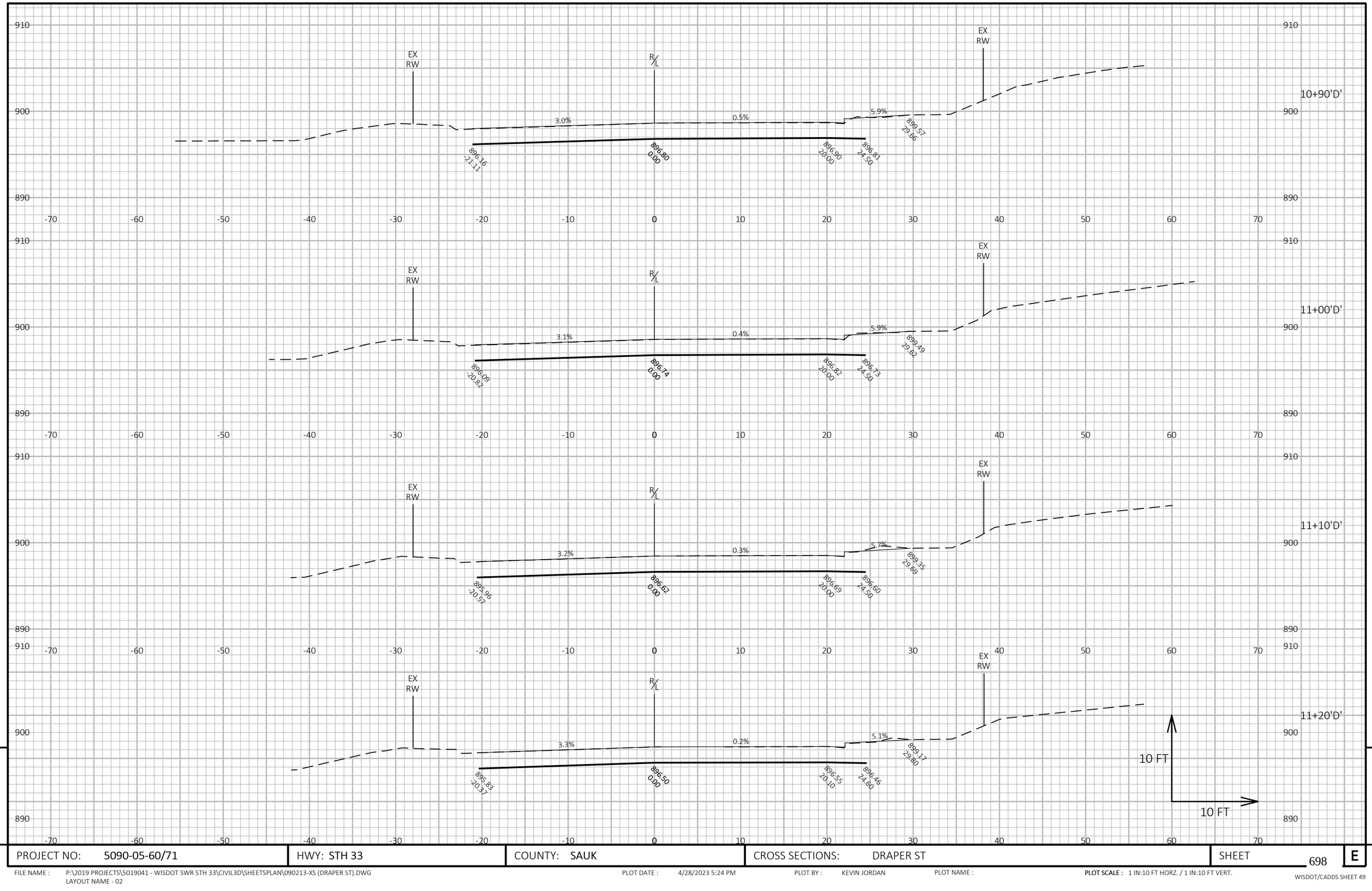
PLOT DATE : 4/28/2023 5:24 PM

PLOT BY : KEVIN JORDAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: DRAPER ST	SHEET 698	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090213-XS (DRAPER ST).DWG
LAYOUT NAME - 02

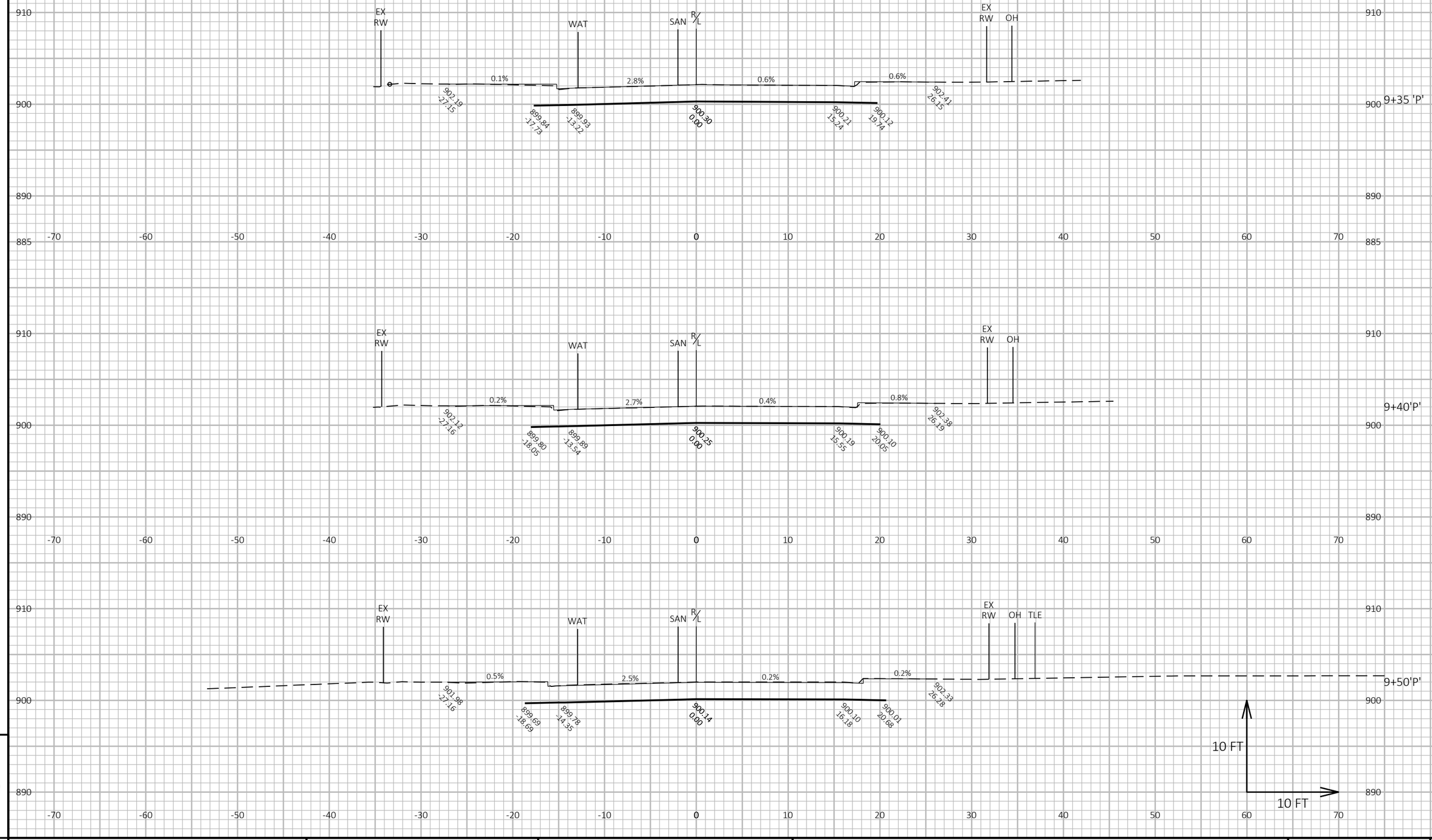
PLOT DATE : 4/28/2023 5:24 PM

PLOT BY : KEVIN JORDAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: PARK ST	SHEET 699	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090214-XS (PARK ST).DWG
LAYOUT NAME - 01

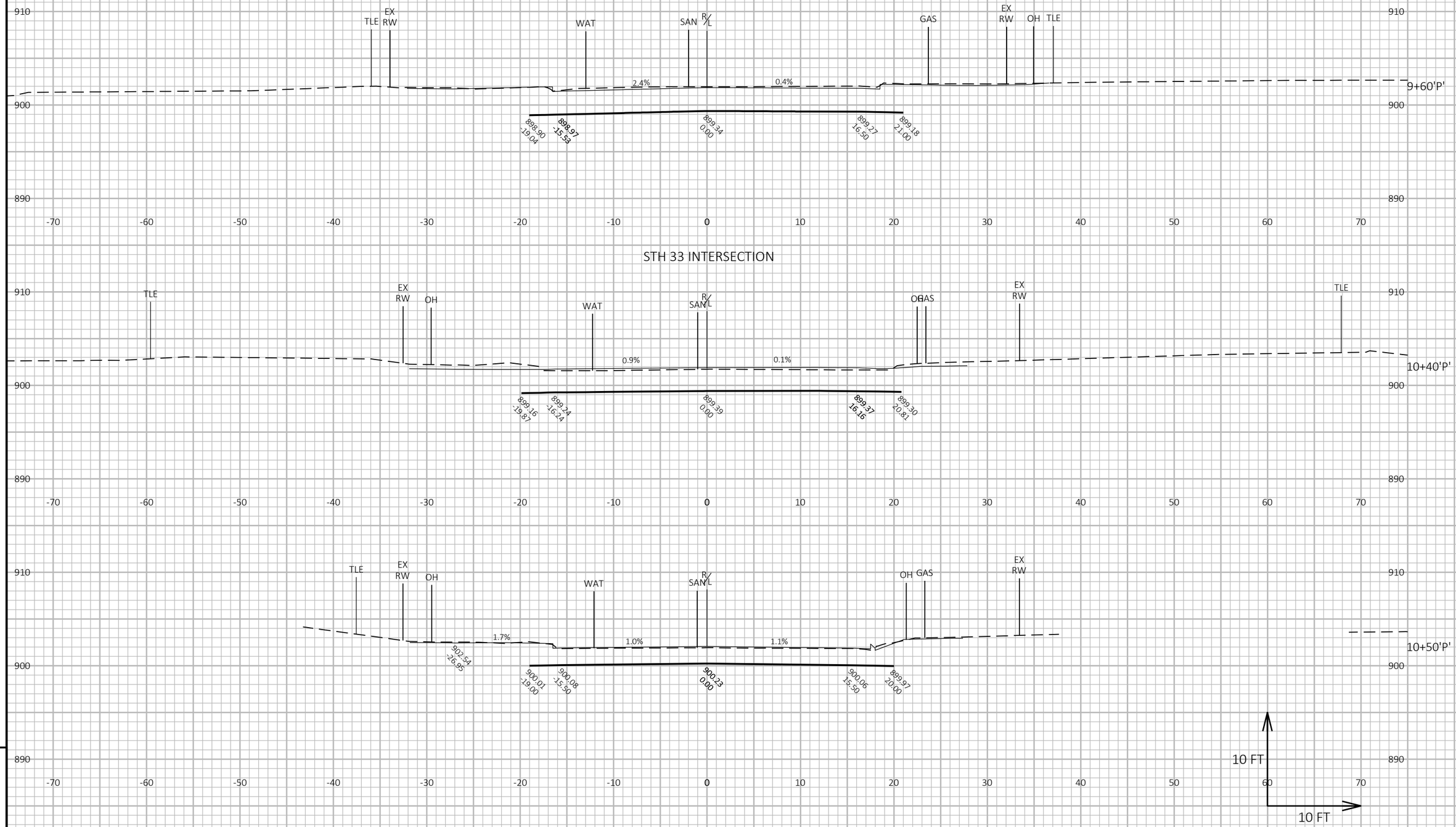
PLOT DATE : 5/1/2023 10:54 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

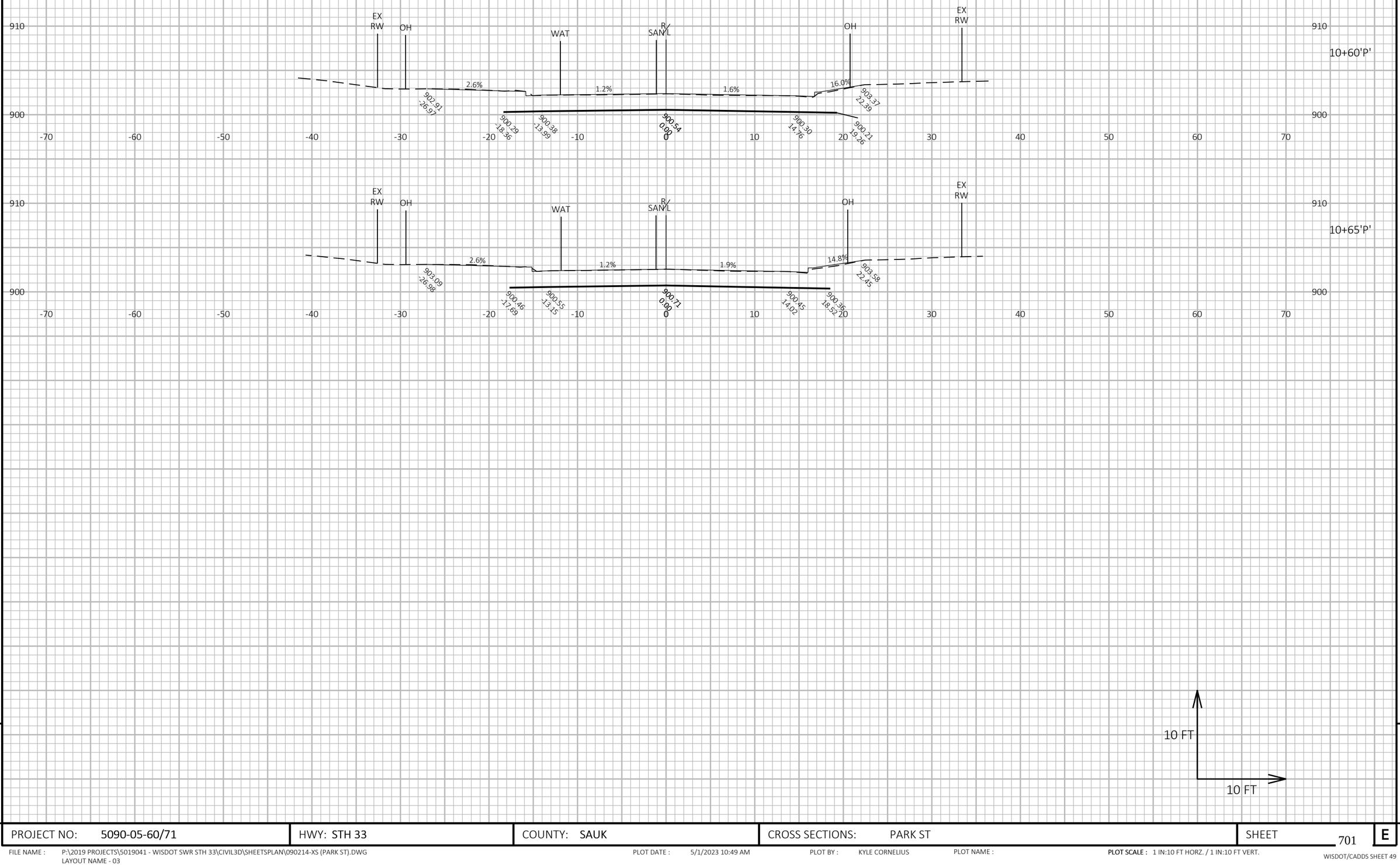


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: PARK ST	SHEET 700	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090214-XS (PARK ST).DWG
LAYOUT NAME - 02

PLOT DATE : 5/1/2023 10:54 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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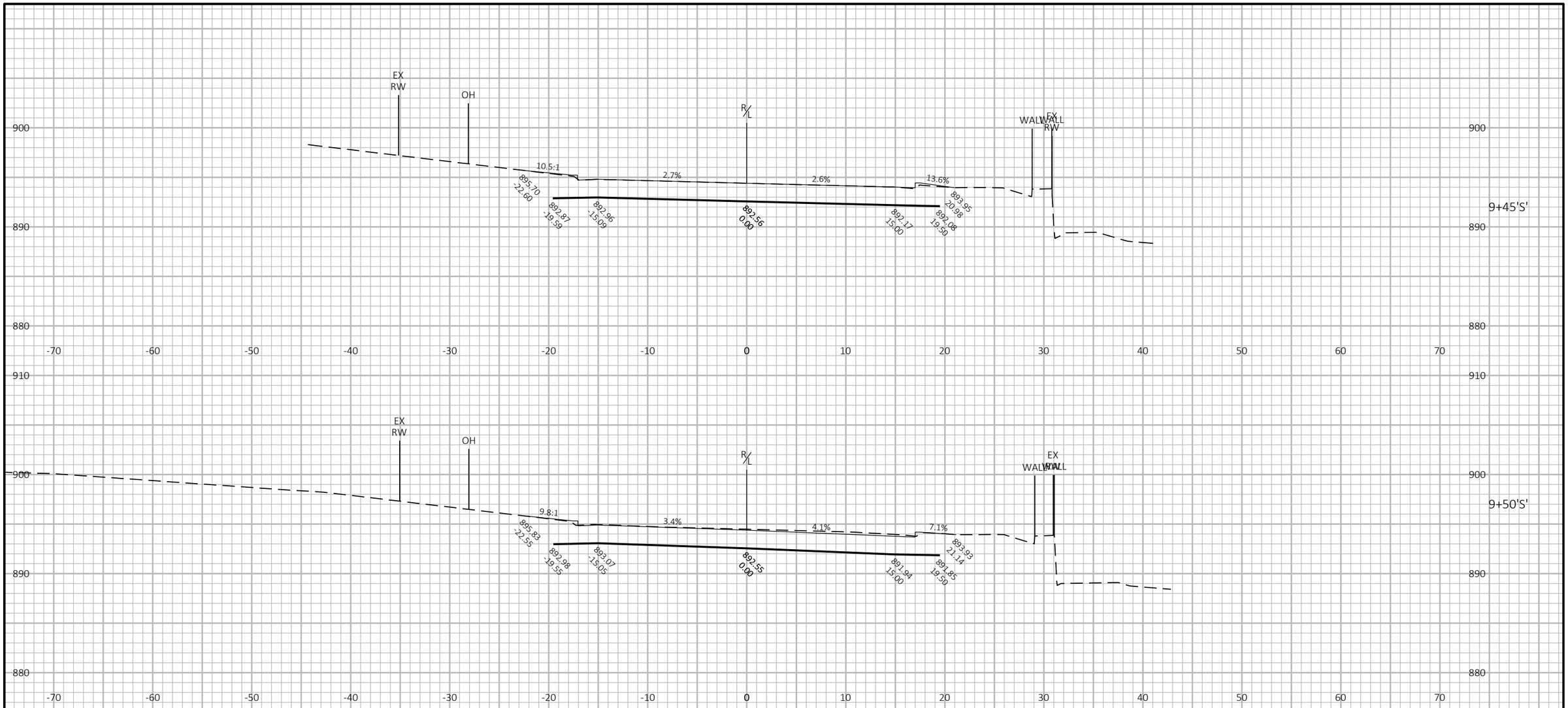
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: PARK ST	SHEET 701	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090214-XS (PARK ST).DWG
LAYOUT NAME - 03

PLOT DATE : 5/1/2023 10:49 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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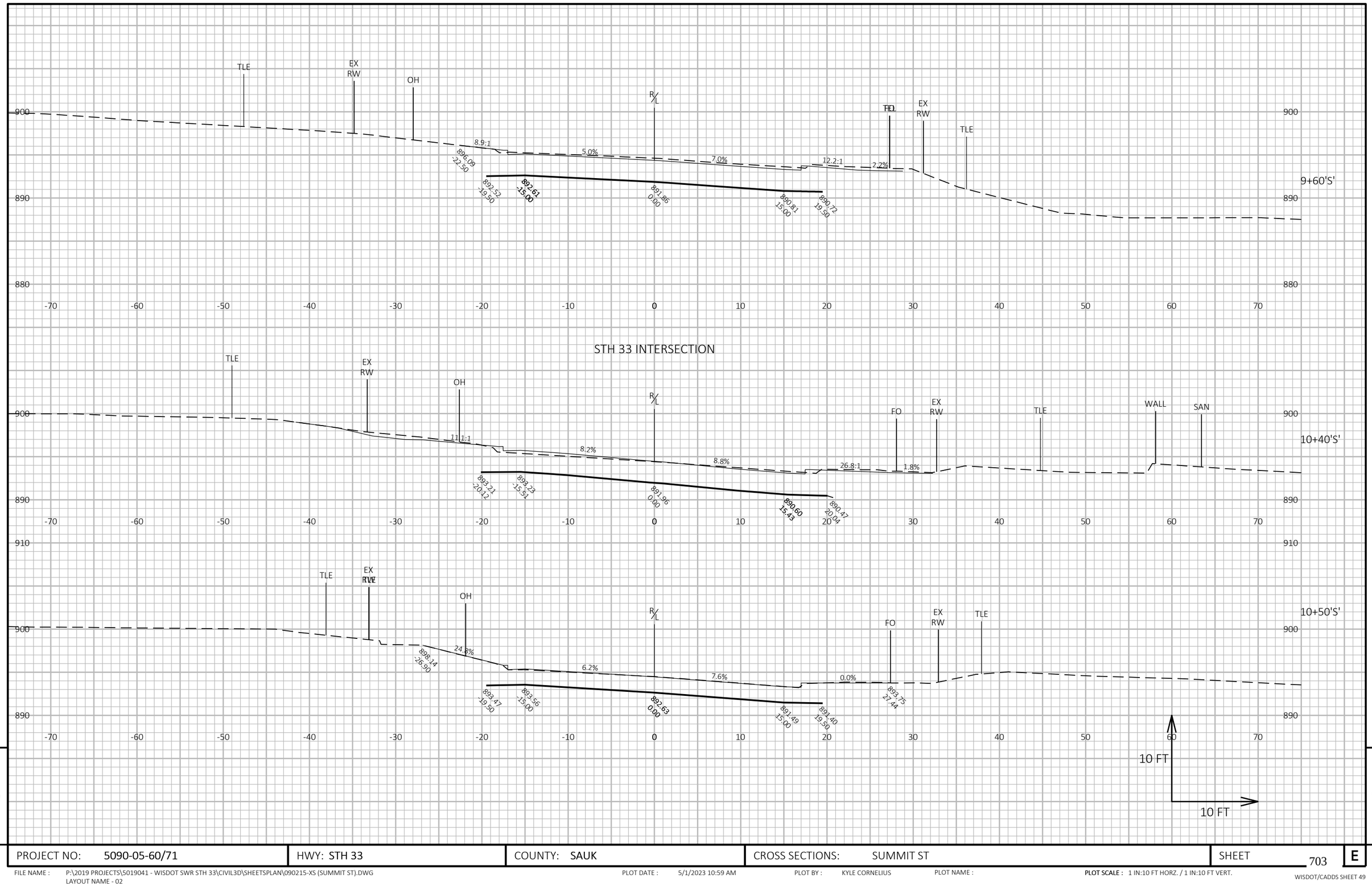
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: SUMMIT ST	SHEET 702	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090215-XS (SUMMIT ST).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 10:59 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

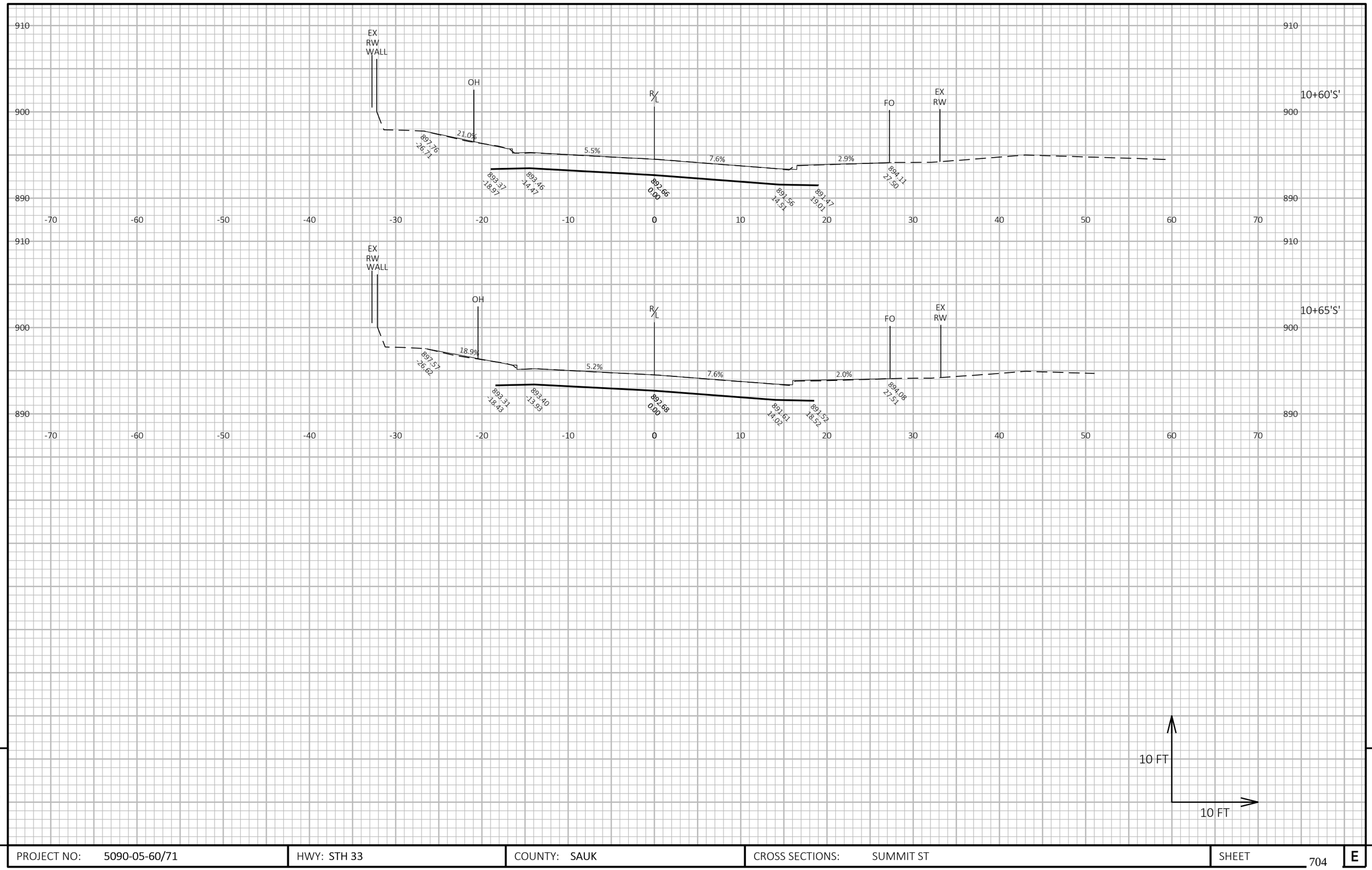


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: SUMMIT ST	SHEET 703 E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090215-XS (SUMMIT ST).DWG
LAYOUT NAME - 02

PLOT DATE : 5/1/2023 10:59 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: SUMMIT ST	SHEET 704	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090215-XS (SUMMIT ST).DWG
LAYOUT NAME - 03

PLOT DATE : 5/1/2023 10:56 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

STH 33 INTERSECTION

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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: WOOD ST	SHEET 705	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090216-XS (WOOD ST).DWG
LAYOUT NAME - 01

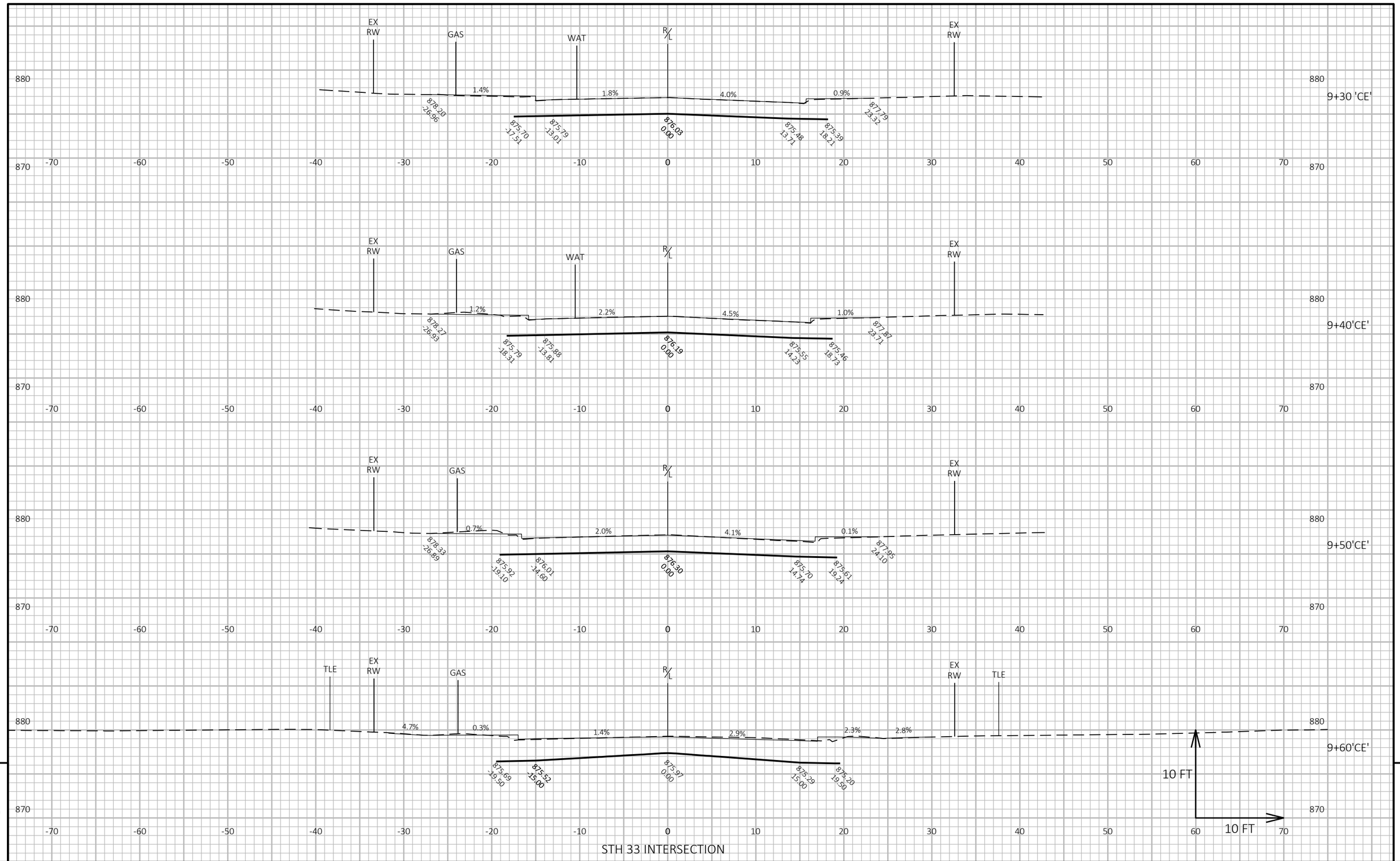
PLOT DATE : 5/1/2023 11:02 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



STH 33 INTERSECTION

9

9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: CENTER ST	SHEET 706	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090217-XS (CENTER ST).DWG
LAYOUT NAME - 01

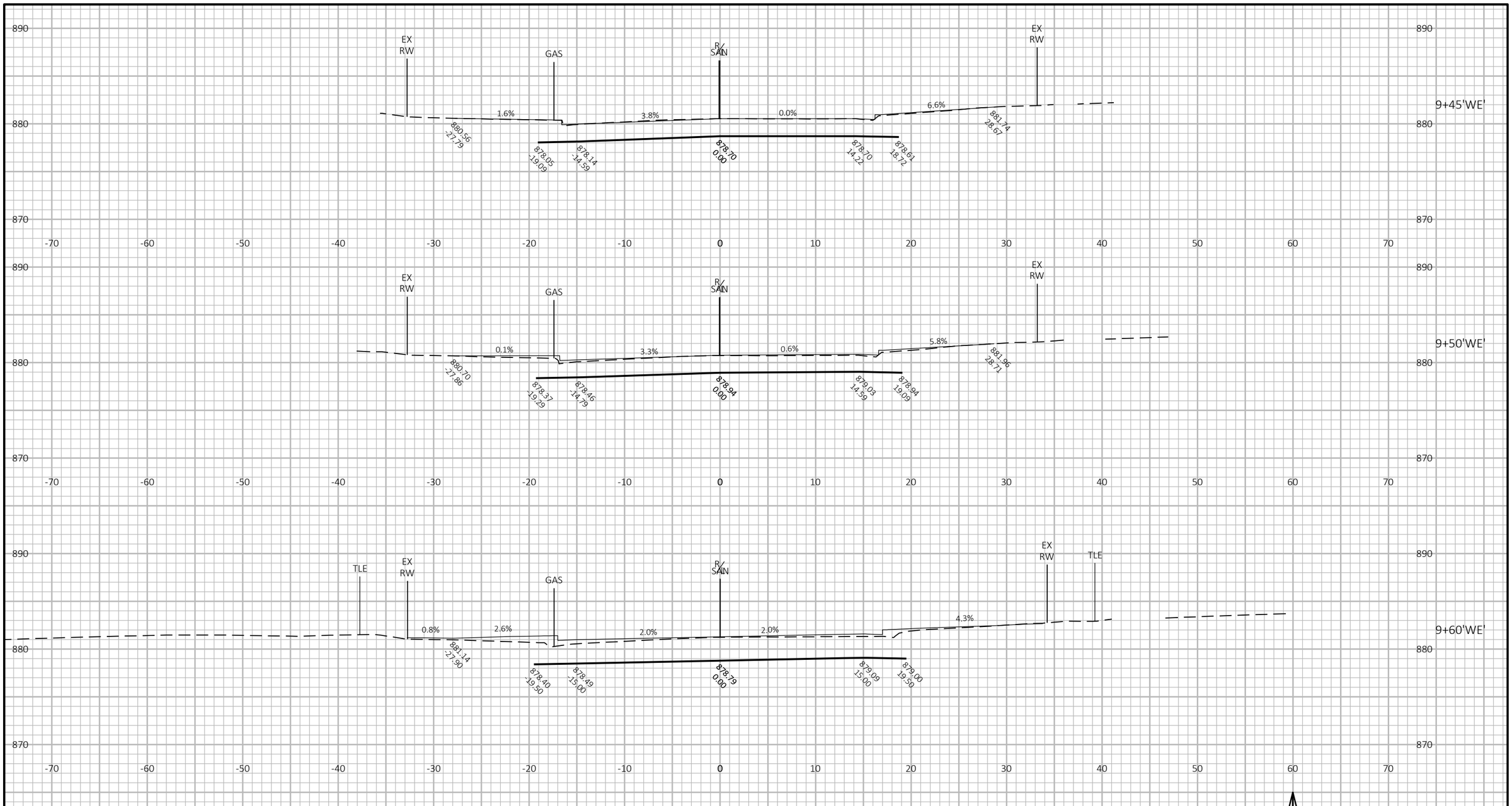
PLOT DATE : 5/1/2023 11:05 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



STH 33 INTERSECTION

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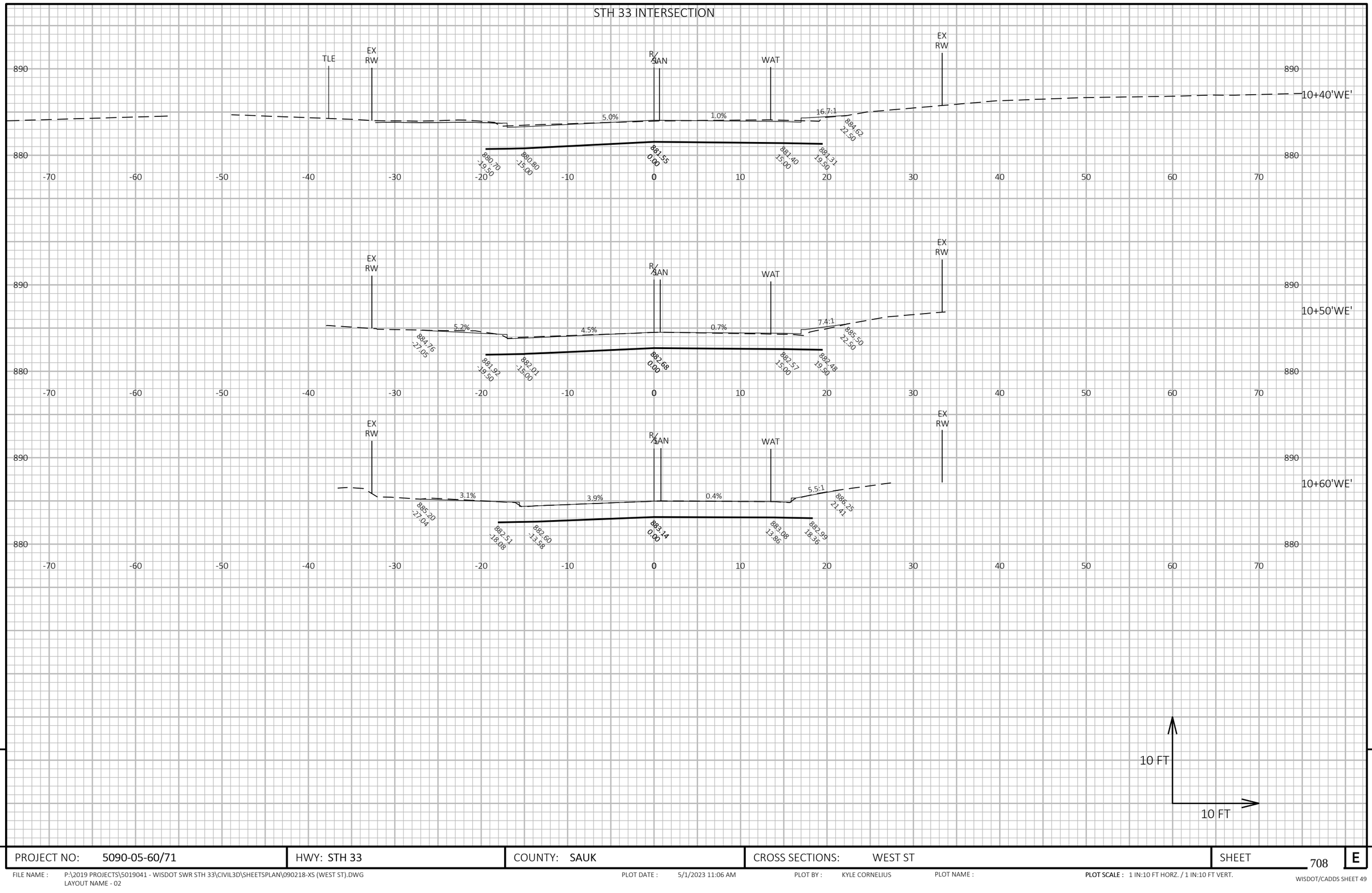
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: WEST ST	SHEET 707	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090218-XS (WEST ST).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 11:07 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

STH 33 INTERSECTION



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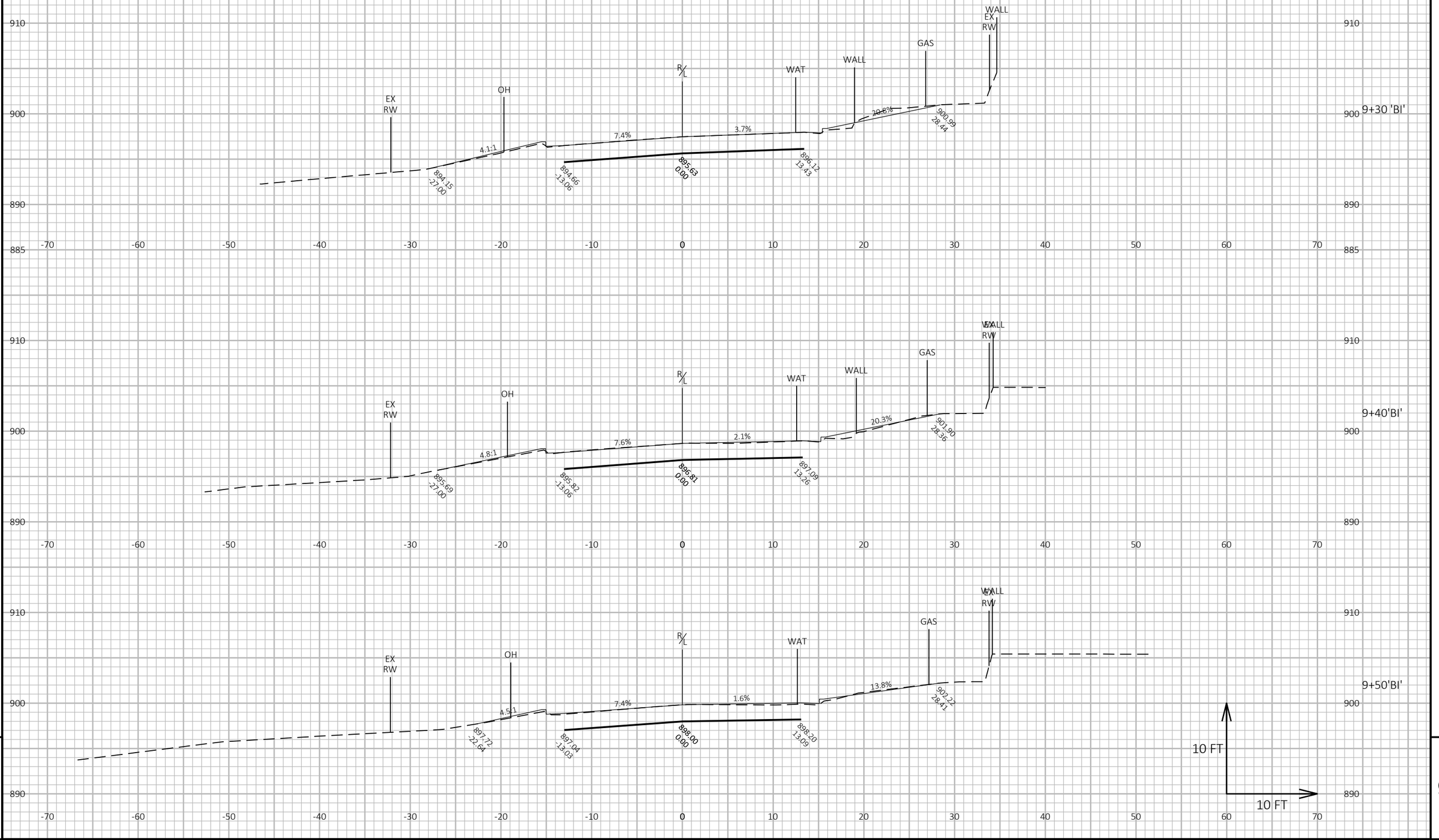
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: WEST ST	SHEET 708	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090218-XS (WEST ST).DWG
LAYOUT NAME - 02

PLOT DATE : 5/1/2023 11:06 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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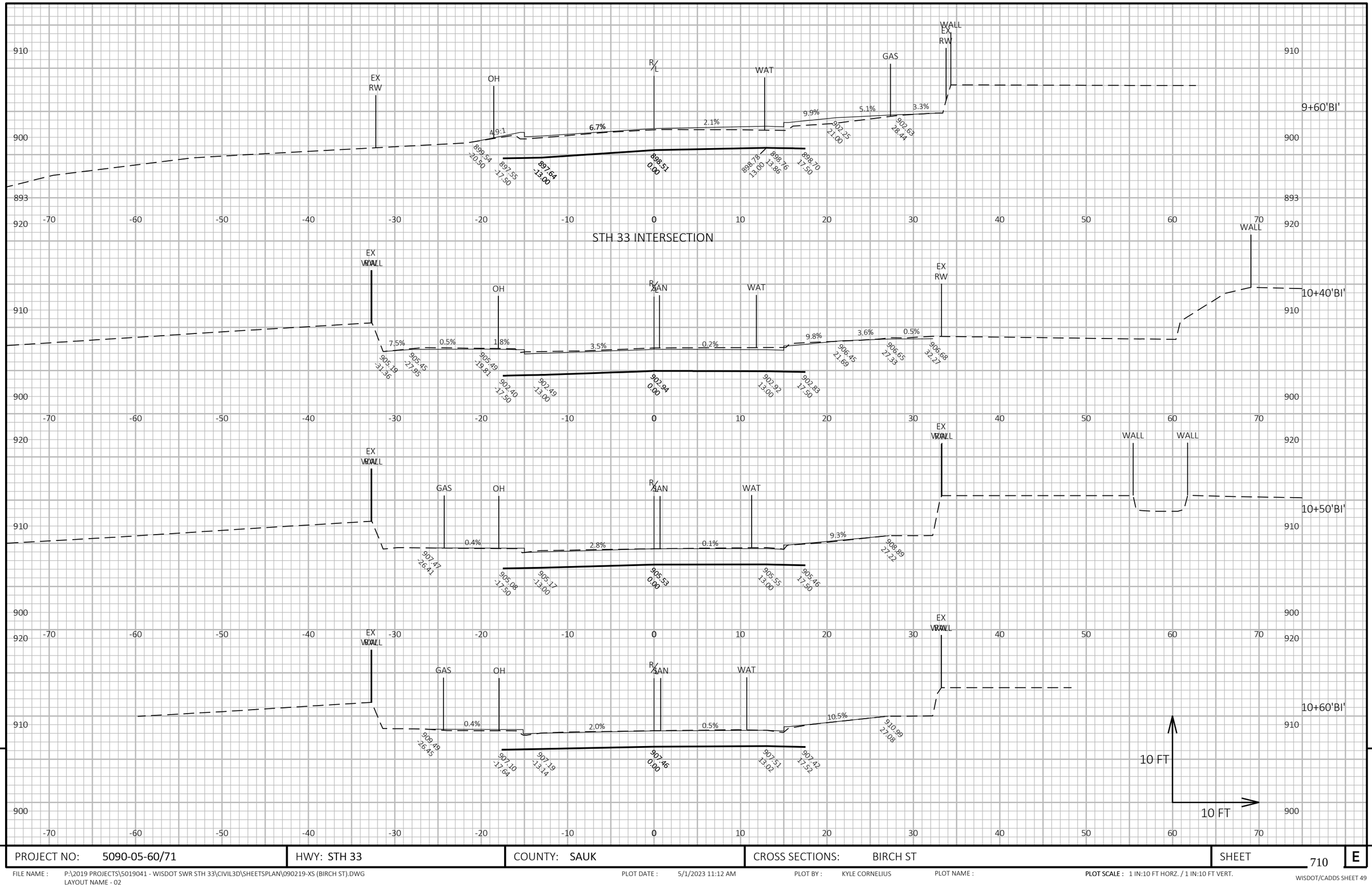
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: BIRCH ST	SHEET 709	E

9

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090219-XS (BIRCH ST).DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 4:49 PM PLOT BY : KEVIN JORDAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

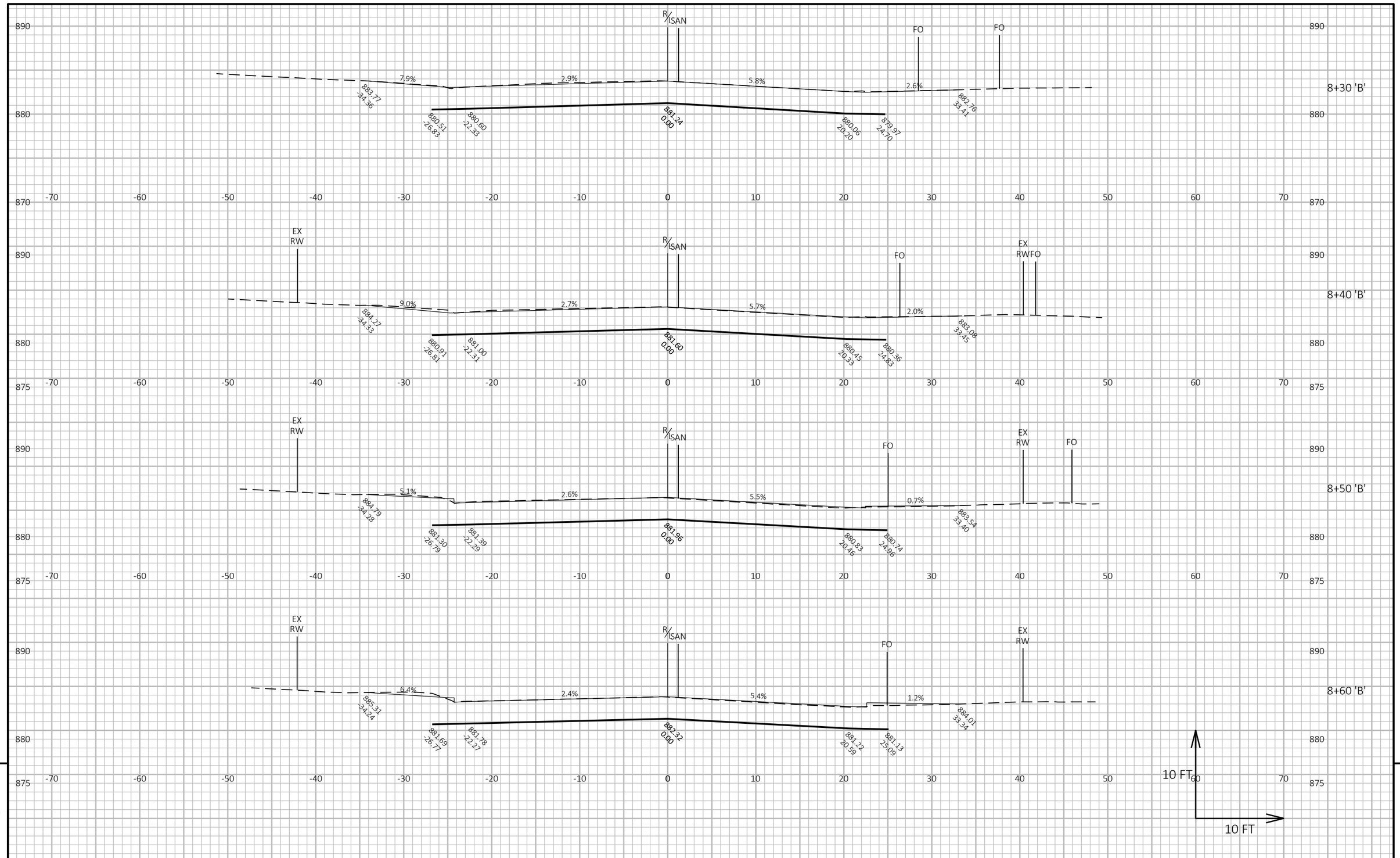


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: BIRCH ST	SHEET 710	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090219-XS (BIRCH ST).DWG
LAYOUT NAME - 02

PLOT DATE : 5/1/2023 11:12 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: BROADWAY ST	SHEET 711	E

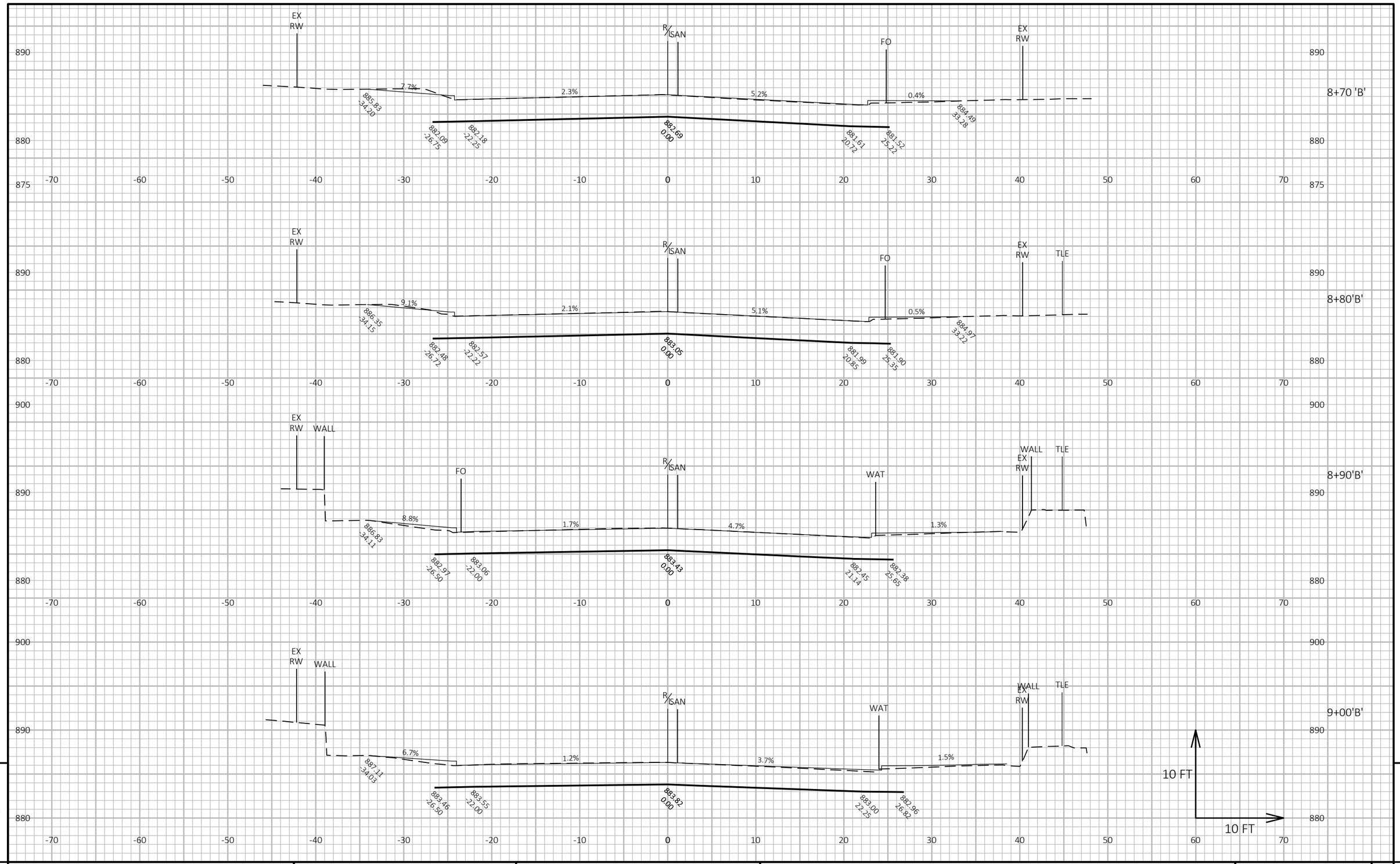
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090220-XS (BROADWAY ST).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 11:17 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

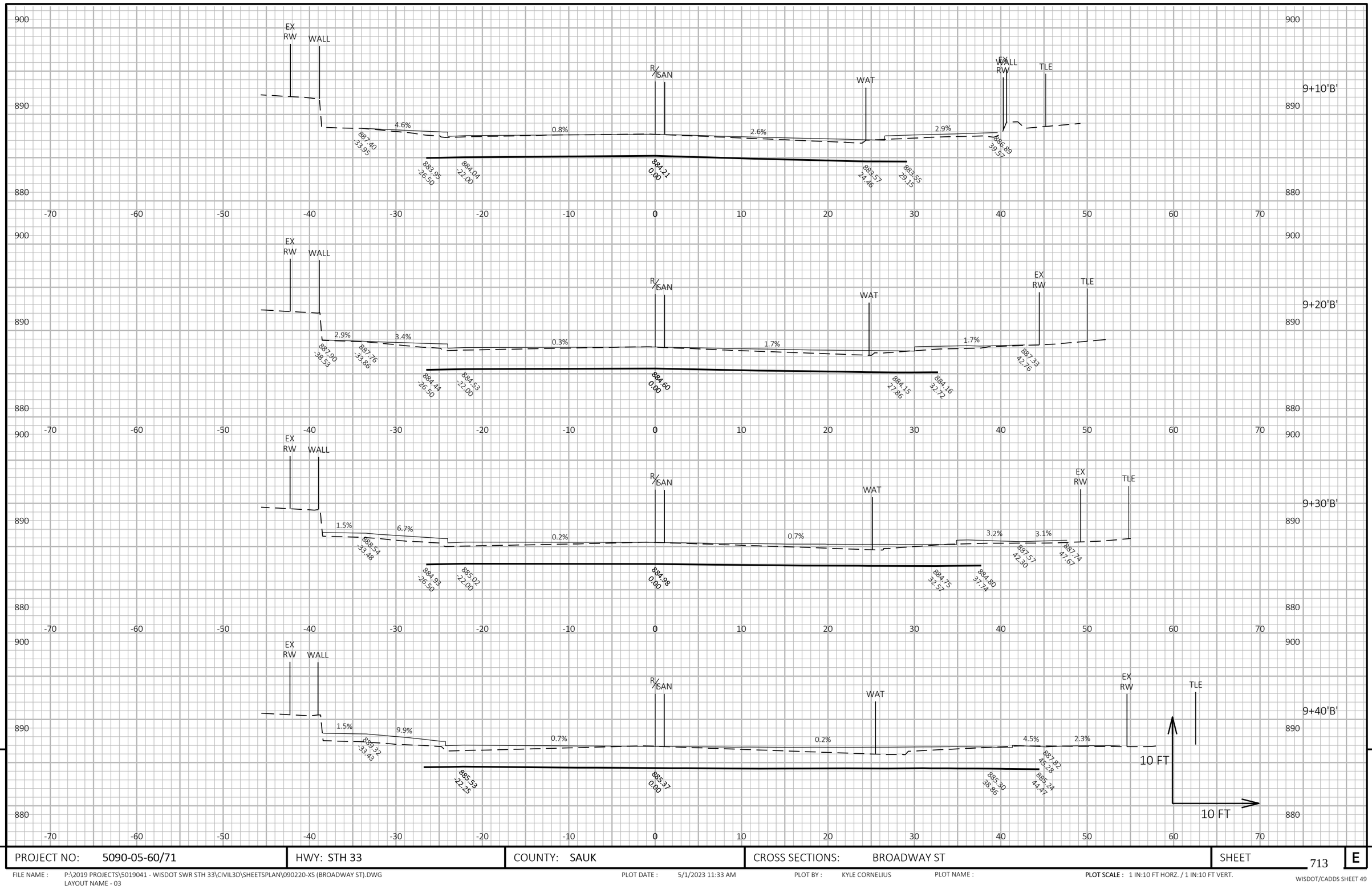


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: BROADWAY ST	SHEET 712	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090220-XS (BROADWAY ST).DWG
LAYOUT NAME - 02

PLOT DATE : 5/1/2023 11:25 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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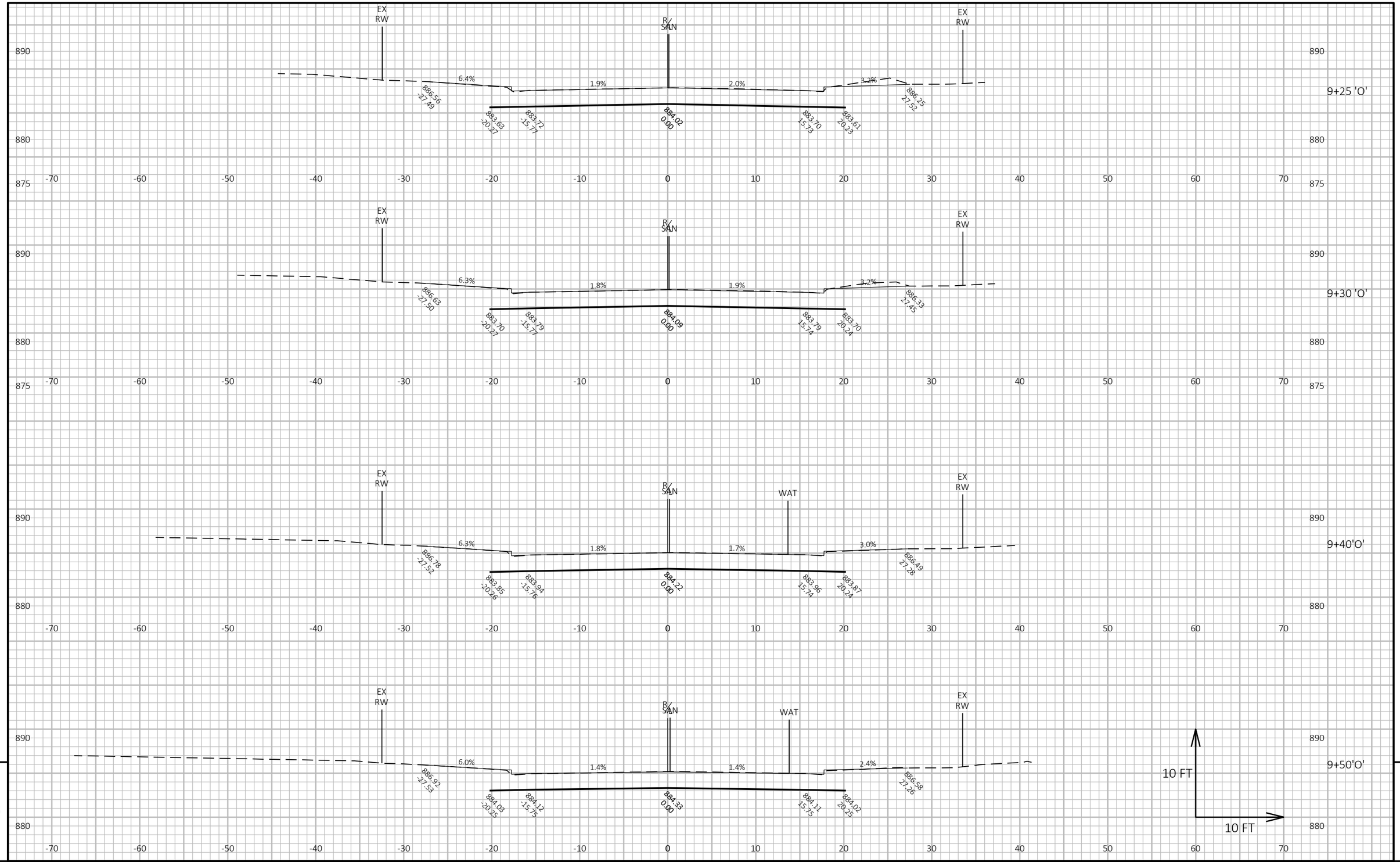
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: BROADWAY ST	SHEET 713	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090220-XS (BROADWAY ST).DWG
LAYOUT NAME - 03

PLOT DATE : 5/1/2023 11:33 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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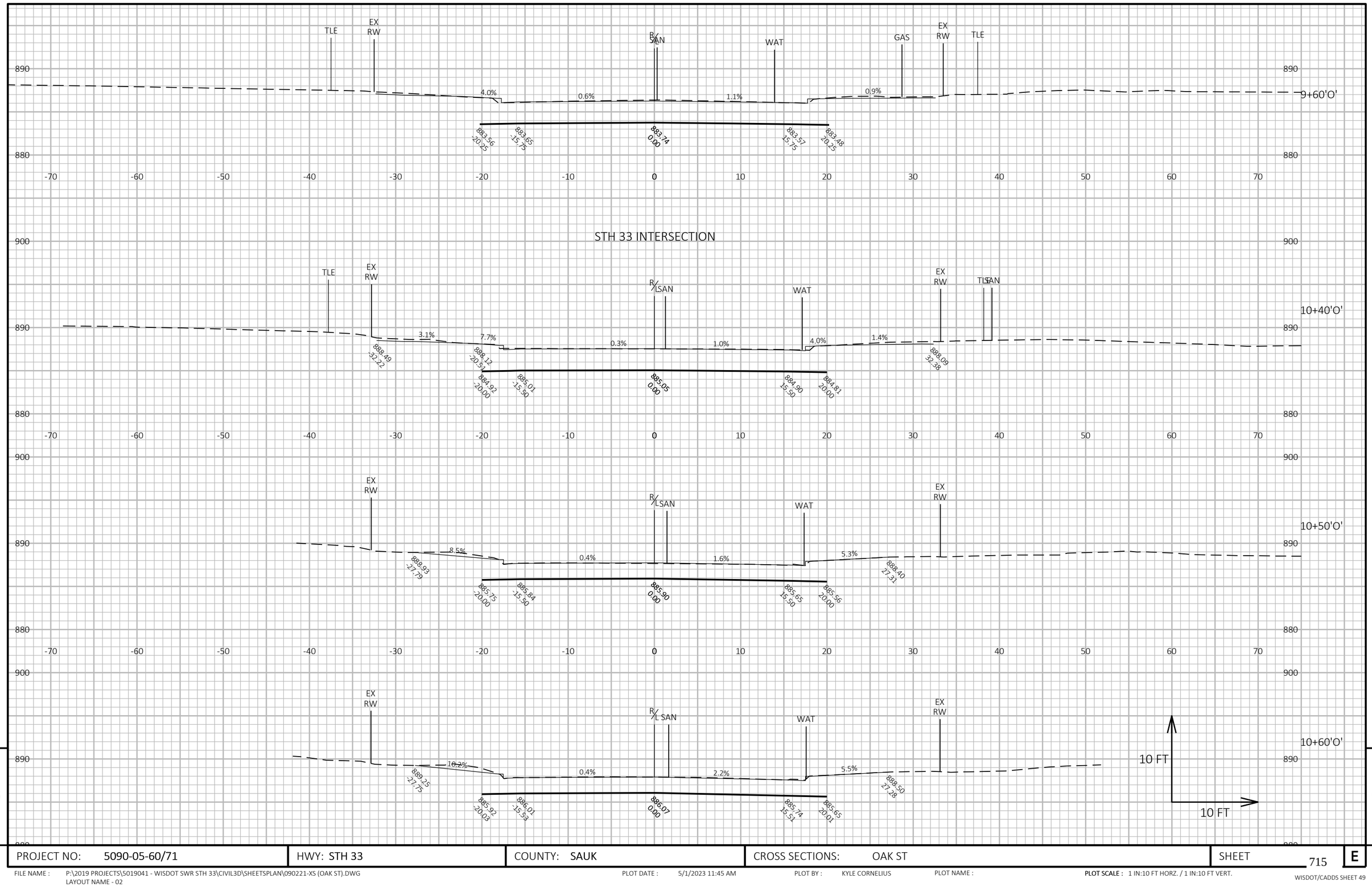
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: OAK ST	SHEET 714	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090221-XS (OAK ST).DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 4:07 PM PLOT BY : KEVIN JORDAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: OAK ST	SHEET 715	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090221-XS (OAK ST).DWG
LAYOUT NAME - 02

PLOT DATE : 5/1/2023 11:45 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: ASH ST	SHEET 716	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090222-XS (ASH ST).DWG
LAYOUT NAME - 01

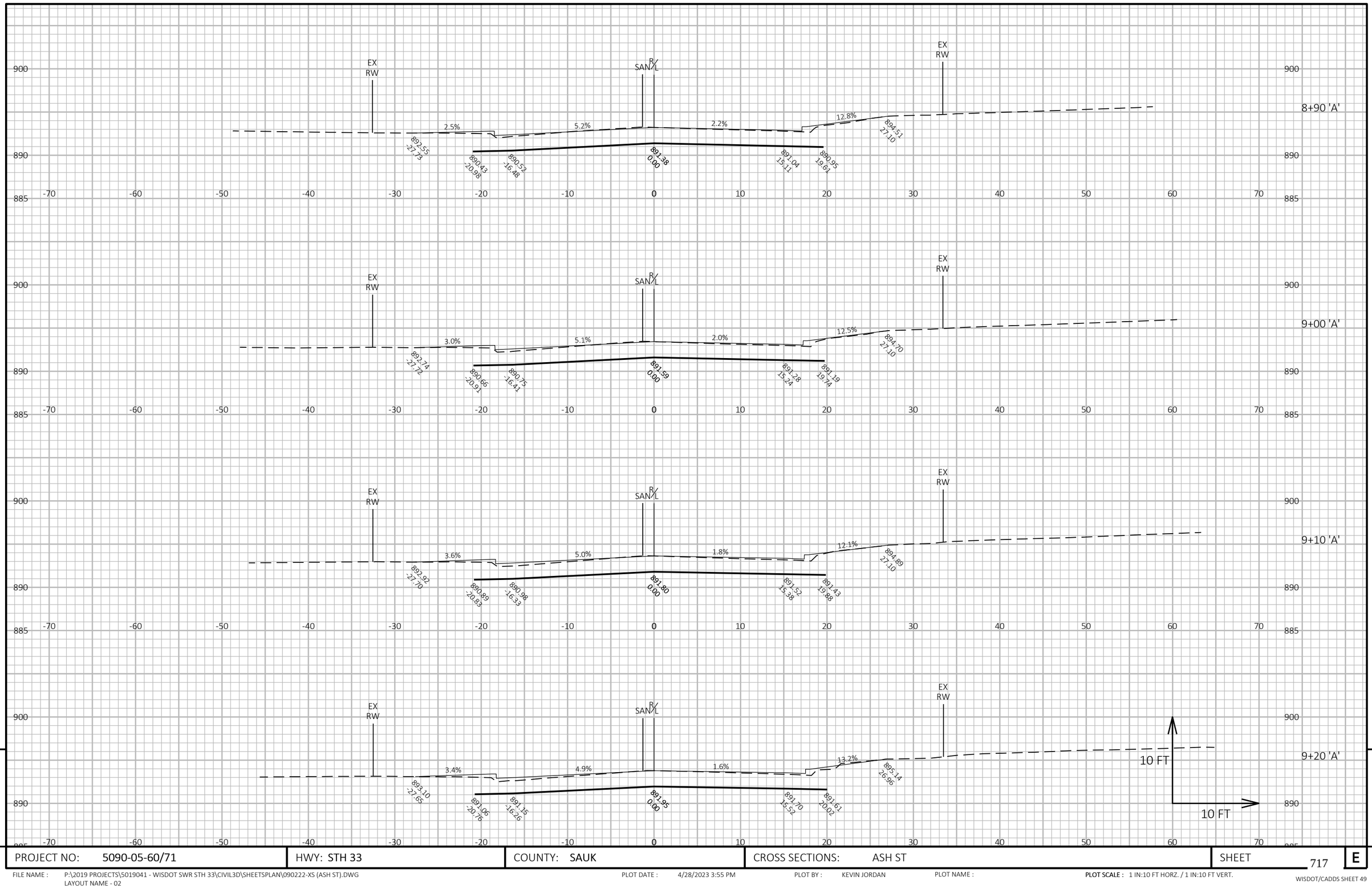
PLOT DATE : 4/28/2023 3:54 PM PLOT BY : KEVIN JORDAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

9



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: ASH ST	SHEET 717	E

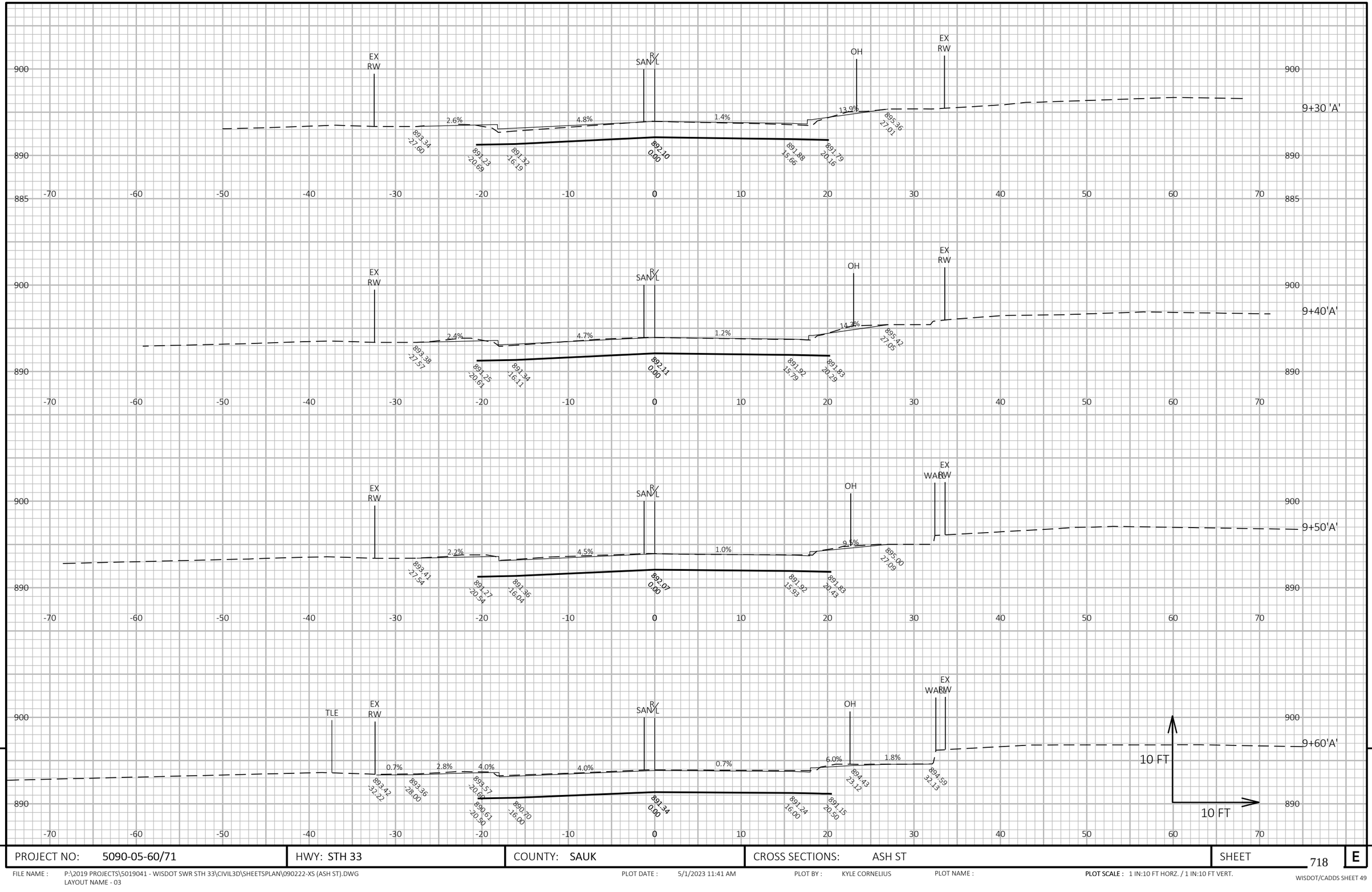
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090222-XS (ASH ST).DWG
LAYOUT NAME - 02

PLOT DATE : 4/28/2023 3:55 PM

PLOT BY : KEVIN JORDAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



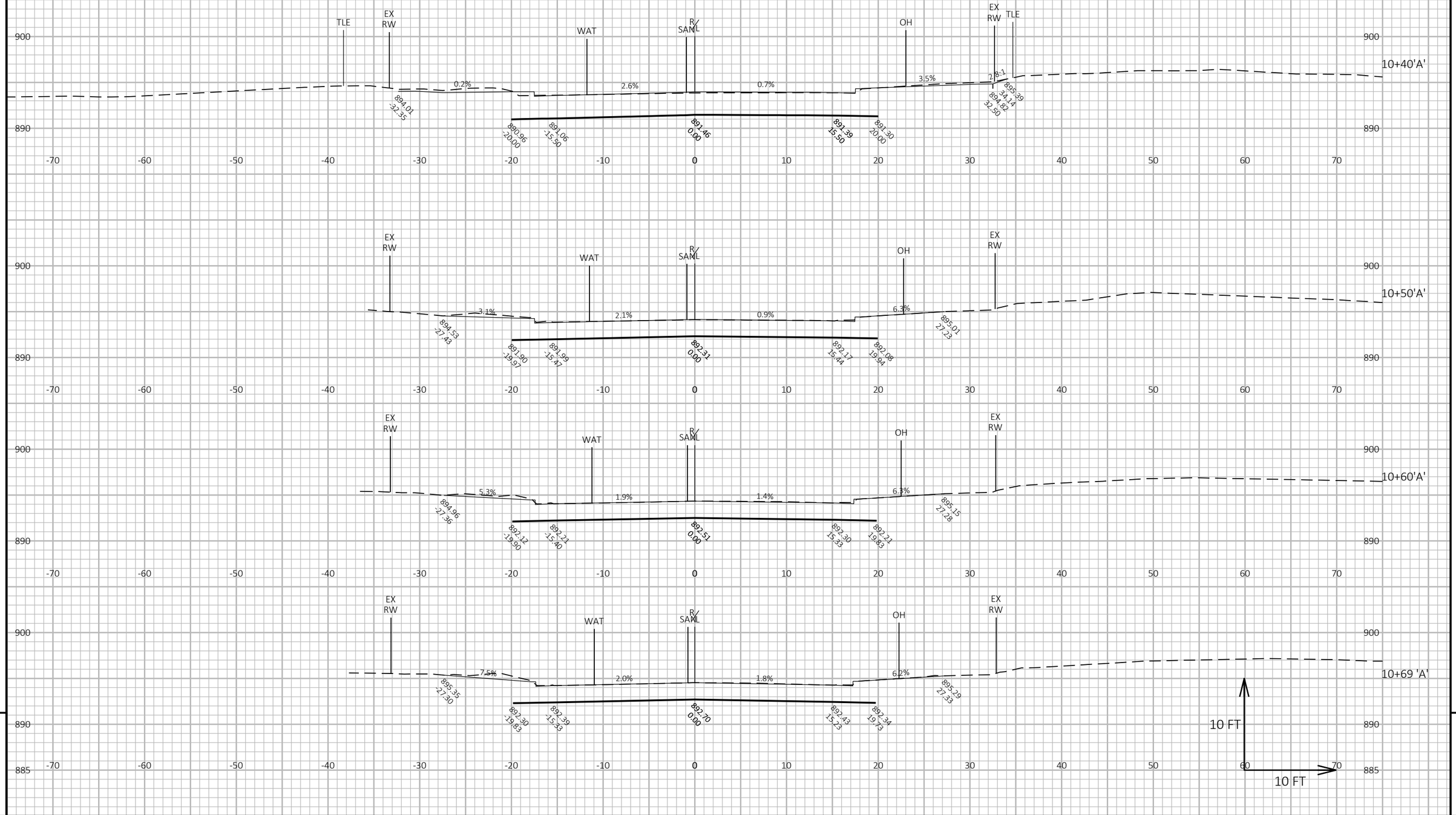
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: ASH ST	SHEET 718	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090222-XS (ASH ST).DWG
LAYOUT NAME - 03

PLOT DATE : 5/1/2023 11:41 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: ASH ST	SHEET 719	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090222-XS (ASH ST).DWG
LAYOUT NAME - 04

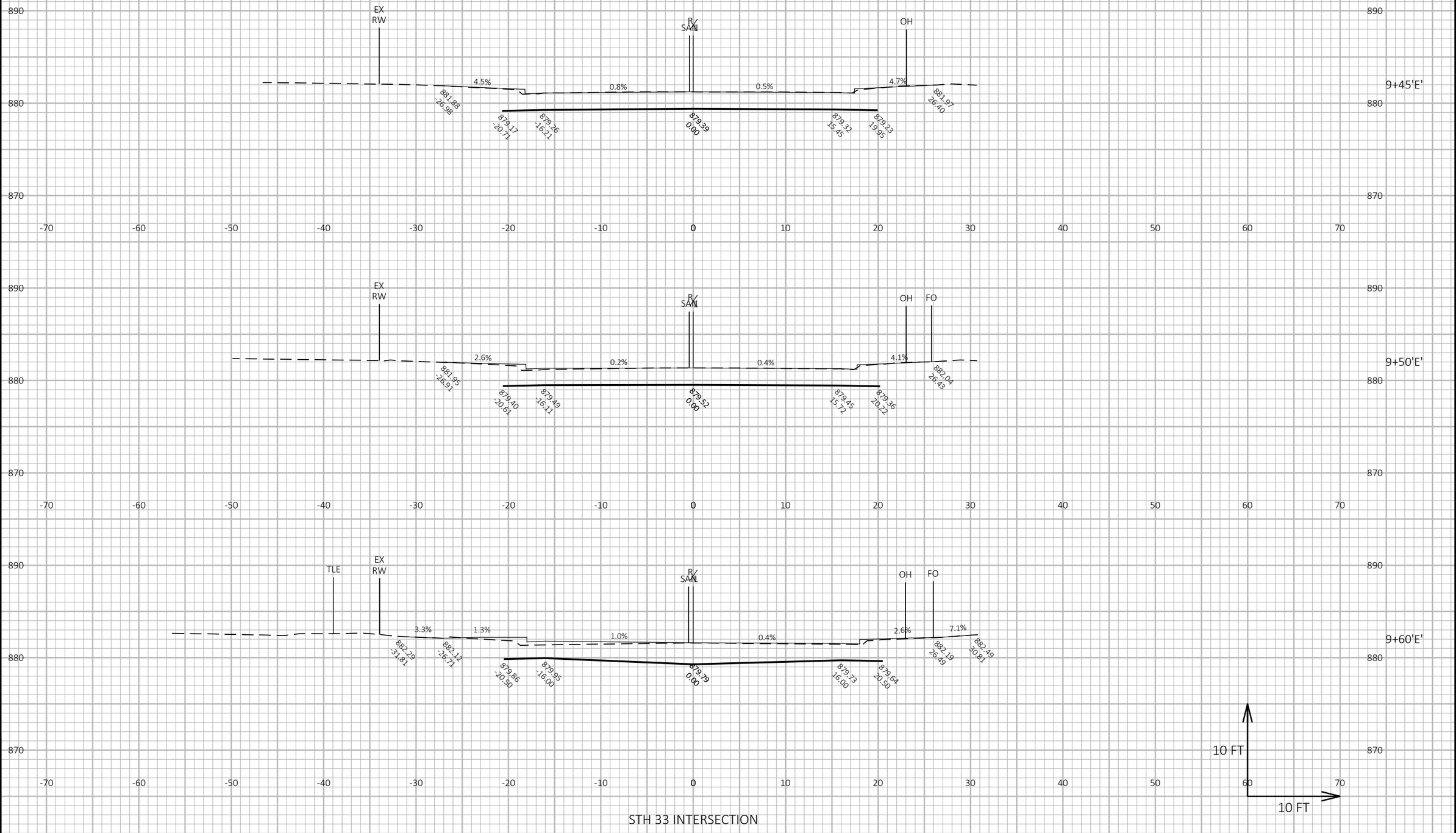
PLOT DATE : 5/1/2023 11:38 AM

PLOT BY : KYLE CORNELIUS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



STH 33 INTERSECTION

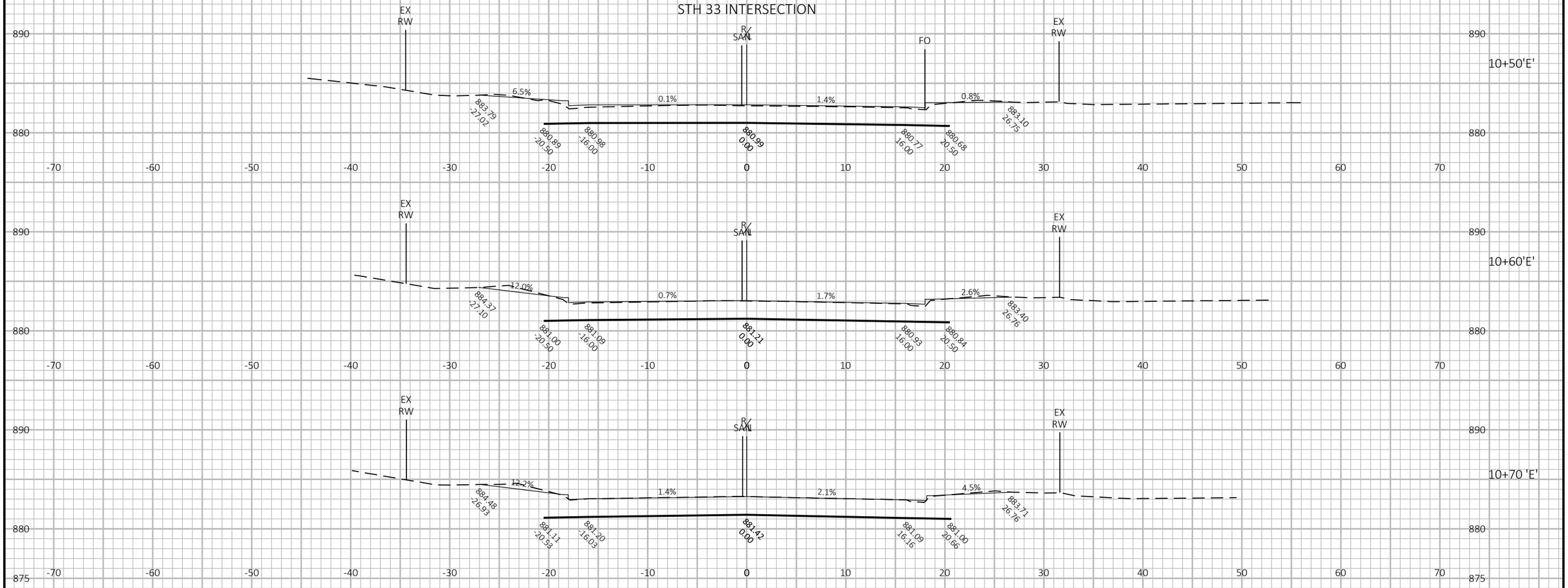
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: EAST ST	SHEET 720	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090223-XS (EAST ST).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 11:50 AM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION



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PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: EAST ST	SHEET 721	E

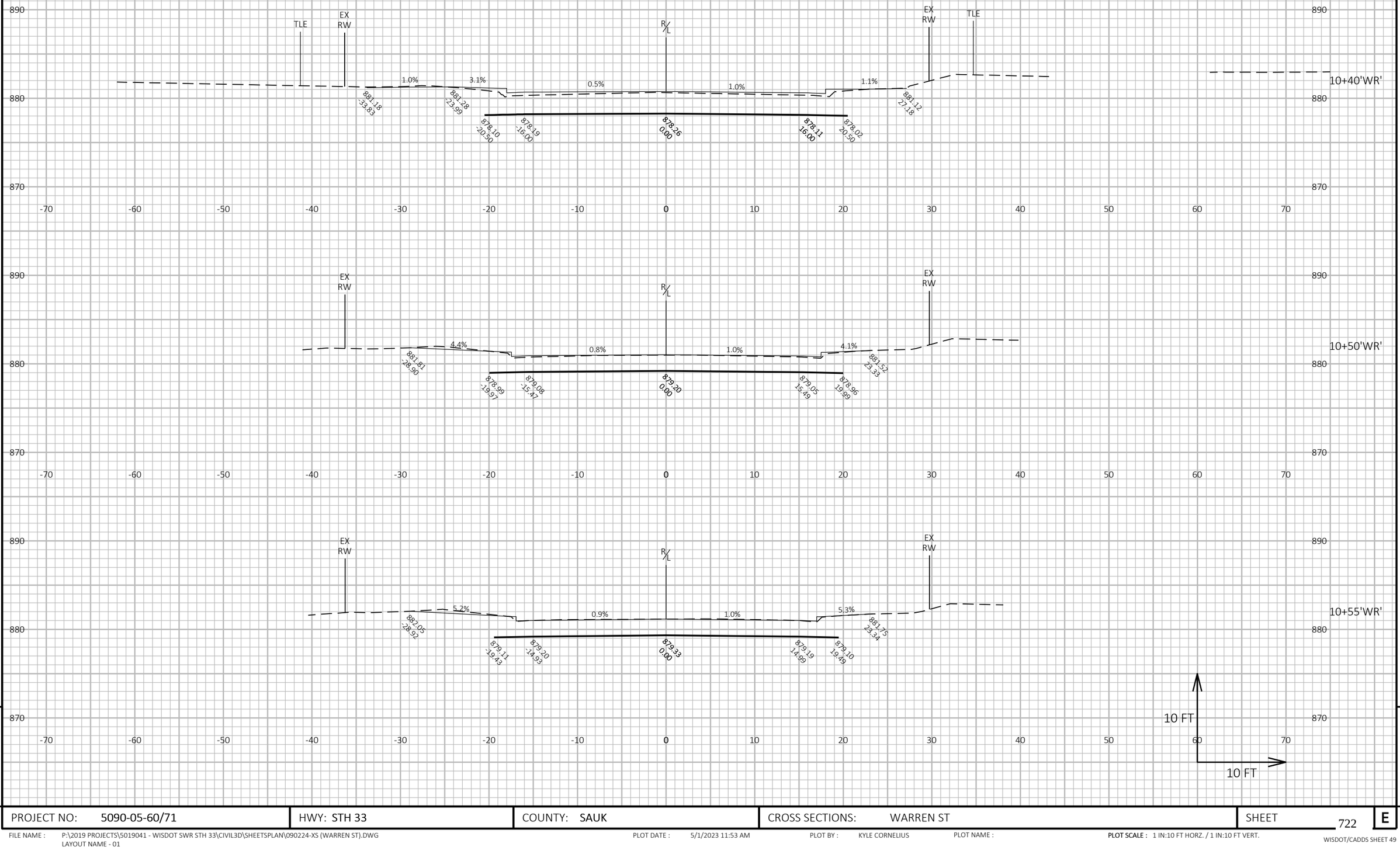
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090223-XS (EAST ST).DWG
LAYOUT NAME - 02

PLOT DATE : 5/1/2023 11:48 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION

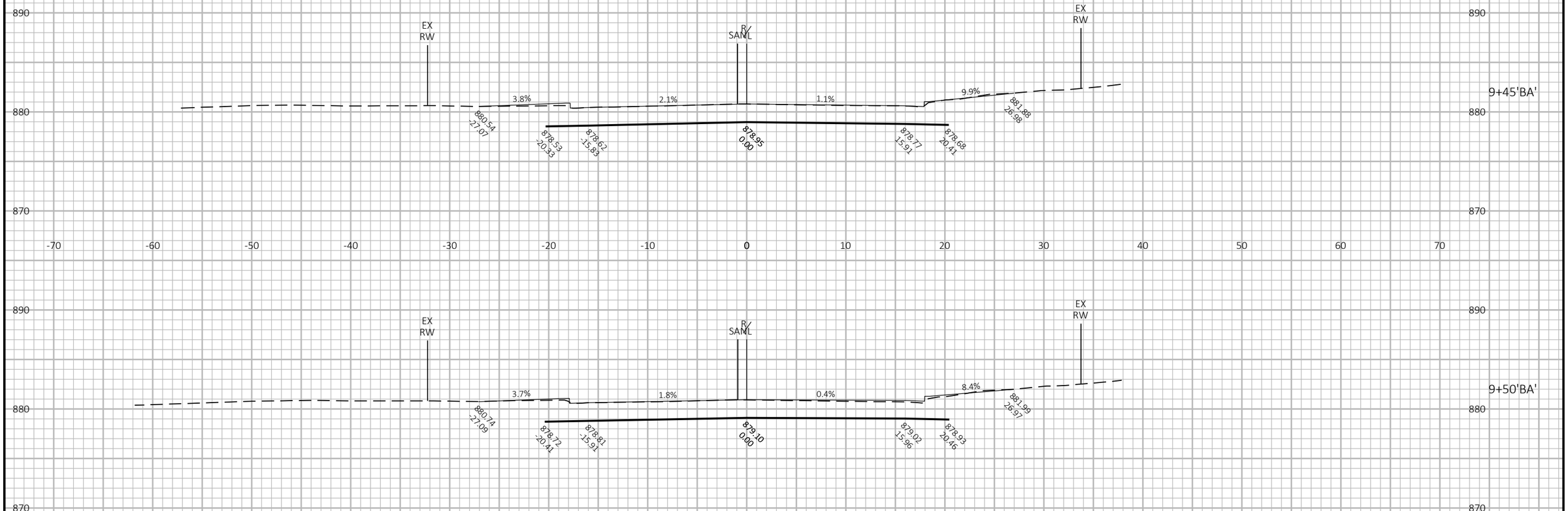


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: WARREN ST	SHEET 722 E

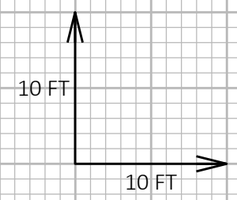
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090224-XS (WARREN ST).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 11:53 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



STH 33 INTERSECTION



9 9

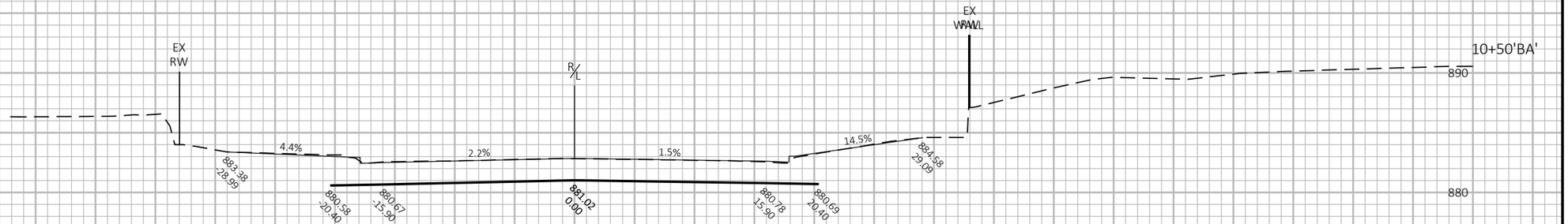
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: BARKER ST	SHEET 723	E

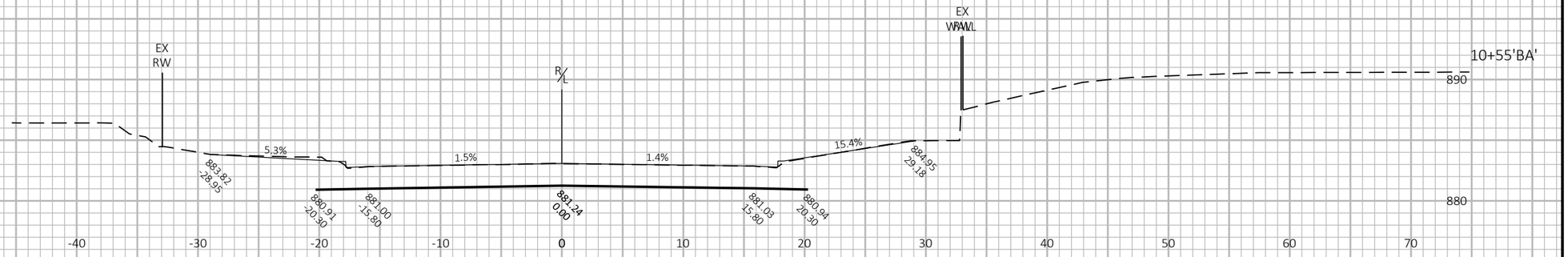
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090225-XS (BARKER ST).DWG
LAYOUT NAME - 01

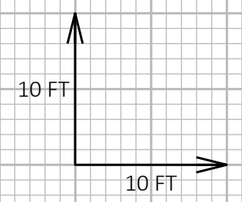
PLOT DATE : 4/28/2023 3:15 PM PLOT BY : KEVIN JORDAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION





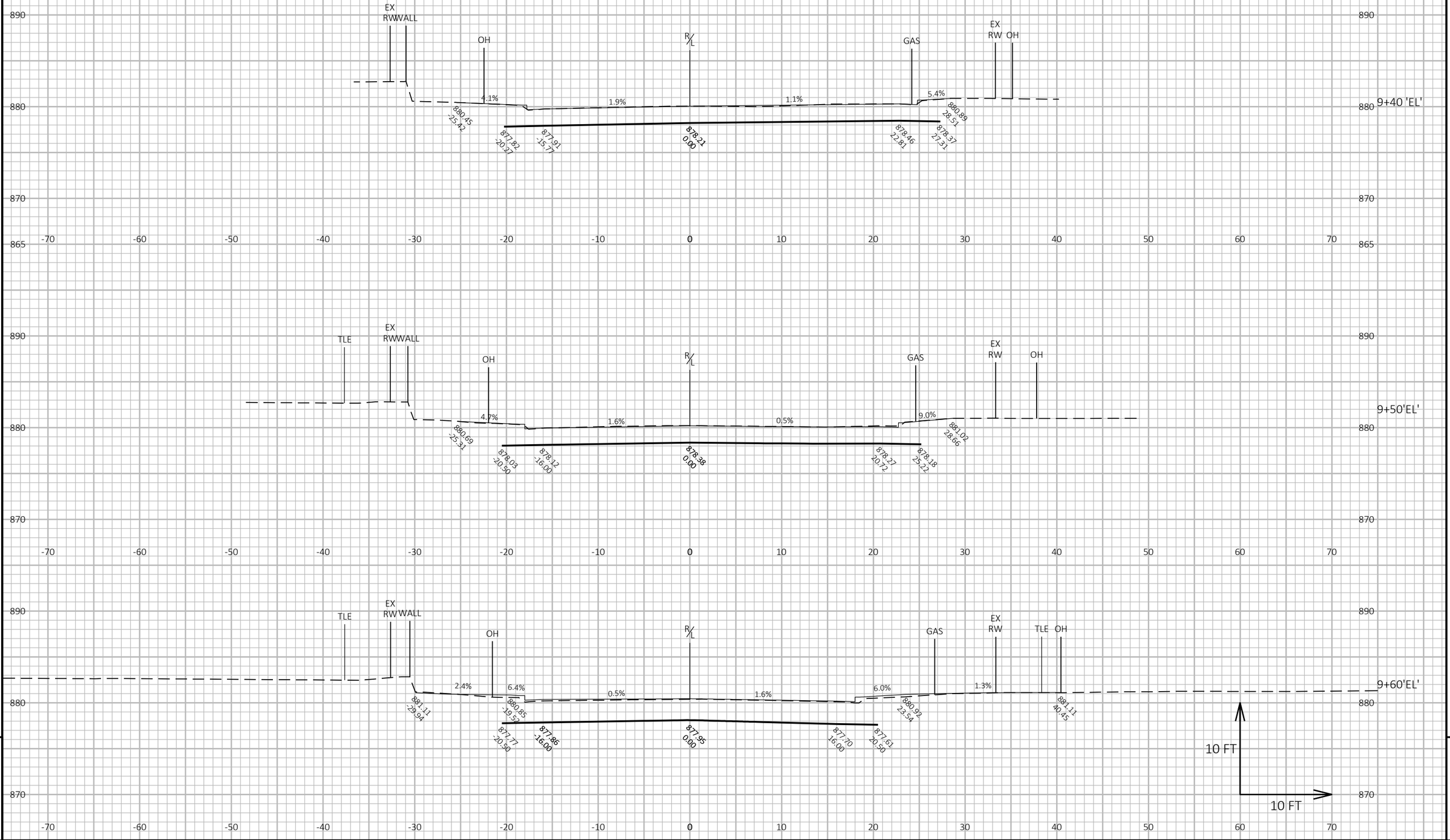


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: BARKER ST	SHEET 724	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090225-XS (BARKER ST).DWG
LAYOUT NAME - 02

PLOT DATE : 4/28/2023 3:15 PM PLOT BY : KEVIN JORDAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



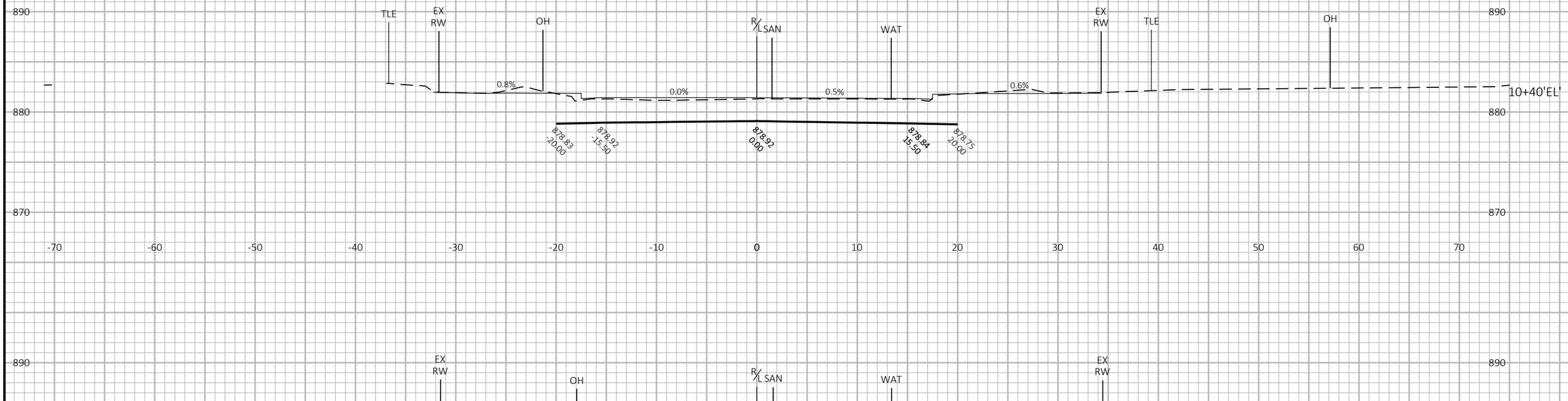
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: ELIZABETH ST	SHEET 725	E

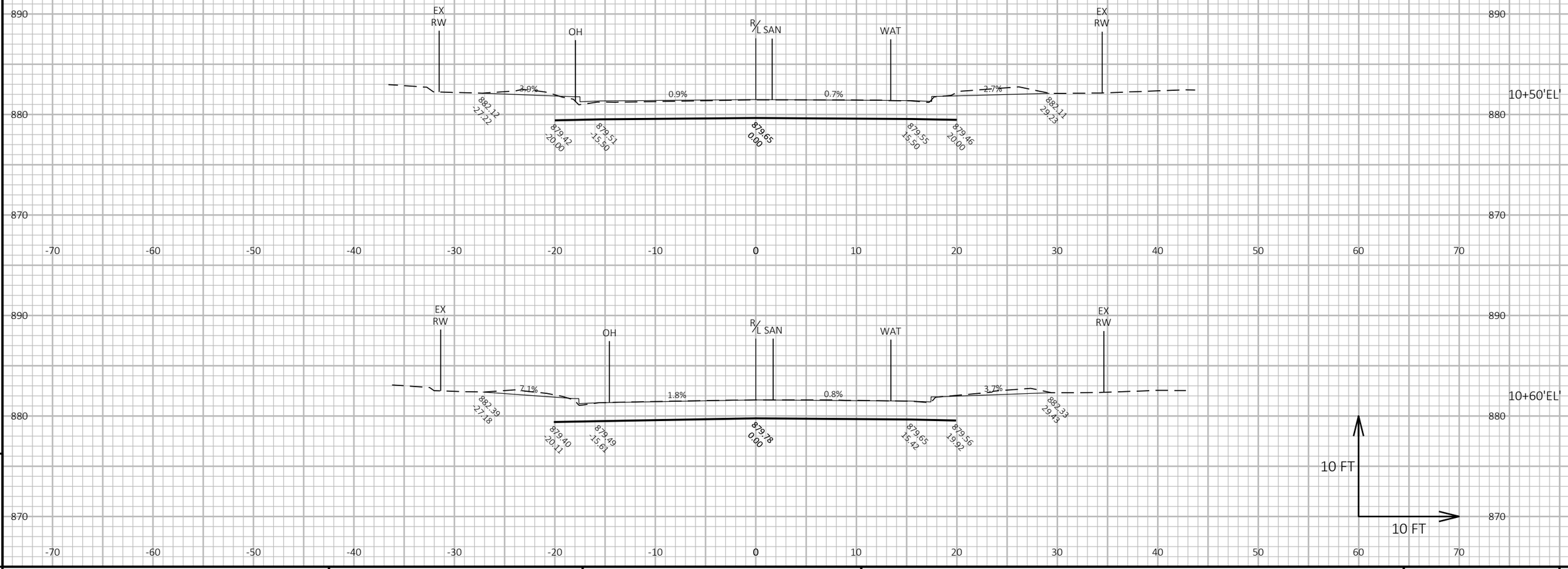
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090226-XS (ELIZABETH ST).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 11:57 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION





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9

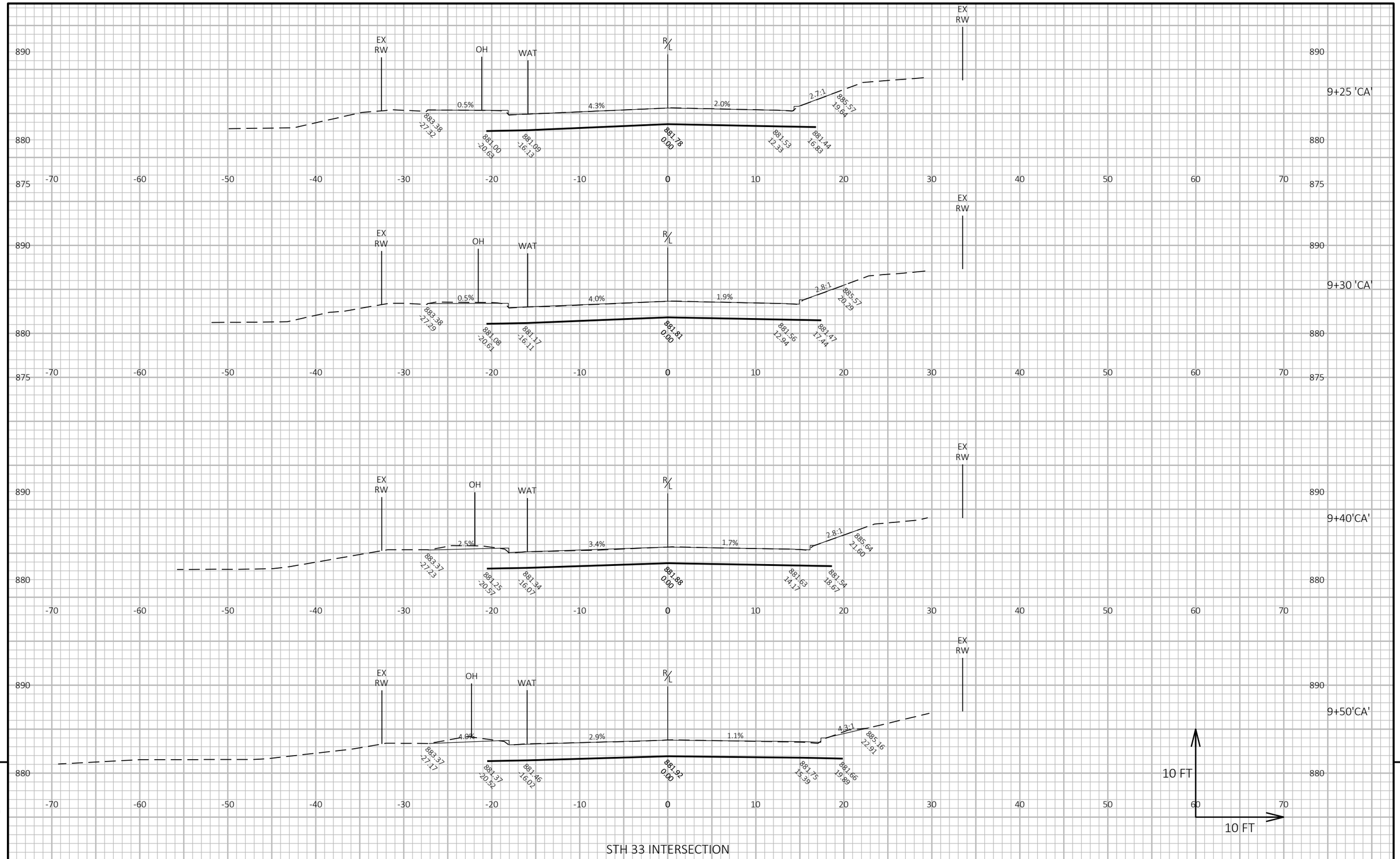
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: ELIZABETH ST	SHEET 726	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090226-XS (ELIZABETH ST).DWG
LAYOUT NAME - 02

PLOT DATE : 5/1/2023 11:55 AM PLOT BY : KYLE CORNELIUS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

STH 33 INTERSECTION

9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: CAMP ST	SHEET 727	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090227-XS (CAMP ST).DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 3:03 PM

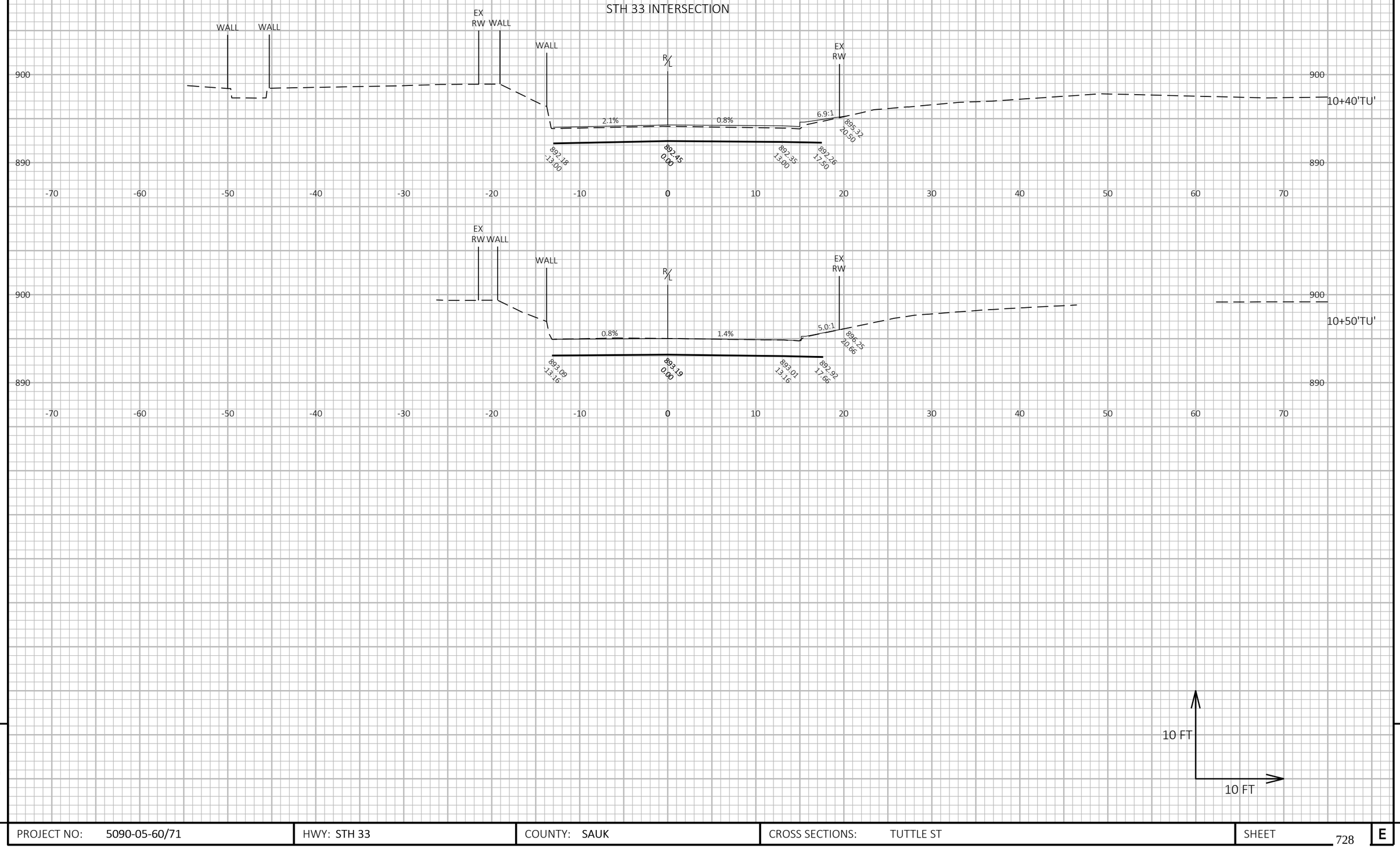
PLOT BY : KEVIN JORDAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION

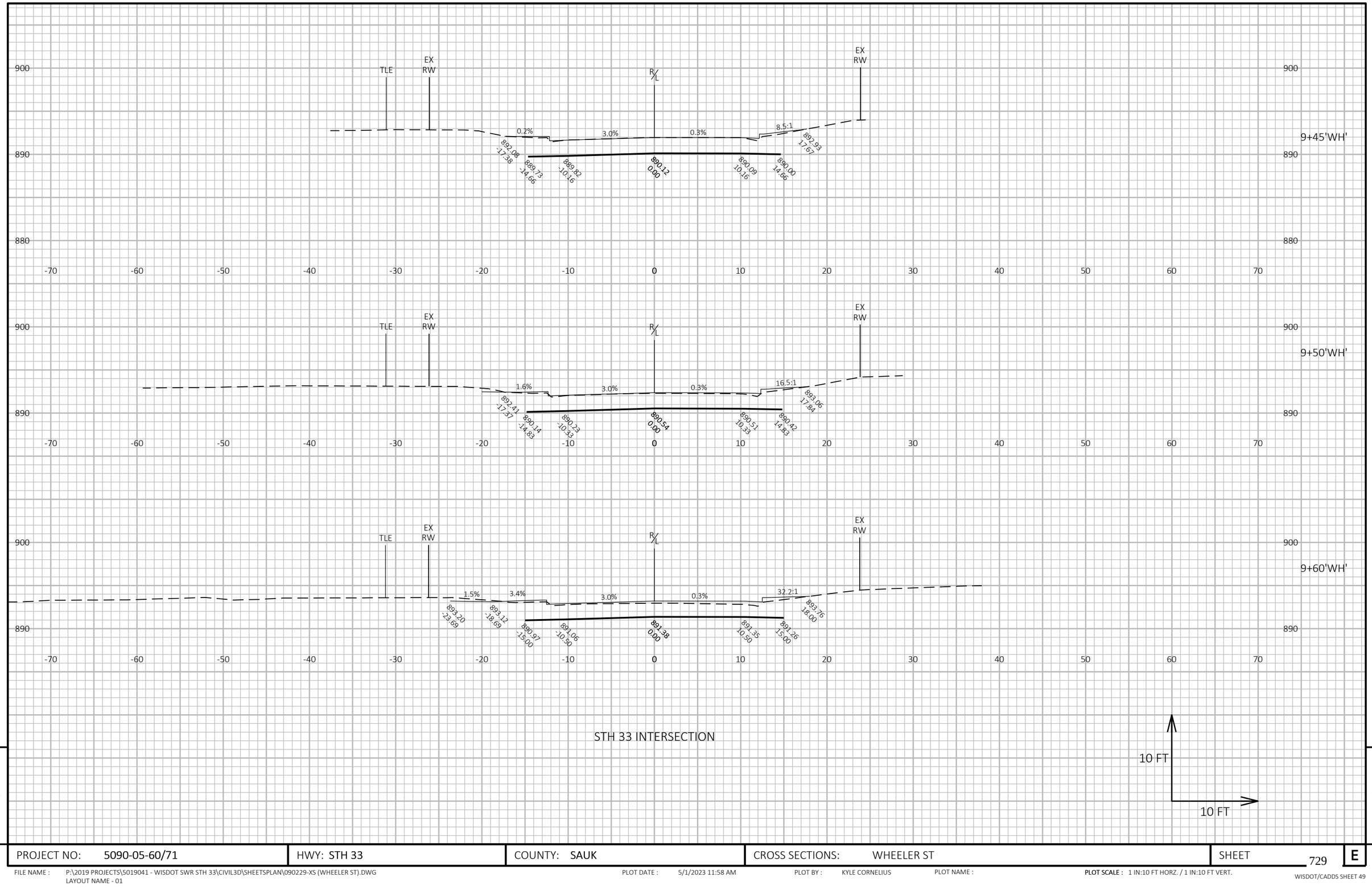


PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: TUTTLE ST	SHEET 728	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090228-XS (TUTTLE ST).DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 2:49 PM PLOT BY : KEVIN JORDAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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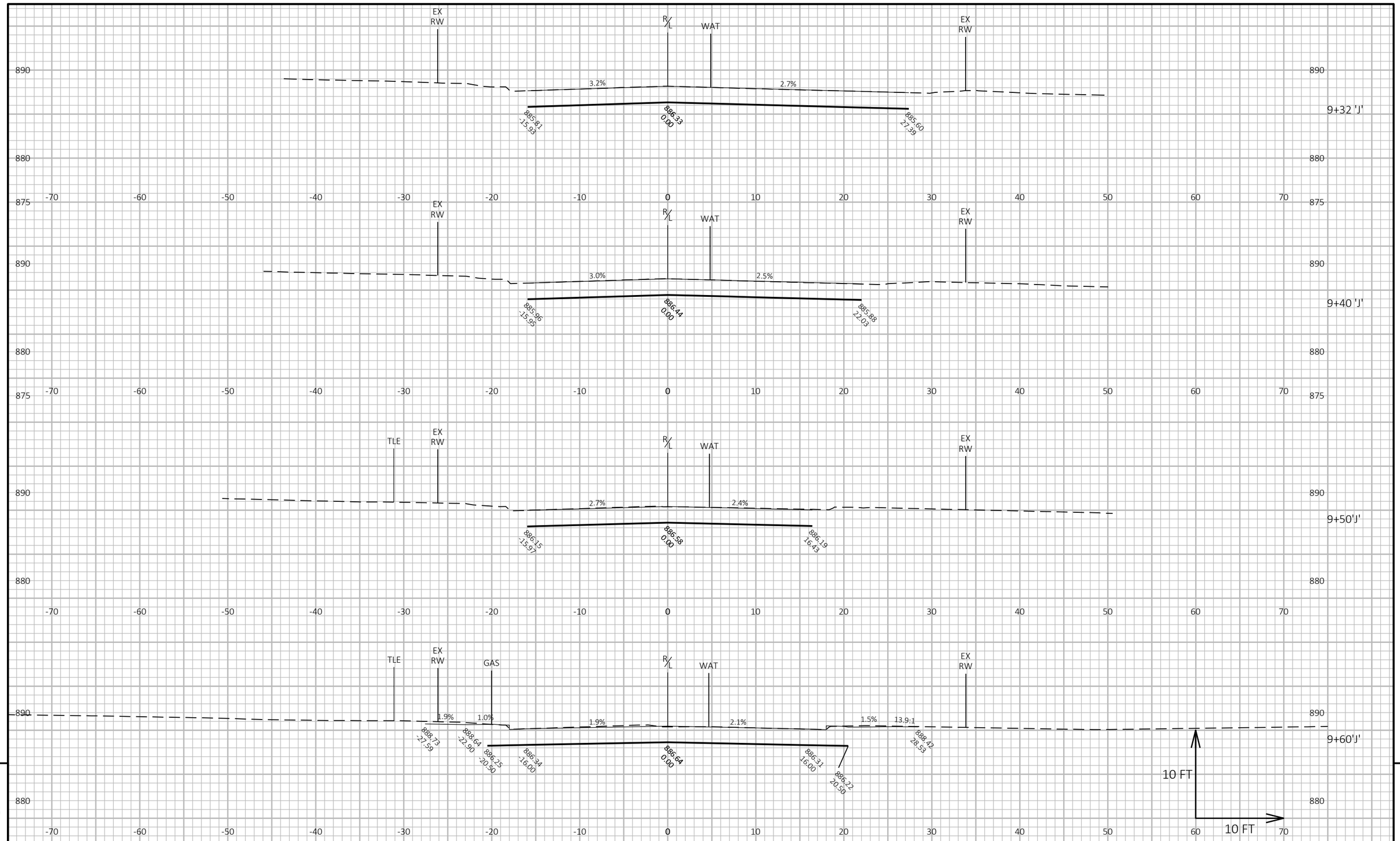
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: WHEELER ST	SHEET 729	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090229-XS (WHEELER ST).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 11:58 AM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



STH 33 INTERSECTION

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: JEFFERSON ST	SHEET 730	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090230-XS (JEFFERSON ST).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 12:01 PM PLOT BY : KYLE CORNELIUS PLOT NAME :

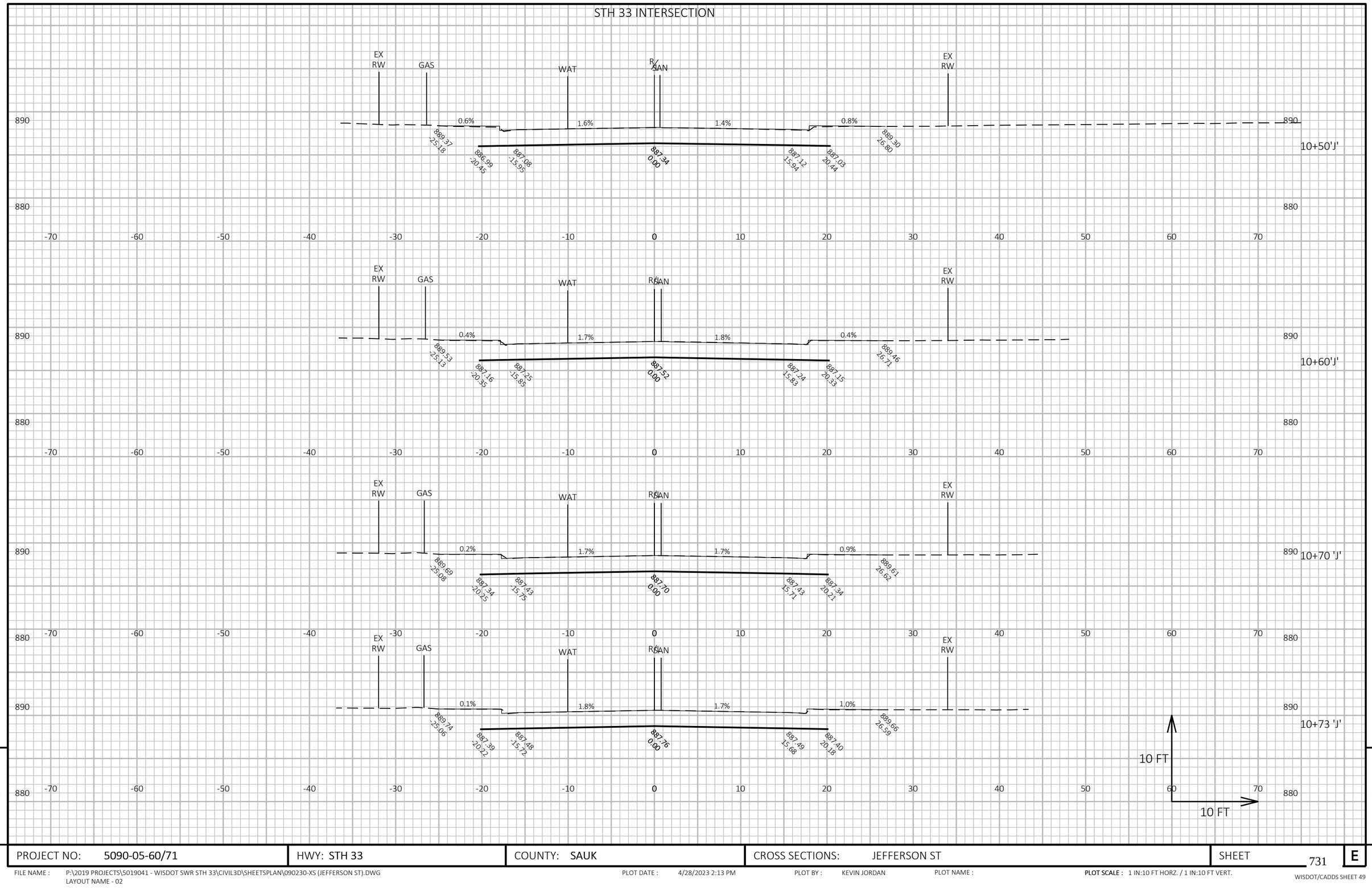
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

9

STH 33 INTERSECTION



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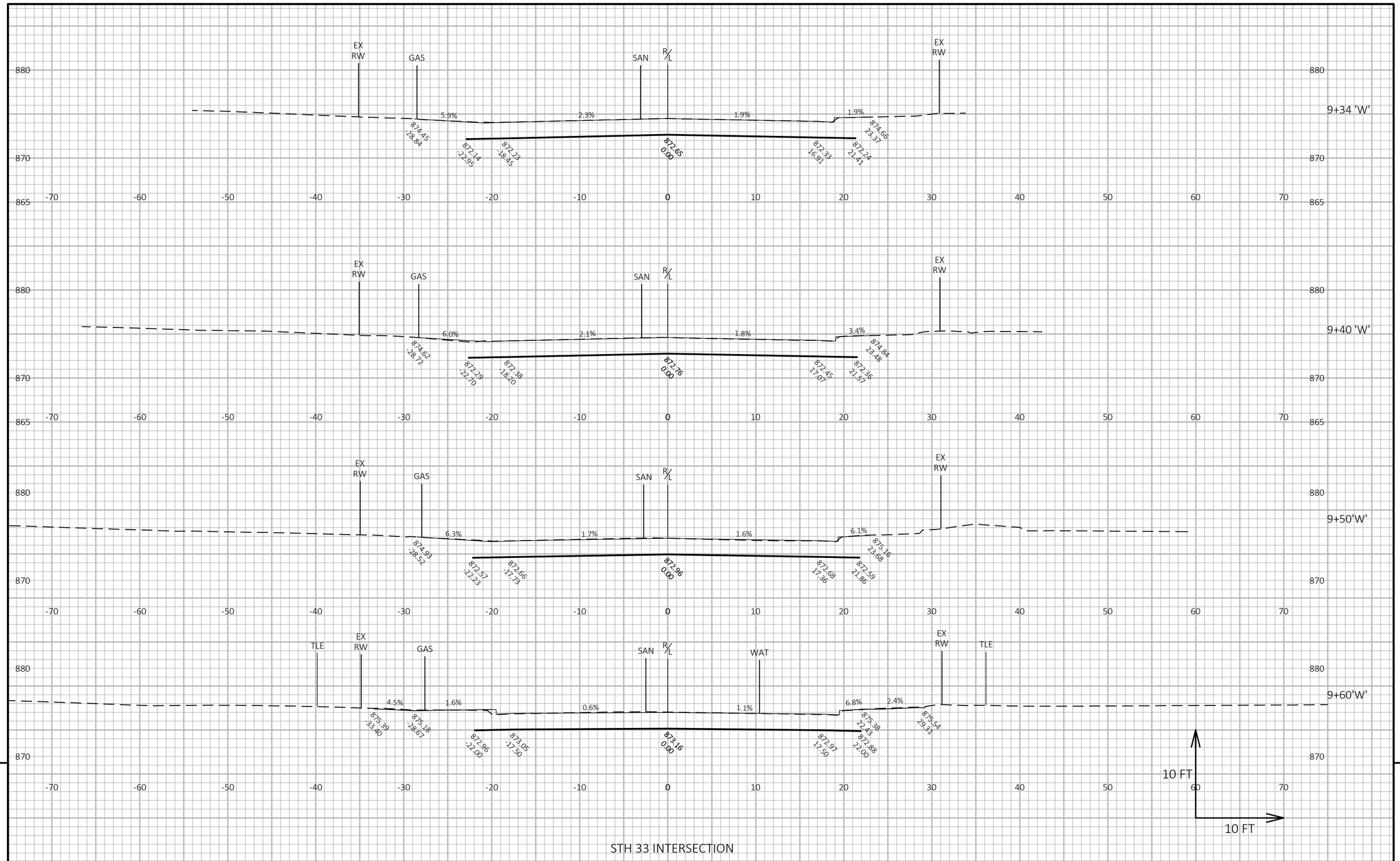
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: JEFFERSON ST	SHEET 731	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090230-XS (JEFFERSON ST).DWG
LAYOUT NAME - 02

PLOT DATE : 4/28/2023 2:13 PM PLOT BY : KEVIN JORDAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



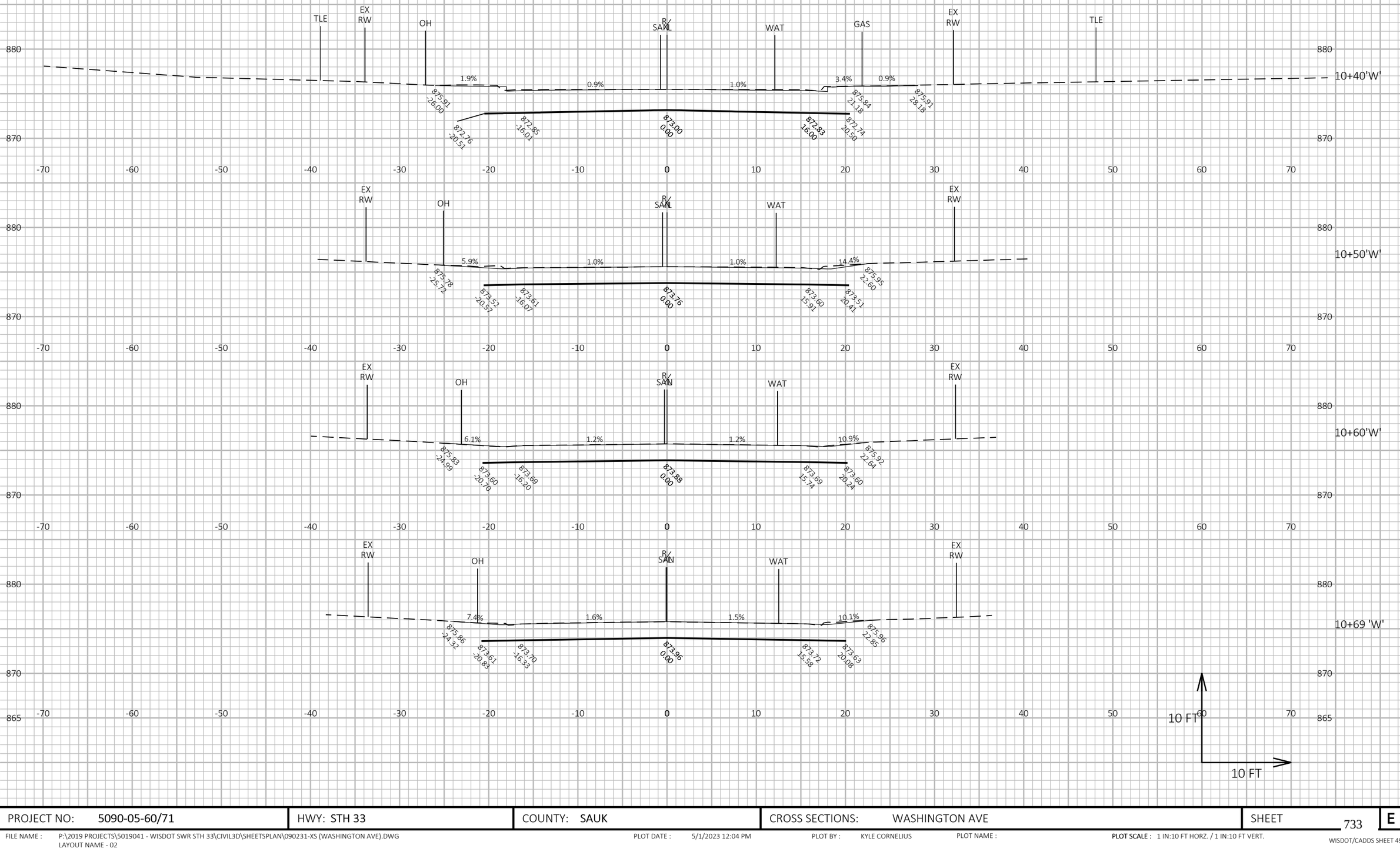
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: WASHINGTON AVE	SHEET 732	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090231-XS (WASHINGTON AVE).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 12:04 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION



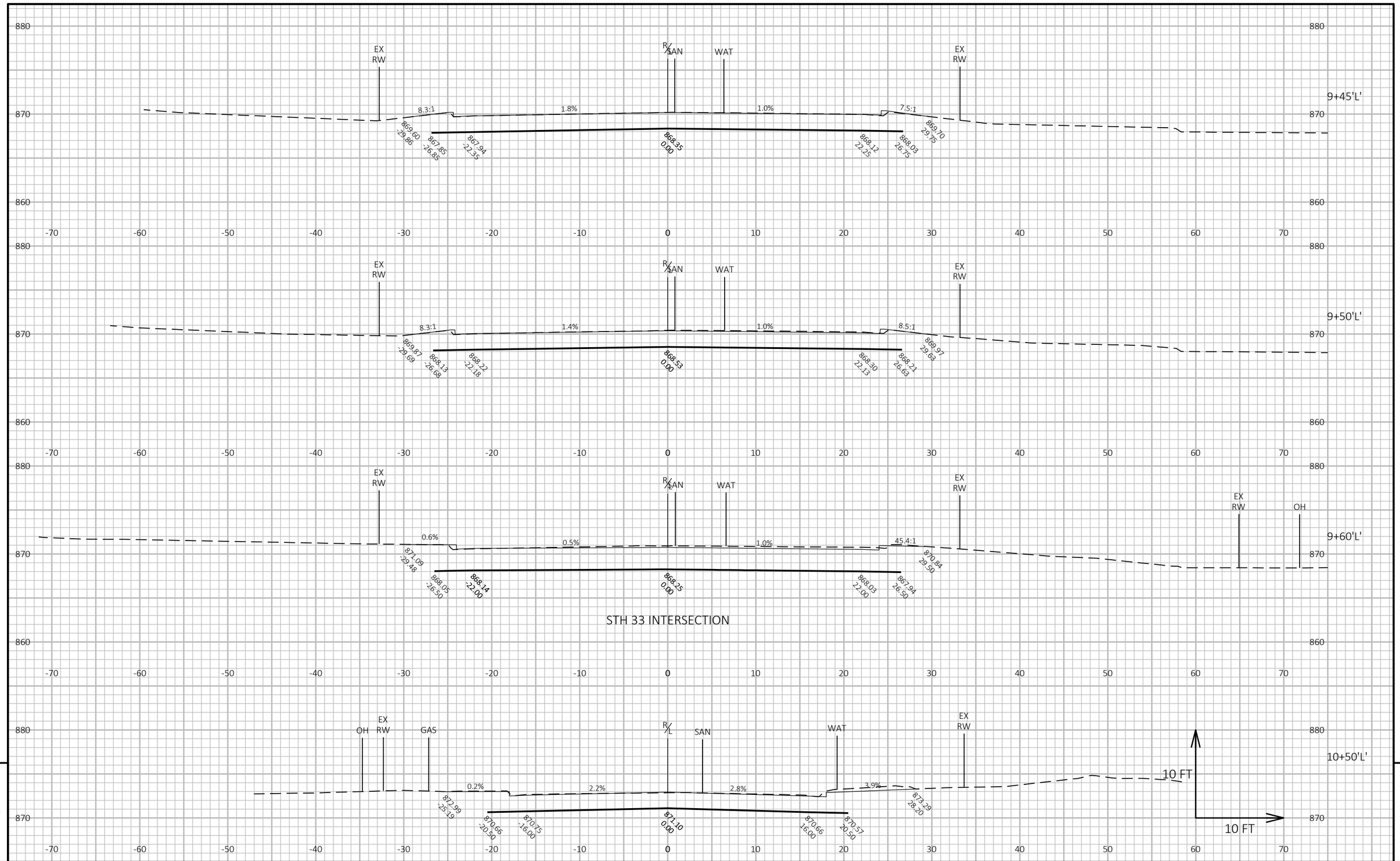
PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: WASHINGTON AVE	SHEET 733	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090231-XS (WASHINGTON AVE).DWG
LAYOUT NAME - 02

PLOT DATE : 5/1/2023 12:04 PM PLOT BY : KYLE CORNELIUS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9 9



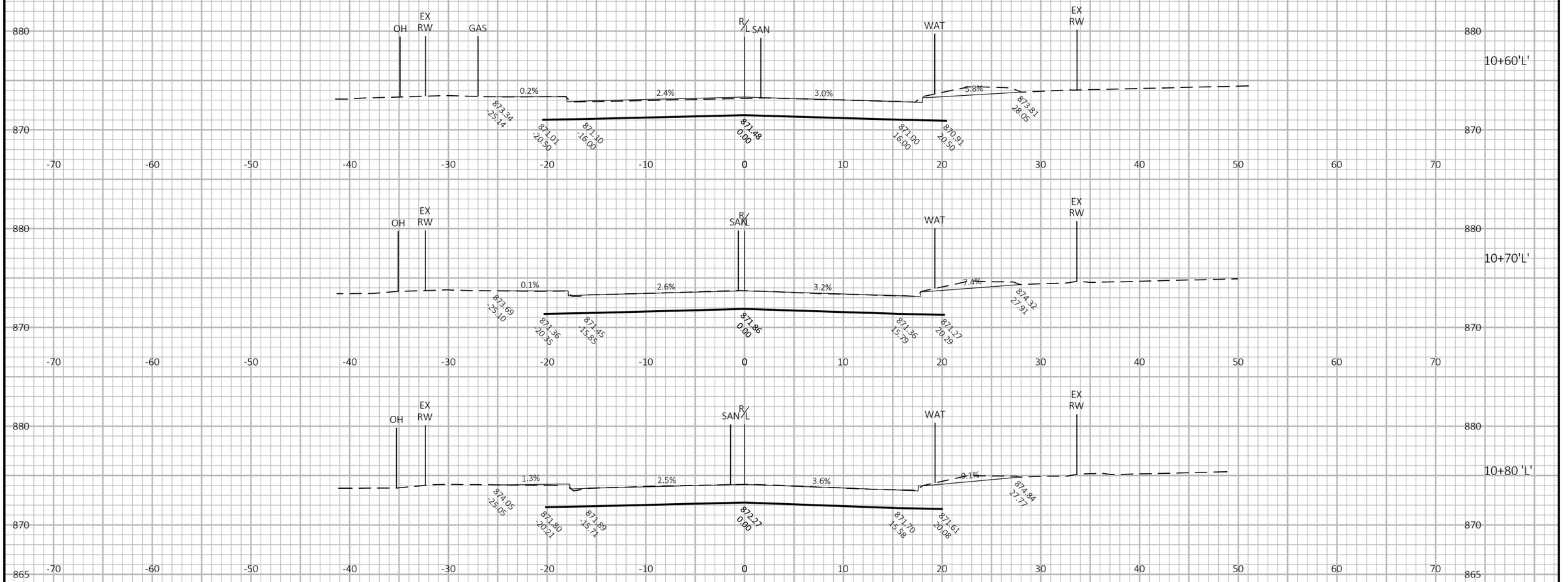
9

9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: LINCOLN AVE	SHEET 734	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090232-XS (LINCOLN AVE).DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 12:06 PM PLOT BY : KYLE CORNELIUS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: LINCOLN AVE	SHEET 735	E

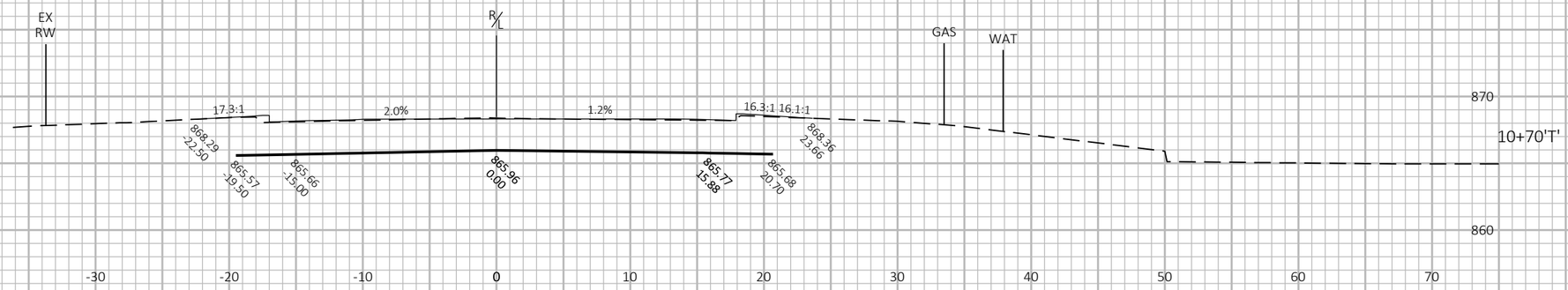
FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090232-XS (LINCOLN AVE).DWG
LAYOUT NAME - 02

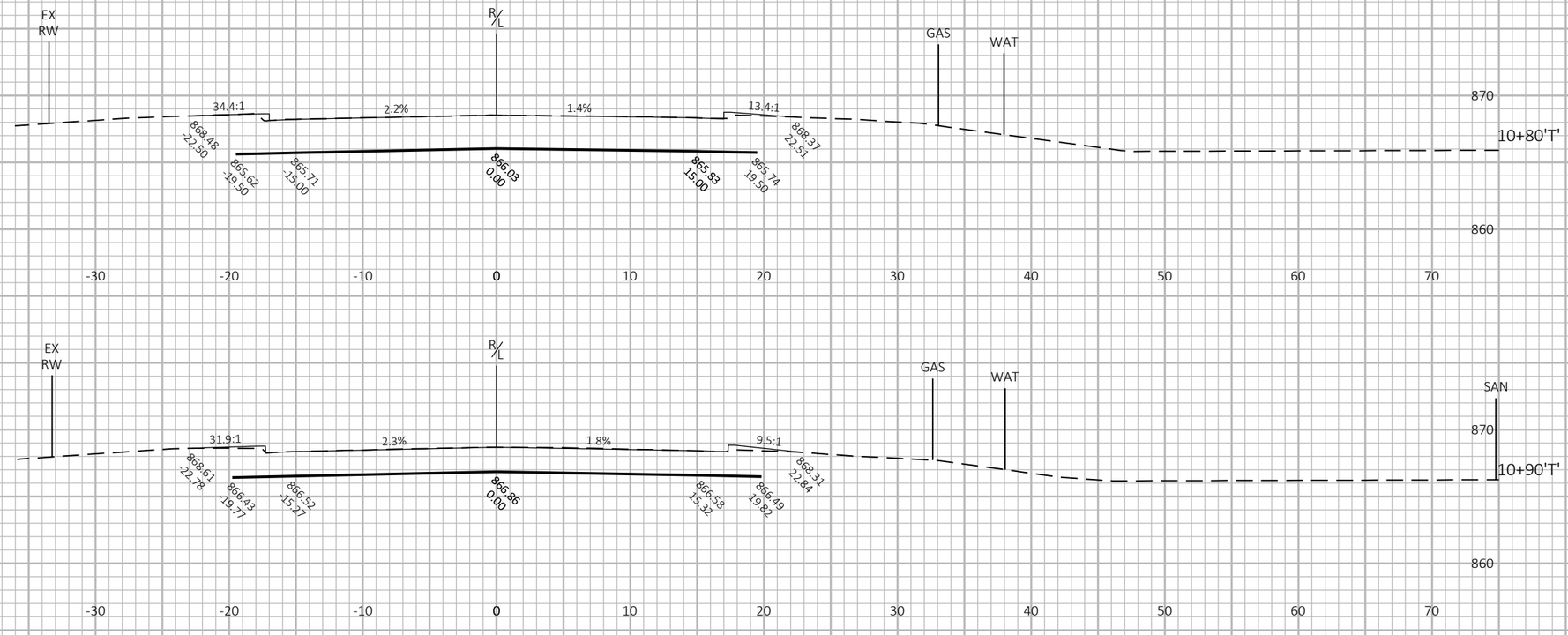
PLOT DATE : 4/28/2023 1:28 PM PLOT BY : KEVIN JORDAN PLOT NAME :

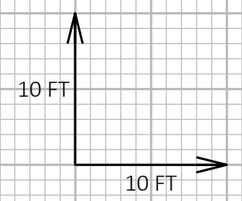
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STH 33 INTERSECTION







9

9

PROJECT NO: 5090-05-60/71	HWY: STH 33	COUNTY: SAUK	CROSS SECTIONS: TAFT AVE	SHEET 736	E

FILE NAME : P:\2019 PROJECTS\5019041 - WISDOT SWR STH 33\CIVIL3D\SHEETSPLAN\090233-XS (TAFT AVE).DWG
LAYOUT NAME - 01

PLOT DATE : 4/28/2023 1:14 PM PLOT BY : KEVIN JORDAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov

MAD

AUGUST 2023

PROJECT ID: **5090-05-61**

WITH: 5090-05-60, 5090-05-71, & 5090-05-72

COUNTY: **SAUK**

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
~~Section No.~~	~~4~~	~~Right-of-Way Plat~~
Section No.	5	Plan and Profile
~~Section No.~~	~~6~~	~~Standard Detail Drawings~~
~~Section No.~~	~~7~~	~~Sign Plans~~
~~Section No.~~	~~8~~	~~Structure Plans~~
~~Section No.~~	~~9~~	~~Computer Earthwork Data~~
~~Section No.~~	~~9~~	~~Cross Sections~~

TOTAL SHEETS = 18

02

DESIGN DESIGNATION

A.A.D.T.	2021	=	12,500
A.A.D.T.	2041	=	13,700
D.H.V.		=	1,274 VPD
D.D.		=	59/41
T.		=	10.8%
DESIGN SPEED		=	30 MPH
ESALS		=	2,400,000

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

REEDSBURG - BARABOO

W MULBERRY ST TO E V LIMITS

STH 33

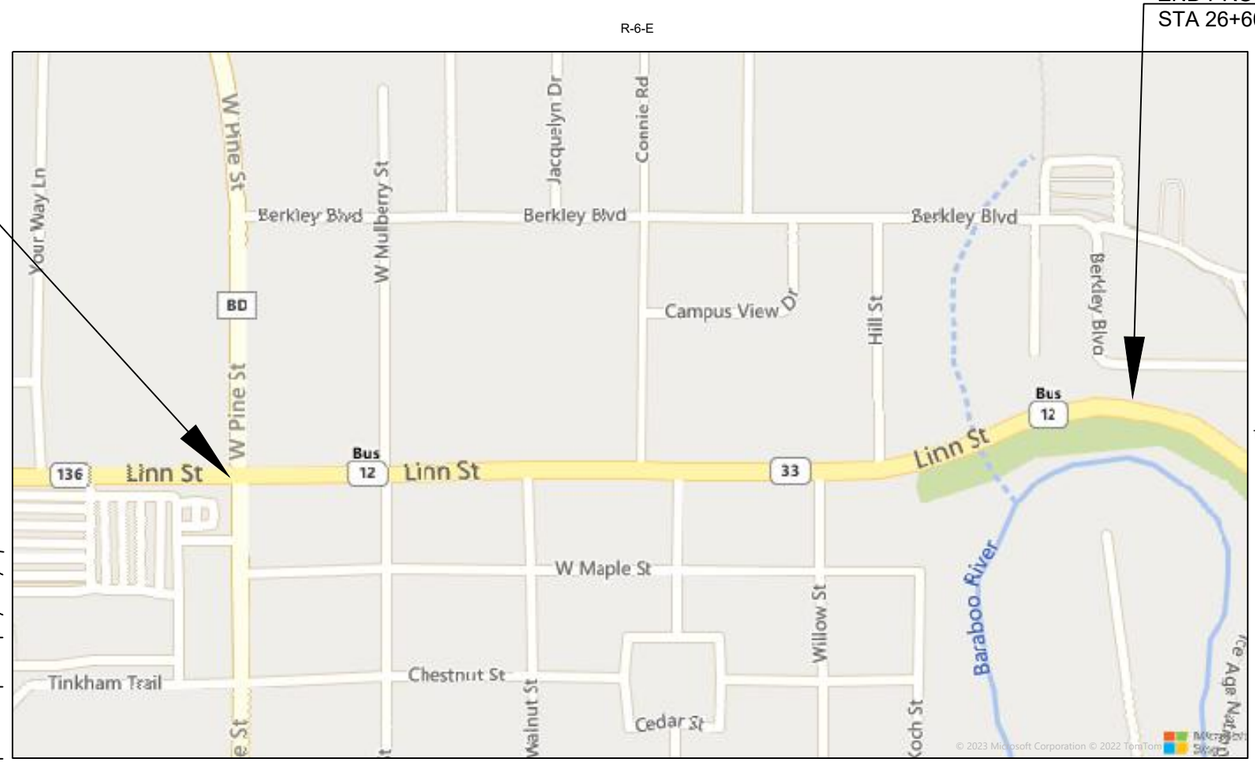
SAUK COUNTY

STATE PROJECT NUMBER
5090-05-61

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5090-05-61	———	—

END PROJECT 5090-05-61
STA 26+60.00

BEGIN PROJECT 5090-05-61
STA 4+00.00



LAYOUT

SCALE 0 500 FT

PROJECT ID 5090-05-60 NET LENGTH OF CENTERLINE = 0.428 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.428 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), SAUK **COUNTY**, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 18.

5090-05-61 ACCEPTED FOR

Date 04/20/23 William H. Clary
(Signature and Title of Official)

ORIGINAL PLANS PREPARED BY

MSA

WISCONSIN
BRAD J. STUCZYNSKI
E-39160-006
BARABOO
WI
PROFESSIONAL ENGINEER

DATE: 4/20/23 Brad Stuczynski
(Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	ONEIDA ENGINEERING SOLUTIONS
Designer	MSA PROFESSIONAL SERVICES
Project Manager	GREG BRECKA
Regional Examiner	SW REGION
Regional Supervisor	MARC SCHWEIGER

APPROVED FOR THE DEPARTMENT

DATE: 4/24/23 (Signature)

E

FILE NAME : \\MSA-PS.COM\FS\PROJECT\00\00082\00082082\CADD\C3D\SHEETSPLAN\010101-TI.DWG

PLOT DATE : 4/20/2023 9:33 AM

PLOT BY : ZACH ADAMS

PLOT NAME :

2

GENERAL NOTES

WHERE WATER MAIN CROSSES UNDER STORM SEWER, MAINTAIN A MINIMUM OF 18-INCHES OF SEPARATION AND PLACE ONE SHEET OF RIGID INSULATION.

ORDER OF SECTION 2 SHEETS

GENERAL NOTES
UTILITY DETAILS

DNR LIAISON

ANDY BARTA
ENVIRONMENTAL ANALYSIS & REVIEW SPECIALIST
WISCONSIN DEPT. OF NATURAL RESOURCES
SOUTH CENTRAL REGION HEADQUARTERS
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
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ANDREW.BARTA@WISCONSIN.GOV

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JOSHUALOBENSTEIN@ALLIANTENERGY.COM

ALLIANT ENERGY - GAS/PETROLEUM
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BARABOO, WI 53913
(608) 356-0671
JOSHUALOBENSTEIN@ALLIANTENERGY.COM

BRIGHTSPEED N CTRL W - COMM
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144 N. PEARL ST
BERLIN, WI 54923
(608) 716-5964
SCOTT.HEINZELMAN@BRIGHTSPEED.COM

SPECTRUM - COMM
TERRY BLAKE
E10704 WIS33
BARABOO, WI 53913
(608) 576-9208
TERRY.BLAKE@CHARTER.COM

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WADE PETERSON
450 ROUNDHOUSE COURT
BARABOO, WI 53913
(608) 355-2740
WPETERSON@CITYOFBARABOO.COM

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501 UTILITY COURT
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REEDSBURG, WI 53959
(608) 768-6450
KLAS@RUCLS.NET

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IAN CRAMMOND
510 BROADWAY
BARABOO, WI 53913
(608) 355-4415
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BARABOO, WI 53913
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IAN.CRAMMOND@SAUKCOUNTYWI.GOV

VILLAGE OF WEST BARABOO - WATER & SEWER
WILLIAM CLARY
500 CEDAR STREET
P.O. BOX 261
WEST BARABOO, WI 53913
(608) 356-2516
W.CLARY@VILLAGEOFWESTBARABOO.US

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

STANDARD ABBREVIATIONS

AGG	AGGREGATE
ASPH.	ASPHALTIC
BM	BENCH MARK
CE	COMMERCIAL ENTRANCE
C/L	CENTER LINE
CMCP	CORRUGATED METAL CULVERT PIPE
CMP	CORRUGATED METAL PIPE
CO.	COUNTY
CTH	COUNTRY TRUNK HIGHWAY
CONC	CONCRETE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CY	CUBIC-YARD
C&G	CURB AND GUTTER
DIA.	DIAMETER
EB	EASTBOUND
EL	ELEVATION
EXIST	EXISTING
F.E.	FIELD ENTRANCE
HMA	HOT MIX ASPHALT
INV	INVERT
LT	LEFT
M/L	MATCHLINE
NB	NORTHBOUND
PAV'T	PAVEMENT
P.C.	POINT OF CURVATURE
PE	PRIVATE ENTRANCE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
R	RADIUS OF CURVE
R/L	REFERENCE LINE
REQ'D	REQUIRED
RT	RIGHT
R/W	RIGHT OF WAY
SB	SOUTHBOUND
SHLD.	SHOULDER(S)
STA.	STATION
SY	SQUARE YARD
TWLTL	TWO-WAY LEFT TURN LANE
TYP	TYPICAL
V.C.L.	VERTICAL CURVE LENGTH
V.P.C.	VERTICAL POINT OF CURVATURE
V.P.I .	VERTICAL POINT OF INTERSECTION
V.P.T.	VERTICAL POINT OF TANGENCY
WB	WESTBOUND

DESIGN CONTACTS

GREG BRECKA
PROJECT MANAGER
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2101 WRIGHT STREET
MADISON, WI 53704-2559
(608) 516-6524
GREGORY.BRECKA@DOT.WI.GOV

BRETT PETERSON
PROJECT DESIGNER
ONEIDA ENGINEERING SOLUTIONS
5100 EASTPARK BOULEVARD, SUITE 300
MADISON, WI 53718
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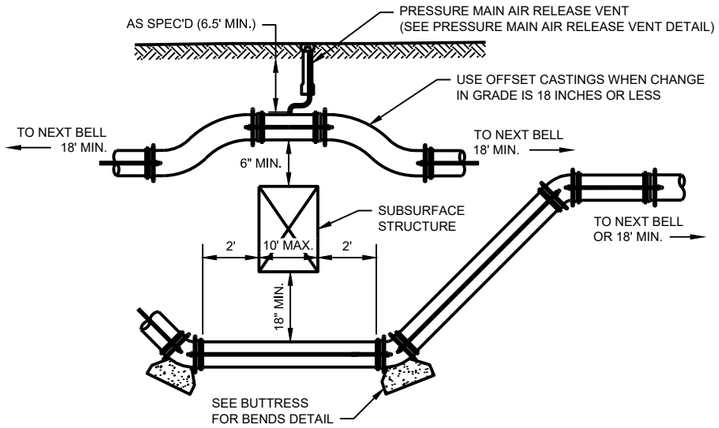
BPETERSON@OESLLC.COM

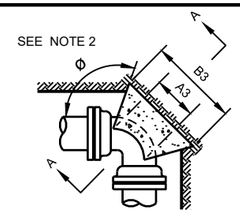
VILLAGE OF WEST BARABOO -SANITARY AND WATER MAIN AND LIGHTING PLANS:
BRAD STUCZYNSKI, MSA
1230 SOUTH BOULEVARD
BARABOO, WI 53913
(608) 355-8964

	TOTAL LAYER PAVEMENT THICKNESS	LAYERS	HMA PAVEMENT ITEM
STH 33	6 INCHES	1.75" UPPER 1.75" MIDDLE 2.5" LOWER	HMA PAVEMENT 4 MT 58-28 V HMA PAVEMENT 4 MT 58-28 S HMA PAVEMENT 3 MT 58-28 S
SIDEROADS	4 INCHES	1.75" UPPER 2.25" LOWER	HMA PAVEMENT 4 MT 58-28 V HMA PAVEMENT 3 MT 58-28 S

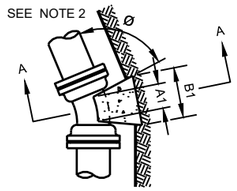


GENERAL NOTES:
1. FITTINGS TO BE WRAPPED WITH POLYETHYLENE BEFORE PLACEMENT OF RODDING AND BUTTRESSES.
2. ALL FITTINGS SHALL BE RODDED OR CONNECTED TO THE PIPE WITH AN APPROVED WEDGE ACTION THRUST RESTRAINING GLAND. RODS SHALL BE STAINLESS STEEL OR BITUMINOUS COATED, AND A MINIMUM OF 1 INCH IN DIAMETER.
3. LOCATIONS OF EXISTING MAINS ARE APPROXIMATE. LENGTH REQUIRED TO BE LOWERED WILL BE DETERMINED IN THE FIELD.
4. MAINS SHALL BE INSULATED IF COVER IS LESS THAN 6.5 FEET.

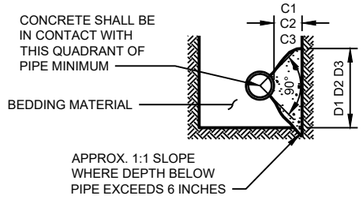
PRESSURE MAIN OFFSET DETAIL
NO SCALE



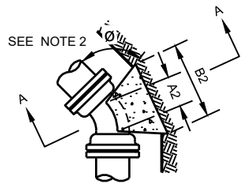
PLAN - 90° BEND



PLAN - 22 ½° BEND



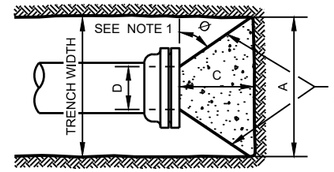
SECTION A-A



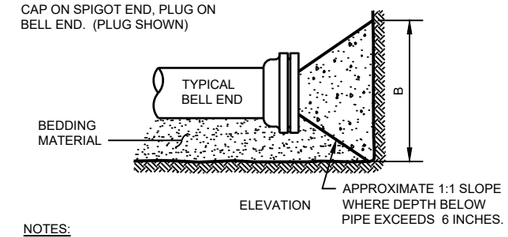
PLAN - 45° BEND

NOTES:
1. DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 P.S.I. AND AN EARTH RESISTANCE OF 2 TONS PER SQ. FT. INFORM THE ENGINEER IF PRESSURES EXCEED 150 PSI, OR ON-SITE SOIL DOES NOT MEET THIS CONDITION.
2. DIMENSION C1 C2 C3 SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
3. DIMENSION A1 A2 A3 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH THE MECHANICAL JOINT.
4. BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
5. ALL BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. IN ADDITION TO BUTTRESS, ALL JOINTS SURROUNDING BENDS SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

BUTTRESS DIMENSIONS						
PIPE SIZE	22 ½° BENDS		45° BENDS		90° BENDS	
	B1	D1	B2	D2	B3	D3
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
10"	1'-2"	1'-2"	1'-7"	1'-7"	2'-3"	1'-10"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
16"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"



PLAN

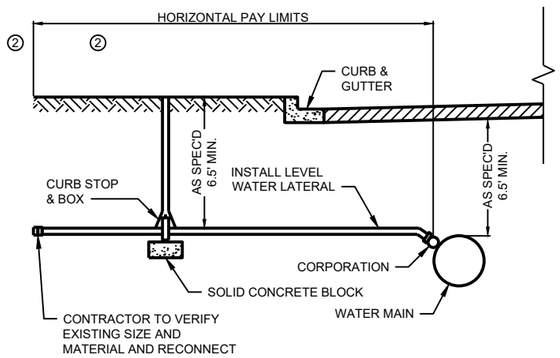


ELEVATION

BUTTRESS DIMENSIONS				
DIA.	A	B	C	D
6"	1'-6"	1'-2"	SEE NOTE NO. 1	SEE NOTE NO. 2
8"	2'-0"	1'-4"		
12"	2'-5"	1'-10"		
16"	3'-4"	2'-4"		
20"	4'-3"	2'-10"		
24"	5'-2"	3'-4"		
30"	6'-9"	4'-0"		

NOTES:
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
2. DIMENSION 'D' EQUALS APPROX. I.D. OF PIPE LESS 2 INCHES. THE CONCRETE SHOULD NOT INTERFERE WITH THE MECHANICAL JOINTS.
3. WHERE BUTTRESSES ARE NOT POSSIBLE BECAUSE OF POOR SOIL CONDITIONS OR LACK OF ROOM, WEDGE ACTION RESTRAINING GLANDS SHALL BE PERMITTED.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
5. BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
8. NO WOOD BUTTRESS ALLOWED.

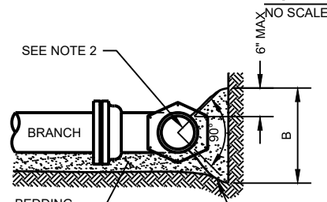
BUTTRESS FOR BENDS DETAIL
NO SCALE



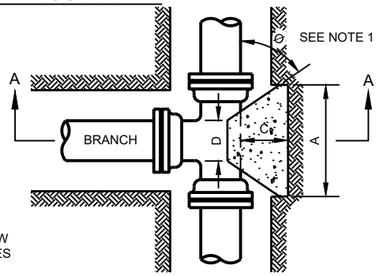
GENERAL NOTES:
1. SEE PLANS AND SPECIFICATIONS FOR SIZE AND TYPE OF CURB STOP AND BOX CORPORATION AND SERVICE LINE.
2. COMMUNITY STANDARDS SHALL SUPERSEDE THE DIMENSIONS FROM THE PROPERTY LINE.
3. RECONNECT OR MARK END LOCATION WITH A 4"x4" WOOD POST OR METAL FENCE POST

WATER SERVICE DETAIL
NO SCALE

BUTTRESS FOR PLUGS DETAIL
NO SCALE



SECTION A-A



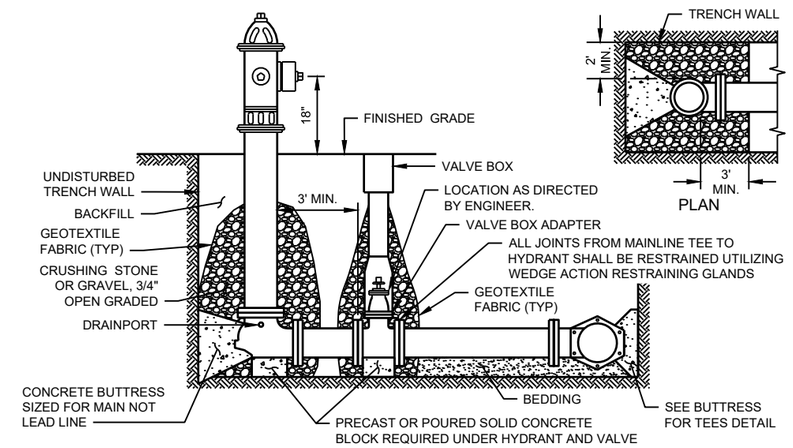
PLAN

NOTES:
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø GREATER THAN OR EQUAL TO 45°.
2. CONCRETE SHOULD BEAR ON THIS QUADRANT OF PIPE AT A MINIMUM.
3. DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
5. BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95%% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
8. IN ADDITION TO BUTTRESSES, ALL JOINTS SURROUNDING TEES SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

BUTTRESS DIMENSIONS				
DIA.	A	B	C	D
6"	1'-3"	1'-0"	SEE NOTE NO. 1	SEE NOTE NO. 3
8"	1'-6"	1'-4"		
10"	1'-10"	1'-8"		
12"	2'-3"	2'-0"		
16"	3'-2"	2'-6"		
20"	4'-0"	3'-0"		
24"	5'-3"	3'-4"		

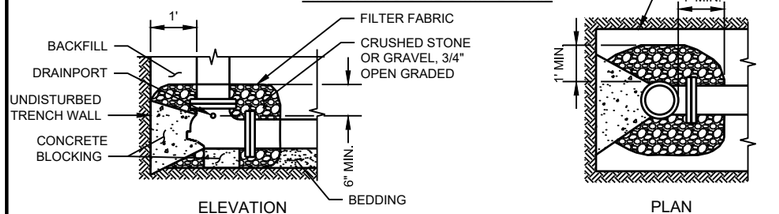
DIA. = BRANCH DIAMETER

BUTTRESS FOR TEES DETAIL
NO SCALE



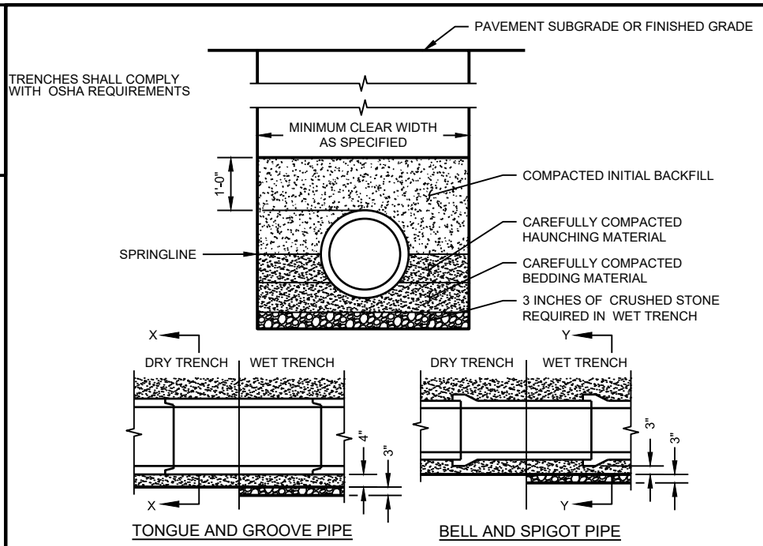
ELEVATION

IMPERVIOUS SOIL SUMP DETAIL



PERVIOUS SOIL SUMP DETAIL

HYDRANT AND LEAD CONNECTION DETAIL
NO SCALE



TONGUE AND GROOVE PIPE

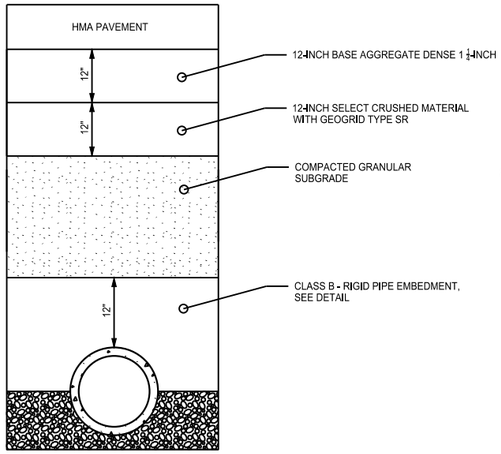
BELL AND SPIGOT PIPE

GENERAL NOTES:

1. BEDDING AND HAUNCHING MATERIAL SHALL BE WELL-GRADED 3/4 TO 1/4 INCH CRUSHED STONE OR OTHER NON-COHESIVE MATERIAL NOT SUBJECT TO MIGRATION AND FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES.
2. BEDDING MATERIAL TO BE PLACED BEFORE SETTING PIPE, 4 INCH MINIMUM UNDER BARREL WITH 3 INCH MINIMUM UNDER BELL.
3. INITIAL BACKFILL SHALL BE DENSELY COMPACTED, NON-COHESIVE FINELY DIVIDED MATERIAL FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES.
4. IN ROCK OR OTHER UNCOMPRESSIBLE MATERIALS, THE TRENCH SHALL BE OVEREXCAVATED A MINIMUM OF 6-INCHES AND REFILLED WITH GRANULAR MATERIAL.

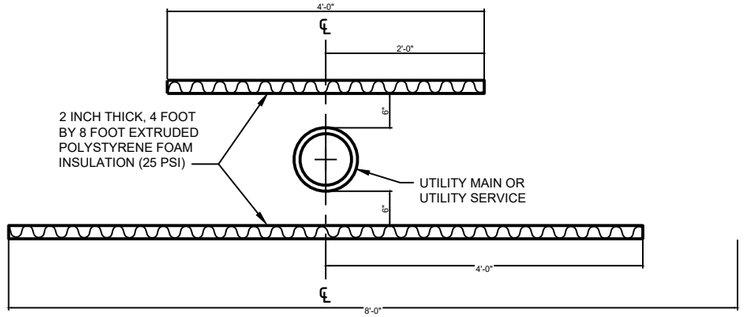
CLASS "B" EMBEDMENT FOR RIGID PIPE DETAIL

NO SCALE

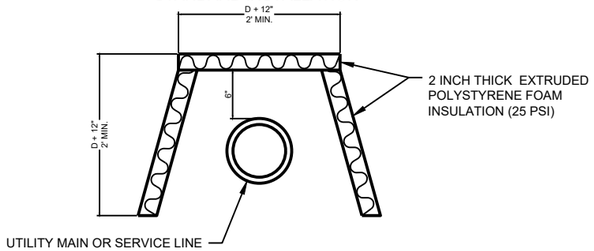


WATER MAIN TRENCH RESTORATION DETAIL

SCALE: NONE



STANDARD INSTALLATION



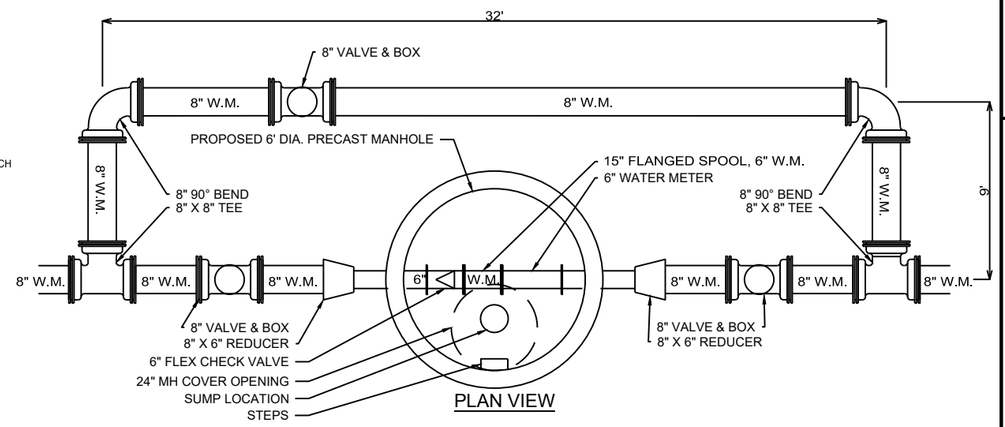
SIDE PROTECTION INSTALLATION

GENERAL NOTES:

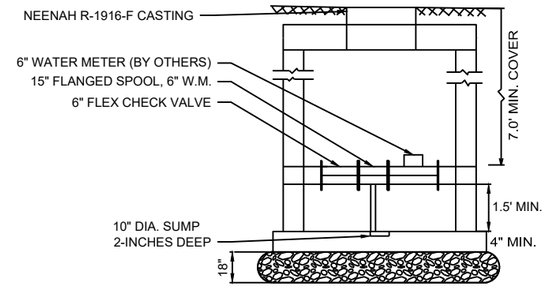
1. THE SIDE PROTECTION INSTALLATION SHALL BE USED WHERE FROST WILL PENETRATE BELOW THE PIPE INVERT.

PIPE INSULATION DETAIL

NO SCALE



PLAN VIEW



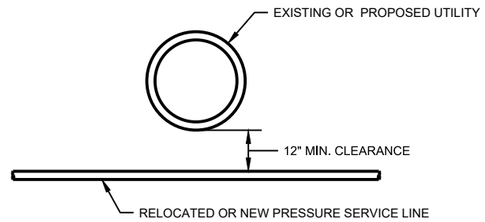
PROFILE VIEW

WATER METER MANHOLE DETAIL

SCALE: NONE

GENERAL NOTES:

1. WATER METER SUPPLIED AND INSTALLED BY THE CITY OF BARABOO. COORDINATE INSTALLATION WITH CITY
2. FLEX CHECK VALVE AND FLANGE ADAPTERS SHALL BE INCLUDED IN BID PRICE FOR WATER METER MANHOLE. ALL OTHER WATER MAIN AND APPURTENANCES SHALL BE PAID PER THE UNIT BID PRICES.
3. PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 18 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.
4. PROVIDE AND INSTALL FLANGE ADAPTERS AS NEEDED.

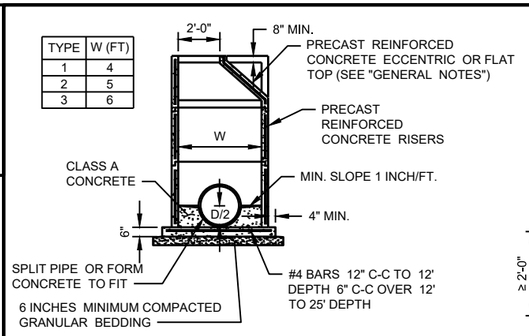


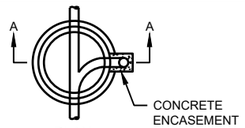
GENERAL NOTES:

1. PIPE INSULATION SHALL BE INSTALLED AS REQUIRED. SEE "PIPE INSULATION DETAIL."

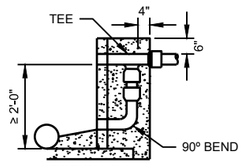
PRESSURE SERVICE CROSSING DETAIL

NO SCALE





PLAN



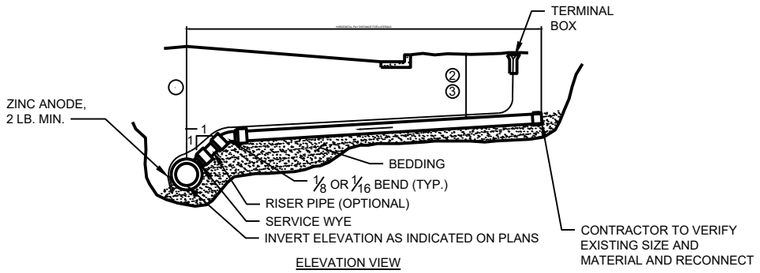
SECTION A-A

DROP ASSEMBLY DETAIL

GENERAL NOTES:

1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING AND THE APPLICABLE SPECIAL CONDITIONS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
2. DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.
3. PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.
4. ECCENTRIC CONE TOPS SHALL BE USED ON ALL STRUCTURES 5 FEET OR GREATER IN DEPTH, AND FLAT TOPS SHALL BE USED ONLY ON STRUCTURES LESS THAN 5 FEET IN DEPTH, UNLESS DIRECTED BY THE ENGINEER.
5. PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH TONGUE UP OR DOWN.
6. ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.
7. DROP CONNECTIONS SHALL BE USED WHEN THE PIPE INVERT IS MORE THAN 2 FEET ABOVE THE MANHOLE INVERT. PRECAST STRUCTURE MANWAY CLEAR OPENING SHALL MATCH CASTING - REFER TO STANDARD SPECIFICATION
8. DIVISION 33 AND THE APPLICABLE SPECIAL CONDITIONS.
   - OPENING SHALL BE 24" FOR R-1550 CASTINGS
   - OPENING SHALL BE 27" FOR R-1642 CASTINGS

PRECAST REINFORCED CONCRETE MANHOLE DETAIL
NO SCALE



ELEVATION VIEW

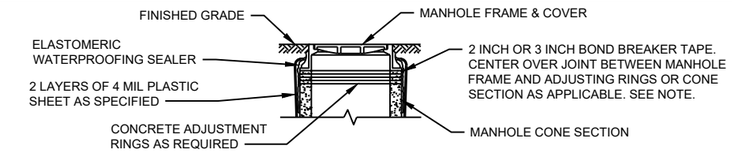
NOTES FOR LATERAL INSTALLATION:

1. MINIMUM DEPTH OF COVER UNDER ROADWAY = 7 FEET.
2. MINIMUM DEPTH OF COVER UNDER GRASS AREAS = 5 1/2 FEET.
3. MINIMUM DEPTH OF COVER UNDER GRASS AREAS WITH FROST PROTECTION = 3 FEET 6 INCHES.
4. LATERAL SLOPES SHALL BE 1/8 INCH PER FOOT MINIMUM AND 1/2 INCH PER FOOT MAXIMUM.

NOTES FOR TRACER WIRE INSTALLATION:

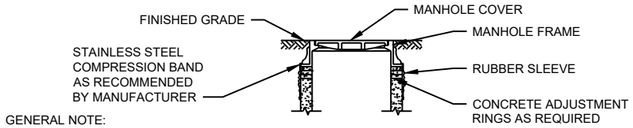
1. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
2. NO. 12 GAUGE GREEN INSULATED COPPER TRACER WIRE SHALL BE INSTALLED WITH THE NON-CONDUCTIVE SERVICE. PIPE TRACER WIRE TERMINAL BOXES SHALL BE INSTALLED DIRECTLY ABOVE THE SEWER MAIN OR AS DETERMINED BY THE ENGINEER OR OWNER. TRACER WIRE INSTALLATION REQUIRES ACCESS POINTS AT LEAST EVERY 300 FEET.
3. TRACER WIRE SHALL BE INSTALLED WITHIN 6" FROM THE TOP OF THE PIPE.
4. TRACER WIRE SHALL RUN FROM THE WYE AND TERMINATED IN A FLUSH MOUNTED TERMINAL BOX WITH A CAST IRON LOCKABLE TOP. SPLICES IN TRACER WIRE SHOULD BE MADE WITH SPLIT BOLT OR COMPRESSION-TYPE CONNECTORS. WIRE NUTS SHALL NOT BE USED. A WATER-PROOF CONNECTION IS NECESSARY TO PREVENT CORROSION. TERMINAL BOX SHALL BE VALVCO, OR APPROVED EQUAL.

SANITARY SEWER LATERAL DETAIL
NO SCALE



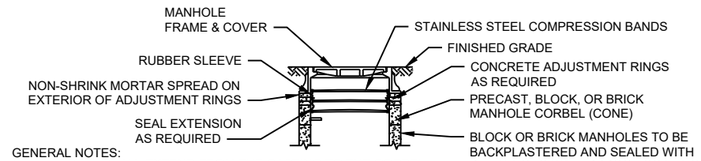
THE BOND BREAKER TAPE IS TO PREVENT THE SEALER FROM BONDING TO THE EDGE OF THE FLANGE OF THE MH FRAME AND THE UPPER 1-1/2 INCHES OF ADJUSTING RING OR CONE. IF THE EDGE OF FLANGE IS NOT FLUSH WITH ADJUSTING RING OR CONE, APPLY ADDITIONAL TAPE AS REQUIRED TO PREVENT SUCH BONDING.

ELASTOMERIC FRAME/CHIMNEY SEAL



GENERAL NOTE:
THE SEAL SHALL EXTEND FROM THE CASTING TO THE CORBEL (CONE). SEAL EXTENSIONS SHALL BE USED AS REQUIRED.

EXTERNAL RUBBER SLEEVE FRAME/CHIMNEY SEAL

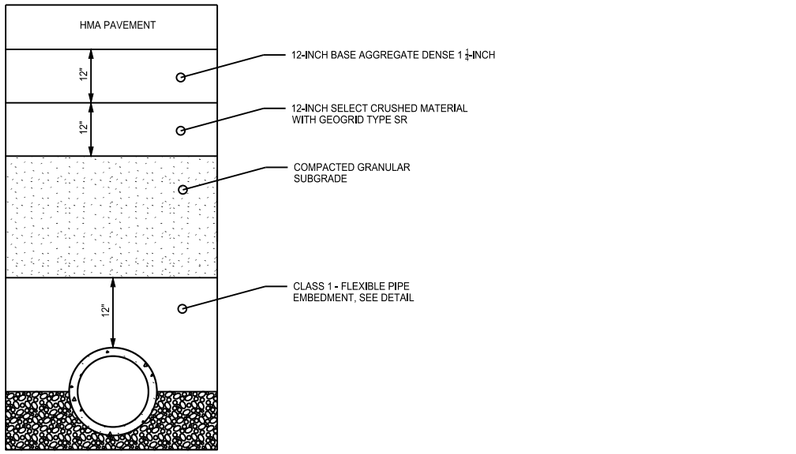


GENERAL NOTES:

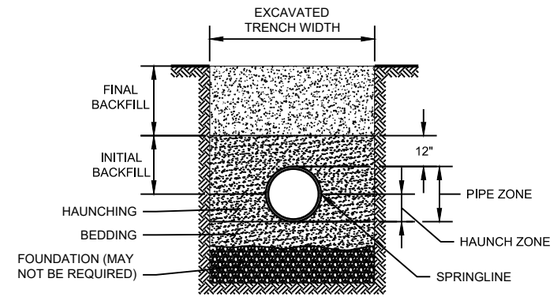
1. THE SEAL SHALL EXTEND FROM THE CASTING TO THE CORBEL (CONE). SEAL EXTENSIONS SHALL BE USED AS REQUIRED.
2. AN INTERNAL ADAPTOR SEAL RING MAY BE USED IN LIEU OF THE RUBBER SLEEVE. THE INTERNAL ADAPTOR SEAL RING SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

INTERNAL RUBBER SLEEVE FRAME/CHIMNEY SEAL

MANHOLE WATERPROOFING DETAIL
NO SCALE



SANITARY SEWER TRENCH RESTORATION DETAIL
SCALE: NONE



GENERAL NOTES:

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO ASTM D2321.
2. CLASS 1 EMBEDMENT MATERIAL SHALL BE CLEAN, OPEN GRADED CRUSHED STONE, ROCK OR GRAVEL.
3. NO PARTICLES LARGER THAN 1 1/2 -INCHES SHALL BE USED IN THE PIPE EMBEDMENT.
4. DO NOT USE CLASS 1A MATERIAL WHERE CONDITIONS MAY CAUSE MIGRATION OF FINES FROM ADJACENT SOIL AND LOSS OF PIPE SUPPORT.
5. CLASS 1 MATERIAL IS SUITABLE AS FOUNDATION AND FOR REPLACING OVER-EXCAVATED AND UNSTABLE TRENCH BOTTOM. INSTALL AND COMPACT IN 6-INCH MAXIMUM LAYERS.
6. INSTALL BEDDING IN 6-INCH MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 INCH (6 INCH IN ROCK CUTS).
7. INSTALL AND COMPACT HAUNCHING IN 6-INCH MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
8. INSTALL AND COMPACT INITIAL BACKFILL TO A MINIMUM OF 6 INCH ABOVE PIPE CROWN
9. EMBEDMENT COMPACTION:
   CLASS 1: PLACE AND WORK BY HAND TO INSURE ALL EXCAVATED VOIDS AND HAUNCH AREAS ARE FILLED. FOR HIGH DENSITIES USE VIBRATORY COMPACTORS.
10. EMBEDMENT INCLUDES BEDDING, HAUNCHING, AND INITIAL BACKFILL

CLASS I - FLEXIBLE PIPE EMBEDMENT DETAIL
NO SCALE

5090-05-61

Line	Item	Item Description	Unit	Total	Qty
0448	SPV.0035	Special 01. Imported Granular Backfill (For Sanitary Sewer)	CY	250.000	250.000
0450	SPV.0035	Special 02. Imported Granular Backfill (For Water Main)	CY	1,200.000	1,200.000
0452	SPV.0060	Special 01. Remove Existing Valve Box	EACH	18.000	18.000
0454	SPV.0060	Special 02. Remove Existing Concrete Structure	EACH	2.000	2.000
0456	SPV.0060	Special 03. Remove Existing Hydrant	EACH	4.000	4.000
0458	SPV.0060	Special 04. Construction Staking Sanitary Sewer	EACH	1.000	1.000
0460	SPV.0060	Special 05. Construction Staking Water Main	EACH	1.000	1.000
0462	SPV.0060	Special 06. Sanitary Sewer Manhole	EACH	1.000	1.000
0464	SPV.0060	Special 07. Adjust Existing Sanitary Manhole	EACH	3.000	3.000
0466	SPV.0060	Special 08. Connect To Existing Sanitary Sewer Manhole	EACH	1.000	1.000
0468	SPV.0060	Special 09. Water Meter Structure With Bypass	EACH	1.000	1.000
0470	SPV.0060	Special 10. Adjust Existing Valve Box	EACH	1.000	1.000
0472	SPV.0060	Special 11. Plug 8-Inch	EACH	1.000	1.000
0474	SPV.0060	Special 12. Hydrant	EACH	7.000	7.000
0476	SPV.0060	Special 13. Valve & Box 10-Inch	EACH	9.000	9.000
0478	SPV.0060	Special 14. Valve & Box 8-Inch	EACH	10.000	10.000
0480	SPV.0060	Special 15. Valve & Box 6-Inch	EACH	7.000	7.000
0482	SPV.0060	Special 16. Tee 10-Inch X 8-Inch X 10-Inch	EACH	5.000	5.000
0484	SPV.0060	Special 17. Tee 10-Inch X 6-Inch X 10-Inch	EACH	4.000	4.000
0486	SPV.0060	Special 18. Tee 8-Inch X 8-Inch X 8-Inch	EACH	3.000	3.000
0488	SPV.0060	Special 19. Tee 8-Inch X 6-Inch X 8-Inch	EACH	3.000	3.000
0490	SPV.0060	Special 20. Bend 45 Degree 10-Inch	EACH	12.000	12.000
0492	SPV.0060	Special 21. Bend 90 Degree 8-Inch	EACH	4.000	4.000
0494	SPV.0060	Special 22. Bend 45 Degree 8-Inch	EACH	10.000	10.000
0496	SPV.0060	Special 23. Reducer 10-Inch X 8-Inch	EACH	2.000	2.000
0498	SPV.0060	Special 24. Reducer 8-Inch X 6-Inch	EACH	5.000	5.000
0500	SPV.0060	Special 25. Sanitary Sewer Wye 8-Inch X 6-Inch W/Tracer Wire & Terminal Box	EACH	5.000	5.000
0502	SPV.0060	Special 26. Corporation, Curb Stop, Box, & Reconnect 2-Inch	EACH	2.000	2.000
0504	SPV.0060	Special 27. Corporation, Curb Stop, Box, & Reconnect 1-Inch	EACH	37.000	37.000
0506	SPV.0060	Special 28. Connect To Existing Water Main	EACH	6.000	6.000
0508	SPV.0060	Special 29. Abandon Existing Water Main	EACH	5.000	5.000
0628	SPV.0090	Special 01. Remove Existing Water Main	LF	140.000	140.000
0630	SPV.0090	Special 02. Sanitary Sewer Pipe PVC 8-Inch	LF	224.000	224.000
0632	SPV.0090	Special 03. Water Main Ductile Iron 10-Inch	LF	2,167.000	2,310.000
0634	SPV.0090	Special 04. Water Main Ductile Iron 8-Inch	LF	668.000	515.000
0636	SPV.0090	Special 05. Water Main Ductile Iron 6-Inch	LF	189.000	191.000
0638	SPV.0090	Special 06. Sanitary Sewer Lateral PVC 6-Inch	LF	100.000	100.000
0640	SPV.0090	Special 07. Water Service Copper 2-Inch	LF	80.000	80.000
0642	SPV.0090	Special 08. Water Service Copper 1-Inch	LF	1,263.000	1,263.000
0672	SPV.0165	Special 01. Rigid Insulation, 4-FT X 8-FT X 2-Inch	SF	1,000.000	1,000.000

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VILLAGE CONSTRUCTION STAKING SUMMARY

CATEGORY	STATION - STATION	SPV.0060.04 CONSTRUCTION STAKING SANITARY SEWER EACH	SPV.0060.05 CONSTRUCTION STAKING WATER MAIN EACH
0010	UNDISTRIBUTED	1	1
TOTAL CATEGORY 0010, 5090-05-61		1	1

VILLAGE SANITARY SEWER PIPE SUMMARY

CATEGORY	LOCATION FROM M.H.	LOCATION TO M.H.	STREET	SPV.0090.02 SANITARY SEWER PVC 8-INCH LF
0010	71	70	STH 33	224
TOTAL CATEGORY 0010, 5090-05-61				224

VILLAGE SANITARY MANHOLE SUMMARY

CATEGORY	NUMBER	STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	STRUCTURE	SPV.0060.06 SANITARY SEWER MANHOLE EACH	SPV.0060.07 ADJUST EXISTING SANITARY MANHOLE EACH
0010	71	19+81	29.00	RT	STH 33/WILLOW ST	MANHOLE	1	-
	70	22+01	27.00	RT	STH 33	MANHOLE	-	1
	217	22+11	36.00	RT	STH 34	MANHOLE	-	1
	13	23+93	48.00	RT	STH 35	MANHOLE	-	1
TOTAL CATEGORY 0010, 5090-05-61							1	3

REMOVE EXISTING WATER MAIN STRUCTURES SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	SHEET NO.	SPV.0060.01 REMOVE EXISTING VALVE BOX EACH	SPV.0060.02 REMOVE EXISTING CONCRETE STRUCTURE EACH	SPV.0060.03 REMOVE EXISTING HYDRANT EACH	SPV.0090.01 REMOVE EXISTING WATER MAIN LF	COMMENTS
0010	4+24	37.00	RT	STH 33/W MULBERRY ST		-	-	1	60	
	5+01	20.00	RT	STH 33/W MULBERRY ST		1	-	-	-	
	5+02	15.00	LT	STH 33/W MULBERRY ST		3	-	-	-	
	7+89	26.00	LT	STH 33		-	-	1	-	
	13+12	15.00	LT	STH 33/CONNIE RD		2	-	-	80	
	13+12	58.00	LT	STH 33/CONNIE RD		1	-	-	-	
	13+78	18.00	RT	STH 33/CEDAR ST		2	-	-	-	
	14+03	37.00	RT	STH 33/CEDAR ST		1	-	-	-	
	14+68	36.00	RT	STH 33/CEDAR ST		-	-	1	-	
	19+02	20.00	RT	STH 33/WILLOW ST		1	-	-	-	
	22+36	16.00	LT	STH 33		3	1	-	-	APART OF AN EXISTING WATER METER STRUCTURE
	22+66	35.00	LT	STH 33/HILL ST		1	-	1	-	
	26+22	17.00	LT	STH 33		3	1	-	-	APART OF AN EXISTING WATER METER STRUCTURE
TOTAL CATEGORY 0010, 5090-05-61						18	2	4	140	

TARY LATERAL AND WATER SERVICE SUMM

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0060.25 SANITARY SEWER WYE 8-INCH X 6-INCH W/TRACER WIRE & TERMINAL BOX EACH	SPV.0060.26 CORPORATION, CURB STOP, BOX, & RECONNECT 2-INCH EACH	SPV.0060.27 CORPORATION, CURB STOP, BOX, & RECONNECT 1-INCH EACH	SPV.0090.06 SANITARY LATERAL PVC 6-INCH LF	SPV.0090.07 WATER SERVICE COPPER 2-INCH LF	SPV.0090.08 WATER SERVICE COPPER 1-INCH LF	ADDRESS	STREET	COMMENTS
0010	5+28		RT	-	-	1	-	-	25	433	LINN ST	
	6+75		RT	-	-	1	-	-	25	423	LINN ST	COULD POSSIBLY BE 2" - SCHOOL
	7+12		RT	-	-	1	-	-	25	417	LINN ST	COULD POSSIBLY BE 2" - SCHOOL
	8+50		LT	-	-	1	-	-	40	408	LINN ST	
	8+84		RT	-	-	1	-	-	25	401	LINN ST	
	9+53		LT	-	-	1	-	-	40	328	LINN ST	
	10+25		LT	-	-	1	-	-	40	320	LINN ST	
	10+33		RT	-	-	1	-	-	26	333	LINN ST	
	10+95		RT	-	-	1	-	-	26	323	LINN ST	
	11+14		RT	-	-	1	-	-	25	321	LINN ST	
	11+23		LT	-	-	1	-	-	40	312	LINN ST	
	11+99		LT	-	-	1	-	-	40	302	LINN ST	
	12+48		RT	-	-	1	-	-	26	315	LINN ST	
	13+10		RT	-	-	1	-	-	30	301	LINN ST	
	13+42		RT	-	-	1	-	-	26	301	LINN ST	COULD POSSIBLY BE 2" - LAUNDRY
	14+02		LT	-	-	1	-	-	40	246	LINN ST	
	14+62		LT	-	-	1	-	-	40	242	LINN ST	
	15+00		RT	-	-	1	-	-	26	231	LINN ST	
	15+60		RT	-	-	1	-	-	26	225	LINN ST	
	15+66		LT	-	-	1	-	-	40	240	LINN ST	
	16+27		RT	-	-	1	-	-	26	221	LINN ST	
	16+50		LT	-	-	1	-	-	40	224	LINN ST	
	17+02		RT	-	-	1	-	-	26	213	LINN ST	
	17+46		LT	-	-	1	-	-	40	218	LINN ST	
	18+08		RT	-	-	1	-	-	26	203	LINN ST	
	18+34		LT	-	-	1	-	-	40	206	LINN ST	
	19+08		LT	-	-	1	-	-	40	166	LINN ST	
	19+35		RT	-	-	1	-	-	44	161	LINN ST	
	20+00		RT	-	-	1	-	-	26	161	LINN ST	
	21+62		RT	-	-	1	-	-	26	147	LINN ST	
	21+65		LT	-	-	1	-	-	40	146	LINN ST	
	22+16		RT	-	-	1	-	-	45	EASEMENT	LINN ST	
	22+28		RT	-	-	1	-	-	47	EASEMENT	LINN ST	
	22+56		LT	-	-	1	-	-	40	138	LINN ST	
	22+56		RT	-	-	1	-	-	72	135	LINN ST	
	25+55		LT	-	-	1	-	-	29	110	LINN ST	
	25+61		LT	-	-	1	-	-	25	110	LINN ST	
UNDISTRIBUTED				5	2	-	100	80	-			
TOTAL CATEGORY 0010, 5090-05-61				5	2	37	100	80	1263			

VILLAGE SANITARY SEWER APPURTENANCES SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	SPV.0035.01 IMPORTED GRANULAR BACKFILL (FOR SANITARY SEWER) CY	SPV.0060.08 CONNECT TO EXISTING SANITARY SEWER MANHOLE EACH
0010	22+01	27.00	RT	STH 33	-	1
UNDISTRUBUTED					250	-
TOTAL CATEGORY 0010, 5090-05-61					250	1

WATER MAIN PIPE SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	TO	STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	SPV.0090.03 WATER MAIN DUCTILE IRON 10-INCH LF	SPV.0090.04 WATER MAIN DUCTILE IRON 8-INCH LF	SPV.0090.05 WATER MAIN DUCTILE IRON 6-INCH LF	COMMENTS
0010	4+46	59.00	RT		4+46	56.00	RT	STH33/W MULBERRY ST	-	-	3	CONNECT TO EXISTING S
	4+46	56.00	RT		4+47	46.00	RT	STH33/W MULBERRY ST	-	10	-	
	4+47	46.00	RT		4+35	46.00	RT	STH33/W MULBERRY ST	-	-	12	HYDRANT LEAD
	4+47	46.00	RT		4+61	6.00	RT	STH33/W MULBERRY ST	-	46	-	
	4+61	6.00	RT		4+65	18.00	LT	STH33/W MULBERRY ST	-	25	-	CONNECT TO EXISTING N
	4+61	6.00	RT		4+73	7.00	RT	STH33/W MULBERRY ST	-	11	-	
	4+73	7.00	RT		9+30	7.00	RT	STH 33	465	-	-	
	9+30	7.00	RT		9+30	47.00	RT	STH33/W WALNUT ST	-	40	-	INSTALL PLUG AT END
	9+30	7.00	RT		9+59	7.00	RT	STH33/W WALNUT ST	29	-	-	
	9+59	7.00	RT		9+59	27.00	LT	STH33/W WALNUT ST	-	-	34	HYDRANT LEAD
	9+59	7.00	RT		13+12	7.00	RT	STH 33	353	-	-	
	13+12	7.00	RT		13+12	58.00	LT	STH 33/CONNIE RD	-	66	-	CONNECT TO EXISTING N
	13+12	7.00	RT		14+06	7.00	RT	STH 33/CEDAR ST	95	-	-	
	14+06	7.00	RT		14+03	37.00	RT	STH 33/CEDAR ST	-	31	-	CONNECT TO EXISTING S
	14+06	7.00	RT		14+49	7.00	RT	STH 33/CEDAR ST	43	-	-	
	14+49	7.00	RT		14+49	45.00	RT	STH 33/CEDAR ST	-	-	39	HYDRANT LEAD
	14+49	7.00	RT		16+65	7.00	RT	STH 33	215	-	-	
	16+65	7.00	RT		16+65	25.00	LT	STH 33	-	-	32	HYDRANT LEAD
	16+65	7.00	RT		19+01	7.00	RT	STH 33/WILLOW ST	236	-	-	
	19+01	7.00	RT		19+01	55.00	RT	STH 33/WILLOW ST	-	48	-	
	19+01	55.00	RT		18+84	55.00	RT	STH 33/WILLOW ST	-	-	17	HYDRANT LEAD
	19+01	55.00	RT		18+87	82.00	RT	STH 33/WILLOW ST	-	56	-	
	18+87	82.00	RT		18+87	85.00	RT	STH 33/WILLOW ST	-	-	3	CONNECT TO EXISTING S
	19+01	7.00	RT		20+83	7.00	RT	STH 33/WILLOW ST	183	-	-	
	20+83	7.00	RT		20+86	36.00	LT	STH 33/HILL ST	-	43	-	
	20+86	36.00	LT		20+67	37.00	LT	STH 33/HILL ST	-	-	20	HYDRANT LEAD
	20+86	36.00	LT		20+76	73.00	LT	STH 33/HILL ST	-	42	-	
	20+76	73.00	LT		20+76	77.00	LT	STH 33/HILL ST	-	-	4	CONNECT TO EXISTING N
	20+83	7.00	RT		25+31	7.00	RT	STH 33	450	-	-	
	25+31	7.00	RT		25+49	11.00	LT	STH 33	25	-	-	
	25+49	11.00	LT		26+14	9.00	LT	STH 33	65	-	-	
	26+14	9.00	LT		26+14	25.00	LT	STH 33	-	-	16	HYDRANT LEAD
	26+14	9.00	LT		26+21	9.00	LT	STH 33	8	-	-	
	26+21	9.00	LT		26+26	8.00	LT	STH 33	-	4	-	
	26+26	8.00	LT		26+32	8.00	LT	STH 33	-	7	-	WATER METER STRUCTURE
	26+32	8.00	LT		26+44	7.00	LT	STH 33	-	-	12	WATER METER STRUCTURE
	26+44	7.00	LT		25+50	7.00	LT	STH 34	-	6	-	WATER METER STRUCTURE
	26+26	8.00	LT		26+50	7.00	LT	STH 33	-	33	-	BYPASS
	26+50	7.00	LT		28+46.41	14.00	LT	STH 33	-	200	-	CONNECT TO CITY TEE
TOTAL CATEGORY 0010, 5090-05-61									2167	668	189	

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WATER APPURTENANCES SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	STREET	SPV.0035.02 IMPORTED GRANULAR BACKFILL (FOR WATER MAIN) CY	SPV.0060.09 WATER METER MANHOLE EACH	SPV.0060.10 ADJUST EXISTING VALVE BOX EACH	SPV.0060.11 PLUG 8-INCH EACH	SPV.0060.12 HYDRANT EACH	SPV.0060.13 VALVE & BOX 10-INCH EACH	SPV.0060.14 VALVE & BOX 8-INCH EACH	SPV.0060.15 VALVE & BOX 6-INCH EACH	SPV.0060.16 TEE 10-INCH X 8-INCH X 10-INCH EACH	SPV.0060.17 TEE 10-INCH X 6-INCH X 10-INCH EACH
0010	4+35	46.00	RT	STH 33/W MULBERRY ST	-	-	-	-	1	-	-	1	-	-
	4+46	58.00	RT	STH 33/W MULBERRY ST	-	-	-	-	-	-	1	-	-	-
	4+48	26.00	RT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-
	4+61	6.00	RT	STH 33/W MULBERRY ST	-	-	-	-	-	-	1	-	-	-
	4+61	11.00	RT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-
	4+62	12.00	LT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-
	4+65	15.00	LT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-
	4+65	18.00	LT	STH 33/W MULBERRY ST	-	-	1	-	-	-	-	-	-	-
	4+73	7.00	RT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	-	-	-
	9+30	7.00	RT	STH 33/W WALNUT ST	-	-	-	-	-	2	-	-	1	-
	9+30	47.00	RT	STH 33/W WALNUT ST	-	-	-	1	-	-	1	-	-	-
	9+59	27.00	LT	STH 33/W WALNUT ST	-	-	-	-	1	-	-	1	-	1
	13+10	35.00	LT	STH 33/CONNIE RD	-	-	-	-	-	-	-	-	-	-
	13+11	33.00	LT	STH 33/CONNIE RD	-	-	-	-	-	-	-	-	-	-
	13+12	7.00	RT	STH 33/CONNIE RD	-	-	-	-	-	2	-	-	1	-
	13+12	58.00	LT	STH 33/CONNIE RD	-	-	-	-	-	-	1	-	-	-
	14+03	37.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	1	-	-	-
	14+04	25.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	-
	14+06	7.00	RT	STH 33/CEDAR ST	-	-	-	-	-	1	-	-	1	-
	14+06	23.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	-
	14+49	45.00	RT	STH 33/CEDAR ST	-	-	-	-	1	-	-	1	-	1
	14+68	36.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	-
	16+51	7.00	RT	STH 33	-	-	-	-	-	-	-	-	-	-
	16+55	25.00	LT	STH 33	-	-	-	-	1	-	-	1	-	1
	16+61	7.00	RT	STH 33	-	-	-	-	-	-	-	-	-	-
	16+69	7.00	RT	STH 33	-	-	-	-	-	-	-	-	-	-
	16+81	7.00	RT	STH 33	-	-	-	-	-	-	-	-	-	-
	18+84	55.00	RT	STH 33/ WILLOW ST	-	-	-	-	1	-	-	1	-	-
	18+87	72.00	RT	STH 33/ WILLOW ST	-	-	-	-	-	-	-	-	-	-
	18+87	82.00	RT	STH 33/ WILLOW ST	-	-	-	-	-	-	1	-	-	-
	19+01	7.00	RT	STH 33/ WILLOW ST	-	-	-	-	-	2	-	-	1	-
	19+01	58.00	RT	STH 33/ WILLOW ST	-	-	-	-	-	-	-	-	-	-
	20+65	7.00	RT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-
	20+67	37.00	LT	STH 33/HILL ST	-	-	-	-	1	-	1	1	-	-
	20+76	71.00	LT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-
	20+76	77.00	LT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-
	20+80	7.00	RT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-
	20+83	7.00	RT	STH 33/HILL ST	-	-	-	-	-	1	-	-	1	-
	20+88	29.00	LT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-
	20+87	7.00	RT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-
	21+01	7.00	RT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-
	25+31	7.00	RT	STH 33	-	-	-	-	-	-	-	-	-	-
	25+49	11.00	LT	STH 33	-	-	-	-	-	-	-	-	-	-
	26+14	25.00	LT	STH 33	-	-	-	-	1	1	-	1	-	1
	26+39	7.00	LT	STH 33	-	1	-	-	-	-	3	-	-	-
	28+46.41	14.00	LT	STH 33	-	-	-	-	-	-	-	-	-	-
UNDISTRIBUTED					1200	-	-	-	-	-	-	-	-	-
TOTAL CATEGORY 0010, 5090-05-61					1200	1	1	1	7	9	10	7	5	4

WATER APPURTENANCES SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	STREET	SPV.0060.18 TEE 8-INCH X 8-INCH X 8-INCH EACH	SPV.0060.19 TEE 8-INCH X 6-INCH X 8-INCH EACH	SPV.0060.20 BEND 45 DEGREE 10-INCH EACH	SPV.0060.21 BEND 90 DEGREE 8-INCH EACH	SPV.0060.22 BEND 45 DEGREE 8-INCH EACH	SPV.0060.23 REDUCER 10-INCH X 8-INCH EACH	SPV.0060.24 REDUCER 8-INCH X 6-INCH EACH	SPV.0060.28 CONNECT TO EXISTING WATER MAIN EACH	SPV.0060.29 ABANDON EXISTING WATER MAIN EACH	SPV.0165.01 RIGID INSULATION, 4-FT X 8-FT X 2-INCH SF
0010	4+35	46.00	RT	STH 33/W MULBERRY ST	-	1	-	-	-	-	-	-	-	-
	4+46	58.00	RT	STH 33/W MULBERRY ST	-	-	-	-	-	-	1	-	-	-
	4+48	26.00	RT	STH 33/W MULBERRY ST	-	-	1	-	1	-	-	-	-	-
	4+61	6.00	RT	STH 33/W MULBERRY ST	1	-	-	-	-	-	-	-	-	-
	4+61	11.00	RT	STH 33/W MULBERRY ST	-	-	1	-	1	-	-	-	-	-
	4+62	12.00	LT	STH 33/W MULBERRY ST	-	-	-	1	-	-	-	-	-	-
	4+65	15.00	LT	STH 33/W MULBERRY ST	-	-	-	1	-	-	-	-	-	-
	4+65	18.00	LT	STH 33/W MULBERRY ST	-	-	-	-	-	-	-	1	1	-
	4+73	7.00	RT	STH 33/W MULBERRY ST	-	-	-	-	-	1	-	-	-	-
	9+30	7.00	RT	STH 33/W WALNUT ST	-	-	-	-	-	-	-	-	-	-
	9+30	47.00	RT	STH 33/W WALNUT ST	-	-	-	-	-	-	-	-	-	-
	9+59	27.00	LT	STH 33/W WALNUT ST	-	-	-	-	-	-	-	-	-	-
	13+10	35.00	LT	STH 33/CONNIE RD	-	-	-	-	1	-	-	-	-	-
	13+11	33.00	LT	STH 33/CONNIE RD	-	-	-	-	1	-	-	-	-	-
	13+12	7.00	RT	STH 33/CONNIE RD	-	-	-	-	-	-	-	-	-	-
	13+12	58.00	LT	STH 33/CONNIE RD	-	-	-	-	-	-	-	1	-	-
	14+03	37.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	1	1	-
	14+04	25.00	RT	STH 33/CEDAR ST	-	-	-	-	1	-	-	-	-	-
	14+06	7.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	-
	14+06	23.00	RT	STH 33/CEDAR ST	-	-	-	-	1	-	-	-	-	-
	14+49	45.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	-	-
	14+68	36.00	RT	STH 33/CEDAR ST	-	-	-	-	-	-	-	-	1	-
	16+51	7.00	RT	STH 33	-	-	1	-	-	-	-	-	-	-
	16+55	25.00	LT	STH 33	-	-	-	-	-	-	-	-	-	-
	16+60	7.00	RT	STH 33	-	-	1	-	-	-	-	-	-	-
	16+69	7.00	RT	STH 33	-	-	1	-	-	-	-	-	-	-
	16+81	7.00	RT	STH 33	-	-	1	-	-	-	-	-	-	-
	18+84	55.00	RT	STH 33/ WILLOW ST	-	1	-	-	-	-	-	-	-	-
	18+87	72.00	RT	STH 33/ WILLOW ST	-	-	-	-	1	-	-	-	-	-
	18+87	82.00	RT	STH 33/ WILLOW ST	-	-	-	-	-	-	1	1	1	-
	19+01	7.00	RT	STH 33/ WILLOW ST	-	-	-	-	-	-	-	-	-	-
	19+01	58.00	RT	STH 33/ WILLOW ST	-	-	-	-	1	-	-	-	-	-
	20+65	7.00	RT	STH 33/HILL ST	-	-	1	-	-	-	-	-	-	-
	20+67	37.00	LT	STH 33/HILL ST	-	1	-	-	-	-	-	-	-	-
	20+76	71.00	LT	STH 33/HILL ST	-	-	-	-	1	-	-	-	-	-
	20+76	77.00	LT	STH 33/HILL ST	-	-	-	-	-	-	1	1	1	-
	20+80	7.00	RT	STH 33/HILL ST	-	-	1	-	-	-	-	-	-	-
	20+83	7.00	RT	STH 33/HILL ST	-	-	-	-	-	-	-	-	-	-
	20+88	29.00	LT	STH 33/HILL ST	-	-	-	-	1	-	-	-	-	-
	20+87	7.00	RT	STH 33/HILL ST	-	-	1	-	-	-	-	-	-	-
	21+01	7.00	RT	STH 33/HILL ST	-	-	1	-	-	-	-	-	-	-
	25+31	7.00	RT	STH 33	-	-	1	-	-	-	-	-	-	-
	25+49	11.00	LT	STH 33	-	-	1	-	-	-	-	-	-	-
	26+14	25.00	LT	STH 33	-	-	-	-	-	-	-	-	-	-
	26+39	7.00	LT	STH 33	2	-	-	2	-	1	2	-	-	-
	28+46.41	14.00	LT	STH 33	-	-	-	-	-	-	-	1	-	-
UNDISTRIBUTED					-	-	-	-	-	-	-	-	-	1000
TOTAL CATEGORY 0010, 5090-05-61					3	3	12	4	10	2	5	6	5	1000

1-ADJUST EXISTING VALVE BOX

STA 4+65, 18' LT
1-CONNECT TO EXISTING WATER MAIN
1-ABANDON EXISTING WATER MAIN
25 L.F. - 8" D.I.W.M. (EXISTING TO TEE
(FIELD VERIFY LOCATION AND ELEV.)

BRIGHTSPEED
FO

46 L.F. - 8" D.I.W.M.
(TEE TO TEE)

STA 4+48, 26' RT
1-8" 45° BEND
1-ABANDON EXISTING WM

BP: 3+00.00

OVERHEAD SIGN
STRUCTURE
S-56-XX-XX

STA 4+24, 37' RT
1-REMOVE EXISTING HYDRANT
60 L.F. - REMOVE EXISTING WM
1-ABANDON EXISTING WATER MAIN

ALLIANT ENERGY
ELEC

STA 4+35, 46' RT
1-HYDRANT
BURY LINE ELEV.=877.92
1-8"X6" TEE
1-6" VALVE & BOX
12 L.F. - 6" D.I.W.M.

ALLIANT ENERGY
GAS

STA 4+46, 58' RT
1-8" VALVE & BOX
1-8"X6" REDUCER
1-CONNECT TO EXISTING WM
3 L.F. - 6" D.I.W.M
(FIELD VERIFY LOCATION AND ELEV.)

STA 4+64, 6' RT
1-8"X8" TEE
1-8" VALVE & BOX
6 L.F. - 8" D.I.W.M. (TEE TO REDUCER)

STA 5+02, 15' LT
2-REMOVE EXISTING VALVE BOX

EC: 5+14.66

PC: 4+26.73

VILLAGE OF WEST BARABOO
WATER

465 L.F. - 10" D.I.W.M. (REDUCER TO TEE)

STA 4+73, 7' RT
1-10"X8" REDUCER

STA 4+64, 11' RT
1-8" 45° BEND

STA 5+01, 20' RT
1-REMOVE EXISTING VALVE BOX

10 L.F. - 8" D.I.W.M.
(TEE TO TEE)

STA 5+28, 25' RT
1-1" CORP., CURB STOP, BOX
& RECONNECT
25 L.F. - 1" WATER SERVICE

STA 6+75, 25' RT
1-1" CORP., CURB STOP, BOX & RECONNECT
25 L.F. - 1" WATER SERVICE

STA 7+12, 25' RT
1-1" CORP., CURB STOP, BOX & RECONNECT
25 L.F. - 1" WATER SERVICE

STA 8+50, 25' LT
1-1" CORP., CURB STOP, BOX & RECONNECT
40 L.F. - 1" WATER SERVICE

STA 7+89, 26' LT
1-REMOVE HYDRANT
1-ABANDON EXISTING WM

ALLIANT ENERGY
GAS

STA 8+84 , 25' RT
1-1" CORP., CURB STOP, BOX & RECONNECT
25 L.F. - 1" WATER SERVICE

420 LINN ST
BAC LLC

410 LINN ST
BAC LLC

408 LINN ST
WISCONSIN RIVER TITLE CONSULTANT

507 LINN ST
TERESA K LLC

433 LINN ST
QSM HOLDINGS LLC

423 LINN ST
BARABOO, SCHOOL
DISTRICT OF

417 LINN ST
BARABOO, SCHOOL
DISTRICT OF

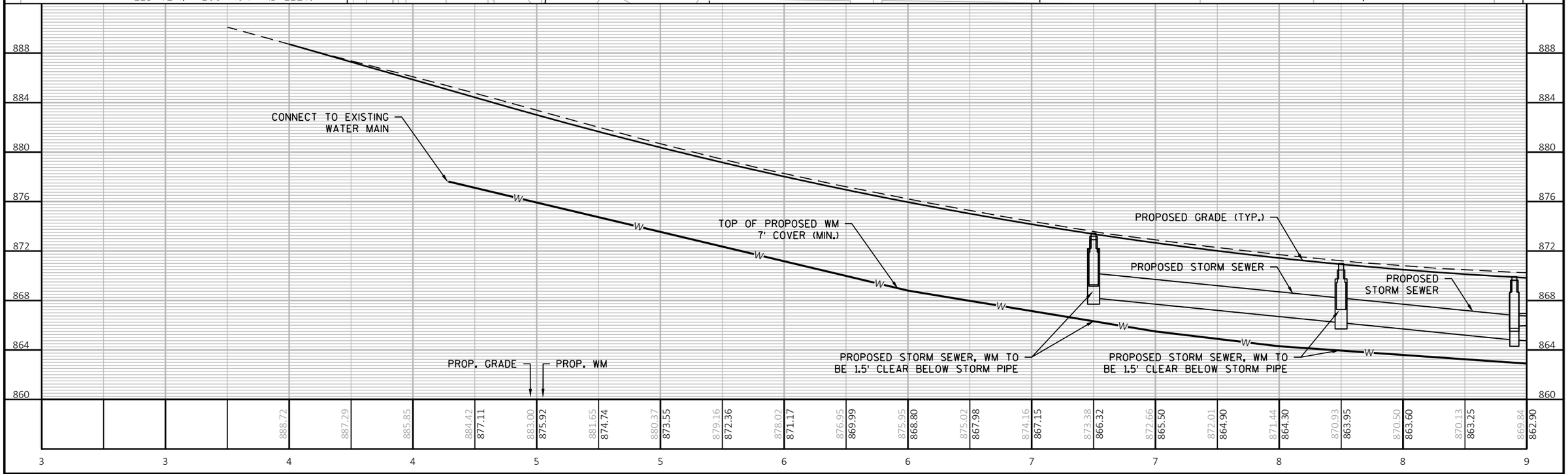
401 LINN ST
TOP HAT HOLDINGS LLC

W MULBERRY ST

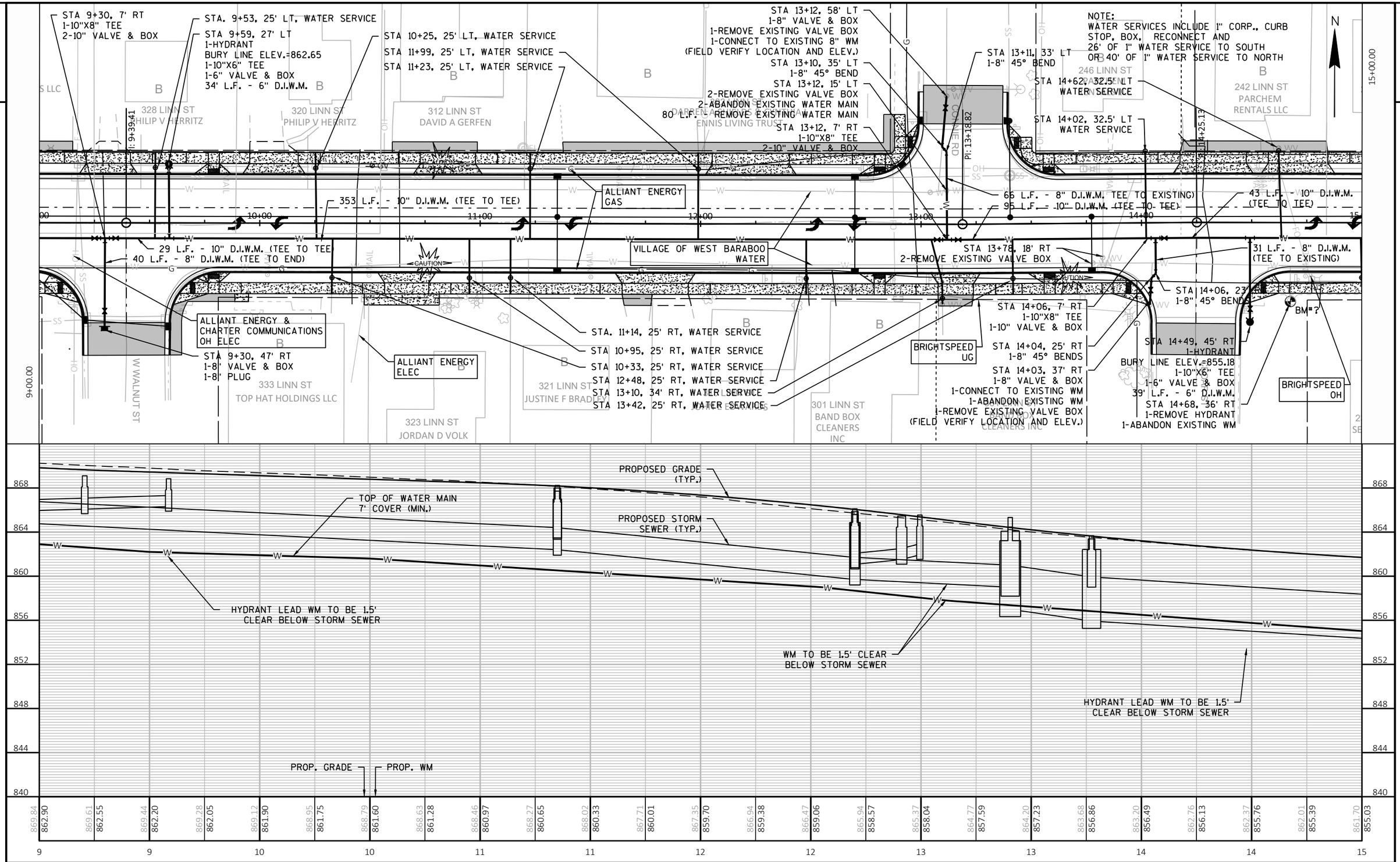
JOEY M VAN WIE LC

N

9+00.00



PROJECT NO: 5090-05-61	HWY: STH 33	COUNTY: SAUK	WATER MAIN & SANITARY SEWER PLAN & PROFILE	SHEET 12	E



PROJECT NO: 5090-05-61	HWY: STH 33	COUNTY: SAUK	WATER MAIN & SANITARY SEWER PLAN & PROFILE	SHEET 13	E

FILE NAME : \\MSA-PS.COM\FS\PROJECT\00\00082\00082082\CADD\C3D\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - 023002
PLOT DATE : 5/1/2023 9:38 AM
PLOT BY : ZACH ADAMS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTE:
WATER SERVICES INCLUDE 1" CORP., CURB STOP, BOX, RECONNECT AND 26' OF 1" WATER SERVICE TO SOUTH OR 40' OF 1" WATER SERVICE TO NORTH PROVIDE 18" MIN SEPARATION BETWEEN WATER SERVICES AND SEWER AND INSULATION

STA. 15+66, 32.5' LT, WATER SERVICE
STA 16+50, 32.5' LT, WATER SERVICE
STA 16+65, 25' LT
1-HYDRANT
BURY LINE ELEV.=853.63
1-10"X6" TEE
1-6" VALVE & BOX
32 L.F. - 6" D.I.W.M.
STA 19+08, 32.5' LT, WATER SERVICE
STA 19+02, 14' LT
1-REMOVE EXISTING VALVE BOX
STA 17+46, 32.5' LT, WATER SERVICE
STA 18+34, 32.5' LT, WATER SERVICE
START OF ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
ALLIANT ENERGY ELEC & CHARTER COMMUNICATIONS
(FIELD VERIFY LOCATION AND ELEV.)
STA 20+76, 71' LT
1-8" - 45° BENDS
42 L.F. - 8" D.I.W.M. (TEE TO REDUCER)
STA 20+88, 29' LT
1-8" - 45° BENDS
STA 20+67, 37' LT
1-HYDRANT
BURY LINE ELEV.=858.18
1-8"X6" TEE
1-6" VALVE & BOX
1-8" VALVE & BOX
20 L.F. - 6" D.I.W.M.
STA 20+76, 77' LT
1-8"X6" REDUCER
4 L.F. - 6" D.I.W.M.
1-CONNECT TO EXISTING WM
1-ABANDON EXISTING WM
BM*?
STA 22+66, 35' LT
1-REMOVE EXISTING HYDRANT
1-REMOVE VALVE BOX
215 L.F. - 10" D.I.W.M. (TEE TO TEE)
236 L.F. - 10" D.I.W.M. (TEE TO TEE)
STA 19+02, 20' RT
1-REMOVE EXISTING VALVE BOX
183 L.F. - 10" D.I.W.M. (TEE TO TEE)
43 L.F. - 8" D.I.W.M. (TEE TO TEE)
ALLIANT ENERGY ELEC OH
CAUTION
VILLAGE OF WEST BARABOO WATER
84 L.F. - 8" D.I.W.M. TEE TO REDUCER)
BRIGHTSPEED FO OH
STA 17+02, 25' RT, WATER SERVICE
STA. 16+27, 25' RT, WATER SERVICE
STA 18+08, 25' RT, WATER SERVICE
STA 15+60, 25' RT, WATER SERVICE
STA 15+00, 25' RT, WATER SERVICE
STA 19+41 - STA 26+05 LT/RT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.
STA 18+34, 54' RT
1-HYDRANT
BURY LINE ELEV.=851.48
1-8"X6" TEE
1-6" VALVE & BOX
17 L.F. - 6" D.I.W.M.
STA 18+87, 72' RT
1-8" 45° BENDS
STA 18+87, 82' RT
1-8" VALVE & BOX
1-8"X6" REDUCER
3' L.F.-6" D.I.W.M.
1-CONNECT TO EXISTING WM
1-ABANDON EXISTING WM
(FIELD VERIFY ELEVATION AND LOCATION)
ALLIANT ENERGY GAS
71
STA 19+01, 7' RT
1-8"X10" TEE
2-10" VALVE & BOX
STA 19+35, 55' RT,
WATER SERVICE
STA 19+01, 58' RT
1-8" 45° BENDS
STA 20+83, 7' RT
1-10"X8" TEE
1-10" VALVE & BOX
VILLAGE OF WEST BARABOO SANITARY SEWER
STA 20+00, 25' RT,
WATER SERVICE
STA 19+81, 29' RT,
1-SANITARY SEWER
MANHOLE

224 LINN ST WEST HILL DEVELOPMENT LLC
218 LINN ST WEST HILL DEVELOPMENT LLC
206 LINN ST WEST HILL DEVELOPMENT LLC
166 LINN ST
615 W HILL ST WEST HILL DEVELOPMENT LLC
HILL ST
221 LINN ST HAROLD L MEYER
213 LINN ST JILL L LUCE
RICKY C MERGEN
ROY G FRANZEN
WILLOW

PROPOSED GRADE (TYP.)
PROPOSED STORM SEWER (TYP.)
SAN SEWER MH, 48"
STA 19+81, 29' RT
RIM = 858.41
I.E. = 850.79 (8" E), CAPPED
I.E. = 851.00 (8" W)
TOP OF WATER MAIN
7' COVER (MIN.)
224 L.F. - 8" PVC SAN. SEWER @ 1.32%
STA 16+51, 7.0' RT
1-10" 45° BEND
STA 16+60, 7.0' RT
1-10" 45° BEND
STA 16+69, 7.0' RT
1-10" 45° BEND
STA 16+81, 7.0' RT
1-10" 45° BEND
PROVIDE 18" MIN. SEPARATION BETWEEN WATER AND SEWER AND INSULATION
STA 20+65, 7.0' RT
1-10" 45° BEND
STA 20+80, 7.0' RT
1-10" 45° BEND
PROVIDE 18" MIN. SEPARATION BETWEEN WATER AND SEWER AND INSULATION
STA 20+87, 7.0' RT
1-10" 45° BEND
STA 21+01, 7.0' RT
1-10" 45° BEND
PROP. GRADE
PROP. WM

861.70	861.43	861.20	861.01	860.82	860.64	860.46	860.27	860.09	859.90	859.72	859.54	859.37	859.19	859.02	858.86	858.70	858.54	858.38	858.23	858.08	857.93	857.79	857.65	857.51
855.03	854.66	854.29	853.97	853.80	853.63	853.46	852.20	853.12	852.95	852.78	852.61	852.44	852.27	852.10	851.90	851.66	851.41	851.16	850.92	850.67	850.43	850.18	847.98	849.51
15	15	16	16	17	17	18	18	19	19	20	20	21												

PROJECT NO: 5090-05-61	HWY: STH 33	COUNTY: SAUK	WATER MAIN & SANITARY SEWER PLAN & PROFILE	SHEET 14	E

5

5

STA. 21+65, 32.5' LT, WATER SERVICE

STA. 22+36, 16' LT
3-REMOVE EXISTING VALVE BOX
1-REMOVE EXISTING CONCRETE STRUCTURE

STA 22+56, 32.5' LT, WATER SERVICE

STA. 24+02 TO STA 24+22, 13' LT,
24" CASING PIPE FOR 10" D.I.W.M.

CHARTER COMMUNICATIONS
FO UG

146 LINN ST
JAMES F STANDIFORD

138 LINN ST
KARL A DENKER

VILLAGE OF WEST
BARABOO WATER MAIN

CHARTER COMMUNICATIONS
FO UG

STA 26+14, 25' LT
1-HYDRANT
BURY LINE ELEV.=854.64
1-10"X6" TEE
1-10" VALVE & BOX
1-6" VALVE & BOX
16' L.F. - 6" D.I.W.M.

CHARTER COMMUNICATIONS
FO UG

STA 25+61, 25' LT, WATER SERVICE

STA 25+55, 25' LT, WATER SERVICE

ALLIANT POLE IN CONFLICT WITH
REQUIRED BACK OF CURB OFFSET

END OF ARCHAEOLOGICAL AND
HISTORIC SENSITIVE AREA
STA 26+39, 7' LT
1 - WATER METER MANHOLE,
SEE DETAIL
2-8" X 8" TEE
3-8" VALVE & BOX
2-8" 90° BENDS
1-10" X 8" REDUCER
2-8" X 6" REDUCER
48 L.F. - 8" D.I.W.M.
12 L.F. - 6" D.I.W.M.

VILLAGE LIMITS

STA. 25+49, 12' RT
1 - 10" 45° BEND

25 L.F. - 10" D.I.W.M. (BEND TO BEND)

8 L.F. - 10" D.I.W.M. (TEE TO REDUCER)

65 L.F. - 10" D.I.W.M. (BEND TO TEE)

450 L.F. - 10" D.I.W.M. (TEE TO BEND)

STA 26+22, 17' LT
3-REMOVE EXISTING VALVE BOX
1-REMOVE EXISTING CONCRETE STRUCTURE

STA. 25+31, 7' RT
1 - 10" 45° BEND

ALLIANT ENERGY
GAS

STA 23+93, 48' RT,
1-ADJUST EXISTING SANITARY SEWER

ALLIANT ENERGY ELEC &
CHARTER COMMUNICATIONS OH

CITY OF BARABOO
SANITARY SEWER

STA 21+62, 32.5' RT, WATER SERVICE

147 LINN ST
KPG RIVERWALK

STA 22+01, 27' RT,
1-ADJUST EXISTING SANITARY SEWER
1-CONNECT TO EXISTING SANITARY SEWER

STA 22+11, 36' RT,
1-ADJUST EXISTING SANITARY SEWER

224 L.F. - 8" PVC SAN. SEWER @ 1.32%

BRIGHTSPEED
FO UG

STA 22+56, 49' RT, WATER SERVICE (FIELD VERIFY ELEV. AND LOCATION)

STA 22+28, 42' RT, WATER SERVICE (FIELD VERIFY ELEV. AND LOCATION)

STA 22+16, 42' RT, WATER SERVICE (FIELD VERIFY ELEV. AND LOCATION)

135 LINN ST
KPG RIVERWALK

STA 19+41 - STA 26+05 LT/RT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS FOR DETAILS.

VILLAGE OF WEST BARABOO
SANITARY SEWER

NOTE:
WATER SERVICES INCLUDE 1" CORP., CURB
STOP, BOX, RECONNECT AND
26' OF 1" WATER SERVICE TO SOUTH
OR 40' OF 1" WATER SERVICE TO NORTH

EX. SAN SEWER MH
STA 22+02, 28' RT
RIM = 857.74
I.E. = 847.80 (8" W) OUSIDE
I.E. = 844.74 (8" W) DROP
I.E. = 844.43 (12" N)
I.E. = 844.32 (12" E)

PROPOSED GRADE
(TYP.)

TOP OF WATER MAIN
7' COVER (MIN.)

PROPOSED STORM
SEWER (TYP.)

CONNECT TO EXISTING
SAN. SEWER MAIN AT
OUTSIDE DROP, EXISTING
MANHOLE TO REMAIN

WM TO BE 1.5' CLEAR
BELOW STORM PIPES

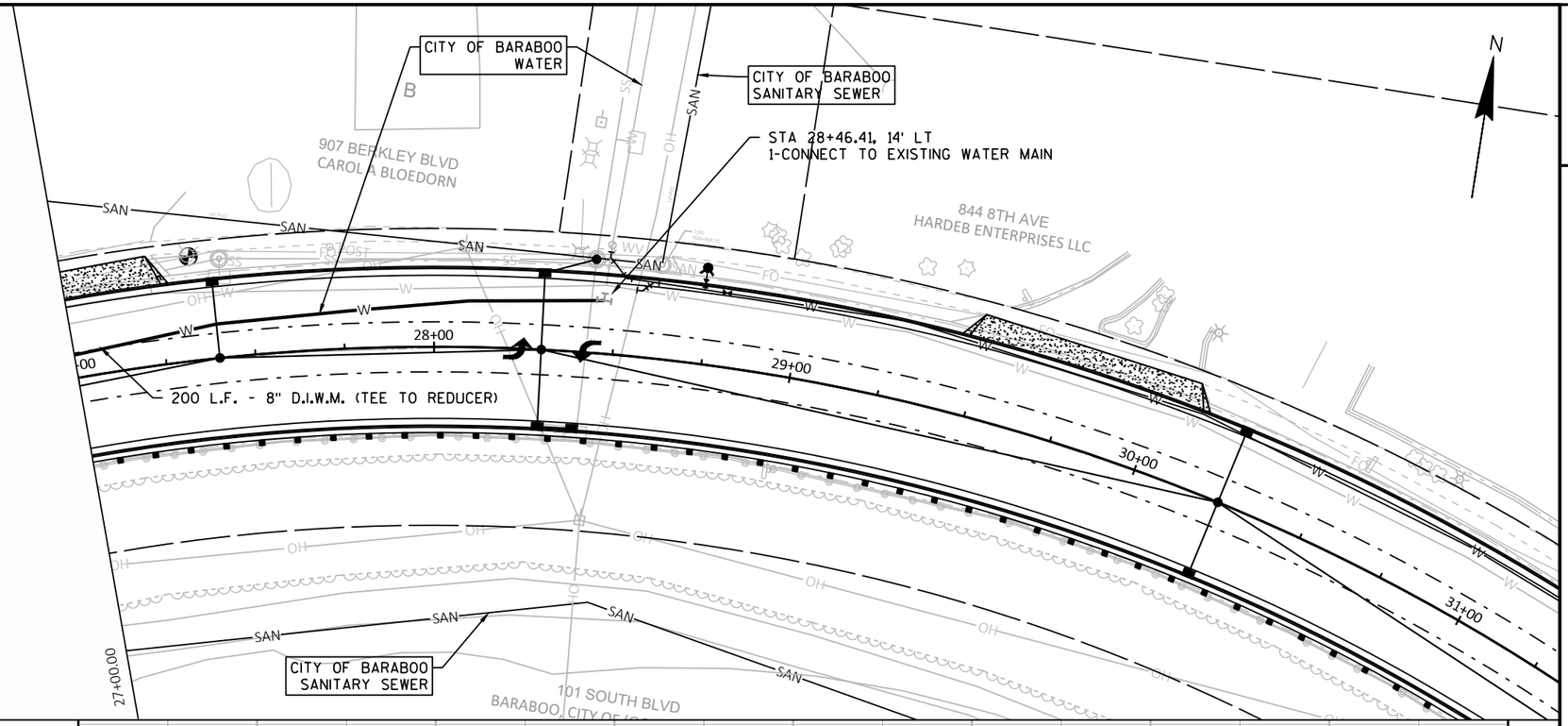
WM BOTTOM TO BE 1.5' ABOVE
TOP OF STORM CULVERT.
INSTALL 12' X 8' RIGID
INSTALLATION (4" THICK) BELOW
WM, AND 8' X 4' RIGID
INSULATION ABOVE WM

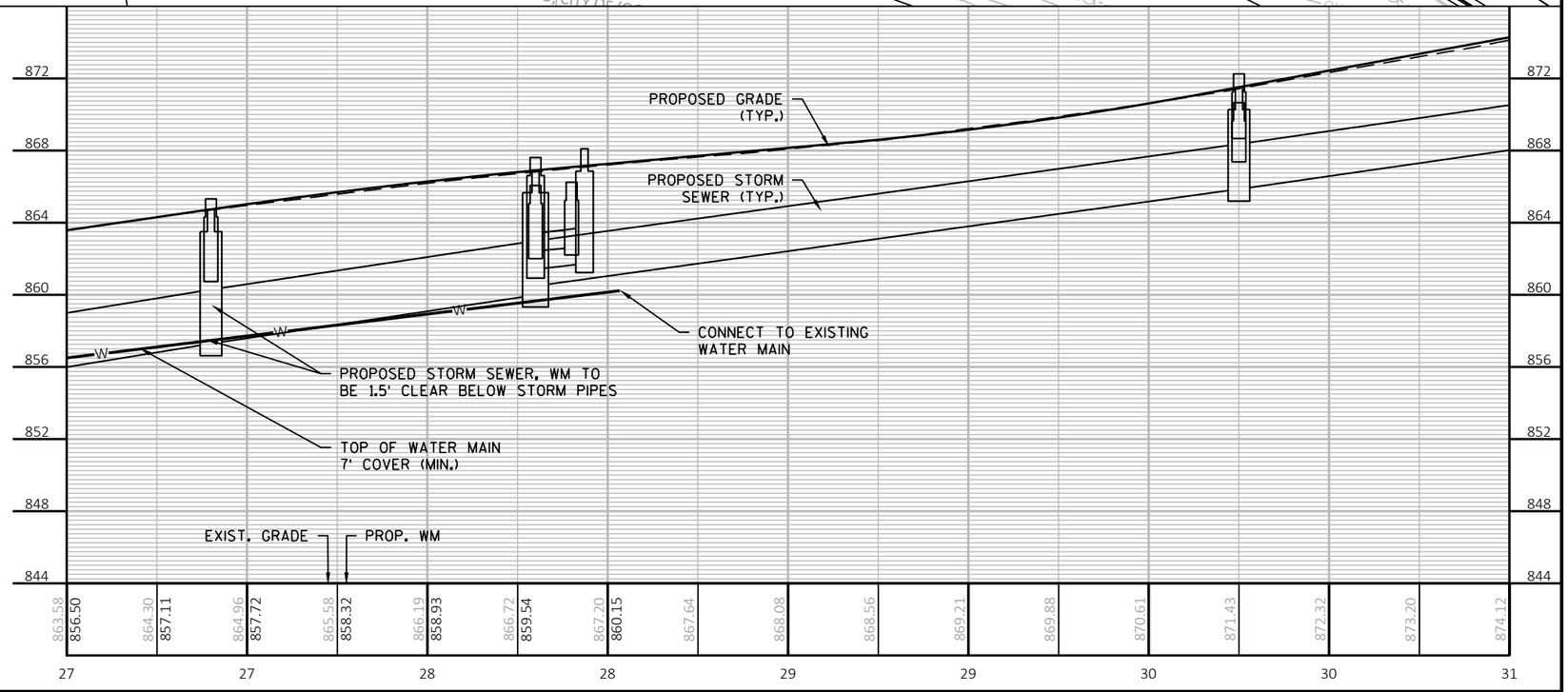
PROP. GRADE

PROP. WM

| | | |

5





PROJECT NO: 5090-05-61	HWY: STH 33	COUNTY: SAUK	WATER MAIN & SANITARY SEWER PLAN & PROFILE	SHEET 16	E

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov

MAD

AUGUST 2023

PROJECT ID: **5090-05-72**

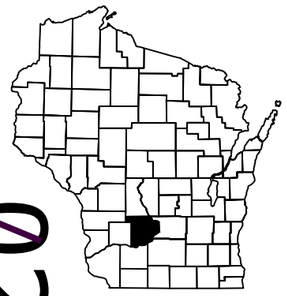
WITH: 5090-05-60, 5090-05-61 & 5090-05-71

COUNTY: **SAUK**

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
~~**Section No.**~~	~~4~~	~~Right-of-Way Plat~~
~~**Section No.**~~	~~5~~	~~Plan and Profile~~
~~**Section No.**~~	~~6~~	~~Standard Detail Drawings~~
~~**Section No.**~~	~~7~~	~~Sign Plates~~
~~**Section No.**~~	~~8~~	~~Structure Plans~~
~~**Section No.**~~	~~8~~	~~Computer Earthwork Data~~
~~**Section No.**~~	~~9~~	~~Cross Sections~~

TOTAL SHEETS = 44



02

N

DESIGN DESIGNATION

A.A.D.T.	2021	=	12,500
A.A.D.T.	2041	=	13,700
D.H.V.		=	1,274 VDP
D.D.		=	59/41
T.		=	10.8%
DESIGN SPEED		=	30 MPH
ESALS		=	2,400,000

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

C BARABOO, EIGHTH STREET

W CITY LIMIT TO LINCOLN AVENUE

STH 33

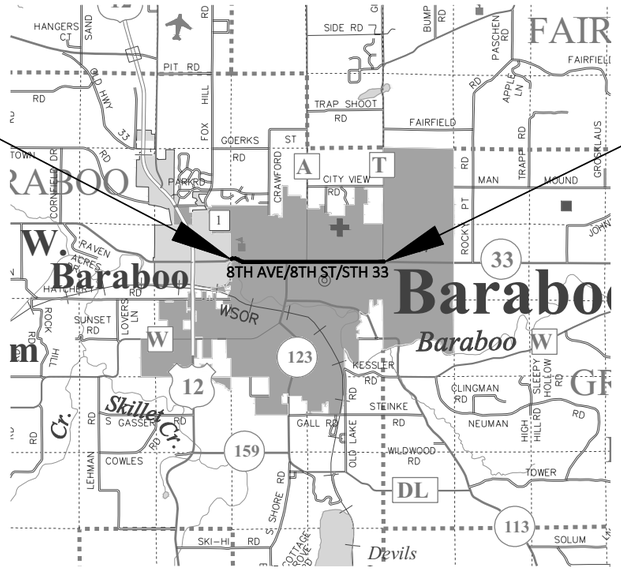
SAUK COUNTY

STATE PROJECT NUMBER
5090-05-72

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5090-05-72	———	—

BEGIN PROJECT
STA 26+50
Y = 239081.3364
x = 646445.1083

END PROJECT
STA 134+28
Y = 238839.3319
X = 657164.4795



LAYOUT

SCALE 0 — 2 MI

TOTAL NET LENGTH OF CENTERLINE = **2 MI**

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

ACCEPTED FOR
CITY OF BARABOO

4/21/23 (DATE) — *Thomas S Pinion* (SIGNATURE)

ORIGINAL PLANS PREPARED BY

SEH

WISCONSIN
JEREMY J TOMESH
E-398986
LA CROSSE WI
PROFESSIONAL ENGINEER

4/20/2023 (Date) — (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	OES
Designer	SEH
Project Manager	GREG BRECKA
Regional Examiner	SW REGION
Regional Supervisor	MARC SCHWEIGER

APPROVED FOR THE DEPARTMENT
DATE: 4/24/23 (Signature)

E

FILE NAME : X:\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\010101-TI.DWG PLOT DATE : 3/31/2023 8:45 AM PLOT BY : CHARISSA CARLSON PLOT NAME :

STANDARD ABBREVIATIONS:

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AECPRC	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
AECPCS	APRON ENDWALL FOR CULVERT PIPE CORRUGATED STEEL
ASPH	ASPHALTIC
AVG	AVERAGE
ADT	AVERAGE DAILY TRAFFIC
BF	BACK FACE
BM	BENCH MARK
BR	BRIDGE
CE	COMMERCIAL ENTRANCE
CL OR C/L OR ℄	CENTER LINE
Δ	CENTRAL ANGLE OR DELTA
CONC	CONCRETE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPCS	CULVERT PIPE CORRUGATED STEEL
CR	CREEK
CY	CUBIC YARD
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DISCH	DISCHARGE
DG	DITCH GRADE
DWY	DRIVEWAY
X	EAST GRID COORDINATE
EAT	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
EOR	END POINT OF RADIUS
EL	ELEVATION
ENT	ENTRANCE
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FC	FACE OF CURB
FF	FACE TO FACE
FERT	FERTILIZE
FE	FIELD ENTRANCE
FL	FLOW LINE
FO	FIBER OPTIC
CWT	HUNDREDWEIGHT
HYD	HYDRANT
ID	INSIDE DIAMETER
INV	INVERT
IP	IRON PIPE OR PIN
LHF	LEFT-HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MH	MANHOLE
MOR	MID POINT OF RADIUS
MCE	MARKERS CULVERT END
NC	NORMAL CROWN
NO	NUMBER
OBLIT	OBLITERATE
PAVT	PAVEMENT
PE	PRIVATE ENTRANCE
PVRC	POINT OF VERTICAL REVERSE CURVE
QOR	QUARTER POINT OF RADIUS
R	RADIUS
REQ'D	REQUIRED
RES	RESIDENCE OR RESIDENTIAL
RHF	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RDWY	ROADWAY
R/L OR ℄	REFERENCE LINE
SALV	SALVAGED
SAN	SANITARY SEWER
SF	SQUARE FEET
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STA	STATION
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SE	SUPERELEVATION RATE
TC	TOP OF CURB
T OR TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
VAR	VARIABLE
VC	VERTICAL CURVE
Y	NORTH GRID COORDINATE
YD	YARD

GENERAL NOTES:

HYDRANT AND VALVE LOCATIONS SHOWN ARE APPROXIMATE. FINAL LOCATIONS TO BE DETERMINED AT THE TIME OF CONSTRUCTION.

LENGH OF PVC SANITARY SEWER LATERAL REPLACEMENT TO BE DETERMINED IN THE FIELD BY THE CITY OF BARABOO.

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE APPROXIMATE USGS DATUM.

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

SEE PROJECT ID 5090-05-60 AND 5090-05-71 FOR UTILITY CONNTACTS AND ADDITIONAL GENERAL NOTES.

SEE PROJECT 5090-05-60/71 FOR TRAFFIC CONTROL AND STAGING PLANS

FIELD ADJUST SERVICE CONNECTION LOCATIONS AS NEEDED TO AVOID IMPACTS TO EXISTING RETAINING WALLS THAT ARE TO REMAIN.

ORDER OF SECTION 2 SHEETS:

GENERAL NOTES
CONSTRUCTION DETAILS
PLAN AND PROFILE

DESIGN CONSULTANT

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JTOMESH@SEHINC.COM

CITY OF BARABOO

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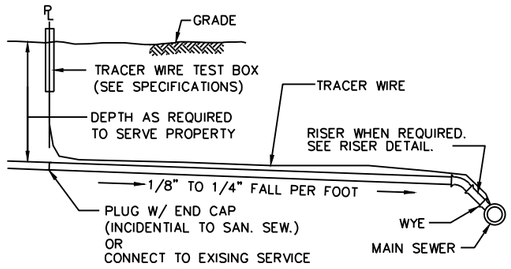
UTILITY SUPERINTENDENT
WPETERSON@CITYOFBARABOO.COM

WDNR LIAISON

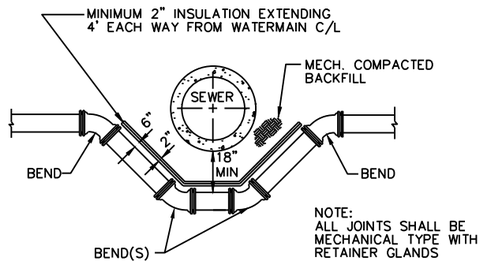
(608) 235-2955
ANDY BARTA
ANDREW.BARTA@WISCONSIN.GOV

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

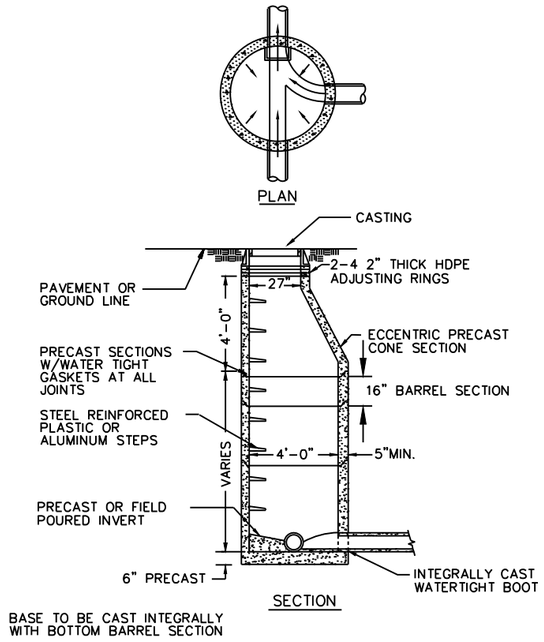
2



SANITARY SEWER SERVICE



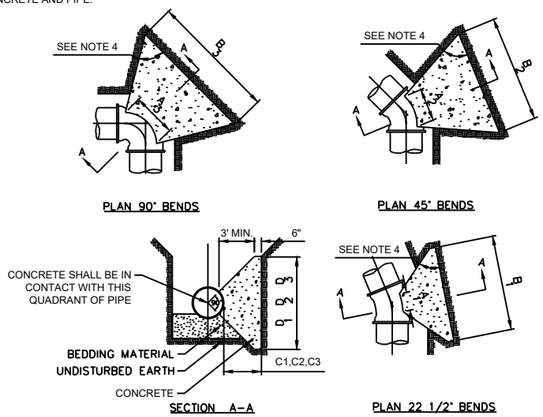
LOWER WATER MAIN



SANITARY MANHOLE

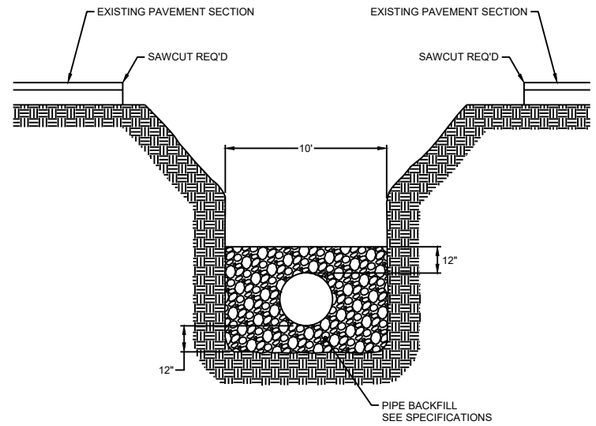
NOTES:
1. SHAPE OF BACK BUTTRESS MAY VARY AS LONG AS POURED AGAINST FIRM UNDISTURBED EARTH.
2. DIMENSION C1,C2,C3 SHOULD BE LARGE ENOUGH TO MAKE ANGLE θ EQUAL TO OR LARGER THAN 45°.
3. DIMENSION A1,A2,A3 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH MJ BOLTS.
4. 45° MINIMUM.
5. PLACE POLYETHYLENE BETWEEN CONCRETE AND PIPE.

BUTTRESS DIMENSIONS						
PIPE SIZE	22 1/2" BEND		45° BEND		90° BEND	
	B_1	D_1	B_2	D_2	B_3	D_3
6"	1'-5"	1'-5"	1'-5"	1'-5"	2'-1"	1'-6"
8"	1'-5"	1'-5"	2'-1"	1'-6"	2'-8"	2'-0"
12"	1'-10"	1'-10"	3'-4"	2'-0"	4'-9"	2'-6"
16"	3'-0"	2'-0"	3'-10"	3'-0"	6'-2"	3'-6"
20"	3'-6"	2'-8"	5'-6'	3'-4"	8'-4"	4'-0"
24"	4'-4"	3'-0"	6'-10"	3'-10"	9'-8"	5'-0"
30"	–	–	9'-3"	6'-0"	17'-0[illegible]	6'-0"



NTS

CONCRETE THRUST BLOCKING



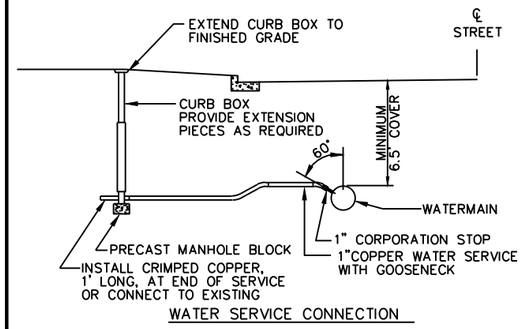
NOTES:

FROM WISCONSIN SEWER AND WATER UNDERGROUND MANUAL

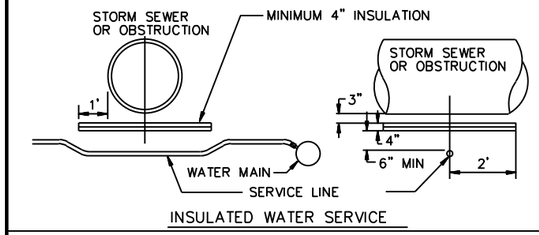
FOLLOW ASTM D2321 CLASS II

NTS

TYPICAL PAVEMENT CUT TRENCH SECTION FOR UTILITY CONSTRUCTION

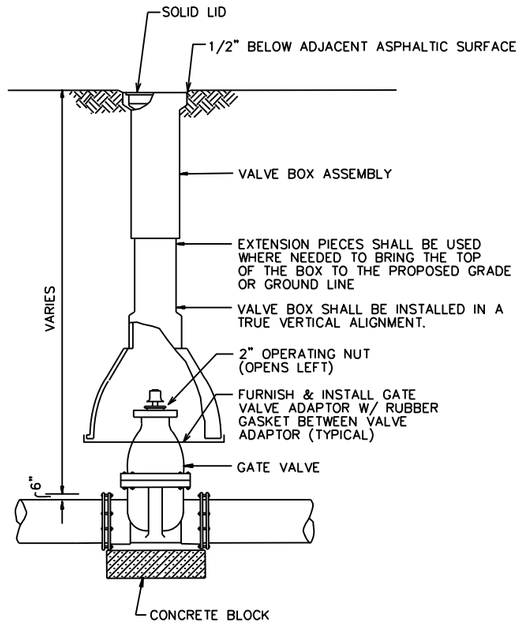


WATER SERVICE CONNECTION

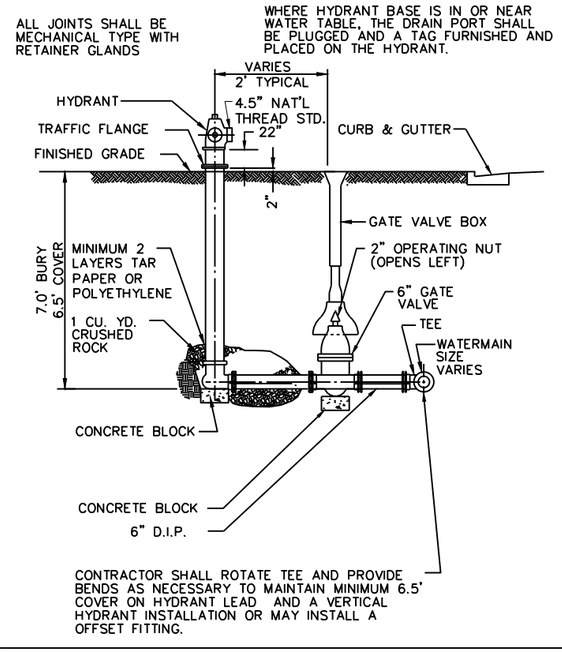


INSULATED WATER SERVICE

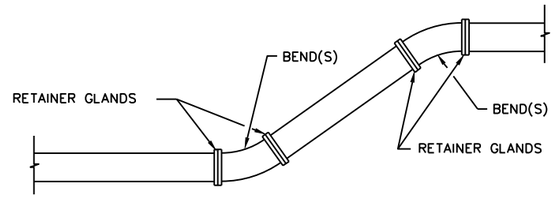
1" AND 2" WATER SERVICE CONNECTION



GATE VALVE & BOX



FIRE HYDRANT



JOINT RESTRAINT DETAIL

ALL WATER MAIN SHALL BE INSTALLED WITH APPROVED JOINT RESTRAINT CLAMPS, RODS, AND DEVICES AS ACCEPTED BY THE ENGINEER AT EACH FITTING. BASED UPON A 150 PSI TEST PRESSURE AND 8.0' COVER. THE FOLLOWING SHOWS THE MINIMUM LENGTH OF PIPE EACH WAY OF A FITTING TO BE RESTRAINED.

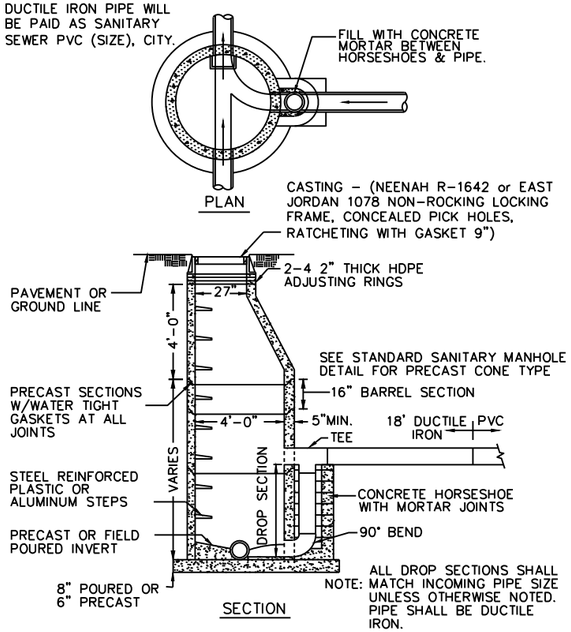
PIPE DIAMETER	DEAD END TEE BRANCH OR 90° BEND	45° BEND	22 1/2° BEND
6"	23 LF	7 LF	0 LF
8"	30 LF	10 LF	2 LF
10"	38 LF	12 LF	3 LF
12"	50 LF	14 LF	3 LF
16"	72 LF	24 LF	10 LF

WHERE RESTRAINED JOINTS ARE REQUIRED AND THE PIPE IS IN A CASING NEAR THE FITTING TO BE RESTRAINED, THE LENGTH OF PIPE IN THE CASING SHALL NOT BE INCLUDED IN THE LENGTH OF PIPE NECESSARY TO DEVELOP SUFFICIENT SOIL FRICTION TO OVERCOME THRUST.

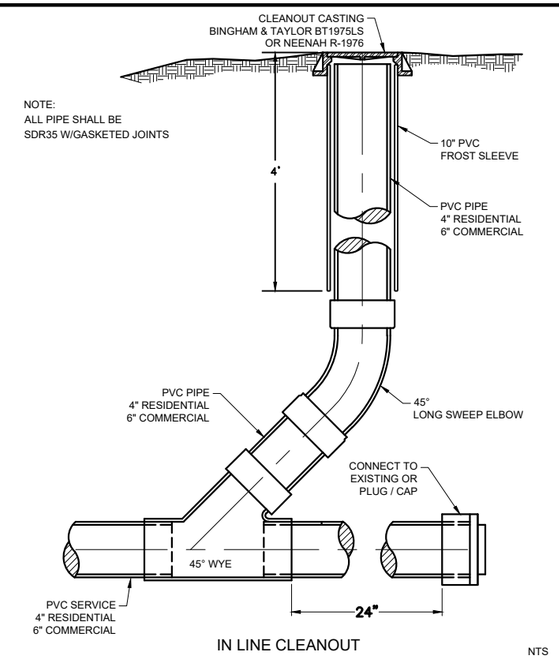
ALL HYDRANTS, VALVES, SERVICES, FITTINGS AND PLUGS, STUBS AND EXTENSIONS, AND BLIND FLANGES USED FOR RETAINING WATER PRESSURE MUST BE TIED WITH TIE RODS OR RISER CLAMPS AND MEGA LUG COMBINATION AS A PRESSURE RESTRAINT. ALL TIE RODS OR BARE METALS SHALL HAVE TWO COATS OF BITUMASTIC OR ACCEPTED EQUAL.

NTS

THRUST RESTRAINT

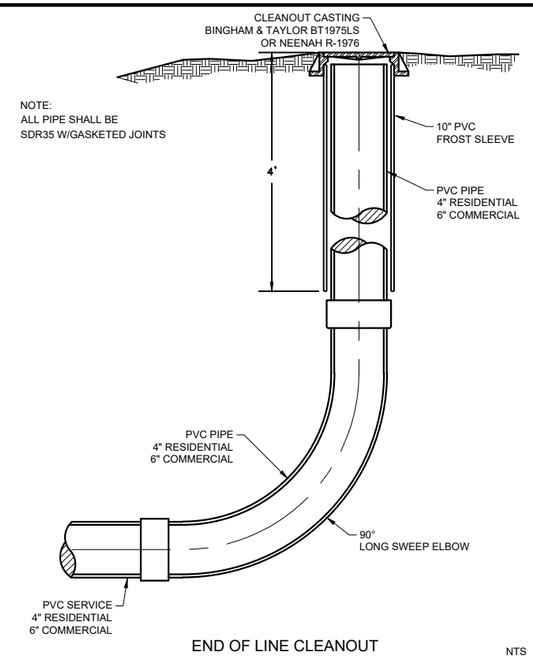


SANITARY DROP MH (OUTSIDE)



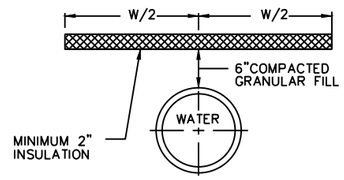
IN LINE CLEANOUT NTS

SANITARY SEWER SERVICE CLEANOUT

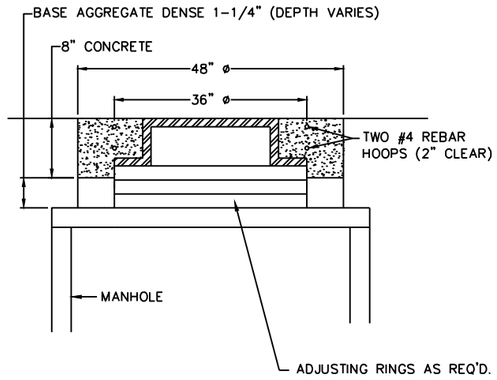


END OF LINE CLEANOUT NTS

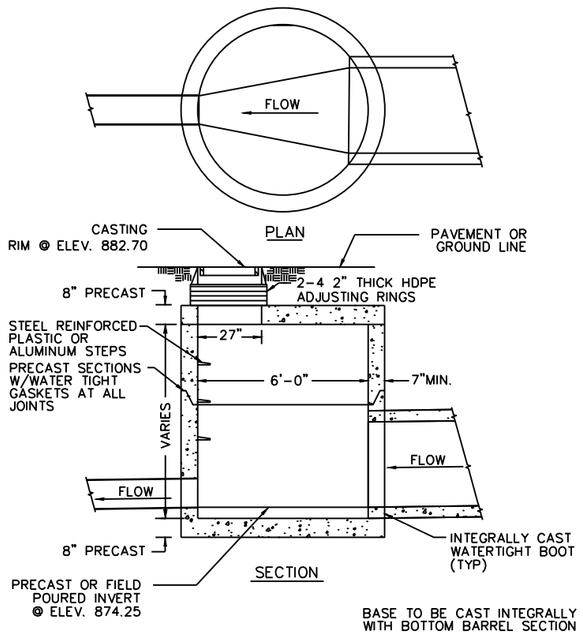
SANITARY SEWER SERVICE CLEANOUT



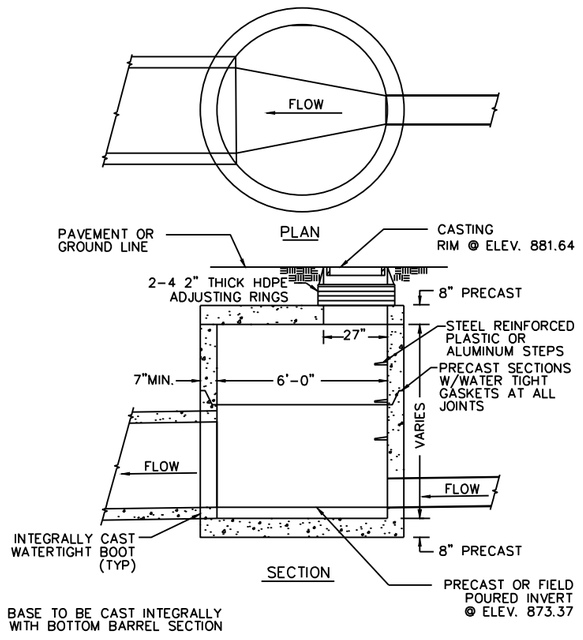
INSULATE WATER MAIN



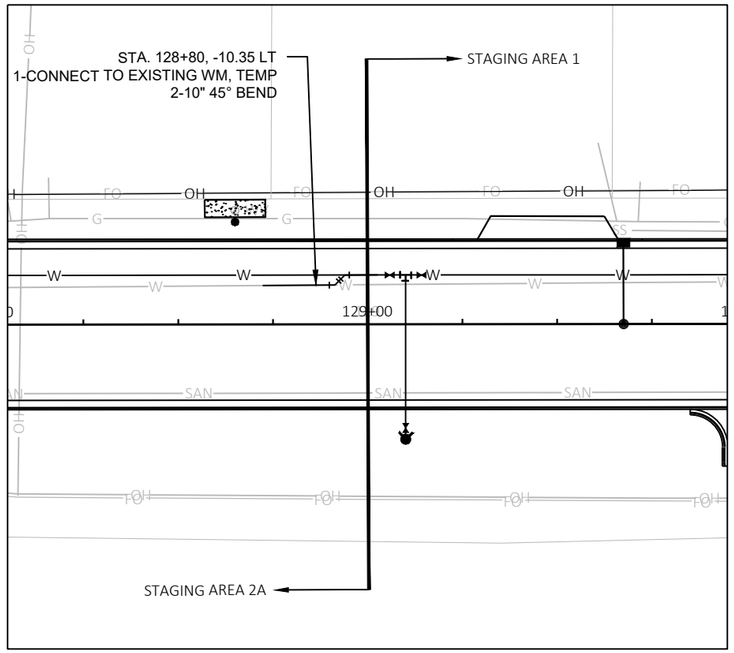
ADJUSTING MANHOLE COVERS



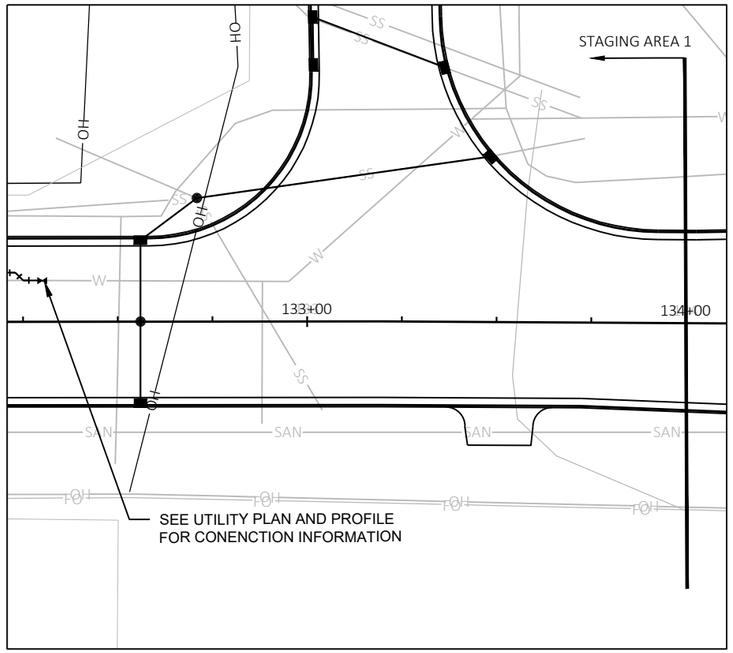
CONTRACTION MANHOLE (AT EAST STREET)



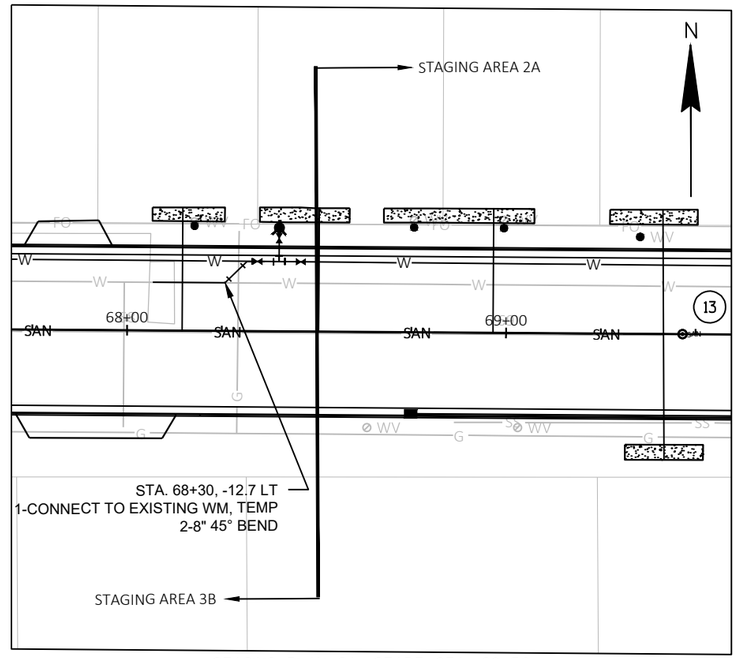
EXPANSION MANHOLE (AT EAST STREET)



STAGING PLAN 1: START STA. 129+00



STAGING PLAN 1: END STA. 134+00 EOP



STAGING PLAN 2A: START STA. 68+50

2

PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	STAGING DETAILS CONSTRUCTION DETAILS	SHEET 5	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-STAGING.DWG
LAYOUT NAME - 3
PLOT DATE : 4/26/2023 3:41 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

2

STA 28+47.26, -27.07' LT
1-CONNECT TO EXISTING WM
1-8"X6" REDUCER
13 LF-8" WATER MAIN

907 BERKLEY BLVD

CITY OF BARABOO
WATER

CHARTER
COMMUNICATIONS
FO UG

35418

INV=849.98

VILLAGE OF
WEST
BARABOO
WATER

STA 28+73.45, -26.98' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
13 LF-6" HYDRANT LEAD

CITY OF BARABOO
SAN

CITY OF BARABOO
WATER

844 8TH AVE

STA 28+73.36, -14.00' LT
1-8"X6" TEE
1- 8" GATE VALVE & BOX

CHARTER COMMUNICATIONS

N

STA 28+46.41, -14.00' LT
1-8"X8" TEE
COORDINATE CONTINUATION
OF WATERMAIN WITH
PROJECT ID 5090-05-61

8 " PVC PIPE
INVERT 1: 849.98
INVERT 2: 839.88
LENGTH: 137 FT
SLOPE: 7.38%

35509

839.88

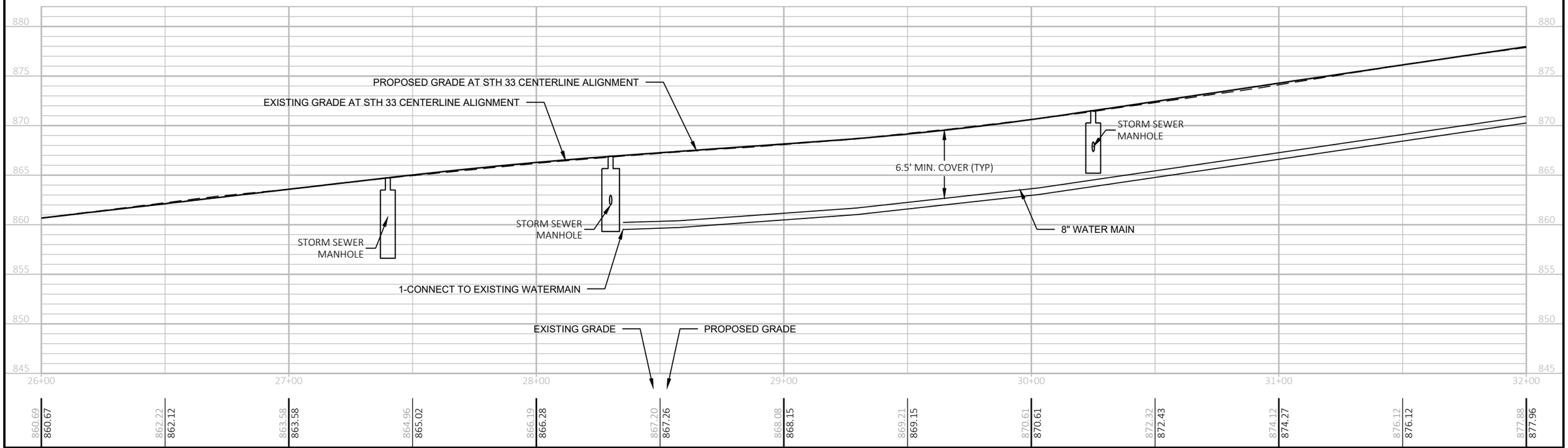
ALLIANT ENERGY ELEC &
CHARTER COMMUNICATIONS
OH

STA. 19+50 - STA. 26+50 LT/RT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISONS FOR DETAILS

101 SOUTH BLVD

ALLIANT ENERGY ELEC&
CHARTER COMMUNICATIONS
OH

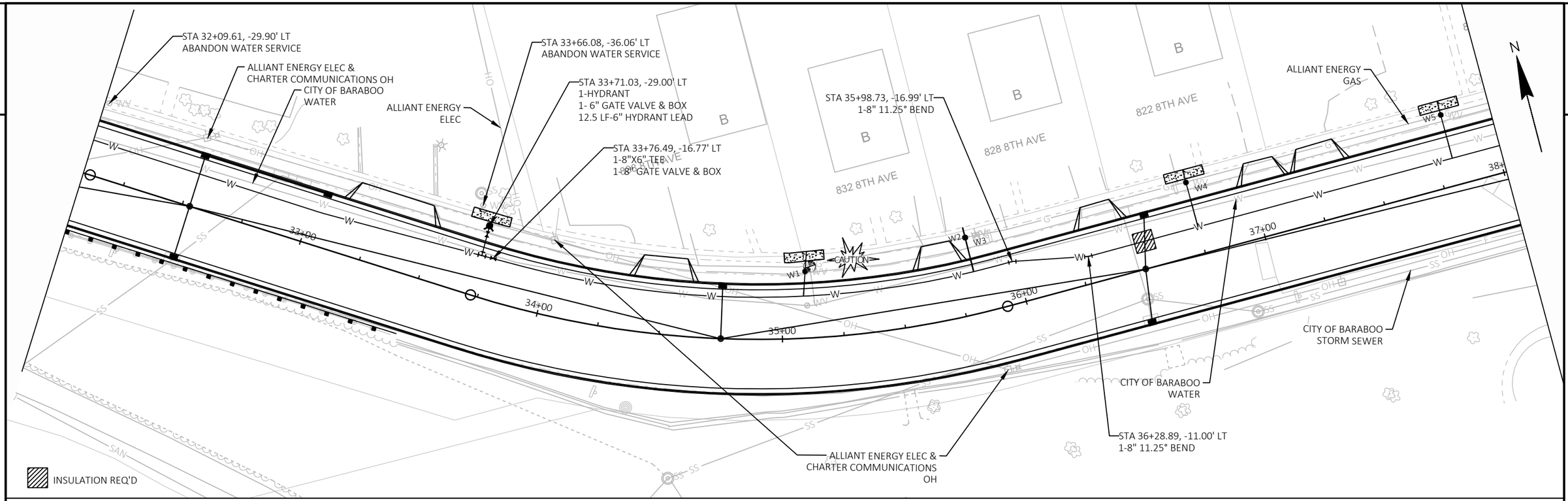
CITY OF BARABOO

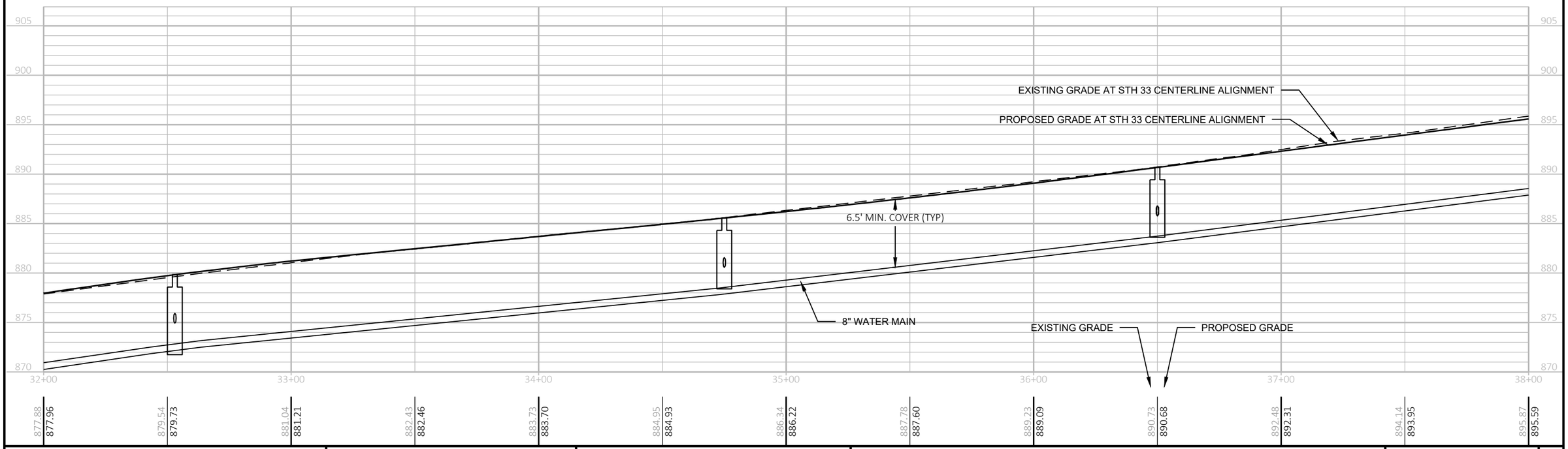


PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 6	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 01
PLOT DATE : 4/26/2023 3:42 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2





PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 7	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 02
PLOT DATE : 4/26/2023 3:43 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

STA 38+34.06, -26.54' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
15.5 LF-6" HYDRANT LEAD
STA 38+34.06, -11.00' LT
1-8"X6" TEE
1- 8" GATE VALVE & BOX

STA 40+25.70, -34.83' LT
ABANDON SANITARY SEWER SERVICE

REPLACE SANITARY SERVICE WYE,
8-INCH X 4-INCH

STA 40+07.14, -9.78' LT
1-8" 11.25° BEND
STA 40+00.96, -10.99' LT
1-8" 11.25° BEND

STA 40+26.03, -28.01' LT
ABANDON WATER SERVICE

BRIGHTSPEED UG
FO

STA 42+67.60, -56.15' LT
1-CONNECT TO EXISTING WM
1-8"X6" REDUCER
2-6" 45° BEND
7 LF-6" WATER MAIN

BRIGHTSPEED
FO OH

STA 42+70.55, -44.86' LT
1-8"X6" TEE
1-8" GATE VALVE & BOX
40.5 LF-8" WATER MAIN

STA 42+54.65, -45.17' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
16 LF-6" HYDRANT LEAD

ALLIANT ENERGY ELEC &
CHARTER COMMUNICATIONS
OH

STA 43+02.69, -9.46' LT
1-8" 22.5° BEND

STA 43+23.31, -18.00' LT
1-8" 22.5° BEND

BRIGHTSPEED
FO OH

ALLIANT ENERGY
GAS

BRIGHTSPEED
MANHOLE

ALLIANT ENERGY
GAS

ALLIANT ENERGY ELEC &
CHARTER COMMUNICATIONS
OH

WISDOT TRAFFIC SIGNAL

WISDOT TRAFFIC SIGNAL

STA 42+70.44, -9.78' LT
2-8" GATE VALVE & BOX
1-8"X8" CROSS

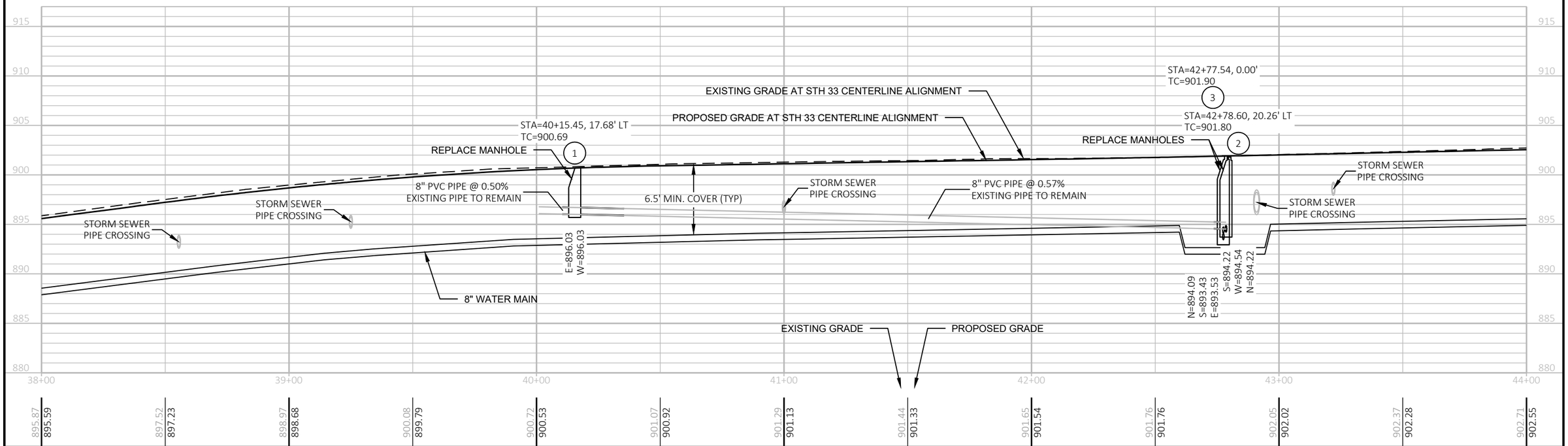
STA 42+69.35, 33.84' RT
1-8" GATE VALVE & BOX
1-8"X6" REDUCER
44 LF-8" WATER MAIN

ALLIANT ENERGY POLE

ALLIANT ENERGY ELEC OH &
CHARTER COMMUNICATIONS

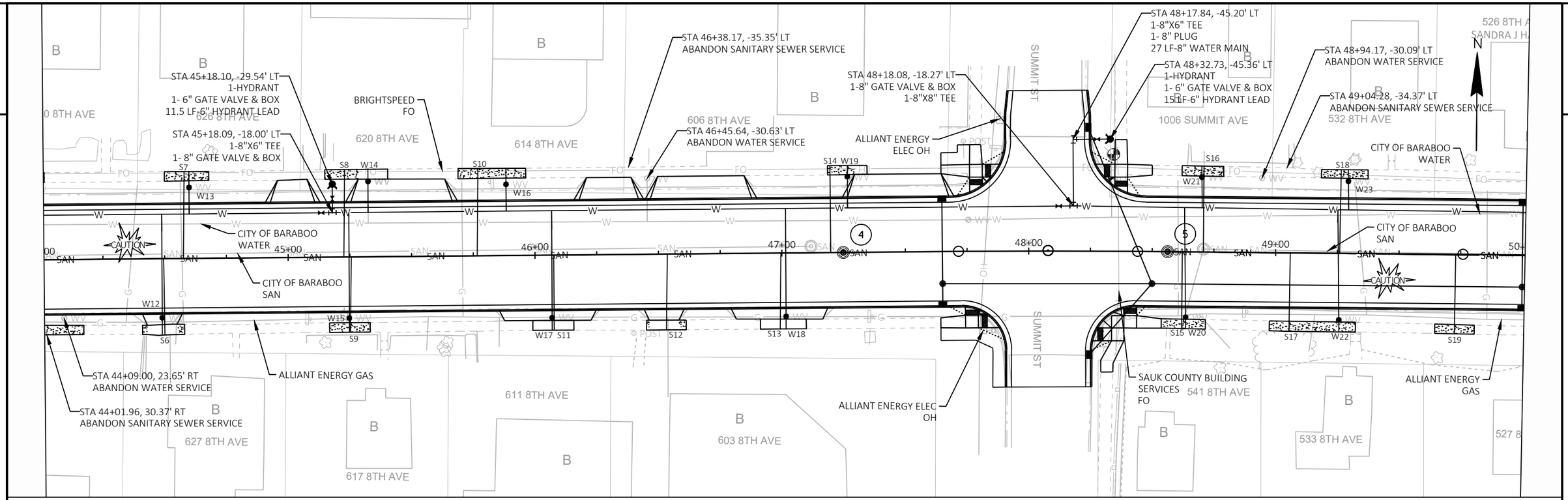
STA 42+66.39, 47.70' RT
1-CONNECT TO EXISTING WM
2-6" 45° BEND
14.5 LF-6" WATER MAIN

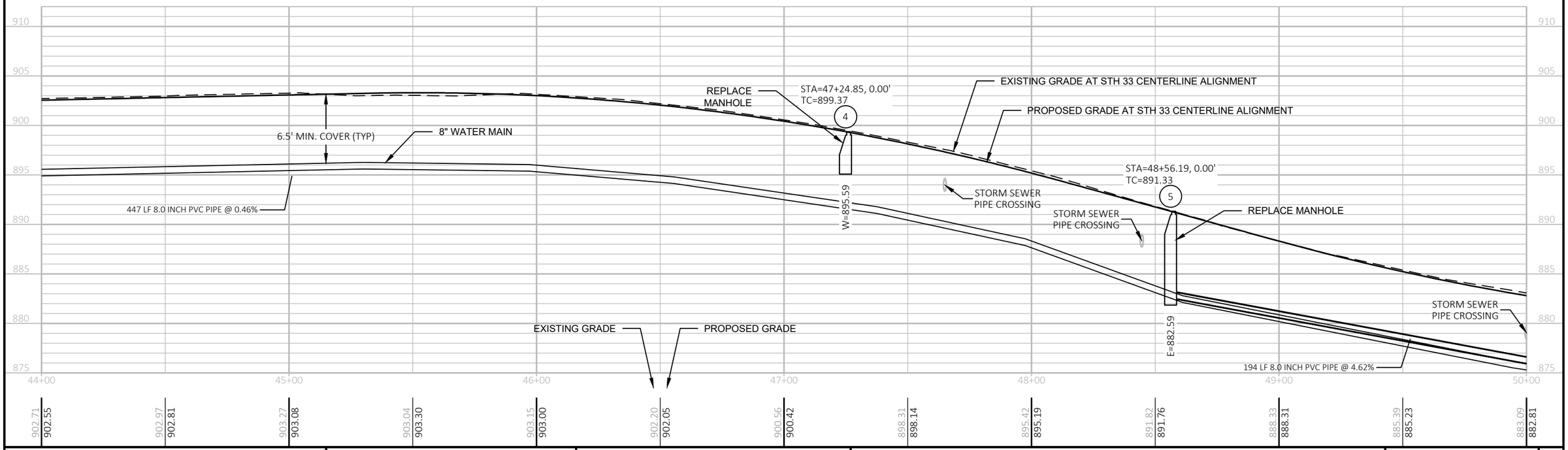
INSULATION REQ'D



PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 8	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 03
PLOT DATE : 4/26/2023 3:43 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42





PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 9	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 04
PLOT DATE : 4/26/2023 3:43 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

STA 51+91.18, -37.60' LT
1-8"X6" TEE
1- 8" GATE VALVE & BOX
25.5 LF-8" WATER MAIN
STA 51+80.84, -37.59' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
10.5 LF-6" HYDRANT LEAD
STA 51+91.21, -18.20' LT
1-8" GATE VALVE & BOX
1-8"X8" TEE

STA 51+94.17, -49.60' LT
1-CONNECT TO EXISTING WM
1-8"X6" REDUCER
2-6" 45° BEND
7.5 LF-6" WATER MAIN

STA 53+54.93, -27.53' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
9.5 LF-6" HYDRANT LEAD
STA 53+54.94, -18.11' LT
1-8"X6" TEE
1- 8" GATE VALVE & BOX

STA 53+25.11, -18.25' LT
1-8"X8" TEE

CITY OF BARABOO
WATER

BRIGHTSPEED
FO

BRIGHTSPEED
MANHOLE

CITY OF BARABOO
SAN

CITY OF BARABOO
STORM SEWER

STA 50+35.48, 32.42' RT
SANITARY SEWER SERVICE
FIELD VERIFY ACTIVE PRIOR TO WYE INSTALLATION
ABANDON SECONDARY

STA 51+57.47, 41.04' RT
SANITARY SEWER SERVICE
MOVE TO ALIGN WITH LOT

STA 52+10.79, 27.48' RT
SANITARY SEWER SERVICE
MOVE 5' EAST OF MANHOLE

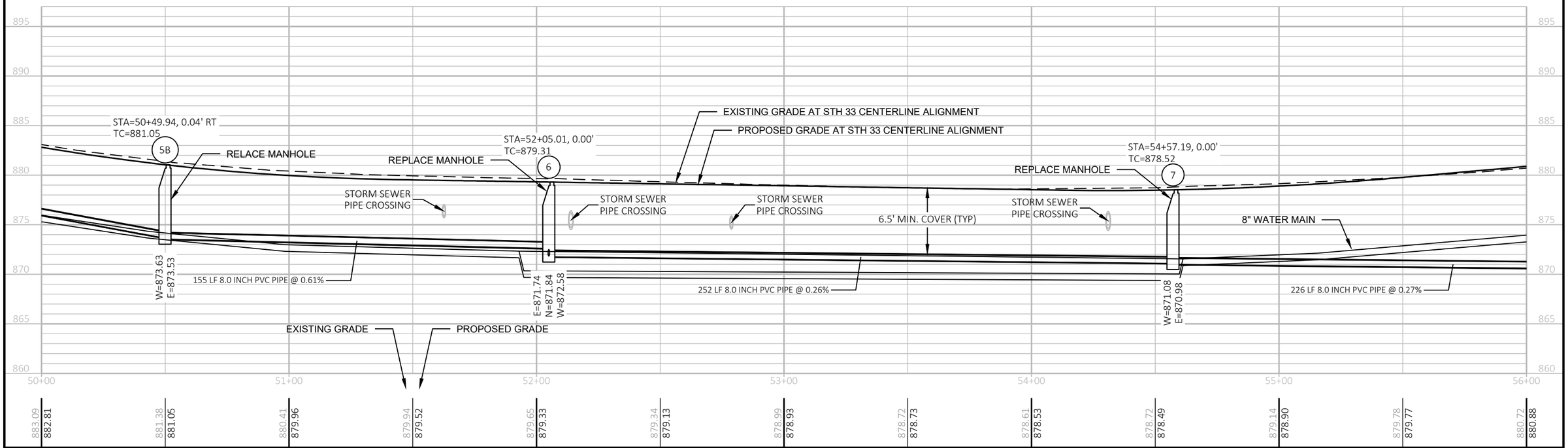
STA 53+25.12, 54.59' RT
1-CONNECT TO EXISTING WM
1-8" GATE VALVE & BOX
1-8"X6" REDUCER
74 LF-8" WATER MAIN

ALLIANT ENERGY
GAS

STA 55+73.59, 27.98' RT
ABANDON WATER SERVICE
STA 55+73.38, 32.61' RT
ABANDON SANITARY SEWER SERVICE

INSULATION REQ'D

514 8TH AVE
518 8TH AVE
504 8TH AVE
500 8TH AVE
418 8TH AVE
414 8TH AVE
406 8TH AVE
515 8TH AVE
509 8TH AVE
503 8TH AVE
421 8TH AVE
417 8TH AVE
415 8TH AVE
411 8TH AVE
WOOD ST
CENTER ST



PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 10	E

STA 56+96.48, -54.54' LT
1-CONNECT TO EXISTING WM
1-8"X6" REDUCER
2-6" 45° BEND
7.5 LF-6" WATER MAIN

STA 56+93.53, -42.53' LT
1-8"X6" TEE
1- 8" GATE VALVE & BOX
30.5 LF-8" WATER MAIN

STA 57+06.78, -42.58' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
13.5 LF-6" HYDRANT LEAD

STA 56+93.65, -18.05' LT
1-8" GATE VALVE & BOX
1-8"X8" TEE

STA. 58+60 LT
SANITARY SEWER SERVICE
FIELD VERIFY ACTIVE PRIOR TO WYE INSTALLATION
ABANDON SECONDARY

BRIGHTSPEED
FO

STA 61+56.48, -49.82' LT
1-CONNECT TO EXISTING WM
2-12" 45° BEND
33 LF-12" WATER MAIN

STA 61+53.85, -40.43' LT
1-12"X6" TEE
1- 12" GATE VALVE & BOX

STA 61+53.79, -17.98' LT
2-8" GATE VALVE & BOX
1-8"X12" CROSS

STA 61+70.55, -40.37' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
17 LF-6" HYDRANT LEAD

BRIGHTSPEED
MANHOLE

1005 WEST ST
1005 BIRCH ST
320 8TH AVE
316 8TH AVE
312 8TH AVE
327 8TH AVE
319 8TH AVE
335 8TH AVE
329 8TH AVE
315 8TH AVE
311 8TH AVE
305 8TH AVE
919 WEST ST

CITY OF BARABOO
STORM SEWER

ALLIANT ENERGY
GAS

CAUTION

CITY OF BARABOO
WATER

CITY OF BARABOO
SAN

ALLIANT ENERGY
LIGHT POLE

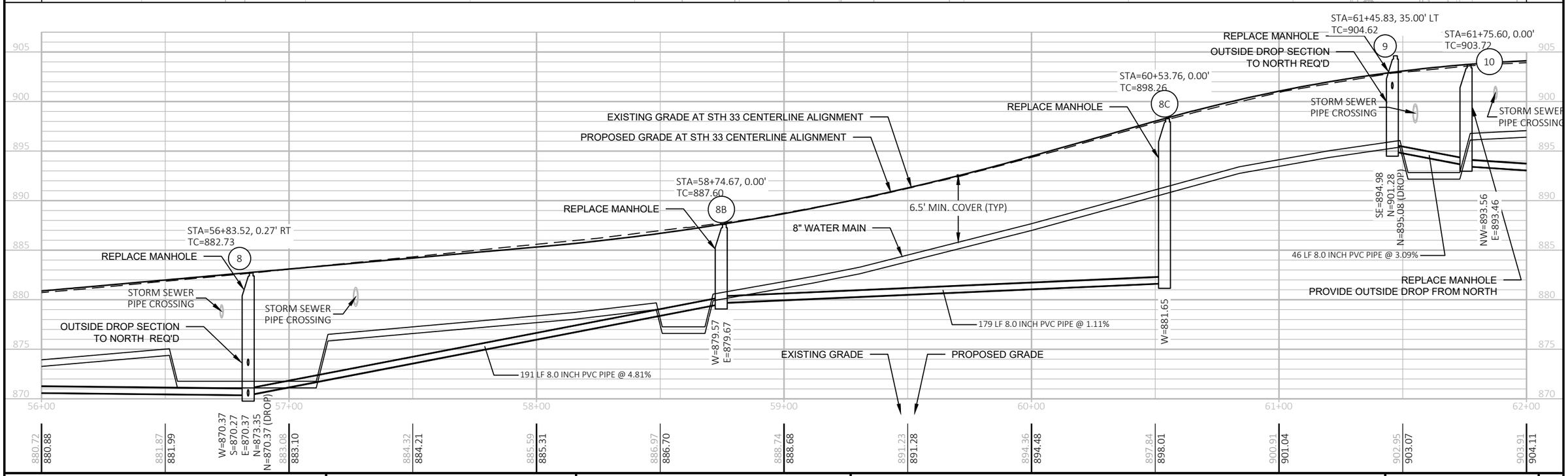
STUB WATER LATERAL
FOR 915 WEST ST
FUTURE CONNECTION.

INSULATION REQ'D

STA 61+58.23, 53.96' RT
1-CONNECT TO EXISTING WM
1-12" GATE VALVE & BOX
2-12" 45° BEND
74 LF-12" WATER MAIN

BRIGHTSPEED
FO

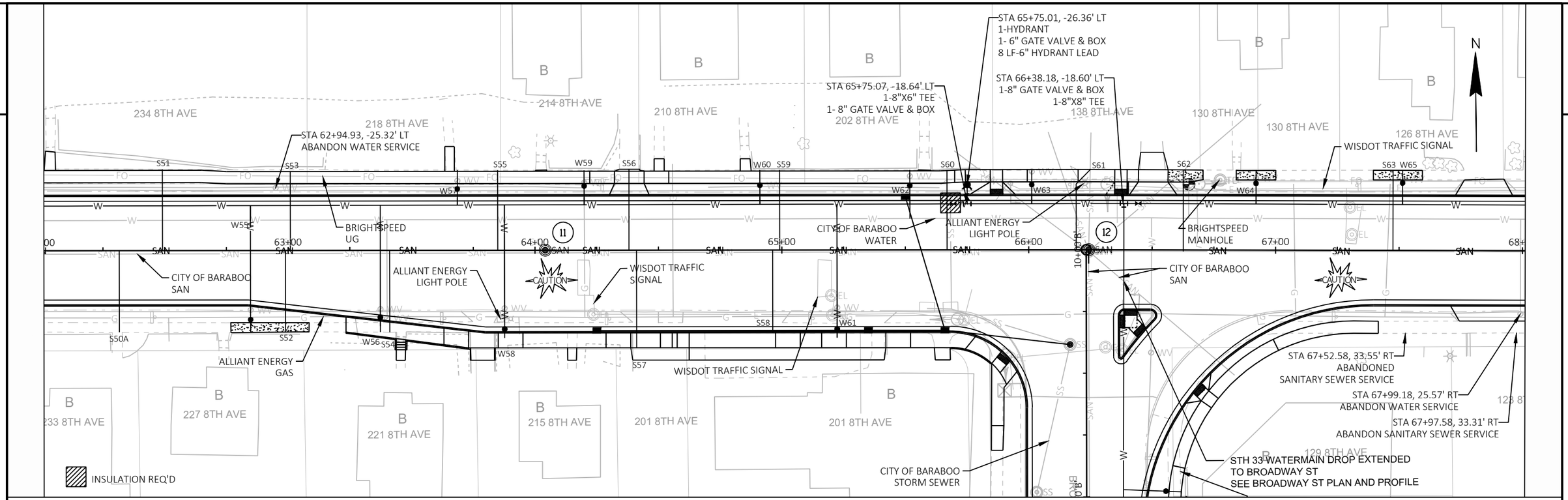
CITY OF BARABOO
STORM SEWER

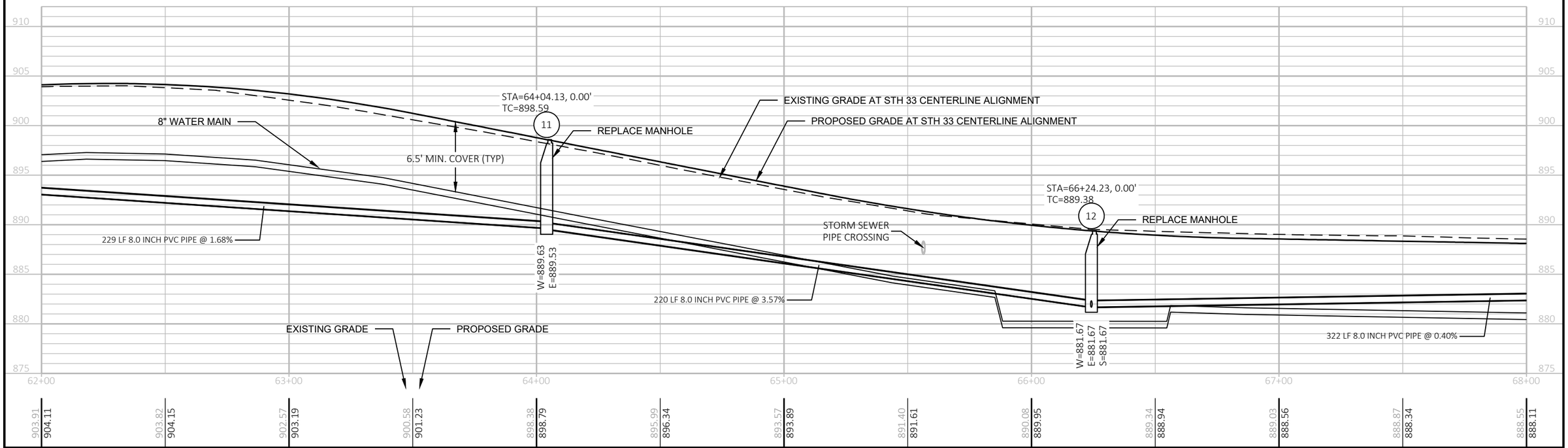


PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 11	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 06
PLOT DATE : 4/26/2023 3:43 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

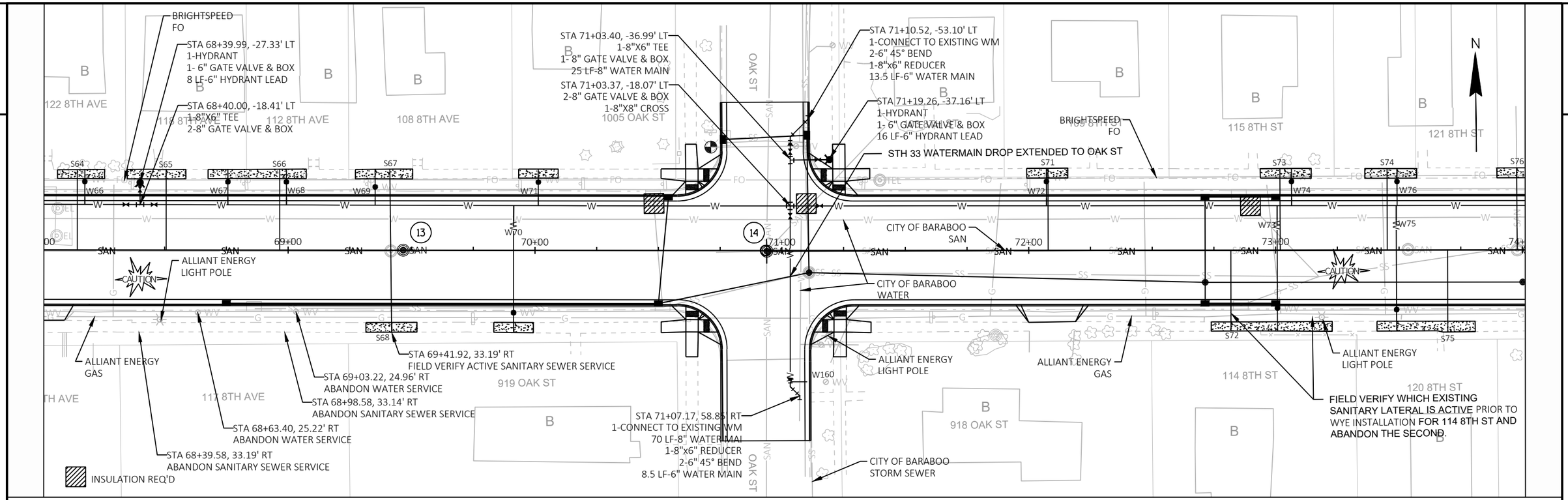


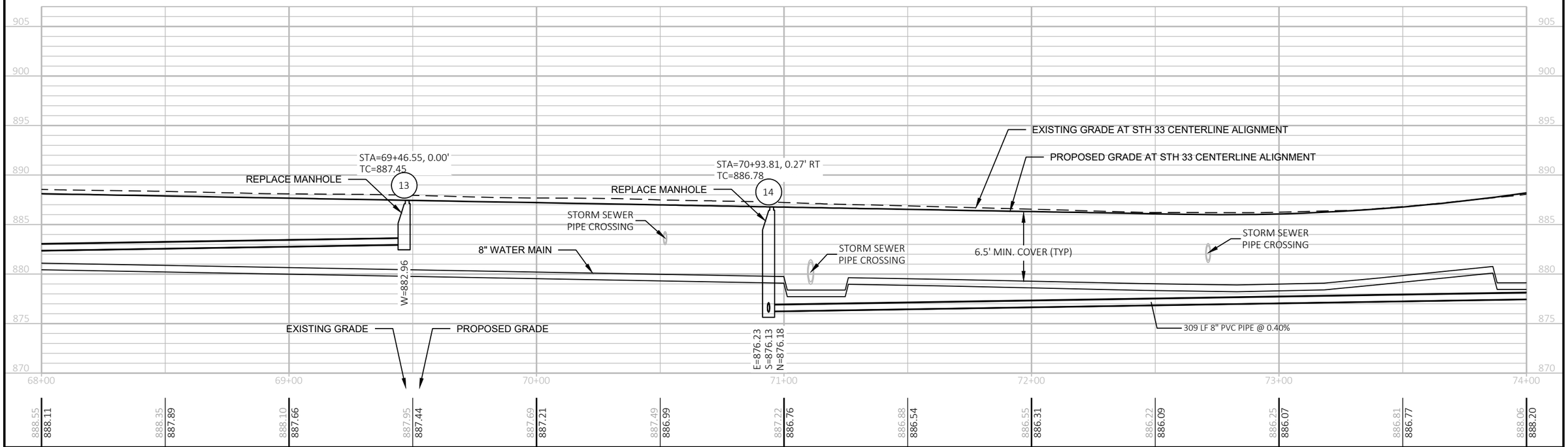


PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 12	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 07
PLOT DATE : 4/26/2023 3:43 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2





PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 13	E

2

STA 75+46.26, -56.62' LT
1-CONNECT TO EXISTING WM
2-6" 45° BEND
1-8"x6" REDUCER
7.5 LF-6" WATER MAIN
33 LF-8" WATER MAIN

STA 75+48.82, -18.10' LT
3-8" GATE VALVE & BOX
1-8"X8" CROSS

BRIGHTSPEED MANHOLE
75+00

ALLIANT ENERGY
ELEC OH

STA 76+06.00, -26.31' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
8.5 LF-6" HYDRANT LEAD

STA 76+06.00, -18.00' LT
1-8"X6" TEE
1- 8" GATE VALVE & BOX

STA. 75+50 - STA. 77+80 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISONS FOR DETAILS

STA 77+18.40, -30.13' LT
ABANDON WATER SERVICE

BRIGHTSPEED
FO

STA 79+66.28, -31.61' LT
SANITARY SEWER SERVICE
MOVE TO EAST EDGE OF HOUSE

CITY OF BARABOO
WATER

WATERMAIN DROP ON ASH ST
SEE ASH ST PLAN AND PROFILE

STA 75+90.32, 34.59' RT
ABANDON SANITARY SEWER SERVICE

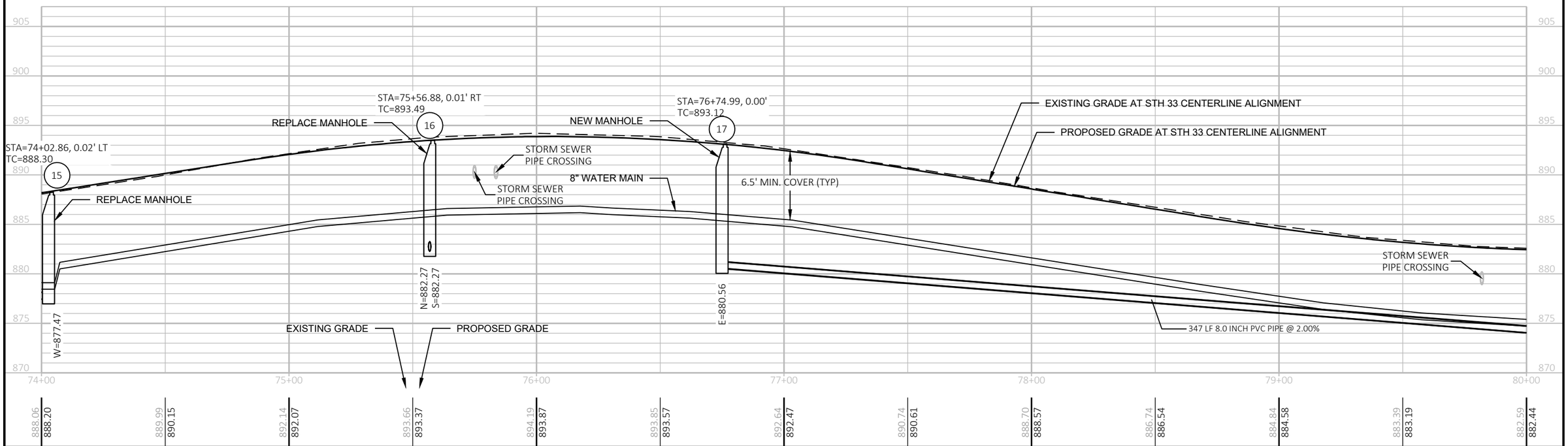
ALLIANT ENERGY
LIGHT POLE

ALLIANT ENERGY
ELEC OH

STA 76+79.63, 31.61' RT
SANITARY SEWER SERVICE
MOVE FROM ASH ST

ALLIANT ENERGY
GAS

INSULATION REQ'D



PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 14	E

2

CITY OF BARABOO STORM SEWER

STA 80+30.66, -45.92' LT
1-8"X6" TEE
1- 8" PLUG
28 LF-8" WATER MAIN

STA 80+46.16, -45.83' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
15.5 LF-6" HYDRANT LEAD

ALLIANT ENERGY ELEC OH

STA 80+30.49, -18.03' LT
1-8" GATE VALVE & BOX
1-8"X8" TEE

STA 81+46.49, -18.00' LT
1-8"X4" TEE
1-4" GATE VALVE & BOX
50 LF -4" WATER MAIN
1-CONNECT TO EXIST

BRIGHTSPEED FO

STA 85+20.85, -26.31' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
7 LF-6" HYDRANT LEAD

STA 85+20.85, -18.00' LT
1-8"X6" TEE
1-8" GATE VALVE & BOX

N

18A 18 19B 19A 18B

W86 W87 W89 S86 W91 S88 W93 S90 W96 S93

81+00 82+00 83+00 84+00 85+00 86+

SAUK COUNTY BUILDING SERVICES FO

CITY OF BARABOO SAN

CAUTION

CITY OF BARABOO SAN

CITY OF BARABOO WATER

W85 W86A S84A W88 S85 W87A S87 W92 S89 W94 S91 W95 S92 W97 W98 S94

ALLIANT ENERGY GAS

ALLIANT ENERGY GAS

UPSIZE WATER SERVICE FOR 302 8TH ST TO 2"

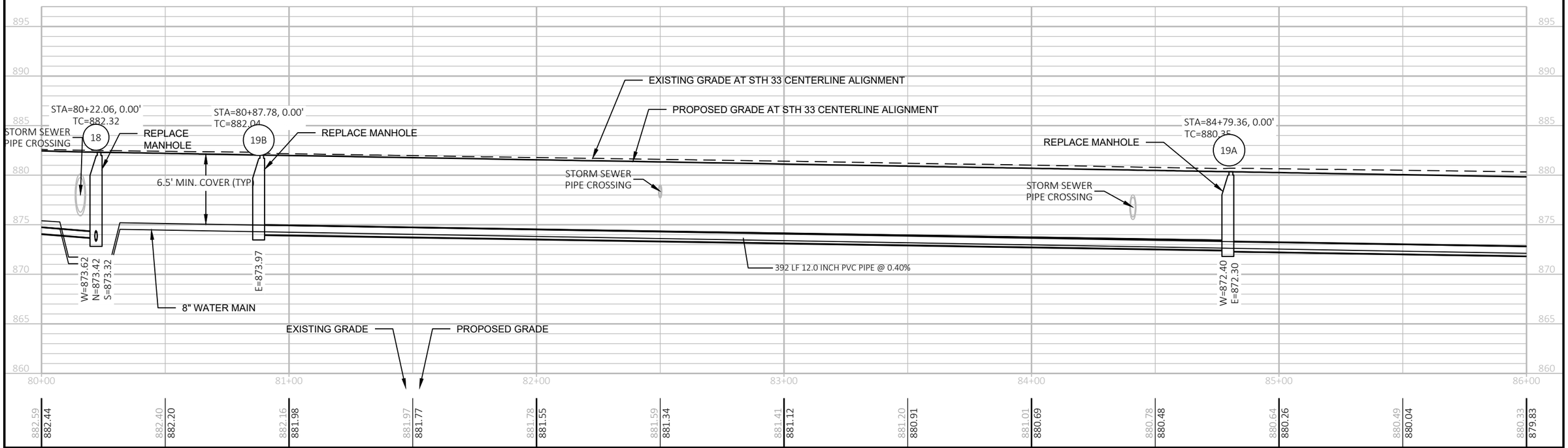
ALLIANT ENERGY ELEC OH

INSULATION REQ'D

301 8TH ST 319 8TH ST 323 8TH ST 329 8TH ST 401 8TH ST

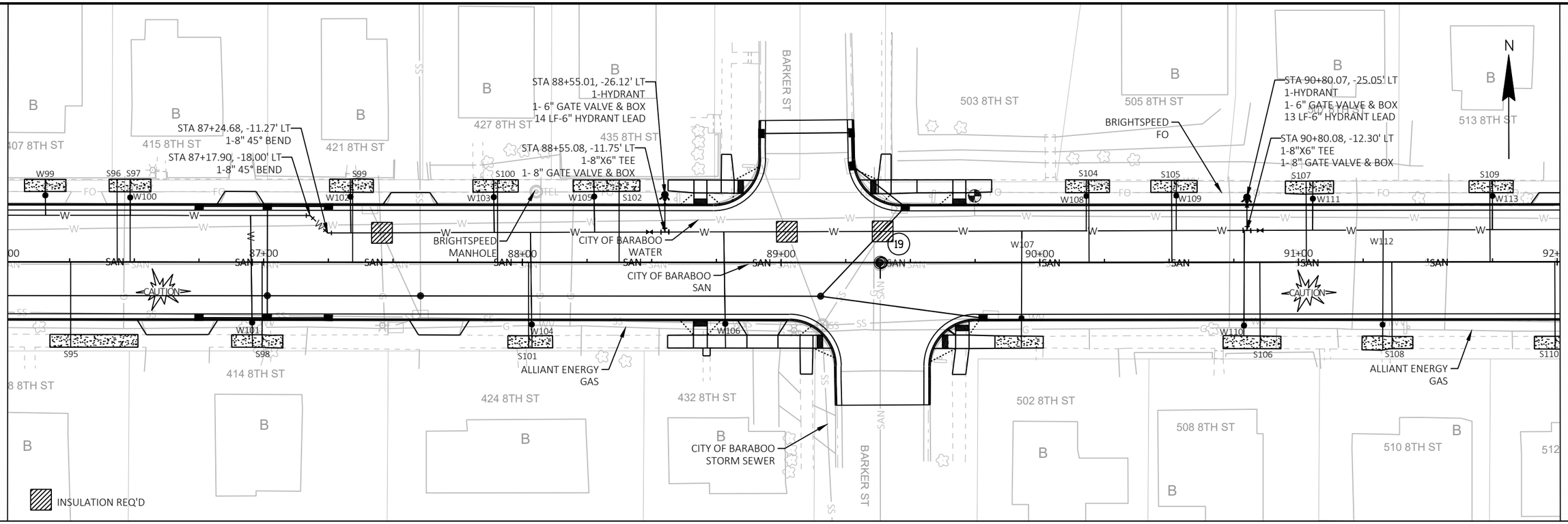
302 8TH ST 320 8TH ST 326 8TH ST 332 8TH ST 338 8TH ST 402 8TH ST

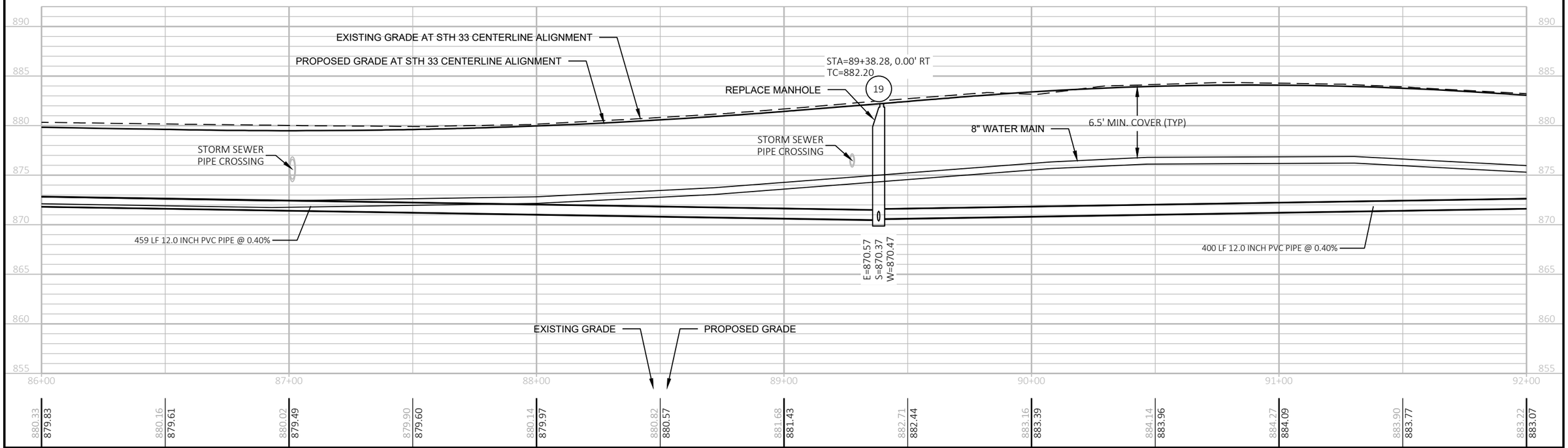
WARREN ST EAST ST



PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 15	E

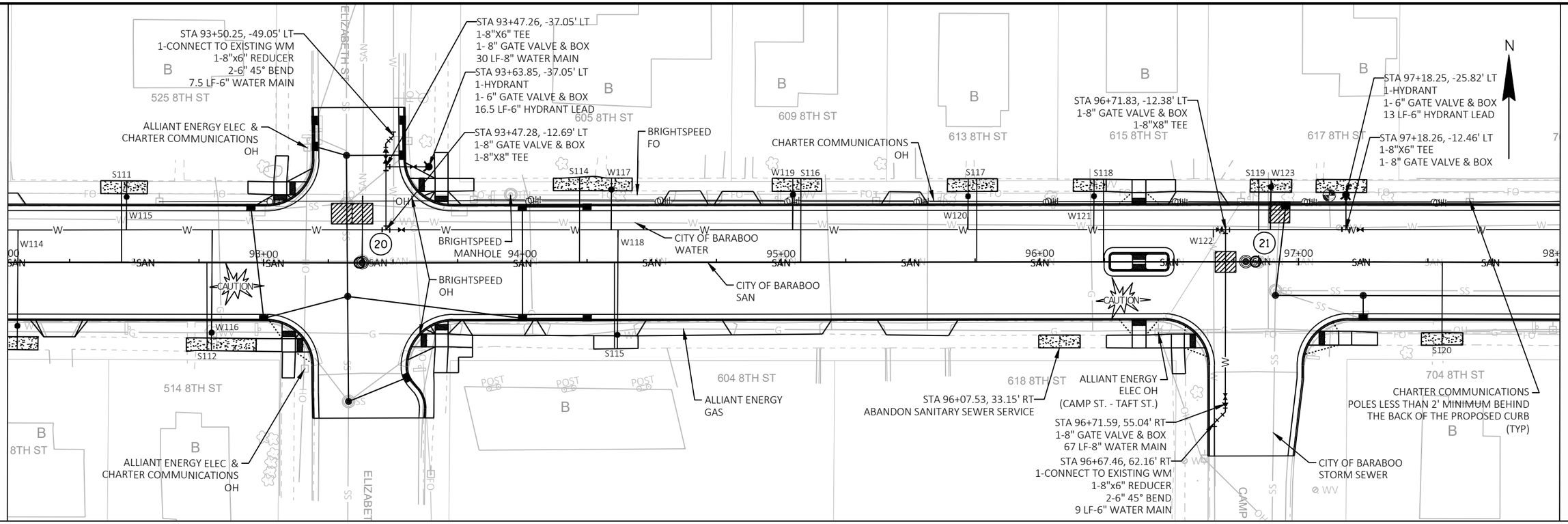
2

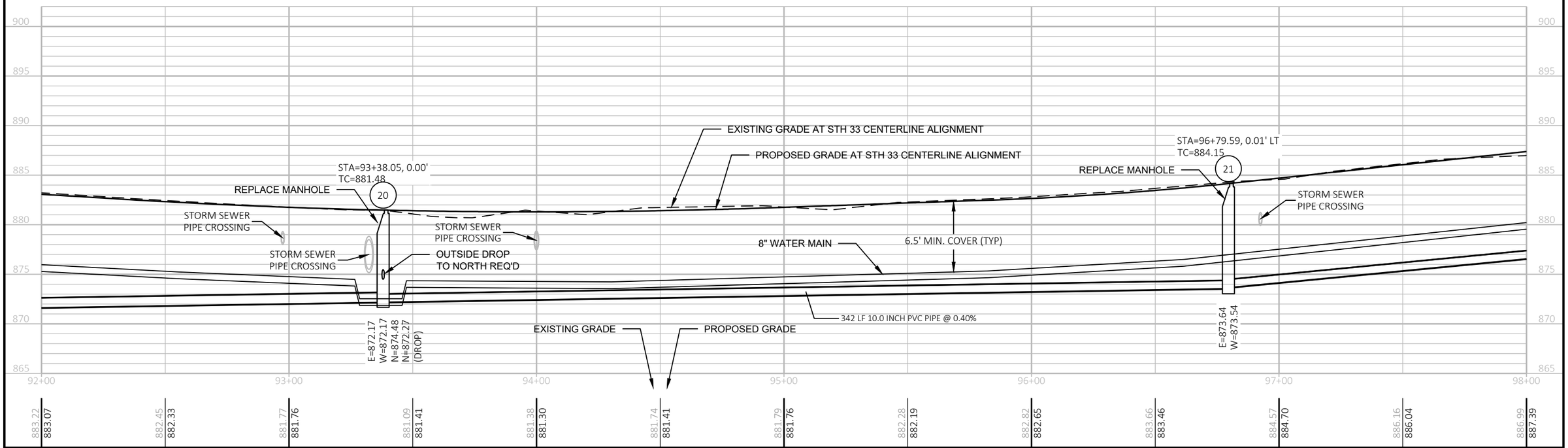




PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 16	E

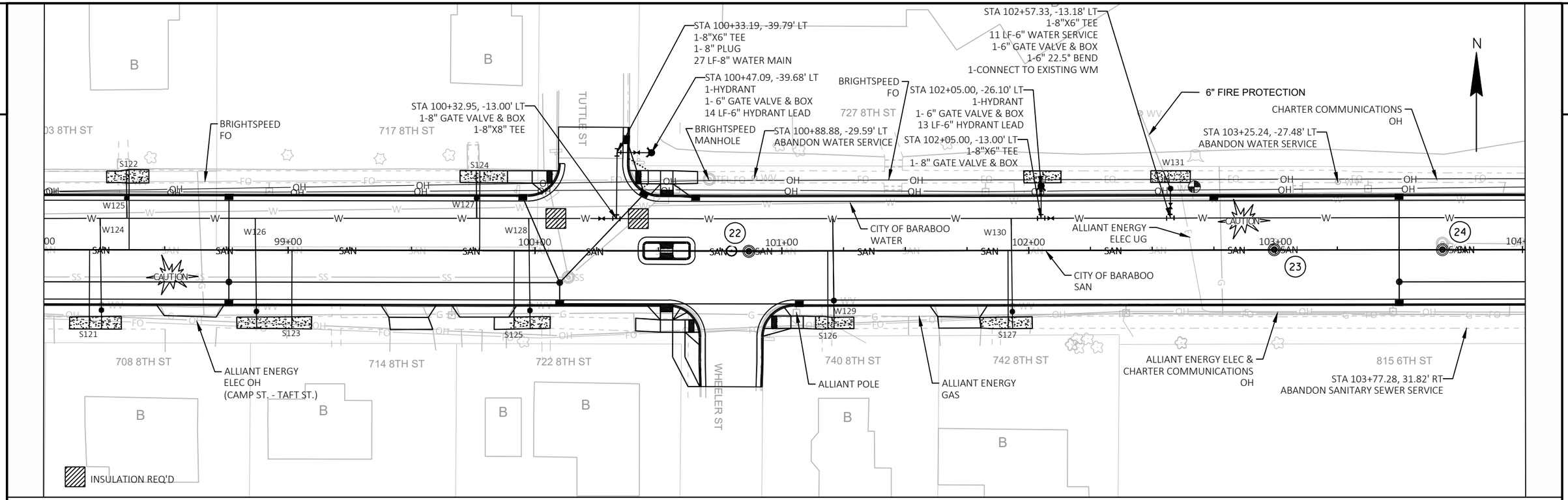
FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 11
PLOT DATE : 4/26/2023 3:44 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

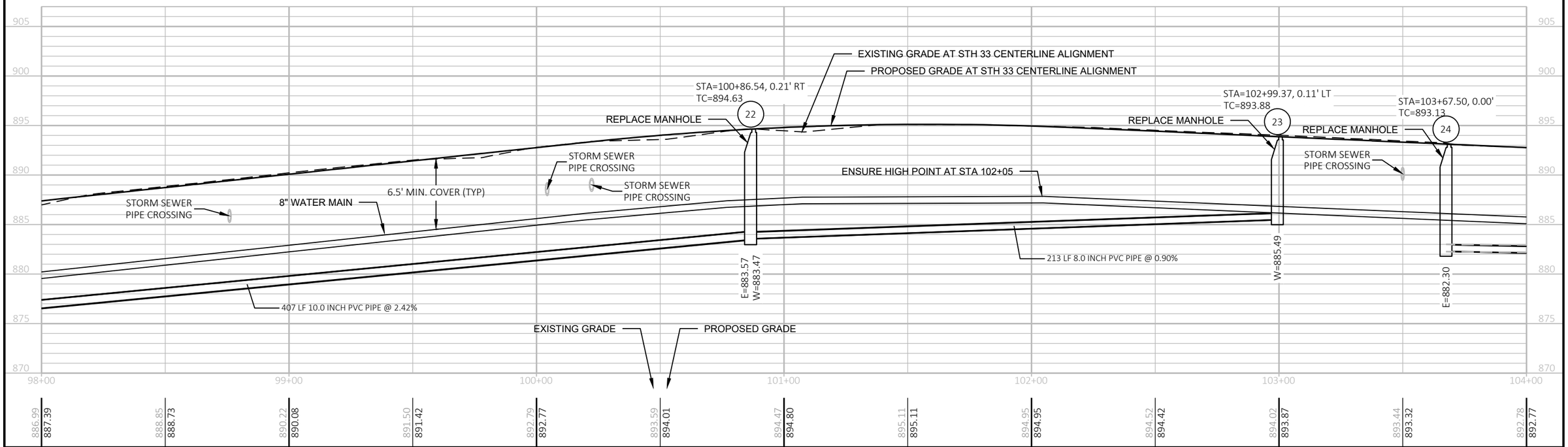




PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 17	E

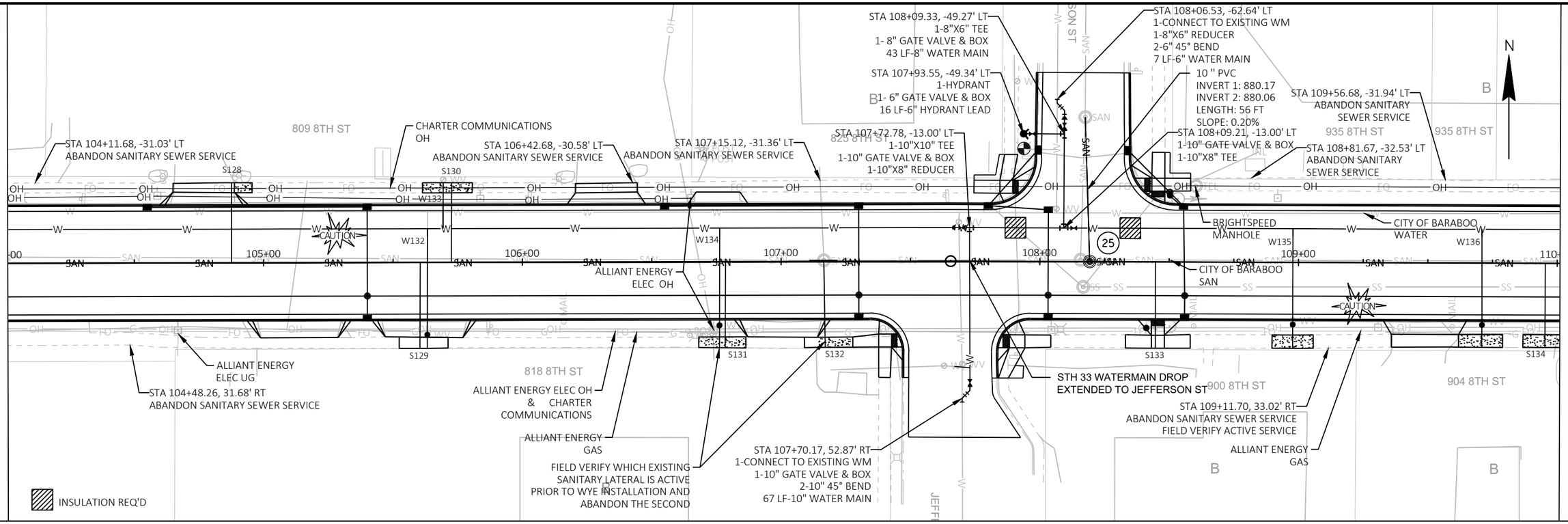
2

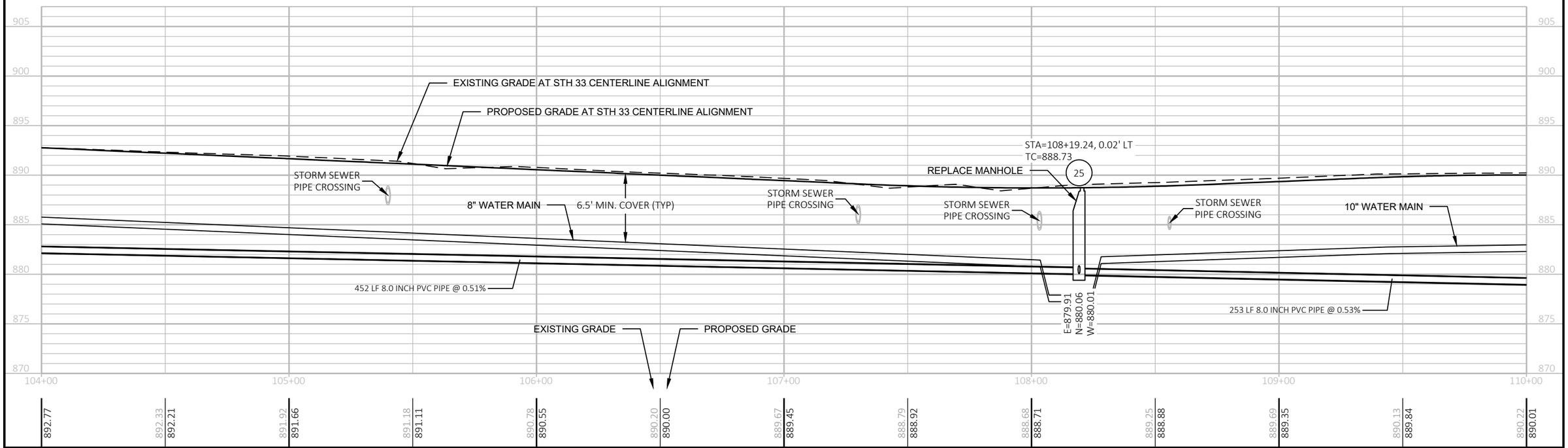




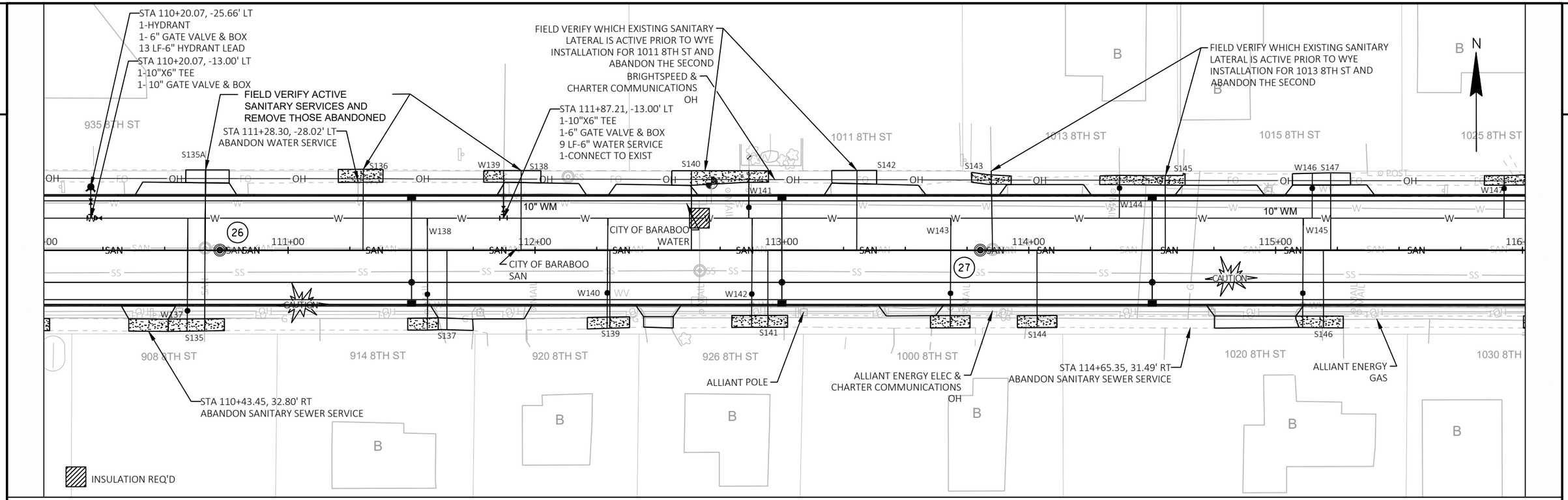
PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 18	E

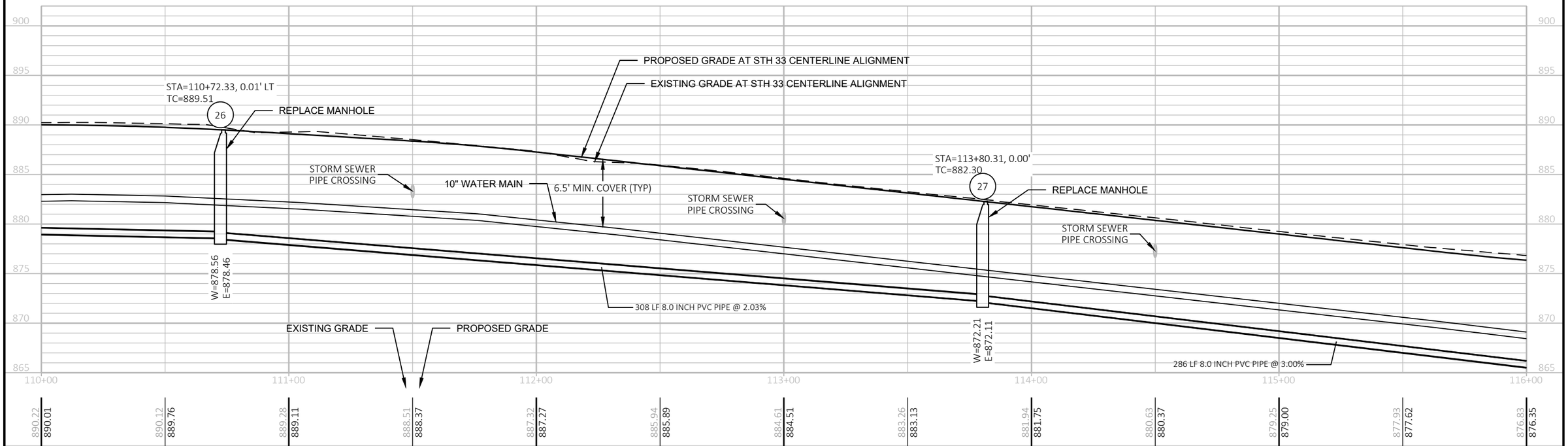
2





PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 19	E





PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 20	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 15
PLOT DATE : 4/26/2023 3:45 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

ALLIANT ELEC & CHARTER OH

CITY OF BARABOO STORM SEWER

STA 116+16.01, -24.45' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
11 LF-6" HYDRANT LEAD

STA 116+16.00, -13.00' LT
1-10"X6" TEE
1-10" GATE VALVE & BOX

STA 116+79.32, -56.56' LT
1-CONNECT TO EXISTING WM
1-8"X6" REDUCER
2-6" 45° BEND
13.5 LF-6" WATER MAIN
33 LF-8" WATER MAIN

STA 116+34.34
-13.00' LT
1-10" 22.5° BEND

STA 116+46.37
-17.99' LT
1-10" 22.5° BEND

STA 116+76.29, -17.96' LT
2-10" GATE VALVE & BOX
1-8" GATE VALVE & BOX
1-10"X8" CROSS

ALLIANT ENERGY GAS

1117 8TH ST

STA. 119+00 - STA. 130+60 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISONS FOR DETAILS

STA 120+02.18, -32.40' LT
ABANDON SANITARY SEWER SERVICE

STA 121+60.47, -25.87' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
8 LF-6" HYDRANT LEAD

STA 121+60.47, -18.00' LT
1-10"X6" TEE
1- 10" GATE VALVE & BOX

STA 121+00.18, -33.79' LT
ABANDON SANITARY SEWER SERVICE

STA 121+75.54, -18.00' LT
1-10"X6" TEE
1-10" GATE VALVE & BOX
1-6" GATE VALVE & BOX
1-6" 4° BEND
50.5 LF-6" WATER MAIN
1-CONNECT TO EXIST

1139 8TH ST

N

ALLIANT ENERGY ELEC UG

ALLIANT ELEC & CHARTER OH

STA 116+76.29, 45.41' RT
1-8"X6" REDUCER
63.5 LF-8" WATER MAIN

STA 116+78.63, 50.76' RT
1-CONNECT TO EXISTING WM
2-6" 45° BEND
6 LF-6" WATER MAIN

CITY OF BARABOO STORM SEWER

INSULATION REQ'D

1120 8TH ST

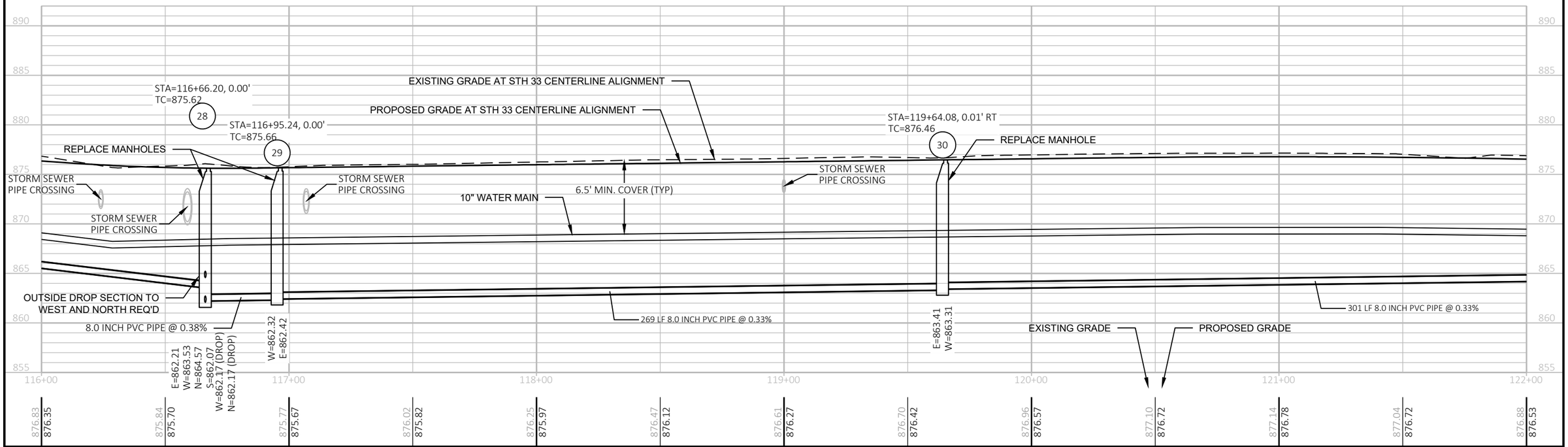
STA 117+75.18, 30.99' RT
ABANDON SANITARY SEWER SERVICE

1146 8TH ST

STA 119+38.44, 28.27' RT
ABANDON WATER SERVICE

STA 119+12.98, 32.62' RT
ABANDON SANITARY SEWER SERVICE

ALLIANT ENERGY ELEC OH & CHARTER COMMUNICATIONS



PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 21	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 16
PLOT DATE : 4/26/2023 3:45 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

STA 124+06.86, -32.91' LT
ABANDON SANITARY SEWER SERVICE

STA. 119+00 - STA. 130+60 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISONS FOR DETAILS

STA 126+67.52, -42.77' LT
1-8"X6" TEE
1- 8" GATE VALVE & BOX

STA 126+75.62, -56.81' LT
1-CONNECT TO EXISTING WM
2-8" 45° BEND
47.5 LF-8" WATER MAIN

STA 123+45.86, -32.31' LT
ABANDON SANITARY SEWER SERVICE

BRIGHTSPEED
MANHOLE

ABANDON EXISTING
MANHOLE AND
SANITARY SEWER PIPE

STA 126+82.61, -42.64' LT
1-HYDRANT
1- 6" GATE VALVE & BOX
15 LF-6" HYDRANT LEAD

BRIGHTSPEED
UG
FO OR TEL?

STA 122+33.38, -18.00' LT
1-10" 45° BEND

ALLIANT ENERGY
GAS

STA 126+67.24, -12.98' LT
2-10" GATE VALVE & BOX
1-10"X8" CROSS

STA 122+38.43, -13.00' LT
1-10" 45° BEND

1159 8TH ST

1203 8TH ST

W153 S156

S157

W154

CAUTION

10" WM

ALLIANT ELEC
OH

CITY OF BARABOO
SAN

CITY OF BARABOO
WATER

ALLIANT ELEC &
CHARTER COMMUNICATIONS
OH

CITY OF BARABOO
SAN

CITY OF BARABOO
WATER

ALLIANT ELEC
OH

ALLIANT POLE

STA 122+66.31, 32.87' RT
ABANDON SANITARY SEWER SERVICE

ALLIANT ENERGY ELEC OH
&
CHARTER COMMUNICATIONS

STA 126+62.72, 33.74' RT
1-CONNECT TO EXISTING WM
2-8" 45° BEND
1-8" GATE VALVE & BOX
48.5 LF-8" WATER MAIN

CITY OF BARABOO
STORM SEWER

CITY OF BARABOO
SAN

INSULATION REQ'D

EXISTING GRADE AT STH 33 CENTERLINE ALIGNMENT

PROPOSED GRADE AT STH 33 CENTERLINE ALIGNMENT

STA=122+65.16, 0.00'
TC=876.11

REPLACE MANHOLE

STORM SEWER
PIPE CROSSING

STA=125+34.74, 0.00'
TC=873.08

REPLACE MANHOLE

STORM SEWER
PIPE CROSSING

10" WATER MAIN

6.5' MIN. COVER (TYP)

STA=126+56.99, 18.43' RT
TC=871.54

REPLACE MANHOLE

STORM SEWER
PIPE CROSSING

STORM SEWER
PIPE CROSSING

STORM SEWER
PIPE CROSSING

270 LF 8.0 INCH PVC PIPE @ 0.33%

E=864.50
W=864.40

W=865.39

N=861.23
E=861.11
S=861.05

EXISTING GRADE

PROPOSED GRADE

890 885 880 875 870 865 860 855

122+00 123+00 124+00 125+00 126+00 127+00 128+00

876.88 876.53 | 876.57 876.23 | 876.15 875.80 | 875.64 875.25 | 875.00 874.66 | 874.45 874.07 | 873.79 873.48 | 873.14 872.90 | 872.58 872.32 | 872.24 871.95 | 872.47 871.82 | 872.62 871.95 | 872.80 872.31

PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 22	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 17

PLOT DATE : 4/26/2023 3:45 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

STA. 119+00 - STA. 130+60 LT
ARCHAEOLOGICAL AND HISTORIC SENSITIVE AREA
SEE PROJECT SPECIAL PROVISONS FOR DETAILS

STA 129+10.00, -13.00' LT
1-10"X6" TEE
2-10" GATE VALVE & BOX

ALLIANT ENERGY
GAS

STA 130+58.02, -12.81' LT
1-10"X8" TEE
1-10" GATE VALVE & BOX
47 LF 8" WATER MAIN

STA 131+28.69, -30.54' LT
ABANDON WATER SERVICE

STA 131+19.76, -32.66' LT

CHARTER COMMUNICATIONS
OH

BRIGHTSPEED
MANHOLE

CITY OF BARABOO
STORM SEWER

CITY OF BARABOO
WATER

CITY OF BARABOO
SAN

CITY OF BARABOO
WATER

ALLIANT ELEC &
CHARTER COMMUNICATIONS
OH

ALLIANT ELEC
UG

CITY OF BARABOO
SAN

CHARTER COMMUNICATIONS
OH

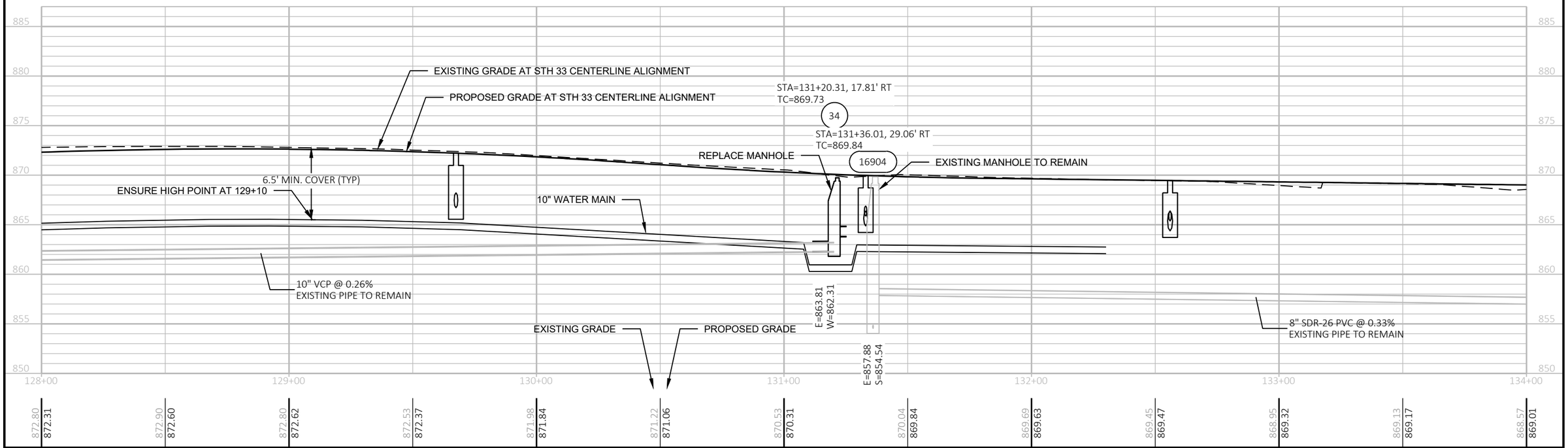
STA 132+30.14, -11.09' LT
1-CONNECT TO EXISTING WM
1-10" GATE VALVE & BOX
2-10" 45° BEND

STA 129+10.00, 30.34' RT
1-HYDRANT
1- 6" GATE VALVE & BOX
42 LF-6" HYDRANT LEAD
ENSURE WATER MAIN HIGH POINT AT HYDRANT

ALLIANT ENERGY ELEC &
CHARTER COMMUNICATIONS
OH

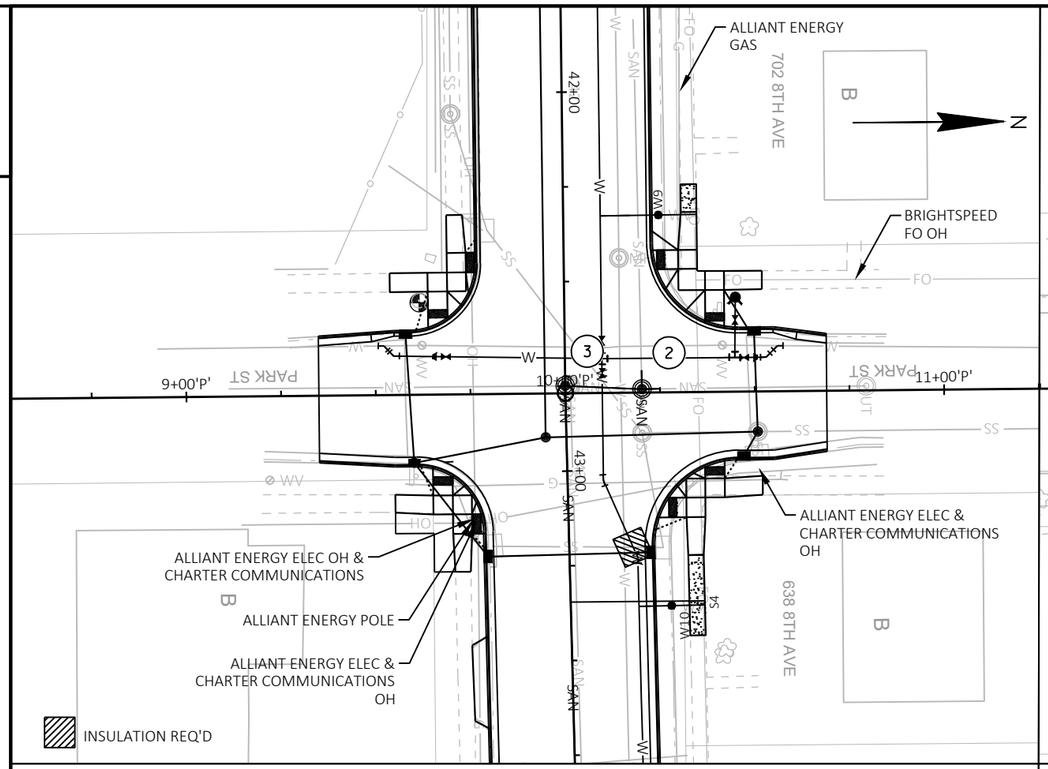
1-CONNECT TO EXISTING WM

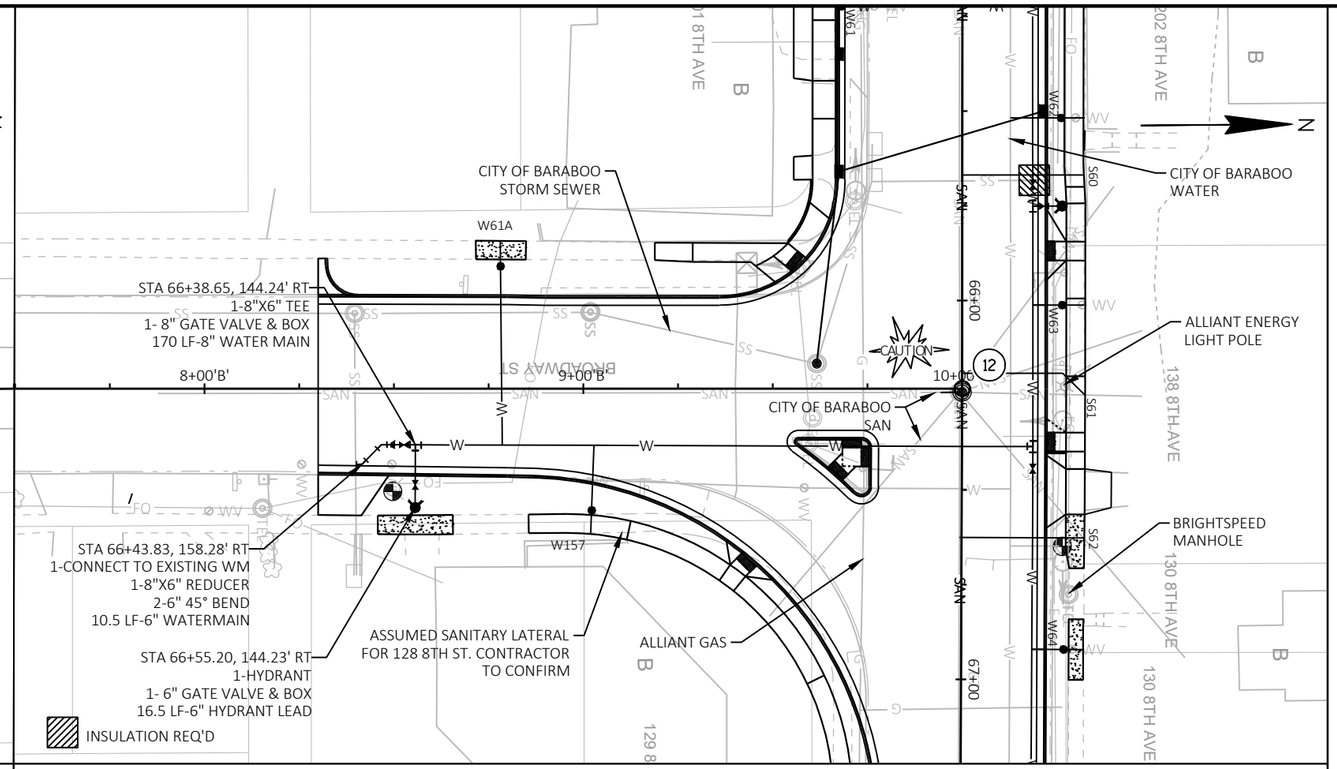
INSULATION REQ'D

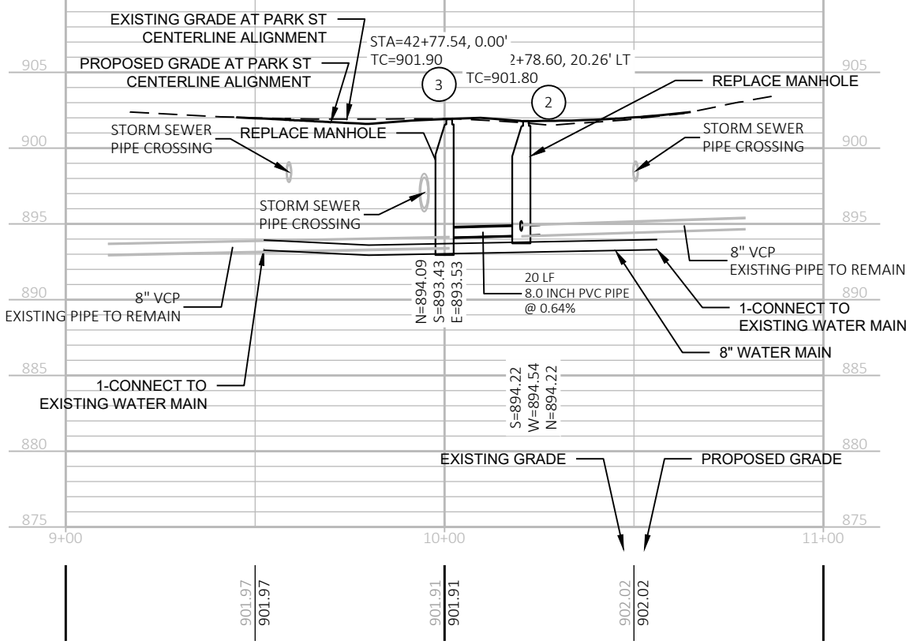


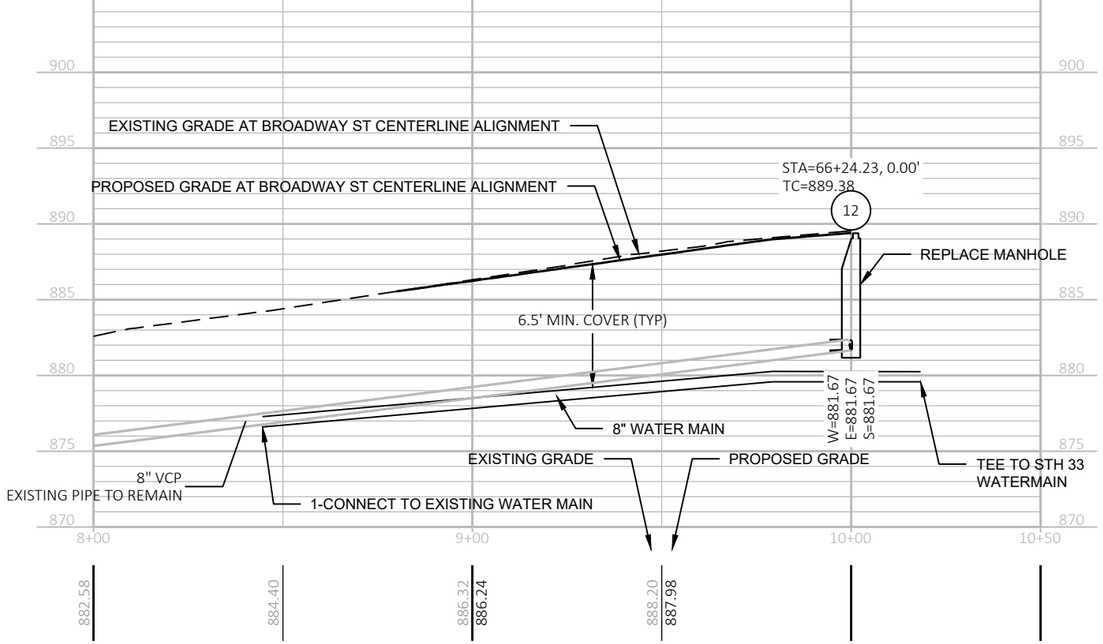
PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 23	E

2









PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 24	E

2

2

ALLIANT GAS

915 ASH ST

914 ASH ST

918 ASH ST

133 8TH ST

201 8TH

STA 75+50.02, 122.02' RT
1- 8" PLUG
140 LF-8" WATER MAIN

W158

W159

W78

W79

BRIGHTSPEED
MANHOLE

ALLIANT ENERGY
ELEC OH

ALLIANT ENERGY
LIGHT POLE

STA 75+90.32, 34.59' RT
ABANDON SANITARY SEWER SERVICE

ALLIANT ENERGY
ELEC OH

CAUTION

16

8+00'A'

9+00'A'

10+00'A'

11+00'A'

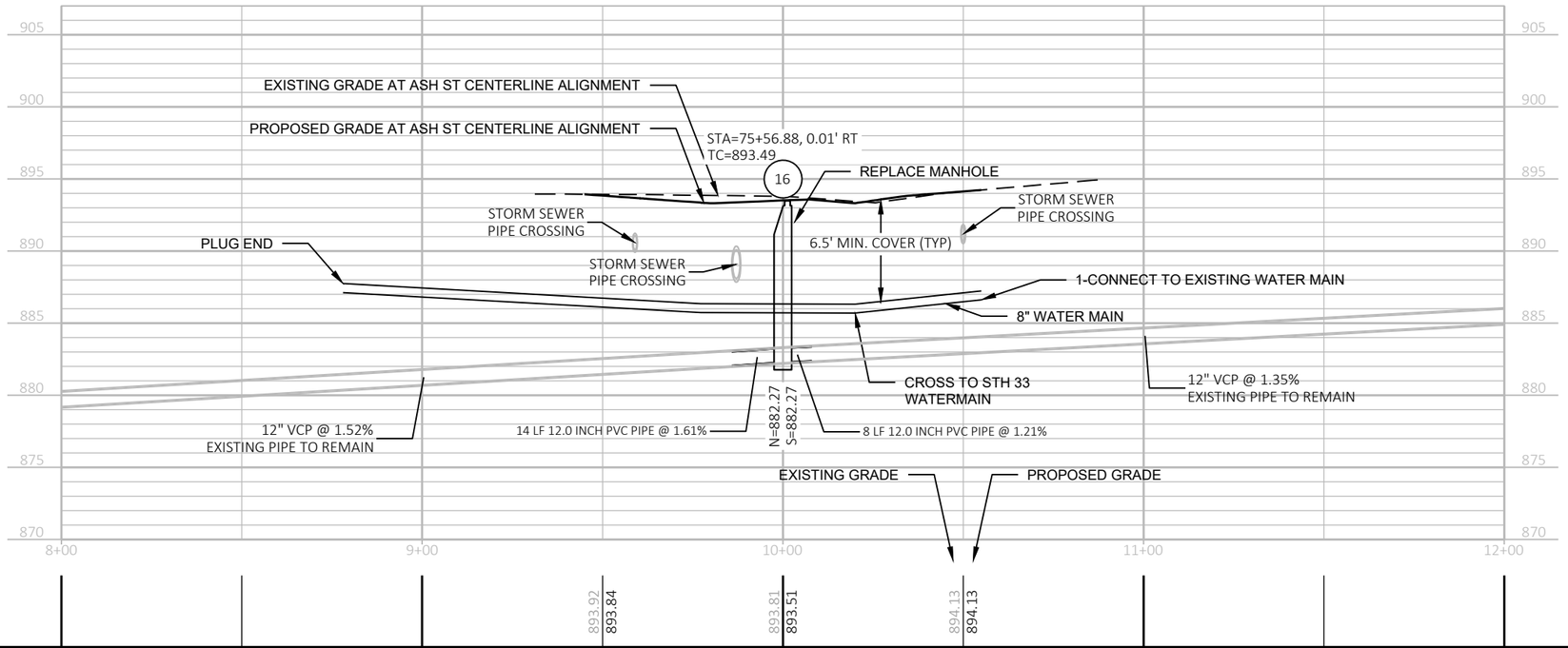
12+00'A'

75+00

76+00

N

INSULATION REQ'D

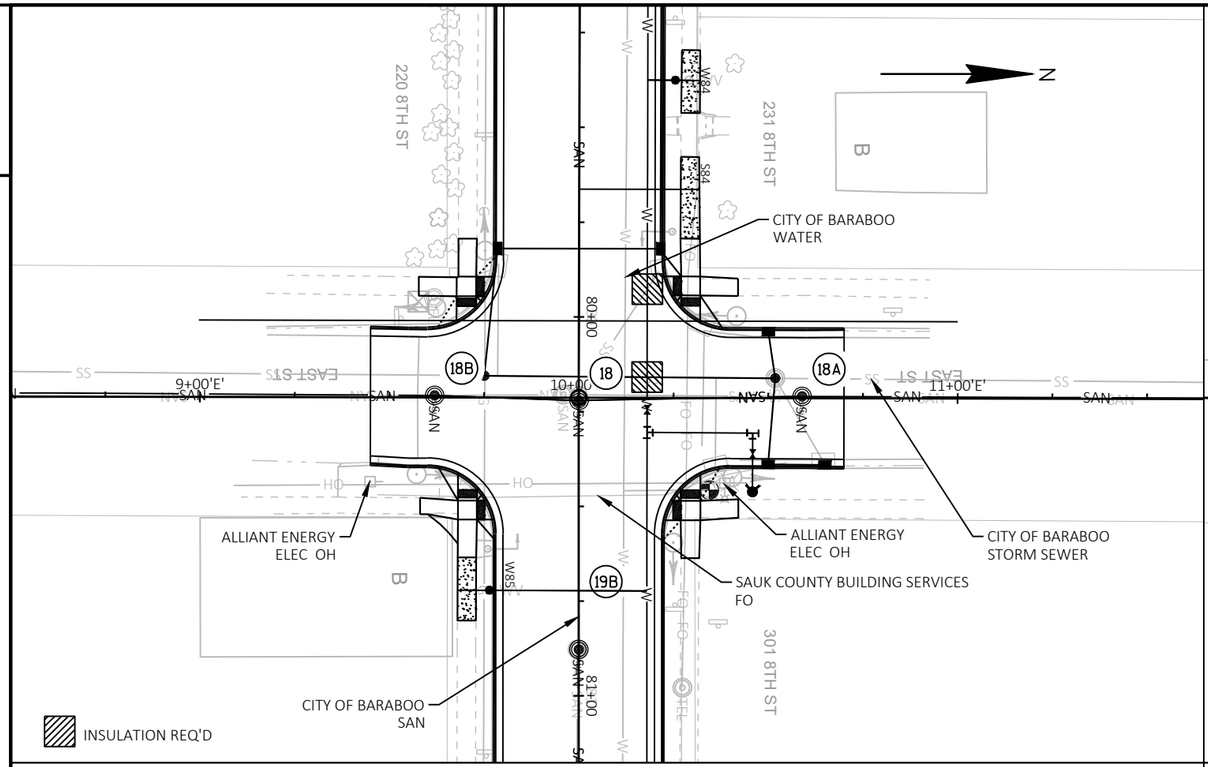


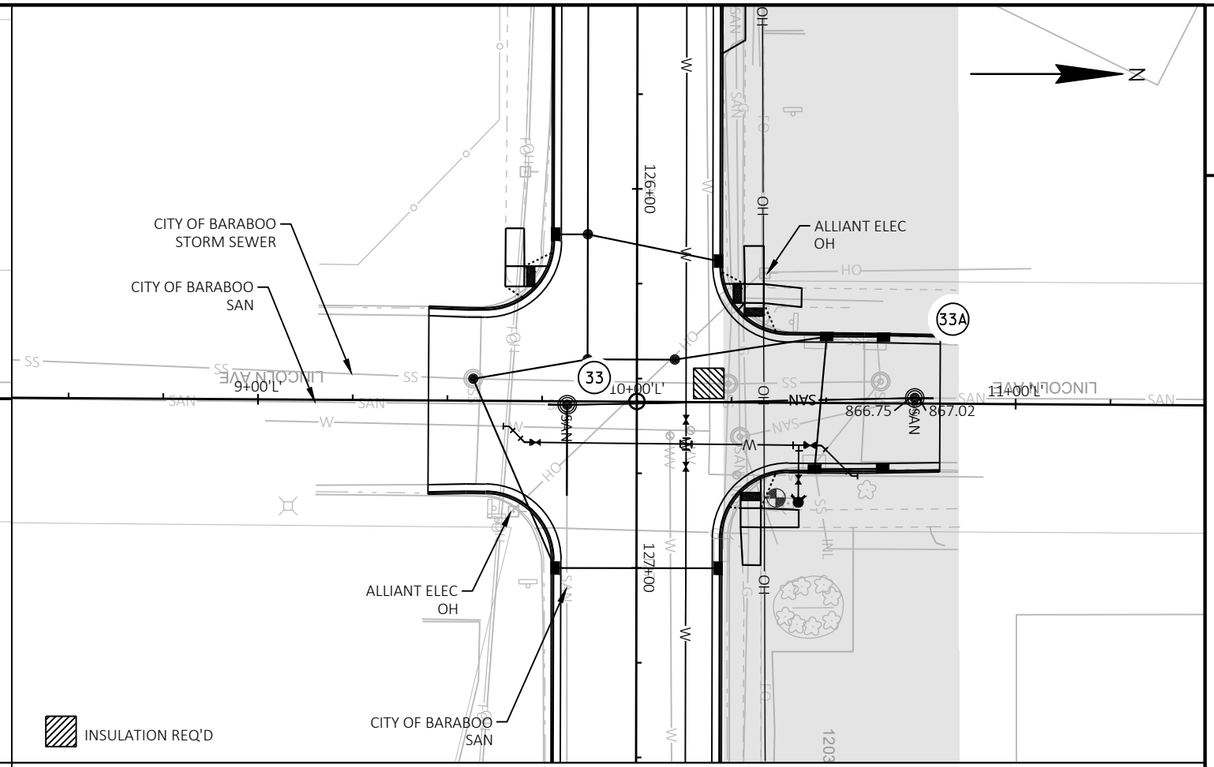
PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 25	E

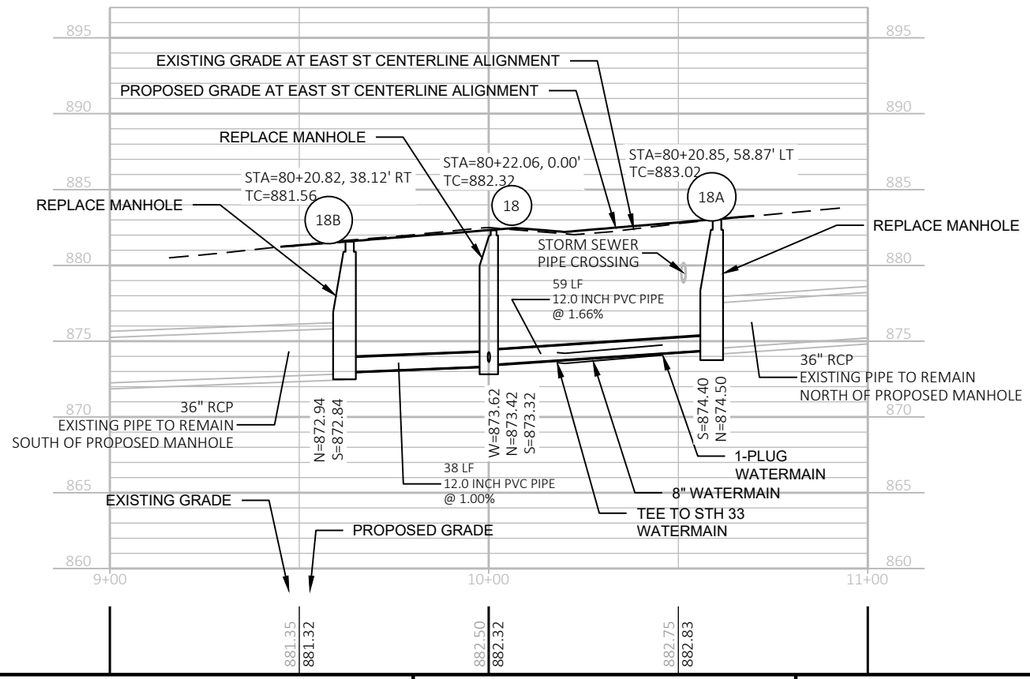
FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 20

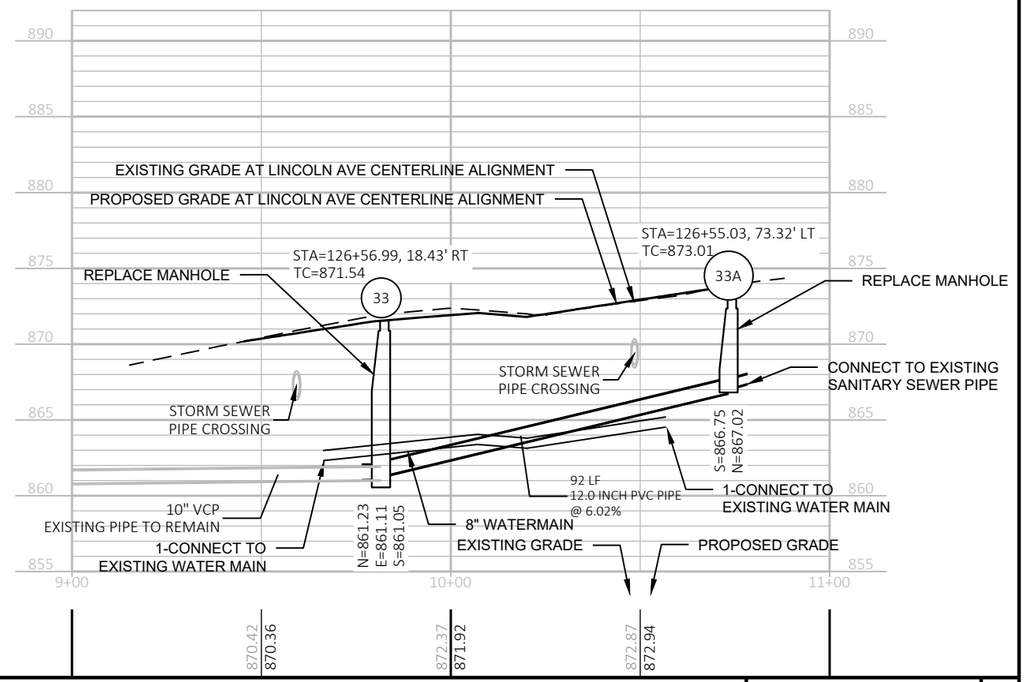
PLOT DATE : 4/26/2023 3:46 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42









PROJECT NO: 5090-05-72	HWY: STH 33	COUNTY: SAUK	UTILITY AND PROFILE	SHEET 26	E

FILE NAME : \\SP-PZ1.SEHINC.COM\PZPROJECTS1\AE\B\BARAB\154117\C3D\50900501\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 21
PLOT DATE : 4/26/2023 3:46 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

5090-05-72

Line	Item	Item Description	Unit	Total	Qty
0520	SPV.0060	Special 37. Abandon Existing Water Service, City	EACH	17.000	17.000
0522	SPV.0060	Special 38. Abandon Existing Sanitary Service, City	EACH	31.000	31.000
0524	SPV.0060	Special 39. Gate Valve and Box 4-Inch, City	EACH	1.000	1.000
0526	SPV.0060	Special 40. Gate Valve and Box 6-Inch, City	EACH	32.000	32.000
0528	SPV.0060	Special 41. Gate Valve and Box 8-Inch, City	EACH	44.000	44.000
0530	SPV.0060	Special 42. Gate Valve and Box 10-Inch, City	EACH	15.000	15.000
0532	SPV.0060	Special 43. Gate Valve and Box 12-Inch, City	EACH	2.000	2.000
0534	SPV.0060	Special 44. Hydrant, City	EACH	29.000	29.000
0536	SPV.0060	Special 45. Curb Stop & Box 1-Inch, City	EACH	148.000	148.000
0538	SPV.0060	Special 46. Curb Stop & Box 2-Inch, City	EACH	8.000	8.000
0540	SPV.0060	Special 47. Corporation 1-Inch, City	EACH	148.000	148.000
0542	SPV.0060	Special 48. Corporation 2-Inch, City	EACH	8.000	8.000
0544	SPV.0060	Special 49. Connect to Existing Water Service, City	EACH	156.000	156.000
0546	SPV.0060	Special 50. Connect to Existing Water Main, Temporary, City	EACH	3.000	3.000
0548	SPV.0060	Special 51. Connect to Existing Water Main, City	EACH	26.000	26.000
0550	SPV.0060	Special 52. Lower Water Main, City	EACH	12.000	12.000
0552	SPV.0060	Special 53. Remove Hydrant, City	EACH	23.000	23.000
0554	SPV.0060	Special 54. Abandon Existing Water System, City	EACH	1.000	1.000
0556	SPV.0060	Special 55. Construction Staking Water Main, City	EACH	1.000	1.000
0558	SPV.0060	Special 56. Remove Sanitary Manholes, City	EACH	37.000	37.000
0560	SPV.0060	Special 57. Replace Sanitary Service Wye, 8-Inch x 4-Inch, City	EACH	2.000	2.000
0562	SPV.0060	Special 58. Sanitary Manholes 4-FT Diameter, City	EACH	40.000	40.000
0564	SPV.0060	Special 59. Sanitary Manholes 5-FT Diameter, City	EACH	2.000	2.000
0566	SPV.0060	Special 60. Sanitary Manhole Outside Drop Section, City	EACH	5.000	5.000
0568	SPV.0060	Special 61. Connect to Existing Sanitary Structure, City	EACH	6.000	6.000
0570	SPV.0060	Special 62. Connect to Existing Sanitary Sewer, City	EACH	25.000	25.000
0572	SPV.0060	Special 63. Connect to Existing Sanitary Sewer Service, City	EACH	149.000	149.000
0574	SPV.0060	Special 64. Sanitary Service Wye, 8-Inch x 4-Inch, City	EACH	93.000	93.000
0576	SPV.0060	Special 65. Sanitary Service Wye, 8-Inch x 6-Inch, City	EACH	12.000	12.000
0578	SPV.0060	Special 66. Sanitary Service Wye, 8-Inch x 8-Inch, City	EACH	1.000	1.000
0580	SPV.0060	Special 67. Sanitary Service Wye, 10-Inch x 4-Inch, City	EACH	12.000	12.000
0582	SPV.0060	Special 68. Sanitary Service Wye, 12-Inch x 4-Inch, City	EACH	27.000	27.000
0584	SPV.0060	Special 69. Sanitary Service Wye, 12-Inch x 6-Inch, City	EACH	1.000	1.000
0586	SPV.0060	Special 70. Salvaged Manhole Covers, City	EACH	1.000	1.000
0588	SPV.0060	Special 71. Abandon Existing Sewer System, City	EACH	1.000	1.000
0590	SPV.0060	Special 72. Construction Staking Sanitary Sewer, City	EACH	1.000	1.000
0620	SPV.0060	Special 95. Adjusting Manhole Covers	EACH	43.000	43.000
0626	SPV.0085	Special 01. Water Main Fittings, City	LB	9,322.000	9,322.000
0644	SPV.0090	Special 20. Water Main 4-Inch, City	LF	51.000	51.000
0646	SPV.0090	Special 21. Water Main 6-Inch, City	LF	680.000	680.000
0648	SPV.0090	Special 22. Water Main 8-Inch, City	LF	9,089.000	9,089.000
0650	SPV.0090	Special 23. Water Main 10-Inch, City	LF	2,535.000	2,535.000
0652	SPV.0090	Special 24. Water Main 12-Inch, City	LF	107.000	107.000
0654	SPV.0090	Special 25. Water Service Copper Type K, 1-Inch, City	LF	4,742.000	4,742.000
0656	SPV.0090	Special 26. Water Service Copper Type K, 2-Inch, City	LF	211.000	211.000
0658	SPV.0090	Special 27. Sanitary Sewer PVC 6-Inch, City	LF	5.000	5.000
0660	SPV.0090	Special 28. Sanitary Sewer PVC 8-Inch, City	LF	5,705.000	5,705.000
0662	SPV.0090	Special 29. Sanitary Sewer PVC 10-Inch, City	LF	819.000	819.000
0664	SPV.0090	Special 30. Sanitary Sewer PVC 12-Inch, City	LF	1,540.000	1,540.000

5090-05-72

Line	Item	Item Description	Unit	Total	Qty
0666	SPV.0090	Special 31. Sanitary Service PVC 4-Inch, City	LF	4,486.000	4,486.000
0668	SPV.0090	Special 32. Sanitary Service PVC 6-Inch, City	LF	469.000	469.000
0670	SPV.0090	Special 33. Sanitary Service PVC 8-Inch, City	LF	30.000	30.000
0674	SPV.0165	Special 10. Insulation, City	SF	2,176.000	2,176.000

WATER SERVICE ITEMS (1 OF 5)

CATEGORY	NAME	STATION	OFFSET	SPV.0060.45 CURB STOP AND BOX 1-INCH, CITY EACH	SPV.0060.46 CURB STOP AND BOX 2-INCH, CITY EACH	SPV.0060.47 CORPORATION 1-INCH, CITY EACH	SPV.0060.48 CORPORATION 2-INCH, CITY EACH	SPV.0060.49 CONNECT TO EXIST WATER SERVICE, CITY EACH	*SPV.0060.51 CONNECT TO EXISTING WATER MAIN, CITY EACH	SPV.0090.25 WATER SERVICE COPPER TYPE K, 1-INCH, CITY LF	SPV.0090.26 WATER SERVICE COPPER TYPE K 2-INCH, CITY LF	SPV.0090.20 WATERMAIN 4-INCH, CITY LF	*SPV.0090.21 WATERMAIN 6-INCH, CITY LF	*SPV.0090.22 WATERMAIN 8-INCH, CITY LF	REMARKS
0010	W1	35+09.30	20.0'LT	1	-	1	-	1	-	18	-	-	-	-	
	W2	35+82.05	22.4'LT	1	-	1	-	1	-	18	-	-	-	-	
	W3	35+82.22	22.4'LT	1	-	1	-	1	-	18	-	-	-	-	
	W4	36+74.81	21.0'LT	1	-	1	-	1	-	24	-	-	-	-	
	W5	37+81.33	19.1'LT	1	-	1	-	1	-	24	-	-	-	-	
	W6	39+42.33	16.9'LT	1	-	1	-	1	-	-	24	-	-	-	
	W7	40+83.20	17.3'LT	1	-	1	-	1	-	26	-	-	-	-	
	W8	41+48.48	17.4'LT	1	-	1	-	1	-	26	-	-	-	-	
	W9	42+32.74	17.6'LT	1	-	1	-	1	-	26	-	-	-	-	
	W10	43+36.18	21.0'LT	1	-	1	-	1	-	18	-	-	-	-	
	W11	43+93.38	20.6'LT	1	-	1	-	1	-	18	-	-	-	-	
	W12	44+48.95	11.0'LT	1	-	1	-	1	-	49	-	-	-	-	
	W13	44+60.07	21.0'LT	1	-	1	-	1	-	18	-	-	-	-	
	W14	45+32.57	21.0'LT	1	-	1	-	1	-	18	-	-	-	-	
	W15	45+24.69	10.7'LT	1	-	1	-	1	-	49	-	-	-	-	
	W16	45+88.47	21.0'LT	1	-	1	-	1	-	18	-	-	-	-	
	W17	46+06.86	10.4'LT	1	-	1	-	1	-	49	-	-	-	-	
	W18	47+01.64	10.0'LT	1	-	1	-	1	-	49	-	-	-	-	
	W19	47+26.73	21.0'LT	1	-	1	-	1	-	18	-	-	-	-	
	W20	48+63.06	11.3'LT	1	-	1	-	1	-	50	-	-	-	-	
	W21	48+70.10	20.9'LT	1	-	1	-	1	-	17	-	-	-	-	
	W22	49+25.54	12.4'LT	1	-	1	-	1	-	50	-	-	-	-	
	W23	49+29.43	20.6'LT	1	-	1	-	1	-	17	-	-	-	-	
	W24	50+28.96	14.5'LT	1	-	1	-	1	-	50	-	-	-	-	
	W25	50+17.98	20.3'LT	1	-	1	-	1	-	17	-	-	-	-	
	W26	50+92.98	14.7'LT	1	-	1	-	1	-	51	-	-	-	-	
	W27	50+88.10	20.6'LT	1	-	1	-	1	-	16	-	-	-	-	
	W28	51+27.61	20.8'LT	1	-	1	-	1	-	16	-	-	-	-	
	W29	51+49.38	14.9'LT	1	-	1	-	1	-	51	-	-	-	-	
	W30	52+07.36	15.2'LT	1	-	1	-	1	-	51	-	-	-	-	
	W31	52+57.28	15.1'LT	1	-	1	-	1	-	51	-	-	-	-	
	W32	52+63.82	21.1'LT	1	-	1	-	1	-	16	-	-	-	-	

CONTINUED ON NEXT TABLE

WATER SERVICE ITEMS (2 OF 5)

CATEGORY	NAME	STATION	OFFSET	SPV.0060.45 CURB STOP AND BOX 1-INCH, CITY EACH	SPV.0060.46 CURB STOP AND BOX 2-INCH, CITY EACH	SPV.0060.47 CORPORATION 1-INCH, CITY EACH	SPV.0060.48 CORPORATION 2-INCH, CITY EACH	SPV.0060.49 CONNECT TO EXIST WATER SERVICE, CITY EACH	*SPV.0060.51 CONNECT TO EXISTING WATER MAIN, CITY EACH	SPV.0090.25 WATER SERVICE COPPER TYPE K, 1-INCH, CITY LF	SPV.0090.26 WATER SERVICE COPPER TYPE K 2-INCH, CITY LF	SPV.0090.20 WATERMAIN 4-INCH, CITY LF	*SPV.0090.21 WATERMAIN 6-INCH, CITY LF	*SPV.0090.22 WATERMAIN 8-INCH, CITY LF	REMARKS
0010	W33	53+28.18	21.1' LT	1	-	1	-	1	-	16	-	-	-	-	
	W34	54+07.92	11.7' LT	1	-	1	-	1	-	51	-	-	-	-	
	W35	54+15.24	21.1' LT	1	-	1	-	1	-	16	-	-	-	-	
	W36	54+94.01	21.1' LT	1	-	1	-	1	-	16	-	-	-	-	
	W37	54+72.94	10.7' LT	1	-	1	-	1	-	51	-	-	-	-	
	W38	54+76.49	11.2' LT	1	-	1	-	1	-	51	-	-	-	-	
	W39	55+35.12	10.7' LT	1	-	1	-	1	-	51	-	-	-	-	
	W40	55+50.01	21.0' LT	-	1	-	1	1	-	16	-	-	-	-	
	W41	55+56.52	21.0' LT	1	-	1	-	1	-	16	-	-	-	-	
	W42	56+27.27	21.0' LT	1	-	1	-	1	-	51	-	-	-	-	
	W43	56+05.52	10.1' LT	1	-	1	-	1	-	16	-	-	-	-	
	W44	56+06.26	10.1' LT	1	-	1	-	1	-	51	-	-	-	-	
	W44A	56+58.25	44.55' RT	1	-	1	-	1	-	66	-	-	-	-	
	W45	57+49.97	9.3' LT	1	-	1	-	1	-	51	-	-	-	-	
	W46	57+28.41	21.0' LT	1	-	1	-	1	-	16	-	-	-	-	
	W47	58+04.81	20.9' LT	1	-	1	-	1	-	16	-	-	-	-	
	W48	58+07.39	9.3' LT	1	-	1	-	1	-	51	-	-	-	-	
	W48A	58+65.25	9.3' LT	1	-	1	-	1	-	51	-	-	-	-	CONFIRM LOCATION
	W49	58+62.82	21.0' LT	1	-	1	-	1	-	16	-	-	-	-	
	W50	58+91.85	9.2' LT	1	-	1	-	1	-	51	-	-	-	-	
	W51	59+22.35	9.2' LT	1	-	1	-	1	-	51	-	-	-	-	
	W52	59+14.70	21.0' LT	1	-	1	-	1	-	16	-	-	-	-	
	W53	59+57.69	9.2' LT	1	-	1	-	1	-	51	-	-	-	-	
	W54	60+17.41	9.2' LT	1	-	1	-	1	-	51	-	-	-	-	
	W55	62+84.76	9.3' LT	1	-	1	-	1	-	52	-	-	-	-	
	W56	63+37.29	30.6' RT	1	-	1	-	1	-	52	-	-	-	-	
	W57	63+68.54	21.3' LT	1	-	1	-	1	-	15	-	-	-	-	
	W58	63+87.58	35.5' RT	1	-	1	-	1	-	54	-	-	-	-	
	W59	64+19.93	21.4' LT	1	-	1	-	1	-	14	-	-	-	-	
	W60	64+91.12	21.5' LT	1	-	1	-	1	-	14	-	-	-	-	
	W61	65+22.27	35.5' RT	1	-	1	-	1	-	55	-	-	-	-	
	W61A	8+78.62'B'	14.9' LT	1	-	1	-	1	-	52	-	-	-	-	
	W62	65+51.83	21.6' LT	1	-	1	-	1	-	14	-	-	-	-	
	W63	66+01.24	21.7' LT	1	-	1	-	1	-	14	-	-	-	-	

CONTINUED ON NEXT TABLE

WATER SERVICE ITEMS (3 OF 5)

CATEGORY	NAME	STATION	OFFSET	SPV.0060.45 CURB STOP AND BOX 1-INCH, CITY EACH	SPV.0060.46 CURB STOP AND BOX 2-INCH, CITY EACH	SPV.0060.47 CORPORATION 1-INCH, CITY EACH	SPV.0060.48 CORPORATION 2-INCH, CITY EACH	SPV.0060.49 CONNECT TO EXIST WATER SERVICE, CITY EACH	*SPV.0060.51 CONNECT TO EXISTING WATER MAIN, CITY EACH	SPV.0090.25 WATER SERVICE COPPER TYPE K, 1-INCH, CITY LF	SPV.0090.26 WATER SERVICE COPPER TYPE K 2-INCH, CITY LF	SPV.0090.20 WATERMAIN 4-INCH, CITY LF	*SPV.0090.21 WATERMAIN 6-INCH, CITY LF	*SPV.0090.22 WATERMAIN 8-INCH, CITY LF	REMARKS
0010	W64	66+91.97	21.7' LT	1	-	1	-	1	-	14	-	-	-	-	
	W65	67+51.35	21.6' LT	1	-	1	-	1	-	14	-	-	-	-	
	W66	68+17.61	21.5' LT	1	-	1	-	1	-	14	-	-	-	-	
	W67	68+75.57	21.3' LT	1	-	1	-	1	-	15	-	-	-	-	
	W68	68+99.26	21.3' LT	1	-	1	-	1	-	15	-	-	-	-	
	W69	69+35.22	21.2' LT	1	-	1	-	1	-	15	-	-	-	-	
	W70	69+91.33	9.6' LT	1	-	1	-	1	-	52	-	-	-	-	
	W71	70+01.31	21.0' LT	1	-	1	-	1	-	15	-	-	-	-	
	W72	72+07.20	21.0' LT	1	-	1	-	1	-	16	-	-	-	-	
	W73	73+00.58	10.0' LT	1	-	1	-	1	-	51	-	-	-	-	
	W74	73+06.47	21.0' LT	1	-	1	-	1	-	16	-	-	-	-	
	W75	73+48.85	10.1' LT	1	-	1	-	1	-	51	-	-	-	-	
	W76	73+49.17	21.0' LT	1	-	1	-	1	-	15	-	-	-	-	
	W77	74+25.28	21.0' LT	1	-	1	-	1	-	16	-	-	-	-	
	W78	74+79.73	21.0' LT	1	-	1	-	1	-	16	-	-	-	-	
	W79	75+95.27	22.7' RT	1	-	1	-	1	-	50	-	-	-	-	
	W80	77+71.82	24.4' RT	1	-	1	-	1	-	50	-	-	-	-	
	W81	77+82.37	29.8' LT	1	-	1	-	1	-	15	-	-	-	-	
	W82	78+20.52	23.5' RT	1	-	1	-	1	-	50	-	-	-	-	
	W83	78+86.75	30.0' LT	1	-	1	-	1	-	15	-	-	-	-	
	W84	79+37.47	28.6' LT	1	-	1	-	1	-	14	-	-	-	-	
	W86	81+27.19	29.9' LT	1	-	1	-	1	-	14	-	-	-	-	
	W86A	81+46.35	25.2'RT	-	-	-	-	-	1	-	-	51	-	-	
	W87	81+77.22	30.5' LT	1	-	1	-	1	-	14	-	-	-	-	
	W88	82+25.35	24.3' RT	1	-	1	-	1	-	51	-	-	-	-	
	W89	82+63.22	29.4' LT	1	-	1	-	1	-	14	-	-	-	-	
	W90	82+72.82	24.7' RT	1	-	1	-	1	-	51	-	-	-	-	
	W91	83+25.16	28.7' LT	1	-	1	-	1	-	14	-	-	-	-	
	W92	83+63.23	23.7' RT	1	-	1	-	1	-	51	-	-	-	-	
	W93	83+69.18	27.5' LT	1	-	1	-	1	-	14	-	-	-	-	
	W94	84+15.15	24.0' RT	1	-	1	-	1	-	51	-	-	-	-	
	W95	84+71.37	27.5' RT	1	-	1	-	1	-	52	-	-	-	-	

CONTINUED ON NEXT TABLE

WATER SERVICE ITEMS (4 OF 5)

CATEGORY	NAME	STATION	OFFSET	SPV.0060.45 CURB STOP AND BOX 1-INCH, CITY EACH	SPV.0060.46 CURB STOP AND BOX 2-INCH, CITY EACH	SPV.0060.47 CORPORATION 1-INCH, CITY EACH	SPV.0060.48 CORPORATION 2-INCH, CITY EACH	SPV.0060.49 CONNECT TO EXIST WATER SERVICE, CITY EACH	*SPV.0060.51 CONNECT TO EXISTING WATER MAIN, CITY EACH	SPV.0090.25 WATER SERVICE COPPER TYPE K, 1-INCH, CITY LF	SPV.0090.26 WATER SERVICE COPPER TYPE K 2-INCH, CITY LF	SPV.0090.20 WATERMAIN 4-INCH, CITY LF	*SPV.0090.21 WATERMAIN 6-INCH, CITY LF	*SPV.0090.22 WATERMAIN 8-INCH, CITY LF	REMARKS
0010	W96	85+54.34	28.6' LT	1	-	1	-	1	-	14	-	-	-	-	
	W97	85+60.85	23.4' RT	1	-	1	-	1	-	51	-	-	-	-	
	W98	85+77.94	24.8' RT	1	-	1	-	1	-	51	-	-	-	-	
	W99	86+15.50	29.3' LT	1	-	1	-	1	-	14	-	-	-	-	
	W100	86+48.29	28.4' LT	1	-	1	-	1	-	14	-	-	-	-	
	W101	86+95.53	23.4' RT	1	-	1	-	1	-	51	-	-	-	-	
	W102	87+33.44	29.8' LT	1	-	1	-	1	-	21	-	-	-	-	
	W103	87+88.83	30.3' LT	1	-	1	-	1	-	21	-	-	-	-	
	W104	88+03.61	24.0' RT	1	-	1	-	1	-	45	-	-	-	-	
	W105	88+27.60	30.5' LT	1	-	1	-	1	-	21	-	-	-	-	
	W106	88+78.39	23.7' RT	1	-	1	-	1	-	45	-	-	-	-	
	W107	89+93.04	9.2' LT	1	-	1	-	1	-	46	-	-	-	-	
	W108	90+17.98	20.8' LT	1	-	1	-	1	-	20	-	-	-	-	
	W109	90+52.74	20.6' LT	1	-	1	-	1	-	20	-	-	-	-	
	W110	90+78.86	24.5' RT	1	-	1	-	1	-	41	-	-	-	-	
	W111	91+05.51	24.5' LT	1	-	1	-	1	-	19	-	-	-	-	
	W112	91+32.71	9.4' LT	1	-	1	-	1	-	47	-	-	-	-	
	W113	91+74.93	19.9' LT	1	-	1	-	1	-	20	-	-	-	-	
	W114	92+05.00	9.5' LT	1	-	1	-	1	-	47	-	-	-	-	
	W115	92+46.92	19.6' LT	1	-	1	-	1	-	19	-	-	-	-	
	W116	92+79.88	27.1' RT	1	-	1	-	1	-	47	-	-	-	-	
	W117	94+34.43	28.2' LT	1	-	1	-	1	-	20	-	-	-	-	
	W118	94+36.94	9.6' LT	-	1	-	1	1	-	-	46	-	-	-	
	W119	95+04.57	26.1' LT	1	-	1	-	1	-	20	-	-	-	-	
	W120	95+72.22	17.4' LT	1	-	1	-	1	-	20	-	-	-	-	
	W121	96+20.89	17.1' LT	1	-	1	-	1	-	20	-	-	-	-	
	W123	96+89.30	28.9' LT	1	-	1	-	1	-	20	-	-	-	-	
	W124	98+23.88	9.7' LT	1	-	1	-	1	-	45	-	-	-	-	
	W125	98+34.41	18.0' LT	1	-	1	-	1	-	20	-	-	-	-	
	W126	98+86.67	9.8' LT	1	-	1	-	1	-	45	-	-	-	-	
	W127	99+76.35	20.2' LT	1	-	1	-	1	-	20	-	-	-	-	

CONTINUED ON NEXT TABLE

WATER SERVICE ITEMS (5 OF 5)

CATEGORY	NAME	STATION	OFFSET	SPV.0060.45 CURB STOP AND BOX 1-INCH, CITY EACH	SPV.0060.46 CURB STOP AND BOX 2-INCH, CITY EACH	SPV.0060.47 CORPORATION 1-INCH, CITY EACH	SPV.0060.48 CORPORATION 2-INCH, CITY EACH	SPV.0060.49 CONNECT TO EXIST WATER SERVICE, CITY EACH	*SPV.0060.51 CONNECT TO EXISTING WATER MAIN, CITY EACH	SPV.0090.25 WATER SERVICE COPPER TYPE K, 1-INCH, CITY LF	SPV.0090.26 WATER SERVICE COPPER TYPE K 2-INCH, CITY LF	SPV.0090.20 WATERMAIN 4-INCH, CITY LF	*SPV.0090.21 WATERMAIN 6-INCH, CITY LF	*SPV.0090.22 WATERMAIN 8-INCH, CITY LF	REMARKS
0010	W128	99+97.47	10.0' LT	1	-	1	-	1	-	45	-	-	-	-	
	W129	101+20.98	20.2' RT	1	-	1	-	1	-	46	-	-	-	-	
	W130	101+92.91	10.0' LT	1	-	1	-	1	-	45	-	-	-	-	
	W131	102+57.33	13.2' LT	-	-	-	-	-	1	-	-	-	20	-	
	W132	105+63.31	10.0' LT	1	-	1	-	1	-	47	-	-	-	-	
	W133	105+69.35	22.5' LT	-	1	-	1	1	-	-	18	-	-	-	
	W134	106+76.23	10.0' LT	1	-	1	-	1	-	47	-	-	-	-	
	W135	108+97.78	10.0' LT	1	-	1	-	1	-	47	-	-	-	-	
	W136	109+70.90	9.9' LT	1	-	1	-	1	-	46	-	-	-	-	
	W137	110+59.19	24.8' RT	1	-	1	-	1	-	46	-	-	-	-	
	W138	111+56.37	10.0' LT	1	-	1	-	1	-	46	-	-	-	-	
	W139	111+87.33	22.0' LT	-	-	-	-	-	1	-	-	-	20	-	
	W140	112+29.49	10.0' LT	1	-	1	-	1	-	45	-	-	-	-	
	W141	112+86.56	21.7' LT	-	1	-	1	1	-	-	20	-	-	-	
	W142	112+87.98	10.0' LT	1	-	1	-	1	-	45	-	-	-	-	
	W143	113+68.45	10.0' LT	1	-	1	-	1	-	45	-	-	-	-	
	W144	114+36.68	20.6' LT	-	1	-	1	1	-	-	18	-	-	-	
	W145	115+11.17	10.0' LT	1	-	1	-	1	-	45	-	-	-	-	
	W146	115+14.76	20.1' LT	-	1	-	1	1	-	-	19	-	-	-	
	W147	115+92.48	19.6' LT	1	-	1	-	1	-	18	-	-	-	-	
	W148	116+08.65	10.0' LT	1	-	1	-	1	-	45	-	-	-	-	
	W149	117+37.18	25.4' LT	1	-	1	-	1	-	14	-	-	-	-	
	W150	118+10.49	25.4' LT	1	-	1	-	1	-	14	-	-	-	-	
	W151	118+39.10	24.1' RT	-	1	-	1	1	-	-	51	-	-	-	
	W152	121+72.89	23.3' RT	-	-	-	-	-	1	-	-	-	42	-	
	W153	122+16.77	26.4' LT	-	1	-	1	1	-	-	15	-	-	-	
	W154	124+61.99	26.7' LT	1	-	1	-	1	-	20	-	-	-	-	
	W155	128+65.11	27.0' LT	1	-	1	-	1	-	20	-	-	-	-	
	W156	130+58.02	6.09' LT	-	-	-	-	-	1	-	-	-	-	47	
	W157	9+02.40	17.0' RT	1	-	1	-	1	-	24	-	-	-	-	
	W158	8+84.11	20.0' LT	1	-	1	-	1	-	26	-	-	-	-	
	W159	8+83.95	10.8' RT	1	-	1	-	1	-	45	-	-	-	-	
	ITEM SUBTOTALS			**148**	**8**	**148**	**8**	**156**	**5**	**4742**	**211**	**51**	**82**	**47**	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

WATERMAIN SPECIAL PROVISIONS

CATEGORY	STAGE	STATION - STATION	SPV.0060.39 GATE VALVE AND BOX, 4-INCH, CITY EACH	SPV.0060.40 GATE VALVE AND BOX, 6-INCH, CITY EACH	SPV.0060.41 GATE VALVE AND BOX, 8-INCH, CITY EACH	SPV.0060.42 GATE VALVE AND BOX, 10-INCH, CITY EACH	SPV.0060.43 GATE VALVE AND BOX, 12-INCH, CITY EACH	SPV.0060.44 HYDRANT, CITY EACH	SPV.0060.50 CONNECT TO EXISTING WATERMAIN TEMPORARY, CITY EACH	*SPV.0060.51 CONNECT TO EXISTING WATER MAIN, CITY EACH	SPV.0060.52 LOWER WATER MAIN, CITY EACH	SPV.0085.01 WATER MAIN FITTINGS, CITY LB	*SPV.0090.21 WATERMAIN 6-INCH, CITY LF	*SPV.0090.22 WATERMAIN 8-INCH, CITY LF	SPV.0090.23 WATERMAIN 10-INCH, CITY LF	SPV.0090.24 WATERMAIN 12-INCH, CITY LF	SPV.0165.10 INSULATION, CITY SF
0010	STAGE 1	129+00 - 132+30	-	1		4	-	1	-	1	1	439	-	47	331	-	-
	STAGE 2A	68+50 - 90+00	1	5	10	-	-	5	1	3	3	1436	106	2450	-	-	704
	STAGE 2A	109+25 - 129+00	-	6	3	8	-	4	1	4	0	1856	147	192	1978	-	256
	STAGE 2B	90+00 - 109+25	-	7	9	3	-	6	-	4	2	1912	120	1934	226	-	512
	STAGE 3A	24+00 - 44+00	-	4	7	-	-	4	-	3	1	1188	92	1640	-	-	192
	STAGE 3B	44+00 - 68+50	-	9	15	-	2	9	1	6	5	2491	133	2779	-	107	512
	ITEM TOTALS		**1**	**32**	**44**	**15**	**2**	**29**	**3**	**21**	**12**	**9322**	**598**	**9042**	**2535**	**107**	**2176**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SANITARY SERVICE ITEMS (1 OF 5)

CATEGORY	NAME	STATION	OFFSET	SPV.0060.57 REPLACE SANITARY SERVICE WYE, 8-INCH X 4-INCH, CITY EACH	SPV.0060.64 SANITARY SERVICE WYE, 8-INCH X 4-INCH, CITY EACH	SPV.0060.65 SANITARY SERVICE WYE, 8-INCH X 6-INCH, CITY EACH	SPV.0060.66 SANITARY SERVICE WYE, 8-INCH X 8-INCH, CITY EACH	SPV.0060.67 SANITARY SERVICE WYE, 10-INCH X 4-INCH, CITY EACH	SPV.0060.68 SANITARY SERVICE WYE, 12-INCH X 4-INCH, CITY EACH	SPV.0060.69 SANITARY SERVICE WYEV12-INCH X 6-INCH, CITY EACH	SPV.0060.63 CONNECT TO EXISTING SANITARY SERVICE, CITY EACH	SPV.0090.31 SANITARY SERVICE PVC 4-INCH, CITY LF	SPV.0090.32 SANITARY SERVICE PVC 6-INCH, CITY LF	SPV.0090.33 SANITARY SERVICE PVC 8-INCH, CITY LF
0020	S1	40+20.46	LT	-	1	-	-	-	-	_	1	17	-	-
	S2	40+87.61	LT	1	-	-	-	-	-	_	1	17	-	-
	S3	41+50.69	LT	1	-	-	-	-	-	_	1	16	-	-
	S4	43+35.19	LT	-	1	-	-	-	-	_	1	34	-	-
	S5	43+93.18	LT	-	1	-	-	-	-	_	1	34	-	-
	S6	44+49.83	RT	-	1	-	-	-	-	_	1	33	-	-
	S7	44+58.17	LT	-	1	-	-	-	-	_	1	34	-	-
	S8	45+23.17	LT	-	1	-	-	-	-	_	1	34	-	-
	S9	45+24.95	RT	-	1	-	-	-	-	_	1	33	-	-
	S10	45+77.17	LT	-	1	-	-	-	-	_	1	33	-	-
	S11	46+07.49	RT	-	-	1	-	-	-	_	1	-	33	-
	S12	46+52.94	RT	-	1	-	-	-	-	_	1	33	33	-
	S13	46+99.04	RT	-	1	-	-	-	-	_	1	34	34	-
	S14	47+19.79	LT	-	1	-	-	-	-	_	1	33	33	-
	S15	48+61.27	RT	-	1	-	-	-	-	_	1	34	34	-
	S16	48+70.71	LT	-	1	-	-	-	-	_	1	34	-	-
	S17	49+05.68	RT	-	1	-	-	-	-	_	1	33	-	-
	S18	49+26.28	LT	-	1	-	-	-	-	_	1	33	-	-
	S19	49+72.68	RT	-	1	-	-	-	-	_	1	33	-	-
	S20	50+31.64	LT	-	1	-	-	-	-	_	1	34	-	-
	S21	50+35.48	RT	-	1	-	-	-	-	_	1	33	-	-
	S22	51+15.94	LT	-	1	-	-	-	-	_	1	33	-	-
	S23	51+63.94	LT	-	1	-	-	-	-	_	1	33	-	-
	S24	51+57.33	RT	-	1	-	-	-	-	_	1	33	-	-
	S25	52+10.79	RT	-	1	-	-	-	-	_	1	34	-	-
	S26	52+56.23	RT	-	1	-	-	-	-	_	1	33	-	-
	S27	52+73.16	LT	-	1	-	-	-	-	_	1	33	-	-
	S28	53+64.16	LT	-	1	-	-	-	-	_	1	33	-	-
	S29	53+96.23	RT	-	1	-	-	-	-	_	1	33	-	-
	S30	53+99.16	LT	-	1	-	-	-	-	_	1	33	-	-
	S31	54+51.94	LT	-	-	1	-	-	-	_	1	-	33	-
	S32	54+52.12	RT	-	1	-	-	-	-	_	1	33	-	-
	S33	55+08.38	RT	-	1	-	-	-	-	_	1	34	-	-

CONTINUED ON NEXT TABLE

SANITARY SERVICE ITEMS (2 OF 5)

CATEGORY	NAME	STATION	OFFSET	SPV.0060.57 REPLACE SANITARY SERVICE WYE, 8-INCH X 4-INCH, CITY EACH	SPV.0060.64 SANITARY SERVICE WYE, 8-INCH X 4-INCH, CITY EACH	SPV.0060.65 SANITARY SERVICE WYE, 8-INCH X 6-INCH, CITY EACH	SPV.0060.66 SANITARY SERVICE WYE, 8-INCH X 8-INCH, CITY EACH	SPV.0060.67 SANITARY SERVICE WYE, 10-INCH X 4-INCH, CITY EACH	SPV.0060.68 SANITARY SERVICE WYE, 12-INCH X 4-INCH, CITY EACH	SPV.0060.69 SANITARY SERVICE WYEV12-INCH X 6-INCH, CITY EACH	SPV.0060.63 CONNECT TO EXISTING SANITARY SERVICE, CITY EACH	SPV.0090.31 SANITARY SERVICE PVC 4-INCH, CITY LF	SPV.0090.32 SANITARY SERVICE PVC 6-INCH, CITY LF	SPV.0090.33 SANITARY SERVICE PVC 8-INCH, CITY LF
0020	S34	55+38.38	RT	-	1	-	-	-	-	-	1	33	-	-
	S35	55+46.67	LT	-	-	1	-	-	-	-	1	-	33	-
	S36	55+76.67	LT	-	1	-	-	-	-	-	1	33	-	-
	S37	56+06.67	LT	-	1	-	-	-	-	-	1	33	-	-
	S38	56+09.38	RT	-	1	-	-	-	-	-	1	33	-	-
	S39	57+23.59	RT	-	1	-	-	-	-	-	1	33	-	-
	S40	57+25.71	LT	-	1	-	-	-	-	-	1	34	-	-
	S41	57+96.71	LT	-	1	-	-	-	-	-	1	34	-	-
	S42	58+26.63	RT	-	1	-	-	-	-	-	1	33	-	-
	S43	58+60.46	LT	-	1	-	-	-	-	-	1	34	-	-
	S44	58+61.53	RT	-	1	-	-	-	-	-	1	33	-	-
	S45	59+09.51	RT	-	1	-	-	-	-	-	1	33	-	-
	S46	59+21.84	LT	-	1	-	-	-	-	-	1	34	-	-
	S47	59+42.51	RT	-	1	-	-	-	-	-	1	32	-	-
	S48	60+06.77	LT	-	1	-	-	-	-	-	1	35	-	-
	S49	60+11.51	RT	-	1	-	-	-	-	-	1	32	-	-
	S50	60+47.42	RT	-	1	-	-	-	-	-	1	32	-	-
	S50A	62+31.62	RT	-	1	-	-	-	-	-	1	32	-	-
	S51	62+49.06	LT	-	1	-	-	-	-	-	1	34	-	-
	S52	62+98.95	RT	-	1	-	-	-	-	-	1	32	-	-
	S53	63+00.89	LT	-	1	-	-	-	-	-	1	33	-	-
	S54	63+41.12	RT	-	1	-	-	-	-	-	1	32	-	-
	S55	63+84.89	LT	-	1	-	-	-	-	-	1	34	-	-
	S56	64+38.06	LT	-	1	-	-	-	-	-	1	34	-	-
	S57	64+41.13	RT	-	1	-	-	-	-	-	1	39	-	-
	S58	64+96.25	RT	-	1	-	-	-	-	-	1	33	-	-
	S59	64+99.06	LT	-	1	-	-	-	-	-	1	33	-	-
	S60	65+66.84	LT	-	1	-	-	-	-	-	1	33	-	-
	S61	66+19.37	LT	-	1	-	-	-	-	-	1	36	-	-
	S62	66+62.68	LT	-	1	-	-	-	-	-	1	33	-	-
	S63	67+47.52	LT	-	1	-	-	-	-	-	1	33	-	-
	S64	68+14.52	LT	-	1	-	-	-	-	-	1	33	-	-
	S65	68+50.52	LT	-	1	-	-	-	-	-	1	33	-	-
	S66	68+96.52	LT	-	1	-	-	-	-	-	1	33	-	-

CONTINUED ON NEXT TABLE

SANITARY SERVICE ITEMS (3 OF 5)

CATEGORY	NAME	STATION	OFFSET	SPV.0060.57 REPLACE SANITARY SERVICE WYE, 8-INCH X 4-INCH, CITY EACH	SPV.0060.64 SANITARY SERVICE WYE, 8-INCH X 4-INCH, CITY EACH	SPV.0060.65 SANITARY SERVICE WYE, 8-INCH X 6-INCH, CITY EACH	SPV.0060.66 SANITARY SERVICE WYE, 8-INCH X 8-INCH, CITY EACH	SPV.0060.67 SANITARY SERVICE WYE, 10-INCH X 4-INCH, CITY EACH	SPV.0060.68 SANITARY SERVICE WYE, 12-INCH X 4-INCH, CITY EACH	SPV.0060.69 SANITARY SERVICE WYEV12-INCH X 6-INCH, CITY EACH	SPV.0060.63 CONNECT TO EXISTING SANITARY SERVICE, CITY EACH	SPV.0090.31 SANITARY SERVICE PVC 4-INCH, CITY LF	SPV.0090.32 SANITARY SERVICE PVC 6-INCH, CITY LF	SPV.0090.33 SANITARY SERVICE PVC 8-INCH, CITY LF
0020	S67	69+40.93	LT	-	1	-	-	-	-	-	1	33	-	-
	S68	69+42.13	RT	-	1	-	-	-	-	-	1	33	-	-
	S71	72+07.78	LT	-	1	-	-	-	-	-	1	33	-	-
	S72	72+81.87	RT	-	1	-	-	-	-	-	1	33	-	-
	S73	73+01.76	LT	-	1	-	-	-	-	-	1	33	-	-
	S74	73+45.11	LT	-	1	-	-	-	-	-	1	33	-	-
	S75	73+69.68	RT	-	1	-	-	-	-	-	1	33	-	-
	S76	73+97.61	LT	-	1	-	-	-	-	-	1	33	-	-
	S79	76+79.63	RT	-	1	-	-	-	-	-	1	29	-	-
	S80	77+71.38	RT	-	1	-	-	-	-	-	1	29	-	-
	S81	78+03.48	LT	-	1	-	-	-	-	-	1	36	-	-
	S82	78+42.67	RT	-	1	-	-	-	-	-	1	28	-	-
	S83	78+90.17	LT	-	1	-	-	-	-	-	1	36	-	-
	S84	79+66.25	LT	-	1	-	-	-	-	-	1	36	-	-
	S84A	81+68.33	RT	-	-	-	-	-	-	1	1	-	32	-
	S85	82+38.63	RT	-	-	-	-	-	1	-	1	32	-	-
	S86	82+65.42	LT	-	-	-	-	-	1	-	1	32	-	-
	S87	82+81.32	RT	-	-	-	-	-	1	-	1	32	-	-
	S88	83+37.17	LT	-	-	-	-	-	1	-	1	33	-	-
	S89	83+65.37	RT	-	-	-	-	-	1	-	1	32	-	-
	S90	83+70.42	LT	-	-	-	-	-	1	-	1	33	-	-
	S91	84+15.41	RT	-	-	-	-	-	1	-	1	32	-	-
	S92	84+68.87	RT	-	-	-	-	-	1	-	1	34	-	-
	S93	85+63.31	LT	-	-	-	-	-	1	-	1	33	-	-
	S94	85+66.38	RT	-	-	-	-	-	1	-	1	32	-	-
	S95	86+25.18	RT	-	-	-	-	-	1	-	1	32	-	-
	S96	86+43.33	LT	-	-	-	-	-	1	-	1	33	-	-
	S97	86+48.37	LT	-	-	-	-	-	1	-	1	33	-	-
	S98	86+99.38	RT	-	-	-	-	-	1	-	1	32	-	-
	S99	87+34.35	LT	-	-	-	-	-	1	-	1	33	-	-
	S100	87+90.35	LT	-	-	-	-	-	1	-	1	33	-	-
	S101	88+02.38	RT	-	-	-	-	-	1	-	1	33	-	-
	S102	88+37.55	LT	-	-	-	-	-	1	-	1	33	-	-
	S104	90+18.95	LT	-	-	-	-	-	1	-	1	33	-	-
	S105	90+50.93	LT	-	-	-	-	-	1	-	1	32	-	-

CONTINUED ON NEXT TABLE

SANITARY SERVICE ITEMS (4 OF 5)

CATEGORY	NAME	STATION	OFFSET	SPV.0060.57 REPLACE SANITARY SERVICE WYE, 8-INCH X 4-INCH, CITY EACH	SPV.0060.64 SANITARY SERVICE WYE, 8-INCH X 4-INCH, CITY EACH	SPV.0060.65 SANITARY SERVICE WYE, 8-INCH X 6-INCH, CITY EACH	SPV.0060.66 SANITARY SERVICE WYE, 8-INCH X 8-INCH, CITY EACH	SPV.0060.67 SANITARY SERVICE WYE, 10-INCH X 4-INCH, CITY EACH	SPV.0060.68 SANITARY SERVICE WYE, 12-INCH X 4-INCH, CITY EACH	SPV.0060.69 SANITARY SERVICE WYEV12-INCH X 6-INCH, CITY EACH	SPV.0060.63 CONNECT TO EXISTING SANITARY SERVICE, CITY EACH	SPV.0090.31 SANITARY SERVICE PVC 4-INCH, CITY LF	SPV.0090.32 SANITARY SERVICE PVC 6-INCH, CITY LF	SPV.0090.33 SANITARY SERVICE PVC 8-INCH, CITY LF
0020	S106	90+85.16	RT	-	-	-	-	-	1	-	1	33	-	-
	S107	91+02.95	LT	-	-	-	-	-	1	-	1	32	-	-
	S108	91+36.16	RT	-	-	-	-	-	1	-	1	34	-	-
	S109	91+73.95	LT	-	-	-	-	-	1	-	1	32	-	-
	S110	91+99.17	RT	-	-	-	-	-	1	-	1	34	-	-
	S111	92+44.95	LT	-	-	-	-	-	1	-	1	32	-	-
	S112	92+78.17	RT	-	-	-	-	-	1	-	1	35	-	-
	S114	94+22.11	LT	-	-	-	-	1	-	-	1	33	-	-
	S115	94+35.53	RT	-	-	-	-	1	-	-	1	34	-	-
	S116	95+07.65	LT	-	-	-	-	1	-	-	1	32	-	-
	S117	95+75.65	LT	-	-	-	-	1	-	-	1	32	-	-
	S118	96+24.68	LT	-	-	-	-	1	-	-	1	32	-	-
	S119	96+84.58	LT	-	-	-	-	1	-	-	1	32	-	-
	S120	97+55.53	RT	-	-	-	-	1	-	-	1	32	-	-
	S121	98+19.53	RT	-	-	-	-	1	-	-	1	32	-	-
	S122	98+35.53	LT	-	-	-	-	1	-	-	1	33	-	-
	S123	99+01.53	RT	-	-	-	-	1	-	-	1	32	-	-
	S124	99+77.56	LT	-	-	-	-	1	-	-	1	33	-	-
	S125	99+91.25	RT	-	-	-	-	1	-	-	1	32	-	-
	S126	101+18.59	RT	-	1	-	-	-	-	-	1	32	-	-
	S127	101+91.60	RT	-	1	-	-	-	-	-	1	32	-	-
	S128	104+87.31	LT	-	1	-	-	-	-	-	1	29	-	-
	S129	105+60.07	RT	-	1	-	-	-	-	-	1	35	-	-
	S131	106+78.05	RT	-	1	-	-	-	-	-	1	34	-	-
	S133	108+44.77	RT	-	1	-	-	-	-	-	1	34	-	-
	S134	109+95.83	RT	-	1	-	-	-	-	-	1	34	-	-
	S135	110+66.14	RT	-	1	-	-	-	-	-	1	34	-	-
	S135A	110+66.55	LT	-	-	1	-	-	-	-	1	-	32	-
	S136	111+30.41	LT	-	-	1	-	-	-	-	1	32	-	-
	S137	111+64.27	RT	-	1	-	-	-	-	-	1	33	-	-
	S138	111+94.38	LT	-	-	1	-	-	-	-	1	32	-	-
	S139	112+20.34	RT	-	1	-	-	-	-	-	1	32	-	-

CONTINUED ON NEXT TABLE

CATEGORY	NAME	STATION	OFFSET	SPV.0060.57 REPLACE SANITARY SERVICE WYE, 8-INCH X 4-INCH, CITY EACH	SPV.0060.64 SANITARY SERVICE WYE, 8-INCH X 4-INCH, CITY EACH	SPV.0060.65 SANITARY SERVICE WYE, 8-INCH X 6-INCH, CITY EACH	SPV.0060.66 SANITARY SERVICE WYE, 8-INCH X 8-INCH, CITY EACH	SPV.0060.67 SANITARY SERVICE WYE, 10-INCH X 4-INCH, CITY EACH	SPV.0060.68 SANITARY SERVICE WYE, 12-INCH X 4-INCH, CITY EACH	SPV.0060.69 SANITARY SERVICE WYEV12-INCH X 6-INCH, CITY EACH	SPV.0060.63 CONNECT TO EXISTING SANITARY SERVICE, CITY EACH	SPV.0090.31 SANITARY SERVICE PVC 4-INCH, CITY LF	SPV.0090.32 SANITARY SERVICE PVC 6-INCH, CITY LF	SPV.0090.33 SANITARY SERVICE PVC 8-INCH, CITY LF
0020	S140	112+63.38	LT	-	-	1	-	-	-	-	1	32	-	-
	S141	112+94.28	RT	-	1	-	-	-	-	-	1	32	-	-
	S143	113+84.80	LT	-	-	-	1	-	-	-	1	-	-	30
	S144	114+03.35	RT	-	1	-	-	-	-	-	1	32	-	-
	S146	115+19.35	RT	-	1	-	-	-	-	-	1	32	-	-
	S147	115+22.27	LT	-	-	1	-	-	-	-	1	31	-	-
	S148	116+02.27	LT	-	1	-	-	-	-	-	1	30	-	-
	S149	116+11.35	RT	-	1	-	-	-	-	-	1	32	-	-
	S152	117+57.07	LT	-	1	-	-	-	-	-	1	27	-	-
	S153	118+10.07	LT	-	-	1	-	-	-	-	1	-	26	-
	S154	118+42.03	RT	-	-	1	-	-	-	-	1	-	38	-
	S155	121+65.13	LT	-	-	1	-	-	-	-	1	-	28	-
	S156	122+26.22	LT	-	-	1	-	-	-	-	1	-	28	-
	S157	124+55.86	LT	-	1	-	-	-	-	-	1	29	-	-
	S159	131+19.66	LT	-	-	-	-	-	-	-	1	-	52	-
										-				
	ITEM SUBTOTALS			2	93	12	1	12	27	1	149	4486	469	30

SANITARY SEWER PIPE SPECIAL PROVISIONS (1 OF 2)

CATEGORY	BEGIN STRUCTURE	END STRUCTURE	SPV.0060.61 CONNECT TO EXISTING SANITARY STRUCTURE, CITY EACH	SPV.0060.62 CONNECT TO EXISTING SANITARY SEWER, CITY EACH	SPV.0090.27 SANITARY SEWER PVC 6-INCH, CITY LF	SPV.0090.28 SANITARY SEWER PVC 8-INCH, CITY LF	SPV.0090.29 SANITARY SEWER PVC 10-INCH, CITY LF	SPV.0090.30 SANITARY SEWER PVC 12-INCH, CITY LF
0020	EX 35418	EX 35509	2	-	-	137	-	-
	STUB (W)	1	-	1	-	5	-	-
	1	STUB (E)	-	1	-	20	-	-
	STUB (W)	2	-	1	-	5	-	-
	STUB (N)	2	-	1	-	5	-	-
	2	3	-	-	-	19	-	-
	3	STUB (S)	-	1	-	4	-	-
	3	4	-	-	-	447	-	-
	5	5B	-	-	-	190	-	-
	5B	6	-	-	-	150	-	-
	6	STUB (N)	-	1	-	5	-	-
	6	7	-	-	-	252	-	-
	7	8		-	-	226	-	-
	8	STUB (N)	-	1	5	-	-	-
	8	STUB (S)	-	1	-	-	5	-
	8	8B	-	-	-	177	-	-
	8B	8C	-	-	-	187	-	-
	9	STUB (N)	-	1	-	5	-	-
	9	10	-	-	-	47	-	-
	10	11	-	-	-	229	-	-
	11	12	-	-	-	220	-	-
	12	STUB (S)	-	1	-	5	-	-
	12	13	-	-	-	322	-	-
	STUB (N)	14	-	1	-	-	5	-
	STUB (S)	14	-	1	-	-	-	5
	14	15	-	-	-	309	-	-
	STUB (N)	16	-	1	-	-	-	7
	STUB (S)	16	-	1	-	-	-	15
	17	18	-	-	-	347	-	-
	18	18A	-	1	-	-	-	63
	18	18B	-	1	-	-	-	34
	19B	19A	2	-	-	-	-	392

CONTINUED ON NEXT TABLE

SANITARY SEWER PIPE SPECIAL PROVISIONS (2 OF 2)

CATEGORY	BEGIN STRUCTURE	END STRUCTURE	SPV.0060.61 CONNECT TO EXISTING SANITARY STRUCTURE, CITY EACH	SPV.0060.62 CONNECT TO EXISTING SANITARY SEWER, CITY EACH	SPV.0090.27 SANITARY SEWER PVC 6-INCH, CITY LF	SPV.0090.28 SANITARY SEWER PVC 8-INCH, CITY LF	SPV.0090.29 SANITARY SEWER PVC 10-INCH, CITY LF	SPV.0090.30 SANITARY SEWER PVC 12-INCH, CITY LF
0020	19A	19	1	-	-	-	-	459
	19	STUB (S)	-	1	-	-	-	5
	19	20	-	-	-	-	-	400
	20	STUB (N)	-	1	-	-	-	25
	20	21	-	-	-	-	341	-
	21	22	-	-	-	-	407	-
	22	23	-	-	-	213	-	-
	24	25	-	-	-	448	-	-
	25	EXIST	1	-	-	-	56	-
	25	26	-	-	-	251	-	-
	26	27	-	-	-	314	-	-
	27	28	-	-	-	286	-	-
	28	STUB (N)	-	1	-	5	-	-
	28	STUB (S)	-	1	-	-	5	-
	28	29	-	-	-	30	-	-
	29	30	-	-	-	269	-	-
	30	31	-	-	-	301	-	-
	31	32	-	-	-	270	-	-
	33	33A	-	-	-	-	-	92
	33	STUB (S)	-	1	-	-	-	5
	33	STUB (E)	-	1	-	-	-	24
	33A	STUB (N)	-	-	-	5	-	-
	34	STUB (W)	-	2	-	-	-	9
	34	STUB (E)	-	1	-	-	-	5
	ITEM TOTALS		**6**	**25**	**5**	**5705**	**819**	**1540**

SANITARY SEWER STRUCTURES SPECIAL PROVISIONS (1 OF 2)

CATEGORY	STRUCTURE	STATION	OFFSET	SPV.0060.58 SANITARY MANHOLES 4-FT DIAMETER, CITY EACH	SPV.0060.59 SANITARY MANHOLES 5-FT DIAMETER, CITY EACH	SPV.0060.60 SANITARY MANHOLE OUTSIDE DROP SECTION, CITY EACH	SPV.0060.70 SALVAGED MANHOLE COVERS, CITY EACH	SPV.0060.95 ADJUSTING MANHOLE COVERS EACH
0020	1	40+15.46	17.7' LT	1	-	-	-	1
	2	42+78.60	20.3' LT	1	-	-	-	1
	3	42+77.54	0.0' RT	1	-	-	-	1
	4	47+24.85	0.0' RT	1	-	-	-	1
	5	48+56.19	0.0' RT	1	-	-	-	1
	5B	50+54.94	0.0' RT	1	-	-	-	1
	6	52+05.01	0.0' RT	1	-	-	-	1
	7	54+57.19	0.0' LT	1	-	-	-	1
	8	56+83.52	0.3' RT	1	-	1	-	1
	8B	58+74.67	0.0' RT	1	-	-	-	1
	8C	60+53.76	0.0' RT	1	-	-	-	1
	9	61+45.83	35.0' LT	1	-	1	-	1
	10	61+75.60	0.0' RT	1	-	-	-	1
	11	64+04.13	0.0' RT	1	-	-	-	1
	12	66+24.23	0.0' RT	1	-	-	-	1
	13	69+46.55	0.0' RT	1	-	-	-	1
	14	70+93.81	0.3' RT	1	-	-	-	1
	15	74+02.86	0.0' RT	1	-	-	-	1
	16	75+56.88	0.0' RT	1	-	-	-	1
	17	76+74.99	0.0' RT	1	-	-	-	1
	18	80+22.06	0.0' RT	1	-	-	-	1
	18A	80+20.85	58.9' LT	-	1	-	-	1
	18B	80+20.82	38.1' RT	-	1	-	-	1
	19	89+38.28	0.0' RT	1	-	-	-	1
	19A	84+79.36	0.0' RT	1	-	-	-	1
	19B	80+87.78	0.0' RT	1	-	-	-	1
	20	93+38.05	0.0' RT	1	-	1	-	1
	21	96+79.59	0.0' RT	1	-	-	-	1
	22	100+86.54	0.2' RT	1	-	-	-	1
	23	102+99.37	0.1' LT	1	-	-	-	1
	24	103+67.50	0.0' RT	1	-	-	-	1
	25	108+15.69	0.0' RT	1	-	-	-	1
	EXIST	108+17.36	55.8' LT	-	-	-	1	1

SANITARY SEWER STRUCTURES SPECIAL PROVISIONS (2 OF 2)

CATEGORY	STRUCTURE	STATION	OFFSET	SPV.0060.58 SANITARY MANHOLES 4-FT DIAMETER, CITY EACH	SPV.0060.59 SANITARY MANHOLES 5-FT DIAMETER, CITY EACH	SPV.0060.60 SANITARY MANHOLE OUTSIDE DROP SECTION, CITY EACH	SPV.0060.70 SALVAGED MANHOLE COVERS, CITY EACH	SPV.0060.95 ADJUSTING MANHOLE COVERS EACH
0020	26	110+72.33	0.0' LT	1	-	-	-	1
	27	113+80.31	0.0' RT	1	-	-	-	1
	28	116+66.20	0.0' RT	1	-	2	-	1
	29	116+95.24	0.0' RT	1	-	-	-	1
	30	119+64.08	0.0' RT	1	-	-	-	1
	31	122+65.16	0.0' RT	1	-	-	-	1
	32	125+34.74	0.0' RT	1	-	-	-	1
	33	126+56.99	18.4' RT	1	-	-	-	1
	33A	126+55.03	73.4' LT	1	-	-	-	1
	34	131+20.31	17.8' RT	1	-	-	-	1
	ITEM TOTALS			40	2	5	1	43

ABANDON SYSTEM ITEMS

CATEGORY	LOCATION	SPV.0060.54 ABANDON EXISTING WATER SYSTEM, CITY EA	SPV.0060.71 ABANDON EXISTING SEWER SYSTEM, CITY EA
0010	PROJECT	1	-
0020	PROJECT	-	1
ITEM TOTALS		1	1

REMOVING MANHOLES (1 OF 2)

CATEGORY	STATION	OFFSET	SPV.0060.56 REMOVE SANITARY MANHOLES, CITY EA
0020	40+20.46	17.7' LT	1
	42+78.60	20.3' LT	1
	42+77.54	1.4' LT	1
	47+11.74	2.6' LT	1
	48+65.72	1.2' LT	1
	50+54.94	0.2' LT	1
	52+05.01	0.5' LT	1
	54+52.19	0.8' LT	1
	56+83.52	0.3' RT	1
	58+60.67	0.5' RT	1
	60+47.76	1.4' RT	1
	61+45.83	35.0' LT	1
	61+84.06	1.5' RT	1
	66+24.23	0.6' RT	1
	69+41.55	0.3' RT	1
	70+93.81	0.3' RT	1
	73+53.57	0.2' LT	1
	73+97.86	0.0' RT	1
	75+56.89	0.8' LT	1
	80+20.52	4.1' RT	1
	89+38.28	0.7' RT	1
	93+38.05	0.6' LT	1
	96+84.59	0.0' RT	1
	100+86.54	0.2' RT	1
	102+99.37	0.1' LT	1
	103+67.50	2.6' LT	1
	107+16.49	0.4' LT	1
	108+15.69	0.7' LT	1
	110+66.33	0.9' LT	1
	113+85.31	0.3' LT	1
	116+66.20	0.7' LT	1
	116+95.24	5.4' LT	1

CONTINUED ON NEXT TABLE

REMOVAL MANHOLES (2 OF 2)

CATEGORY	STATION	OFFSET	SPV.0060.56 REMOVE SANITARY MANHOLES, CITY EA
0020	119+64.05	5.2' LT	1
	122+65.16	4.5' LT	1
	125+34.74	3.4' LT	1
	126+56.99	18.4' RT	1
	131+20.31	17.8' RT	1
	ITEM TOTALS		**37**

REMOVING HYDRANTS

CATEGORY	STATION	OFFSET	SPV.0060.53 REMOVE HYDRANT, CITY EA
0010	27+34.34	29.1' LT	1
	35+12.69	28.4' LT	1
	39+05.03	42.6' LT	1
	42+54.60	38.4' RT	1
	48+33.07	39.4' LT	1
	53+60.93	27.8' LT	1
	57+06.98	37.2' LT	1
	61+70.26	34.7' RT	1
	66+50.97	150.2' RT	1
	66+64.83	27.0' LT	1
	70+71.30	42.0' LT	1
	75+82.98	39.2' RT	1
	80+45.63	34.1' LT	1
	84+56.05	33.4' LT	1
	89+74.61	25.8' LT	1
	93+61.69	63.6' LT	1
	97+12.27	26.1' LT	1
	102+66.32	25.3' LT	1
	107+93.53	43.3' LT	1
	112+70.90	26.7' LT	1
	117+17.12	24.7' LT	1
	121+79.27	26.0' LT	1
	126+83.02	36.6' LT	1
	ITEM TOTALS		**23**

ABANDON EXISTING WATER SERVICE

CATEGORY	STATION	LOCATION	SPV.0060.37 ABANDON EXISTING WATER SERVICE, CITY EA
0010	32+09.61	LT	1
	33+66.08	LT	1
	40+26.03	LT	1
	44+09.00	RT	1
	46+45.64	LT	1
	48+94.17	LT	1
	55+73.59	RT	1
	62+94.93	LT	1
	67+99.18	RT	1
	68+63.40	RT	1
	69+03.22	RT	1
	77+18.40	LT	1
	100+88.88	LT	1
	103+25.24	LT	1
	111+28.30	LT	1
	119+38.44	RT	1
	131+28.69	LT	1
	ITEM TOTALS		**17**

ABANDON EXISTING SANITARY SERVICE

CATEGORY	STATION	LOCATION	SPV.0060.38 ABANDON EXISTING SANITARY SERVICE, CITY EA
0020	40+25.70	LT	1
	44+01.96	RT	1
	46+38.17	LT	1
	49+04.28	LT	1
	50+55.25	RT	1
	55+73.38	RT	1
	58+70.00	RT	1
	67+52.58	RT	1
	67+97.58	RT	1
	68+39.58	RT	1
	68+98.58	RT	1
	73+14.81	RT	1
	75+56.99	RT	1
	96+07.53	RT	1
	103+77.28	RT	1
	104+11.68	LT	1
	104+48.26	RT	1
	106+42.68	LT	1
	107+15.12	LT	1
	108+81.67	LT	1
	109+11.70	RT	1
	109+56.68	LT	1
	110+43.45	RT	1
	114+65.35	RT	1
	117+75.18	RT	1
	119+12.98	RT	1
	120+02.18	LT	1
	121+00.18	LT	1
	122+66.31	RT	1
	123+45.86	LT	1
	124+06.86	LT	1
	ITEM TOTALS		**31**

Notes

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