EAU

AUGUST 2023

PROJECT ID: 8160-00-75

WITH: N/A

COUNTY: BAYFIELD

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 = 348

N

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
8160-00-75	WISC 2023582	1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

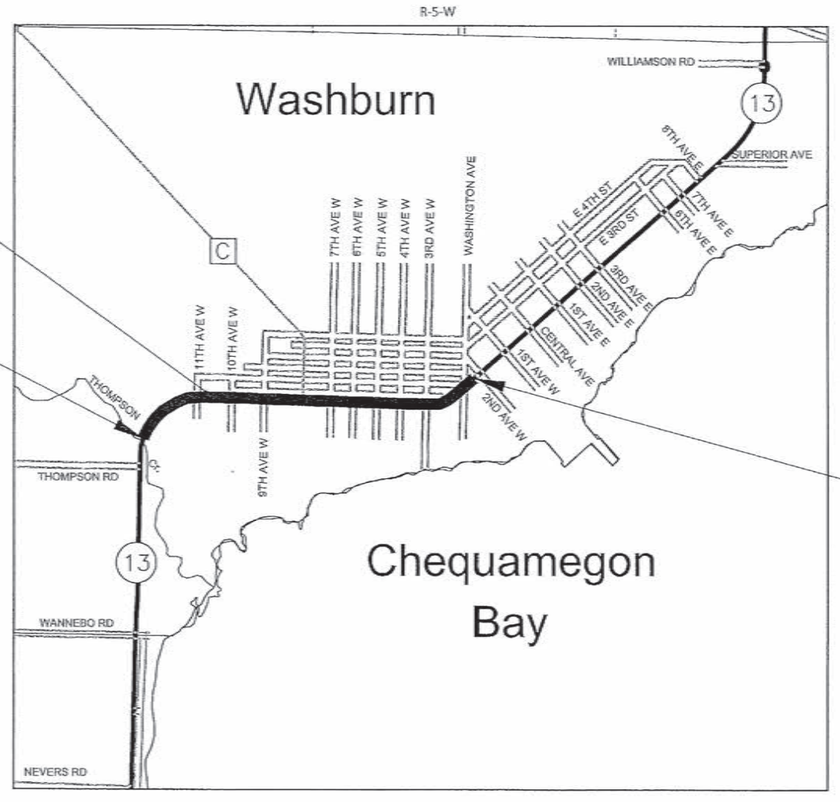
C WASHBURN, BAYFIELD STREET

THOMPSON CREEK - WASHINGTON AVENUE

STH 13

BAYFIELD COUNTY

STATE PROJECT NUMBER
8160-00-75



STA BACK = 342+72.35 =
STA AHEAD = 16+04.85

BEGIN PROJECT
STA 329+28.14
Y = 487113.465
X = 809359.733

END PROJECT
STA 62+54.47
Y = 488074.080
X = 814922.175

DESIGN DESIGNATION			THOMPSON CREEK - 11TH AVE W	11TH AVE W - 2ND AVE W
A.A.D.T.	(2024)	=	7840	7840
A.A.D.T.	(2044)	=	9540	9540
D.H.V.		=	572	572
D.D.		=	60/40	60/40
T.		=	11%	11%
DESIGN SPEED		=	60 MPH	30 MPH
ESALS		=	3,100,000	3,100,000

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 0.5 MI

TOTAL NET LENGTH OF CENTERLINE = 1.130 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), BAYFIELD COUNTY, NAD83 (HYEAR), 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 (HYEAR). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

ORIGINAL PLANS PREPARED BY

JARROD S. STARREN 38465 EAU CLAIRE, WI PROFESSIONAL ENGINEER WISCONSIN

DATE: 4-27-23 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	QUEST
Designer	SEH
Project Manager	JESSICA BOWKER
Regional Examiner	TOU YANG
Regional Supervisor	TYLER RONGSTAD

APPROVED FOR THE DEPARTMENT

DATE: Tyler Rongstad (Signature)

E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\010101_TI.DWG

PLOT DATE : 4/26/2023 1:51 PM PLOT BY : JARROD STARREN PLOT NAME :

ORDER OF SECTION 2 SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
CURB RAMPS
EROSION CONTROL
STORM SEWER
STREET LIGHTING
PAVEMENT MARKING &
PERMANENT SIGNING
TRAFFIC CONTROL
ALIGNMENT

UTILITY CONTACTS

BRIGHTSPEED - COMMUNICATION LINE
ATTENTION: BEN BAKER
425 ELLINGSON AVE
PO BOX 78
HAWKINS, WI 54530
PHONE: 715-532-0023
EMAIL: BEN.BAKER@BRIGHTSPEED.COM

CITY OF WASHBURN - SEWER
ATTENTION: GERALD SCHUETTE
502 W BAYFIELD ST
PO BOX 638
WASHBURN, WI 54897
PHONE: 715-373-6171
EMAIL: DPW@CITYOFWASHBURN.ORG

CITY OF WASHBURN - WATER
ATTENTION: GERALD SCHUETTE
502 W BAYFIELD ST
PO BOX 638
WASHBURN, WI 54897
PHONE: 715-373-6171
EMAIL: DPW@CITYOFWASHBURN.ORG

NORVADO - COMMUNICATION LINE
ATTENTION: KIRK BOGDANOVIC
105 N AVON AVENUE
PHILLIPS, WI 54555
PHONE: 715-339-7511
CELL PHONE: 715-820-0082
EMAIL: KBOGDANOVIC@NORVADO.COM

SPECTRUM - COMMUNICATION LINE
ATTENTION: RYAN NELSON
1810 LAKE SHORE DRIVE E
ASHLAND, WI 54806
PHONE: 715-979-5015
CELL PHONE: 715-931-0238
EMAIL: RYAN.NELSON@CHARTER.COM

XCEL ENERGY
ATTENTION: DAWN SCHULTZ
1414 W HAMILTON AVENUE
PO BOX 8
EAU CLAIRE, WI 54702-0008
PHONE: 715-559-4578
EMAIL: DAWN.SCHULTZ@XCELENERGY.COM

XCEL ENERGY - TRANSMISSION
ATTENTION: MITCHELL DIENGER
414 NICOLLET MALL 5TH FLOOR
MINNEAPOLIS, MN 55401
PHONE: 612-321-3109
EMAIL: MITCHELL.A.DIENGER@XCELENERGY.COM

XCEL ENERGY - ELECTRIC
ATTENTION: MATHEW ROONI
2400 FARM ROAD
ASHLAND, WI 54806
PHONE: 715-682-6927
CELL PHONE: 715-209-0229
EMAIL: MATHEW.W.ROONI@XCELENERGY.COM

XCEL ENERGY - GAS
ATTENTION: BRIAN DARY
2400 FARM ROAD
ASHLAND, WI 54806
PHONE: 715-906-364-5786
EMAIL: BRIAN.M.DARY@XCELENERGY.COM

TRANSIT
BAY AREA TRANSIT (BART)
ATTENTION: PAT DAOUST
2216 6TH STREET EAST
ASHLAND, WI 54806
PHONE: 715-682-9664 EXT. 101
EMAIL: BARTBUS.COM

GENERAL NOTES:

REFERENCE LINES SHOWN ON THE PLANS ARE APPROXIMATE IN RELATION TO CENTERLINE. CONTRACTOR SHALL VERIFY THAT PLAN OFFSETS ARE ACCURATE IN RELATION TO THE CENTERLINE.

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE APPROXIMATE USGS DATUM.

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

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.

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

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE 4-INCH SALVAGED TOPSOILED/TOPSOILED, FERTILIZED AND SEEDED.

ALL PRIVATE DRIVEWAYS, FIELD ENTRANCES, AND SHALL BE RESTORED IN-KIND. LIMITS TO BE DETERMINED BY ENGINEER.

WHEN PORTION OF EXISTING ASPHALTIC SURFACES ARE TO BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION, THE LINE OF SUCH REMOVAL SHALL BE NEATLY DELINEATED WITH A SAW CUT JOINT THOUGH THE ASPHALTIC SURFACE SO THAT REMOVAL OF THE ASPHALT SHALL BE ACCOMPLISHED WITHOUT DAMAGE TO REMAINING PORTION, THE LOCATION OF SAW JOINT AND THE AMOUNT REMOVED AT SIDE ROADS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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

SHOULDER TAPER LOCATIONS SHALL MATCH EXISTING.

TACK COAT CALCULATIONS ARE BASED ON THE FOLLOWING APPLICATION RATES:
- BETWEEN THE MILLED PAVEMENT AND NEW HMA PAVEMENT AT 0.07 GAL/SY
- BETWEEN THE LOWER LAYER AND UPPER LAYER OF NEW HMA PAVEMENT AT 0.05 GAL/SY

HMA PAVEMENT SHALL BE PLACED IN LIFTS AS FOLLOWS:
- 4": 2.25" LOWER LAYER (3 MT 58-28 S), 1.75" UPPER LAYER (4 MT 58-28 S)

A CONVERSION FACTOR OF 2.1 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE 3/4-INCH.

A CONVERSION FACTOR OF 112 LBS/IN/SY IS USED TO ESTIMATE QUANTITIES FOR HMA PAVEMENT.

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 = 14.65 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 10.38 ACRES

DESIGN CONTACTS

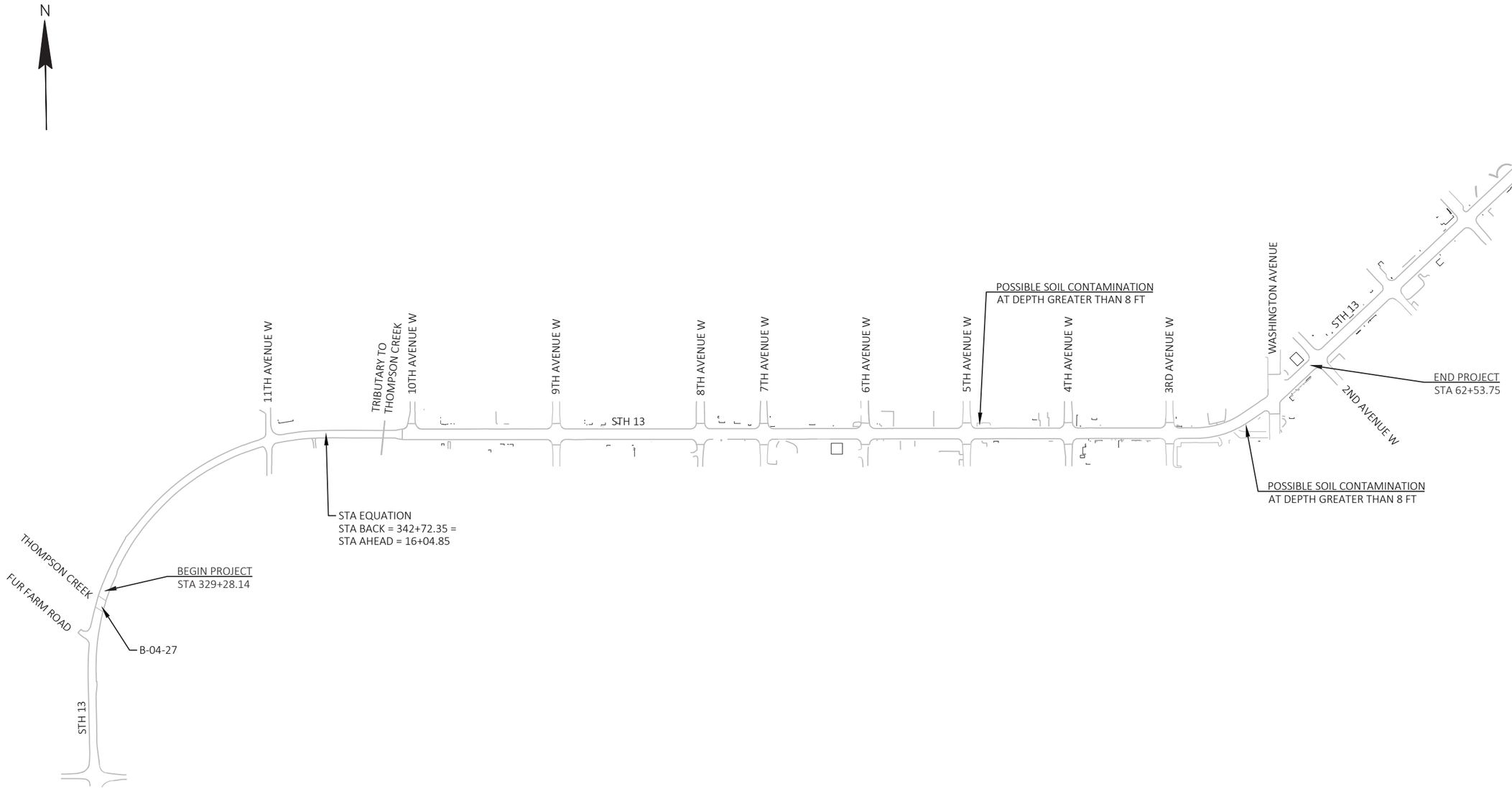
SEH
ATTENTION: JARROD STARREN
10 NORTH BRIDGE STREET
CHIPPEWA FALLS, WI 5429
PHONE: 715.271.1213
EMAIL: JSTARREN@SEHINC.COM

WDNR LIAISON

DNR NORTHERN REGION HQ
ATTENTION: SHAWN HASELEU
810 W. MAPLE STREET
SPOONER, WI 54801
PHONE: 715.635.4229
EMAIL: SHAWN.HASELEU@WISCONSIN.GOV

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

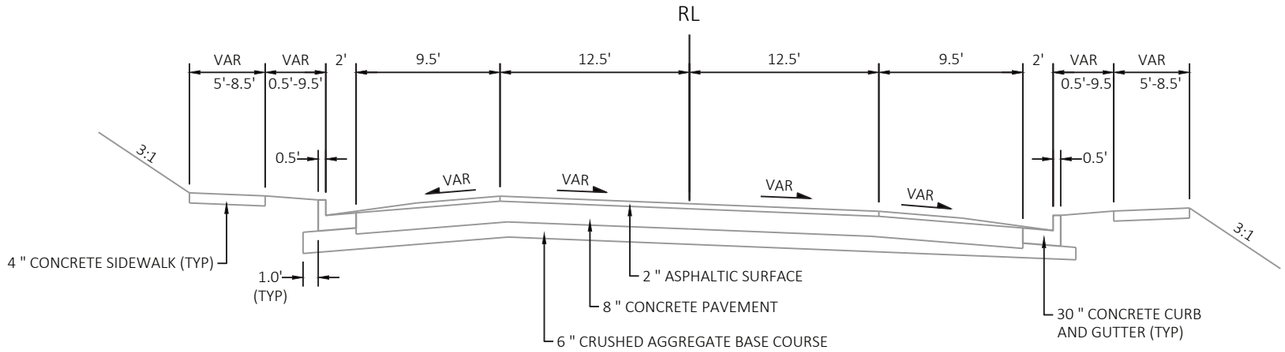
2



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PROJECT OVERVIEW	SHEET 3	E

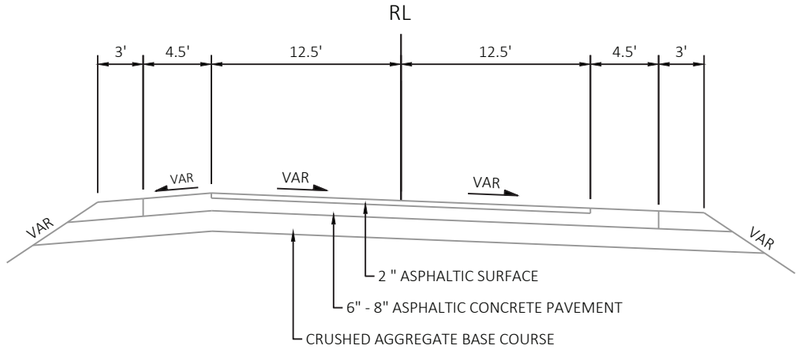
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\020201_PO.DWG
LAYOUT NAME - 01
PLOT DATE : 4/28/2023 1:25 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:500 FT
WISDOT/CADDS SHEET 42

2



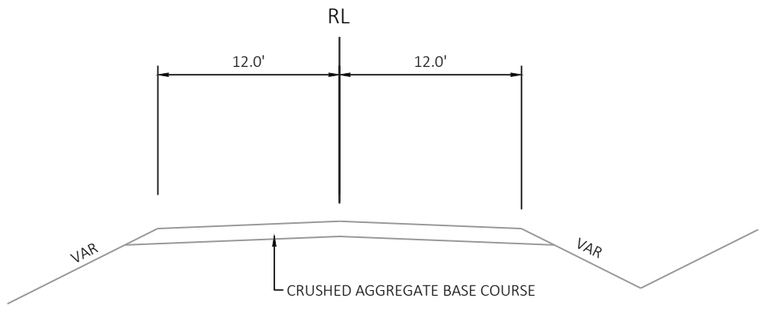
EXISTING TYPICAL SECTION

STA 19+55 TO STA 62+55



EXISTING TYPICAL SECTION

STA 329+28.14 TO STA 342+72 (STA EQ)
STA 342+72 = STA 16+05
STA 16+05 TO STA 19+55

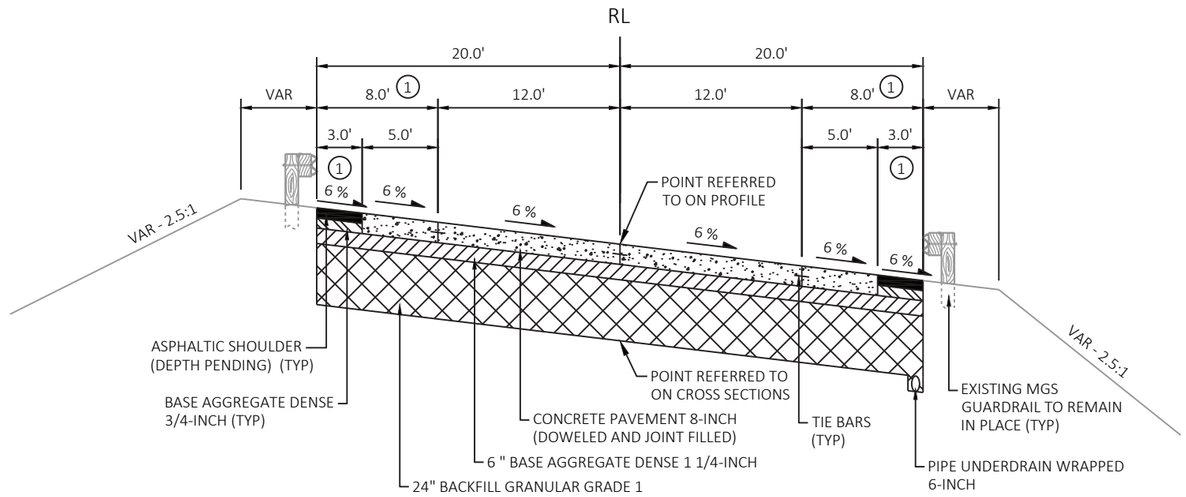


EXISTING TYPICAL SECTION

HOLMAN DRIVE

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TYPICAL SECTIONS	SHEET 4	E

STH 13 SE TABLE	
STATION	CROSS SLOPE (%)
324+00.34	NC
324+53.68	0
325+07.01	RC
326+13.68	6%
342+19.02	6%

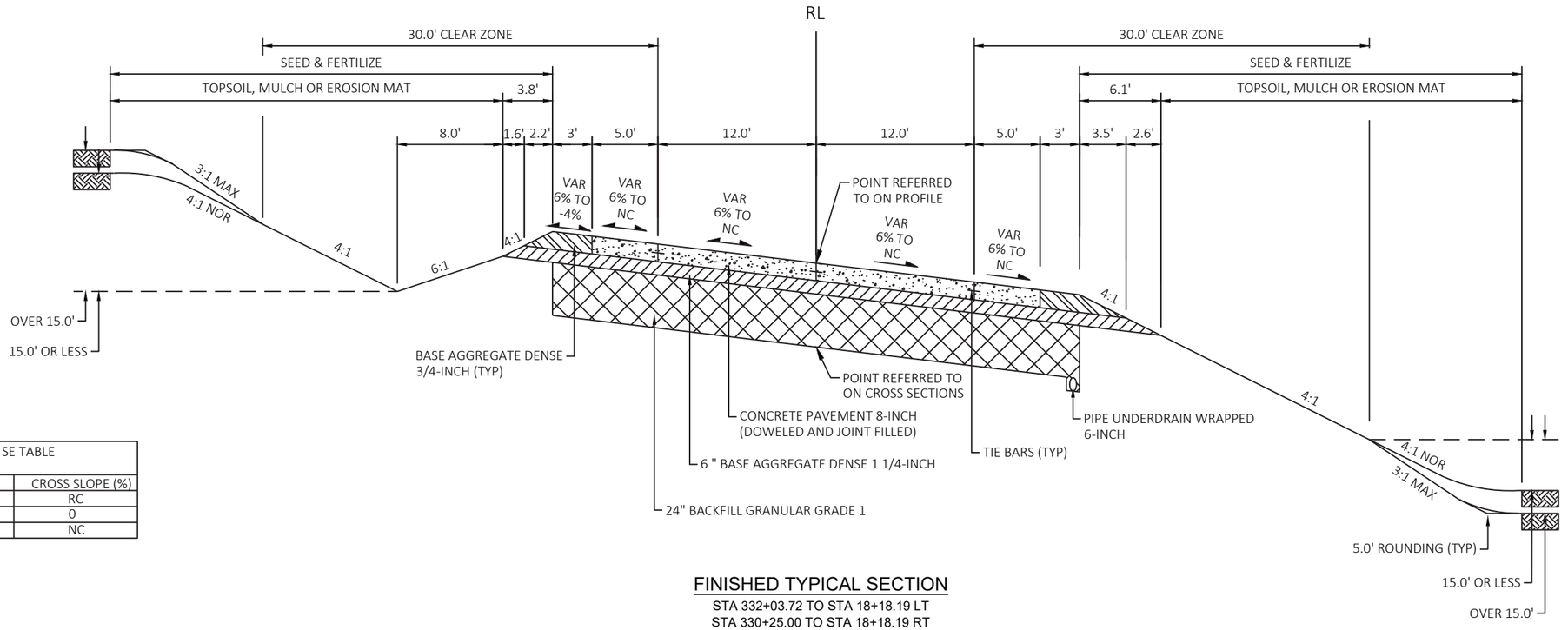


FINISHED TYPICAL SUPER ELEVATED SECTION

STA 329+28.14 TO STA 332+03.72 LT
STA 328+28.14 TO STA 330+25.00 RT

NOTE:

(1) WIDTH VARIES FROM 8.0'-10.0' AND 3.0'-5.0' ADJACENT TO EAT'S.

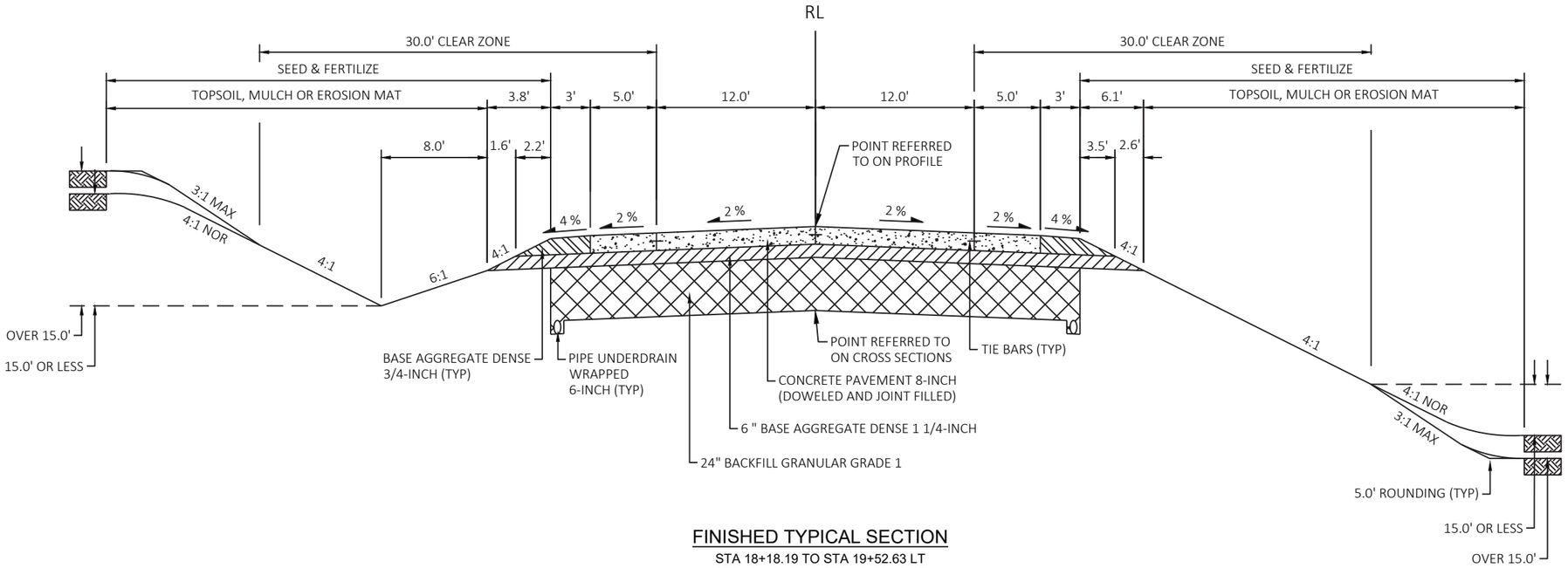


STH 13 SE TABLE	
STATION	CROSS SLOPE (%)
16+58.19	RC
17+11.52	0
17+64.86	NC

FINISHED TYPICAL SECTION

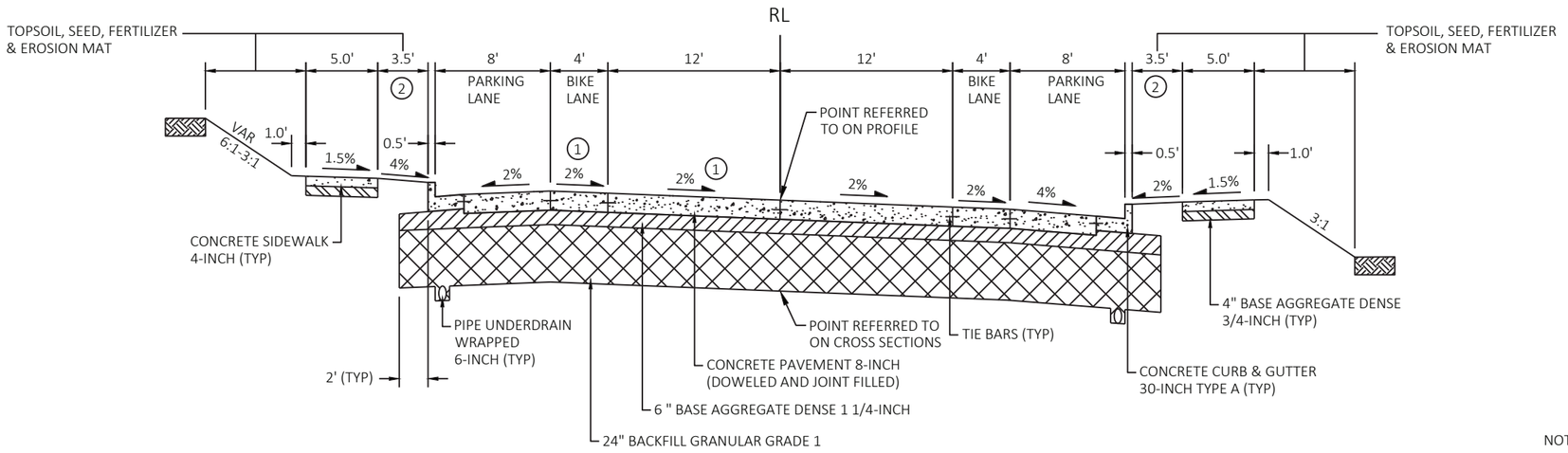
STA 332+03.72 TO STA 18+18.19 LT
STA 330+25.00 TO STA 18+18.19 RT

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TYPICAL SECTIONS	SHEET 5	E



FINISHED TYPICAL SECTION

STA 18+18.19 TO STA 19+52.63 LT
STA 18+18.19 TO STA 19+60.52 RT



FINISHED TYPICAL SECTION

STA 19+52.63 TO STA 55+35.00 LT
STA 19+60.52 TO STA 55+35.00 RT

NOTE:

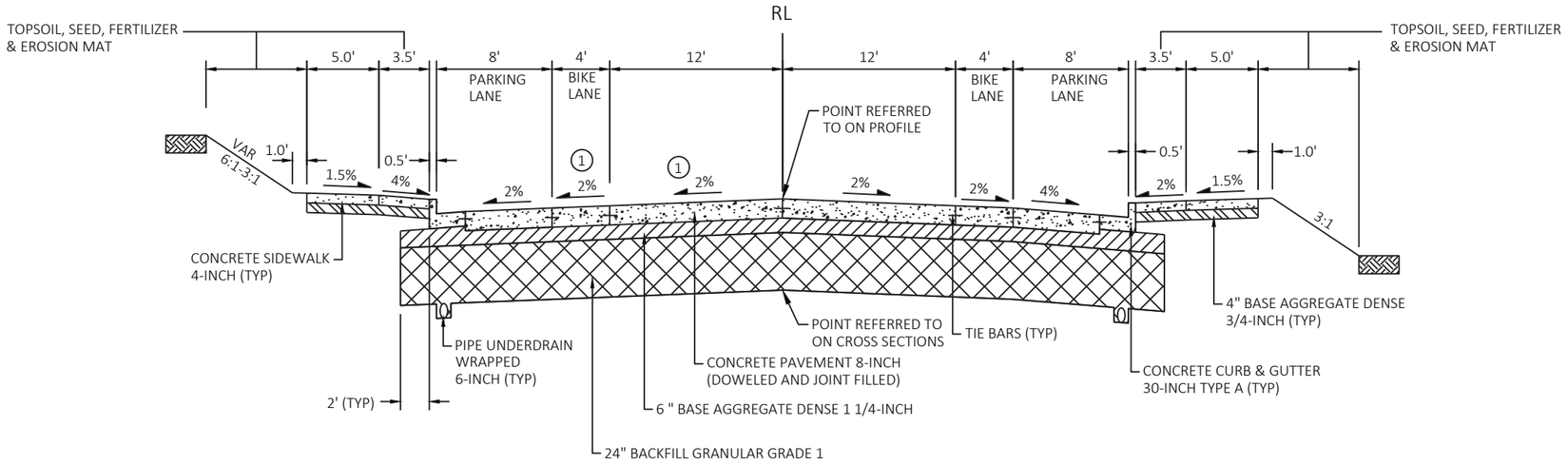
(1) TRANSITION BIKE LANE AND TRAVEL LANE FROM NC TO RC STA 19+52.63 TO STA 20+41.75 AND FROM RC TO NC STA 54+35.00 TO STA 55+35.00.

(2) STA 33+25 TO STA 55+35
CONCRETE SIDEWALK AND BASE AGGREGATE BETWEEN BACK OF CURB AND SIDEWALK.

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TYPICAL SECTIONS	SHEET 6	E

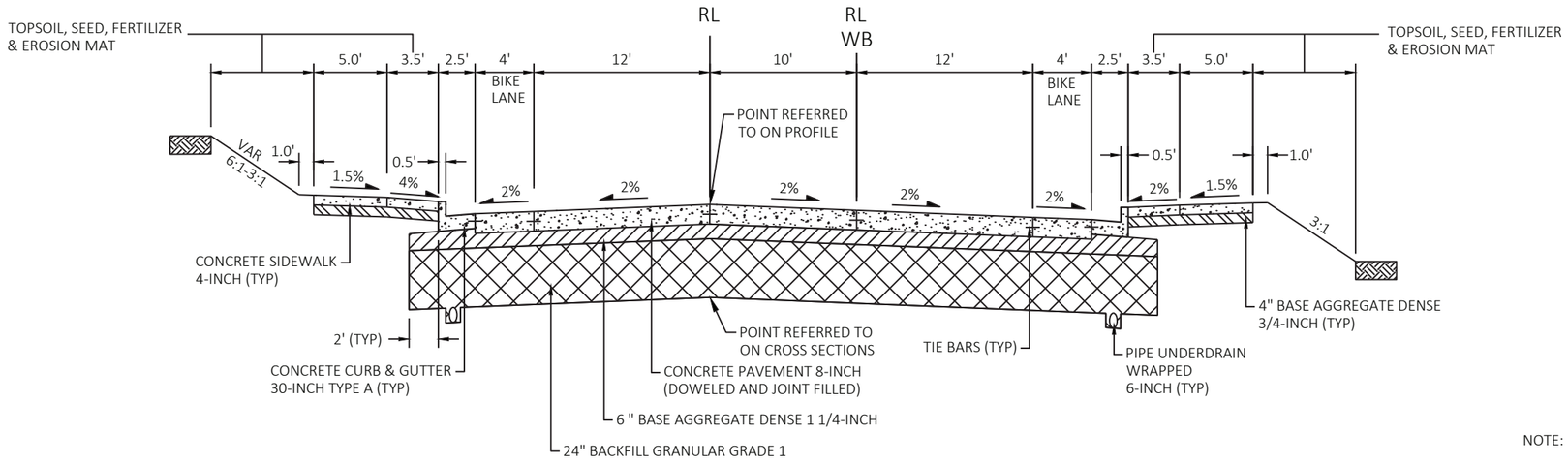
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\020301_TS.DWG
LAYOUT NAME - 03
PLOT DATE : 5/9/2023 12:01 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



FINISHED TYPICAL SECTION

STA 55+35.00 TO STA 62+54.47



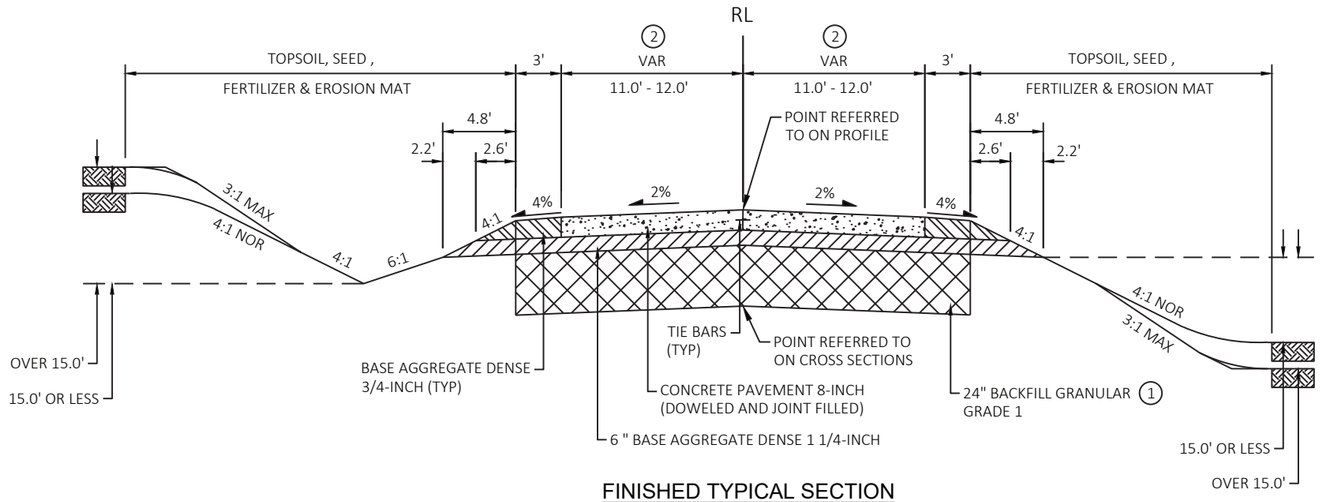
FINISHED TYPICAL SECTION

STA 55+35.00 TO STA 62+54.47

NOTE:

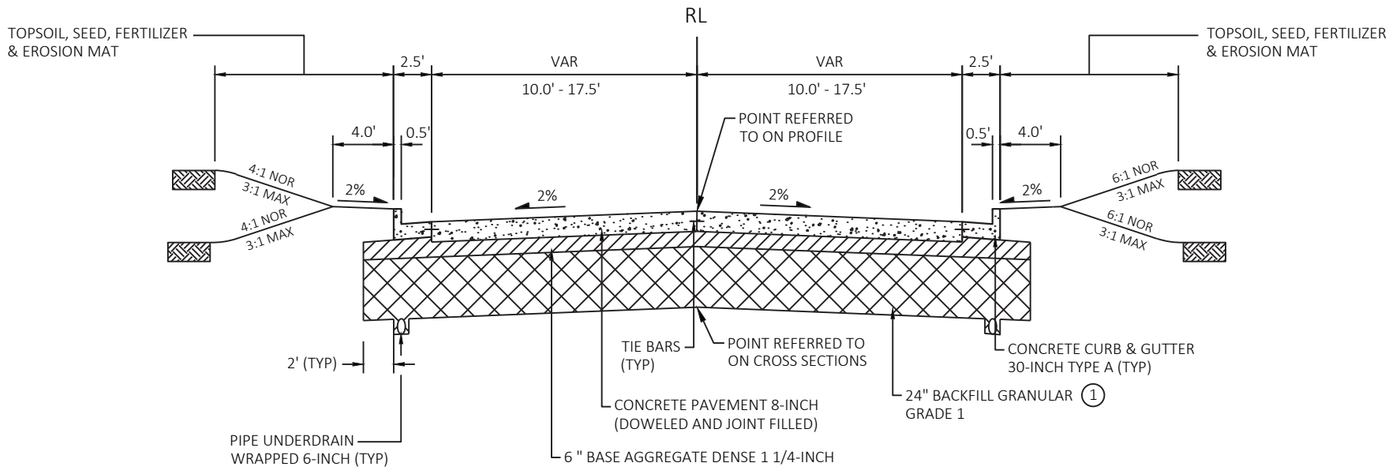
(1) WIDTH VARIES FROM 8.0'-10.0' AND 3.0'-5.0' ADJACENT TO EAT'S.

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TYPICAL SECTIONS	SHEET 7	E



FINISHED TYPICAL SECTION

11TH AVENUE



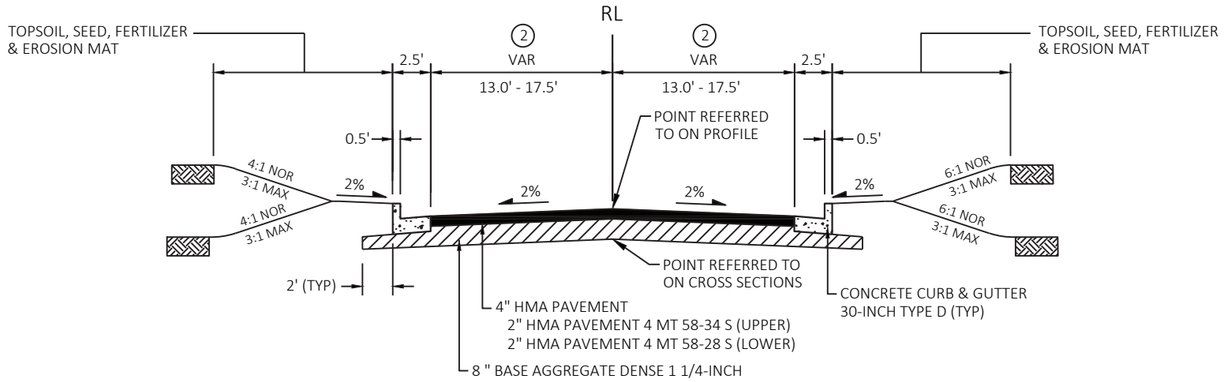
FINISHED TYPICAL SECTION

10TH AVENUE
9TH AVENUE
8TH AVENUE
7TH AVENUE
6TH AVENUE
5TH AVENUE
4TH AVENUE
3RD AVENUE
WASHINGTON AVENUE 2

NOTE:

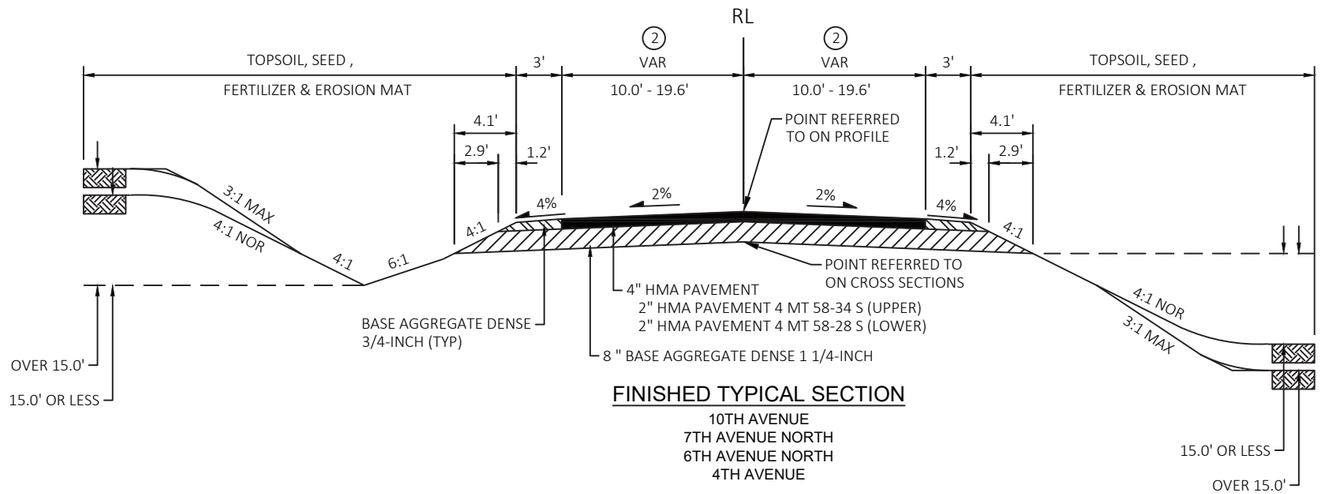
1. END 24" BACKFILL GRANULAR GRADE 1 AT END OF CONCRETE PAVEMENT LIMITS.
2. SEE INTERSECTION DETAIL FOR WIDTHS.

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TYPICAL SECTIONS	SHEET 8	E



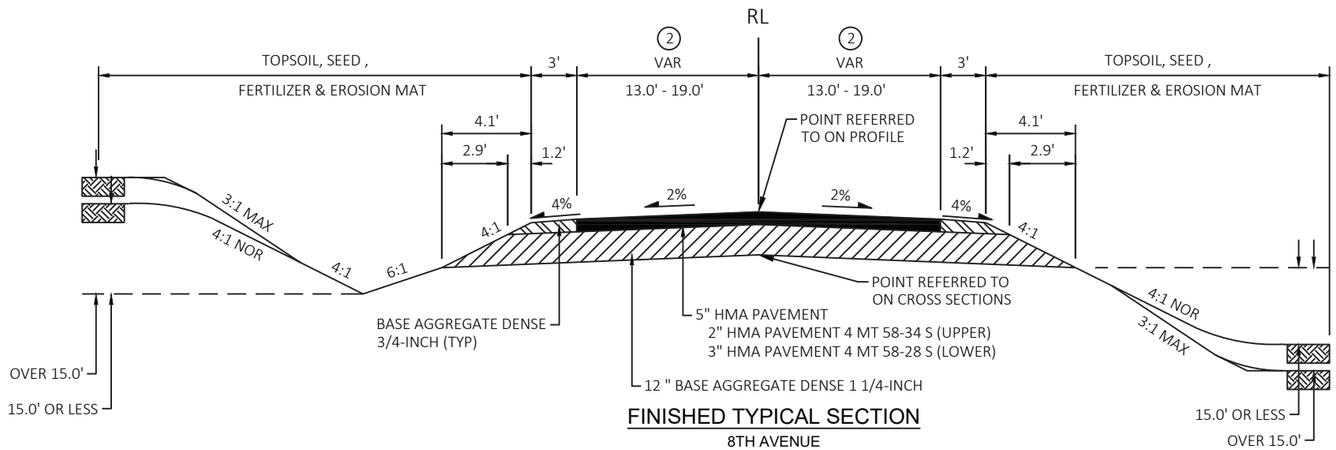
FINISHED TYPICAL SECTION

9TH AVENUE
7TH AVENUE SOUTH
6TH AVENUE SOUTH
5TH AVENUE
3RD AVENUE



FINISHED TYPICAL SECTION

10TH AVENUE
7TH AVENUE NORTH
6TH AVENUE NORTH
4TH AVENUE



FINISHED TYPICAL SECTION

8TH AVENUE

NOTE:

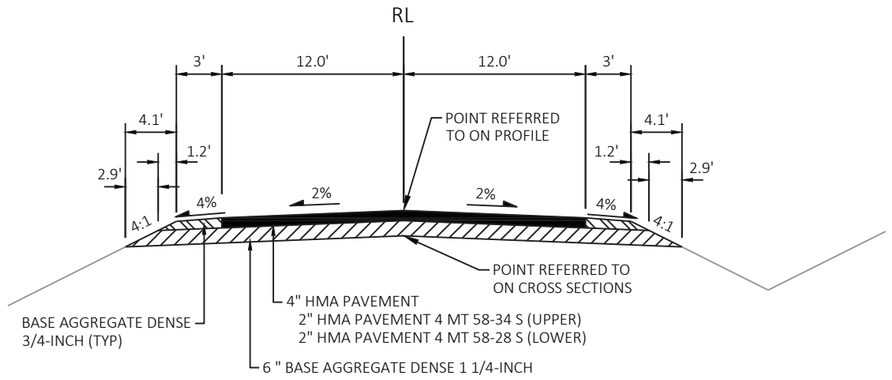
1. END 24" BACKFILL GRANULAR GRADE 1 AT END OF CONCRETE PAVEMENT LIMITS.
2. SEE INTERSECTION DETAIL FOR WIDTHS.

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TYPICAL SECTIONS	SHEET 9	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\020301_TS.DWG
LAYOUT NAME - 06
PLOT DATE : 5/9/2023 12:01 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

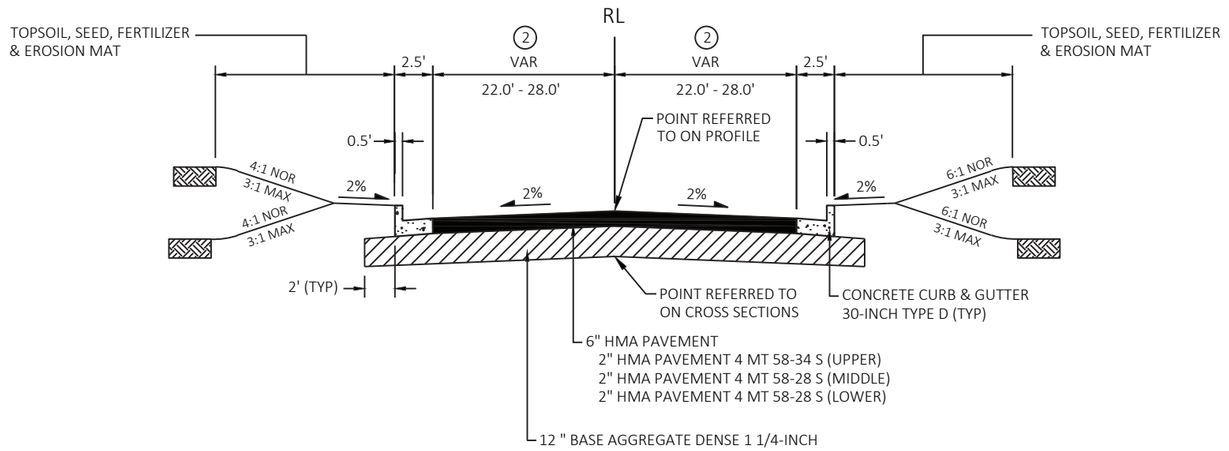
2

2



FINISHED TYPICAL SECTION

HOLMAN DRIVE
8TH AVENUE W - WASHINGTON AVENUE



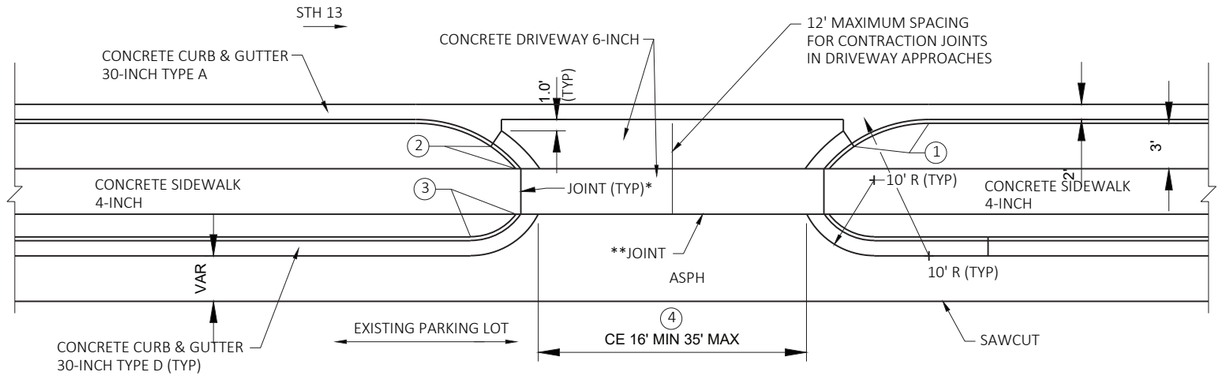
FINISHED TYPICAL SECTION

WASHINGTON AVENUE

NOTE:

1. END 24" BACKFILL GRANULAR GRADE 1 AT END OF CONCRETE PAVEMENT LIMITS.
2. SEE INTERSECTION DETAIL FOR WIDTHS.

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TYPICAL SECTIONS	SHEET 10	E



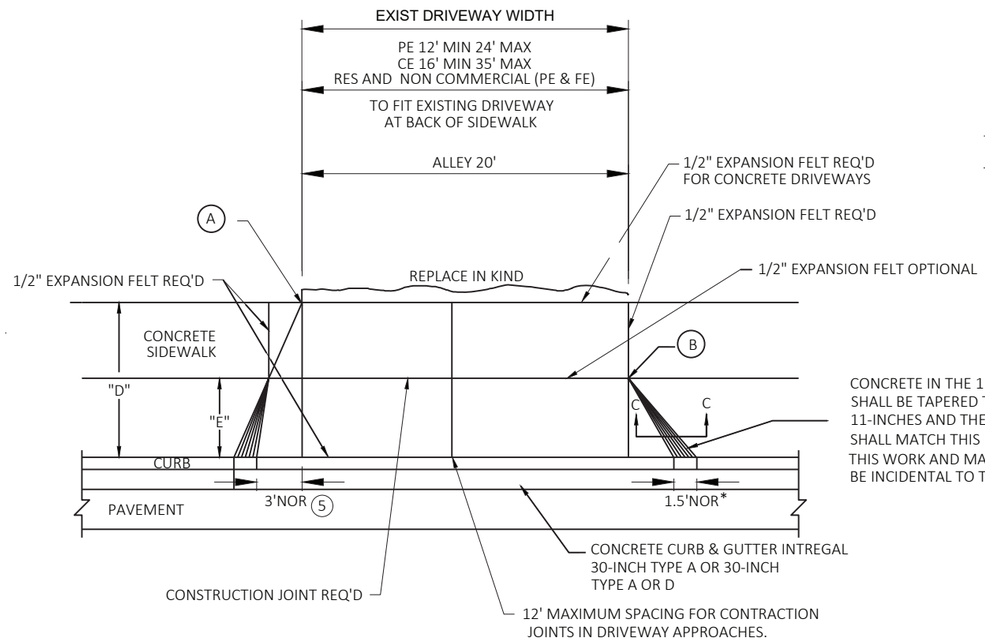
NOTES:

1. TAPER CURB HEAD FROM 6" TO 2" IN 6'-8' (TYP)
2. TAPER CURB HEAD FROM 2" TO 0" TO MATCH SIDEWALK FACE (TYP)
3. TAPER CURB HEAD FROM 6" TO 0" TO MATCH SIDEWALK BACK
4. SEE PLAN AND PROFILE SHEETS FOR DRIVEWAY WIDTHS
5. AT ALLEY LOCATIONS INCREASE THIS WIDTH FROM 3' TO 4'

* 1/2" EXPANSION FELT REQ'D

** 1/2" EXPANSION FELT REQ'D FOR CONCRETE DRIVEWAYS

COMMERCIAL ENTRANCE TYPE 1

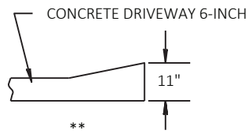


PLAN VIEW

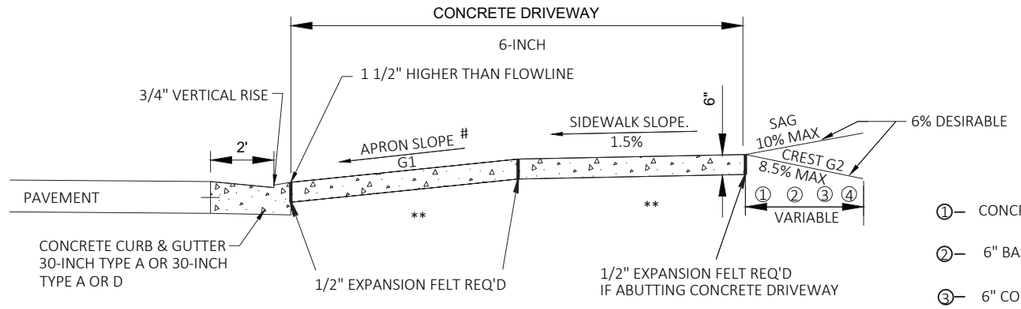
A WHEN "D" IS 13' OR LESS, ALIGN TAPER WITH BACK OF SIDEWALK

B WHEN "D" IS GREATER THAN 13', ALIGN TAPER WITH FRONT OF SIDEWALK

* WHEN "E" =0
MAKE CURB TAPER 5'



SECTION C-C



TYPICAL SIDEWALK SECTION

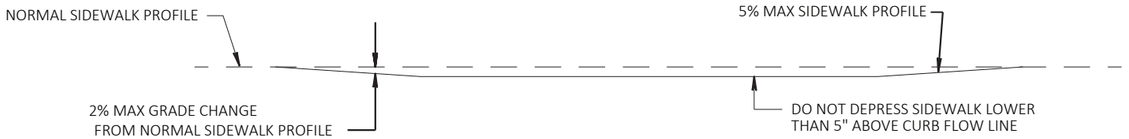
1. CONCRETE PAVEMENT 6-INCH
2. 6" BASE AGGREGATE DENSE 1 1/4-INCH
3. 6" COMPACTED BASE AGGREGATE DENSE
4. PARKING LOTS:
   - 8" BASE AGGREGATE DENSE 1 1/4-INCH WITH 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

** = 6" BASE AGGREGATE DENSE 1 1/4-INCH REQ'D UNDER CONCRETE DRWY

\#

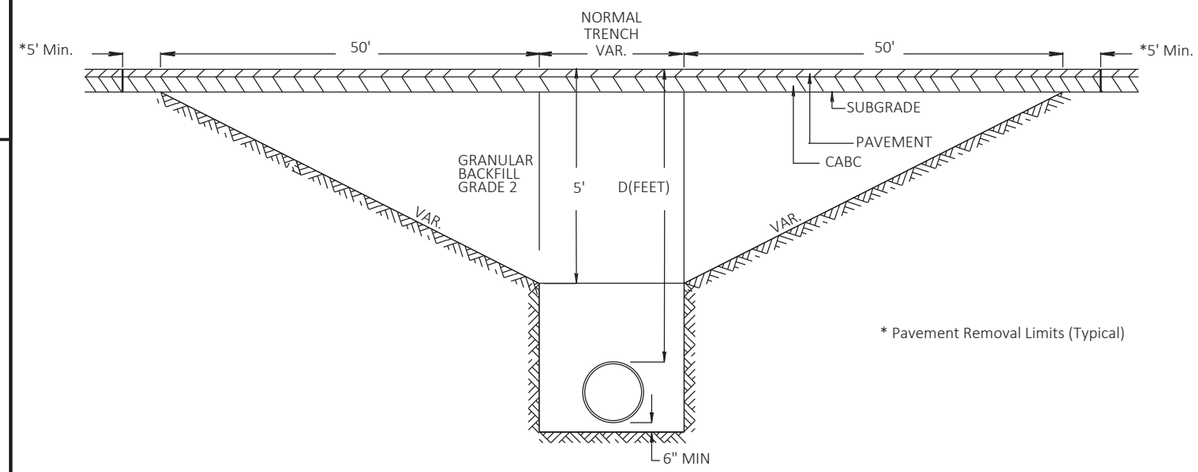
TERRACE WIDTH	APRON SLOPE (G1) MIN %	DESIRABLE %	MAX %
3 FT	5.0	6.0	8.0
4 FT	5.0	6.0	8.0
5 FT	4.0	6.0	8.0
6 FT	4.0	6.0	8.0
7 FT	3.5	6.0	8.0
8 FT	3.0	6.0	8.0

NOTE:
DEPRESS SIDEWALK PROFILE IF DRIVEWAY APRON EXCEEDS MAX SLOPE



DEPRESSED SIDEWALK PROFILE

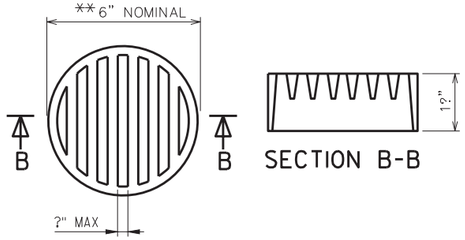
PRIVATE AND COMMERCIAL ENTRANCE TYPE 2



* Pavement Removal Limits (Typical)

CROSS DRAIN INSTALLATION DETAIL

FOR D≥ 5'

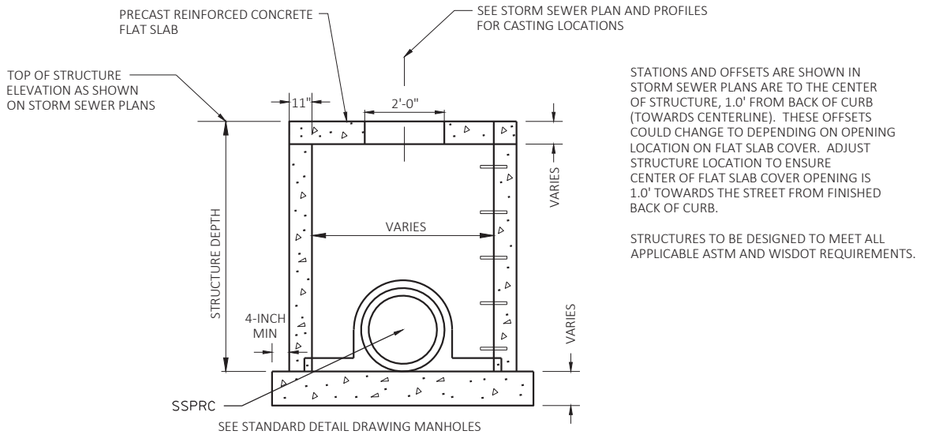


**NOTE: DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SHIELD SO SLOTS ARE VERTICAL.

RODENT SHIELD, PIPE COUPLING, AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMLAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

ⓓRODENT SHEILD



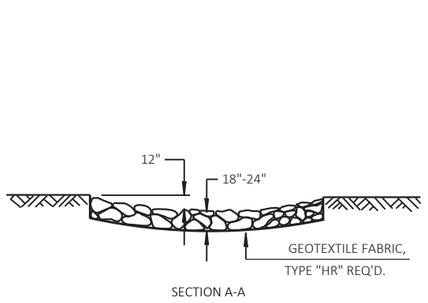
STATIONS AND OFFSETS ARE SHOWN IN STORM SEWER PLANS ARE TO THE CENTER OF STRUCTURE, 1.0' FROM BACK OF CURB (TOWARDS CENTERLINE). THESE OFFSETS COULD CHANGE TO DEPENDING ON OPENING LOCATION ON FLAT SLAB COVER. ADJUST STRUCTURE LOCATION TO ENSURE CENTER OF FLAT SLAB COVER OPENING IS 1.0' TOWARDS THE STREET FROM FINISHED BACK OF CURB.

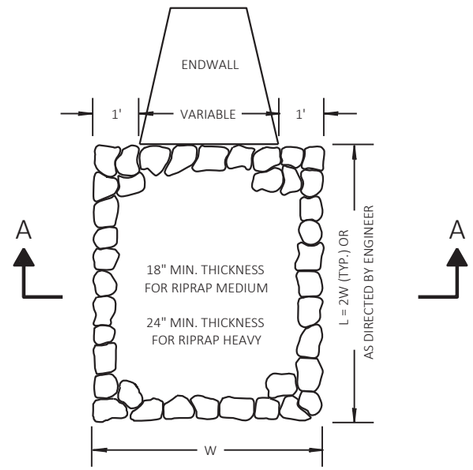
STRUCTURES TO BE DESIGNED TO MEET ALL APPLICABLE ASTM AND WISDOT REQUIREMENTS.

SEE STANDARD DETAIL DRAWING MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT & 8-FT DIAMETER AND MANHOLES 10-FT DIAMETER DETAIL ABOVE FOR ADDITIONAL STUCTURE INFORMATION. STRUCTURES TO BE BUILT AS MANHOLES OF THE SAME DIAMETER WITH A 2'x3' OPENING AS SHOWN ON THE STANDARD DETAIL DRAWING FOR INLETS 4-FT DIAMETER.

SEE STORM SEWER TRENCH DETAIL.

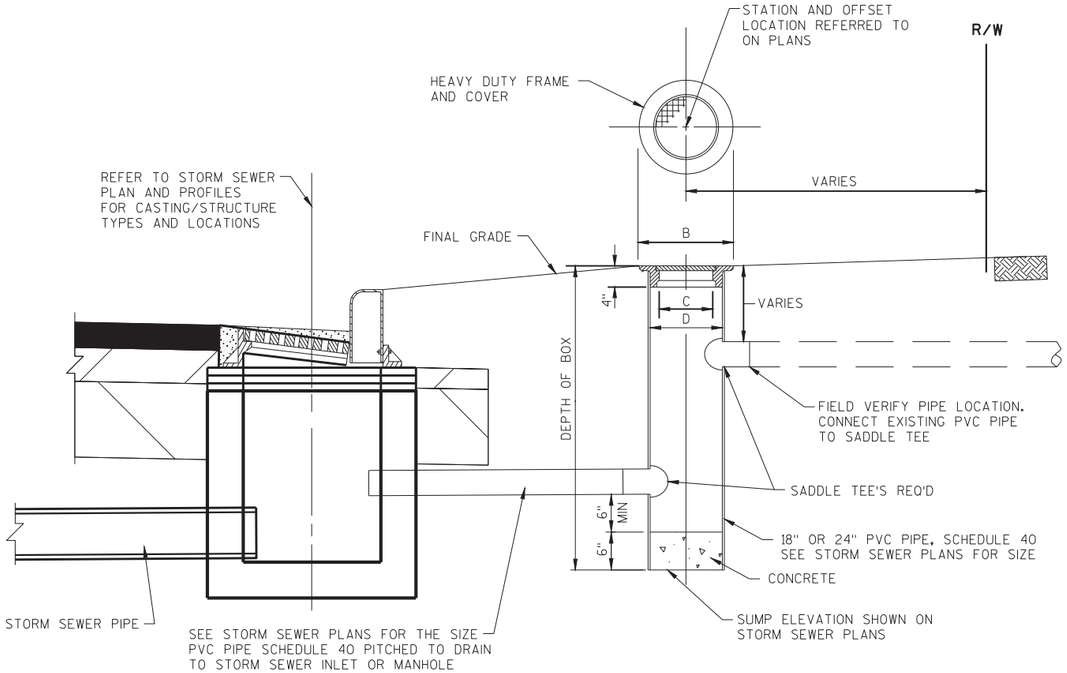
INLETS 5, 6, 7, 8, & 10-FT DIAMETER





RIPRAP TREATMENT AT CULVERTS

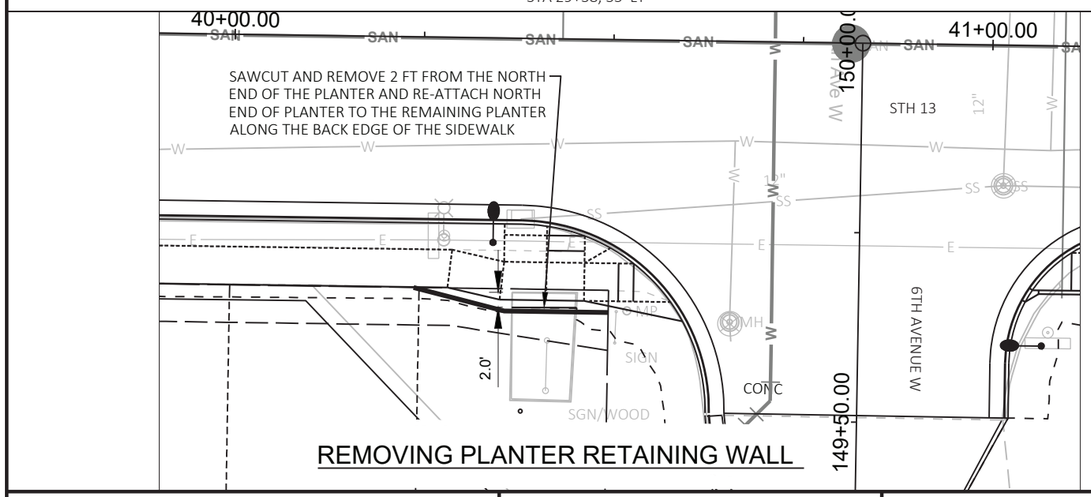
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CONSTRUCTION DETAILS	SHEET 12	E



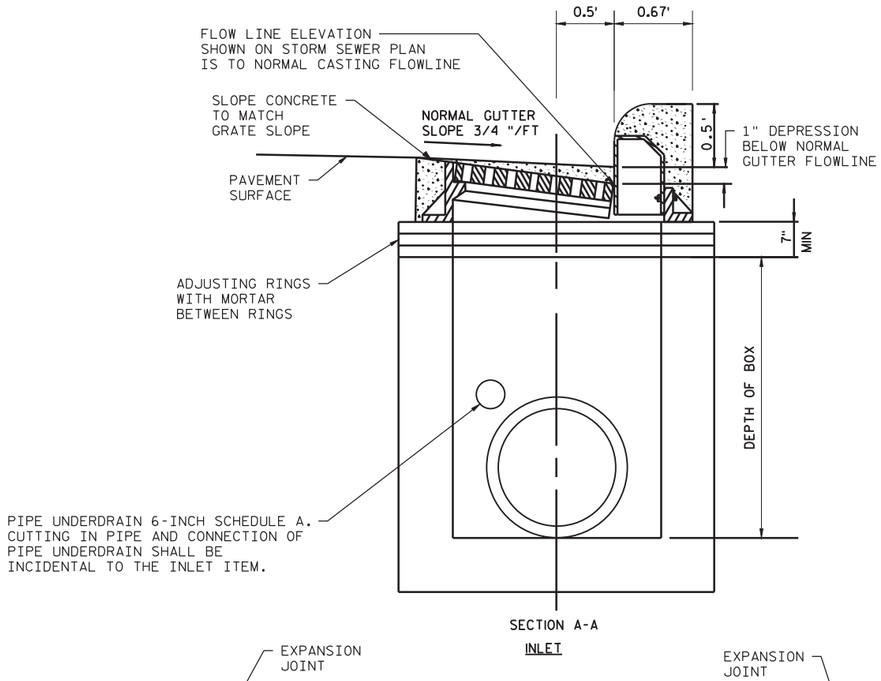
PIPE DIAMETER (INSIDE)	24 (INCHES)
A COVER	22?
B FRAME	26½
C FRAME	20½
D FRAME	23½
FRAME AND COVER *(LBS)	155

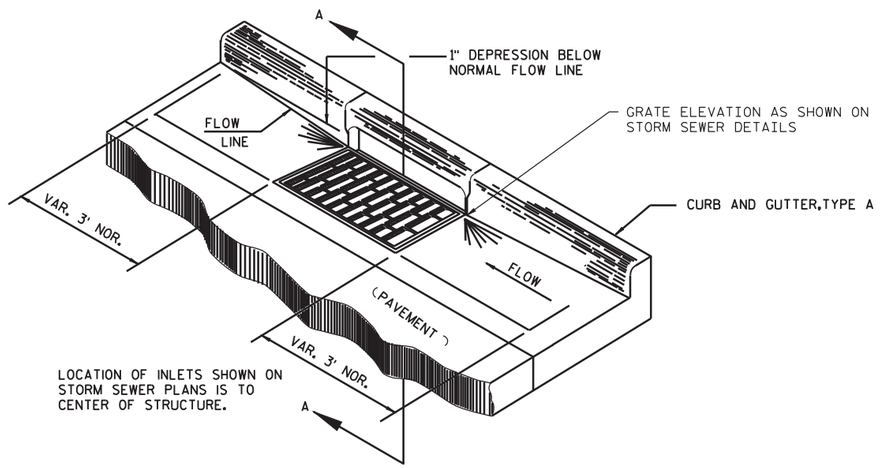
* THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5% PLUS OR MINUS OF THE WEIGHT SHOWN

RESIDENTIAL MANHOLE

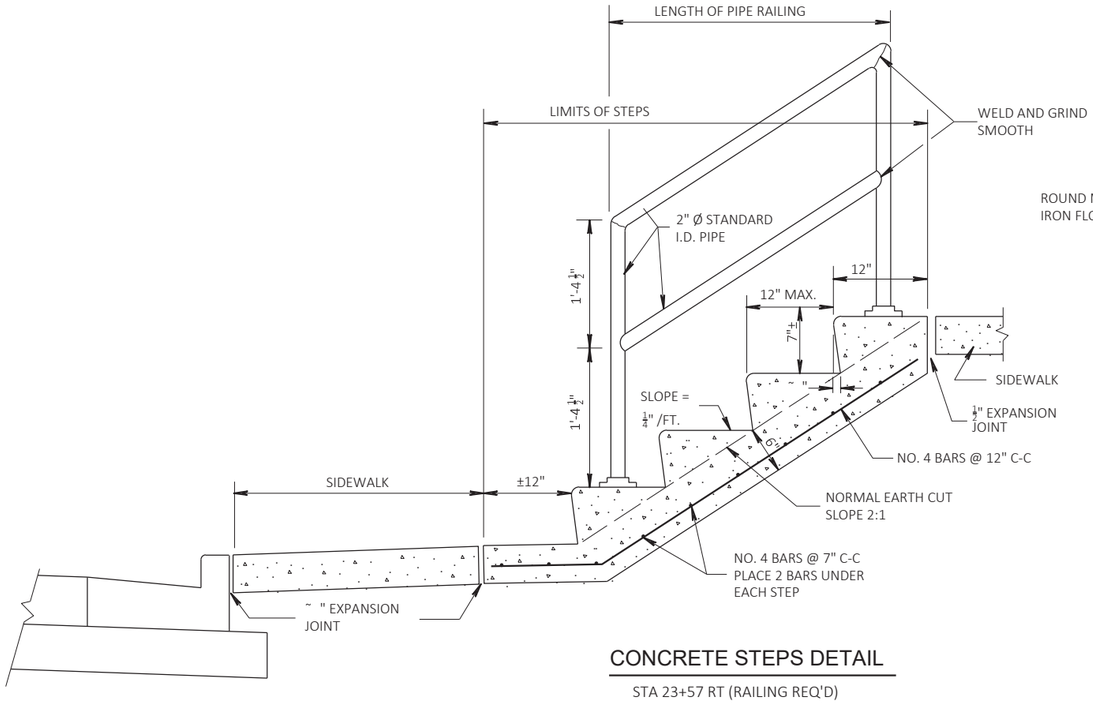


REMOVING PLANTER RETAINING WALL



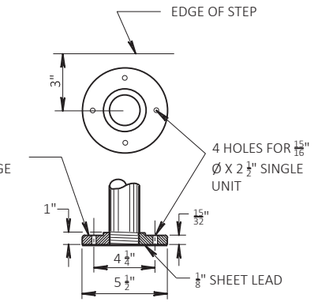


DETAIL OF CURB AND GUTTER AT INLETS



CONCRETE STEPS DETAIL

STA 23+57 RT (RAILING REQ'D)
STA 24+14 RT (RAILING REQ'D)
STA 24+61 RT
STA 28+23 LT
STA 28+90 LT (RAILING REQ'D)
STA 29+03 LT (RAILING REQ'D)
STA 29+74 LT (RAILING REQ'D)
STA 32+60 LT
STA 35+51 LT
STA 38+59 LT (RAILING REQ'D)
STA 51+40 LT (RAILING REQ'D)



FLANGE DETAIL

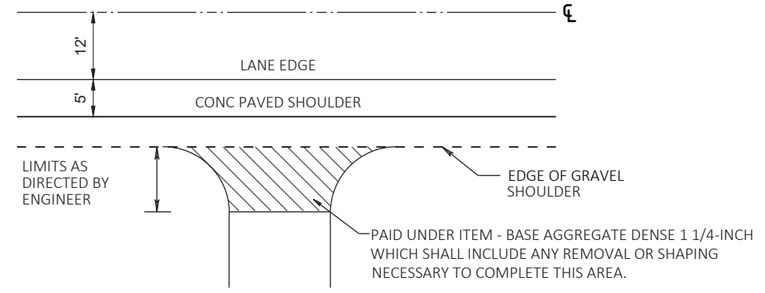
NOTE:

THE EXACT LOCATION, WIDTHS, & NUMBER OF STEPS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

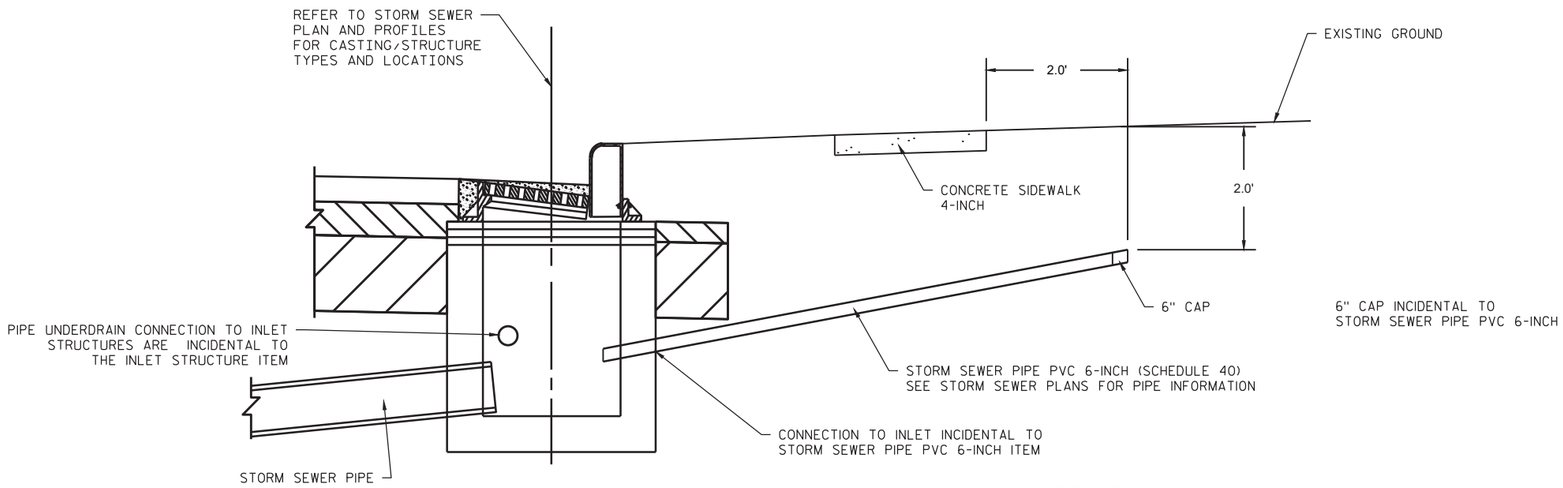
STEEL REINFORCEMENT AND PIPE RAILING NOT REQUIRED ON STEPS WITH 2 RISERS OR LESS.

MINIMUM WIDTH OF STEP EQUALS 4 FEET.

RAILING TO BE PLACED ON LEFT ASCENDING SIDE OF STEPS ONLY.



RURAL DRIVEWAY DETAIL - GRAVEL



DETAIL OF STORM SEWER PIPE PVC 6-INCH (SCHEDULE 40)

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
1	339+67.80	59.96 LT	100+48.26	52.00 LT	487852.326	810075.708	40.0'
2	340+68.97	59.97 LT	100+72.47	52.00 RT	487875.486	810179.948	40.0'
3	339+50.95	50.04 RT	99+36.38	42.00 LT	487741.843	810089.114	30.0'
4	340+50.59	60.03 RT	99+50.34	52.00 RT	487754.136	810183.346	40.0'

2

2

SPECTRUM/CHARTER & XCEL ENERGY - DISTRIBUTION

STA 339+89 38.9' LT
INV EL = 654.82'

SPECTRUM/CHARTER

STA 340+04.70 STH 13 =
STA 100+00.00 11TH AVE W

+38.12
-16.96' LT

END CONSTRUCTION
STA 100+72.47
MATCH EXISTING
SAWCUT REQ'D

659.53
659.76
11.1'
12.0'
11TH AVENUE W

STA 100+50.00
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

STA 100+38.2
1 - 62' CPRC CL IV 18-INCH
2 - AEW'S FOR CPRC 18-INCH
SKEW 10° RHF

659.29
658.81
658.35
659.00
657.85
657.43
657.00

STA 340+49 35.5' LT
INV EL = 656.55'

FOR REFERENCE ONLY

WASHBURN MUN
WATER & SEWER

659.09
659.29
+13.51
-16.98' LT

339+00
340+00
341+00
STH 13

+05.40
17.04' RT

654.70
654.90
654.45

SLOPE INTERCEPT (TYP)

STA 339+69 37.9' RT
INV EL = 651.70'

654.15
655.22
654.49

XCEL ENERGY - GAS

STA 99+60.9
1 - 64' CPRC CL IV 18-INCH
2 - AEW'S FOR CPRC 18-INCH
SKEW 15° RHF

12.0'
11.3'
653.67
653.79

BEGIN CONSTRUCTION
STA 99+36.38
MATCH EXISTING
SAWCUT REQ'D

STA 99+50.00
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

656.26
656.56
655.94

STA 340+09.86 STH 13 =
STA 100+00.00 11TH AVE W

+80.94
17.03' RT

TLE (TYP)

STA 340+35 37' RT
INV EL = 652.82'

EXISTING R/W (TYP)

99+00

LAKE SUPERIOR HOT TUBS

CAUTION

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	INTERSECTION DETAIL - 11TH AVENUE W	SHEET 15	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021101 _ID.DWG
LAYOUT NAME - 01

PLOT DATE : 5/1/2023 9:08 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

END CONSTRUCTION
STA 110+75.00
MATCH EXISTING
SAWCUT REQ'D

N

STA 110+49.69
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

EXISTING R/W (TYP)

TLE (TYP)

PROPOSED R/W (TYP)

XCEL ENERGY - DISTRIBUTION

STA 110+59.69, -17.50' LT

11.3'

17.2'

17.5'

17.5'

667.92

667.39

666.68

666.32

666.14

5

6

FOR REFERENCE ONLY

STA 19+97.44 STH 13 =
STA 110+00.00 10TH AVE W

10TH AVENUE W

+77.63
-17.00' LT

5.0'

3.5'

22.0'

19+00

20+00

21+00

STH 13

+75.52
17.00' RT

STA 19+50.52, 22.00' RT

666.26

666.32

666.38

666.27

665.95

WASHBURN MUN
WATER & SEWER

SLOPE INTERCEPT (TYP)

7

8

STA 19+97.89 STH 13 =
STA 110+00.00 10TH AVE W

10.0'

10.0'

CONCRETE CURB & GUTTER
30-INCH TYPE A (TYP)

STA 109+51.02
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

X = REMOVE TREE

22" BLACK POLY PIPE

+14.46
-5.19' LT

+14.46
6.11' RT

BEGIN CONSTRUCTION
STA 109+00.00
MATCH EXISTING
SAWCUT REQ'D

5.7'

5.2'

0.60

MAILBOX

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
5	19+52.63	49.00 LT	110+49.69	44.50 LT	487874.755	810741.252	27.0'
6	20+41.75	49.00 LT	110+48.42	44.50 RT	487873.264	810830.249	27.0'
7	19+60.52	49.00 RT	109+51.06	37.00 LT	487776.630	810747.391	27.0'
8	20+34.41	49.00 RT	109+51.02	37.00 RT	487775.390	810821.381	27.0'

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	INTERSECTION DETAIL - 10TH AVENUE W	SHEET 16	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021101 _ID.DWG
LAYOUT NAME - 02
PLOT DATE : 4/28/2023 1:34 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

2

FOR REFERENCE ONLY

STA 26+62.62 STH 13 =
STA 120+00.00 9TH AVE W

SLOPE INTERCEPT (TYP)

BRIGHTSPEED

BEGIN CONSTRUCTION
STA 119+00.00
MATCH EXISTING
SAWCUT REQ'D

CONCRETE CURB & GUTTER
30-INCH TYPE A (TYP)

XCEL ENERGY - DISTRIBUTION

SPECTRUM/CHARTER

STA 120+90.4 LT
CONSTRUCT 30' CE
TYPE 2

STA 26+62.60 STH 13 =
STA 120+00.00 9TH AVE W

9TH AVENUE W

END CONSTRUCTION
STA 121+00.00
MATCH EXISTING
SAWCUT REQ'D

STA 119+50.97
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

CONCRETE CURB & GUTTER
30-INCH TYPE D (TYP)

EXISTING R/W (TYP)

STA 120+49.15
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

TLE (TYP)

PROPOSED R/W (TYP)

WASHBURN MUN
WATER & SEWER

STH 13

MAILBOX

CHECKER
Z
CAFE

HSE

SIGN

30' CE

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
9	26+17.94	49.00 LT	120+49.15	44.50 LT	487864.267	811406.372	27.0'
10	27+06.94	49.00 LT	120+48.85	44.50 RT	487862.877	811495.362	27.0'
11	26+18.09	49.00 RT	119+50.97	44.50 LT	487766.277	811404.993	27.0'
12	27+07.09	49.00 RT	119+51.03	44.50 RT	487764.887	811493.982	27.0'

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	INTERSECTION DETAIL - 9TH AVENUE W	SHEET 17	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021101 _ID.DWG
LAYOUT NAME - 03

PLOT DATE : 4/28/2023 1:35 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
13	32+80.16	49.00 LT	130+48.89	44.50 LT	487853.927	812068.511	27.0'
14	33+69.23	49.00 LT	130+49.17	44.50 RT	487852.600	812157.502	27.0'
15	32+81.42	49.00 RT	129+51.02	44.50 LT	487755.919	812068.242	27.0'
16	33+70.35	49.00 RT	129+51.04	44.50 RT	487754.594	812157.232	27.0'

2

2

N

END CONSTRUCTION
STA 131+00.00
MATCH EXISTING
SAWCUT REQ'D

STA 130+81.4 RT
CONSTRUCT 18' CE
TYPE 2
SAWCUT REQ'D

STA 130+49.17
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

STA 33+24.55 STH 13 =
STA 130+00.00 8TH AVE W

STA 33+25.90 STH 13 =
STA 130+00.00 8TH AVE W

8TH AVENUE W

19.0' 19.0' 29.0'

17.5' 17.5'

+59.17
-19.00' LT

+59.17
19.00' RT

WOOD DECK AND STEPS

CONC STEPS

XCEL ENERGY

XCEL ENERGY - DISTRIBUTION

SLOPE INTERCEPT (TYP)

TLE (TYP)

WASHBURN MUN
WATER & SEWER

FOR REFERENCE ONLY

EXISTING R/W (TYP)

PROPOSED R/W (TYP)

CONCRETE CURB & GUTTER
30-INCH TYPE A (TYP)

BEGIN CONSTRUCTION
STA 129+25.00
MATCH EXISTING
SAWCUT REQ'D

STA 129+51.02
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

13 14 15 16

5.0' 3.5' 22.0'

32+00 33+00 34+00

STH 13

HSE ASPH CONC CHAINLINK FENCE SGN PLANTER WASHBURN MOTEL

CAUTION

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	INTERSECTION DETAIL - 8TH AVENUE W	SHEET 18	E

2

2

N

STA 139+35.0 LT
CONSTRUCT 20' CE
TYPE 2

PROPOSED R/W (TYP)

TLE (TYP)

CONCRETE CURB & GUTTER
30-INCH TYPE A (TYP)

SLOPE INTERCEPT (TYP)

CONCRETE CURB & GUTTER
30-INCH TYPE D (TYP)

5.0'

22.0'

22.0'

3.5'

5.0'

STH 13

WASHBURN MUN
WATER & SEWER

STA 36+16.67 STH 13 =
STA 140+00.00 7TH AVE W

19

17

STA 140+44.07
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

+54.07
-17.50' LT

END CONSTRUCTION
STA 141+00.00
MATCH EXISTING
SAWCUT REQ'D

ASPH

CONC

36+00

139+00

141+00

15.0'

13.0'

17.5'

17.5'

17.5'

17.5'

15.8'

7TH AVENUE W

BEGIN CONSTRUCTION
STA 139+00.00
MATCH EXISTING
SAWCUT REQ'D

STA 139+50.94
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

STA 36+17.35 STH 13 =
STA 140+00.00 7TH AVE W

20

18

WOOD DECK
AND STEPS

ARTISTS SQUARED
STUDIO GALLERY

EXISTING R/W (TYP)

FOR REFERENCE ONLY

XCEL ENERGY - DISTRIBUTION

AUTO SPA
CARWASH

37+00

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
17	35+77.10	44.00 LT	140+44.07	39.50 LT	487844.645	812365.278	22.0'
18	36+56.10	44.00 LT	140+43.93	39.50 RT	487843.522	812444.270	22.0'
19	35+72.79	49.00 RT	139+50.94	44.50 LT	487751.716	812359.648	27.0'
20	36+61.79	49.00 RT	139+51.06	44.50 RT	487750.451	812448.639	27.0'

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	INTERSECTION DETAIL - 7TH AVENUE W	SHEET 19	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021101 _ID.DWG
LAYOUT NAME - 05

PLOT DATE : 4/28/2023 1:35 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

N

BILL'S COLLISION CENTER

10' DOOR

10' DOOR

ASPH

6TH AVENUE W

10' DOOR

COUNTRY BOY DETAILING/ CARWASH

END CONSTRUCTION
STA 150+62.23
MATCH EXISTING
SAWCUT REQ'D

STA 40+82.59 STH 13 =
STA 150+00.00 6TH AVE W

WOOD RETAINING WALL

CONC CURB

CONCRETE CURB TYPE D

19.6'

17.2'

17.5'

17.5'

STA 150+49.01
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

21

22

PROPOSED R/W (TYP)

XCEL ENERGY - DISTRIBUTION

FOR REFERENCE ONLY

TLE (TYP)

ASPH

CONC

12"

SS

5.0'

3.5'

22.0'

40+00

41+00

42+00

STH 13

12"

18"

1.0'

24

EXISTING R/W (TYP)

7" STEP

WASHBURN MUN WATER & SEWER

CANOPY

SLOPE INTERCEPT (TYP)

23

SGN/WOOD PLANTER

CONC

ASPH

17.5'

17.5'

15.9'

12.9'

STA 40+82.81 STH 13 =
STA 150+00.00 6TH AVE W

CONCRETE CURB & GUTTER
30-INCH TYPE A (TYP)

CONCRETE CURB & GUTTER
30-INCH TYPE D

STA 149+50.88
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

TAP HOUSE BREWERY

BEGIN CONSTRUCTION
STA 149+37.60
MATCH EXISTING
SAWCUT REQ'D

149+00

STATION & OFFSET TABLE

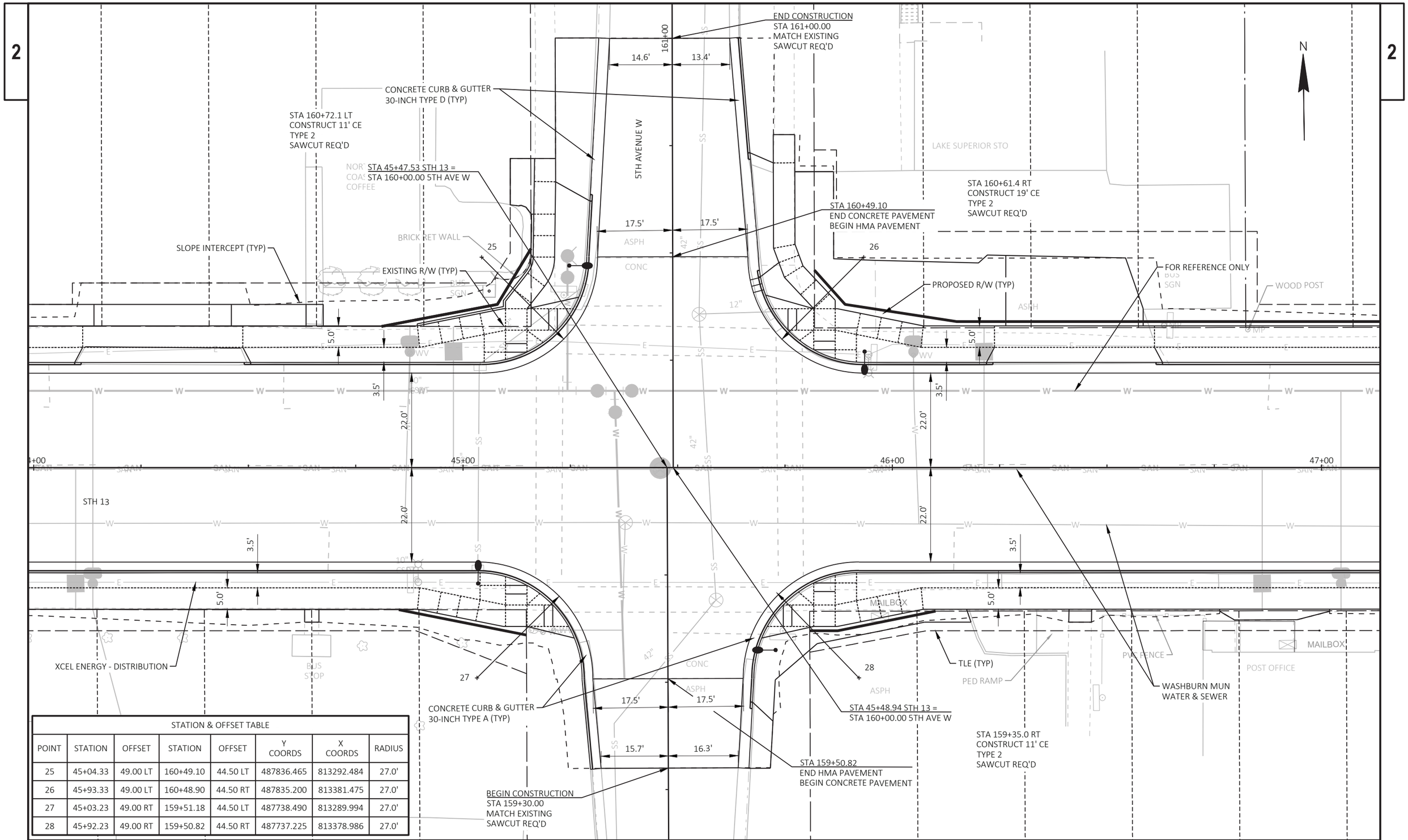
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
21	40+38.07	49.00 LT	150+49.01	44.50 LT	487843.092	812826.274	27.0'
22	41+27.07	49.00 LT	150+48.99	44.50 RT	487841.827	812915.265	27.0'
23	40+38.18	49.00 RT	149+50.88	44.50 LT	487745.101	812824.989	27.0'
24	41+20.20	42.00 RT	149+58.10	37.50 RT	487750.934	812907.099	20.0'

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	INTERSECTION DETAIL - 6TH AVENUE W	SHEET 20	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021101 _ID.DWG
LAYOUT NAME - 06

PLOT DATE : 5/10/2023 11:07 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
25	45+04.33	49.00 LT	160+49.10	44.50 LT	487836.465	813292.484	27.0'
26	45+93.33	49.00 LT	160+48.90	44.50 RT	487835.200	813381.475	27.0'
27	45+03.23	49.00 RT	159+51.18	44.50 LT	487738.490	813289.994	27.0'
28	45+92.23	49.00 RT	159+50.82	44.50 RT	487737.225	813378.986	27.0'

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	INTERSECTION DETAIL - 5TH AVENUE W	SHEET 21	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021101 _ID.DWG
LAYOUT NAME - 07
PLOT DATE : 4/28/2023 1:36 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

END CONSTRUCTION
STA 171+00.00
MATCH EXISTING
SAWCUT REQ'D

18.3' 18.3'

171+00

4TH AVENUE W

EXISTING R/W (TYP)

+66.24
18.29' RT

STA 170+49.17
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

+59.17
-18.29' LT

17.5' 17.5'

SPECTRUM/CHARTER

SLOPE INTERCEPT (TYP)

29

STA 50+13.60 STH 13 =
STA 170+00.00 4TH AVE W

30

WOOD FENCE

FOR REFERENCE ONLY

BRIGHTSPEED

CONC STEPS

CONC STEPS

5.0' 5.0'

3.5' 3.5'

22.0' 22.0'

49+00 50+00 51+00

STH 13

SPECTRUM/CHARTER

XCEL ENERGY

PROPOSED R/W (TYP)

31

32

TLE (TYP)

WASHBURN MUN
WATER & SEWER

CONCRETE CURB & GUTTER
30-INCH TYPE A (TYP)

17.5' 17.5'

STA 50+15.45 STH 13 =
STA 170+00.00 4TH AVE W

STA 169+50.83
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

BEGIN CONSTRUCTION
STA 169+10.00
MATCH EXISTING
SAWCUT REQ'D

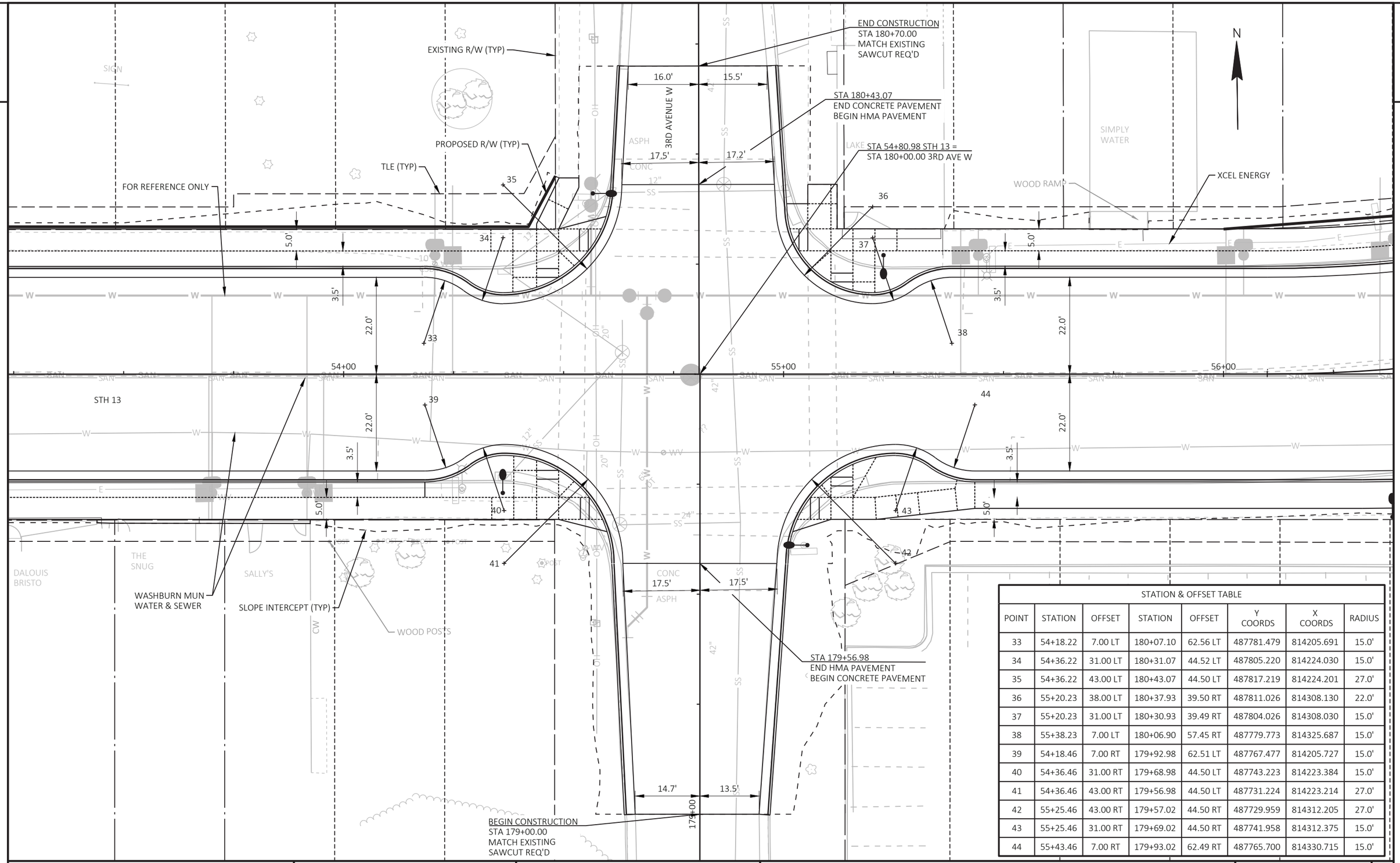
13.5' 18.5'

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
29	49+70.76	49.00 LT	170+49.17	44.50 LT	487829.835	813758.873	27.0'
30	50+59.76	49.00 LT	170+48.83	44.50 RT	487828.570	813847.865	27.0'
31	49+69.29	49.00 RT	169+51.17	44.50 LT	487731.866	813756.008	27.0'
32	50+58.29	49.00 RT	169+50.83	44.50 RT	487730.601	813844.999	27.0'

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	INTERSECTION DETAIL - 4TH AVENUE W	SHEET 22	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021101 _ID.DWG
LAYOUT NAME - 08
PLOT DATE : 4/28/2023 1:36 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2



STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
33	54+18.22	7.00 LT	180+07.10	62.56 LT	487781.479	814205.691	15.0'
34	54+36.22	31.00 LT	180+31.07	44.52 LT	487805.220	814224.030	15.0'
35	54+36.22	43.00 LT	180+43.07	44.50 LT	487817.219	814224.201	27.0'
36	55+20.23	38.00 LT	180+37.93	39.50 RT	487811.026	814308.130	22.0'
37	55+20.23	31.00 LT	180+30.93	39.49 RT	487804.026	814308.030	15.0'
38	55+38.23	7.00 LT	180+06.90	57.45 RT	487779.773	814325.687	15.0'
39	54+18.46	7.00 RT	179+92.98	62.51 LT	487767.477	814205.727	15.0'
40	54+36.46	31.00 RT	179+68.98	44.50 LT	487743.223	814223.384	15.0'
41	54+36.46	43.00 RT	179+56.98	44.50 LT	487731.224	814223.214	27.0'
42	55+25.46	43.00 RT	179+57.02	44.50 RT	487729.959	814312.205	27.0'
43	55+25.46	31.00 RT	179+69.02	44.50 RT	487741.958	814312.375	15.0'
44	55+43.46	7.00 RT	179+93.02	62.49 RT	487765.700	814330.715	15.0'

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	INTERSECTION DETAIL - 3RD AVENUE W	SHEET 23	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021101 _ID.DWG
LAYOUT NAME - 09
PLOT DATE : 4/28/2023 1:37 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
55	59+77.11	53.00 LT	190+24.87	49.00 LT	487952.634	814703.498	27.0'
56	59+97.59	61.93 LT	190+43.72	37.00 LT	487971.323	814715.741	15.0'
57	60+31.17	62.92 LT	190+61.72	13.00 LT	487989.011	814739.971	15.0'
58	61+13.30	75.67 LT	191+12.03	10.00 RT	488039.025	814763.620	15.0'
59	61+18.58	46.14 LT	190+94.03	34.00 RT	488020.716	814787.385	15.0'
60	61+25.16	40.00 LT	190+94.03	43.00 RT	488020.600	814796.385	24.0'
61	61+25.16	31.00 LT	190+87.45	49.14 RT	488013.938	814802.437	15.0'
62	61+43.16	7.00 LT	190+82.17	78.67 RT	488008.278	814831.898	15.0'

STA 190+87.5 LT
CONSTRUCT 12' CE
TYPE 2
SAWCUT REQ'D

CONCRETE CURB & GUTTER
30-INCH TYPE D (TYP)

STA 190+94.03
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

SLOPE INTERCEPT (TYP)

TLE (TYP)

STA 60+07.23 STH 13 =
STA 190+06.03 WASHINGTON AVE

END CONSTRUCTION
STA 191+30.00
MATCH EXISTING
SAWCUT REQ'D

STA 191+28.6 RT
CONSTRUCT 3' CE
TYPE 2
SAWCUT REQ'D

EXISTING R/W (TYP)

WASHINGTON AVENUE

59+00
59WB
60+00
60WB
61+00
61WB
190+00
191+00

16.0'
10.0'
16.0'
28.0'
28.0'
+20.0
25.0'
19.0'
22.0'
22.0'
10.0'
22.0'

PROPOSED R/W (TYP)

CONCRETE CURB & GUTTER
30-INCH TYPE A (TYP)

NORVADO

BEGIN CONSTRUCTION
STA 188+80.00
MATCH EXISTING
SAWCUT REQ'D

14.0'
22.0'
22.0'
22.0'
189+00

STA 189+24.32
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

FOR REFERENCE ONLY

STA 189+11.1 RT
CONSTRUCT 10' CE
TYPE 2
SAWCUT REQ'D

BRIGHTSPEED

WASHBURN MUN
WATER & SEWER

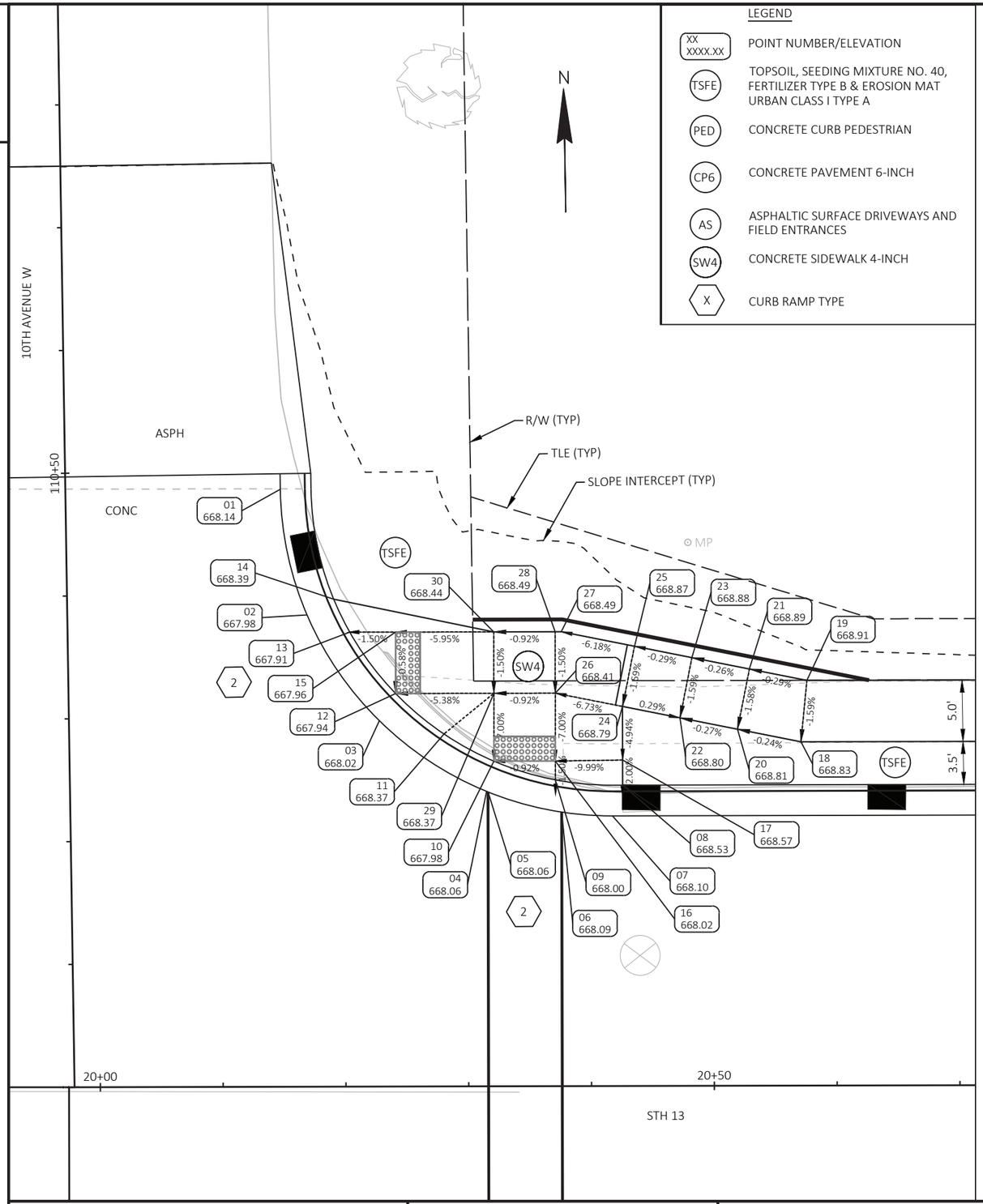
COCO
ARTISAN
BAKERY

STH 13

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
63	59+16.46	56.00 RT	189+08.88	44.00 LT	487836.587	814706.997	30.0'
64	59+28.90	64.38 RT	189+08.88	29.00 LT	487836.393	814721.996	15.0'
65	59+35.76	93.59 RT	188+88.48	7.00 LT	487815.714	814743.730	15.0'
66	59+72.48	64.13 RT	189+33.43	7.00 RT	487860.476	814758.310	15.0'
67	60+02.12	59.50 RT	189+53.82	29.00 RT	487880.585	814780.572	15.0'
68	60+19.59	53.00 RT	189+69.95	41.00 RT	487896.550	814792.780	27.0'
69	60+51.73	41.00 RT	190+01.65	62.09 RT	487927.974	814814.276	15.0'
70	60+68.45	17.00 RT	190+31.54	59.56 RT	487957.897	814812.134	15.0'

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	INTERSECTION DETAIL - WASHINGTON AVENUE	SHEET 24	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021101 _ID.DWG
LAYOUT NAME - 11
PLOT DATE : 5/23/2023 10:48 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



GENERAL CONSTRUCTION NOTES:

SLOPE ARROWS DO NOT DENOTE THE DIRECTION OF WATER FLOW RATHER THEY SHOW THE DIRECTION THAT THE ARROWS WERE DRAWN. NEGATIVE (-) VALUES DENOTE DOWNWARD SLOPE, POSITIVE (+) VALUES DENOTE UPWARD SLOPES.

DETECTABLE WARNING ARE 2 FT WIDE AND 5 FT LONG OR 2' WIDE AND 2.5 FT LONG AS NEEDED.

CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MUST ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

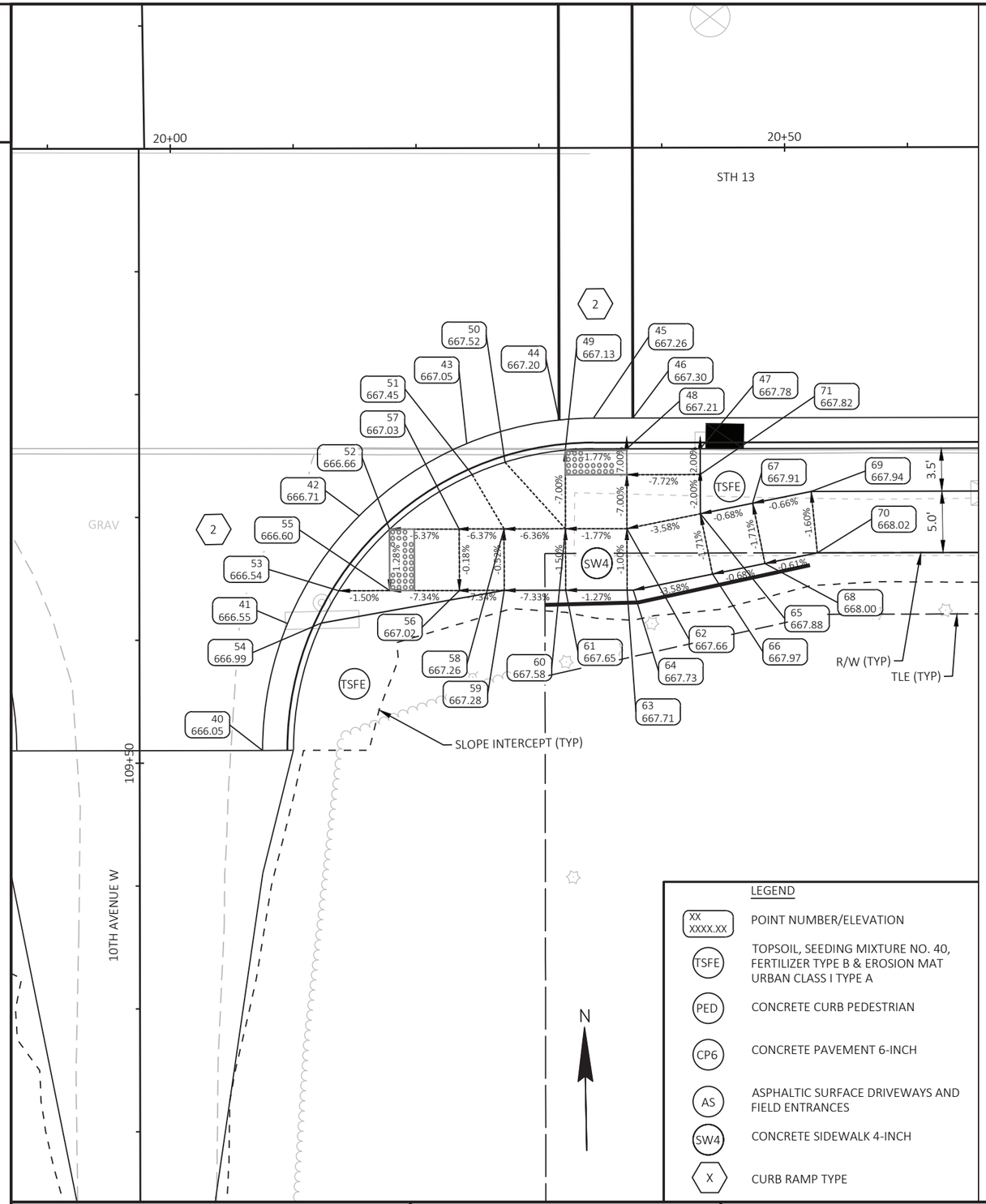
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 13.

DASHED LINES REPRESENT JOINT LOCATIONS. THE ENGINEER MAY ADJUST LOCATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

THE EXISTING TOPOGRAPHIC BASEMAP USED FOR DESIGN WAS CREATED BY FLOWN AND PHOTOGRAMMETRY METHODS. DUE TO ALLOWABLE TOLERANCES WITH FLOWN DATA, THE CONTRACTOR SHALL DETERMINE AND MAKE ADJUSTMENTS TO THE PROPOSED IMPROVEMENTS SHOWN IN THE PLANS TO FIT ACTUAL FIELD CONDITIONS.

10TH AVE N					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
01	20+14.75	48.64' LT	668.14	487873.33	810803.25
02	20+16.91	38.42' LT	667.98	487863.07	810805.25
03	20+22.78	29.78' LT	668.02	487854.35	810810.99
04	20+31.50	24.02' LT	668.06	487848.45	810819.61
05	20+31.61	23.98' LT	668.06	487848.40	810819.72
06	20+37.61	22.32' LT	668.09	487846.65	810825.69
07	20+41.75	22.00' LT	668.10	487846.27	810829.83
08	20+42.59	24.50' LT	668.53	487848.75	810830.70
09	20+37.11	24.94' LT	668.00	487849.28	810825.23
10	20+32.11	26.48' LT	667.98	487850.89	810820.26
11	20+28.04	28.70' LT	668.37	487853.18	810816.22
12	20+24.11	32.00' LT	667.94	487856.54	810812.34
13	20+20.39	37.00' LT	667.91	487861.60	810808.70
14	20+19.08	39.70' LT	668.39	487864.32	810807.44
15	20+24.11	37.00' LT	667.96	487861.54	810812.42
16	20+37.11	26.48' LT	668.02	487850.82	810825.26
17	20+42.59	26.54' LT	668.57	487850.80	810830.74
18	20+57.11	28.00' LT	668.83	487852.03	810845.28
19	20+57.60	33.00' LT	668.91	487857.02	810845.85
20	20+51.94	29.03' LT	668.81	487853.14	810840.13
21	20+52.92	33.94' LT	668.89	487858.03	810841.19
22	20+47.26	29.97' LT	668.80	487854.15	810835.47
23	20+48.24	34.87' LT	668.88	487859.04	810836.52
24	20+42.59	30.90' LT	668.79	487855.16	810830.80
25	20+43.57	35.81' LT	668.87	487860.04	810831.86
26	20+37.11	32.00' LT	668.41	487856.34	810825.34
27	20+37.60	37.00' LT	668.49	487861.33	810825.91
28	20+37.11	37.00' LT	668.49	487861.34	810825.42
29	20+32.11	32.00' LT	668.37	487856.42	810820.34
30	20+32.11	37.00' LT	668.44	487861.42	810820.42

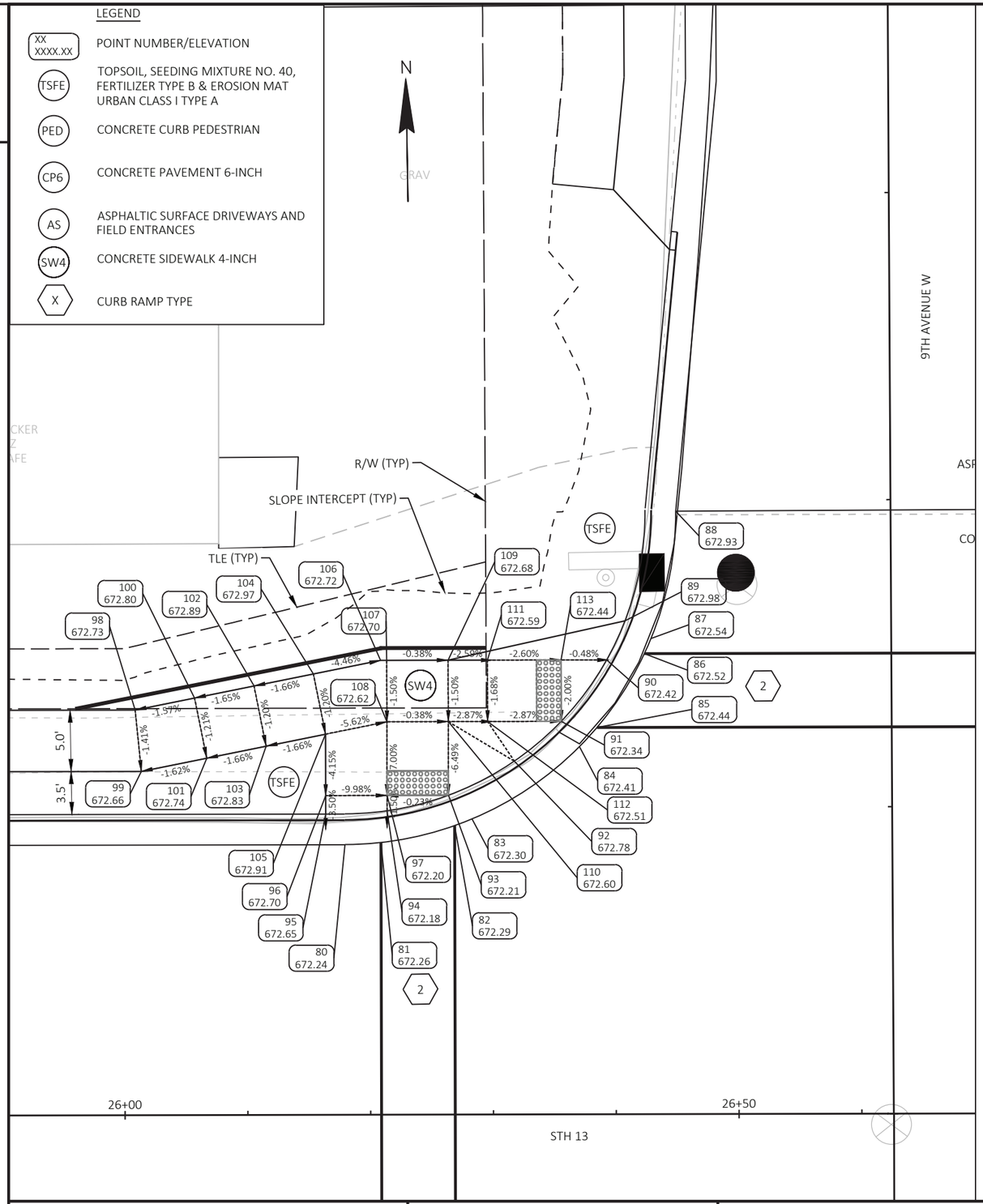


10TH AVE S					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
40	20+07.41	48.98' RT	666.05	487775.83	810794.38
41	20+09.47	38.66' RT	666.55	487786.12	810796.61
42	20+15.32	29.90' RT	666.71	487794.78	810802.60
43	20+24.08	24.05' RT	667.05	487800.50	810811.44
44	20+31.61	22.15' RT	667.20	487802.29	810819.00
45	20+34.41	22.00' RT	667.26	487802.39	810821.80
46	20+37.61	22.00' RT	667.30	487802.34	810825.00
47	20+43.08	24.50' RT	667.78	487799.75	810830.44
48	20+37.11	24.50' RT	667.21	487799.85	810824.46
49	20+32.11	24.61' RT	667.13	487799.81	810819.46
50	20+27.20	25.58' RT	667.52	487798.92	810814.54
51	20+24.52	26.58' RT	667.45	487797.96	810811.84
52	20+17.79	31.00' RT	666.66	487793.65	810805.04
53	20+13.64	36.00' RT	666.54	487788.71	810800.82
54	20+12.21	38.64' RT	666.99	487786.10	810799.35
55	20+17.79	36.00' RT	666.60	487788.65	810804.97
56	20+23.46	36.00' RT	667.02	487788.56	810810.63
57	20+23.46	31.00' RT	667.03	487793.56	810810.71
58	20+27.11	31.00' RT	667.26	487793.50	810814.36
59	20+27.11	36.00' RT	667.28	487788.50	810814.28
60	20+32.11	31.00' RT	667.58	487793.42	810819.36
61	20+32.11	36.00' RT	667.65	487788.42	810819.28
62	20+37.11	31.00' RT	667.66	487793.35	810824.36
63	20+37.11	36.00' RT	667.71	487788.35	810824.28
64	20+37.60	36.00' RT	667.73	487788.34	810824.77
65	20+43.08	29.80' RT	667.88	487794.45	810830.35
66	20+44.06	34.71' RT	667.97	487789.53	810831.26
67	20+47.35	28.95' RT	667.91	487795.23	810834.63
68	20+48.33	33.85' RT	668.00	487790.32	810835.54
69	20+52.11	28.00' RT	667.94	487796.11	810839.40
70	20+52.60	33.00' RT	668.02	487791.10	810839.82
71	20+43.08	26.61' RT	667.82	487797.64	810830.40

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 10TH AVENUE SE	SHEET 26	E

LEGEND

- XX / XXXX.XX — POINT NUMBER/ELEVATION
- TSFE — TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
- PED — CONCRETE CURB PEDESTRIAN
- CP6 — CONCRETE PAVEMENT 6-INCH
- AS — ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- SW4 — CONCRETE SIDEWALK 4-INCH
- X — CURB RAMP TYPE

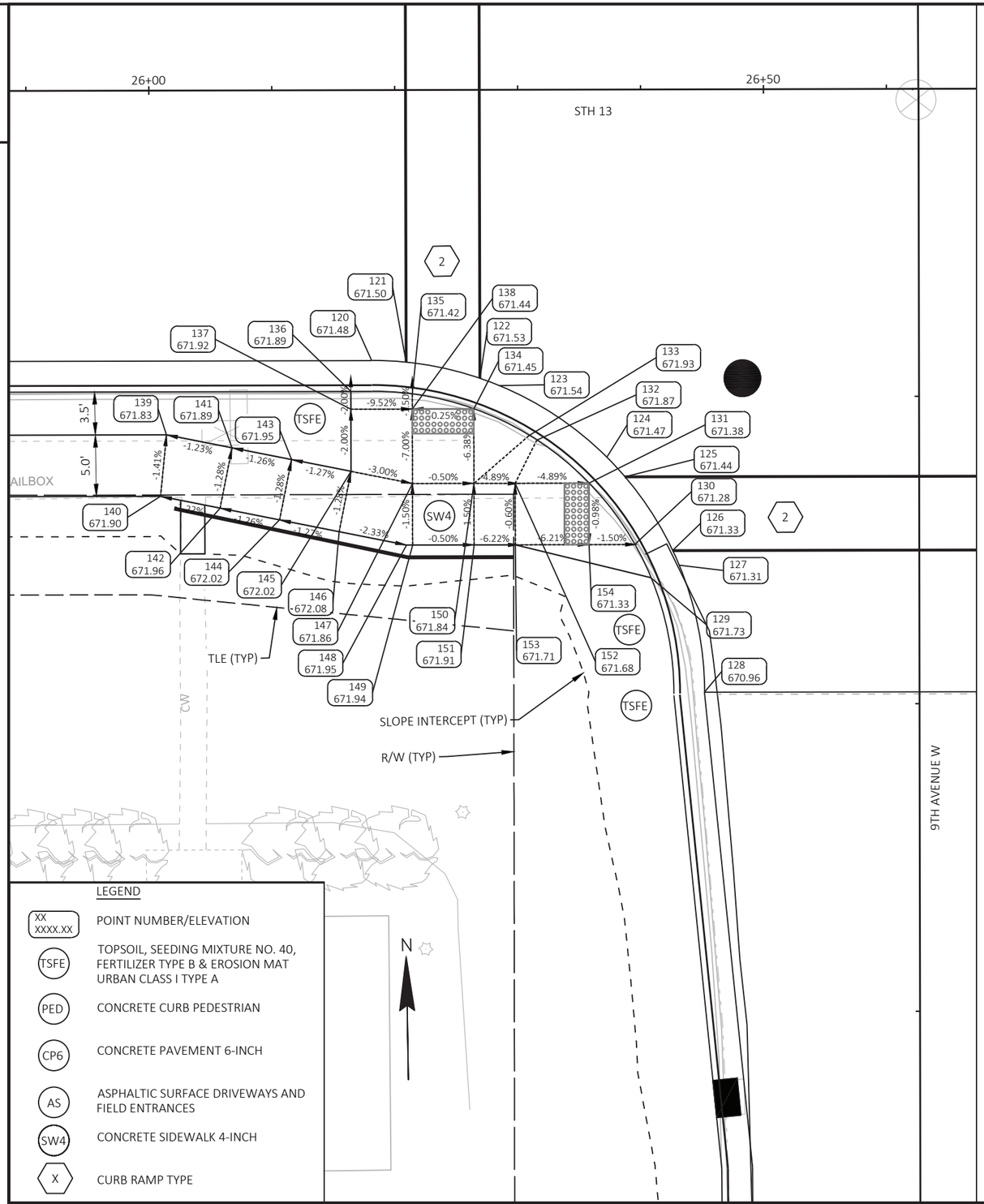


9TH AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
80	26+17.94	22.00' LT	672.24	487837.27	811405.95
81	26+20.88	22.16' LT	672.26	487837.38	811408.89
82	26+26.88	23.52' LT	672.29	487838.65	811414.91
83	26+28.30	24.06' LT	672.30	487839.17	811416.33
84	26+37.07	29.94' LT	672.41	487844.91	811425.20
85	26+38.50	31.50' LT	672.44	487846.45	811426.66
86	26+42.37	37.50' LT	672.52	487852.39	811430.62
87	26+42.91	38.73' LT	672.54	487853.61	811431.18
88	26+44.94	49.09' LT	672.93	487863.93	811433.37
89	26+40.79	40.17' LT	672.98	487855.08	811429.08
90	26+39.30	37.00' LT	672.42	487851.93	811427.54
91	26+35.58	32.00' LT	672.34	487846.99	811423.75
92	26+31.75	28.77' LT	672.78	487843.83	811419.86
93	26+26.38	26.00' LT	672.21	487841.14	811414.45
94	26+21.38	24.74' LT	672.18	487839.96	811409.43
95	26+16.39	24.50' LT	672.65	487839.79	811404.44
96	26+16.39	26.00' LT	672.70	487841.29	811404.46
97	26+21.38	26.00' LT	672.20	487841.22	811409.45
98	26+00.89	33.00' LT	672.73	487848.54	811389.07
99	26+01.38	28.00' LT	672.66	487843.53	811389.49
100	26+05.73	33.97' LT	672.80	487849.43	811393.92
101	26+06.71	29.07' LT	672.74	487844.51	811394.83
102	26+10.57	34.94' LT	672.89	487850.32	811398.78
103	26+11.55	30.03' LT	672.83	487845.40	811399.68
104	26+15.41	35.90' LT	672.97	487851.21	811403.63
105	26+16.39	31.00' LT	672.91	487846.29	811404.54
106	26+20.89	37.00' LT	672.72	487852.22	811409.13
107	26+21.38	37.00' LT	672.70	487852.21	811409.63
108	26+21.38	32.00' LT	672.62	487847.22	811409.55
109	26+26.38	37.00' LT	672.68	487852.14	811414.62
110	26+26.38	32.00' LT	672.60	487847.14	811414.55
111	26+29.58	37.00' LT	672.59	487852.09	811417.83
112	26+29.58	32.00' LT	672.51	487847.09	811417.75
113	26+35.58	37.00' LT	672.44	487851.99	811423.82

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 9TH AVENUE NW	SHEET 27	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 9TH AVENUE NW

PLOT DATE : 4/28/2023 1:47 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT



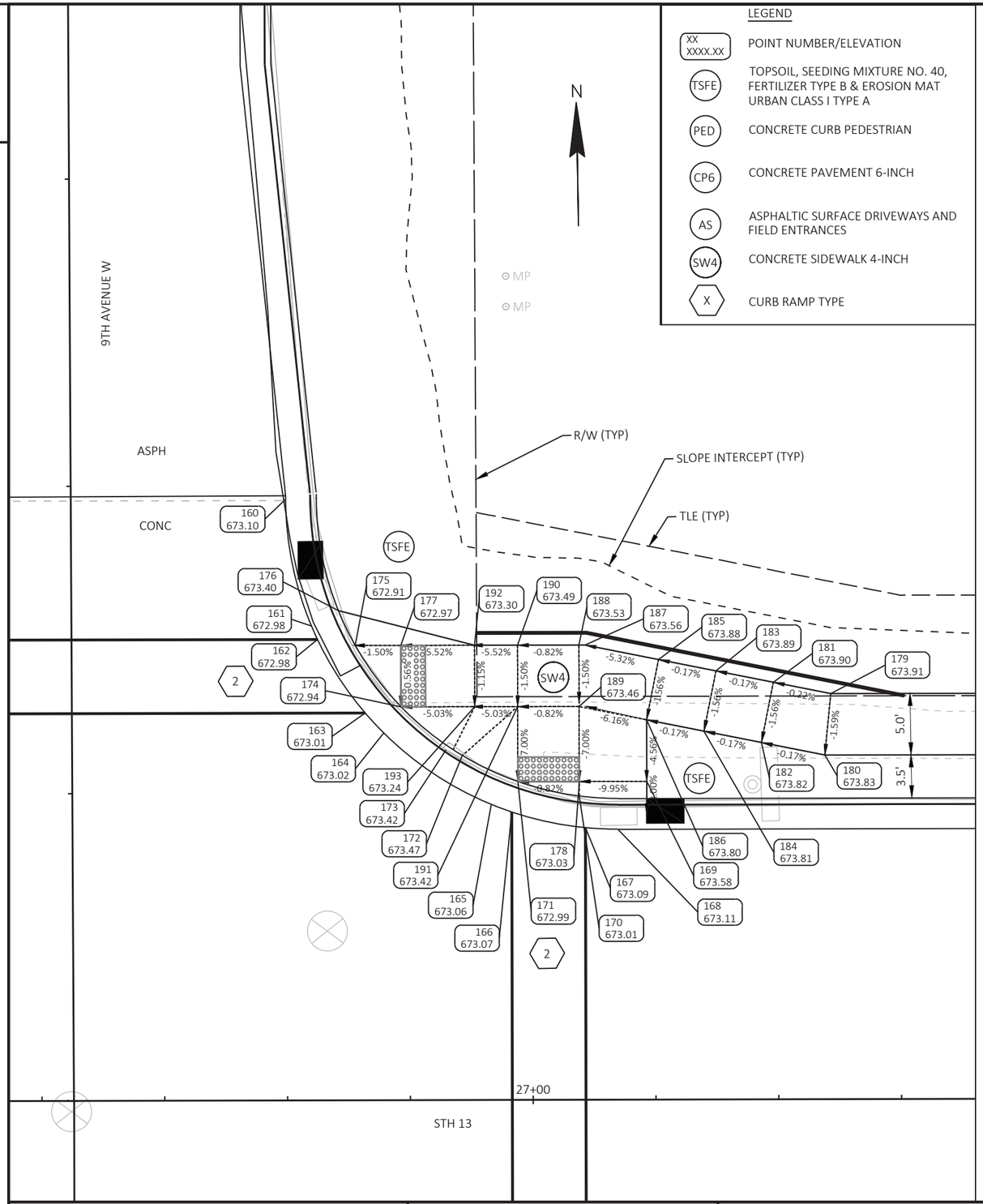
LEGEND

XX XXXX.XX	POINT NUMBER/ELEVATION
TSFE	TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
PED	CONCRETE CURB PEDESTRIAN
CP6	CONCRETE PAVEMENT 6-INCH
AS	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
SW4	CONCRETE SIDEWALK 4-INCH
X	CURB RAMP TYPE

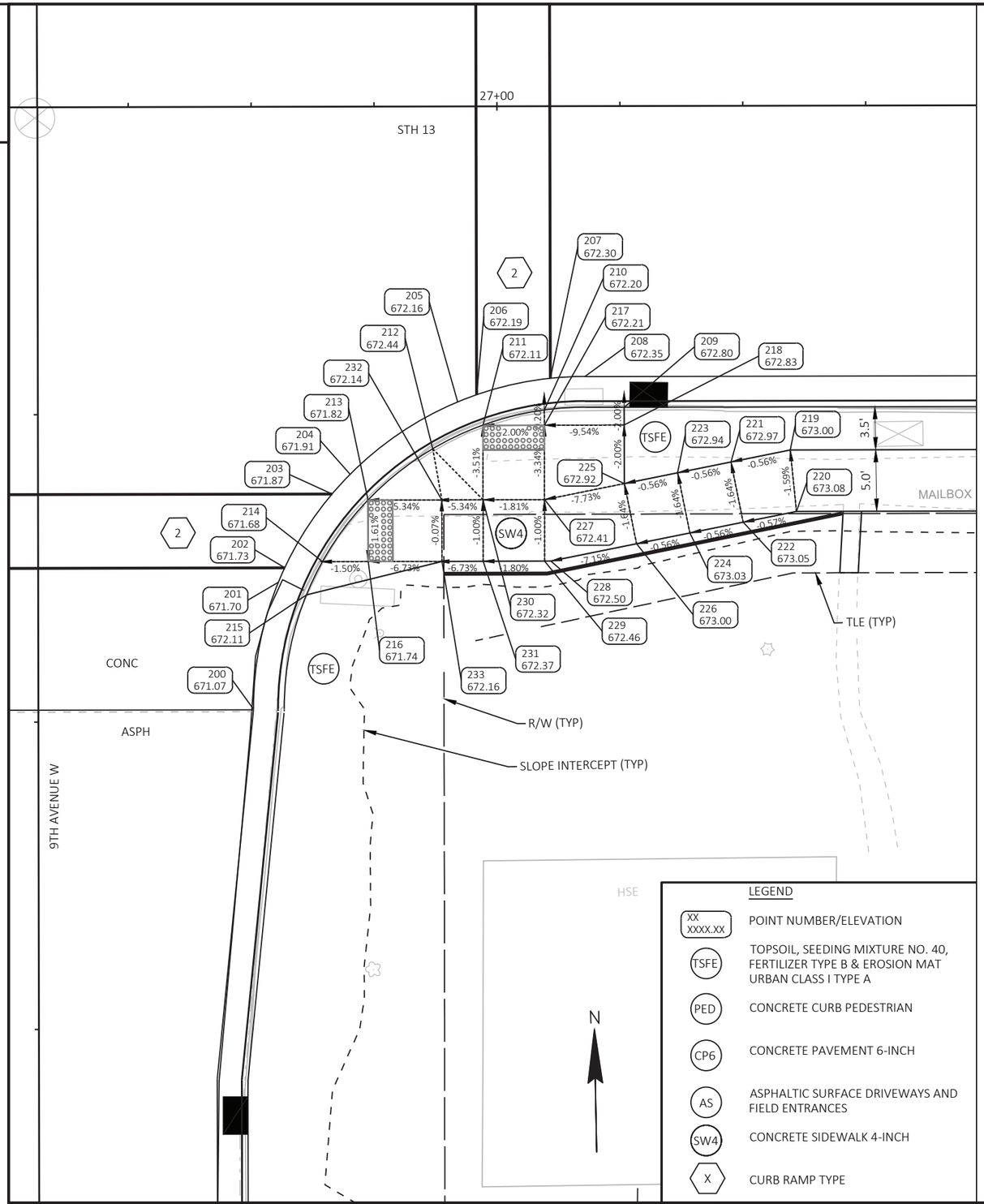
9TH AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
120	26+18.09	22.00' RT	671.48	487793.27	811405.41
121	26+20.88	22.14' RT	671.50	487793.09	811408.20
122	26+26.88	23.47' RT	671.53	487791.67	811414.18
123	26+28.43	24.06' RT	671.54	487791.06	811415.72
124	26+37.19	29.91' RT	671.47	487785.06	811424.39
125	26+38.65	31.50' RT	671.44	487783.45	811425.82
126	26+42.52	37.50' RT	671.33	487777.39	811429.60
127	26+43.04	38.68' RT	671.31	487776.21	811430.10
128	26+45.09	49.02' RT	670.96	487765.84	811431.99
129	26+40.76	39.70' RT	671.73	487775.22	811427.80
130	26+39.45	37.00' RT	671.28	487777.94	811426.54
131	26+35.73	32.00' RT	671.38	487783.00	811422.90
132	26+31.50	28.49' RT	671.87	487786.57	811418.72
133	26+30.89	28.11' RT	671.93	487786.97	811418.12
134	26+26.38	25.95' RT	671.45	487789.20	811413.64
135	26+21.38	24.72' RT	671.42	487790.50	811408.66
136	26+16.39	24.50' RT	671.89	487790.80	811403.67
137	26+16.39	25.95' RT	671.92	487789.36	811403.65
138	26+21.38	25.95' RT	671.44	487789.28	811408.64
139	26+01.38	28.00' RT	671.83	487787.53	811388.61
140	26+00.89	33.00' RT	671.90	487782.54	811388.04
141	26+06.71	29.07' RT	671.89	487786.39	811393.92
142	26+05.73	33.97' RT	671.96	487781.50	811392.86
143	26+11.55	30.03' RT	671.95	487785.34	811398.74
144	26+10.57	34.94' RT	672.02	487780.46	811397.69
145	26+16.39	31.00' RT	672.02	487784.30	811403.57
146	26+15.41	35.90' RT	672.08	487779.41	811402.51
147	26+21.38	32.00' RT	671.86	487783.22	811408.55
148	26+20.89	37.00' RT	671.95	487778.23	811407.97
149	26+21.38	37.00' RT	671.94	487778.22	811408.47
150	26+26.38	32.00' RT	671.84	487783.15	811413.55
151	26+26.38	37.00' RT	671.91	487778.15	811413.47
152	26+29.73	32.00' RT	671.68	487783.09	811416.90
153	26+29.73	37.00' RT	671.71	487778.09	811416.82
154	26+35.73	37.00' RT	671.33	487778.00	811422.82

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 9TH AVENUE SW	SHEET 28	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 9TH AVENUE SW
PLOT DATE : 4/28/2023 1:48 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



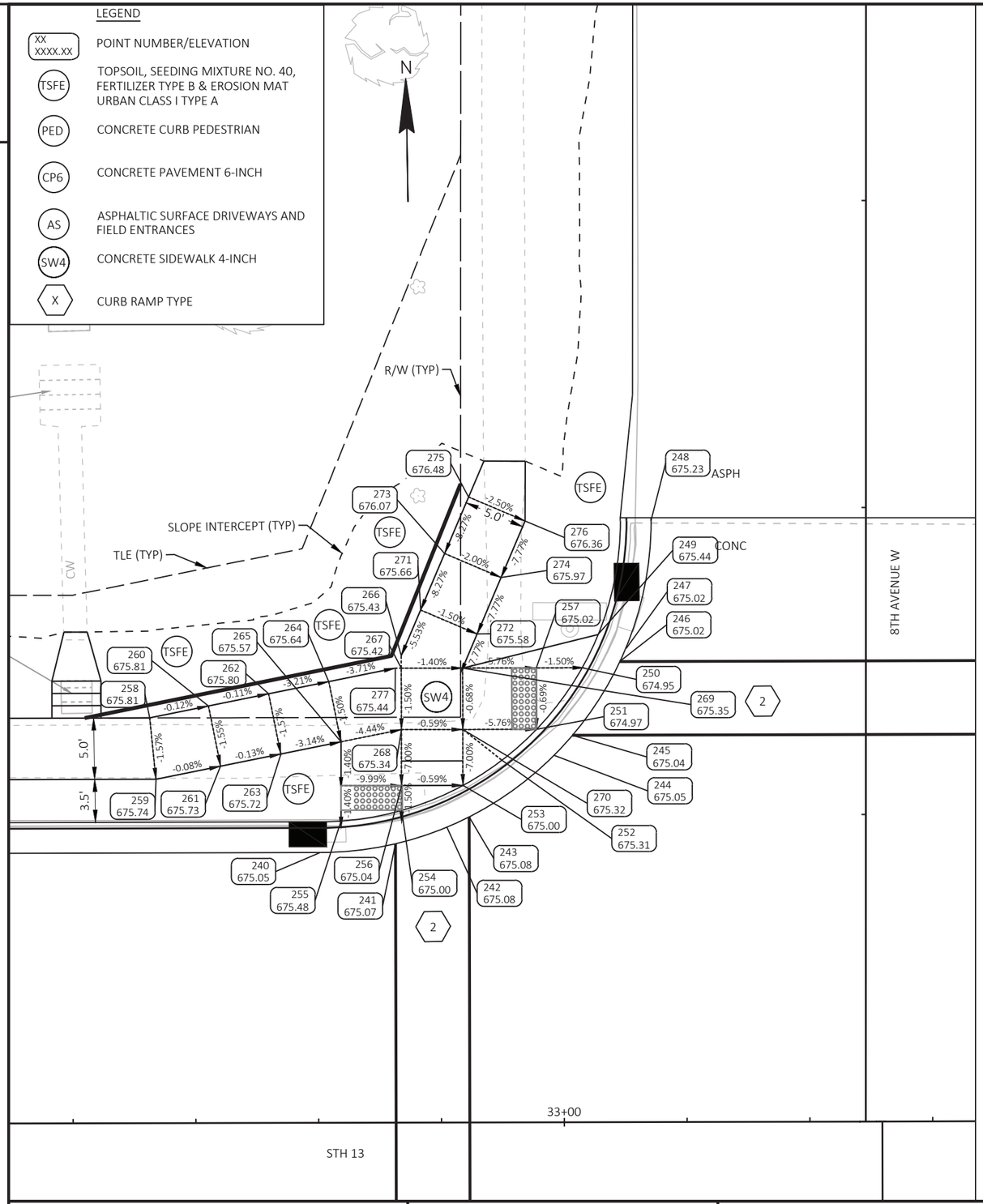
9TH NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
160	26+79.94	48.91' LT	673.10	487863.21	811468.36
161	26+82.02	38.61' LT	672.98	487852.87	811470.28
162	26+82.51	37.50' LT	672.98	487851.76	811470.76
163	26+86.38	31.50' LT	673.01	487845.70	811474.53
164	26+87.88	29.88' LT	673.02	487844.05	811476.01
165	26+96.63	24.05' LT	673.06	487838.09	811484.66
166	26+98.30	23.42' LT	673.07	487837.44	811486.32
167	27+04.30	22.13' LT	673.09	487836.05	811492.30
168	27+06.94	22.00' LT	673.11	487835.88	811494.94
169	27+09.30	25.89' LT	673.58	487839.74	811497.36
170	27+03.80	24.70' LT	673.01	487838.63	811491.84
171	26+98.80	25.89' LT	672.99	487839.90	811486.86
172	26+94.28	28.03' LT	673.47	487842.10	811482.37
173	26+92.96	28.49' LT	673.42	487842.58	811481.06
174	26+89.30	32.00' LT	672.94	487846.15	811477.46
175	26+85.58	37.00' LT	672.91	487851.21	811473.82
176	26+84.22	39.85' LT	673.40	487854.08	811472.49
177	26+89.30	37.00' LT	672.97	487851.15	811477.53
178	27+03.80	25.89' LT	673.03	487839.82	811491.86
179	27+24.30	33.00' LT	673.91	487846.61	811512.46
180	27+23.80	28.00' LT	673.83	487841.62	811511.89
181	27+19.62	33.93' LT	673.90	487847.62	811507.81
182	27+18.64	29.03' LT	673.82	487842.73	811506.75
183	27+14.95	34.87' LT	673.89	487848.62	811503.15
184	27+13.97	29.97' LT	673.81	487843.74	811502.09
185	27+10.28	35.80' LT	673.88	487849.63	811498.49
186	27+09.30	30.90' LT	673.80	487844.74	811497.43
187	27+04.30	37.00' LT	673.56	487850.92	811492.53
188	27+03.80	37.00' LT	673.53	487850.93	811492.03
189	27+03.80	32.00' LT	673.46	487845.93	811491.96
190	26+98.80	37.00' LT	673.49	487851.01	811487.04
191	26+98.80	32.00' LT	673.42	487846.01	811486.96
192	26+95.30	37.00' LT	673.30	487851.06	811483.53
193	26+95.30	32.00' LT	673.24	487846.06	811483.46



LEGEND

XX XXXX.XX	POINT NUMBER/ELEVATION
TSFE	TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
PED	CONCRETE CURB PEDESTRIAN
CP6	CONCRETE PAVEMENT 6-INCH
AS	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
SW4	CONCRETE SIDEWALK 4-INCH
X	CURB RAMP TYPE

9TH AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
200	26+80.09	48.98' RT	671.07	487765.32	811466.99
201	26+82.15	38.66' RT	671.70	487775.62	811469.21
202	26+82.66	37.50' RT	671.73	487776.77	811469.74
203	26+86.53	31.50' RT	671.87	487782.71	811473.70
204	26+88.01	29.90' RT	671.91	487784.28	811475.20
205	26+96.76	24.05' RT	672.16	487789.99	811484.04
206	26+98.30	23.47' RT	672.19	487790.55	811485.59
207	27+04.30	22.14' RT	672.30	487791.78	811491.61
208	27+07.09	22.00' RT	672.35	487791.88	811494.40
209	27+10.30	24.50' RT	672.80	487789.33	811497.57
210	27+03.80	24.72' RT	672.20	487789.21	811491.07
211	26+98.80	25.95' RT	672.11	487788.07	811486.05
212	26+94.72	27.85' RT	672.44	487786.23	811481.94
213	26+89.45	32.00' RT	671.82	487782.16	811476.61
214	26+85.73	37.00' RT	671.68	487777.22	811472.81
215	26+84.43	39.70' RT	672.11	487774.54	811471.46
216	26+89.45	37.00' RT	671.74	487777.16	811476.53
217	27+03.80	25.95' RT	672.21	487787.99	811491.05
218	27+10.30	25.95' RT	672.83	487787.89	811497.55
219	27+23.80	28.00' RT	673.00	487785.62	811511.02
220	27+24.30	33.00' RT	673.08	487780.62	811511.43
221	27+18.98	28.97' RT	672.97	487784.73	811506.18
222	27+19.96	33.87' RT	673.05	487779.82	811507.08
223	27+14.64	29.83' RT	672.94	487783.93	811501.83
224	27+15.62	34.74' RT	673.03	487779.02	811502.73
225	27+10.30	30.70' RT	672.92	487783.13	811497.47
226	27+11.28	35.60' RT	673.00	487778.22	811498.38
227	27+03.81	32.00' RT	672.41	487781.94	811490.96
228	27+04.31	37.00' RT	672.50	487776.93	811491.38
229	27+03.80	37.00' RT	672.46	487776.94	811490.88
230	26+98.80	32.00' RT	672.32	487782.01	811485.96
231	26+98.80	37.00' RT	672.37	487777.01	811485.88
232	26+95.45	32.00' RT	672.14	487782.07	811482.61
233	26+95.45	37.00' RT	672.16	487777.07	811482.53

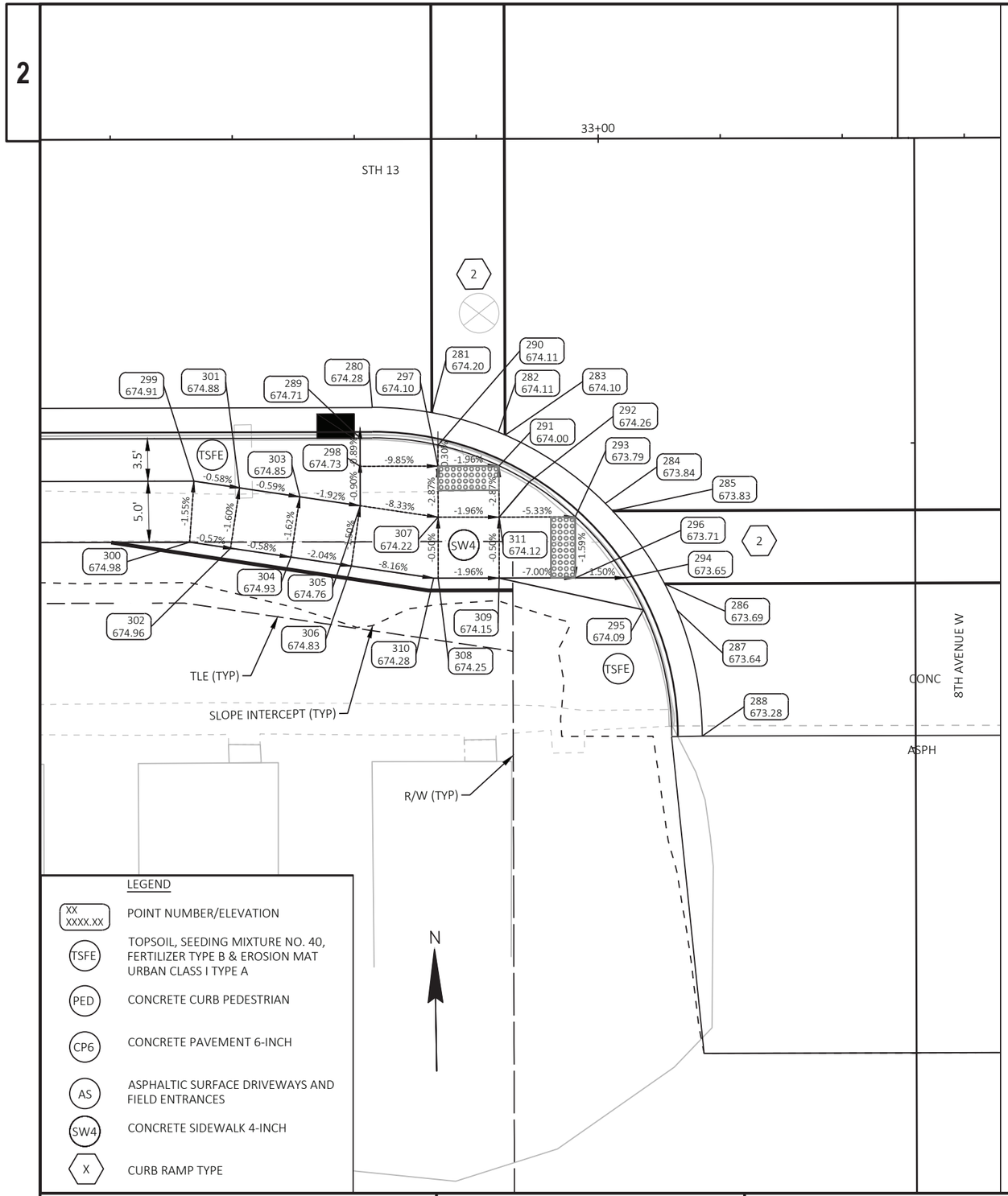


8TH AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
240	32+80.16	22.00' LT	675.05	487826.93	812068.09
241	32+86.30	22.71' LT	675.07	487827.54	812074.24
242	32+90.48	24.05' LT	675.08	487828.82	812078.44
243	32+92.30	24.88' LT	675.08	487829.62	812080.28
244	32+99.23	29.89' LT	675.05	487834.52	812087.28
245	33+00.72	31.50' LT	675.04	487836.11	812088.80
246	33+04.59	37.50' LT	675.02	487842.05	812092.76
247	33+05.12	38.57' LT	675.02	487843.11	812093.31
248	33+07.16	48.94' LT	675.23	487853.44	812095.51
249	33+02.83	39.70' LT	675.44	487844.27	812091.03
250	33+01.52	37.00' LT	674.95	487841.59	812089.68
251	32+97.80	32.00' LT	674.97	487836.65	812085.89
252	32+94.98	29.49' LT	675.31	487834.19	812083.02
253	32+91.80	27.44' LT	675.00	487832.19	812079.82
254	32+86.80	25.42' LT	675.00	487830.24	812074.78
255	32+81.88	24.56' LT	675.48	487829.46	812069.85
256	32+86.80	27.44' LT	675.04	487832.27	812074.82
257	32+97.80	37.00' LT	675.02	487841.65	812085.96
258	32+66.31	33.00' LT	675.81	487838.15	812054.41
259	32+66.80	28.00' LT	675.74	487833.14	812054.83
260	32+71.09	33.96' LT	675.81	487839.03	812059.21
261	32+72.07	29.05' LT	675.73	487834.11	812060.11
262	32+75.99	34.94' LT	675.80	487839.93	812064.12
263	32+76.98	30.03' LT	675.72	487835.01	812065.03
264	32+80.90	35.92' LT	675.64	487840.83	812069.04
265	32+81.88	31.01' LT	675.57	487835.92	812069.95
266	32+86.80	38.02' LT	675.43	487842.85	812074.98
267	32+86.80	37.00' LT	675.42	487841.82	812074.97
268	32+86.80	32.00' LT	675.34	487836.83	812074.89
269	32+91.80	37.00' LT	675.35	487841.75	812079.96
270	32+91.80	32.00' LT	675.32	487836.75	812079.89
271	32+88.39	41.73' LT	675.66	487846.53	812076.62
272	32+92.99	39.77' LT	675.58	487844.49	812081.19
273	32+90.35	46.33' LT	676.07	487851.10	812078.66
274	32+94.95	44.36' LT	675.97	487849.06	812083.23
275	32+92.32	50.93' LT	676.48	487855.66	812080.70
276	32+96.92	48.96' LT	676.36	487853.63	812085.26
277	32+86.31	37.00' LT	675.44	487841.83	812074.47

2

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 8TH AVENUE NW	SHEET 31	E

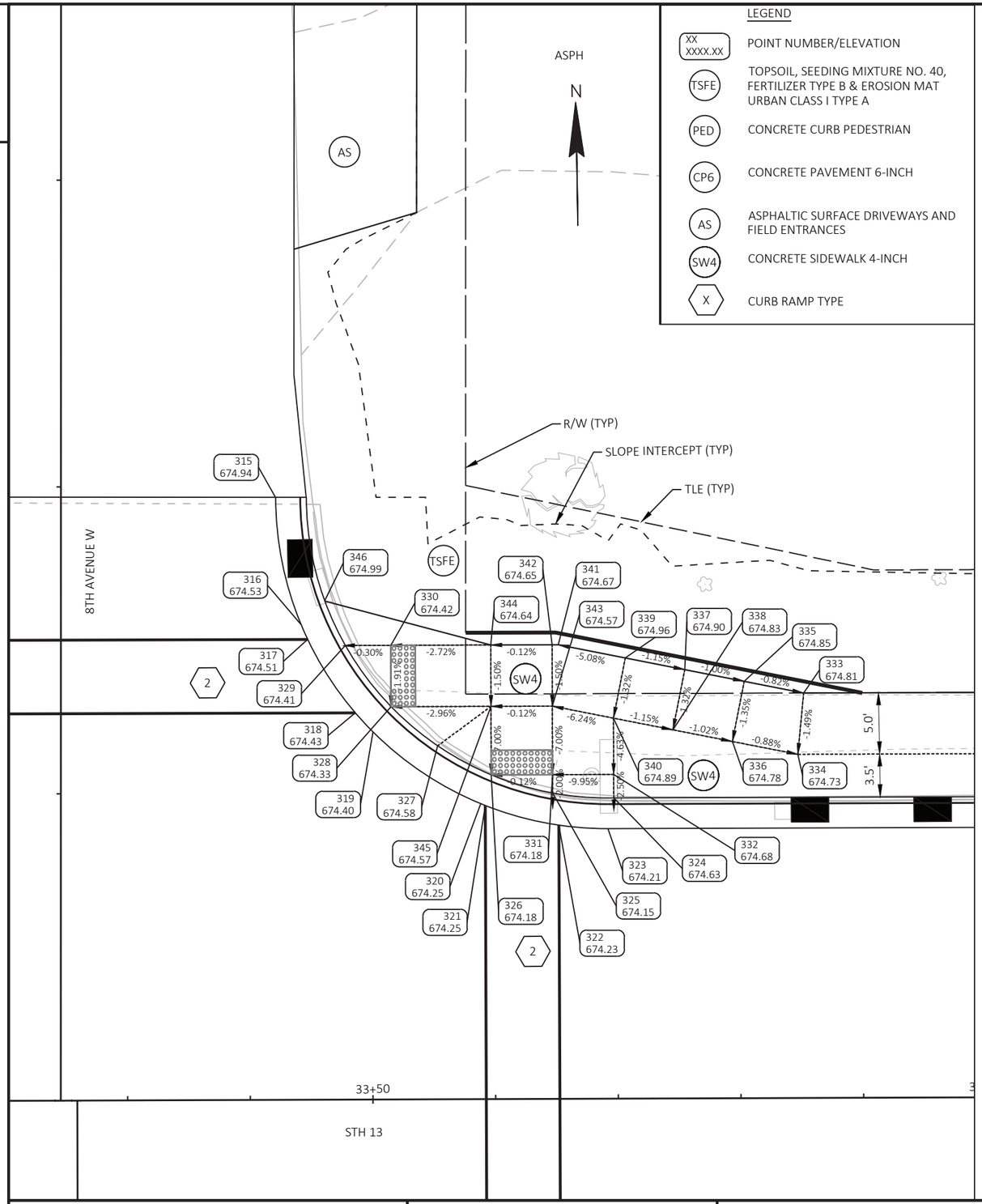
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 8TH AVENUE NW
PLOT DATE : 4/28/2023 1:52 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



8TH AVE SW (1)					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
280	32+81.42	22.00' RT	674.28	487782.92	812068.66
281	32+86.30	22.44' RT	674.20	487782.39	812073.54
282	32+91.75	24.05' RT	674.11	487780.70	812078.96
283	32+92.30	24.29' RT	674.10	487780.46	812079.51
284	33+00.51	29.90' RT	673.84	487774.72	812087.62
285	33+01.09	30.50' RT	673.83	487774.11	812088.19
286	33+05.35	36.50' RT	673.69	487768.04	812092.37
287	33+06.36	38.66' RT	673.64	487765.87	812093.34
288	33+08.42	48.99' RT	673.28	487755.51	812095.24
289	32+80.42	24.50' RT	674.71	487780.43	812067.62
290	32+86.80	25.10' RT	674.11	487779.73	812074.00
291	32+91.80	26.81' RT	674.00	487777.95	812078.97
292	32+94.26	28.14' RT	674.26	487776.58	812081.41
293	32+98.04	31.00' RT	673.79	487773.66	812085.14
294	33+02.19	36.00' RT	673.65	487768.59	812089.21
295	33+03.62	38.64' RT	674.09	487765.94	812090.60
296	32+98.04	36.00' RT	673.71	487768.66	812085.06
297	32+86.80	26.81' RT	674.10	487778.02	812073.97
298	32+80.42	26.81' RT	674.73	487778.12	812067.59
299	32+66.80	28.00' RT	674.91	487777.14	812053.95
300	32+66.43	33.00' RT	674.98	487772.15	812053.50
301	32+70.53	28.56' RT	674.88	487776.53	812057.67
302	32+69.79	33.50' RT	674.96	487771.59	812056.85
303	32+75.48	29.30' RT	674.85	487775.71	812062.61
304	32+74.74	34.25' RT	674.93	487770.78	812061.79
305	32+80.42	30.04' RT	674.76	487774.89	812067.54
306	32+79.68	34.99' RT	674.83	487769.96	812066.72
307	32+86.80	31.00' RT	674.22	487773.83	812073.90
308	32+86.80	36.00' RT	674.25	487768.83	812073.83
309	32+91.80	36.00' RT	674.15	487768.76	812078.82
310	32+86.43	36.00' RT	674.28	487768.84	812073.45
311	32+91.80	31.00' RT	674.12	487773.75	812078.90

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 8TH AVENUE SW	SHEET 32	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 8TH AVENUE SW
PLOT DATE : 4/28/2023 1:53 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



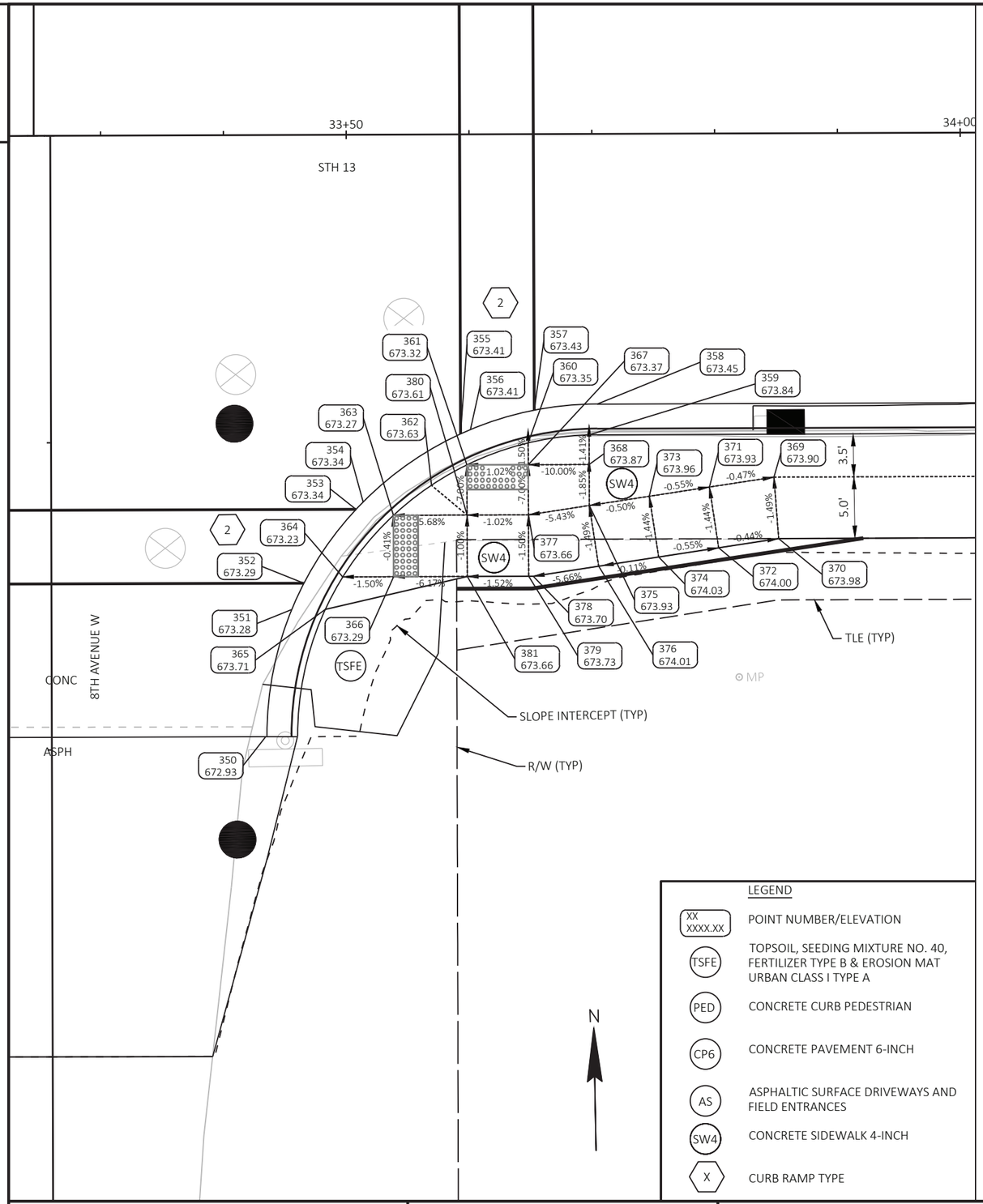
8TH AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
315	33+42.23	49.10' LT	674.94	487853.09	812130.51
316	33+44.26	38.74' LT	674.53	487842.69	812132.38
317	33+44.80	37.50' LT	674.51	487841.45	812132.91
318	33+48.67	31.50' LT	674.43	487835.39	812136.69
319	33+50.10	29.94' LT	674.40	487833.82	812138.10
320	33+58.87	24.06' LT	674.25	487827.81	812146.79
321	33+59.23	23.92' LT	674.25	487827.66	812147.15
322	33+65.23	22.30' LT	674.23	487825.96	812153.12
323	33+69.23	22.00' LT	674.21	487825.60	812157.12
324	33+69.72	24.50' LT	674.63	487828.09	812157.64
325	33+64.73	24.92' LT	674.15	487828.58	812152.66
326	33+59.73	26.42' LT	674.18	487830.15	812147.68
327	33+55.38	28.79' LT	674.58	487832.59	812143.36
328	33+51.59	32.00' LT	674.33	487835.85	812139.62
329	33+47.87	37.00' LT	674.41	487840.90	812135.97
330	33+51.59	37.00' LT	674.42	487840.85	812139.69
331	33+64.73	26.42' LT	674.18	487830.08	812152.68
332	33+69.72	26.42' LT	674.68	487830.01	812157.67
333	33+85.23	33.00' LT	674.81	487836.37	812173.27
334	33+84.73	28.00' LT	674.73	487831.38	812172.70
335	33+80.38	33.97' LT	674.85	487837.41	812168.44
336	33+79.40	29.07' LT	674.78	487832.52	812167.39
337	33+75.54	34.94' LT	674.90	487838.45	812163.61
338	33+74.56	30.03' LT	674.83	487833.56	812162.56
339	33+70.70	35.91' LT	674.96	487839.49	812158.78
340	33+69.72	31.00' LT	674.89	487834.60	812157.73
341	33+65.23	37.00' LT	674.67	487840.66	812153.33
342	33+64.73	37.00' LT	674.65	487840.66	812152.83
343	33+64.73	32.00' LT	674.57	487835.67	812152.76
344	33+59.73	37.00' LT	674.64	487840.74	812147.83
345	33+59.73	32.00' LT	674.57	487835.74	812147.76
346	33+46.20	40.64' LT	674.99	487844.56	812134.36

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 8TH AVENUE NE	SHEET 33	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 8TH AVENUE NE

PLOT DATE : 4/28/2023 1:54 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



LEGEND

XX XXXX.XX	POINT NUMBER/ELEVATION
TSFE	TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
PED	CONCRETE CURB PEDESTRIAN
CP6	CONCRETE PAVEMENT 6-INCH
AS	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
SW4	CONCRETE SIDEWALK 4-INCH
X	CURB RAMP TYPE

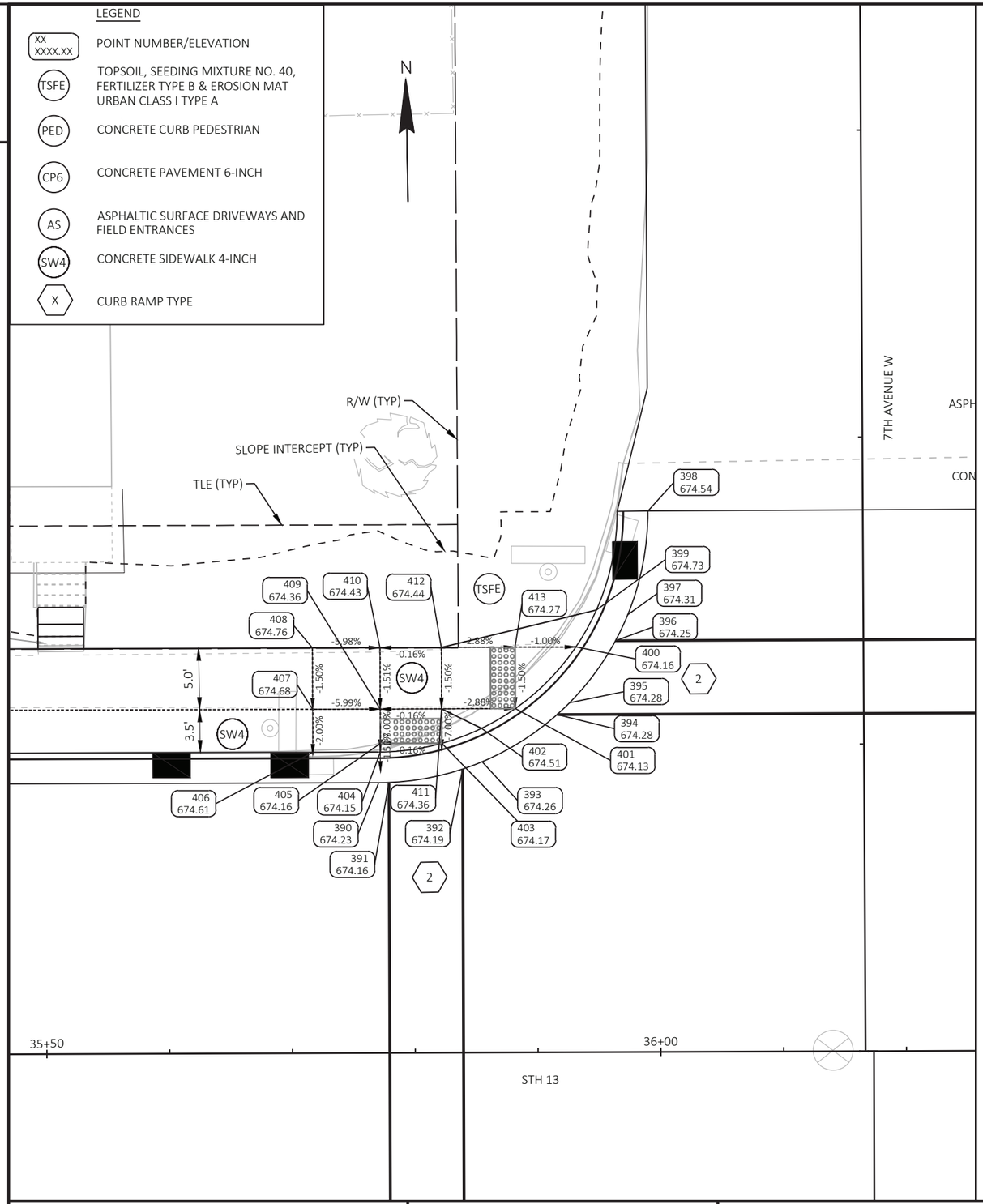
8TH AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
350	33+43.27	48.99' RT	672.93	487754.99	812130.15
351	33+45.42	38.65' RT	673.28	487765.30	812132.44
352	33+46.42	36.50' RT	673.29	487767.43	812133.48
353	33+50.69	30.50' RT	673.34	487773.37	812137.83
354	33+51.27	29.90' RT	673.34	487773.96	812138.42
355	33+59.23	24.40' RT	673.41	487779.35	812146.46
356	33+60.03	24.05' RT	673.41	487779.68	812147.26
357	33+65.23	22.49' RT	673.43	487781.17	812152.49
358	33+70.35	22.00' RT	673.45	487781.59	812157.62
359	33+69.69	24.51' RT	673.84	487779.09	812156.92
360	33+64.73	25.15' RT	673.35	487778.52	812151.95
361	33+59.73	26.92' RT	673.32	487776.82	812146.93
362	33+56.84	28.56' RT	673.63	487775.22	812144.01
363	33+53.73	31.00' RT	673.27	487772.83	812140.87
364	33+49.59	36.00' RT	673.23	487767.89	812136.65
365	33+48.15	38.64' RT	673.71	487765.27	812135.18
366	33+53.73	36.00' RT	673.29	487767.83	812140.80
367	33+64.73	26.92' RT	673.37	487776.75	812151.93
368	33+69.69	26.92' RT	673.87	487776.68	812156.88
369	33+84.73	28.00' RT	673.90	487775.39	812171.91
370	33+85.11	33.00' RT	673.98	487770.38	812172.21
371	33+79.47	28.79' RT	673.93	487774.67	812166.64
372	33+80.22	33.73' RT	674.00	487769.72	812167.31
373	33+74.58	29.52' RT	673.96	487774.01	812161.74
374	33+75.32	34.47' RT	674.03	487769.05	812162.41
375	33+69.69	30.26' RT	673.93	487773.34	812156.84
376	33+70.43	35.20' RT	674.01	487768.39	812157.51
377	33+64.73	31.00' RT	673.66	487772.67	812151.87
378	33+65.11	36.00' RT	673.70	487767.67	812152.17
379	33+64.73	36.00' RT	673.73	487767.67	812151.80
380	33+59.73	31.00' RT	673.61	487772.74	812146.87
381	33+59.73	36.00' RT	673.66	487767.74	812146.80

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 8TH AVENUE SE	SHEET 34	E

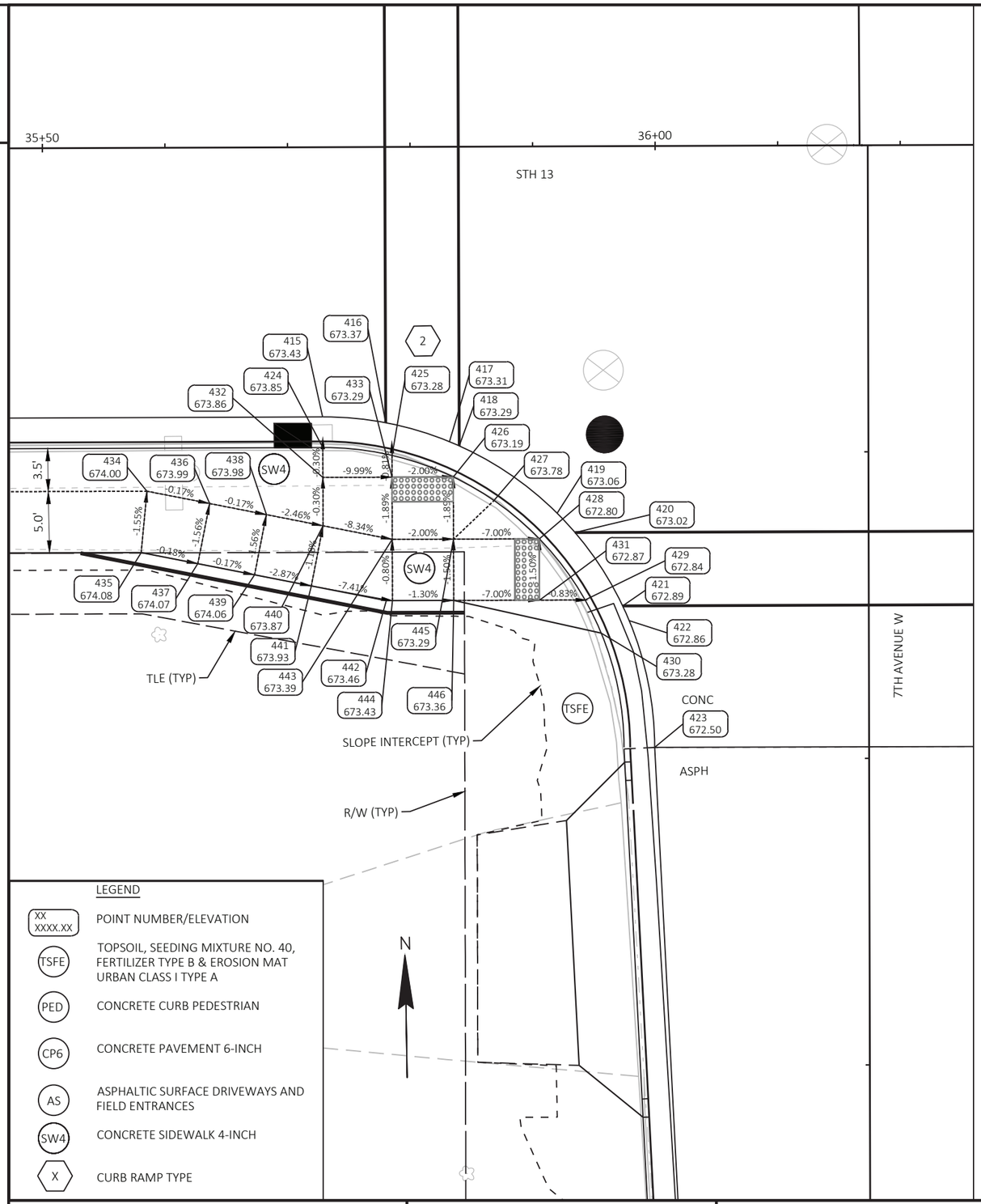
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 8TH AVENUE SE

PLOT DATE : 4/28/2023 1:55 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



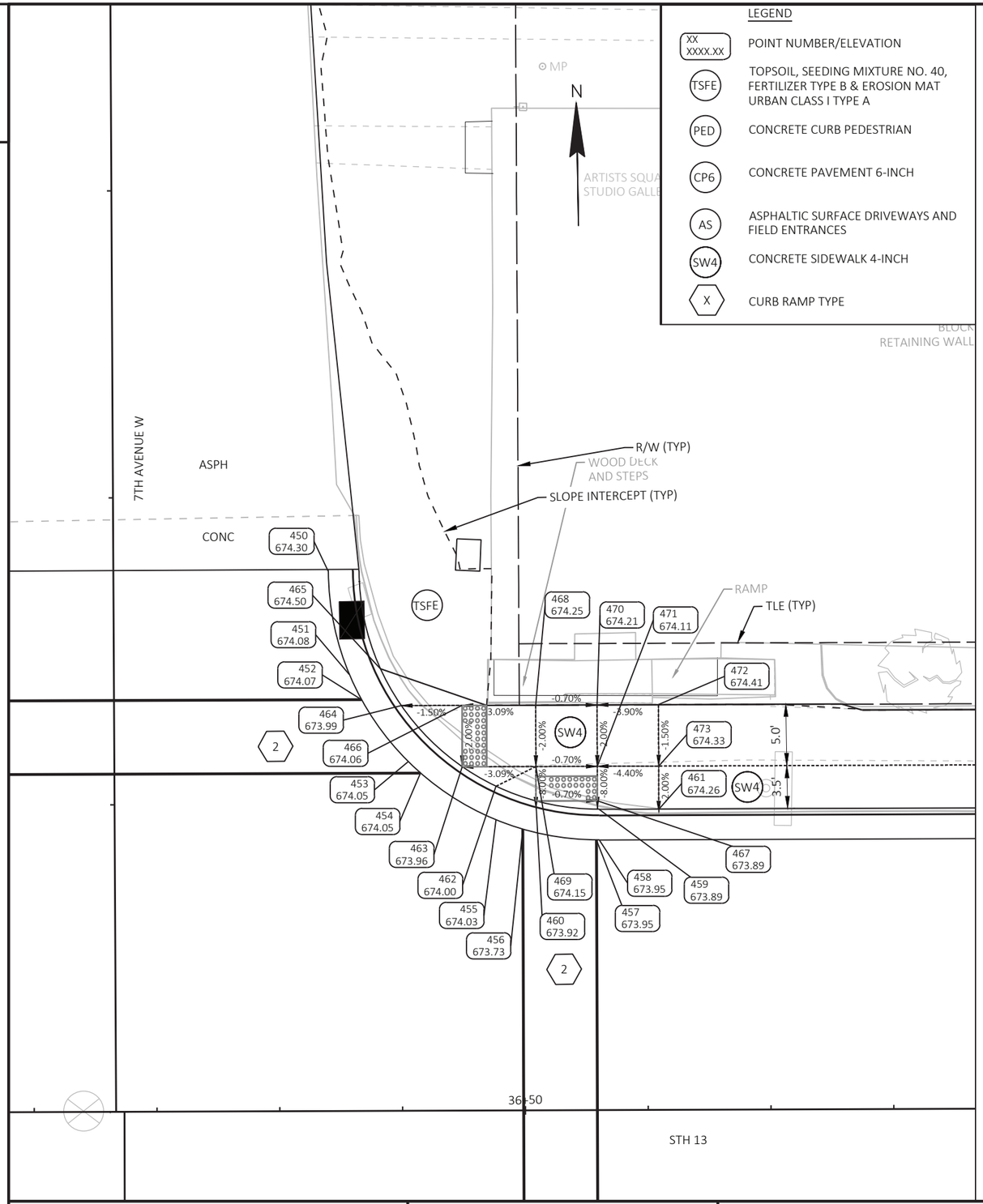
7TH AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
390	35+77.10	22.00' LT	674.23	487822.65	812364.97
391	35+77.93	22.02' LT	674.16	487822.65	812365.80
392	35+83.93	23.09' LT	674.19	487823.64	812371.81
393	35+85.53	23.68' LT	674.26	487824.21	812373.42
394	35+91.65	27.50' LT	674.28	487827.94	812379.59
395	35+92.67	28.46' LT	674.28	487828.88	812380.62
396	35+96.43	33.50' LT	674.25	487833.87	812384.46
397	35+97.44	35.61' LT	674.31	487835.97	812385.49
398	35+99.10	44.04' LT	674.54	487844.37	812387.28
399	35+94.88	36.00' LT	674.73	487836.39	812382.95
400	35+93.20	33.00' LT	674.16	487833.42	812381.22
401	35+88.25	28.00' LT	674.13	487828.49	812376.20
402	35+85.49	26.40' LT	674.51	487826.92	812373.41
403	35+82.25	25.19' LT	674.17	487825.77	812370.16
404	35+77.25	24.50' LT	674.15	487825.15	812365.15
405	35+77.25	25.19' LT	674.16	487825.84	812365.16
406	35+71.75	24.50' LT	674.61	487825.22	812359.65
407	35+71.75	28.00' LT	674.68	487828.72	812359.70
408	35+71.75	33.00' LT	674.76	487833.72	812359.77
409	35+77.25	28.00' LT	674.36	487828.64	812365.20
410	35+77.25	33.00' LT	674.43	487833.64	812365.27
411	35+82.25	28.00' LT	674.36	487828.57	812370.20
412	35+82.25	33.00' LT	674.44	487833.57	812370.27
413	35+88.25	33.00' LT	674.27	487833.49	812376.27



7TH AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
415	35+72.79	22.00' RT	673.43	487778.71	812360.03
416	35+77.93	22.49' RT	673.37	487778.15	812365.17
417	35+83.13	24.06' RT	673.31	487776.51	812370.34
418	35+83.93	24.41' RT	673.29	487776.15	812371.14
419	35+91.89	29.92' RT	673.06	487770.52	812379.02
420	35+93.35	31.50' RT	673.02	487768.92	812380.46
421	35+97.22	37.50' RT	672.89	487762.87	812384.24
422	35+97.75	38.69' RT	672.86	487761.67	812384.75
423	35+99.79	49.04' RT	672.50	487751.30	812386.64
424	35+72.79	24.50' RT	673.85	487776.21	812360.00
425	35+78.43	25.16' RT	673.28	487775.47	812365.63
426	35+83.43	26.93' RT	673.19	487773.63	812370.60
427	35+86.75	28.87' RT	673.78	487771.65	812373.89
428	35+90.43	32.00' RT	672.80	487768.46	812377.53
429	35+94.15	37.00' RT	672.84	487763.41	812381.18
430	35+95.46	39.70' RT	673.28	487760.69	812382.44
431	35+90.43	37.00' RT	672.87	487763.46	812377.46
432	35+72.79	26.93' RT	673.86	487773.78	812359.96
433	35+78.43	26.93' RT	673.29	487773.70	812365.60
434	35+58.43	28.00' RT	674.00	487772.92	812345.59
435	35+57.94	33.00' RT	674.08	487767.93	812345.02
436	35+63.54	29.02' RT	673.99	487771.82	812350.68
437	35+62.56	33.92' RT	674.07	487766.94	812349.63
438	35+68.17	29.95' RT	673.98	487770.83	812355.30
439	35+67.19	34.85' RT	674.06	487765.94	812354.25
440	35+72.79	30.87' RT	673.87	487769.84	812359.91
441	35+71.81	35.77' RT	673.93	487764.95	812358.86
442	35+77.94	37.00' RT	673.46	487763.64	812364.97
443	35+78.43	32.00' RT	673.39	487768.63	812365.53
444	35+78.43	37.00' RT	673.43	487763.63	812365.46
445	35+83.43	32.00' RT	673.29	487768.56	812370.53
446	35+83.43	37.00' RT	673.36	487763.56	812370.46

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 7TH AVENUE SW	SHEET 36	E

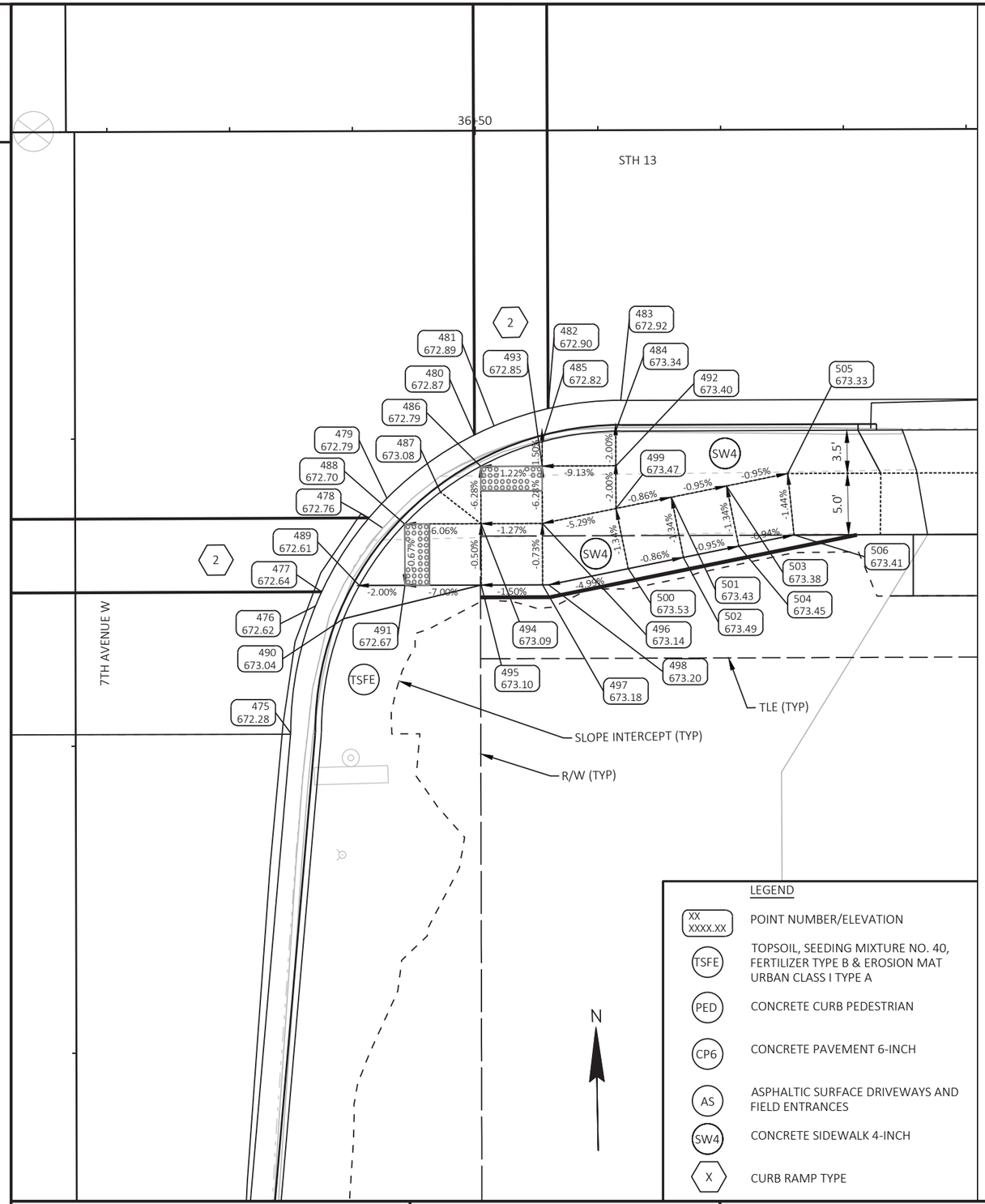
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 7TH AVENUE SW
PLOT DATE : 4/28/2023 1:58 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



7TH AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
450	36+34.10	43.96' LT	674.30	487843.80	812422.27
451	36+35.78	35.56' LT	674.08	487835.37	812423.84
452	36+36.77	33.50' LT	674.07	487833.30	812424.79
453	36+40.56	28.43' LT	674.05	487828.18	812428.51
454	36+41.55	27.50' LT	674.05	487827.23	812429.49
455	36+47.69	23.67' LT	674.03	487823.32	812435.57
456	36+49.87	22.90' LT	673.73	487822.51	812437.74
457	36+55.87	22.00' LT	673.95	487821.53	812443.73
458	36+56.10	22.00' LT	673.95	487821.52	812443.96
459	36+56.10	24.50' LT	673.89	487824.02	812443.99
460	36+50.95	25.19' LT	673.92	487824.79	812438.86
461	36+60.95	24.50' LT	674.26	487823.96	812448.85
462	36+47.70	26.40' LT	674.00	487826.04	812435.62
463	36+44.95	28.00' LT	673.96	487827.68	812432.90
464	36+40.00	33.00' LT	673.99	487832.75	812428.01
465	36+38.32	36.00' LT	674.50	487835.78	812426.38
466	36+44.96	33.00' LT	674.06	487832.68	812432.98
467	36+55.95	25.19' LT	673.89	487824.72	812443.86
468	36+50.95	33.00' LT	674.25	487832.60	812438.97
469	36+50.95	28.00' LT	674.15	487827.60	812438.90
470	36+55.95	33.00' LT	674.21	487832.53	812443.97
471	36+55.95	28.00' LT	674.11	487827.53	812443.90
472	36+60.95	33.00' LT	674.41	487832.45	812448.97
473	36+60.95	28.00' LT	674.33	487827.46	812448.90

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 7TH AVENUE NE	SHEET 37	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 7TH AVENUE NE
PLOT DATE : 4/28/2023 1:59 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



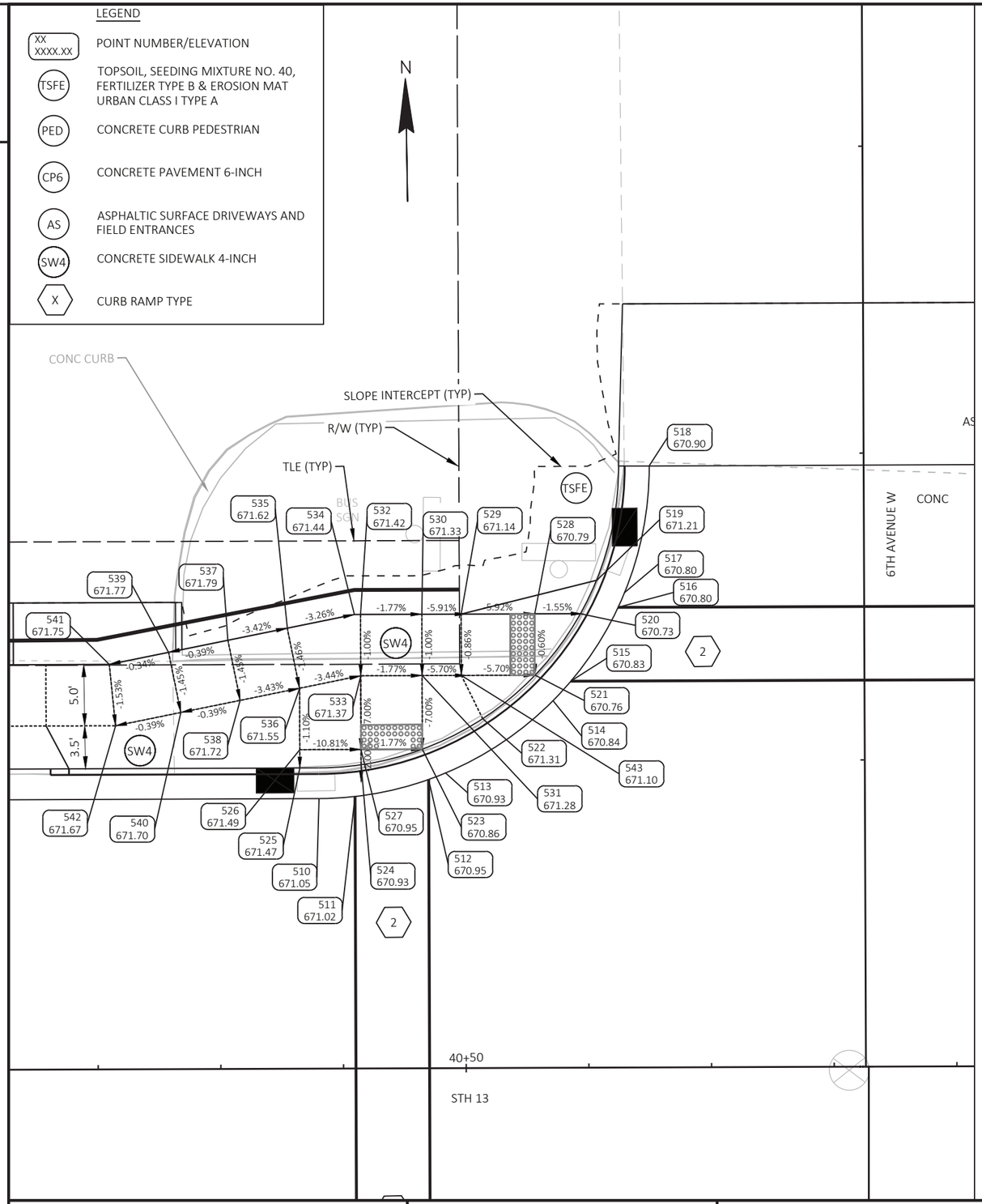
7TH AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
475	36+34.79	48.96' RT	672.28	487750.87	812421.64
476	36+36.86	38.64' RT	672.62	487761.16	812423.85
477	36+37.36	37.50' RT	672.64	487762.30	812424.38
478	36+41.23	31.50' RT	672.76	487768.24	812428.33
479	36+42.71	29.90' RT	672.79	487769.82	812429.83
480	36+49.87	24.77' RT	672.87	487774.84	812437.06
481	36+51.47	24.05' RT	672.89	487775.54	812438.67
482	36+55.87	22.66' RT	672.90	487776.88	812443.09
483	36+61.79	22.00' RT	672.92	487777.45	812449.02
484	36+61.37	24.50' RT	673.34	487774.95	812448.57
485	36+55.37	25.36' RT	672.82	487774.18	812442.55
486	36+50.37	27.33' RT	672.79	487772.29	812437.53
487	36+47.07	29.41' RT	673.08	487770.24	812434.20
488	36+44.15	32.00' RT	672.70	487767.70	812431.24
489	36+40.43	37.00' RT	672.61	487762.75	812427.45
490	36+39.12	39.70' RT	673.04	487760.07	812426.11
491	36+44.15	37.00' RT	672.67	487762.70	812431.17
492	36+61.37	27.34' RT	673.40	487772.12	812448.53
493	36+55.37	27.33' RT	672.85	487772.21	812442.53
494	36+50.37	32.00' RT	673.09	487767.61	812437.46
495	36+50.37	37.00' RT	673.10	487762.61	812437.39
496	36+55.37	32.00' RT	673.14	487767.54	812442.46
497	36+55.37	37.00' RT	673.18	487762.54	812442.39
498	36+55.86	37.00' RT	673.20	487762.53	812442.88
499	36+61.37	30.80' RT	673.47	487768.66	812448.48
500	36+62.35	35.70' RT	673.53	487763.74	812449.39
501	36+65.87	29.90' RT	673.43	487769.49	812452.99
502	36+66.85	34.80' RT	673.49	487764.57	812453.90
503	36+70.38	29.00' RT	673.38	487770.33	812457.51
504	36+71.36	33.90' RT	673.45	487765.41	812458.42
505	36+75.37	28.00' RT	673.33	487771.26	812462.51
506	36+75.86	33.00' RT	673.41	487766.25	812462.94

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 7TH AVENUE SE	SHEET 38	E

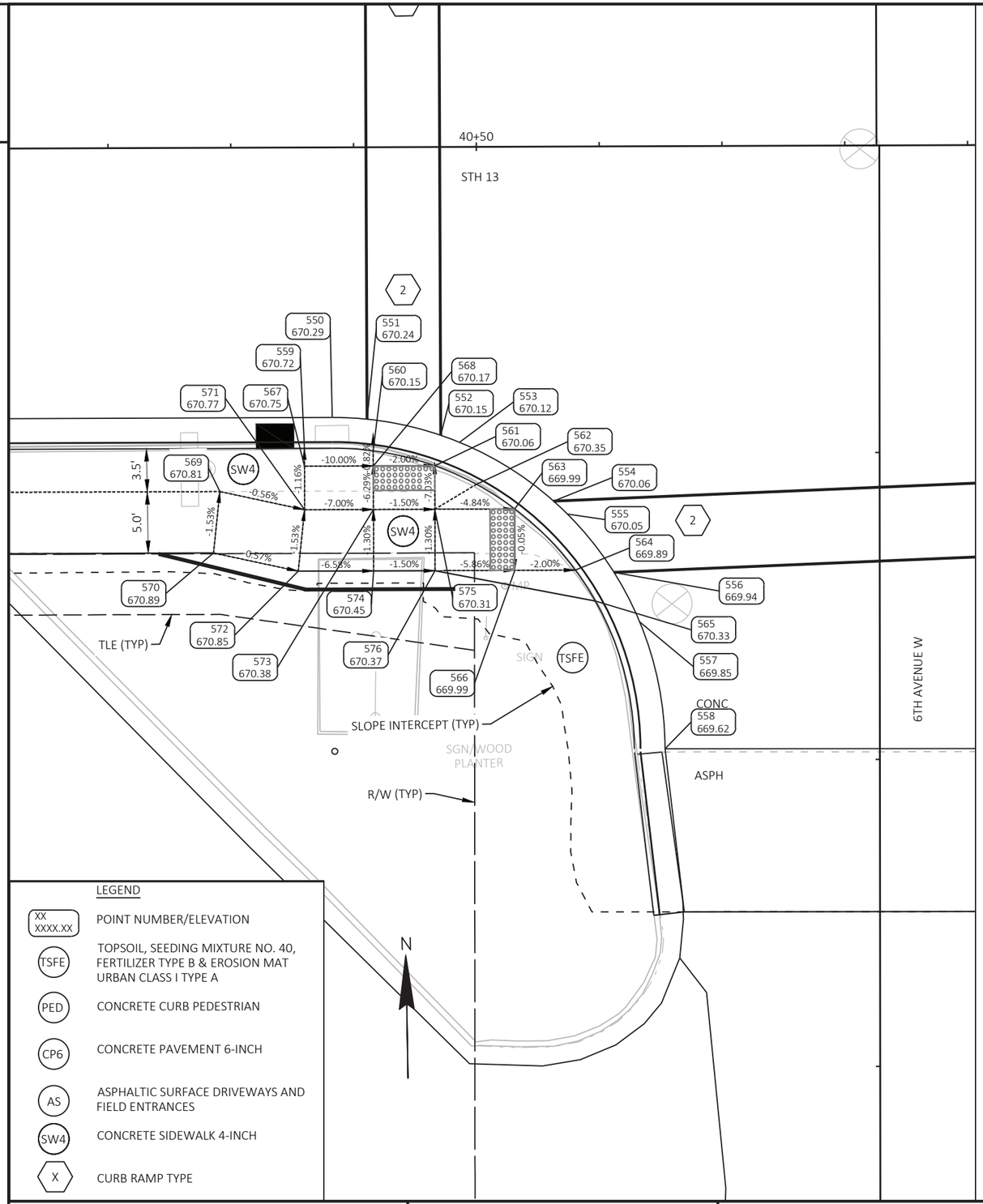
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 7TH AVENUE SE
PLOT DATE : 4/28/2023 2:00 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

- XX / XXXX.XX — POINT NUMBER/ELEVATION
- TSFE — TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
- PED — CONCRETE CURB PEDESTRIAN
- CP6 — CONCRETE PAVEMENT 6-INCH
- AS — ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- SW4 — CONCRETE SIDEWALK 4-INCH
- X — CURB RAMP TYPE



6TH AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
510	40+38.07	22.00' LT	671.05	487816.10	812825.89
511	40+41.01	22.16' LT	671.02	487816.21	812828.83
512	40+47.01	23.52' LT	670.95	487817.49	812834.85
513	40+48.41	24.06' LT	670.93	487818.00	812836.25
514	40+57.17	29.91' LT	670.84	487823.73	812845.10
515	40+58.63	31.50' LT	670.83	487825.30	812846.58
516	40+62.50	37.50' LT	670.80	487831.25	812850.54
517	40+63.02	38.67' LT	670.80	487832.41	812851.07
518	40+65.07	49.01' LT	670.90	487842.72	812853.27
519	40+60.71	39.63' LT	671.21	487833.40	812848.78
520	40+59.43	37.00' LT	670.73	487830.79	812847.46
521	40+55.71	32.00' LT	670.76	487825.84	812843.67
522	40+51.44	28.47' LT	671.31	487822.37	812839.35
523	40+46.51	26.00' LT	670.86	487819.97	812834.39
524	40+41.51	24.74' LT	670.93	487818.79	812829.37
525	40+36.52	24.50' LT	671.47	487818.62	812824.37
526	40+36.52	26.00' LT	671.49	487820.12	812824.39
527	40+41.51	26.00' LT	670.95	487820.05	812829.39
528	40+55.71	37.00' LT	670.79	487830.84	812843.74
529	40+49.71	37.00' LT	671.14	487830.93	812837.74
530	40+46.51	37.00' LT	671.33	487830.97	812834.54
531	40+46.51	32.00' LT	671.28	487825.97	812834.47
532	40+41.51	37.00' LT	671.42	487831.04	812829.54
533	40+41.51	32.00' LT	671.37	487826.05	812829.47
534	40+41.02	37.00' LT	671.44	487831.05	812829.05
535	40+35.54	35.90' LT	671.62	487830.03	812823.55
536	40+36.52	31.00' LT	671.55	487825.12	812824.47
537	40+30.70	34.94' LT	671.79	487829.13	812818.70
538	40+31.68	30.03' LT	671.72	487824.22	812819.61
539	40+25.86	33.97' LT	671.77	487828.24	812813.85
540	40+26.84	29.07' LT	671.70	487823.32	812814.76
541	40+21.02	33.00' LT	671.75	487827.34	812808.99
542	40+21.51	28.00' LT	671.67	487822.33	812809.42
543	40+49.71	32.00' LT	671.10	487825.93	812837.67



LEGEND

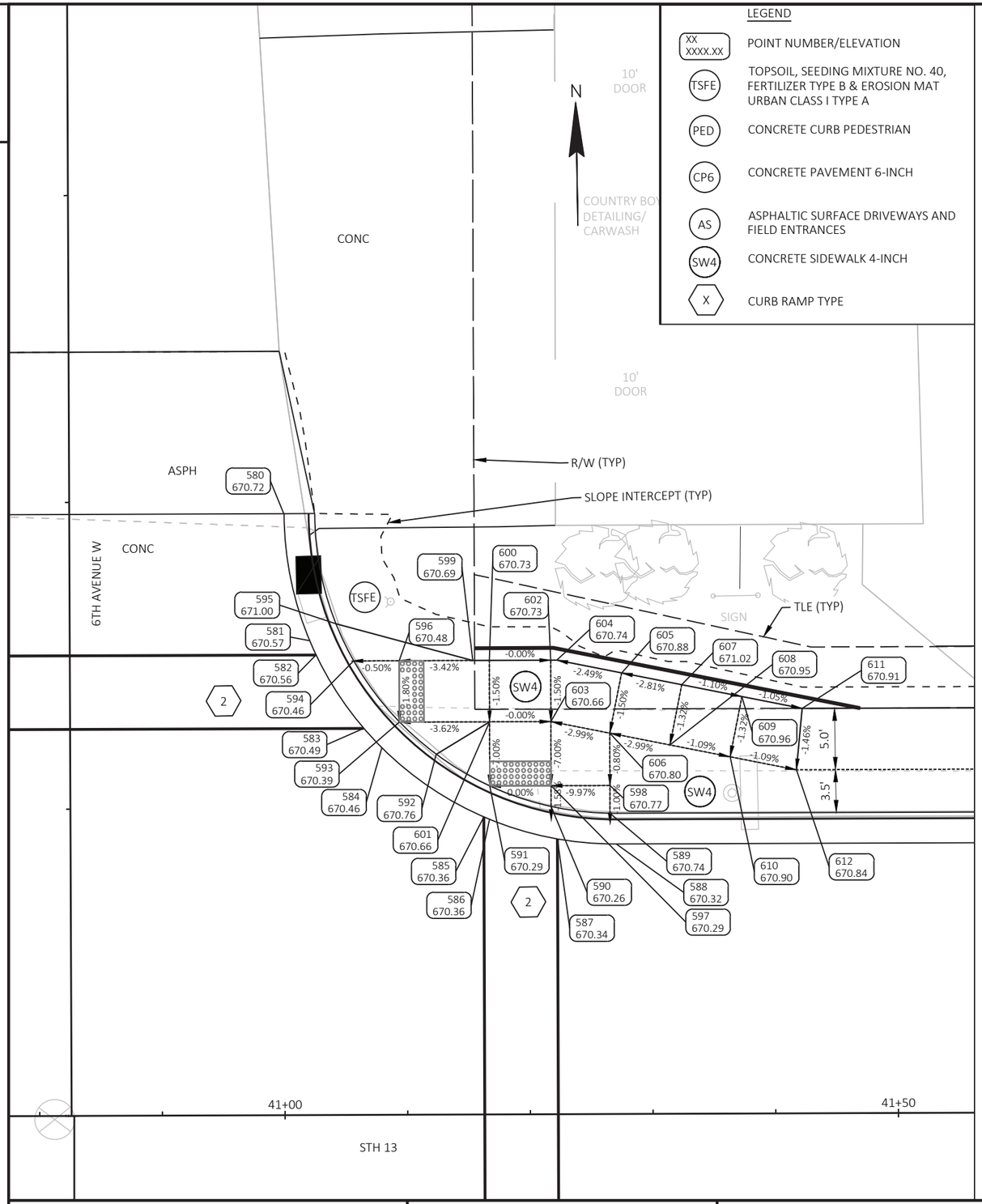
XX XXXX.XX	POINT NUMBER/ELEVATION
TSFE	TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
PED	CONCRETE CURB PEDESTRIAN
CP6	CONCRETE PAVEMENT 6-INCH
AS	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
SW4	CONCRETE SIDEWALK 4-INCH
X	CURB RAMP TYPE

6TH AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
550	40+38.18	22.00' RT	670.29	487772.10	812825.37
551	40+41.01	22.15' RT	670.24	487771.91	812828.20
552	40+47.01	23.49' RT	670.15	487770.49	812834.18
553	40+48.53	24.06' RT	670.12	487769.89	812835.69
554	40+56.18	28.87' RT	670.06	487764.97	812843.27
555	40+57.30	29.93' RT	670.05	487763.89	812844.38
556	40+61.07	34.69' RT	669.94	487759.09	812848.09
557	40+63.14	38.72' RT	669.85	487755.03	812850.10
558	40+65.18	49.07' RT	669.62	487744.65	812851.99
559	40+35.91	24.50' RT	670.72	487769.63	812823.07
560	40+41.51	24.73' RT	670.15	487769.32	812828.67
561	40+46.51	25.96' RT	670.06	487768.02	812833.65
562	40+49.90	27.48' RT	670.35	487766.45	812837.01
563	40+53.01	29.50' RT	669.99	487764.39	812840.10
564	40+57.93	34.50' RT	669.89	487759.32	812844.94
565	40+59.55	37.02' RT	670.33	487756.77	812846.53
566	40+53.01	34.50' RT	669.99	487759.39	812840.03
567	40+35.91	25.95' RT	670.75	487768.18	812823.05
568	40+41.51	25.96' RT	670.17	487768.09	812828.65
569	40+29.01	28.00' RT	670.81	487766.23	812816.12
570	40+28.47	33.00' RT	670.89	487761.24	812815.51
571	40+35.91	29.50' RT	670.77	487764.63	812822.99
572	40+35.37	34.50' RT	670.85	487759.64	812822.39
573	40+41.51	29.50' RT	670.38	487764.55	812828.60
574	40+41.51	34.50' RT	670.45	487759.55	812828.53
575	40+46.51	29.50' RT	670.31	487764.48	812833.60
576	40+46.51	34.50' RT	670.37	487759.48	812833.53

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 6TH AVENUE SW	SHEET 40	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 6TH AVENUE SW

PLOT DATE : 4/28/2023 2:03 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT

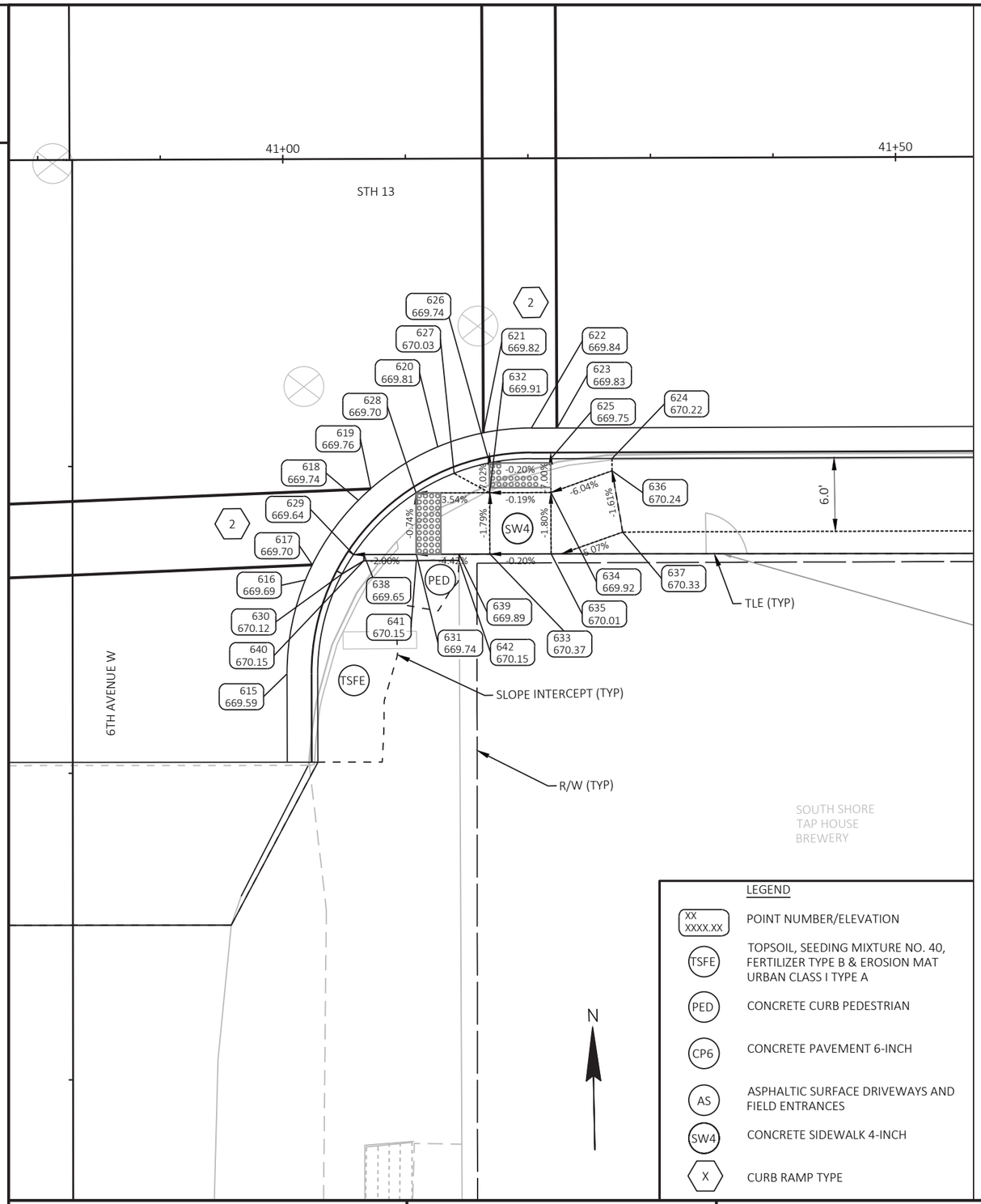


6TH AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
580	41+00.07	48.99' LT	670.72	487842.20	812888.27
581	41+02.13	38.66' LT	670.57	487831.84	812890.18
582	41+02.64	37.50' LT	670.56	487830.68	812890.68
583	41+06.51	31.50' LT	670.49	487824.62	812894.46
584	41+07.98	29.90' LT	670.46	487823.01	812895.91
585	41+16.27	24.25' LT	670.36	487817.24	812904.12
586	41+16.74	24.05' LT	670.36	487817.03	812904.58
587	41+22.27	22.43' LT	670.34	487815.33	812910.09
588	41+27.07	22.00' LT	670.32	487814.83	812914.88
589	41+26.57	24.51' LT	670.74	487817.34	812914.42
590	41+21.77	25.08' LT	670.26	487817.98	812909.63
591	41+16.77	26.77' LT	670.29	487819.74	812904.65
592	41+12.42	29.36' LT	670.76	487822.40	812900.34
593	41+09.43	32.00' LT	670.39	487825.08	812897.38
594	41+05.71	37.00' LT	670.46	487830.13	812893.74
595	41+04.27	40.04' LT	671.00	487833.19	812892.34
596	41+09.43	37.00' LT	670.48	487830.08	812897.45
597	41+21.77	26.77' LT	670.29	487819.67	812909.65
598	41+26.57	26.77' LT	670.77	487819.61	812914.45
599	41+15.43	37.00' LT	670.69	487829.99	812903.45
600	41+16.77	37.00' LT	670.73	487829.97	812904.80
601	41+16.77	32.00' LT	670.66	487824.98	812904.73
602	41+21.77	37.00' LT	670.73	487829.90	812909.80
603	41+21.77	32.00' LT	670.66	487824.90	812909.73
604	41+22.27	37.00' LT	670.74	487829.90	812910.29
605	41+27.55	35.94' LT	670.88	487828.77	812915.56
606	41+26.57	31.04' LT	670.80	487823.88	812914.51
607	41+32.45	34.96' LT	671.02	487827.72	812920.45
608	41+31.47	30.06' LT	670.95	487822.83	812919.40
609	41+37.36	33.98' LT	670.96	487826.67	812925.34
610	41+36.38	29.08' LT	670.90	487821.78	812924.29
611	41+42.27	33.00' LT	670.91	487825.61	812930.23
612	41+41.77	28.00' LT	670.84	487820.62	812929.67

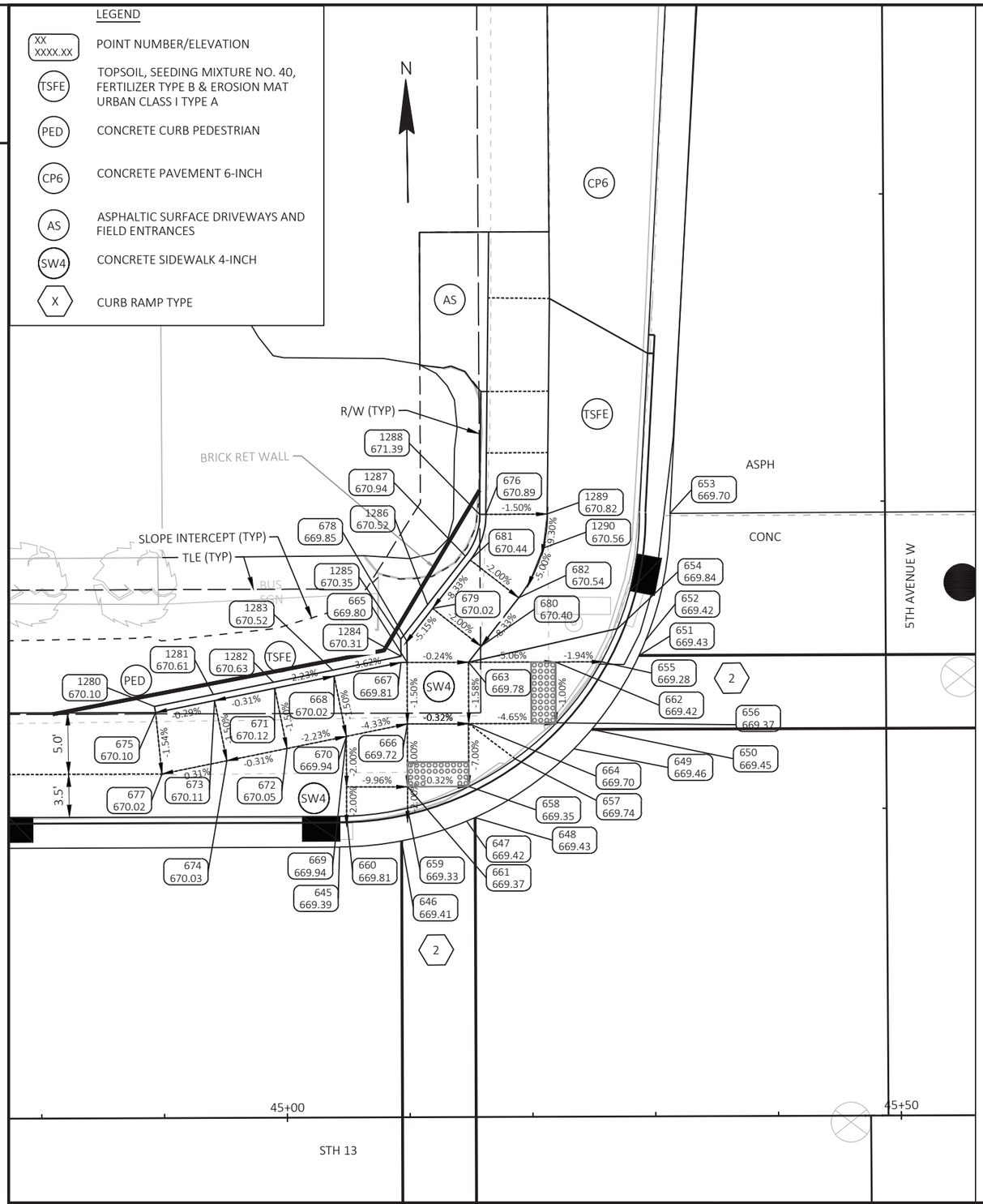
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 6TH AVENUE NE	SHEET 41	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 6TH AVENUE NE

PLOT DATE : 4/28/2023 2:04 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT



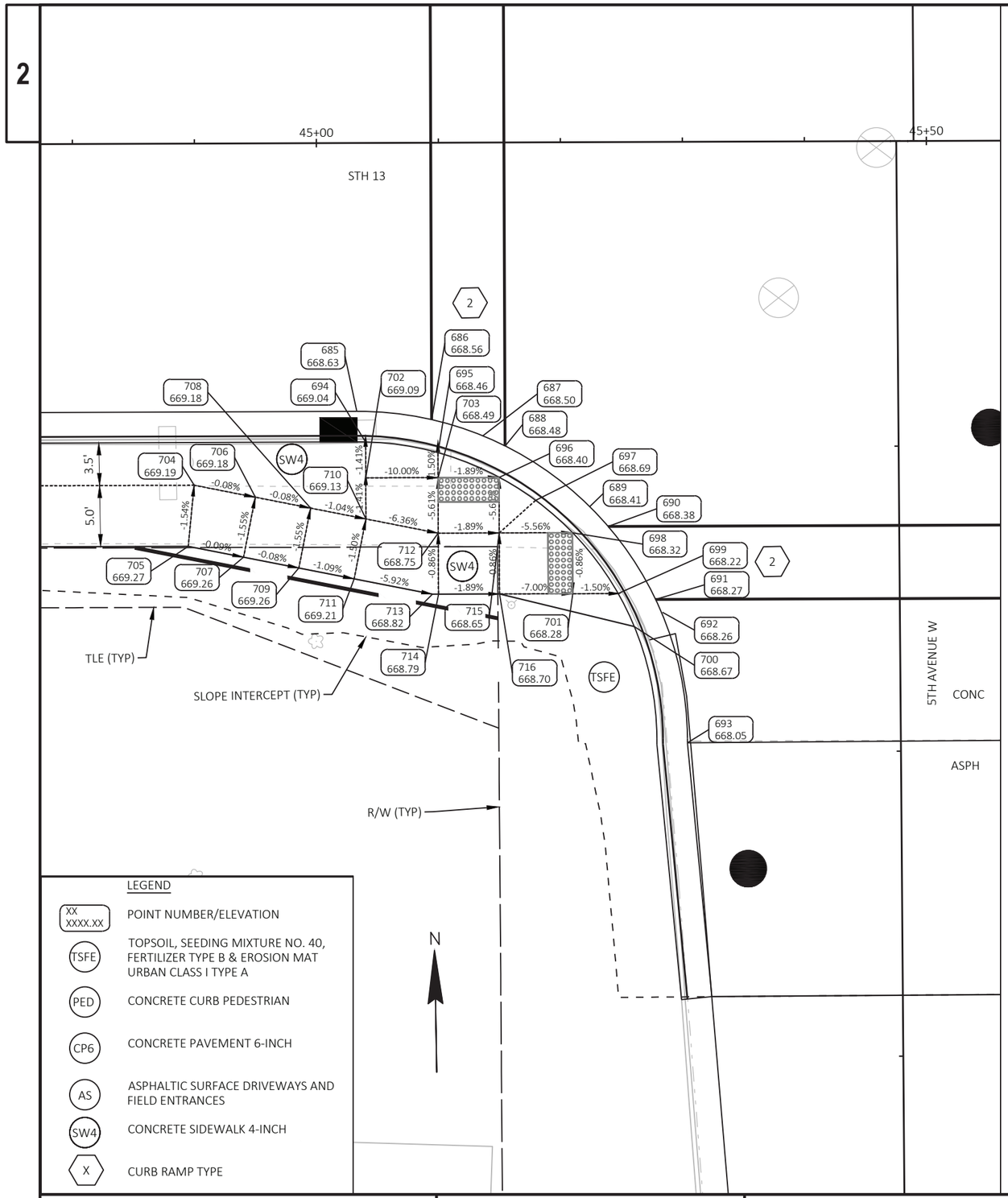
6TH AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
615	41+00.20	41.95' RT	669.59	487751.27	812887.10
616	41+01.74	34.31' RT	669.69	487758.89	812888.75
617	41+02.29	33.09' RT	669.70	487760.10	812889.32
618	41+06.07	27.84' RT	669.74	487765.29	812893.18
619	41+07.09	26.89' RT	669.76	487766.22	812894.21
620	41+12.56	23.52' RT	669.81	487769.52	812899.72
621	41+16.27	22.39' RT	669.82	487770.60	812903.46
622	41+20.20	22.00' RT	669.84	487770.93	812907.38
623	41+22.27	22.00' RT	669.83	487770.90	812909.46
624	41+26.77	24.50' RT	670.22	487768.34	812913.92
625	41+21.77	24.50' RT	669.75	487768.41	812908.92
626	41+16.77	24.84' RT	669.74	487768.14	812903.92
627	41+13.89	25.67' RT	670.03	487767.35	812901.03
628	41+10.77	27.25' RT	669.70	487765.81	812897.89
629	41+05.66	32.25' RT	669.64	487760.89	812892.70
630	41+04.73	33.82' RT	670.12	487759.33	812891.75
631	41+10.77	32.25' RT	669.74	487760.81	812897.82
632	41+16.77	27.25' RT	669.91	487765.73	812903.89
633	41+16.77	32.25' RT	670.37	487760.73	812903.81
634	41+21.77	27.25' RT	669.92	487765.66	812908.89
635	41+21.77	32.25' RT	670.01	487760.66	812908.81
636	41+26.77	25.50' RT	670.24	487767.34	812913.91
637	41+27.63	30.50' RT	670.33	487762.33	812914.69
638	41+06.50	32.25' RT	669.65	487760.87	812893.54
639	41+14.27	32.25' RT	669.89	487760.76	812901.31
640	41+06.50	32.75' RT	670.15	487760.37	812893.53
641	41+10.77	32.75' RT	670.15	487760.31	812897.81
642	41+14.27	32.75' RT	670.15	487760.26	812901.30



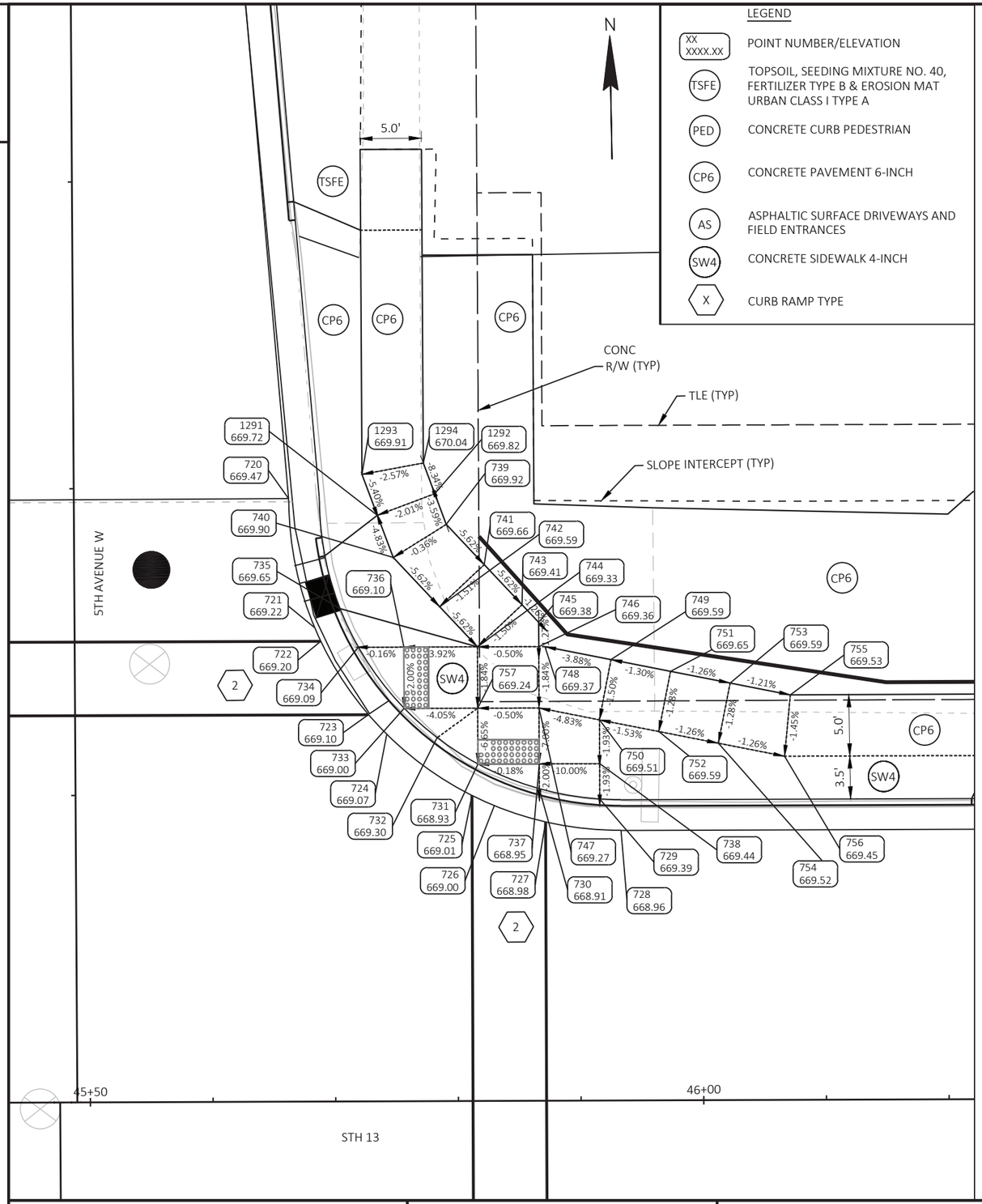
5TH AVENUE NW-1					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
645	45+04.33	22.00' LT	669.39	487809.47	813292.10
646	45+09.37	22.48' LT	669.41	487809.87	813297.15
647	45+14.67	24.06' LT	669.42	487811.38	813302.48
648	45+15.37	24.36' LT	669.43	487811.67	813303.18
649	45+23.44	29.93' LT	669.46	487817.13	813311.32
650	45+24.89	31.50' LT	669.45	487818.67	813312.79
651	45+28.76	37.50' LT	669.43	487824.62	813316.75
652	45+29.29	38.71' LT	669.42	487825.82	813317.30
653	45+31.33	49.06' LT	669.70	487836.14	813319.48
654	45+26.98	39.67' LT	669.84	487826.81	813315.00
655	45+25.69	37.00' LT	669.28	487824.16	813313.67
656	45+22.02	32.05' LT	669.37	487819.26	813309.93
657	45+18.65	29.12' LT	669.74	487816.39	813306.52
658	45+14.87	26.89' LT	669.35	487814.20	813302.71
659	45+09.87	25.14' LT	669.33	487812.52	813297.69
660	45+04.91	24.51' LT	669.81	487811.97	813292.71
661	45+09.87	26.89' LT	669.37	487814.27	813297.71
662	45+21.97	37.00' LT	669.42	487824.22	813309.95
663	45+14.87	37.00' LT	669.78	487824.32	813302.86
664	45+14.87	32.00' LT	669.70	487819.32	813302.79
665	45+09.87	37.00' LT	669.80	487824.39	813297.86
666	45+09.87	32.00' LT	669.72	487819.39	813297.79
667	45+09.38	37.00' LT	669.81	487824.39	813297.36
668	45+03.92	35.91' LT	670.02	487823.38	813291.90
669	45+04.91	31.01' LT	669.94	487818.46	813292.81
670	45+04.91	31.01' LT	669.94	487818.46	813292.81
671	44+99.09	34.94' LT	670.12	487822.48	813287.04
672	45+00.07	30.04' LT	670.05	487817.57	813287.95
673	44+94.18	33.96' LT	670.11	487821.57	813282.13
674	44+95.16	29.06' LT	670.03	487816.66	813283.04
675	44+89.38	33.00' LT	670.10	487820.68	813277.31
676	45+16.33	49.03' LT	670.89	487836.32	813304.49
677	44+89.87	28.00' LT	670.02	487815.67	813277.73
678	45+09.87	38.73' LT	669.85	487826.11	813297.88
679	45+11.96	41.39' LT	670.02	487828.75	813300.01

5TH AVENUE NW-1					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
680	45+15.90	38.30' LT	670.40	487825.61	813303.90
681	45+15.05	45.32' LT	670.44	487832.64	813303.15
682	45+18.98	42.24' LT	670.54	487829.49	813307.04
1280	44+89.28	33.49' LT	670.10	487821.17	813277.22
1281	44+94.09	34.45' LT	670.61	487822.06	813282.04
1282	44+98.99	35.43' LT	670.63	487822.97	813286.95
1283	45+03.83	36.40' LT	670.52	487823.87	813291.80
1284	45+09.37	37.51' LT	670.31	487824.90	813297.37
1285	45+09.37	38.90' LT	670.35	487826.29	813297.39
1286	45+11.57	41.70' LT	670.52	487829.06	813299.62
1287	45+14.66	45.63' LT	670.94	487832.95	813302.76
1288	45+15.83	49.03' LT	671.39	487836.33	813303.98
1289	45+21.33	49.04' LT	670.82	487836.26	813309.48
1290	45+20.97	46.26' LT	670.56	487833.49	813309.09

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 5TH AVENUE NW	SHEET 43	E

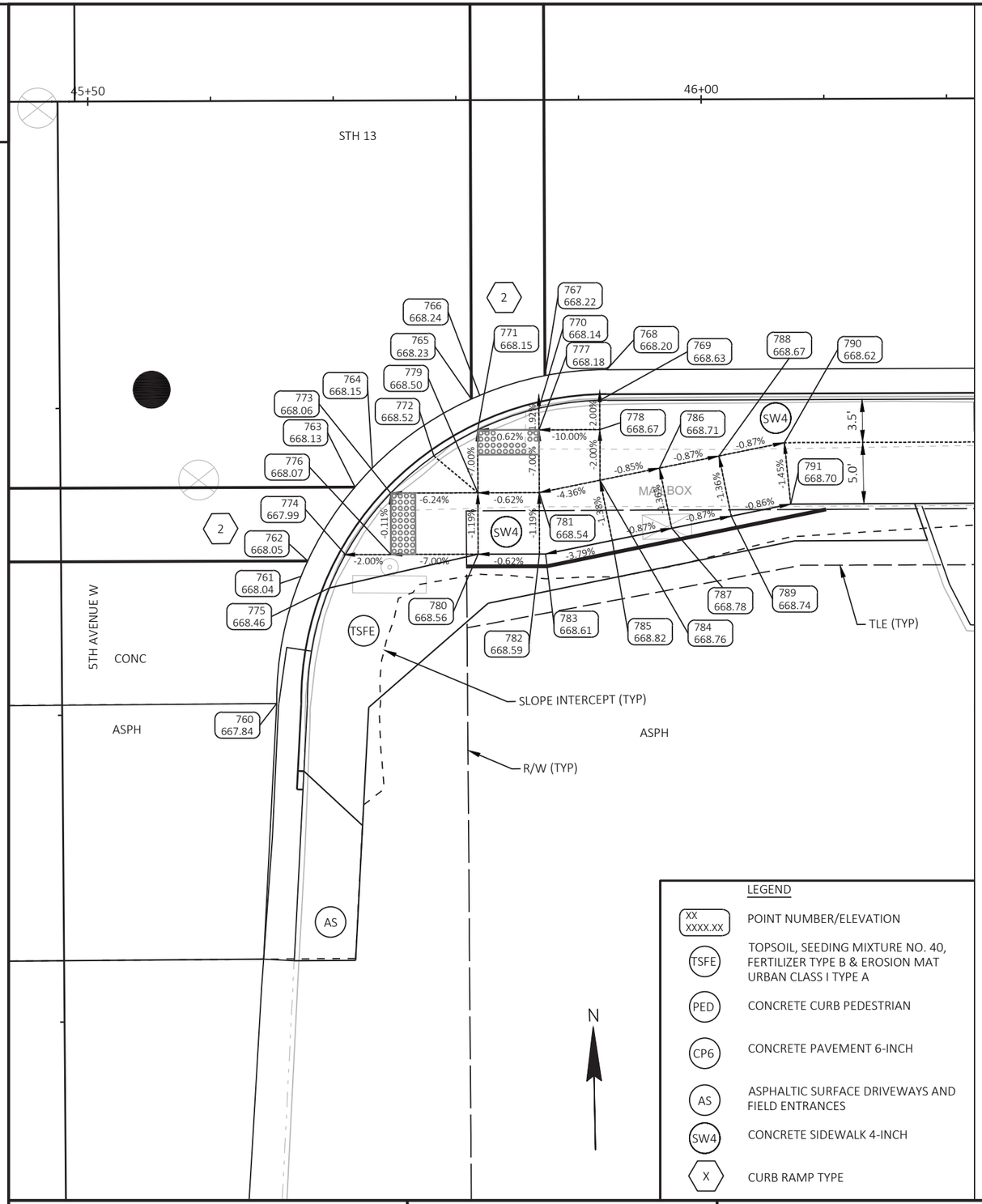


5TH AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
685	45+03.23	22.00' RT	668.63	487765.49	813290.38
686	45+09.37	22.71' RT	668.56	487764.69	813296.51
687	45+13.54	24.04' RT	668.50	487763.30	813300.65
688	45+15.37	24.88' RT	668.48	487762.43	813302.48
689	45+22.28	29.87' RT	668.41	487757.35	813309.32
690	45+23.79	31.50' RT	668.38	487755.70	813310.80
691	45+27.66	37.50' RT	668.27	487749.64	813314.58
692	45+28.22	38.55' RT	668.26	487748.58	813315.13
693	45+30.23	49.25' RT	668.05	487737.85	813316.99
694	45+03.95	24.51' RT	669.04	487762.97	813291.06
695	45+09.87	25.42' RT	668.46	487761.98	813296.97
696	45+14.87	27.44' RT	668.40	487759.88	813301.94
697	45+17.85	29.34' RT	668.69	487757.94	813304.89
698	45+20.87	32.00' RT	668.32	487755.24	813307.88
699	45+24.59	37.00' RT	668.22	487750.19	813311.52
700	45+25.90	39.70' RT	668.67	487747.47	813312.79
701	45+20.87	37.00' RT	668.28	487750.24	813307.81
702	45+03.95	27.44' RT	669.09	487760.04	813291.02
703	45+09.87	27.44' RT	668.49	487759.95	813296.94
704	44+89.87	28.00' RT	669.19	487759.68	813276.94
705	44+89.38	33.00' RT	669.27	487754.69	813276.37
706	44+94.89	29.00' RT	669.18	487758.60	813281.94
707	44+93.91	33.91' RT	669.26	487753.72	813280.89
708	44+99.42	29.91' RT	669.18	487757.63	813286.45
709	44+98.44	34.81' RT	669.26	487752.75	813285.40
710	45+03.95	30.82' RT	669.13	487756.66	813290.97
711	45+02.97	35.72' RT	669.21	487751.77	813289.92
712	45+09.87	32.00' RT	668.75	487755.39	813296.88
713	45+09.38	37.00' RT	668.82	487750.40	813296.31
714	45+09.87	37.00' RT	668.79	487750.39	813296.81
715	45+14.87	32.00' RT	668.65	487755.32	813301.88
716	45+14.87	37.00' RT	668.70	487750.32	813301.81



5TH AVENUE NE-1					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
720	45+66.33	49.14' LT	669.47	487835.73	813354.48
721	45+68.40	38.63' LT	669.22	487825.19	813356.40
722	45+68.90	37.50' LT	669.20	487824.05	813356.89
723	45+72.77	31.50' LT	669.10	487817.99	813360.67
724	45+74.26	29.89' LT	669.07	487816.36	813362.14
725	45+81.19	24.88' LT	669.01	487811.26	813368.99
726	45+83.01	24.05' LT	669.00	487810.40	813370.80
727	45+87.19	22.71' LT	668.98	487809.00	813374.96
728	45+93.33	22.00' LT	668.96	487808.20	813381.09
729	45+91.61	24.56' LT	669.39	487810.79	813379.41
730	45+86.69	25.42' LT	668.91	487811.71	813374.50
731	45+81.69	27.44' LT	668.93	487813.81	813369.53
732	45+78.36	29.60' LT	669.30	487816.02	813366.24
733	45+75.69	32.00' LT	669.00	487818.45	813363.59
734	45+71.97	37.00' LT	669.09	487823.50	813359.95
735	45+70.48	40.17' LT	669.65	487826.69	813358.50
736	45+75.69	37.00' LT	669.10	487823.45	813363.66
737	45+86.69	27.44' LT	668.95	487813.74	813374.53
738	45+91.61	27.44' LT	669.44	487813.67	813379.45
739	45+79.18	46.99' LT	669.92	487833.39	813367.30
740	45+74.84	44.30' LT	669.90	487830.76	813362.93
741	45+82.26	43.70' LT	669.66	487830.06	813370.33
742	45+78.61	40.28' LT	669.59	487826.69	813366.63
743	45+85.33	40.42' LT	669.41	487826.73	813373.36
744	45+81.69	37.00' LT	669.33	487823.37	813369.66
745	45+86.69	38.98' LT	669.38	487825.27	813374.69
746	45+86.69	37.00' LT	669.36	487823.30	813374.66
747	45+86.69	32.00' LT	669.27	487818.30	813374.59
748	45+87.18	37.00' LT	669.37	487823.29	813375.16
749	45+92.57	35.92' LT	669.59	487822.13	813380.53
750	45+91.61	31.01' LT	669.51	487817.24	813379.50
751	45+97.42	34.95' LT	669.65	487821.10	813385.37
752	45+96.44	30.05' LT	669.59	487816.21	813384.32
753	46+02.27	33.98' LT	669.59	487820.06	813390.20
754	46+01.29	29.08' LT	669.52	487815.17	813389.15

5TH AVENUE NE-1					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
755	46+07.18	33.00' LT	669.53	487819.00	813395.10
756	46+06.69	28.00' LT	669.45	487814.01	813394.53
757	45+81.69	32.00' LT	669.24	487818.37	813369.59
1291	45+73.56	47.75' LT	669.72	487834.23	813361.69
1292	45+78.25	49.49' LT	669.82	487835.90	813366.41
1293	45+72.32	51.09' LT	669.91	487837.59	813360.50
1294	45+77.32	51.99' LT	670.04	487838.42	813365.51



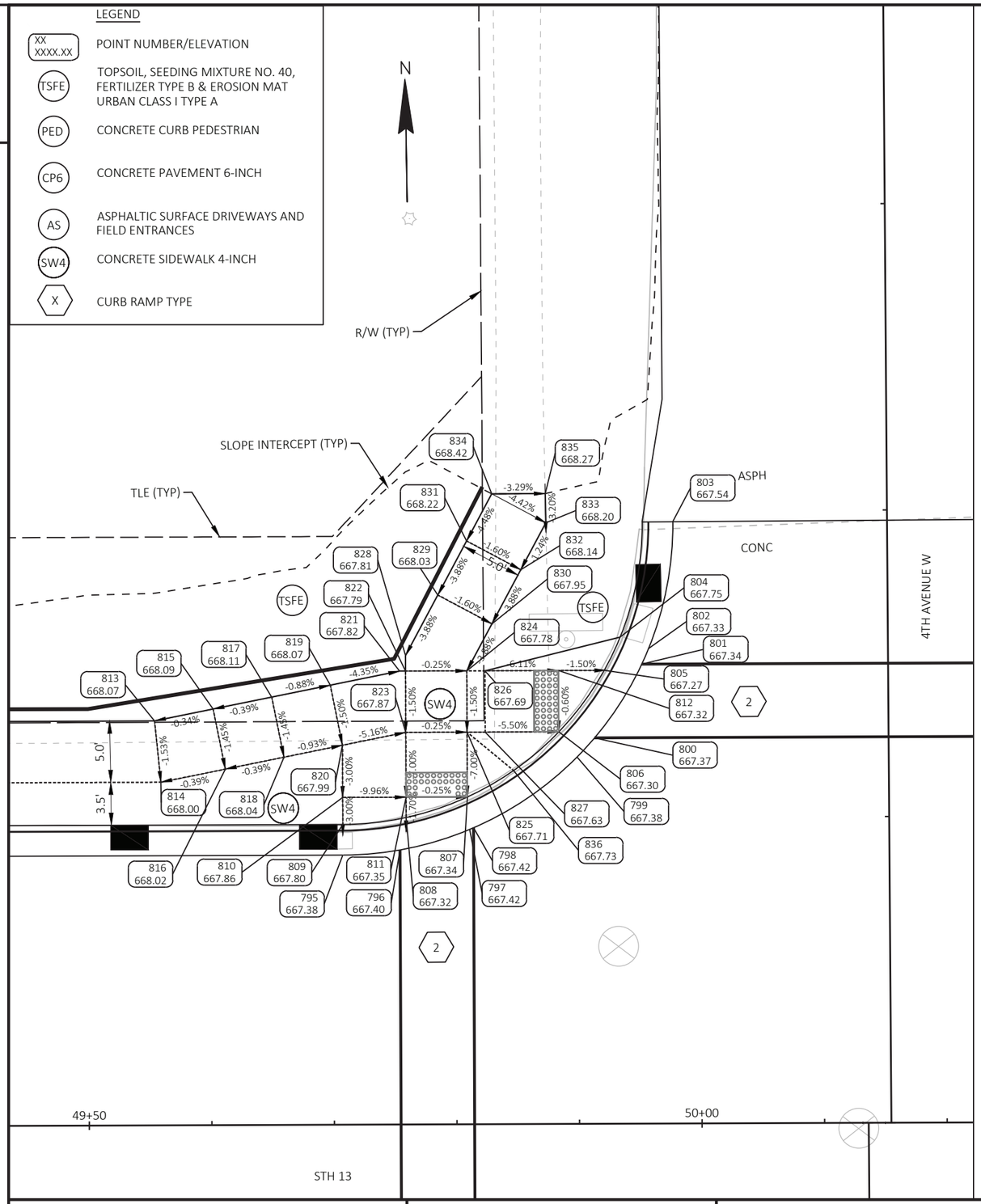
LEGEND

XX XXXX.XX	POINT NUMBER/ELEVATION
TSFE	TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
PED	CONCRETE CURB PEDESTRIAN
CP6	CONCRETE PAVEMENT 6-INCH
AS	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
SW4	CONCRETE SIDEWALK 4-INCH
X	CURB RAMP TYPE

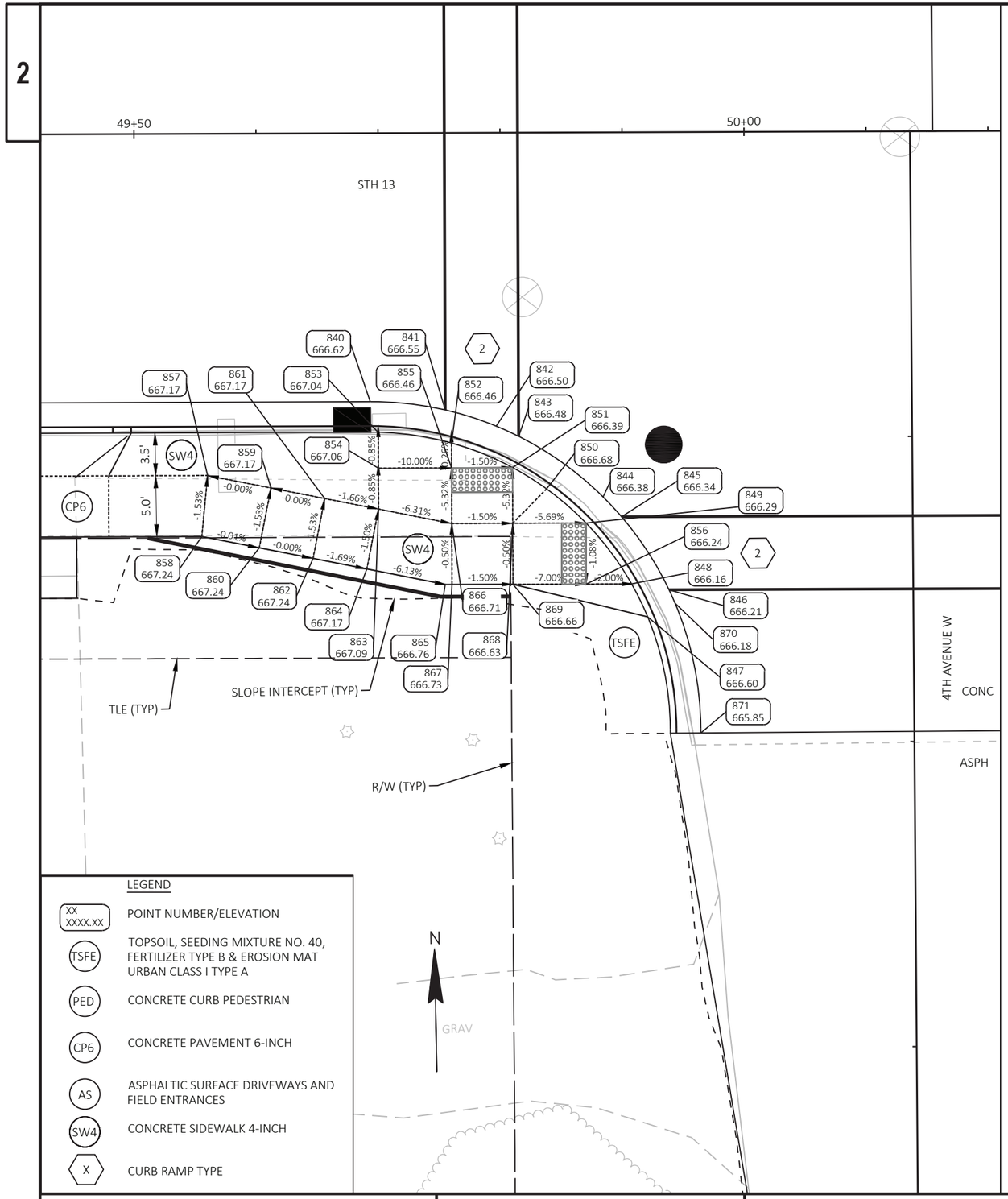
5TH AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
760	45+65.23	49.11' RT	667.84	487737.50	813351.99
761	45+67.26	38.74' RT	668.04	487747.83	813354.16
762	45+67.80	37.50' RT	668.05	487749.07	813354.72
763	45+71.67	31.50' RT	668.13	487755.02	813358.68
764	45+73.10	29.95' RT	668.15	487756.55	813360.13
765	45+81.19	24.36' RT	668.23	487762.02	813368.29
766	45+81.87	24.07' RT	668.24	487762.30	813368.98
767	45+87.19	22.48' RT	668.22	487763.82	813374.32
768	45+92.23	22.00' RT	668.20	487764.22	813379.37
769	45+91.65	24.51' RT	668.63	487761.72	813378.75
770	45+86.69	25.14' RT	668.14	487761.17	813373.78
771	45+81.69	26.89' RT	668.15	487759.49	813368.76
772	45+78.11	28.98' RT	668.52	487757.45	813365.15
773	45+74.59	32.00' RT	668.06	487754.47	813361.59
774	45+70.87	37.00' RT	667.99	487749.53	813357.80
775	45+69.57	39.70' RT	668.46	487746.85	813356.45
776	45+74.59	37.00' RT	668.07	487749.47	813361.52
777	45+86.69	26.89' RT	668.18	487759.42	813373.75
778	45+91.65	26.89' RT	668.67	487759.35	813378.71
779	45+81.69	32.00' RT	668.50	487754.37	813368.68
780	45+81.69	37.00' RT	668.56	487749.37	813368.61
781	45+86.69	32.00' RT	668.54	487754.30	813373.68
782	45+86.69	37.00' RT	668.59	487749.30	813373.61
783	45+87.18	37.00' RT	668.61	487749.30	813374.11
784	45+91.65	31.01' RT	668.76	487755.22	813378.66
785	45+92.63	35.91' RT	668.82	487750.31	813379.57
786	45+96.50	30.04' RT	668.71	487756.13	813383.52
787	45+97.48	34.94' RT	668.78	487751.21	813384.43
788	46+01.35	29.07' RT	668.67	487757.03	813388.39
789	46+02.33	33.97' RT	668.74	487752.11	813389.30
790	46+06.69	28.00' RT	668.62	487758.02	813393.74
791	46+07.18	33.00' RT	668.70	487753.01	813394.16

LEGEND

- XX / XXXX.XX — POINT NUMBER/ELEVATION
- TSFE — TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
- PED — CONCRETE CURB PEDESTRIAN
- CP6 — CONCRETE PAVEMENT 6-INCH
- AS — ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- SW4 — CONCRETE SIDEWALK 4-INCH
- X — CURB RAMP TYPE



4TH AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
795	49+70.76	22.00' LT	667.38	487802.84	813758.49
796	49+75.43	22.41' LT	667.40	487803.18	813763.16
797	49+81.12	24.07' LT	667.42	487804.76	813768.87
798	49+81.43	24.20' LT	667.42	487804.88	813769.19
799	49+89.89	29.94' LT	667.38	487810.51	813777.73
800	49+91.32	31.50' LT	667.37	487812.04	813779.18
801	49+95.19	37.50' LT	667.34	487817.99	813783.14
802	49+95.74	38.74' LT	667.33	487819.22	813783.70
803	49+97.76	49.10' LT	667.54	487829.55	813785.87
804	49+93.43	39.70' LT	667.75	487820.21	813781.41
805	49+92.12	37.00' LT	667.27	487817.53	813780.06
806	49+88.41	32.00' LT	667.30	487812.59	813776.27
807	49+80.93	26.71' LT	667.34	487807.40	813768.72
808	49+75.93	25.05' LT	667.32	487805.82	813763.70
809	49+70.76	24.50' LT	667.80	487805.34	813758.52
810	49+70.76	26.71' LT	667.86	487807.55	813758.56
811	49+75.93	26.71' LT	667.35	487807.47	813763.73
812	49+88.41	37.00' LT	667.32	487817.59	813776.34
813	49+55.44	33.00' LT	668.07	487814.05	813743.32
814	49+55.93	28.00' LT	668.00	487809.05	813743.75
815	49+60.22	33.96' LT	668.09	487814.94	813748.12
816	49+61.20	29.05' LT	668.02	487810.03	813749.03
817	49+65.00	34.91' LT	668.11	487815.83	813752.91
818	49+65.98	30.01' LT	668.04	487810.91	813753.82
819	49+69.78	35.87' LT	668.07	487816.72	813757.71
820	49+70.76	30.97' LT	667.99	487811.80	813758.62
821	49+75.44	37.00' LT	667.82	487817.77	813763.38
822	49+75.93	37.00' LT	667.79	487817.76	813763.87
823	49+75.93	32.00' LT	667.87	487812.76	813763.80
824	49+80.93	37.00' LT	667.78	487817.69	813768.87
825	49+80.93	32.00' LT	667.71	487812.69	813768.80
826	49+82.41	37.00' LT	667.69	487817.67	813770.34
827	49+82.41	32.00' LT	667.63	487812.67	813770.27
828	49+75.93	38.26' LT	667.81	487819.02	813763.89
829	49+78.59	43.20' LT	668.03	487823.92	813766.61
830	49+82.99	40.83' LT	667.95	487821.49	813770.98
831	49+80.95	47.60' LT	668.22	487828.29	813769.04
832	49+85.36	45.23' LT	668.14	487825.86	813773.41
833	49+87.42	49.06' LT	668.20	487829.66	813775.52
834	49+83.01	51.43' LT	668.42	487832.09	813771.15
835	49+87.37	51.45' LT	668.27	487832.04	813775.52
836	49+84.71	28.86' LT	667.73	487809.50	813772.54



LEGEND

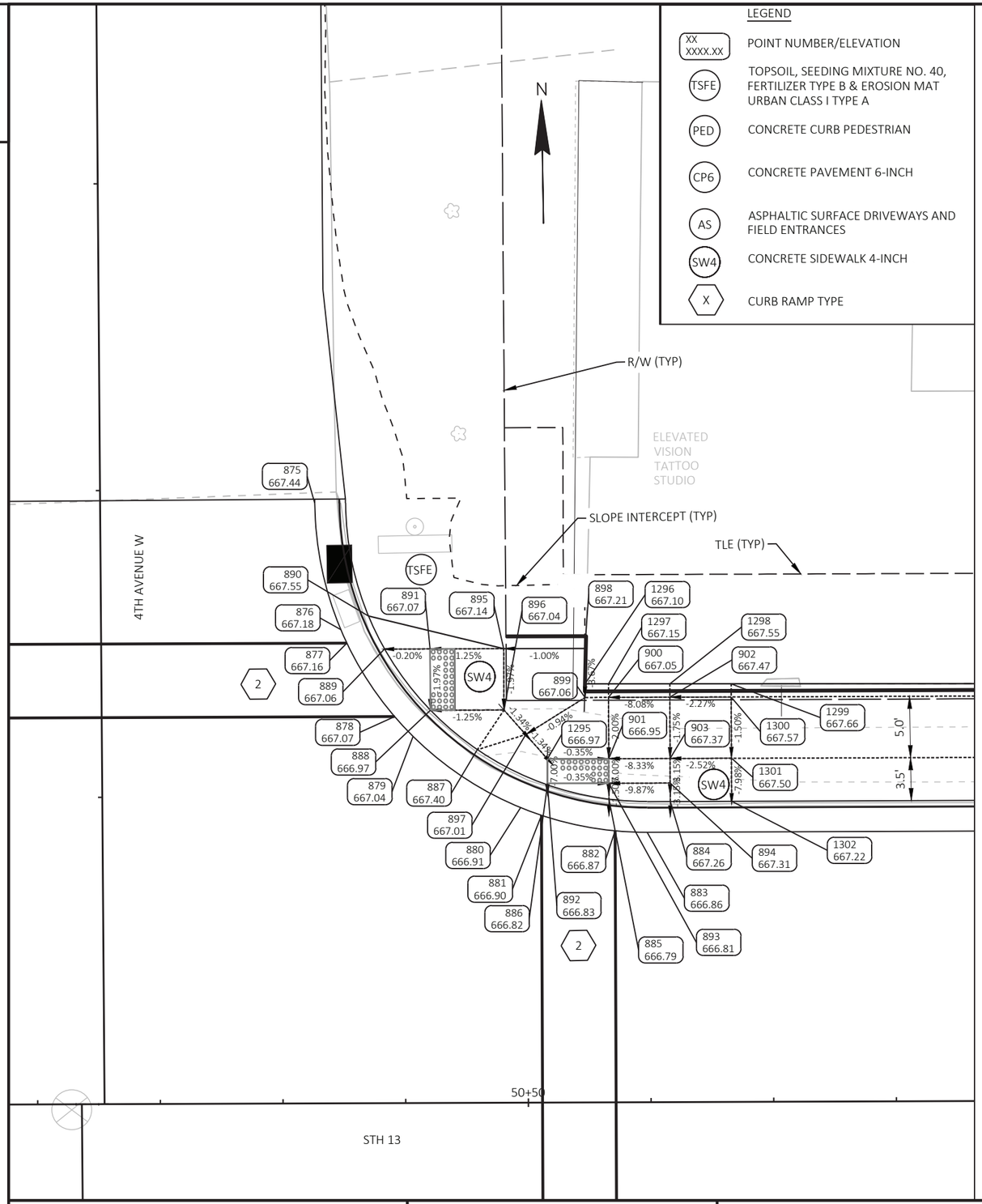
XX XXXX.XX	POINT NUMBER/ELEVATION
TSFE	TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
PED	CONCRETE CURB PEDESTRIAN
CP6	CONCRETE PAVEMENT 6-INCH
AS	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
SW4	CONCRETE SIDEWALK 4-INCH
X	CURB RAMP TYPE

4TH AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
840	49+69.29	22.00' RT	666.62	487758.86	813756.39
841	49+75.43	22.71' RT	666.55	487758.07	813762.52
842	49+79.60	24.05' RT	666.50	487756.67	813766.67
843	49+81.43	24.88' RT	666.48	487755.81	813768.49
844	49+88.35	29.87' RT	666.38	487750.72	813775.33
845	49+89.85	31.50' RT	666.34	487749.07	813776.82
846	49+93.72	37.50' RT	666.21	487743.02	813780.60
847	49+91.96	39.70' RT	666.60	487740.84	813778.80
848	49+90.65	37.00' RT	666.16	487743.56	813777.54
849	49+86.93	32.00' RT	666.29	487748.61	813773.89
850	49+83.71	29.19' RT	666.68	487751.47	813770.71
851	49+80.93	27.44' RT	666.39	487753.26	813767.96
852	49+75.93	25.42' RT	666.46	487755.35	813762.98
853	49+69.93	24.51' RT	667.04	487756.35	813757.00
854	49+69.93	27.44' RT	667.06	487753.41	813756.96
855	49+75.93	27.44' RT	666.46	487753.33	813762.96
856	49+86.93	37.00' RT	666.24	487743.61	813773.82
857	49+55.93	28.00' RT	667.17	487753.05	813742.95
858	49+55.44	33.00' RT	667.24	487748.06	813742.38
859	49+61.13	29.04' RT	667.17	487751.94	813748.13
860	49+60.14	33.94' RT	667.24	487747.05	813747.08
861	49+65.53	29.92' RT	667.17	487751.00	813752.52
862	49+64.55	34.82' RT	667.24	487746.11	813751.47
863	49+69.93	30.80' RT	667.09	487750.05	813756.91
864	49+68.95	35.70' RT	667.17	487745.17	813755.86
865	49+75.38	36.99' RT	666.76	487743.79	813762.27
866	49+75.93	32.00' RT	666.71	487748.77	813762.89
867	49+75.93	37.00' RT	666.73	487743.77	813762.82
868	49+80.93	32.00' RT	666.63	487748.70	813767.89
869	49+80.93	37.00' RT	666.66	487743.70	813767.82
870	49+94.21	38.59' RT	666.18	487741.92	813781.07
871	49+96.29	49.24' RT	665.85	487731.24	813783.00

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 4TH AVENUE SW	SHEET 48	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 4TH AVENUE SW

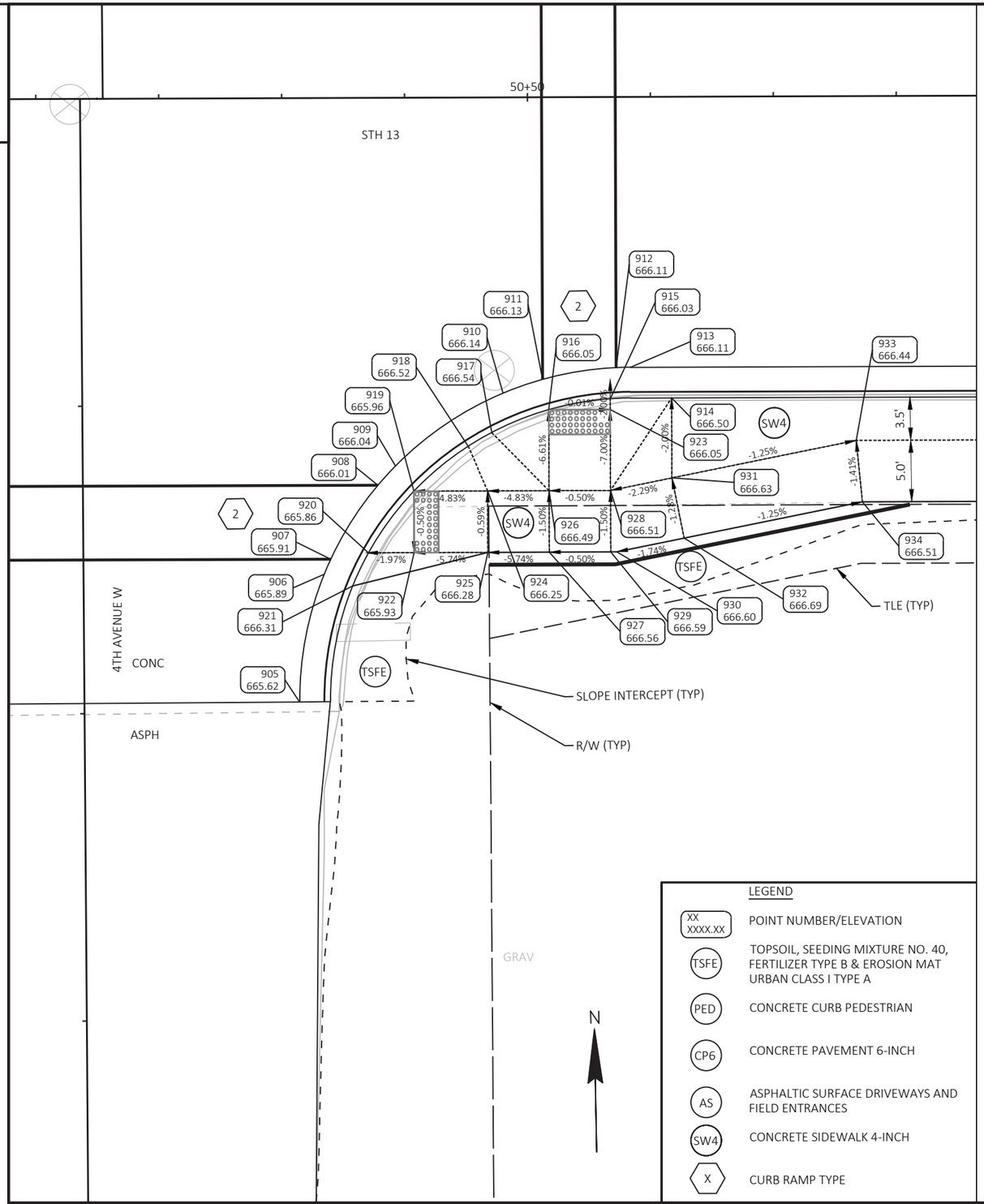
PLOT DATE : 4/28/2023 2:11 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT



4TH AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
875	50+32.76	48.90' LT	667.44	487828.85	813820.87
876	50+34.85	38.60' LT	667.18	487818.52	813822.80
877	50+35.34	37.50' LT	667.16	487817.42	813823.28
878	50+39.20	31.50' LT	667.07	487811.36	813827.06
879	50+40.71	29.87' LT	667.04	487809.71	813828.54
880	50+49.46	24.05' LT	666.91	487803.76	813837.20
881	50+51.15	23.41' LT	666.90	487803.11	813838.89
882	50+57.15	22.13' LT	666.87	487801.74	813844.87
883	50+59.76	22.00' LT	666.86	487801.57	813847.48
884	50+61.65	24.50' LT	667.26	487804.05	813849.40
885	50+56.65	24.70' LT	666.79	487804.32	813844.40
886	50+51.65	25.88' LT	666.82	487805.57	813839.42
887	50+45.94	28.77' LT	667.40	487808.54	813833.76
888	50+42.12	32.00' LT	666.97	487811.82	813829.98
889	50+38.40	37.00' LT	667.06	487816.87	813826.34
890	50+37.10	39.70' LT	667.55	487819.59	813825.07
891	50+42.12	37.00' LT	667.07	487816.82	813830.05
892	50+51.65	26.00' LT	666.83	487805.69	813839.42
893	50+56.65	26.00' LT	666.81	487805.62	813844.42
894	50+61.65	26.00' LT	667.31	487805.55	813849.42
895	50+48.12	37.00' LT	667.14	487816.74	813836.05
896	50+48.12	32.00' LT	667.04	487811.74	813835.98
897	50+49.89	30.00' LT	667.01	487809.71	813837.72
898	50+54.74	37.00' LT	667.21	487816.64	813842.67
899	50+54.74	33.00' LT	667.06	487812.64	813842.61
900	50+56.65	33.00' LT	667.05	487812.62	813844.52
901	50+56.65	28.00' LT	666.95	487807.62	813844.45
902	50+61.65	33.00' LT	667.47	487812.54	813849.52
903	50+61.65	28.00' LT	667.37	487807.55	813849.45
1295	50+51.65	28.00' LT	666.97	487807.69	813839.45
1296	50+54.74	34.12' LT	667.10	487813.76	813842.63
1297	50+56.65	34.10' LT	667.15	487813.72	813844.54
1298	50+61.65	34.08' LT	667.55	487813.63	813849.54
1299	50+66.65	34.07' LT	667.66	487813.54	813854.54
1300	50+66.65	32.99' LT	667.57	487812.46	813854.52
1301	50+66.65	28.01' LT	667.50	487807.48	813854.45
1302	50+66.65	24.50' LT	667.22	487803.97	813854.40

2

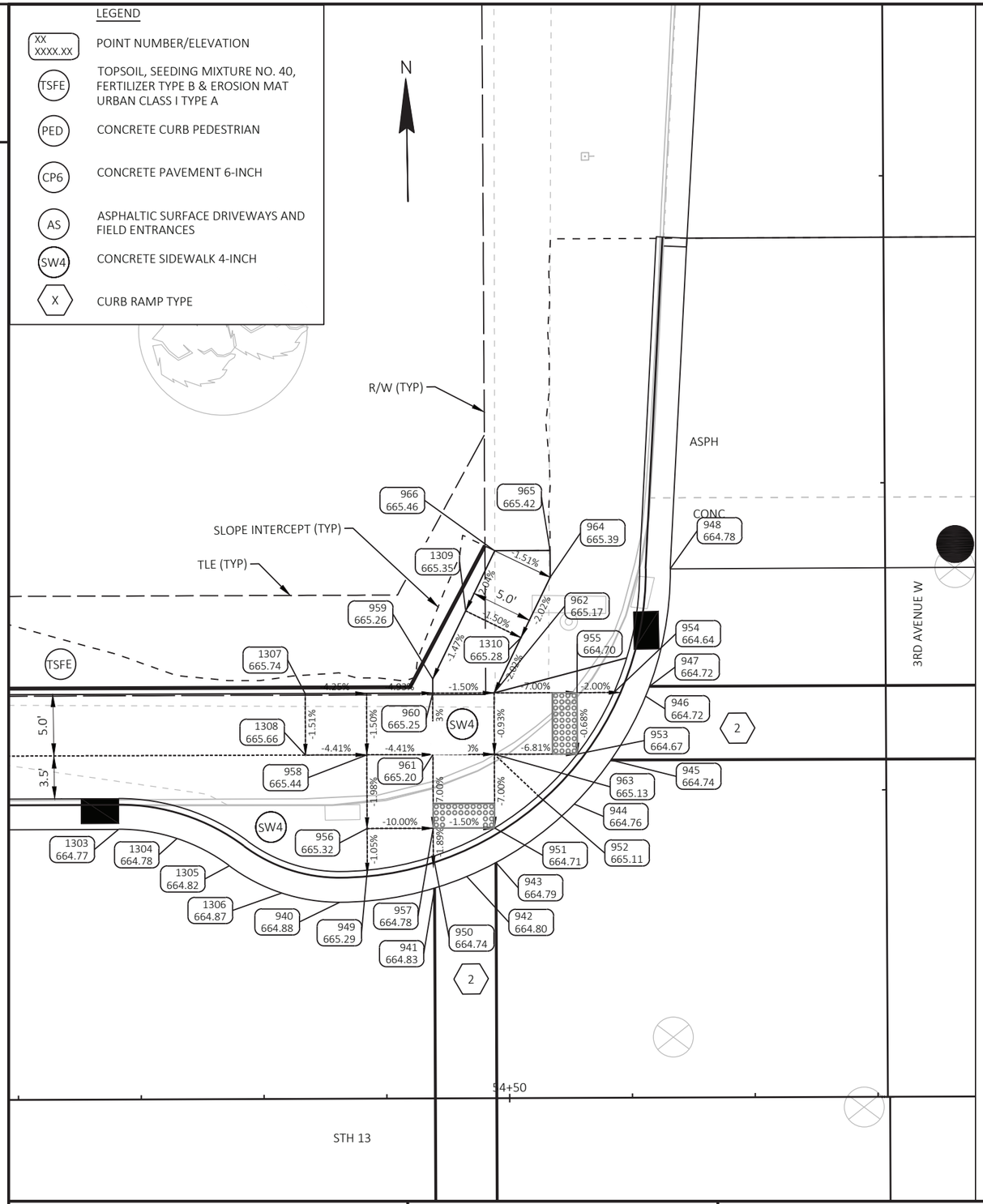
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 4TH AVENUE NE	SHEET 49	E



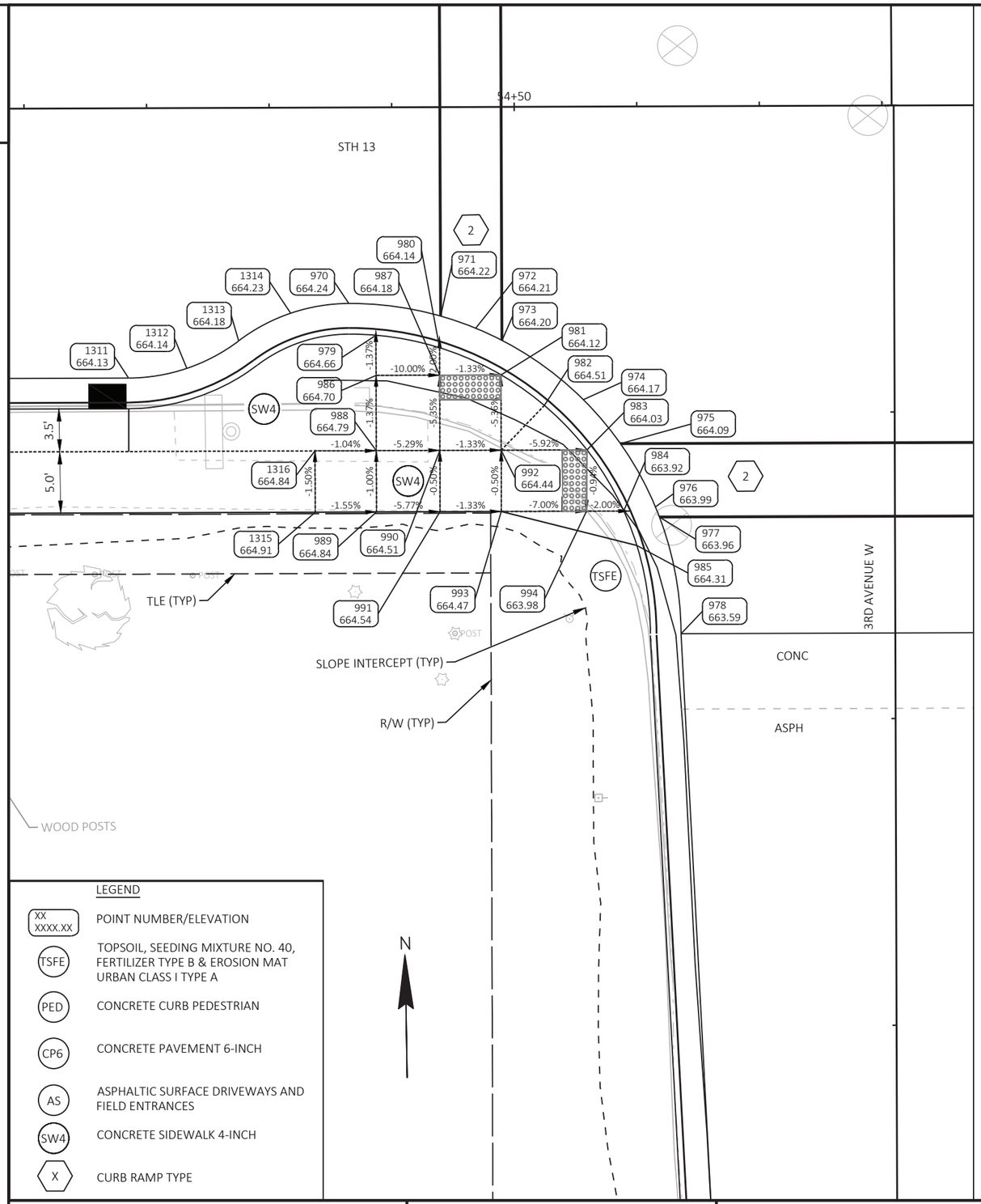
4TH AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
905	50+31.29	49.11' RT	665.62	487730.88	813818.00
906	50+33.32	38.74' RT	665.89	487741.21	813820.17
907	50+33.86	37.50' RT	665.91	487742.45	813820.74
908	50+37.73	31.50' RT	666.01	487748.39	813824.69
909	50+39.16	29.95' RT	666.04	487749.93	813826.14
910	50+47.94	24.07' RT	666.14	487755.68	813835.00
911	50+51.15	22.96' RT	666.13	487756.74	813838.23
912	50+57.15	22.02' RT	666.11	487757.59	813844.24
913	50+58.29	22.00' RT	666.11	487757.60	813845.38
914	50+61.65	24.50' RT	666.50	487755.05	813848.70
915	50+56.65	24.56' RT	666.03	487755.07	813843.70
916	50+51.65	25.42' RT	666.05	487754.27	813838.69
917	50+47.00	27.26' RT	666.54	487752.50	813834.02
918	50+45.09	28.36' RT	666.52	487751.43	813832.10
919	50+40.65	32.00' RT	665.96	487747.85	813827.60
920	50+36.93	37.00' RT	665.86	487742.90	813823.81
921	50+35.63	39.70' RT	666.31	487740.22	813822.47
922	50+40.65	37.00' RT	665.93	487742.85	813827.53
923	50+56.65	25.42' RT	666.05	487754.20	813843.69
924	50+46.65	32.00' RT	666.25	487747.76	813833.60
925	50+46.65	37.00' RT	666.28	487742.76	813833.53
926	50+51.65	32.00' RT	666.49	487747.69	813838.60
927	50+51.65	37.00' RT	666.56	487742.69	813838.53
928	50+56.65	32.00' RT	666.51	487747.62	813843.60
929	50+56.65	37.00' RT	666.59	487742.62	813843.53
930	50+57.14	37.00' RT	666.60	487742.62	813844.02
931	50+61.65	31.00' RT	666.63	487748.55	813848.61
932	50+62.63	35.90' RT	666.69	487743.64	813849.52
933	50+76.65	28.00' RT	666.44	487751.34	813863.65
934	50+77.14	33.00' RT	666.51	487746.33	813864.08

LEGEND

- XX / XXXX.XX — POINT NUMBER/ELEVATION
- TSFE — TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
- PED — CONCRETE CURB PEDESTRIAN
- CP6 — CONCRETE PAVEMENT 6-INCH
- AS — ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- SW4 — CONCRETE SIDEWALK 4-INCH
- X — CURB RAMP TYPE



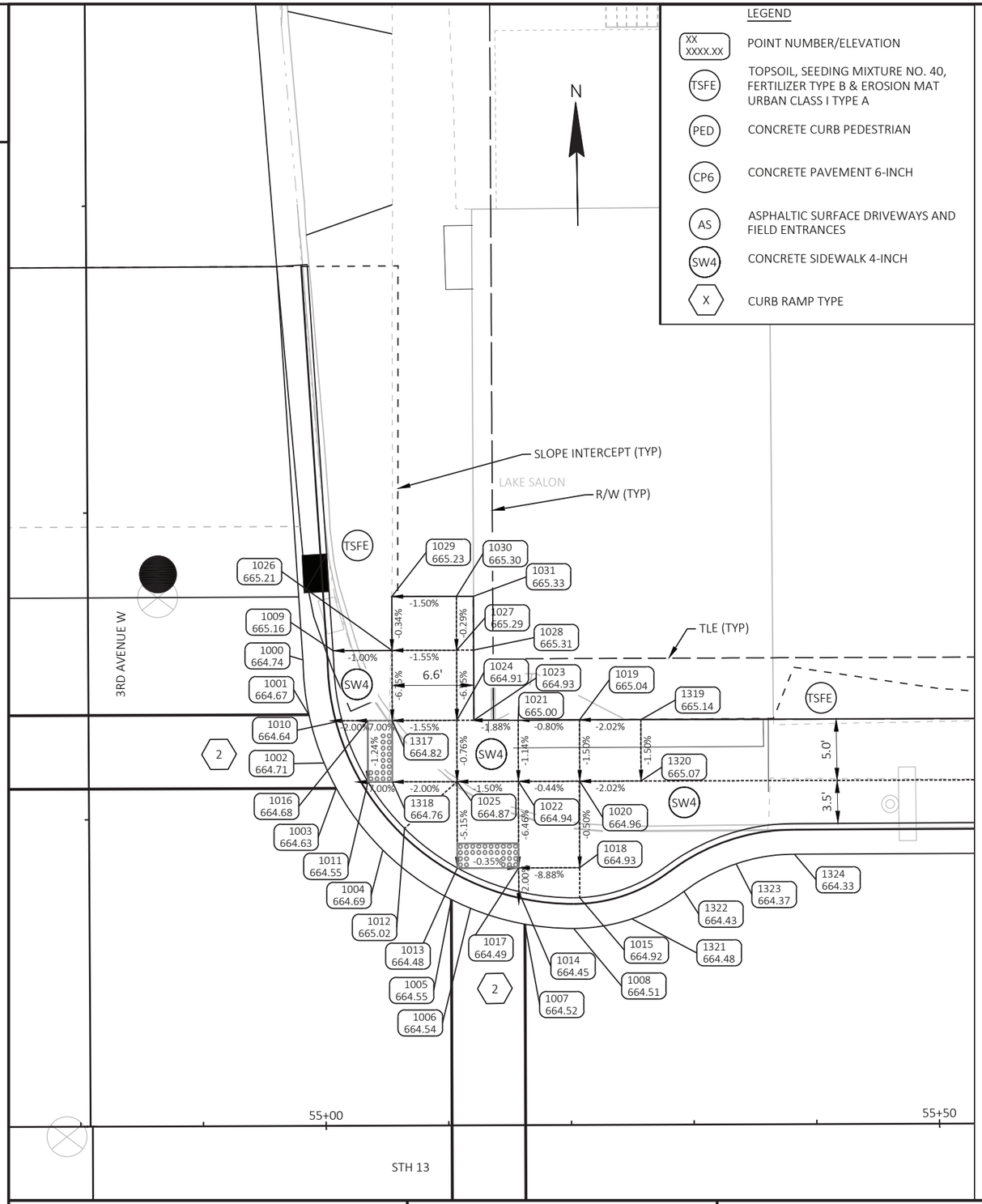
3RD AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
940	54+36.22	16.00' LT	664.88	487790.22	814223.82
941	54+43.94	17.13' LT	664.83	487791.24	814231.55
942	54+46.57	18.06' LT	664.80	487792.13	814234.19
943	54+48.94	19.18' LT	664.79	487793.22	814236.58
944	54+55.33	23.92' LT	664.76	487797.87	814243.04
945	54+58.33	27.50' LT	664.74	487801.41	814246.09
946	54+61.18	32.70' LT	664.72	487806.56	814249.01
947	54+61.50	33.50' LT	664.72	487807.36	814249.34
948	54+63.22	43.05' LT	664.78	487816.88	814251.20
949	54+38.46	18.60' LT	665.29	487792.79	814226.09
950	54+43.84	19.71' LT	664.74	487793.83	814231.49
951	54+48.84	22.00' LT	664.71	487796.04	814236.52
952	54+52.42	24.61' LT	665.11	487798.60	814240.13
953	54+55.60	28.00' LT	664.67	487801.95	814243.36
954	54+58.59	33.00' LT	664.64	487806.90	814246.42
955	54+55.60	33.00' LT	664.70	487806.94	814243.43
956	54+38.46	22.00' LT	665.32	487796.19	814226.14
957	54+43.84	22.00' LT	664.78	487796.11	814231.52
958	54+38.46	28.00' LT	665.44	487802.19	814226.23
959	54+43.84	34.16' LT	665.26	487808.27	814231.69
960	54+43.84	33.00' LT	665.25	487807.11	814231.68
961	54+43.84	28.00' LT	665.20	487802.11	814231.61
962	54+48.84	33.00' LT	665.17	487807.04	814236.68
963	54+48.84	28.00' LT	665.13	487802.04	814236.61
964	54+53.45	42.41' LT	665.39	487816.38	814241.41
965	54+53.44	44.58' LT	665.42	487818.56	814241.44
966	54+48.94	44.57' LT	665.46	487818.61	814236.94
1303	54+18.22	22.00' LT	664.77	487796.48	814205.90
1304	54+22.97	21.23' LT	664.78	487795.64	814210.64
1305	54+27.22	19.00' LT	664.82	487793.35	814214.86
1306	54+31.48	16.77' LT	664.87	487791.06	814219.09
1307	54+33.46	33.00' LT	665.74	487807.26	814221.30
1308	54+33.46	28.00' LT	665.66	487802.26	814221.23
1309	54+46.55	39.69' LT	665.35	487813.76	814234.48
1310	54+51.04	37.49' LT	665.28	487811.50	814238.94



LEGEND

XX XXXX.XX	POINT NUMBER/ELEVATION
TSFE	TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
PED	CONCRETE CURB PEDESTRIAN
CP6	CONCRETE PAVEMENT 6-INCH
AS	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
SW4	CONCRETE SIDEWALK 4-INCH
X	CURB RAMP TYPE

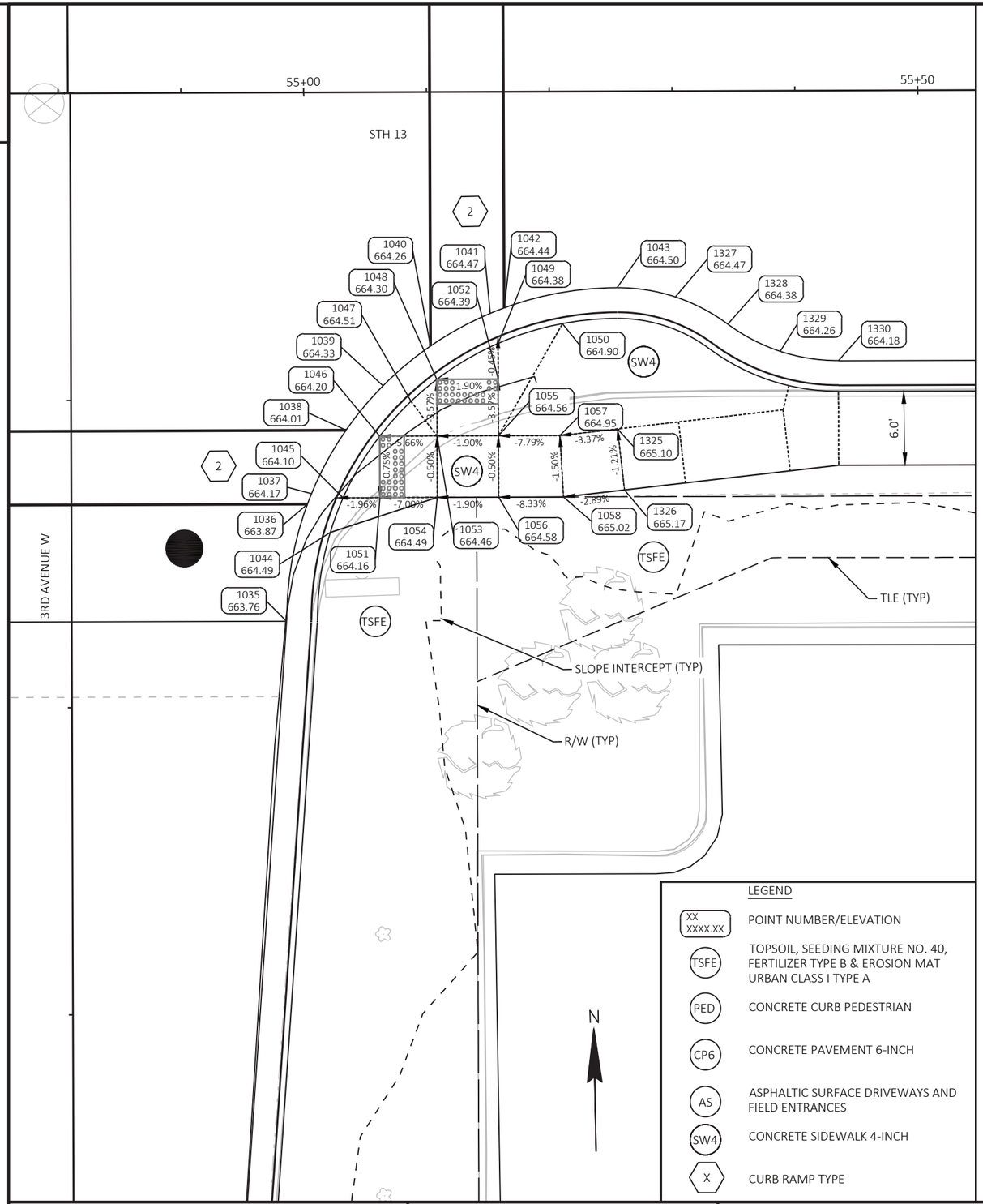
3RD AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
970	54+36.46	16.00' RT	664.24	487758.22	814223.60
971	54+43.94	17.06' RT	664.22	487757.06	814231.06
972	54+46.79	18.06' RT	664.21	487756.02	814233.90
973	54+48.94	19.06' RT	664.20	487754.99	814236.03
974	54+55.55	23.91' RT	664.17	487750.04	814242.58
975	54+58.57	27.50' RT	664.09	487746.41	814245.54
976	54+61.41	32.67' RT	663.99	487741.19	814248.31
977	54+61.73	33.50' RT	663.96	487740.36	814248.62
978	54+63.46	43.01' RT	663.59	487730.83	814250.21
979	54+38.65	18.60' RT	664.66	487755.59	814225.76
980	54+43.84	19.64' RT	664.14	487754.48	814230.93
981	54+48.84	21.86' RT	664.12	487752.19	814235.90
982	54+52.37	24.37' RT	664.51	487749.63	814239.39
983	54+55.83	28.00' RT	664.03	487745.95	814242.80
984	54+58.83	33.00' RT	663.92	487740.91	814245.72
985	54+59.88	35.81' RT	664.31	487738.08	814246.73
986	54+38.65	21.86' RT	664.70	487752.33	814225.71
987	54+43.84	21.86' RT	664.18	487752.26	814230.90
988	54+38.65	28.00' RT	664.79	487746.19	814225.62
989	54+38.65	33.00' RT	664.84	487741.19	814225.55
990	54+43.84	28.00' RT	664.51	487746.12	814230.81
991	54+43.84	33.00' RT	664.54	487741.12	814230.74
992	54+48.84	28.00' RT	664.44	487746.05	814235.81
993	54+48.84	33.00' RT	664.47	487741.05	814235.74
994	54+55.78	33.00' RT	663.98	487740.95	814242.68
1311	54+18.46	22.00' RT	664.13	487752.48	814205.51
1312	54+23.20	21.23' RT	664.14	487753.18	814210.27
1313	54+27.46	19.00' RT	664.18	487755.35	814214.56
1314	54+31.72	16.77' RT	664.23	487757.52	814218.84
1315	54+33.66	33.00' RT	664.91	487741.26	814220.56
1316	54+33.65	28.00' RT	664.84	487746.26	814220.62



3RD AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1000	54+98.23	37.96' LT	664.74	487811.30	814286.13
1001	54+98.70	33.50' LT	664.67	487806.83	814286.53
1002	54+99.92	29.56' LT	664.71	487802.87	814287.70
1003	55+00.90	27.50' LT	664.63	487800.80	814288.65
1004	55+04.69	22.43' LT	664.69	487795.68	814292.37
1005	55+10.26	18.39' LT	664.55	487791.56	814297.88
1006	55+11.82	17.67' LT	664.54	487790.82	814299.43
1007	55+16.26	16.36' LT	664.52	487789.45	814303.85
1008	55+20.23	16.00' LT	664.51	487789.03	814307.82
1009	55+00.69	38.71' LT	665.16	487812.02	814288.60
1010	55+01.38	33.00' LT	664.64	487806.29	814289.21
1011	55+03.49	28.00' LT	664.55	487801.26	814291.25
1012	55+06.46	24.20' LT	665.02	487797.42	814294.16
1013	55+10.76	20.96' LT	664.48	487794.12	814298.41
1014	55+15.76	19.02' LT	664.45	487792.11	814303.39
1015	55+20.73	18.51' LT	664.92	487791.53	814308.35
1016	55+03.49	33.00' LT	664.68	487806.26	814291.32
1017	55+15.76	20.96' LT	664.49	487794.05	814303.41
1018	55+20.73	20.96' LT	664.93	487793.98	814308.39
1019	55+20.76	33.00' LT	665.04	487806.02	814308.58
1020	55+20.76	28.00' LT	664.96	487801.02	814308.51
1021	55+15.76	33.00' LT	665.00	487806.09	814303.58
1022	55+15.76	28.00' LT	664.94	487801.09	814303.51
1023	55+12.14	33.00' LT	664.93	487806.14	814299.97
1024	55+10.76	33.00' LT	664.91	487806.16	814298.58
1025	55+10.76	28.00' LT	664.87	487801.16	814298.51
1026	55+05.49	38.71' LT	665.21	487811.95	814293.40
1027	55+10.76	38.71' LT	665.29	487811.87	814298.67
1028	55+12.14	38.71' LT	665.31	487811.85	814300.05
1029	55+05.49	43.10' LT	665.23	487816.34	814293.46
1030	55+10.76	43.10' LT	665.30	487816.26	814298.73
1031	55+12.14	43.10' LT	665.33	487816.24	814300.11
1317	55+05.49	33.00' LT	664.82	487806.24	814293.32
1318	55+05.49	28.00' LT	664.76	487801.24	814293.25
1319	55+25.76	33.00' LT	665.14	487805.95	814313.58
1320	55+25.76	28.00' LT	665.07	487800.95	814313.51
1321	55+24.98	16.77' LT	664.48	487789.73	814312.57
1322	55+29.23	19.00' LT	664.43	487791.90	814316.86
1323	55+33.49	21.23' LT	664.37	487794.07	814321.15
1324	55+38.23	22.00' LT	664.33	487794.77	814325.90

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 3RD AVENUE NE	SHEET 53	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 3RD AVENUE NE
PLOT DATE : 4/28/2023 2:17 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



3RD AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1035	54+98.46	43.02' RT	663.76	487730.32	814285.21
1036	55+00.19	33.50' RT	663.87	487739.82	814287.07
1037	55+00.52	32.66' RT	664.17	487740.65	814287.41
1038	55+03.35	27.50' RT	664.01	487745.77	814290.32
1039	55+06.37	23.90' RT	664.33	487749.32	814293.39
1040	55+10.26	20.69' RT	664.26	487752.49	814297.32
1041	55+15.13	18.05' RT	664.47	487755.05	814302.23
1042	55+16.26	17.62' RT	664.44	487755.47	814303.36
1043	55+25.46	16.00' RT	664.50	487756.96	814312.59
1044	55+02.04	35.81' RT	664.49	487737.48	814288.89
1045	55+03.09	33.00' RT	664.10	487740.28	814289.98
1046	55+06.09	28.00' RT	664.20	487745.23	814293.05
1047	55+08.65	25.17' RT	664.51	487748.02	814295.65
1048	55+10.76	23.40' RT	664.30	487749.76	814297.78
1049	55+15.76	20.50' RT	664.38	487752.59	814302.82
1050	55+21.01	18.91' RT	664.90	487754.11	814308.09
1051	55+06.09	33.00' RT	664.16	487740.23	814292.98
1052	55+15.76	23.40' RT	664.39	487749.69	814302.78
1053	55+10.76	28.00' RT	664.46	487745.17	814297.72
1054	55+10.76	33.00' RT	664.49	487740.17	814297.65
1055	55+15.76	28.00' RT	664.56	487745.10	814302.72
1056	55+15.76	33.00' RT	664.58	487740.10	814302.65
1057	55+20.76	28.00' RT	664.95	487745.02	814307.72
1058	55+21.04	33.00' RT	665.02	487740.02	814307.93
1325	55+25.46	27.48' RT	665.10	487745.48	814312.43
1326	55+26.01	32.45' RT	665.17	487740.50	814312.91
1327	55+30.20	16.77' RT	664.47	487756.12	814317.32
1328	55+34.46	19.00' RT	664.38	487753.83	814321.54
1329	55+38.72	21.23' RT	664.26	487751.54	814325.77
1330	55+43.46	22.00' RT	664.18	487750.70	814330.50

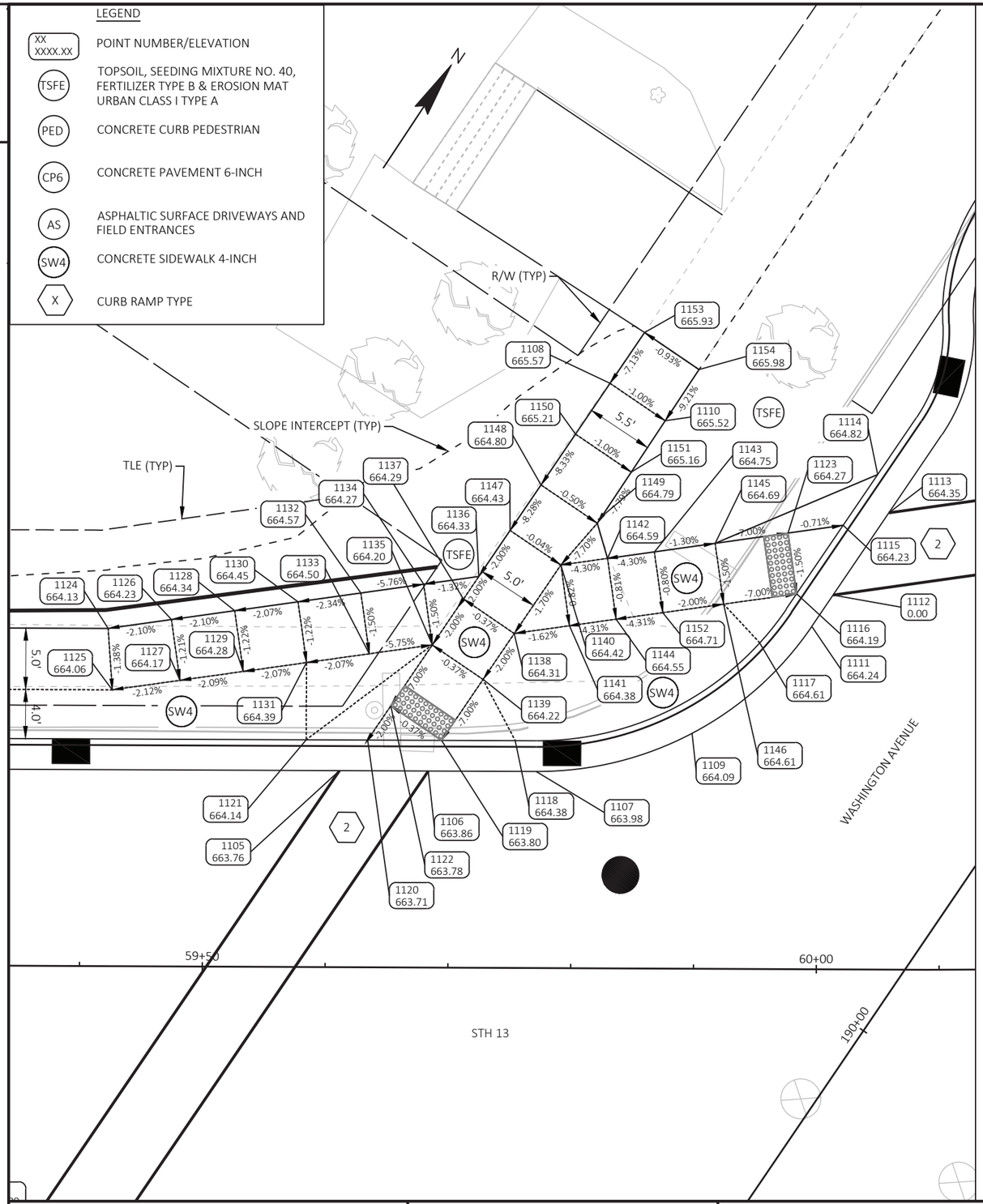
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - 3RD AVENUE SE	SHEET 54	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 3RD AVENUE SE

PLOT DATE : 4/28/2023 2:18 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT

LEGEND

- XX / XXXX.XX — POINT NUMBER/ELEVATION
- TSFE — TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
- PED — CONCRETE CURB PEDESTRIAN
- CP6 — CONCRETE PAVEMENT 6-INCH
- AS — ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- SW4 — CONCRETE SIDEWALK 4-INCH
- X — CURB RAMP TYPE



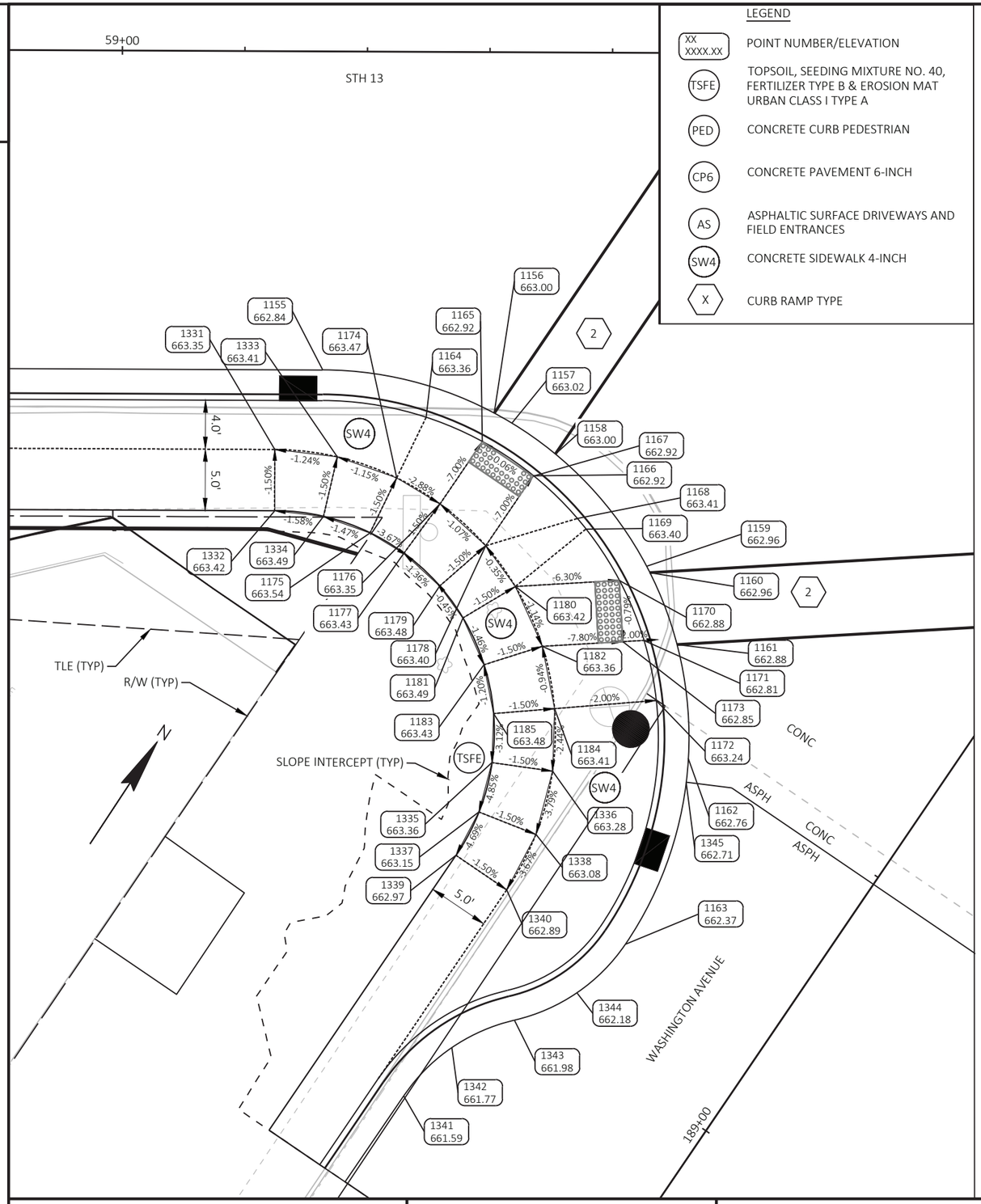
WASHINGTON NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1105	59+61.09	16.00' LT	663.76	487921.27	814704.89
1106	59+68.33	16.00' LT	663.86	487925.23	814710.94
1107	59+77.11	16.00' LT	663.98	487930.05	814718.29
1108	59+83.00	47.63' LT	665.57	487959.73	814705.89
1109	59+89.79	19.16' LT	664.09	487939.64	814727.17
1110	59+87.50	44.60' LT	665.52	487959.66	814711.31
1111	59+99.50	27.92' LT	664.24	487952.28	814730.50
1112	60+01.23	30.48' LT	0.00	487955.37	814730.54
1113	60+05.75	37.19' LT	664.35	487963.47	814730.64
1114	60+04.83	40.30' LT	664.82	487965.56	814728.17
1115	60+02.03	36.15' LT	664.23	487960.56	814728.10
1116	59+98.27	30.55' LT	664.19	487953.81	814728.02
1117	59+95.28	26.56' LT	664.61	487948.83	814727.70
1118	59+75.41	18.50' LT	664.38	487931.21	814715.50
1119	59+69.41	18.50' LT	663.80	487927.92	814710.48
1120	59+63.38	18.50' LT	663.71	487924.62	814705.43
1121	59+58.38	18.50' LT	664.14	487921.88	814701.25
1122	59+65.26	21.29' LT	663.78	487927.98	814705.48
1123	59+97.55	35.50' LT	664.27	487957.56	814724.71
1124	59+42.21	27.50' LT	664.13	487920.55	814682.80
1125	59+42.57	22.50' LT	664.06	487916.56	814685.84
1126	59+47.36	28.24' LT	664.23	487923.99	814686.70
1127	59+48.08	23.30' LT	664.17	487920.25	814690.01
1128	59+52.51	28.99' LT	664.34	487927.44	814690.60
1129	59+53.23	24.04' LT	664.28	487923.69	814693.91
1130	59+57.67	29.73' LT	664.45	487930.88	814694.50
1131	59+58.38	24.79' LT	664.39	487927.14	814697.81
1132	59+62.78	30.47' LT	664.57	487934.30	814698.37
1133	59+63.50	25.53' LT	664.50	487930.56	814701.68
1134	59+67.89	31.21' LT	664.27	487937.72	814702.25
1135	59+68.61	26.27' LT	664.20	487933.98	814705.56
1136	59+72.38	31.86' LT	664.33	487940.72	814705.64
1137	59+71.14	30.02' LT	664.29	487938.51	814705.61
1138	59+75.29	27.23' LT	664.31	487938.44	814710.61
1139	59+72.76	23.48' LT	664.22	487933.92	814710.55
1140	59+79.06	32.83' LT	664.42	487945.19	814710.70
1141	59+79.77	27.88' LT	664.38	487941.44	814714.01
1142	59+82.86	33.38' LT	664.59	487947.73	814713.58
1143	59+86.66	33.93' LT	664.75	487950.28	814716.46
1144	59+83.58	28.43' LT	664.55	487943.99	814716.89

WASHINGTON NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1145	59+91.61	34.64' LT	664.69	487953.59	814720.21
1146	59+92.33	29.69' LT	664.61	487949.84	814723.52
1147	59+74.91	35.62' LT	664.43	487945.26	814705.70
1148	59+77.41	39.34' LT	664.80	487949.74	814705.76
1149	59+82.06	36.52' LT	664.79	487949.93	814711.19
1150	59+80.21	43.48' LT	665.21	487954.74	814705.82
1151	59+84.75	40.42' LT	665.16	487954.66	814711.31
1152	59+87.38	28.98' LT	664.71	487946.53	814719.77
1153	59+85.79	51.78' LT	665.93	487964.73	814705.95
1154	59+90.24	48.78' LT	665.98	487964.66	814711.32

2

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - WASHINGTON AVENUE NW	SHEET 55	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - WASHINGTON AVENUE NW
PLOT DATE : 4/28/2023 2:19 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT



WASHINGTON SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1155	59+16.46	26.00' RT	662.84	487861.68	814690.56
1156	59+30.47	29.47' RT	663.00	487866.45	814704.18
1157	59+31.91	30.28' RT	663.02	487866.56	814705.83
1158	59+35.47	32.79' RT	663.00	487866.42	814710.18
1159	59+42.95	41.91' RT	662.96	487862.89	814721.43
1160	59+43.21	42.41' RT	662.96	487862.61	814721.93
1161	59+45.45	48.28' RT	662.88	487858.93	814727.02
1162	59+46.42	57.55' RT	662.76	487851.70	814732.91
1163	59+41.35	72.76' RT	662.37	487836.20	814736.99
1164	59+24.91	29.83' RT	663.36	487863.11	814699.73
1165	59+29.51	31.79' RT	662.92	487863.99	814704.65
1166	59+33.68	34.55' RT	662.92	487863.96	814709.65
1167	59+33.66	34.59' RT	662.92	487863.92	814709.65
1168	59+37.28	38.03' RT	663.41	487863.03	814714.56
1169	59+37.99	38.88' RT	663.40	487862.70	814715.63
1170	59+40.73	43.06' RT	662.88	487860.70	814720.21
1171	59+42.76	47.95' RT	662.81	487857.73	814724.58
1172	59+43.78	52.84' RT	663.24	487854.19	814728.12
1173	59+41.04	48.05' RT	662.85	487856.70	814723.21
1174	59+22.54	34.77' RT	663.47	487857.68	814700.45
1175	59+20.37	39.27' RT	663.54	487852.72	814701.11
1176	59+26.08	36.88' RT	663.35	487857.85	814704.57
1177	59+23.15	40.93' RT	663.43	487852.86	814704.33
1178	59+29.82	40.28' RT	663.40	487857.06	814709.56
1179	59+26.07	43.59' RT	663.48	487852.24	814708.24
1180	59+32.26	43.59' RT	663.42	487855.62	814713.41
1181	59+27.98	46.18' RT	663.49	487851.11	814711.25
1182	59+34.48	48.46' RT	663.36	487852.76	814717.94
1183	59+29.72	49.99' RT	663.43	487848.87	814714.79
1184	59+35.50	53.55' RT	663.41	487849.07	814721.58
1185	59+30.51	53.97' RT	663.48	487845.98	814717.64
1331	59+12.58	32.50' RT	663.35	487854.12	814690.87
1332	59+12.59	37.50' RT	663.42	487849.94	814693.62
1333	59+17.69	33.07' RT	663.41	487856.44	814695.46
1334	59+16.58	37.95' RT	663.49	487851.75	814697.20

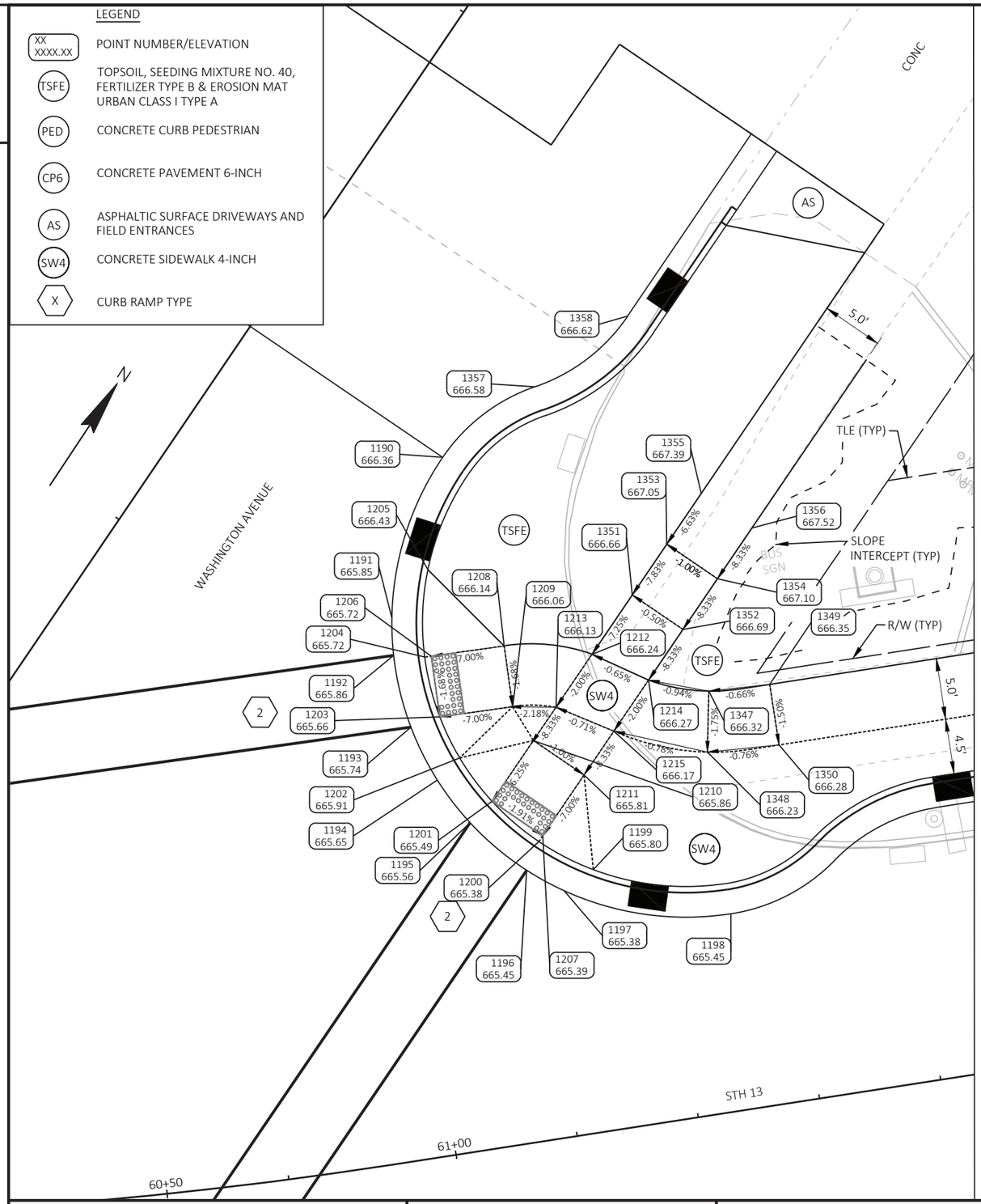
WASHINGTON SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1335	59+30.41	57.97' RT	663.36	487842.58	814719.74
1336	59+35.36	58.66' RT	663.28	487844.72	814724.26
1337	59+29.36	62.01' RT	663.15	487838.63	814721.08
1338	59+34.02	63.82' RT	663.08	487839.67	814725.97
1339	59+27.51	65.56' RT	662.97	487834.64	814721.47
1340	59+31.66	68.35' RT	662.89	487834.58	814726.47
1341	59+23.32	85.21' RT	661.59	487815.91	814728.73
1342	59+27.24	81.24' RT	661.77	487821.37	814729.84
1343	59+32.33	78.98' RT	661.98	487826.05	814732.86
1344	59+37.43	76.72' RT	662.18	487830.74	814735.89
1345	59+46.26	59.51' RT	662.71	487849.97	814733.84

2

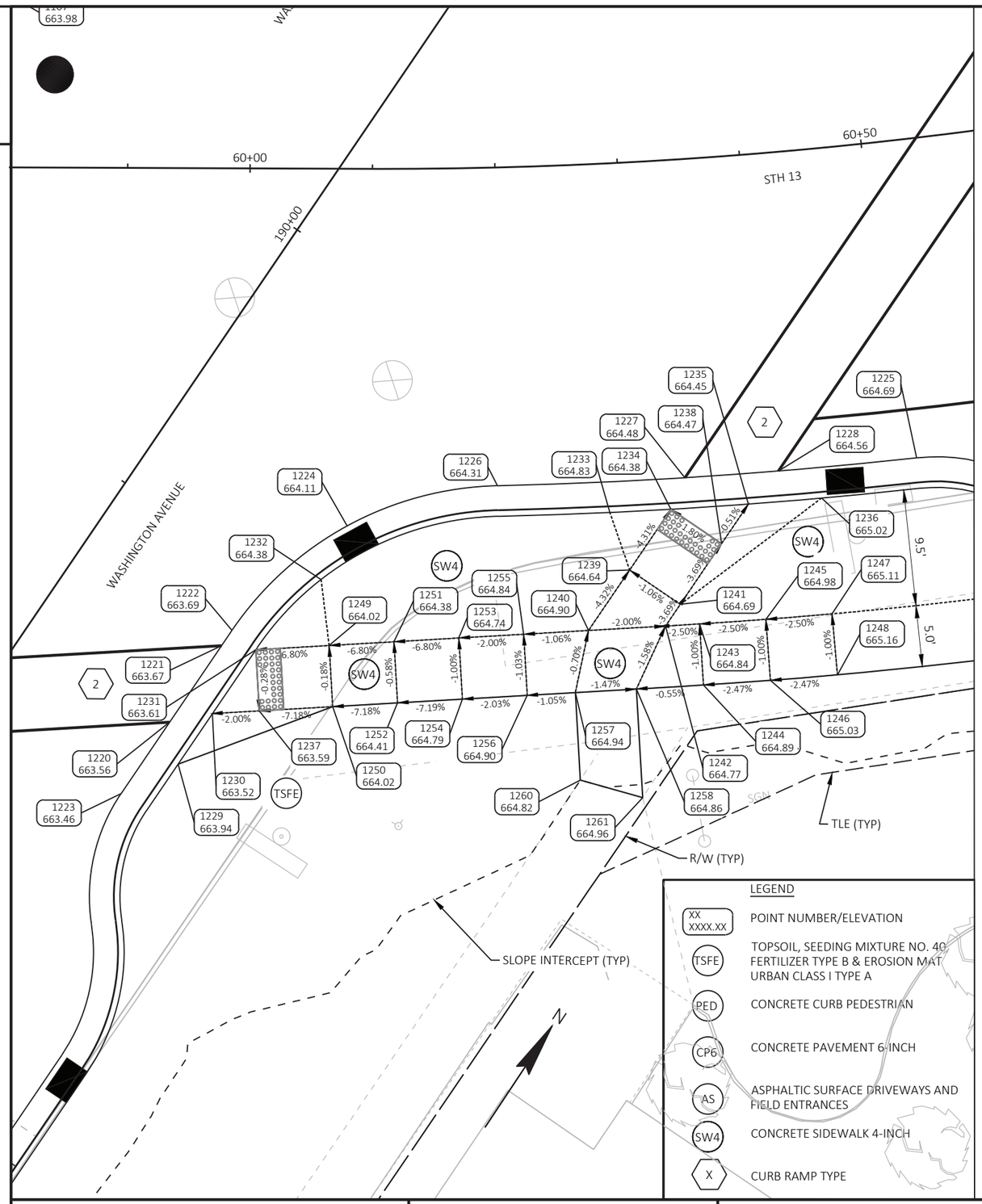
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - WASHINGTON AVENUE SW	SHEET 56	E

LEGEND

XX XXXX.XX	POINT NUMBER/ELEVATION
TSFE	TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B & EROSION MAT URBAN CLASS I TYPE A
PED	CONCRETE CURB PEDESTRIAN
CP6	CONCRETE PAVEMENT 6-INCH
AS	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
SW4	CONCRETE SIDEWALK 4-INCH
X	CURB RAMP TYPE



WASHINGTON NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1190	61+07.61	56.37' LT	666.36	488020.91	814772.39
1191	61+01.51	44.07' LT	665.85	488007.70	814776.14
1192	61+01.18	41.03' LT	665.86	488005.24	814777.95
1193	61+01.68	35.02' LT	665.74	488001.13	814782.35
1194	61+03.15	30.43' LT	665.65	487998.72	814786.53
1195	61+05.26	26.58' LT	665.56	487997.29	814790.68
1196	61+09.24	22.04' LT	665.45	487996.60	814796.67
1197	61+12.01	19.93' LT	665.38	487996.90	814800.14
1198	61+25.16	16.00' LT	665.45	488002.84	814812.52
1199	61+14.61	21.27' LT	665.80	487999.64	814801.18
1200	61+10.57	24.21' LT	665.38	487999.10	814796.20
1201	61+07.30	28.03' LT	665.49	487999.73	814791.21
1202	61+05.23	31.94' LT	665.91	488001.23	814787.06
1203	61+04.14	35.49' LT	665.66	488003.12	814783.86
1204	61+03.67	40.50' LT	665.72	488006.52	814780.14
1205	61+05.01	47.50' LT	666.43	488012.60	814776.43
1206	61+04.21	40.49' LT	665.72	488006.87	814780.55
1207	61+10.96	24.62' LT	665.39	487999.67	814796.21
1208	61+10.21	40.40' LT	666.14	488010.84	814785.05
1209	61+10.14	35.40' LT	666.06	488007.10	814788.36
1210	61+11.39	32.42' LT	665.86	488005.73	814791.29
1211	61+15.05	29.01' LT	665.81	488005.67	814796.29
1212	61+17.19	38.63' LT	666.24	488014.23	814791.40
1213	61+13.63	34.82' LT	666.13	488009.01	814791.33
1214	61+21.43	35.85' LT	666.27	488015.02	814796.41
1215	61+18.00	32.17' LT	666.17	488009.99	814796.35
1347	61+26.15	34.21' LT	666.32	488016.98	814801.01
1348	61+25.27	29.31' LT	666.23	488012.76	814803.65
1349	61+31.15	34.00' LT	666.35	488020.18	814804.85
1350	61+31.15	29.00' LT	666.28	488016.48	814808.21
1351	61+21.18	42.92' LT	666.66	488020.08	814791.48
1352	61+24.84	39.51' LT	666.69	488020.02	814796.48
1353	61+24.59	46.57' LT	667.05	488025.08	814791.54
1354	61+28.25	43.16' LT	667.10	488025.02	814796.54
1355	61+28.00	50.23' LT	667.39	488030.08	814791.60
1356	61+31.66	46.82' LT	667.52	488030.02	814796.60
1357	61+15.94	60.90' LT	666.58	488029.87	814775.50
1358	61+24.27	65.44' LT	666.62	488038.83	814778.62



WASHINGTON SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1220	59+93.61	45.28' RT	663.56	487887.82	814765.66
1221	59+97.84	39.00' RT	663.67	487895.39	814765.76
1222	59+98.68	37.75' RT	663.69	487896.90	814765.78
1223	59+89.68	51.12' RT	663.46	487880.78	814765.57
1224	60+08.06	29.18' RT	664.11	487909.21	814768.93
1225	60+51.72	26.00' RT	664.69	487939.51	814804.68
1226	60+19.59	26.00' RT	664.31	487918.71	814777.36
1227	60+33.94	26.00' RT	664.48	487927.71	814789.78
1228	60+41.09	26.00' RT	664.56	487932.37	814795.84
1229	59+94.32	48.71' RT	663.94	487885.34	814768.13
1230	59+97.11	44.56' RT	663.52	487890.34	814768.20
1231	60+00.63	39.33' RT	663.61	487896.65	814768.28
1232	60+05.94	33.56' RT	664.38	487904.38	814769.56
1233	60+28.08	28.50' RT	664.83	487921.96	814786.22
1234	60+32.73	28.50' RT	664.38	487924.93	814790.24
1235	60+38.63	28.50' RT	664.45	487928.78	814795.29
1236	60+44.21	28.50' RT	665.02	487932.48	814800.01
1237	60+00.94	44.32' RT	663.59	487892.64	814771.27
1238	60+36.39	31.57' RT	664.47	487924.87	814795.24
1239	60+29.37	33.27' RT	664.64	487918.93	814790.17
1240	60+26.09	38.06' RT	664.90	487912.95	814790.09
1241	60+33.01	36.30' RT	664.69	487918.87	814795.17
1242	60+31.82	38.00' RT	664.77	487916.73	814795.14
1243	60+34.35	38.00' RT	664.84	487918.40	814797.37
1244	60+34.35	43.00' RT	664.89	487914.41	814800.38
1245	60+39.28	38.00' RT	664.98	487921.70	814801.67
1246	60+39.28	43.00' RT	665.03	487917.75	814804.74
1247	60+44.21	38.00' RT	665.11	487925.05	814805.94
1248	60+44.21	43.00' RT	665.16	487921.15	814809.05
1249	60+06.62	38.96' RT	664.02	487900.24	814773.08
1250	60+06.93	43.95' RT	664.02	487896.23	814776.08
1251	60+11.65	38.63' RT	664.38	487903.42	814777.34
1252	60+11.90	43.63' RT	664.41	487899.41	814780.33
1253	60+16.46	38.38' RT	664.74	487906.60	814781.59
1254	60+16.65	43.37' RT	664.79	487902.59	814784.58
1255	60+21.28	38.18' RT	664.84	487909.78	814785.84
1256	60+21.41	43.18' RT	664.90	487905.77	814788.83
1257	60+24.94	43.08' RT	664.94	487908.13	814791.98
1258	60+29.43	43.01' RT	664.86	487911.12	814795.99
1260	60+25.07	50.24' RT	664.82	487902.39	814796.27
1261	60+29.49	51.90' RT	664.96	487904.00	814801.31

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CURB RAMP - WASHINGTON AVENUE SE	SHEET 58	E

2

2

FUR FARM ROAD

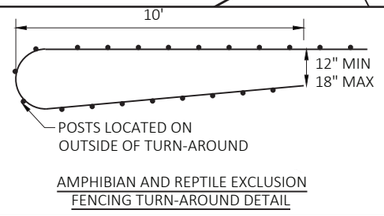
BEGIN PROJECT
STA 329+28.14

327+00
328+00
329+00
330+00
331+00
332+00
333+00
334+00
STH 13

MATCH LINE 334+50

LEGEND

- EROSION MAT URBAN CLASS I TYPE A
- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM WITH GEOTEXTILE TYPE HR
- RIPRAP HEAVY WITH GEOTEXTILE TYPE HR
- CULVERT PIPE CHECKS
- TEMPORARY DITCH CHECKS
- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A OR C
- SURFACE WATER FLOW



AMPHIBIAN AND REPTILE EXCLUSION
FENCING TURN-AROUND DETAIL

MATCH LINE 334+50

335+00
336+00
337+00
338+00
339+00
340+00
STH 13

MATCH LINE 341+00

99+00
101+00
11TH AVE W

N

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET 59	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 1

PLOT DATE : 5/8/2023 2:11 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : ##########

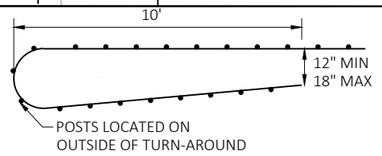
WISDOT/CADDS SHEET 44

2

SUPERIOR TUBS
GAR
GRAV
MP
GRAV
18" CPCS
MATCH LINE 341+00
342+00
17+00
18+00
19+00
20+00
21
+00
STH 13
SALVAGE AND RE-INSTALL RIPRAP ON FILL SLOPE
111+00
10TH AVE W
POLE
MP
A C
MATCH LINE 21+00
MAILBOX
MAILBOX
GRAV
MAILBOX
109+00
HSE

LEGEND

- EROSION MAT URBAN CLASS I TYPE A
- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM WITH GEOTEXTILE TYPE HR
- RIPRAP HEAVY WITH GEOTEXTILE TYPE HR
- CULVERT PIPE CHECKS
- TEMPORARY DITCH CHECKS
- SILT FENCE
- SLOPE INTERCEPT
- (X) INLET PROTECTION TYPE A OR C
- SURFACE WATER FLOW



AMPHIBIAN AND REPTILE EXCLUSION
FENCING TURN-AROUND DETAIL

N

30' CE
121+00
9TH AVE W
GRAV
CHECKER Z CAFE
SGN
8 MP
COMFY CARE PET HOSPITAL
WOOD DECK AND STEPS
MP
HUGO'S RESTAURANT
STEPS
GRAV
MATCH LINE 21+00
00
22+00
23+00
24+00
25+00
26+00
27+00
MATCH LINE 27+50
STH 13
MAILBOX
MAILBOX
MAILBOX
HSE
GAR
HSE
HSE
HSE
MOBILE HOME
GRAV
WOOD FENCE
WOOD DECK
HSE
HSE
119+00

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET 60	E

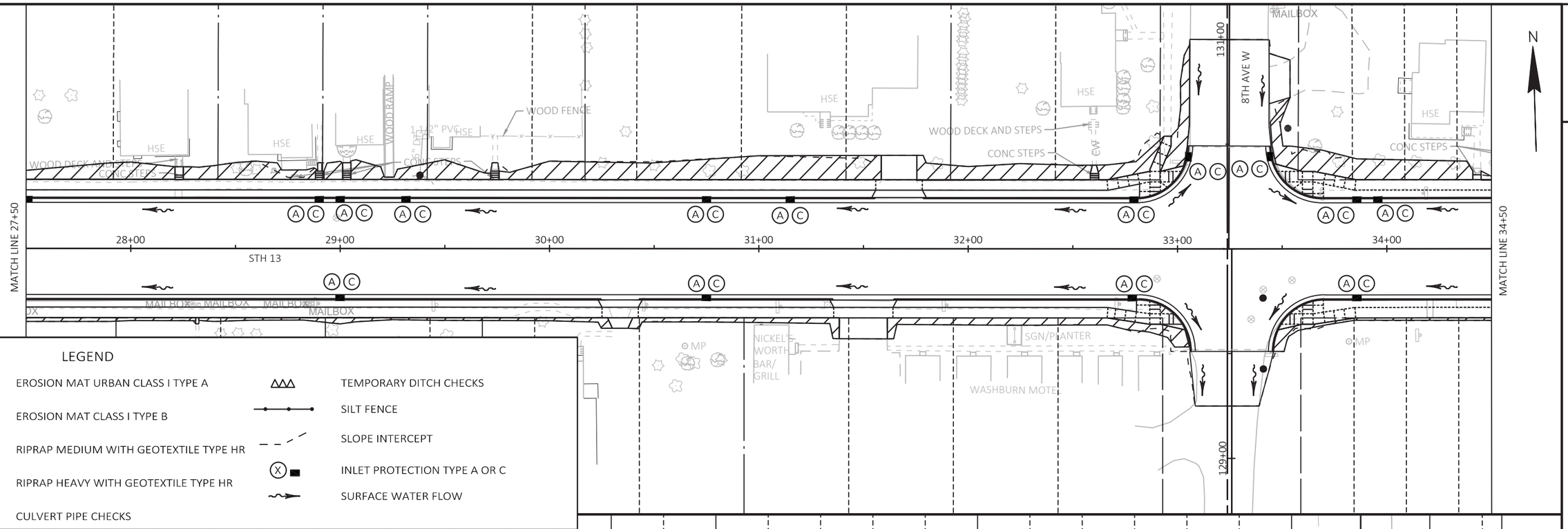
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 2

PLOT DATE : 5/12/2023 11:47 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 44

LEGEND

- EROSION MAT URBAN CLASS I TYPE A
- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM WITH GEOTEXTILE TYPE HR
- RIPRAP HEAVY WITH GEOTEXTILE TYPE HR
- CULVERT PIPE CHECKS
- TEMPORARY DITCH CHECKS
- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A OR C
- SURFACE WATER FLOW



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET 61 E

2

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE A
- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM WITH GEOTEXTILE TYPE HR
- RIPRAP HEAVY WITH GEOTEXTILE TYPE HR
- CULVERT PIPE CHECKS
- TEMPORARY DITCH CHECKS
- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A OR C
- SURFACE WATER FLOW
- SAFETY FENCE

MATCH LINE 41+50

42+00 43+00 44+00 45+00 46+00 47+00 48+00

STH 13

5TH AVE W

161+00

159+00

BRICK RET WALL

WOOD POST

MAILBOX

PVC FENCE

PED RAMP

POST OFFICE

MATCH LINE 48+50

MATCH LINE 48+50

49+00 50+00 51+00 52+00 53+00 54+00 55+00

STH 13

4TH AVE W

171+00

169+00

3RD AVE W

181+00

179+00

WOOD FENCE

CONC STEPS

WIKDAL PARK

LAKE SALON

PATSY'S BAR

KARLYN'S GALLERY

WOOD RAMP

DALOUIS BRISTO

THE SNUG

SALLY'S

WOOD POSTS

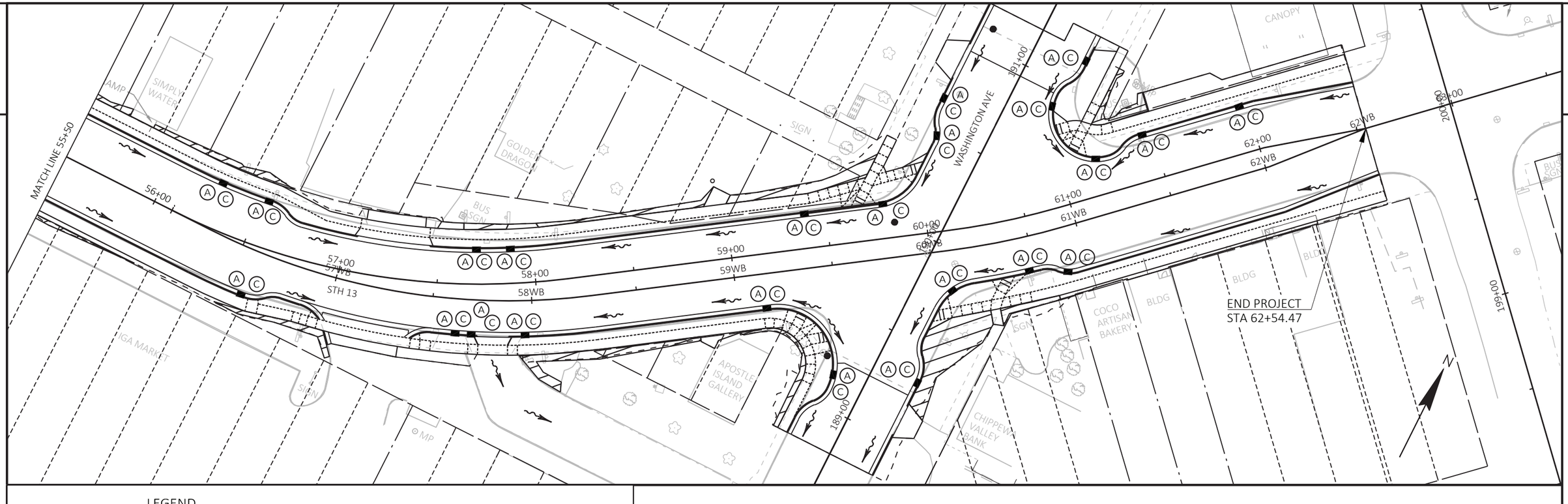
MATCH LINE 55+50

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET 62	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 4

PLOT DATE : 5/8/2023 2:12 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : ##########

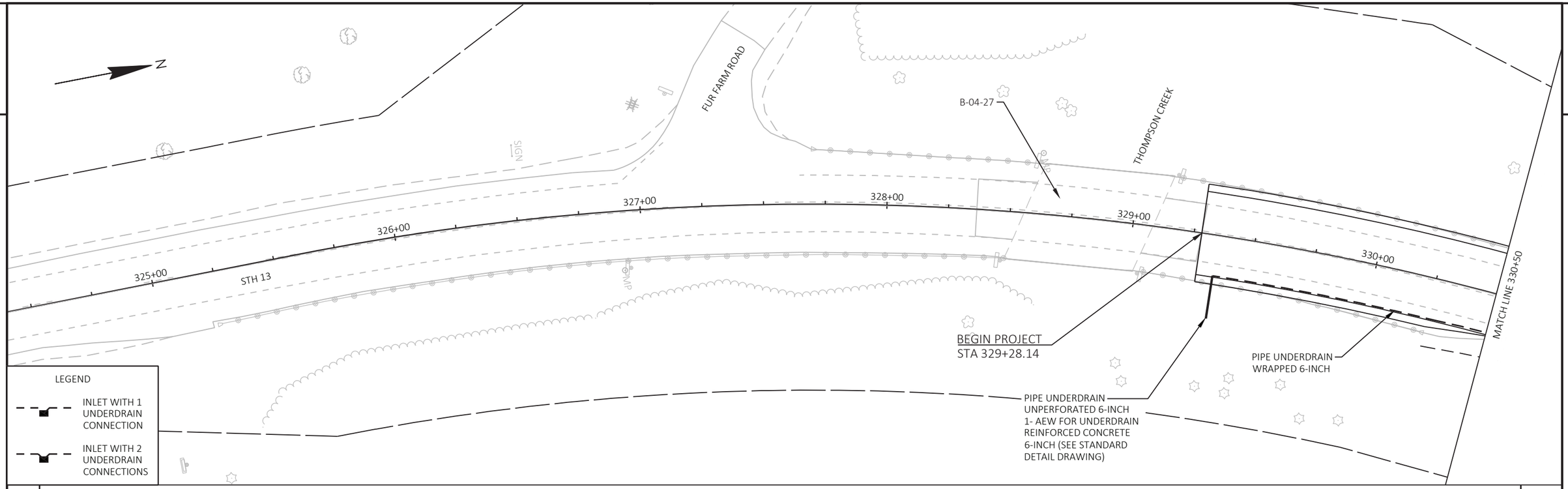
WISDOT/CADDS SHEET 44



LEGEND

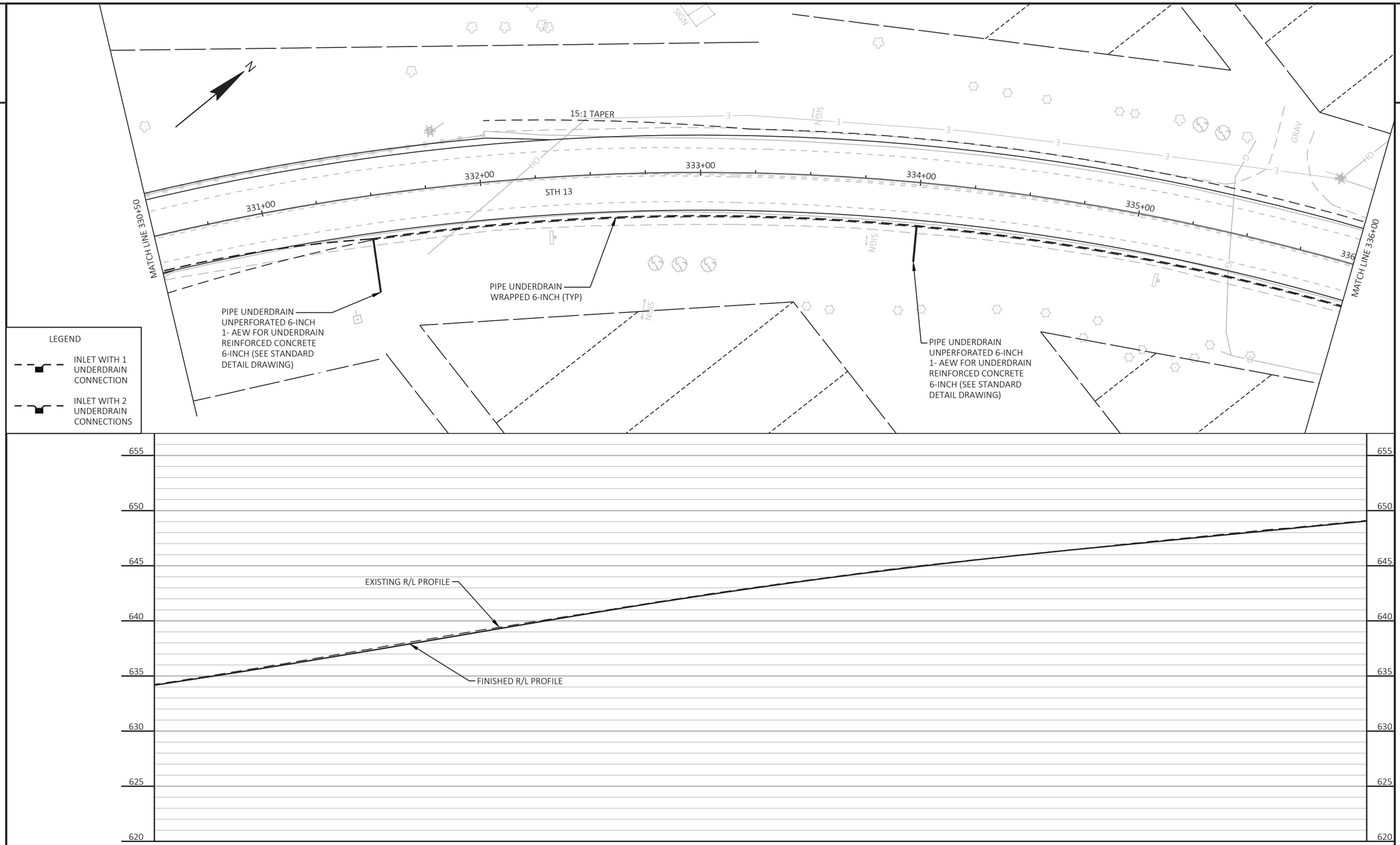
EROSION MAT URBAN CLASS I TYPE A	TEMPORARY DITCH CHECKS
EROSION MAT CLASS I TYPE B	SILT FENCE
RIPRAP MEDIUM WITH GEOTEXTILE TYPE HR	SLOPE INTERCEPT
RIPRAP HEAVY WITH GEOTEXTILE TYPE HR	INLET PROTECTION TYPE A OR C
CULVERT PIPE CHECKS	SURFACE WATER FLOW

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET 63	E



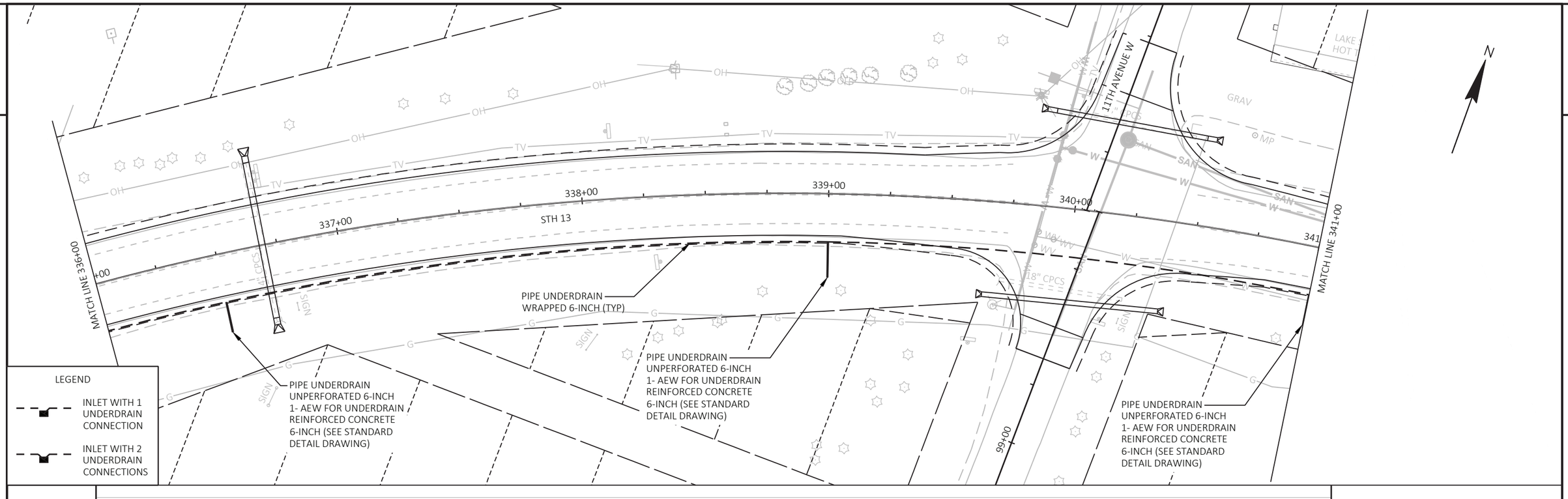
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 64	E

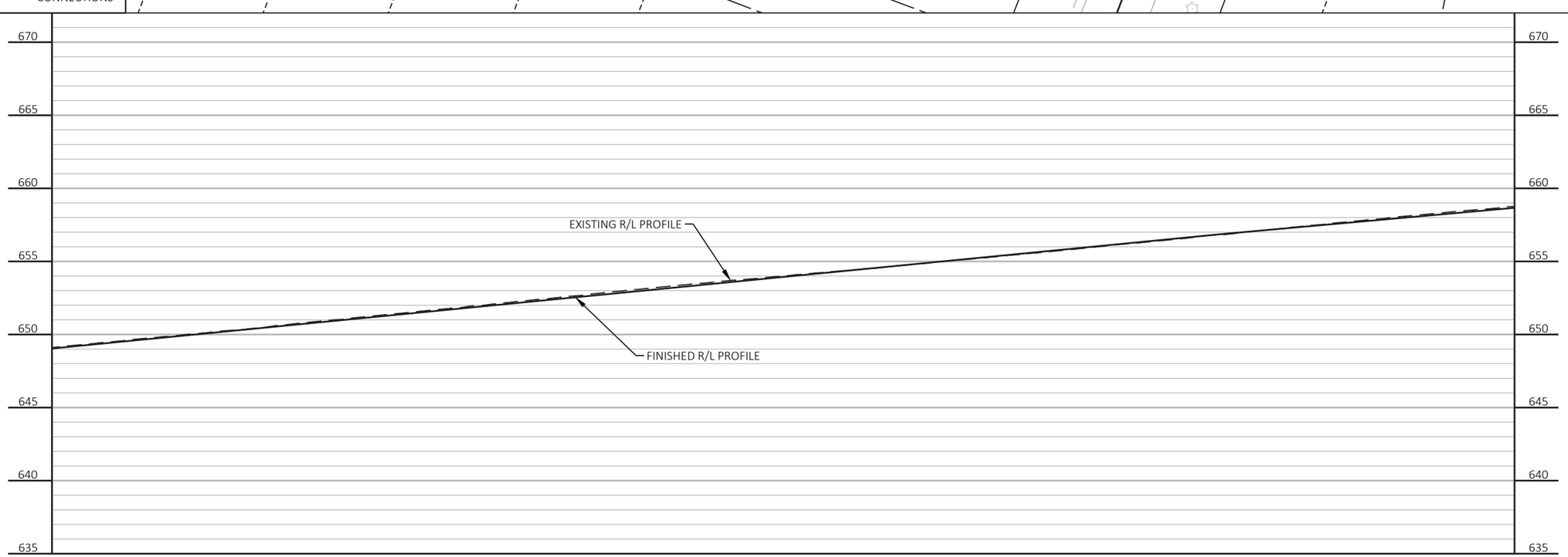
2



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 65	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - B
PLOT DATE : 5/9/2023 11:27 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41



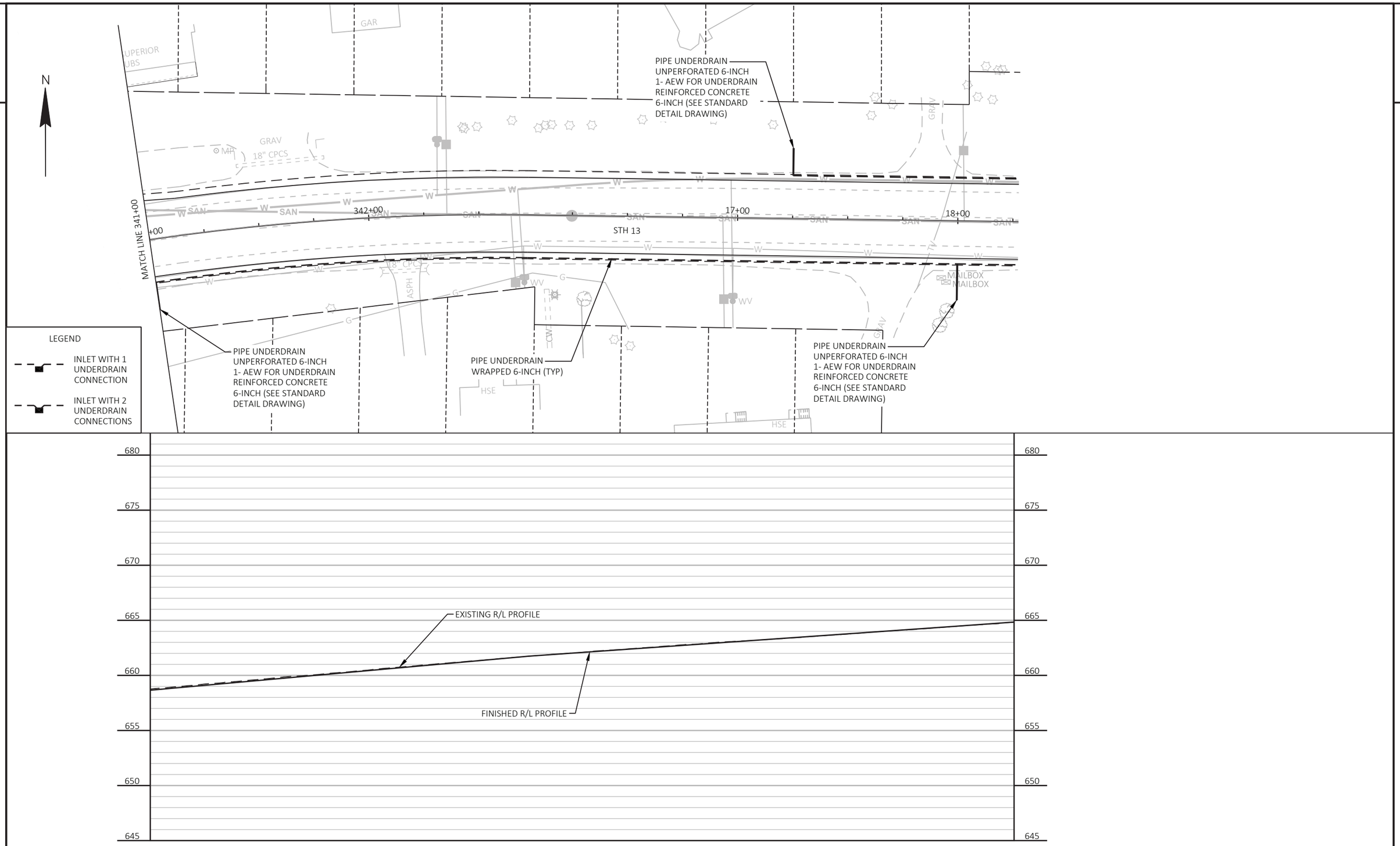


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 66	E

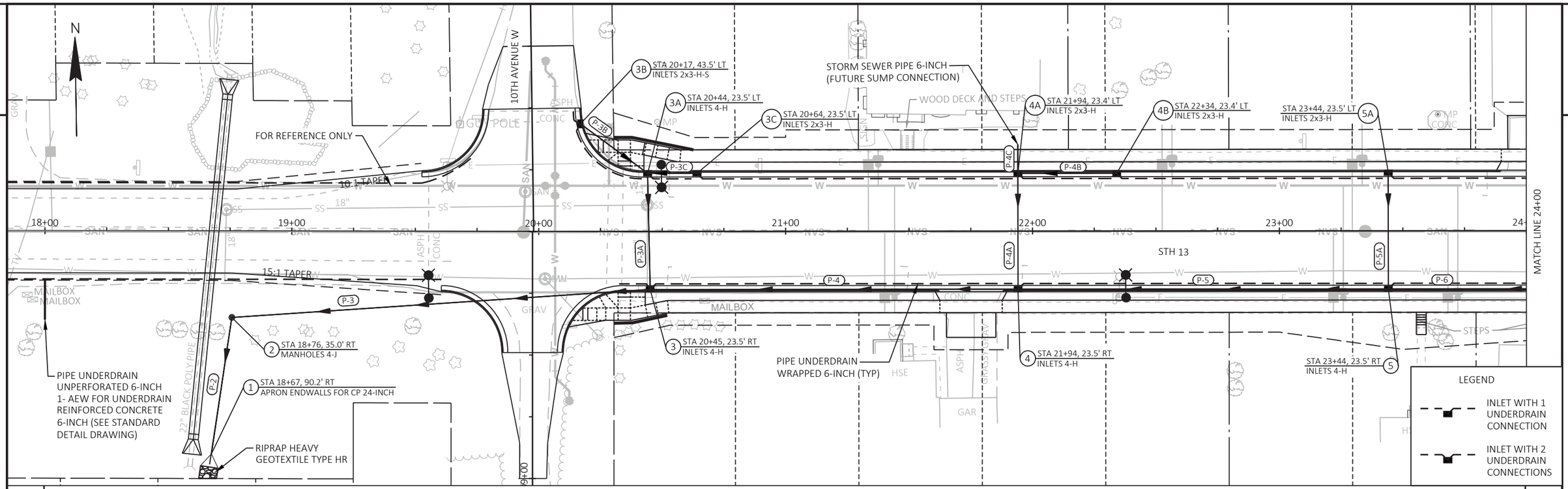
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - C

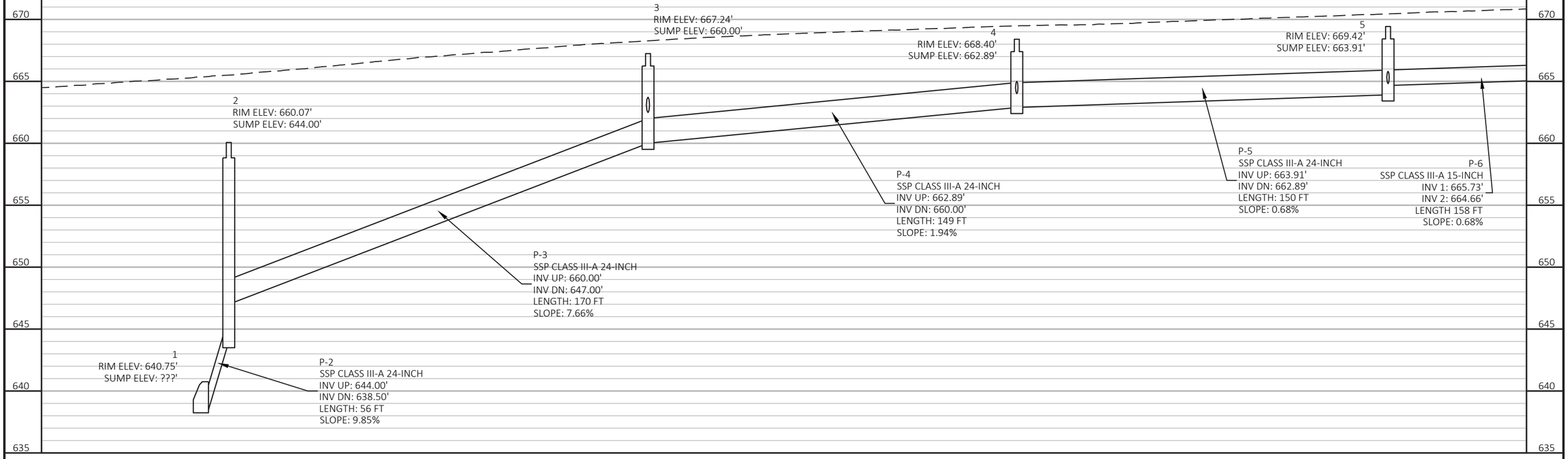
PLOT DATE : 5/9/2023 11:28 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

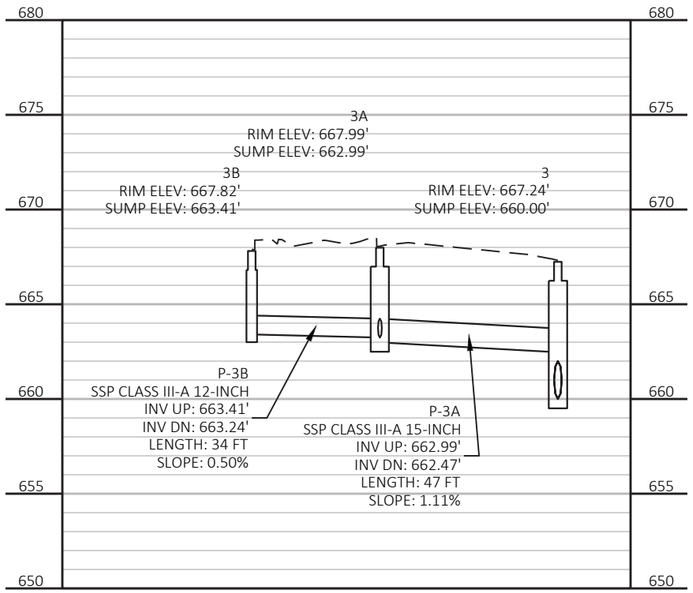


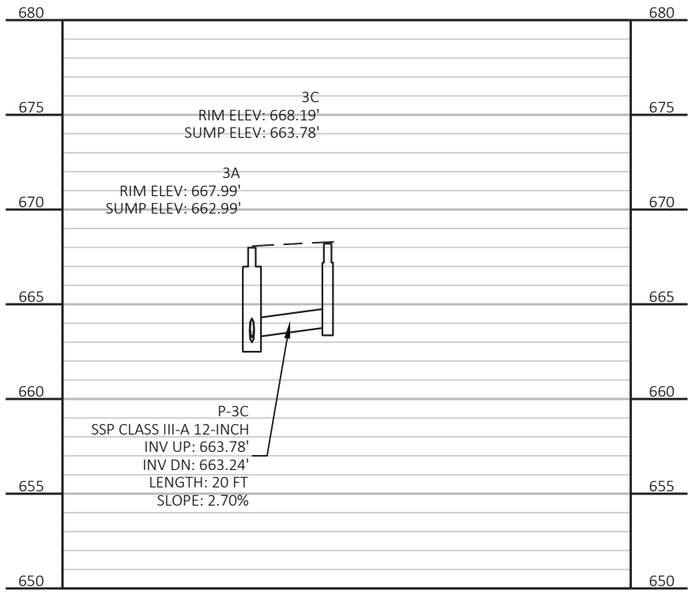
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 67	E

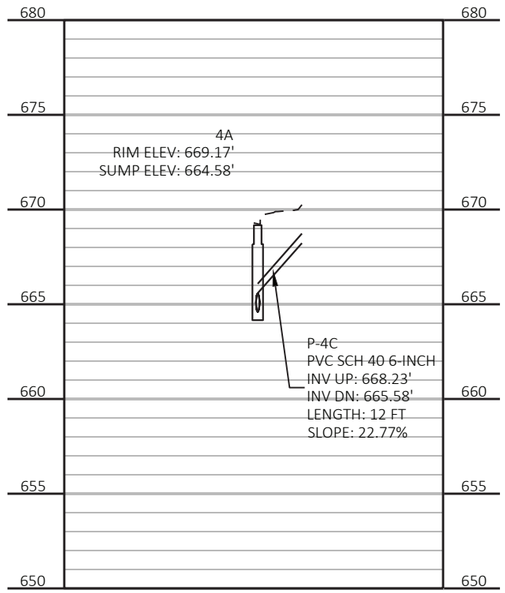


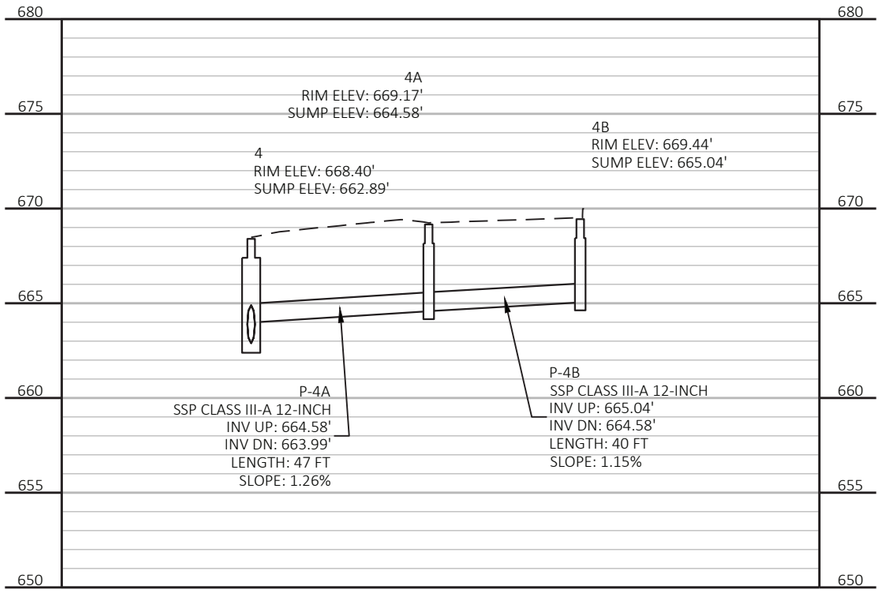


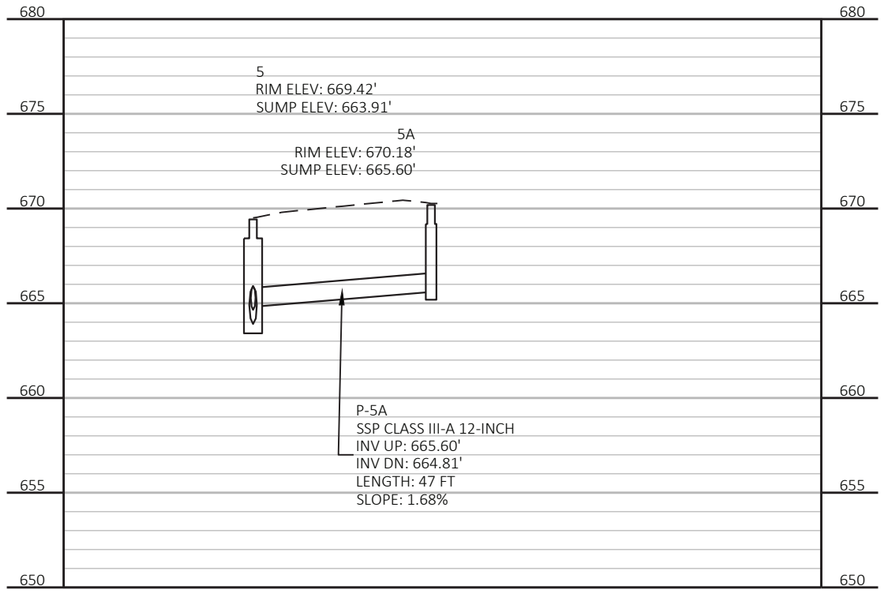
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 68	E

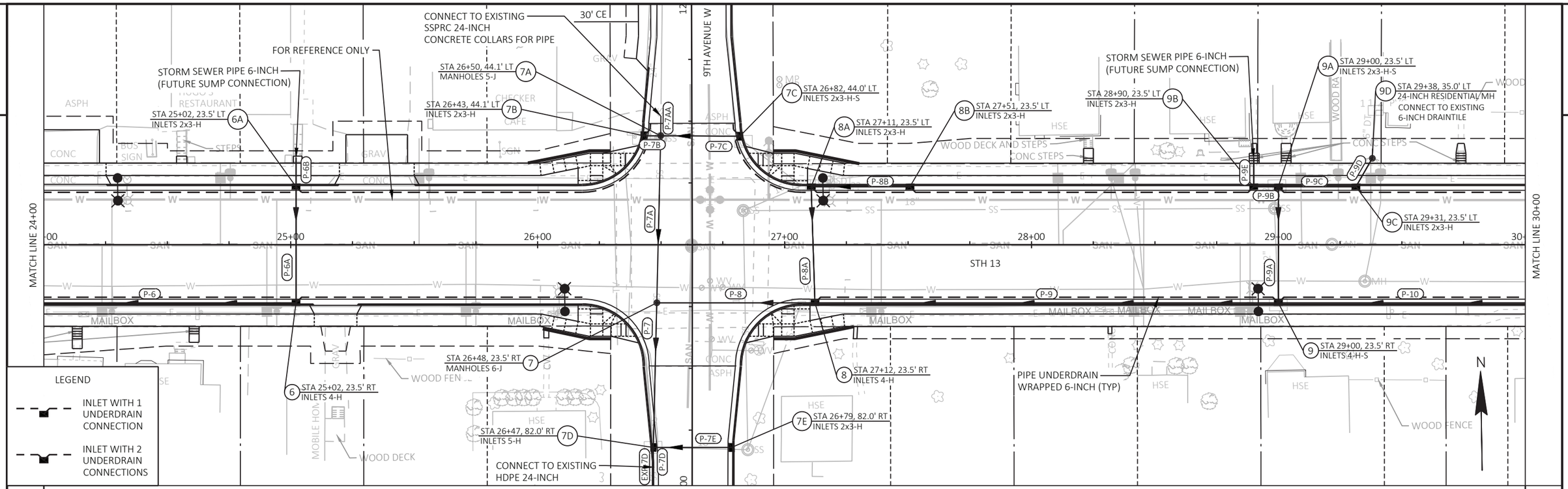

680
675
670
665
660
655
650
3A
RIM ELEV: 667.99'
SUMP ELEV: 662.99'
3B
RIM ELEV: 667.82'
SUMP ELEV: 663.41'
3
RIM ELEV: 667.24'
SUMP ELEV: 660.00'
P-3B
SSP CLASS III-A 12-INCH
INV UP: 663.41'
INV DN: 663.24'
LENGTH: 34 FT
SLOPE: 0.50%
P-3A
SSP CLASS III-A 15-INCH
INV UP: 662.99'
INV DN: 662.47'
LENGTH: 47 FT
SLOPE: 1.11%

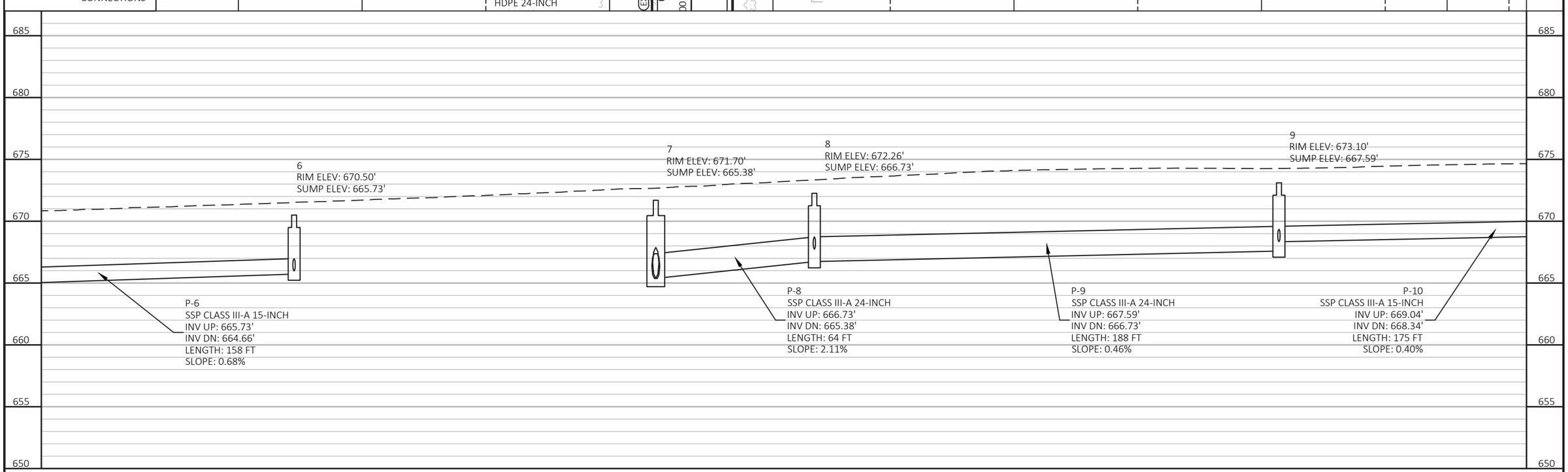

680
675
670
665
660
655
650
3C
RIM ELEV: 668.19'
SUMP ELEV: 663.78'
3A
RIM ELEV: 667.99'
SUMP ELEV: 662.99'
P-3C
SSP CLASS III-A 12-INCH
INV UP: 663.78'
INV DN: 663.24'
LENGTH: 20 FT
SLOPE: 2.70%


680
675
670
665
660
655
650
4A
RIM ELEV: 669.17'
SUMP ELEV: 664.58'
P-4C
PVC SCH 40 6-INCH
INV UP: 668.23'
INV DN: 665.58'
LENGTH: 12 FT
SLOPE: 22.77%

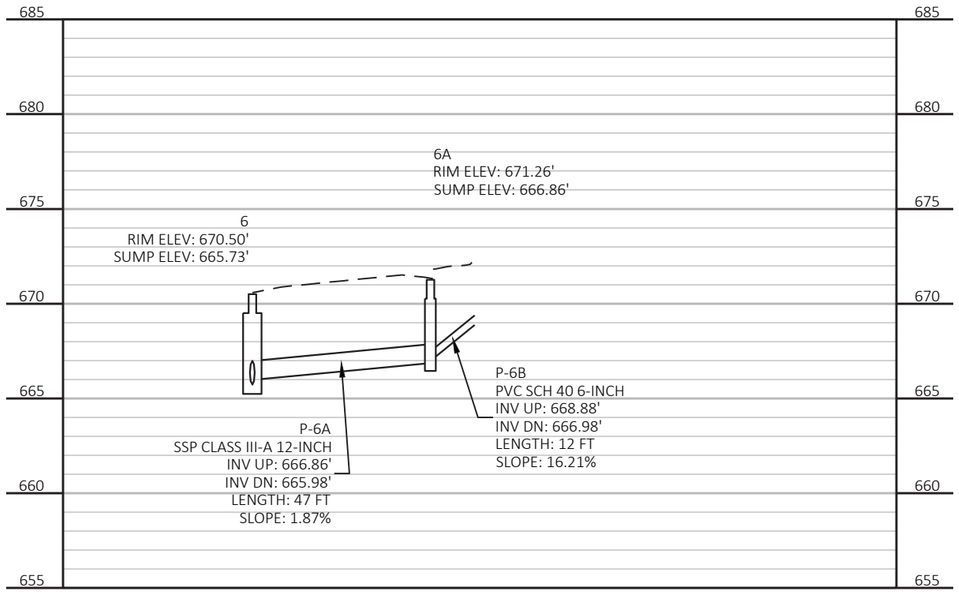

680
675
670
665
660
655
650
4A
RIM ELEV: 669.17'
SUMP ELEV: 664.58'
4B
RIM ELEV: 669.44'
SUMP ELEV: 665.04'
4
RIM ELEV: 668.40'
SUMP ELEV: 662.89'
P-4A
SSP CLASS III-A 12-INCH
INV UP: 664.58'
INV DN: 663.99'
LENGTH: 47 FT
SLOPE: 1.26%
P-4B
SSP CLASS III-A 12-INCH
INV UP: 665.04'
INV DN: 664.58'
LENGTH: 40 FT
SLOPE: 1.15%

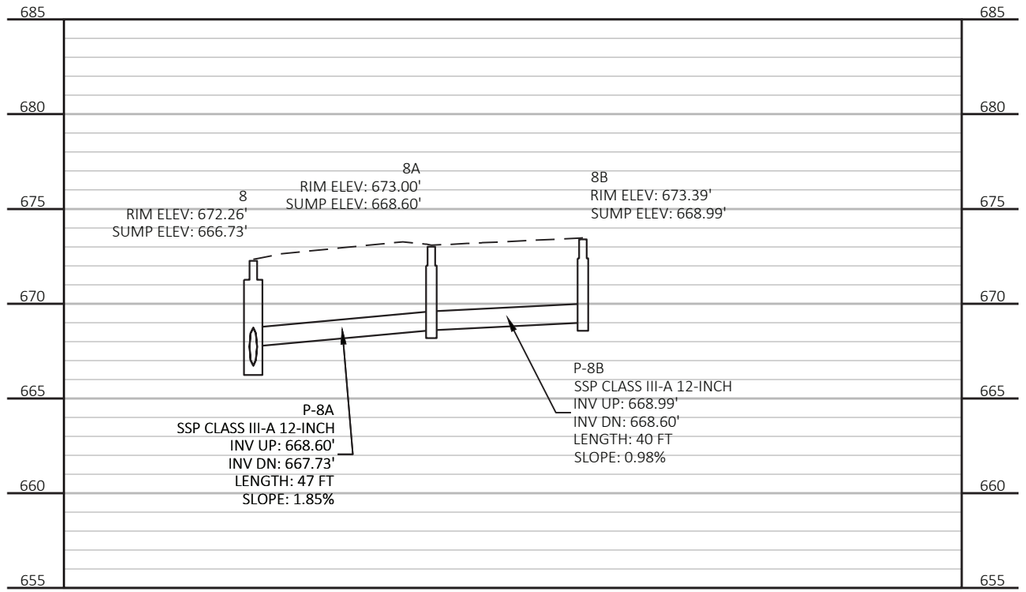

680
675
670
665
660
655
650
5
RIM ELEV: 669.42'
SUMP ELEV: 663.91'
5A
RIM ELEV: 670.18'
SUMP ELEV: 665.60'
P-5A
SSP CLASS III-A 12-INCH
INV UP: 665.60'
INV DN: 664.81'
LENGTH: 47 FT
SLOPE: 1.68%

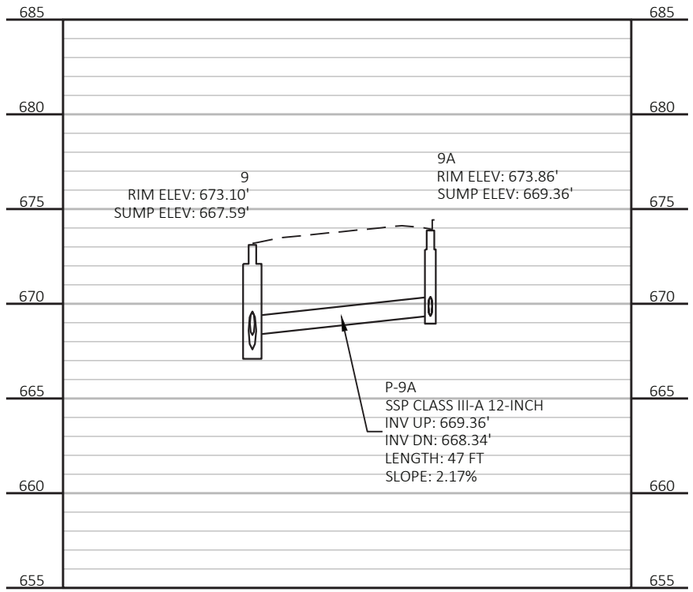


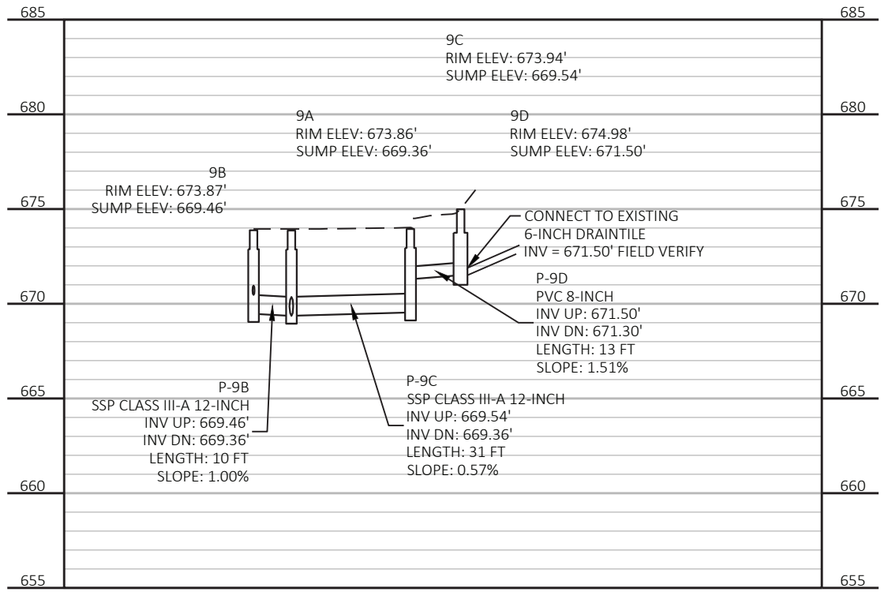


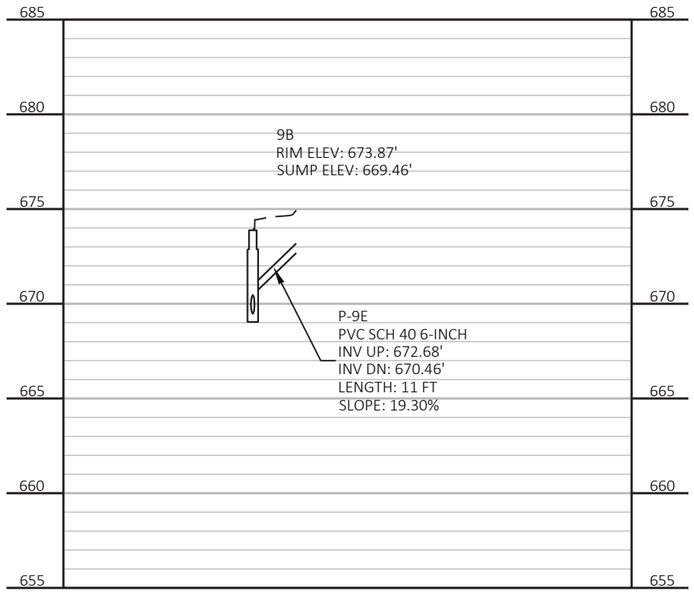
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 70	E



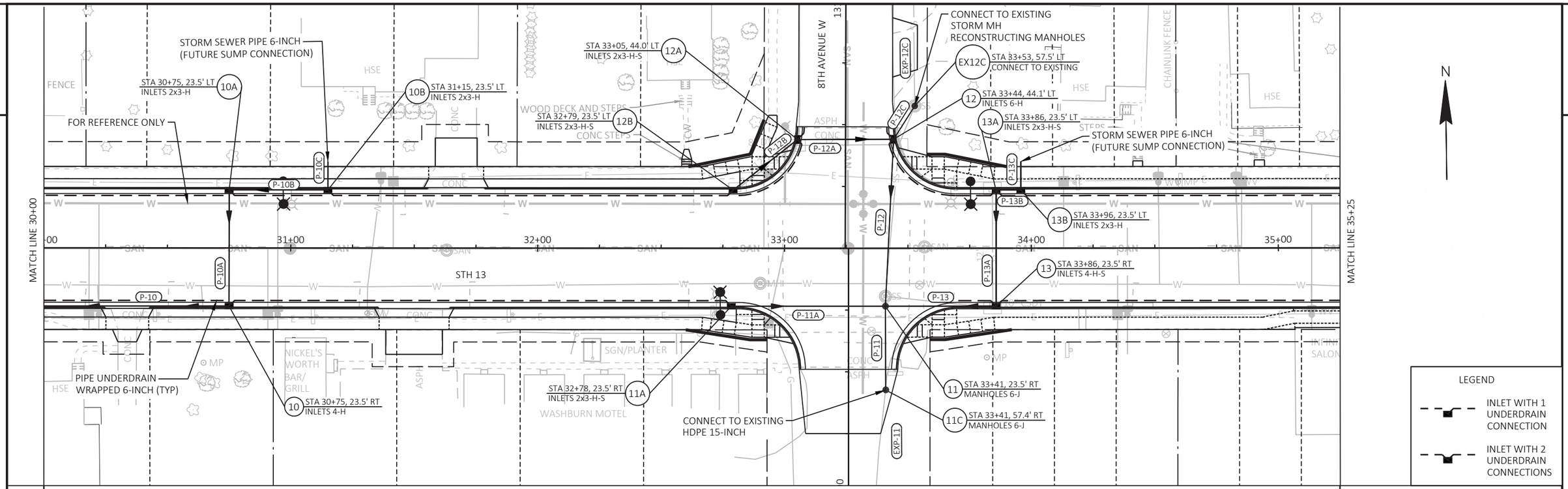


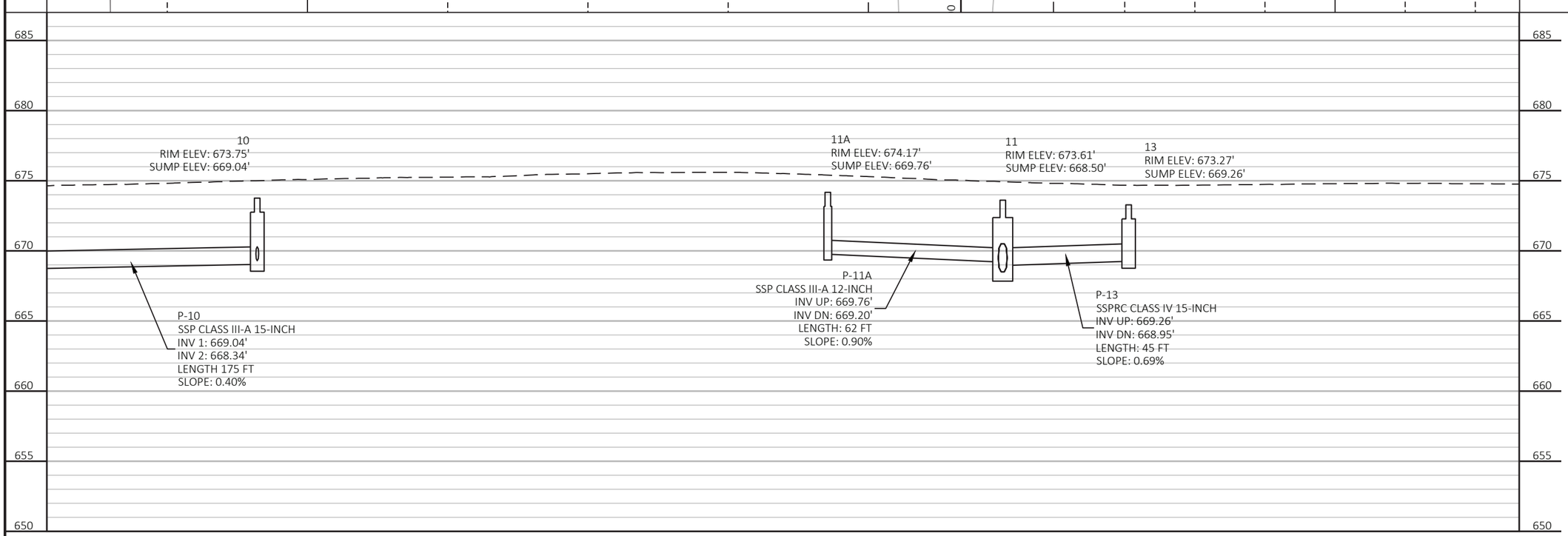




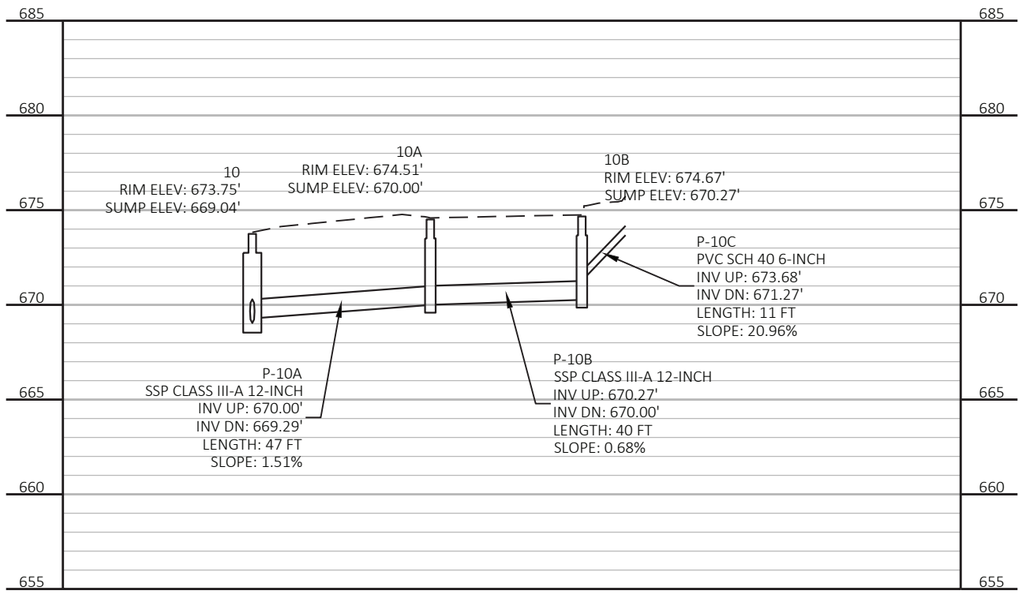


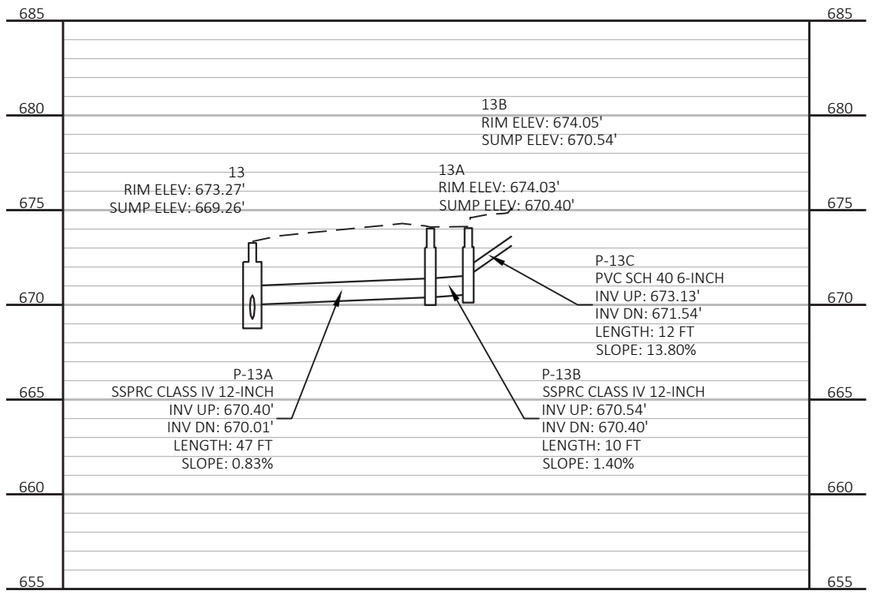
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 71	E

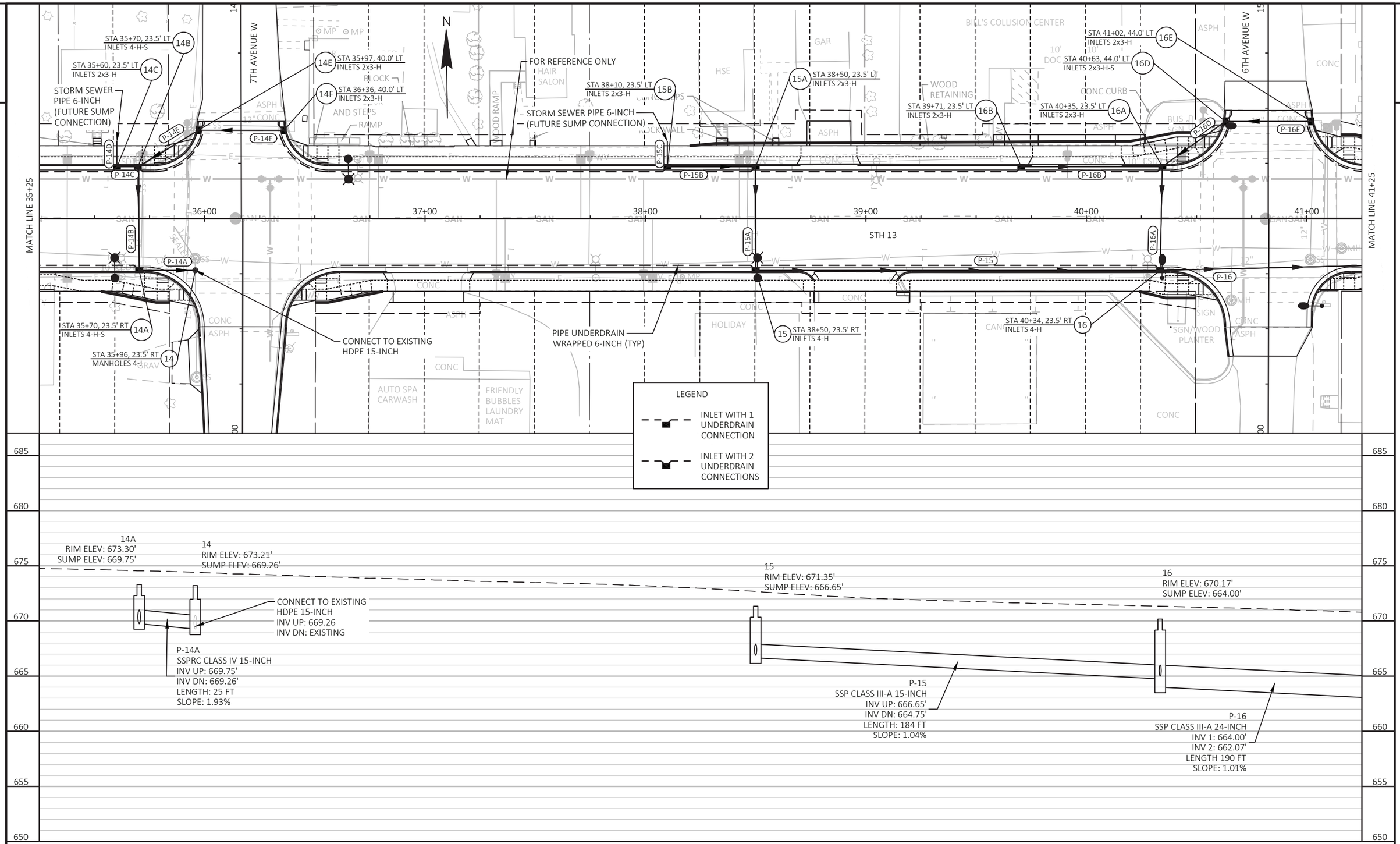




PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 72	E


685
680
675
670
665
660
655
10
RIM ELEV: 673.75'
SUMP ELEV: 669.04'
10A
RIM ELEV: 674.51'
SUMP ELEV: 670.00'
10B
RIM ELEV: 674.67'
SUMP ELEV: 670.27'
P-10C
PVC SCH 40 6-INCH
INV UP: 673.68'
INV DN: 671.27'
LENGTH: 11 FT
SLOPE: 20.96%
P-10A
SSP CLASS III-A 12-INCH
INV UP: 670.00'
INV DN: 669.29'
LENGTH: 47 FT
SLOPE: 1.51%
P-10B
SSP CLASS III-A 12-INCH
INV UP: 670.27'
INV DN: 670.00'
LENGTH: 40 FT
SLOPE: 0.68%


685
680
675
670
665
660
655
13B
RIM ELEV: 674.05'
SUMP ELEV: 670.54'
13
RIM ELEV: 673.27'
SUMP ELEV: 669.26'
13A
RIM ELEV: 674.03'
SUMP ELEV: 670.40'
P-13C
PVC SCH 40 6-INCH
INV UP: 673.13'
INV DN: 671.54'
LENGTH: 12 FT
SLOPE: 13.80%
P-13A
SSPRC CLASS IV 12-INCH
INV UP: 670.40'
INV DN: 670.01'
LENGTH: 47 FT
SLOPE: 0.83%
P-13B
SSPRC CLASS IV 12-INCH
INV UP: 670.54'
INV DN: 670.40'
LENGTH: 10 FT
SLOPE: 1.40%



14A
RIM ELEV: 673.30'
SUMP ELEV: 669.75'

14
RIM ELEV: 673.21'
SUMP ELEV: 669.26'

CONNECT TO EXISTING
HDPE 15-INCH
INV UP: 669.26
INV DN: EXISTING

P-14A
SSPRC CLASS IV 15-INCH
INV UP: 669.75'
INV DN: 669.26'
LENGTH: 25 FT
SLOPE: 1.93%

15
RIM ELEV: 671.35'
SUMP ELEV: 666.65'

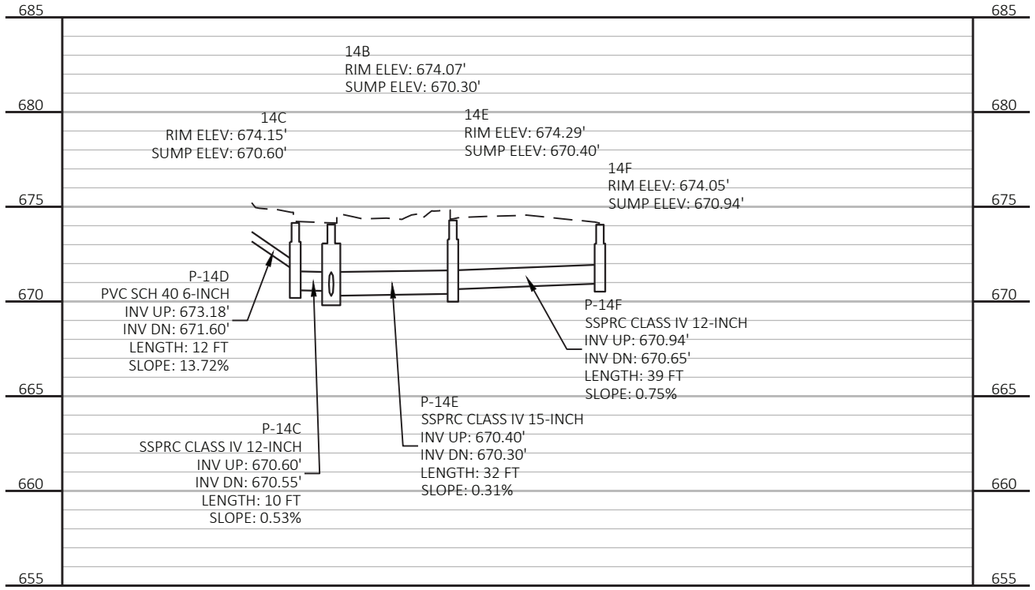
P-15
SSP CLASS III-A 15-INCH
INV UP: 666.65'
INV DN: 664.75'
LENGTH: 184 FT
SLOPE: 1.04%

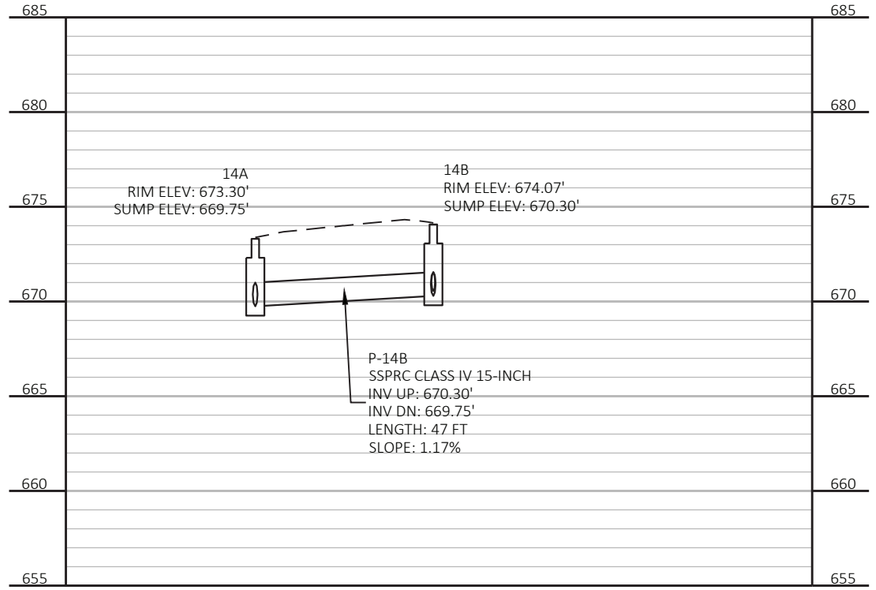
16
RIM ELEV: 670.17'
SUMP ELEV: 664.00'

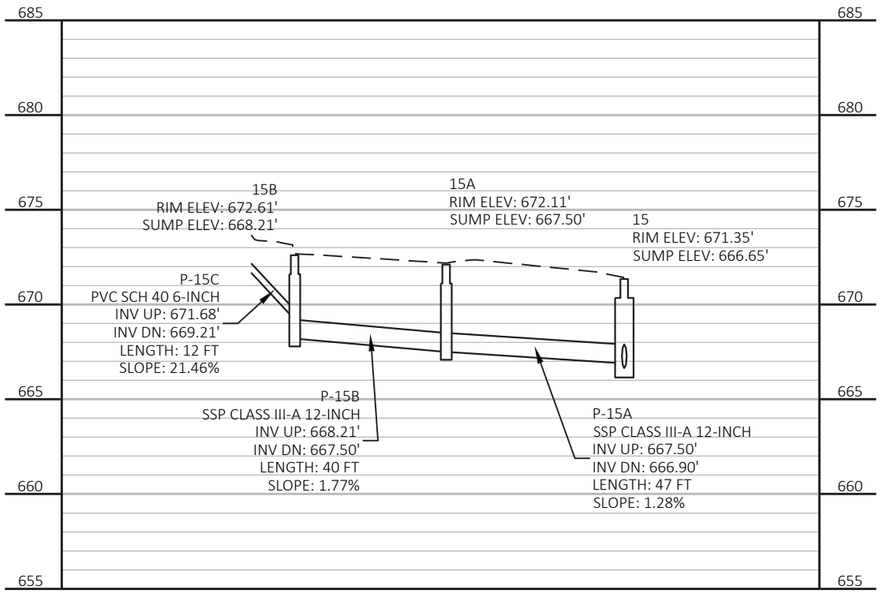
P-16
SSP CLASS III-A 24-INCH
INV 1: 664.00'
INV 2: 662.07'
LENGTH 190 FT
SLOPE: 1.01%

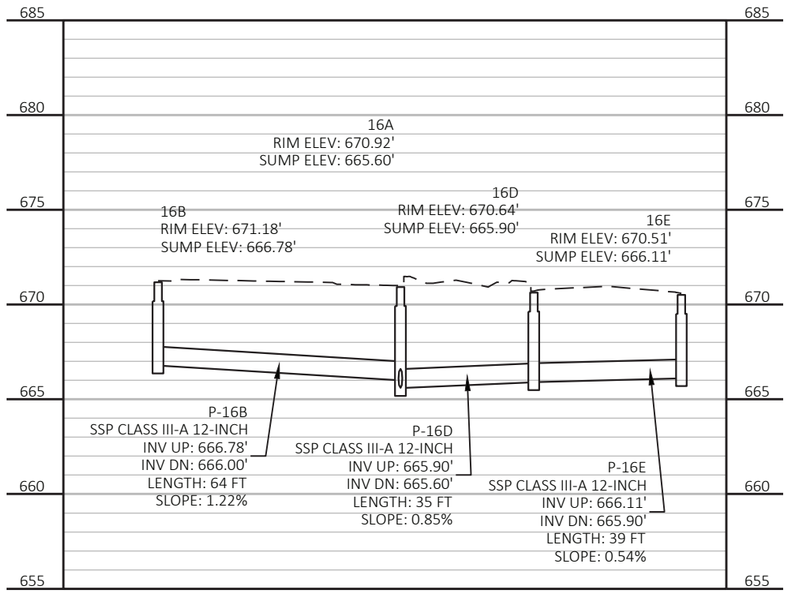
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 74	E

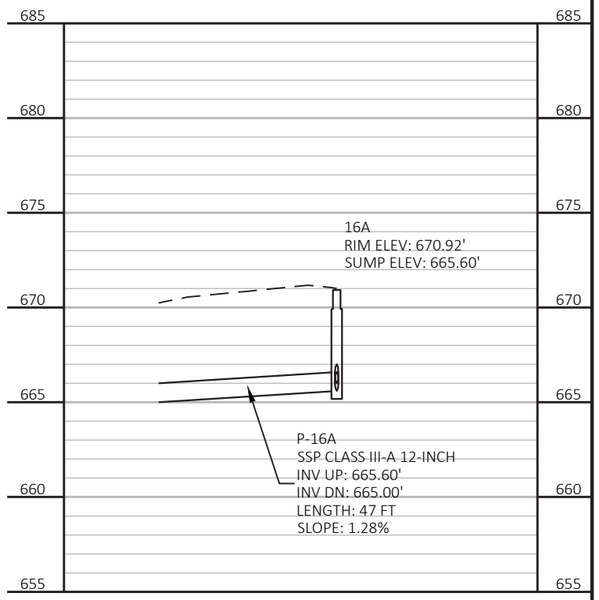
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 04
PLOT DATE : 5/9/2023 11:34 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

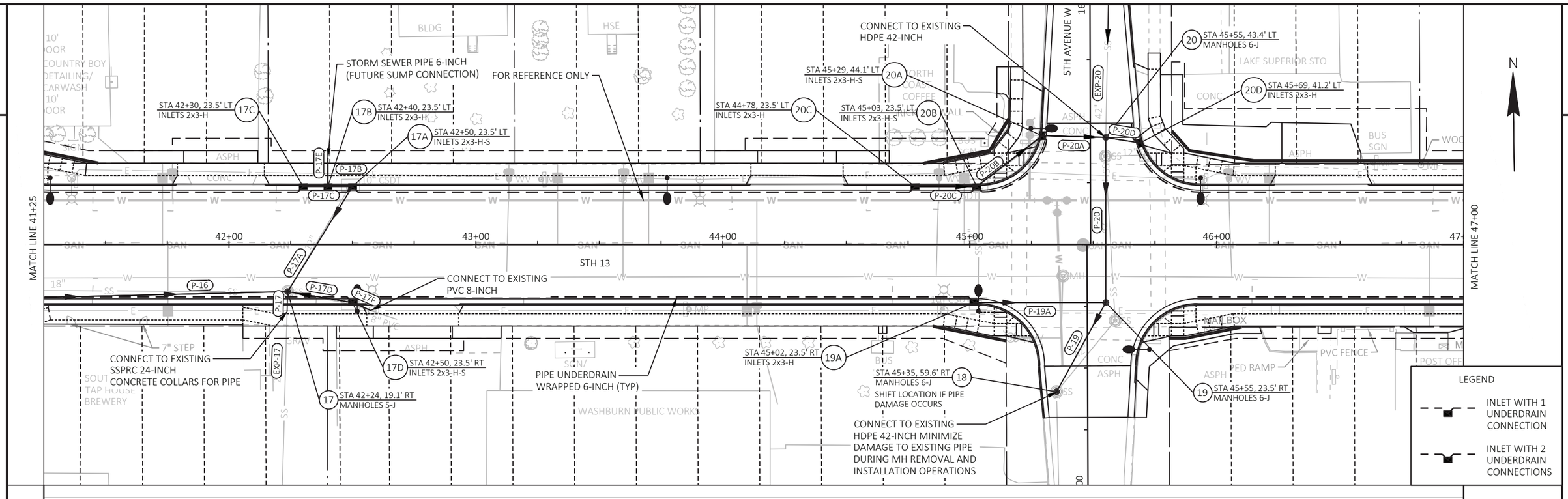

685
680
675
670
665
660
655
14B
RIM ELEV: 674.07'
SUMP ELEV: 670.30'
14C
RIM ELEV: 674.15'
SUMP ELEV: 670.60'
14E
RIM ELEV: 674.29'
SUMP ELEV: 670.40'
14F
RIM ELEV: 674.05'
SUMP ELEV: 670.94'
P-14D
PVC SCH 40 6-INCH
INV UP: 673.18'
INV DN: 671.60'
LENGTH: 12 FT
SLOPE: 13.72%
P-14F
SSPRC CLASS IV 12-INCH
INV UP: 670.94'
INV DN: 670.65'
LENGTH: 39 FT
SLOPE: 0.75%
P-14E
SSPRC CLASS IV 15-INCH
INV UP: 670.40'
INV DN: 670.30'
LENGTH: 32 FT
SLOPE: 0.31%
P-14C
SSPRC CLASS IV 12-INCH
INV UP: 670.60'
INV DN: 670.55'
LENGTH: 10 FT
SLOPE: 0.53%

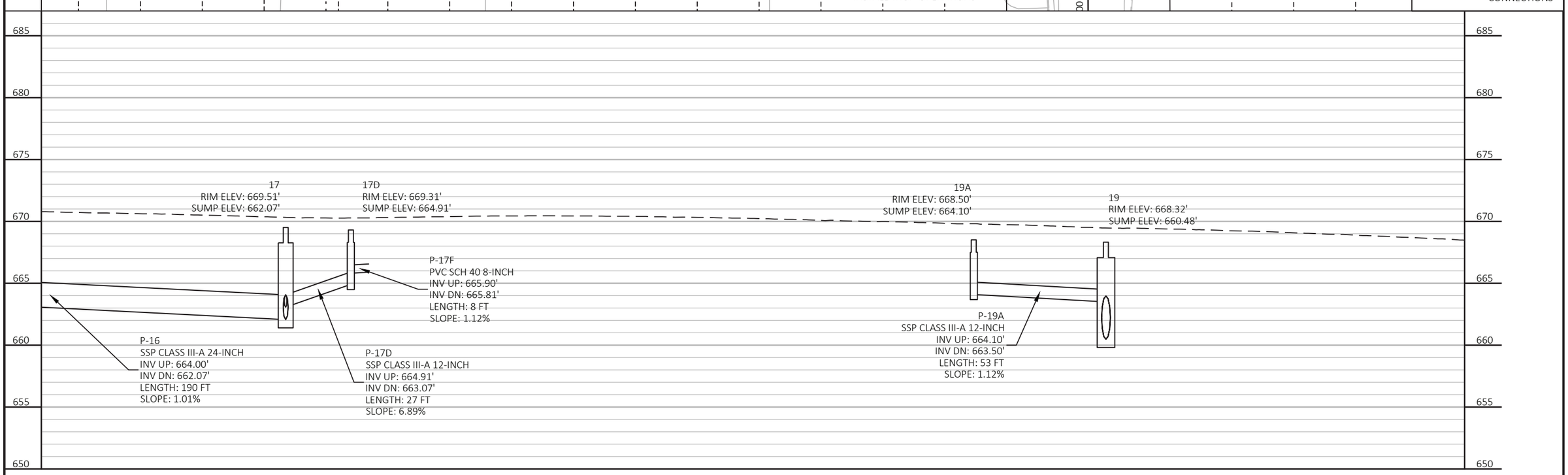

685
680
675
670
665
660
655
14A
RIM ELEV: 673.30'
SUMP ELEV: 669.75'
14B
RIM ELEV: 674.07'
SUMP ELEV: 670.30'
P-14B
SSPRC CLASS IV 15-INCH
INV UP: 670.30'
INV DN: 669.75'
LENGTH: 47 FT
SLOPE: 1.17%


685
680
675
670
665
660
655
15B
RIM ELEV: 672.61'
SUMP ELEV: 668.21'
15A
RIM ELEV: 672.11'
SUMP ELEV: 667.50'
15
RIM ELEV: 671.35'
SUMP ELEV: 666.65'
P-15C
PVC SCH 40 6-INCH
INV UP: 671.68'
INV DN: 669.21'
LENGTH: 12 FT
SLOPE: 21.46%
P-15B
SSP CLASS III-A 12-INCH
INV UP: 668.21'
INV DN: 667.50'
LENGTH: 40 FT
SLOPE: 1.77%
P-15A
SSP CLASS III-A 12-INCH
INV UP: 667.50'
INV DN: 666.90'
LENGTH: 47 FT
SLOPE: 1.28%

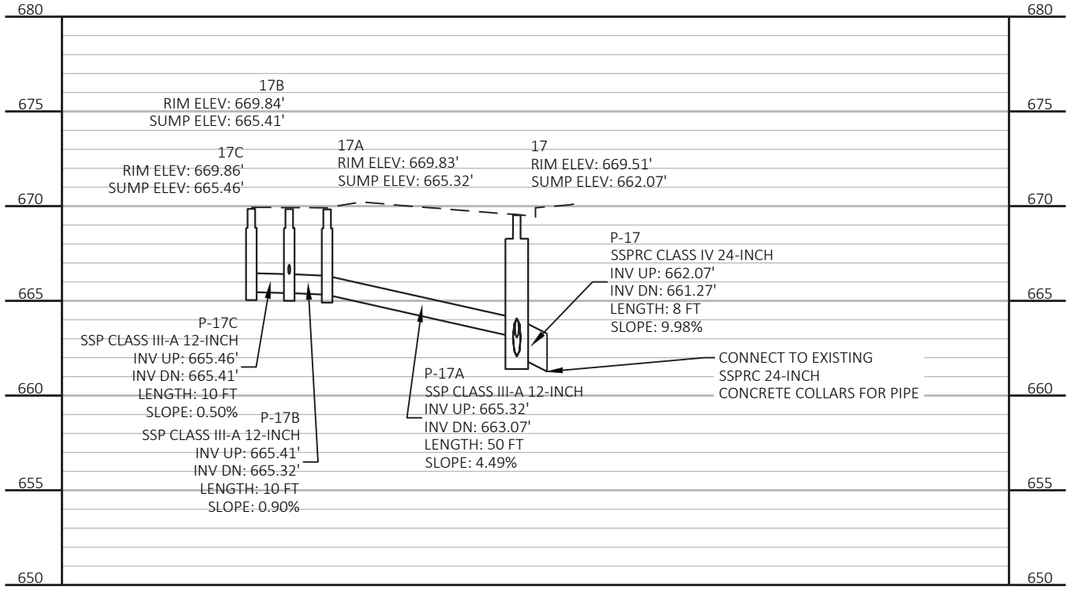

685
680
675
670
665
660
655
16A
RIM ELEV: 670.92'
SUMP ELEV: 665.60'
16B
RIM ELEV: 671.18'
SUMP ELEV: 666.78'
16D
RIM ELEV: 670.64'
SUMP ELEV: 665.90'
16E
RIM ELEV: 670.51'
SUMP ELEV: 666.11'
P-16B
SSP CLASS III-A 12-INCH
INV UP: 666.78'
INV DN: 666.00'
LENGTH: 64 FT
SLOPE: 1.22%
P-16D
SSP CLASS III-A 12-INCH
INV UP: 665.90'
INV DN: 665.60'
LENGTH: 35 FT
SLOPE: 0.85%
P-16E
SSP CLASS III-A 12-INCH
INV UP: 666.11'
INV DN: 665.90'
LENGTH: 39 FT
SLOPE: 0.54%

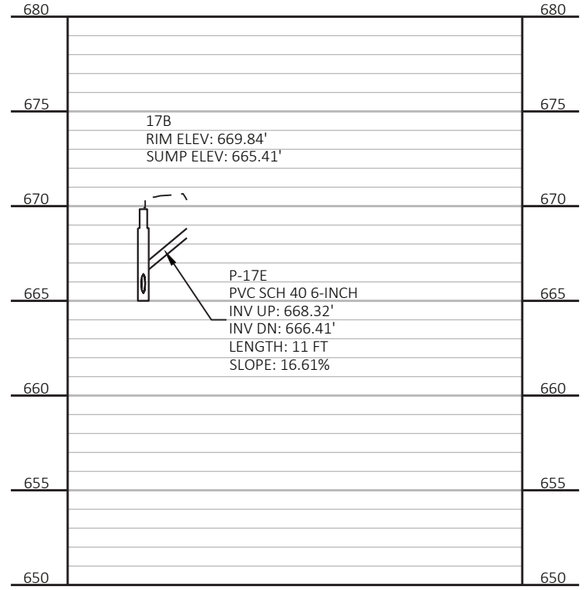

685
680
675
670
665
660
655
16A
RIM ELEV: 670.92'
SUMP ELEV: 665.60'
P-16A
SSP CLASS III-A 12-INCH
INV UP: 665.60'
INV DN: 665.00'
LENGTH: 47 FT
SLOPE: 1.28%

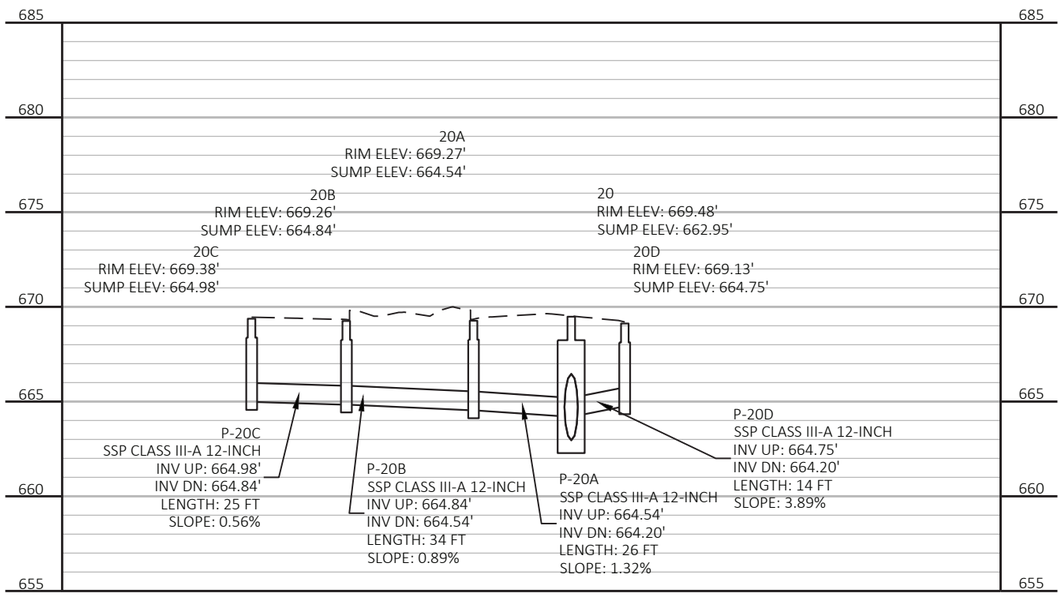


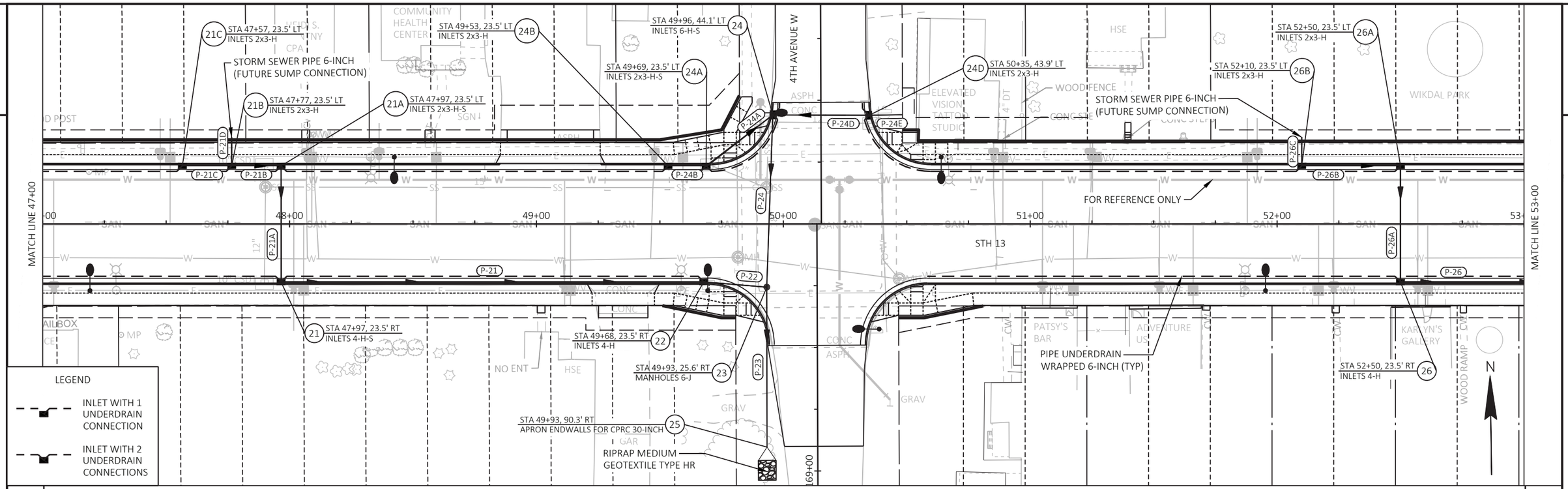


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 76	E


680
675
670
665
660
655
650
17B
RIM ELEV: 669.84'
SUMP ELEV: 665.41'
17C
RIM ELEV: 669.86'
SUMP ELEV: 665.46'
17A
RIM ELEV: 669.83'
SUMP ELEV: 665.32'
17
RIM ELEV: 669.51'
SUMP ELEV: 662.07'
P-17
SSPRC CLASS IV 24-INCH
INV UP: 662.07'
INV DN: 661.27'
LENGTH: 8 FT
SLOPE: 9.98%
CONNECT TO EXISTING
SSPRC 24-INCH
CONCRETE COLLARS FOR PIPE
P-17C
SSP CLASS III-A 12-INCH
INV UP: 665.46'
INV DN: 665.41'
LENGTH: 10 FT
SLOPE: 0.50%
P-17B
SSP CLASS III-A 12-INCH
INV UP: 665.41'
INV DN: 665.32'
LENGTH: 10 FT
SLOPE: 0.90%
P-17A
SSP CLASS III-A 12-INCH
INV UP: 665.32'
INV DN: 663.07'
LENGTH: 50 FT
SLOPE: 4.49%

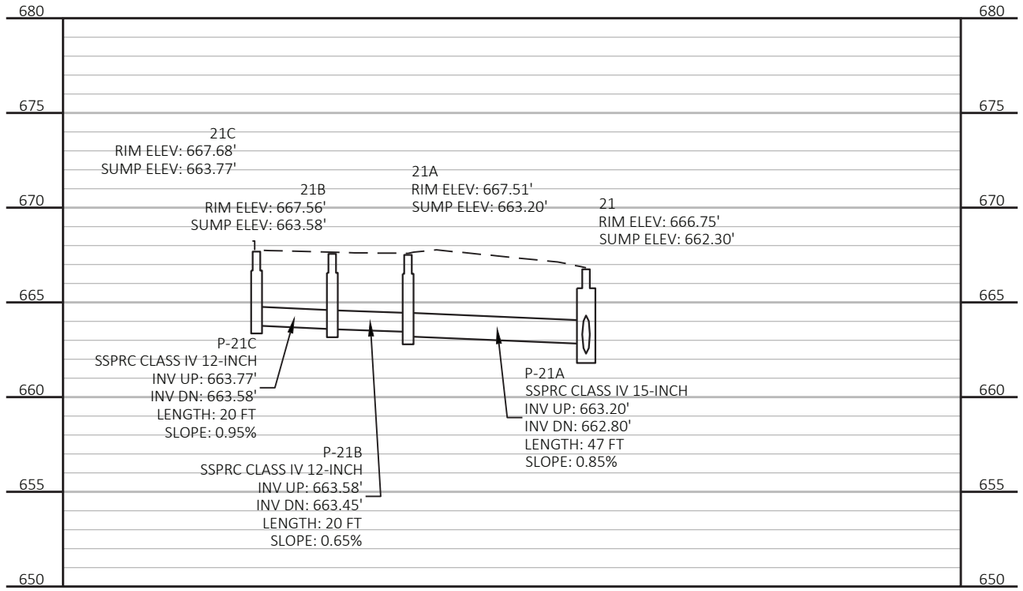

680
675
670
665
660
655
650
17B
RIM ELEV: 669.84'
SUMP ELEV: 665.41'
P-17E
PVC SCH 40 6-INCH
INV UP: 668.32'
INV DN: 666.41'
LENGTH: 11 FT
SLOPE: 16.61%

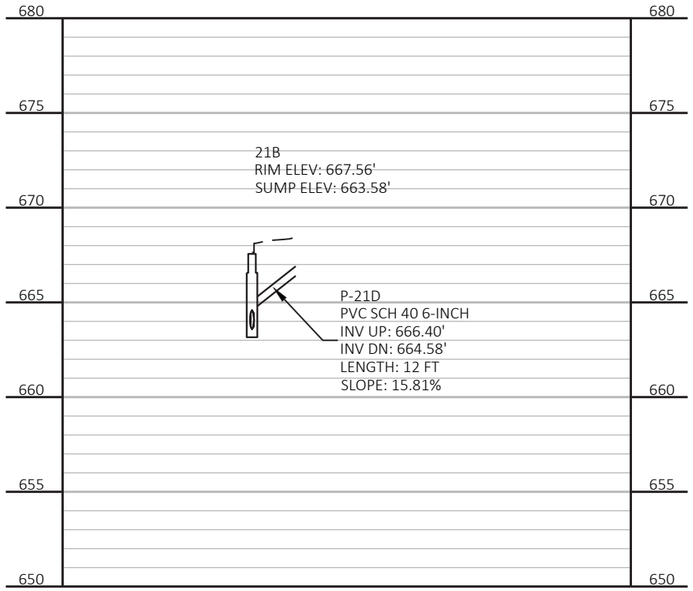

685
680
675
670
665
660
655
20A
RIM ELEV: 669.27'
SUMP ELEV: 664.54'
20B
RIM ELEV: 669.26'
SUMP ELEV: 664.84'
20
RIM ELEV: 669.48'
SUMP ELEV: 662.95'
20C
RIM ELEV: 669.38'
SUMP ELEV: 664.98'
20D
RIM ELEV: 669.13'
SUMP ELEV: 664.75'
P-20C
SSP CLASS III-A 12-INCH
INV UP: 664.98'
INV DN: 664.84'
LENGTH: 25 FT
SLOPE: 0.56%
P-20B
SSP CLASS III-A 12-INCH
INV UP: 664.84'
INV DN: 664.54'
LENGTH: 34 FT
SLOPE: 0.89%
P-20A
SSP CLASS III-A 12-INCH
INV UP: 664.54'
INV DN: 664.20'
LENGTH: 26 FT
SLOPE: 1.32%
P-20D
SSP CLASS III-A 12-INCH
INV UP: 664.75'
INV DN: 664.20'
LENGTH: 14 FT
SLOPE: 3.89%

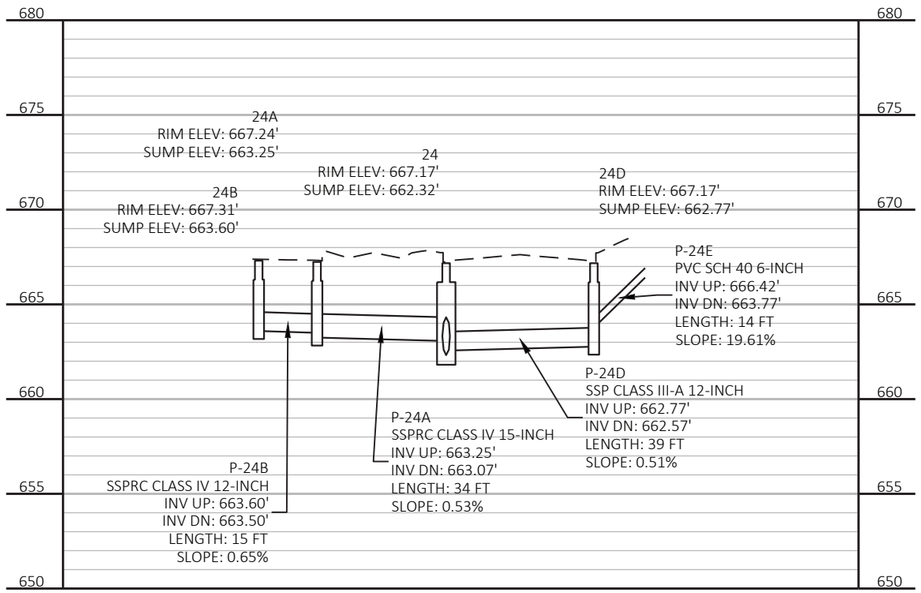


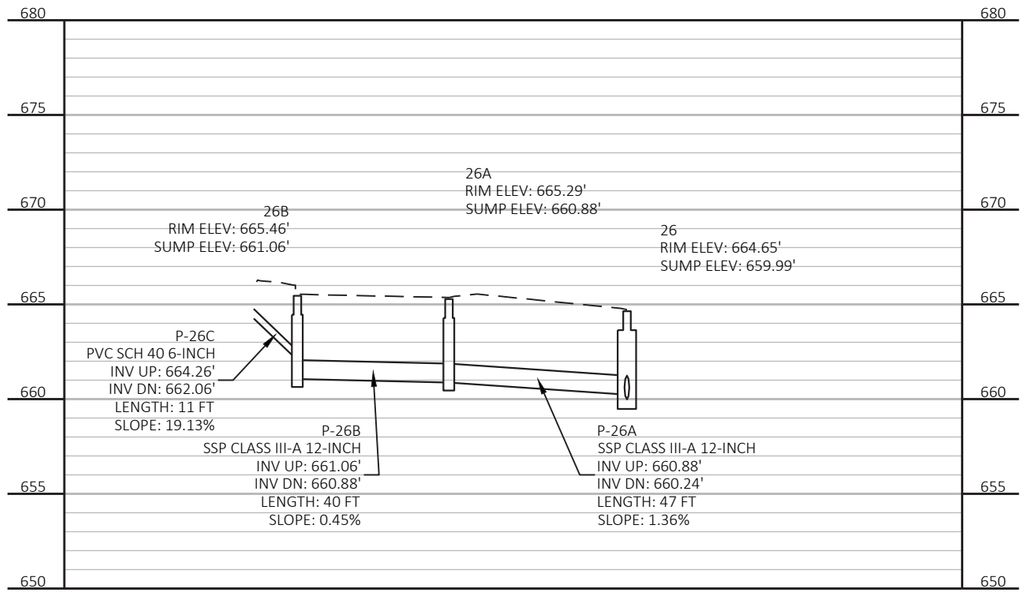
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 78	E

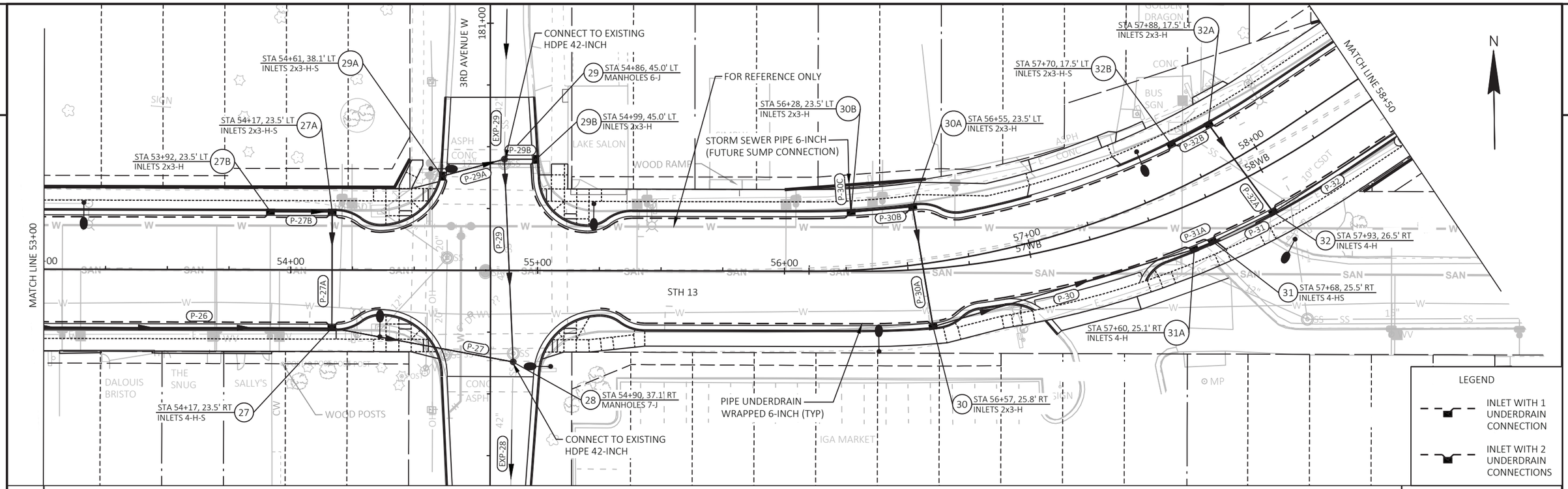
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 06
PLOT DATE : 5/9/2023 11:37 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41


680
675
670
665
660
655
650
21C
RIM ELEV: 667.68'
SUMP ELEV: 663.77'
21B
RIM ELEV: 667.56'
SUMP ELEV: 663.58'
21A
RIM ELEV: 667.51'
SUMP ELEV: 663.20'
21
RIM ELEV: 666.75'
SUMP ELEV: 662.30'
P-21C
SSPRC CLASS IV 12-INCH
INV UP: 663.77'
INV DN: 663.58'
LENGTH: 20 FT
SLOPE: 0.95%
P-21B
SSPRC CLASS IV 12-INCH
INV UP: 663.58'
INV DN: 663.45'
LENGTH: 20 FT
SLOPE: 0.65%
P-21A
SSPRC CLASS IV 15-INCH
INV UP: 663.20'
INV DN: 662.80'
LENGTH: 47 FT
SLOPE: 0.85%


680
675
670
665
660
655
650
21B
RIM ELEV: 667.56'
SUMP ELEV: 663.58'
P-21D
PVC SCH 40 6-INCH
INV UP: 666.40'
INV DN: 664.58'
LENGTH: 12 FT
SLOPE: 15.81%

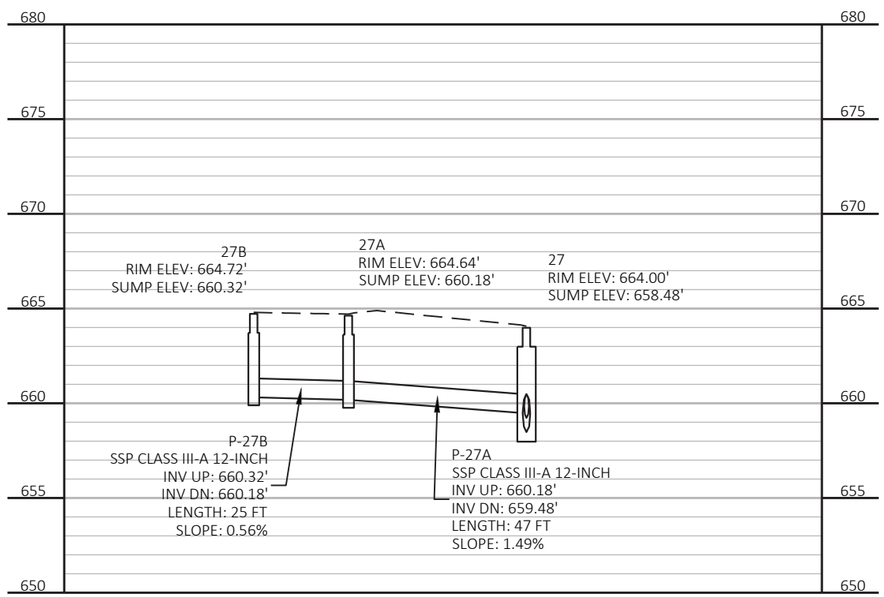

680
675
670
665
660
655
650
24A
RIM ELEV: 667.24'
SUMP ELEV: 663.25'
24B
RIM ELEV: 667.31'
SUMP ELEV: 663.60'
24
RIM ELEV: 667.17'
SUMP ELEV: 662.32'
24D
RIM ELEV: 667.17'
SUMP ELEV: 662.77'
P-24E
PVC SCH 40 6-INCH
INV UP: 666.42'
INV DN: 663.77'
LENGTH: 14 FT
SLOPE: 19.61%
P-24B
SSPRC CLASS IV 12-INCH
INV UP: 663.60'
INV DN: 663.50'
LENGTH: 15 FT
SLOPE: 0.65%
P-24A
SSPRC CLASS IV 15-INCH
INV UP: 663.25'
INV DN: 663.07'
LENGTH: 34 FT
SLOPE: 0.53%
P-24D
SSP CLASS III-A 12-INCH
INV UP: 662.77'
INV DN: 662.57'
LENGTH: 39 FT
SLOPE: 0.51%

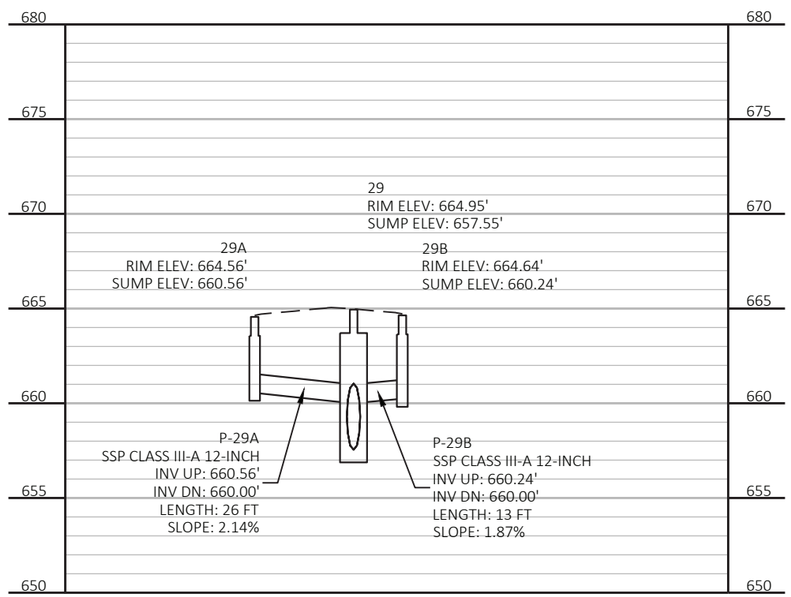

680
675
670
665
660
655
650
26B
RIM ELEV: 665.46'
SUMP ELEV: 661.06'
26A
RIM ELEV: 665.29'
SUMP ELEV: 660.88'
26
RIM ELEV: 664.65'
SUMP ELEV: 659.99'
P-26C
PVC SCH 40 6-INCH
INV UP: 664.26'
INV DN: 662.06'
LENGTH: 11 FT
SLOPE: 19.13%
P-26B
SSP CLASS III-A 12-INCH
INV UP: 661.06'
INV DN: 660.88'
LENGTH: 40 FT
SLOPE: 0.45%
P-26A
SSP CLASS III-A 12-INCH
INV UP: 660.88'
INV DN: 660.24'
LENGTH: 47 FT
SLOPE: 1.36%

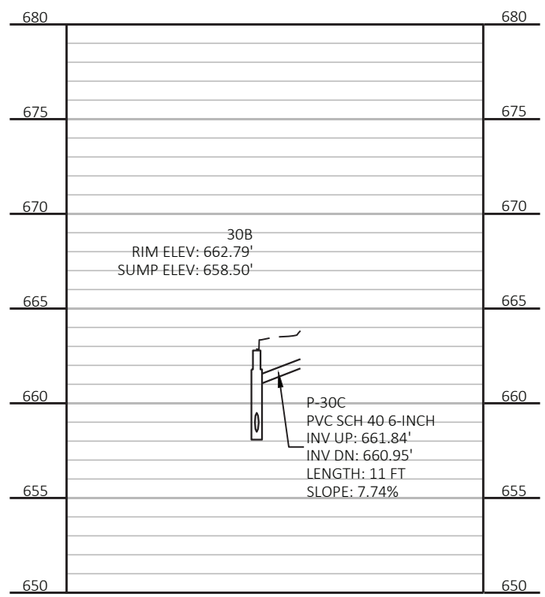


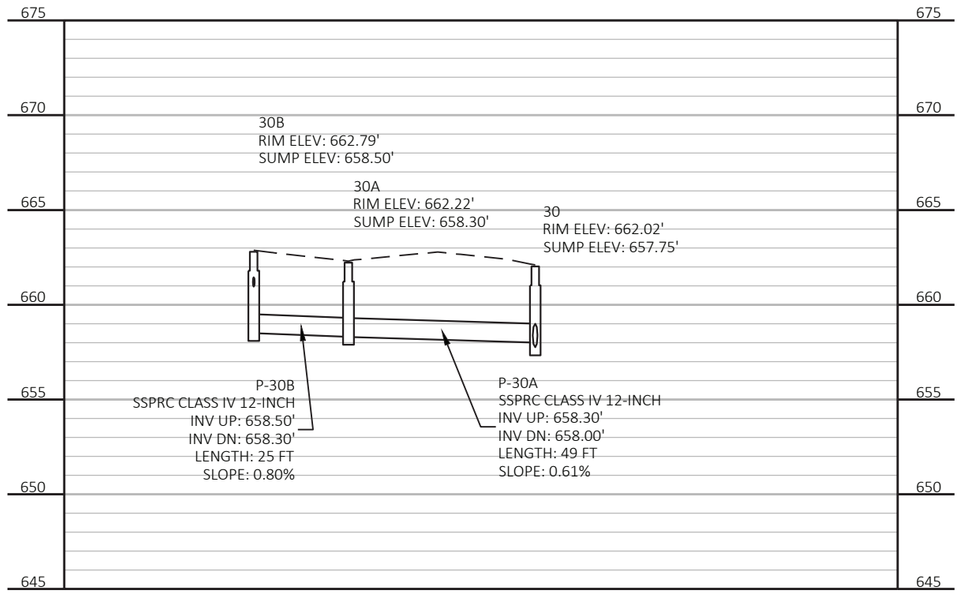
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 80	E

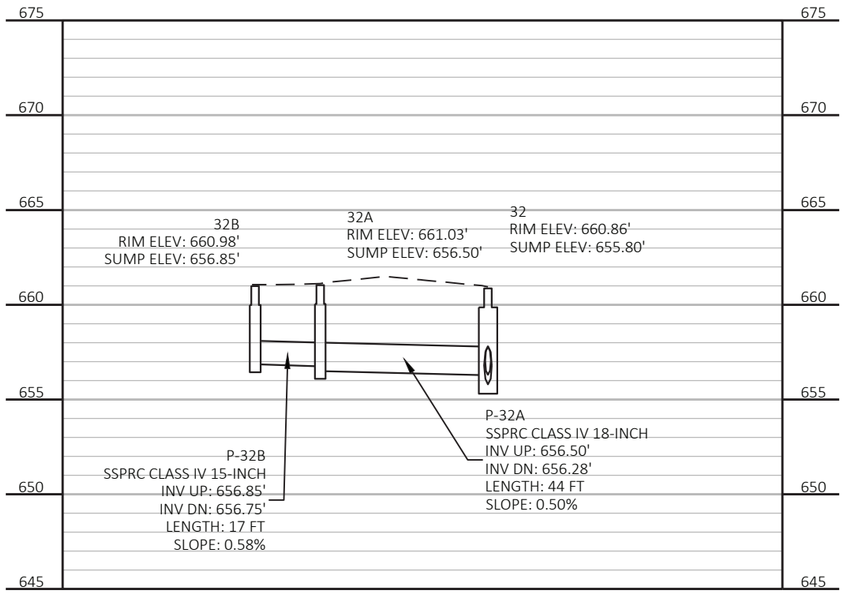
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 07
PLOT DATE : 5/9/2023 11:38 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

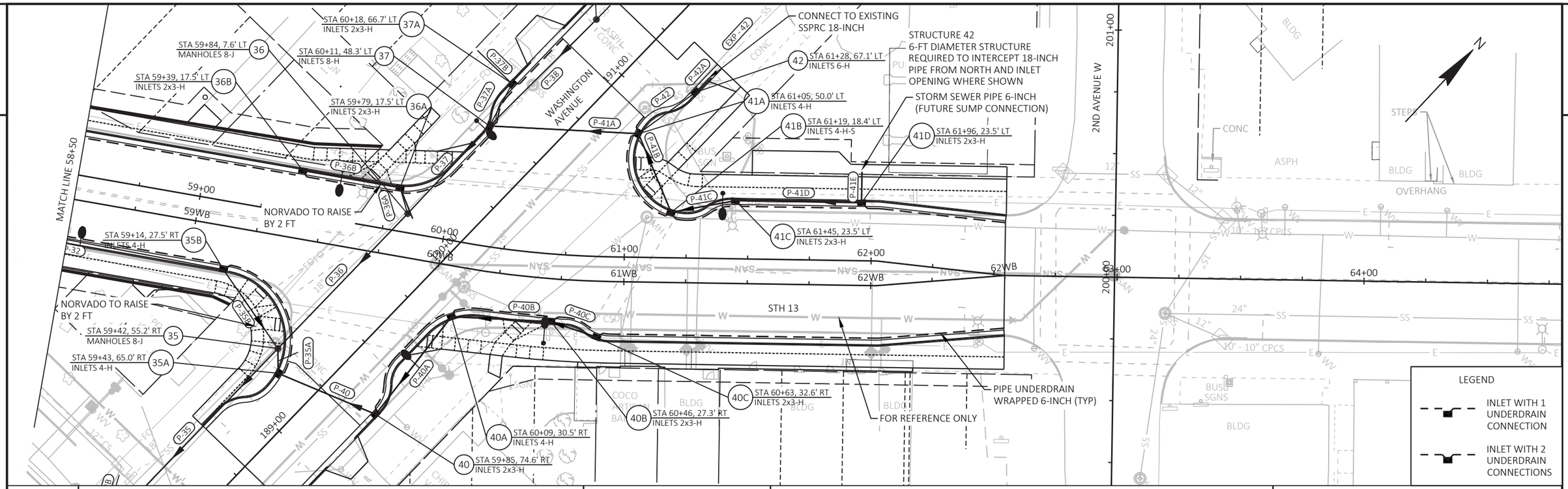

680
675
670
665
660
655
650
27B
RIM ELEV: 664.72'
SUMP ELEV: 660.32'
27A
RIM ELEV: 664.64'
SUMP ELEV: 660.18'
27
RIM ELEV: 664.00'
SUMP ELEV: 658.48'
P-27B
SSP CLASS III-A 12-INCH
INV UP: 660.32'
INV DN: 660.18'
LENGTH: 25 FT
SLOPE: 0.56%
P-27A
SSP CLASS III-A 12-INCH
INV UP: 660.18'
INV DN: 659.48'
LENGTH: 47 FT
SLOPE: 1.49%

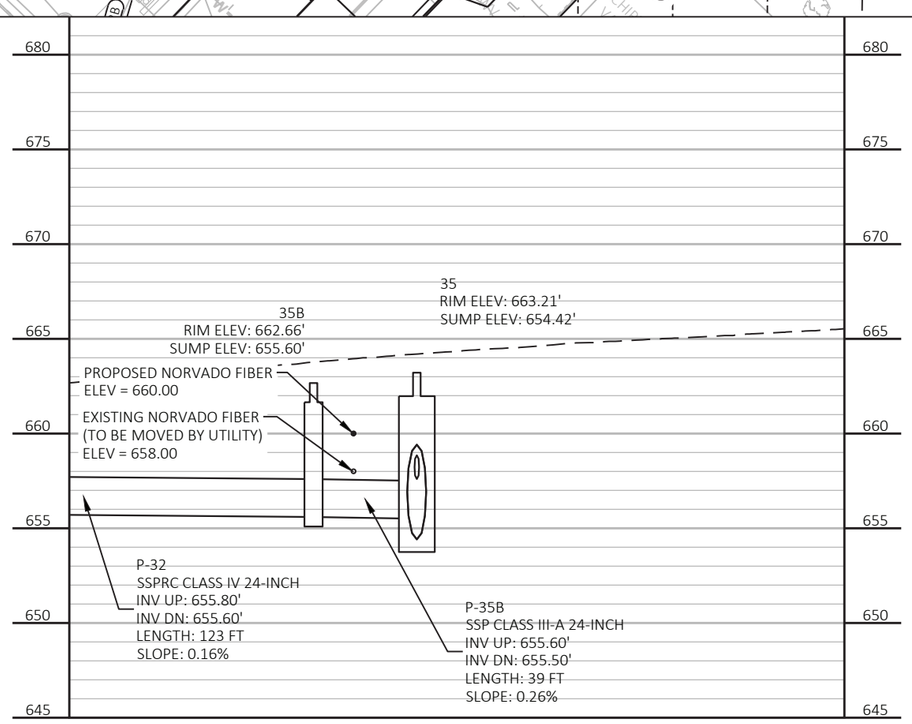

680
675
670
665
660
655
650
29
RIM ELEV: 664.95'
SUMP ELEV: 657.55'
29A
RIM ELEV: 664.56'
SUMP ELEV: 660.56'
29B
RIM ELEV: 664.64'
SUMP ELEV: 660.24'
P-29A
SSP CLASS III-A 12-INCH
INV UP: 660.56'
INV DN: 660.00'
LENGTH: 26 FT
SLOPE: 2.14%
P-29B
SSP CLASS III-A 12-INCH
INV UP: 660.24'
INV DN: 660.00'
LENGTH: 13 FT
SLOPE: 1.87%

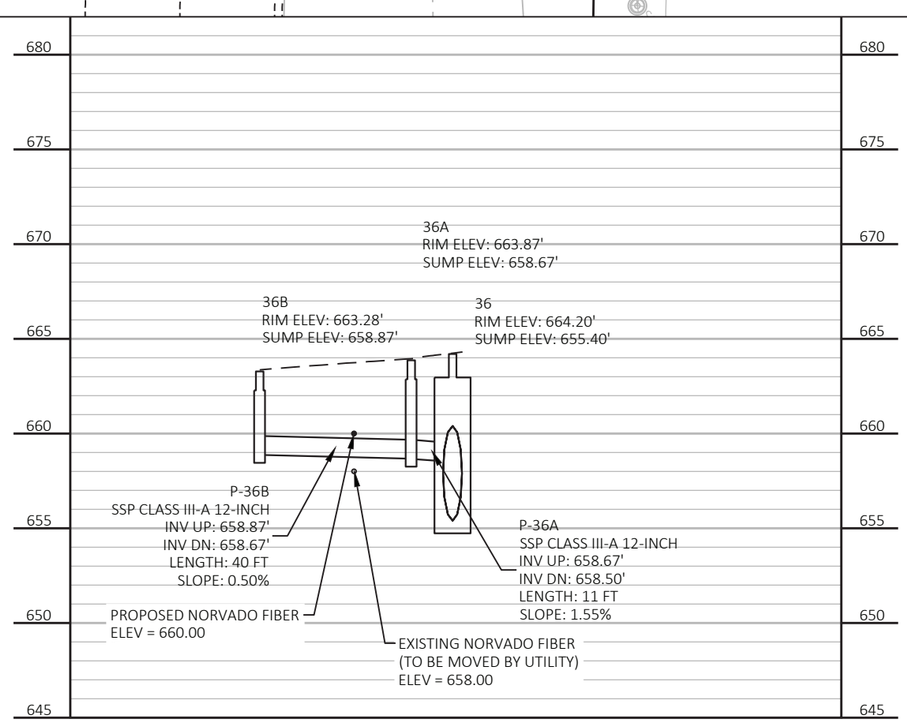

680
675
670
665
660
655
650
30B
RIM ELEV: 662.79'
SUMP ELEV: 658.50'
P-30C
PVC SCH 40 6-INCH
INV UP: 661.84'
INV DN: 660.95'
LENGTH: 11 FT
SLOPE: 7.74%


675
670
665
660
655
650
645
30B
RIM ELEV: 662.79'
SUMP ELEV: 658.50'
30A
RIM ELEV: 662.22'
SUMP ELEV: 658.30'
30
RIM ELEV: 662.02'
SUMP ELEV: 657.75'
P-30B
SSPRC CLASS IV 12-INCH
INV UP: 658.50'
INV DN: 658.30'
LENGTH: 25 FT
SLOPE: 0.80%
P-30A
SSPRC CLASS IV 12-INCH
INV UP: 658.30'
INV DN: 658.00'
LENGTH: 49 FT
SLOPE: 0.61%

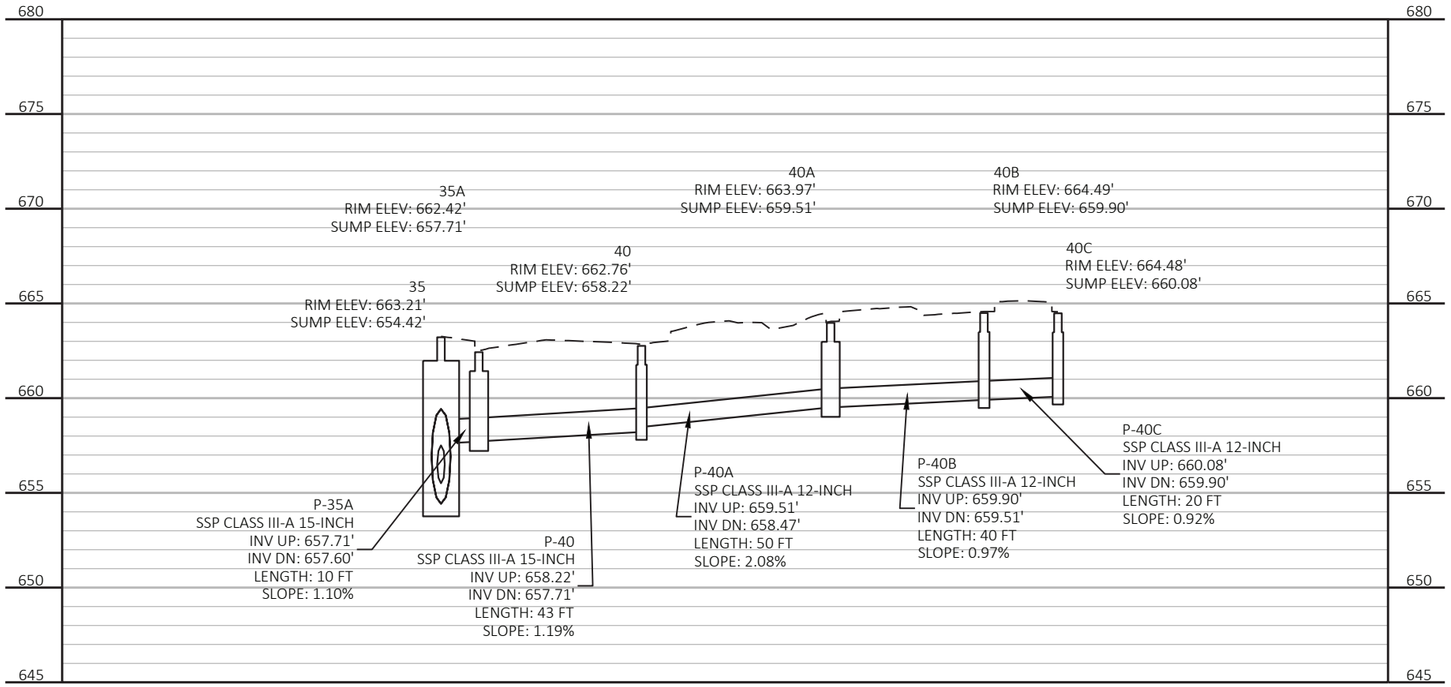

675
670
665
660
655
650
645
32B
RIM ELEV: 660.98'
SUMP ELEV: 656.85'
32A
RIM ELEV: 661.03'
SUMP ELEV: 656.50'
32
RIM ELEV: 660.86'
SUMP ELEV: 655.80'
P-32B
SSPRC CLASS IV 15-INCH
INV UP: 656.85'
INV DN: 656.75'
LENGTH: 17 FT
SLOPE: 0.58%
P-32A
SSPRC CLASS IV 18-INCH
INV UP: 656.50'
INV DN: 656.28'
LENGTH: 44 FT
SLOPE: 0.50%

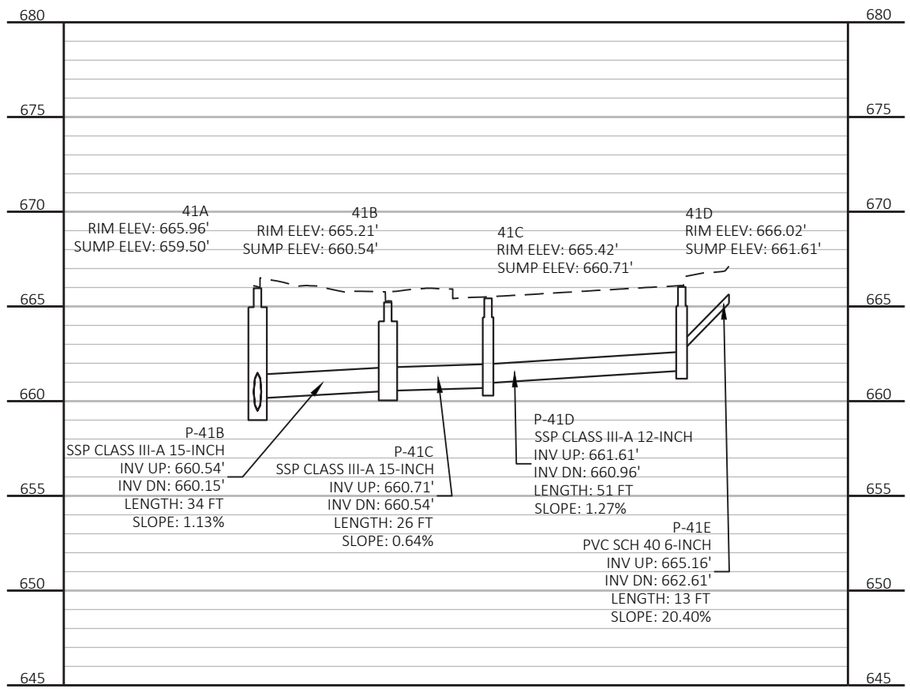


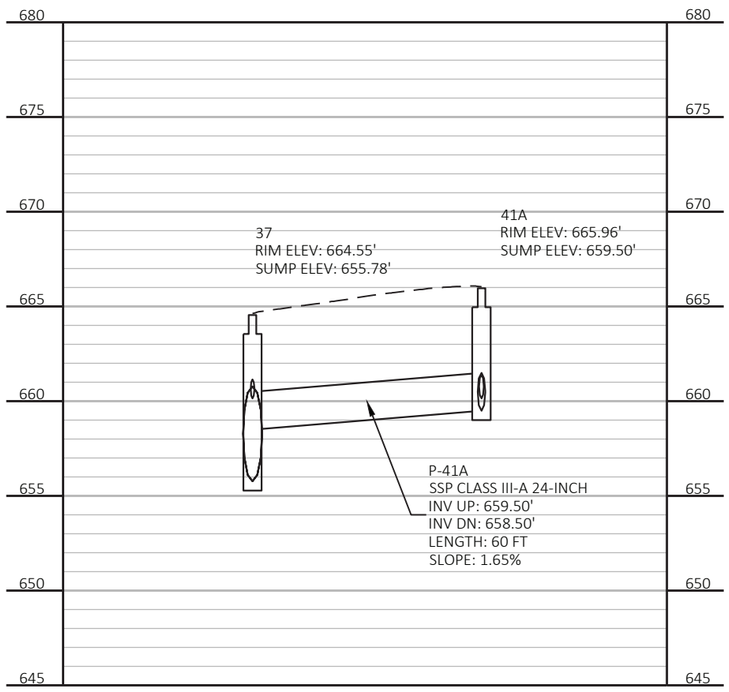




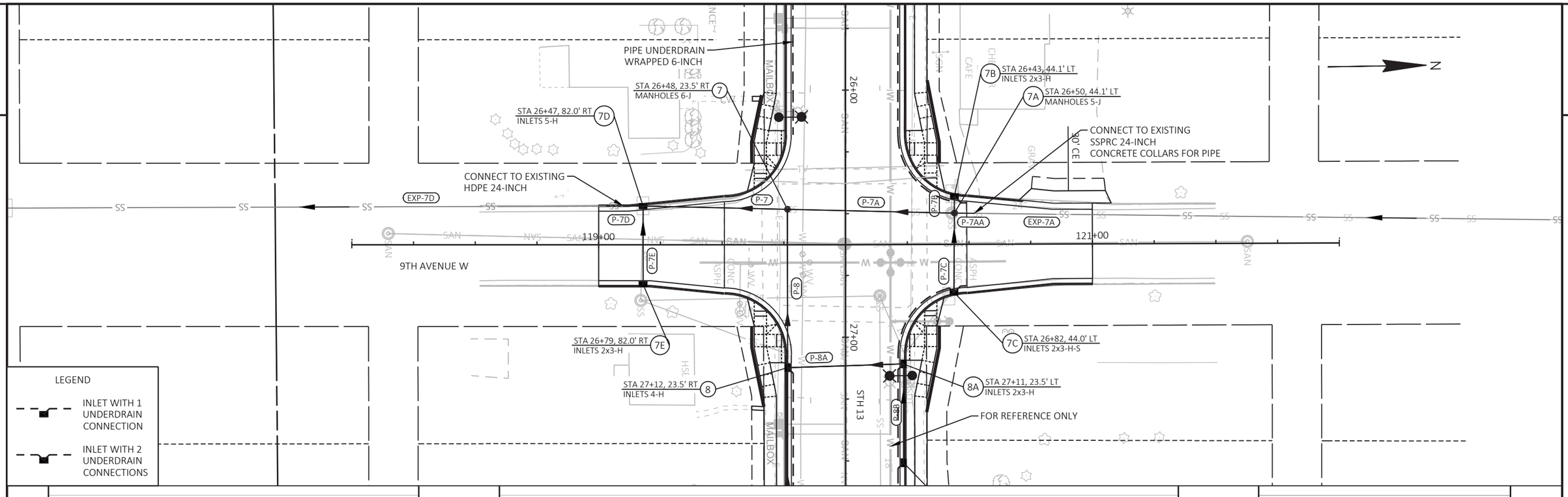
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 82	E

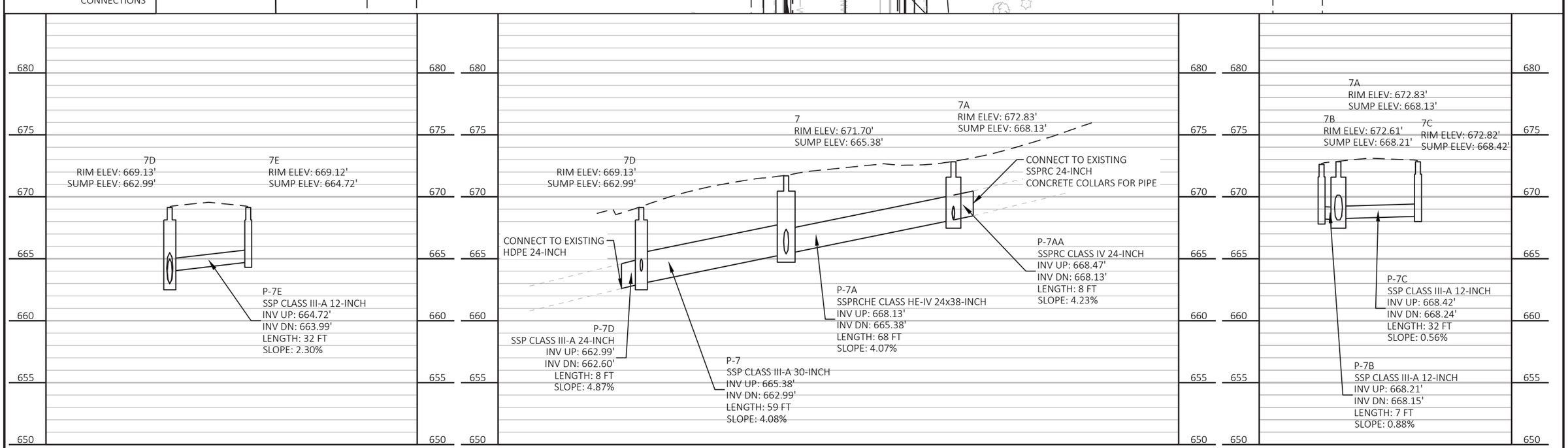






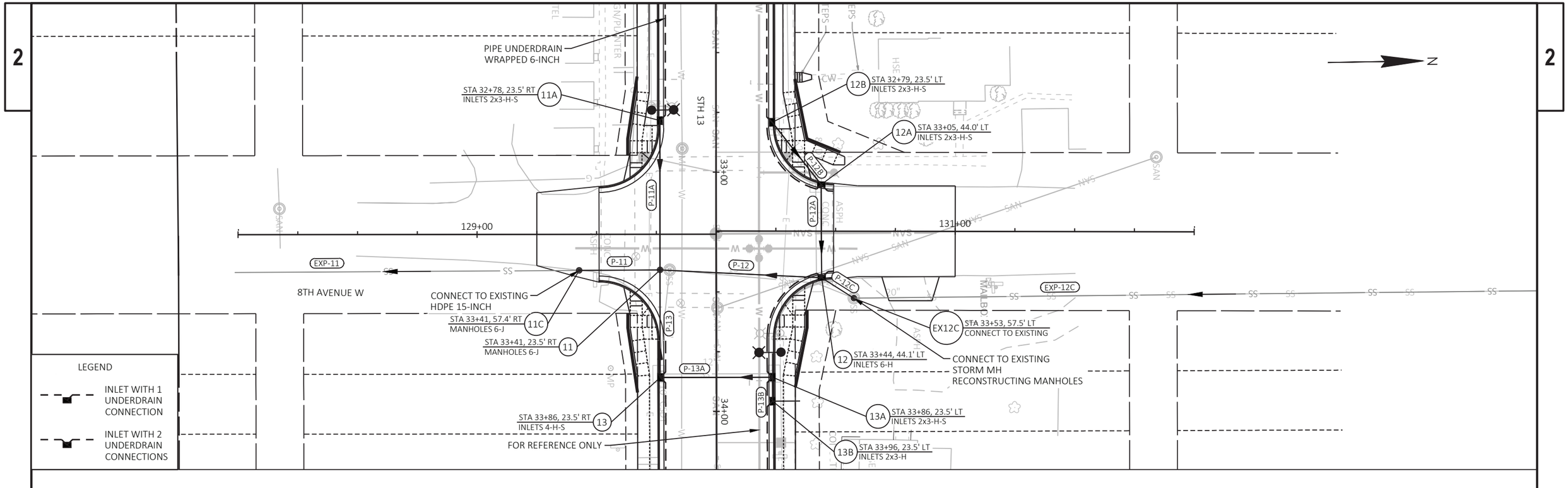
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 83	E

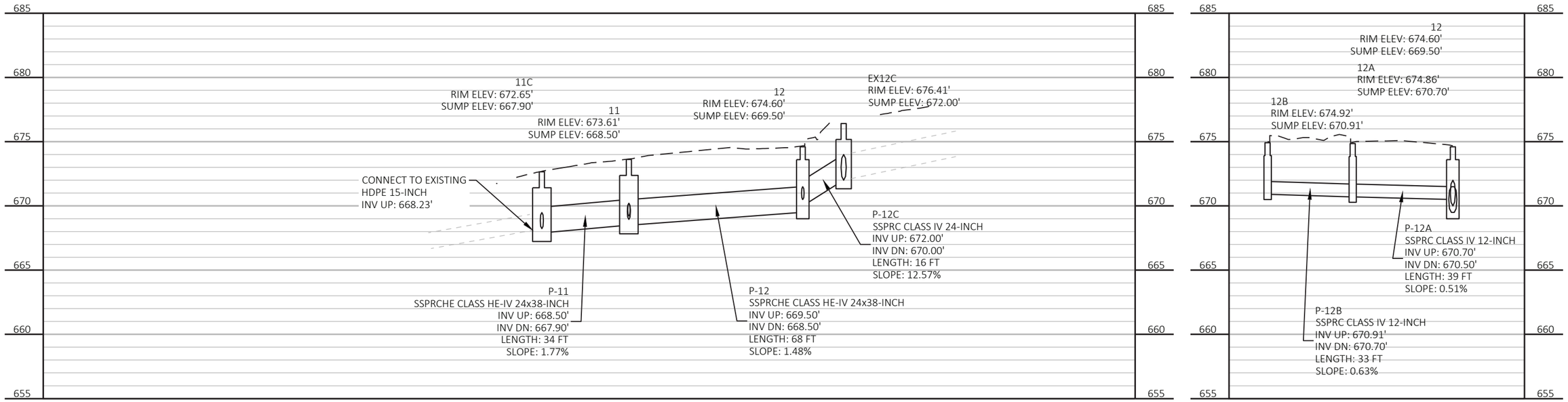




PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 84	E

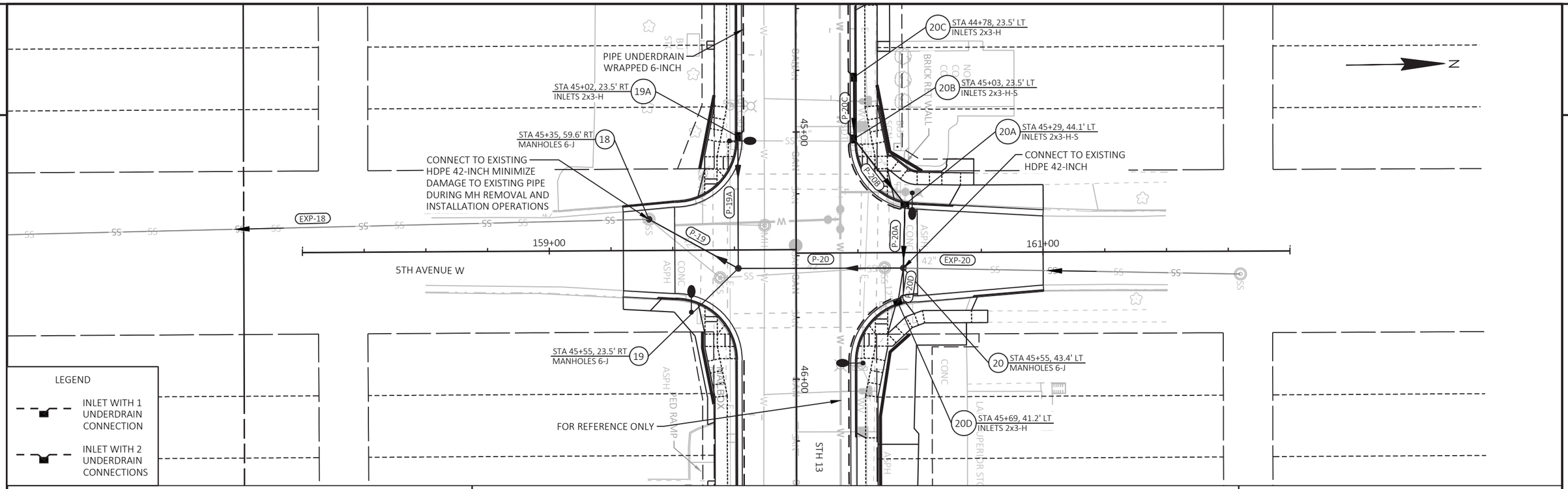
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022502_SS.DWG
LAYOUT NAME - 09
PLOT DATE : 5/9/2023 11:51 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

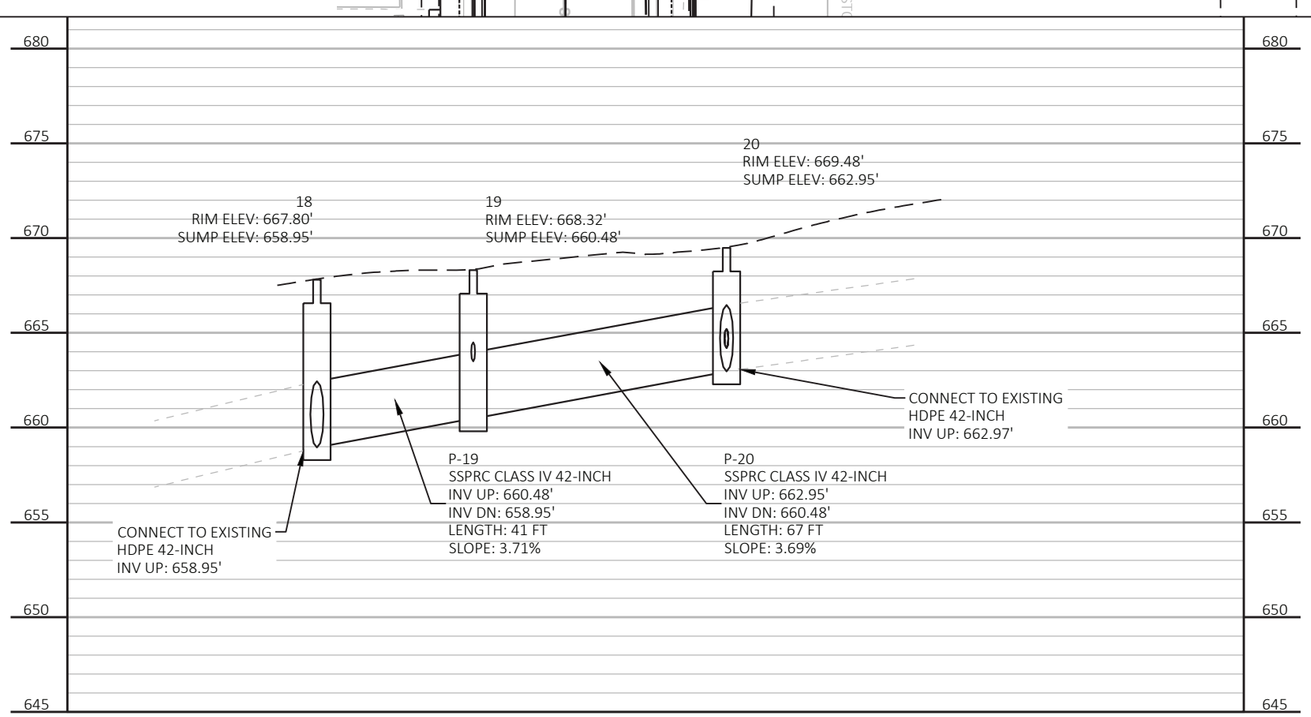


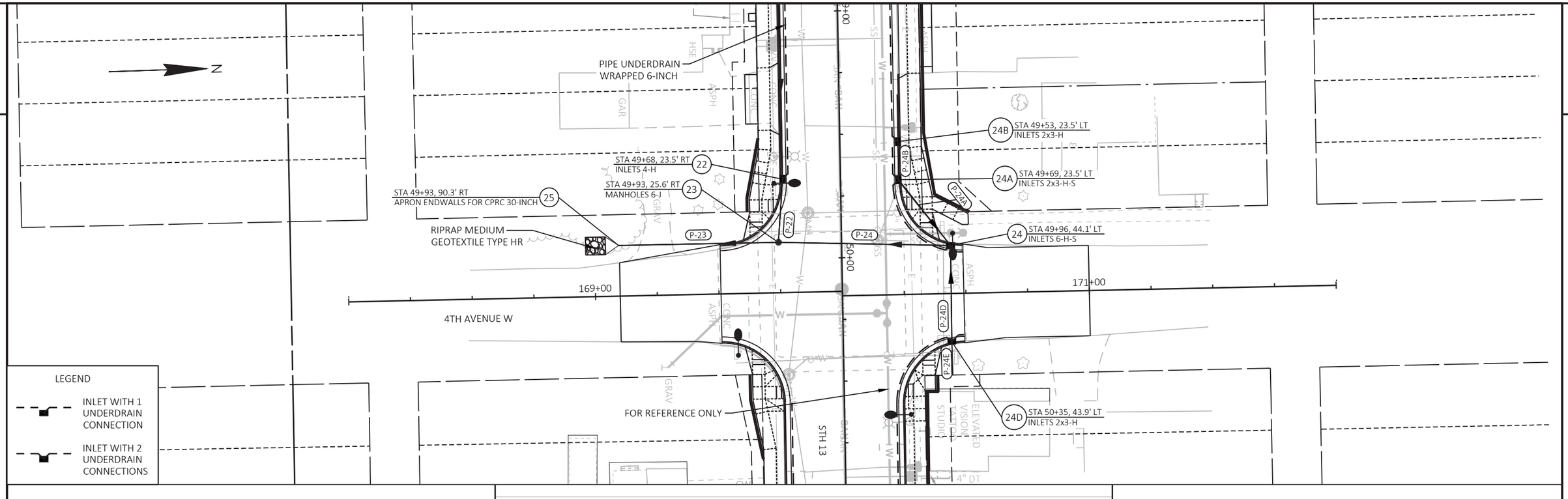


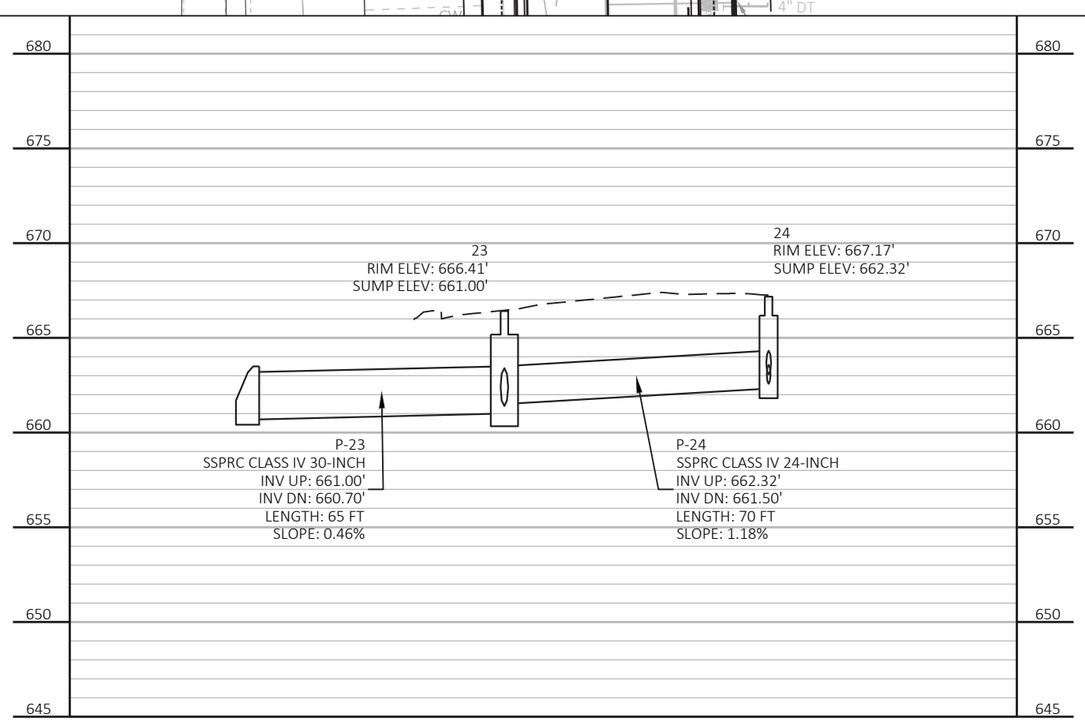
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 85	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022502_SS.DWG
LAYOUT NAME - 10
PLOT DATE : 5/9/2023 11:52 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

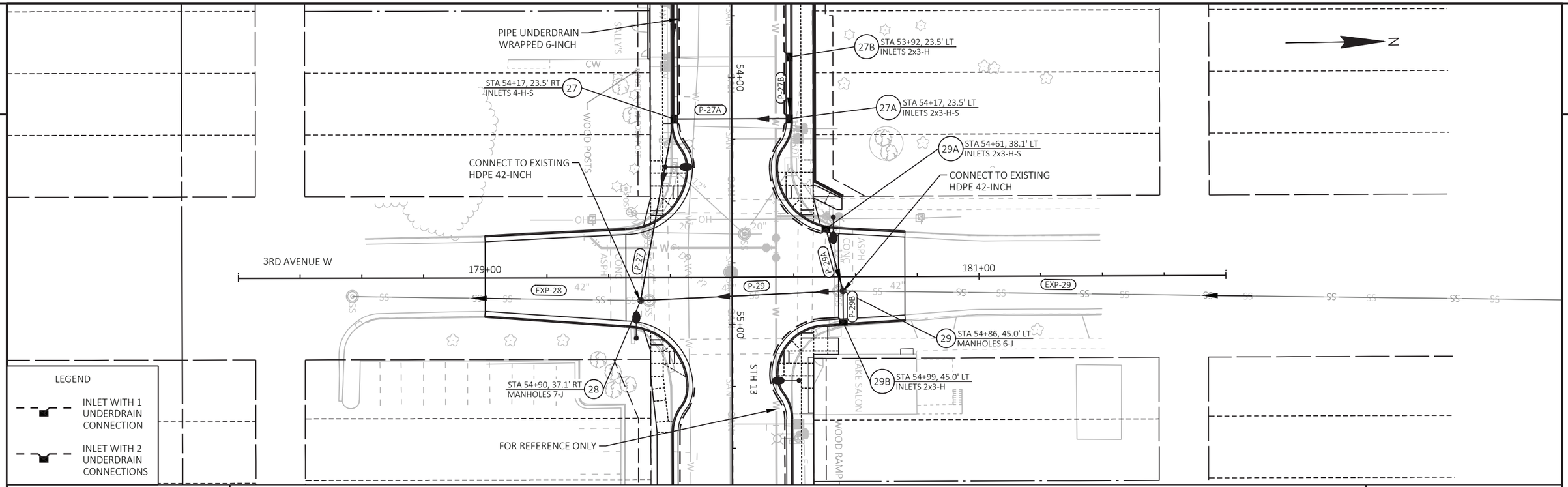

PIPE UNDERDRAIN WRAPPED 6-INCH
STA 45+02, 23.5' RT
INLETS 2x3-H
19A
STA 45+35, 59.6' RT
MANHOLES 6-J
18
CONNECT TO EXISTING HDPE 42-INCH MINIMIZE DAMAGE TO EXISTING PIPE DURING MH REMOVAL AND INSTALLATION OPERATIONS
EXP-18
159+00
5TH AVENUE W
STA 45+55, 23.5' RT
MANHOLES 6-J
19
FOR REFERENCE ONLY
45+00
46+00
STH 13
20C STA 44+78, 23.5' LT
INLETS 2x3-H
20B STA 45+03, 23.5' LT
INLETS 2x3-H-S
20A STA 45+29, 44.1' LT
INLETS 2x3-H-S
CONNECT TO EXISTING HDPE 42-INCH
161+00
EXP-20
P-20
20 STA 45+55, 43.4' LT
MANHOLES 6-J
20D STA 45+69, 41.2' LT
INLETS 2x3-H
P-19A
P-20B
P-20A
P-20C
P-20D
BRICK RET WALL
LEGEND
INLET WITH 1 UNDERDRAIN CONNECTION
INLET WITH 2 UNDERDRAIN CONNECTIONS

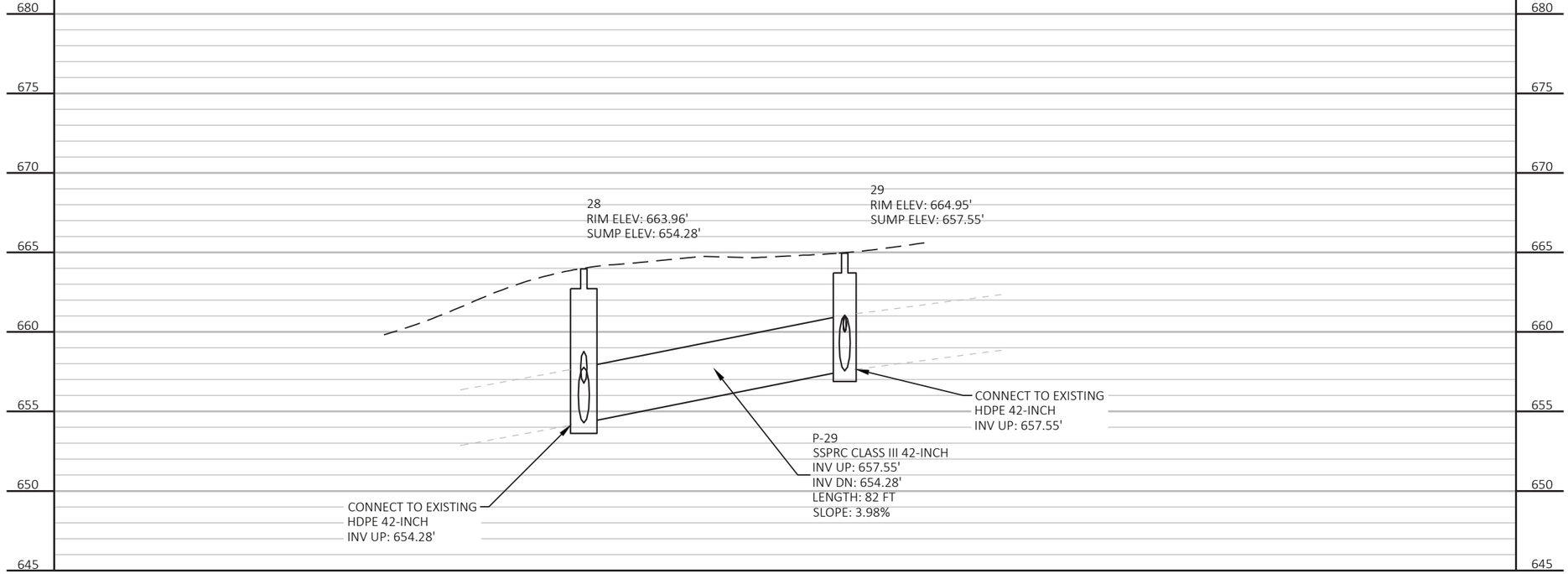

680
675
670
665
660
655
650
645
18
RIM ELEV: 667.80'
SUMP ELEV: 658.95'
19
RIM ELEV: 668.32'
SUMP ELEV: 660.48'
20
RIM ELEV: 669.48'
SUMP ELEV: 662.95'
CONNECT TO EXISTING HDPE 42-INCH INV UP: 658.95'
P-19
SSPRC CLASS IV 42-INCH
INV UP: 660.48'
INV DN: 658.95'
LENGTH: 41 FT
SLOPE: 3.71%
P-20
SSPRC CLASS IV 42-INCH
INV UP: 662.95'
INV DN: 660.48'
LENGTH: 67 FT
SLOPE: 3.69%
CONNECT TO EXISTING HDPE 42-INCH INV UP: 662.97'

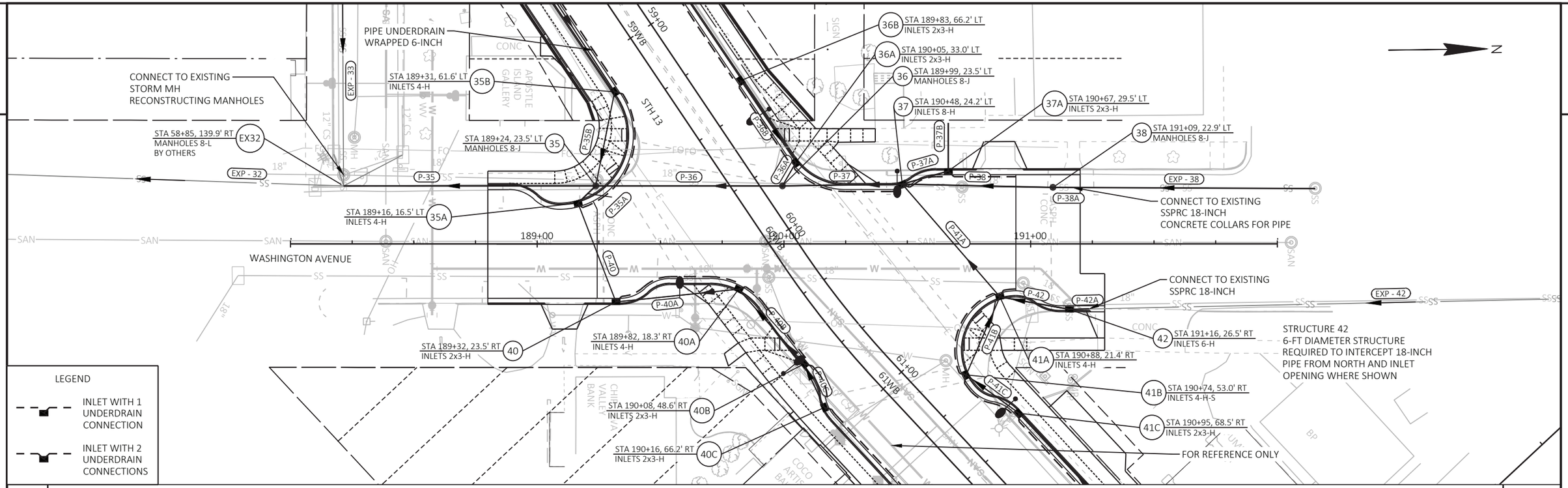


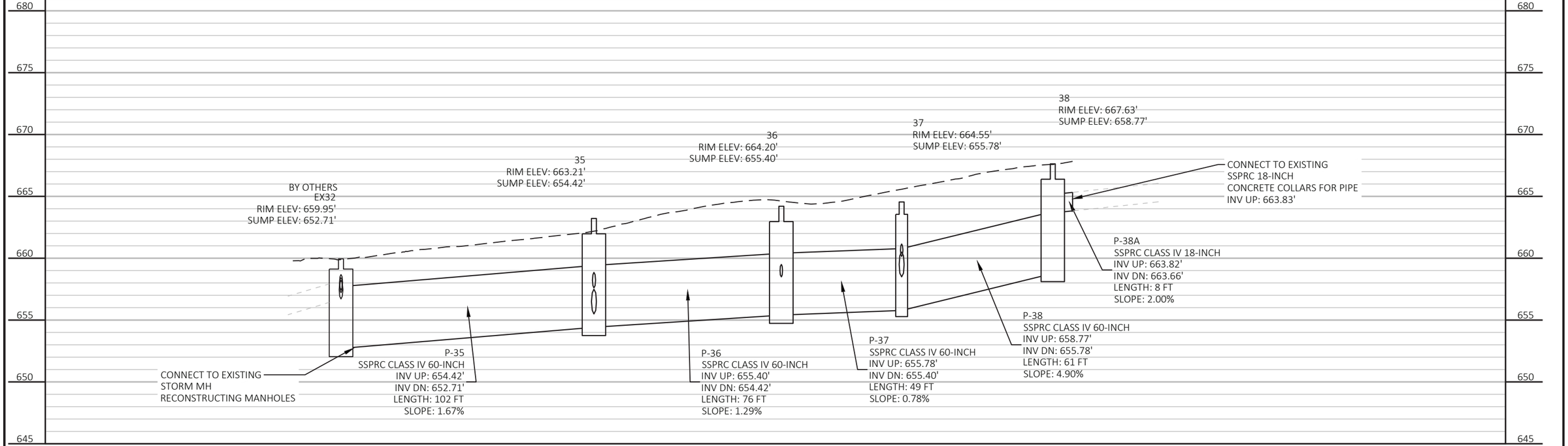


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 87	E


PIPE UNDERDRAIN
WRAPPED 6-INCH
27
STA 54+17, 23.5' RT
INLETS 4-H-S
27B
STA 53+92, 23.5' LT
INLETS 2x3-H
27A
STA 54+17, 23.5' LT
INLETS 2x3-H-S
29A
STA 54+61, 38.1' LT
INLETS 2x3-H-S
CONNECT TO EXISTING
HDPE 42-INCH
CONNECT TO EXISTING
HDPE 42-INCH
3RD AVENUE W
179+00
181+00
54+00
55+00
STH 13
P-27
P-27A
P-27B
P-29A
P-29
P-29B
EXP-28
EXP-29
29
STA 54+86, 45.0' LT
MANHOLES 6-J
29B
STA 54+99, 45.0' LT
INLETS 2x3-H
28
STA 54+90, 37.1' RT
MANHOLES 7-J
FOR REFERENCE ONLY
WOOD POSTS
WOOD RAMP
CLARKE SALON
ASPH
CONC
42"
20"
12"
N
LEGEND
INLET WITH 1 UNDERDRAIN CONNECTION
INLET WITH 2 UNDERDRAIN CONNECTIONS

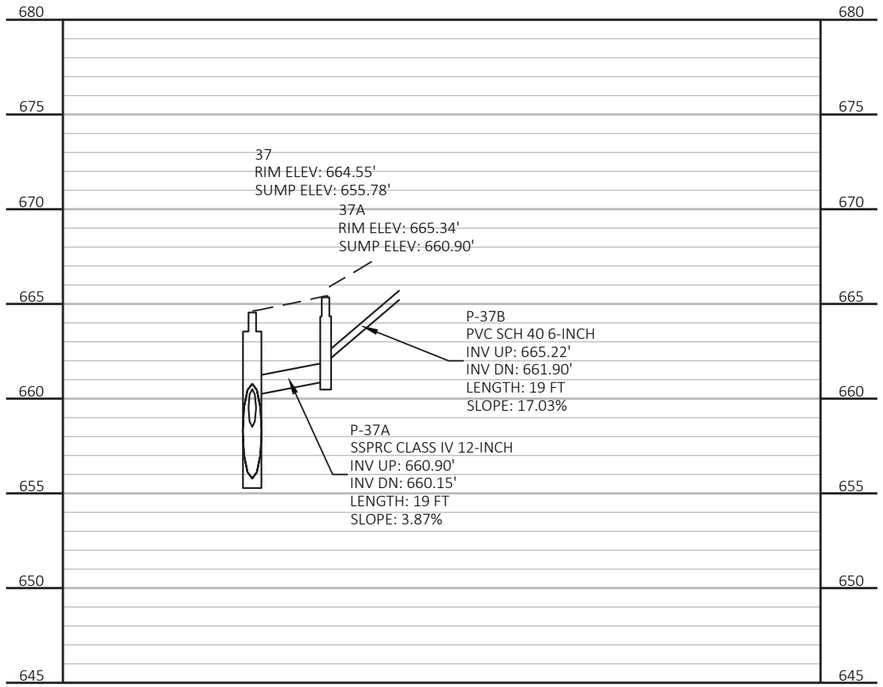

680
675
670
665
660
655
650
645
28
RIM ELEV: 663.96'
SUMP ELEV: 654.28'
29
RIM ELEV: 664.95'
SUMP ELEV: 657.55'
CONNECT TO EXISTING
HDPE 42-INCH
INV UP: 654.28'
P-29
SSPRC CLASS III 42-INCH
INV UP: 657.55'
INV DN: 654.28'
LENGTH: 82 FT
SLOPE: 3.98%
CONNECT TO EXISTING
HDPE 42-INCH
INV UP: 657.55'

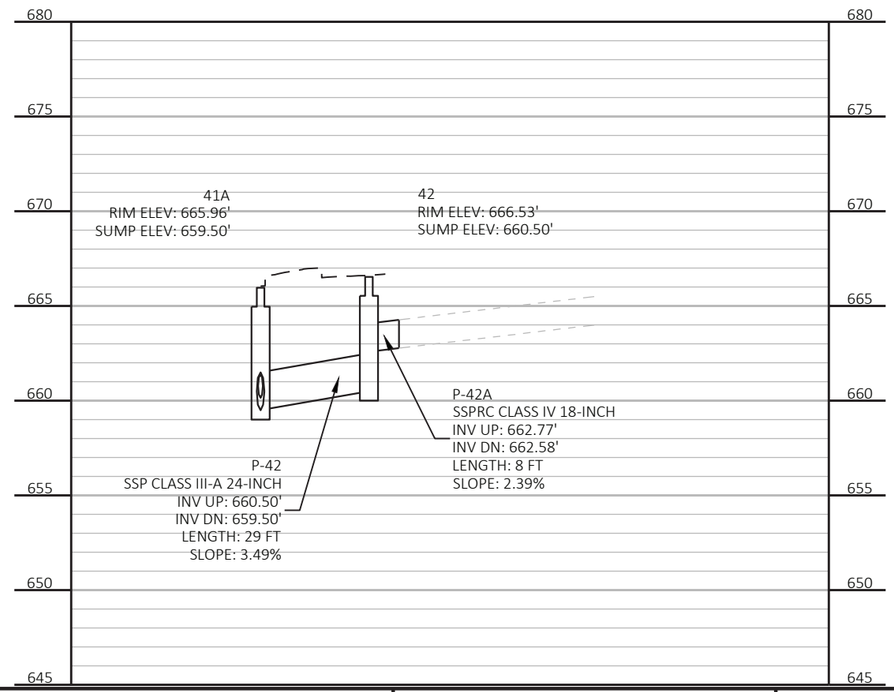




PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	STORM SEWER	SHEET 89	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\022502_SS.DWG
LAYOUT NAME - 15
PLOT DATE : 5/23/2023 11:38 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41


680
675
670
665
660
655
650
645
37
RIM ELEV: 664.55'
SUMP ELEV: 655.78'
37A
RIM ELEV: 665.34'
SUMP ELEV: 660.90'
P-37B
PVC SCH 40 6-INCH
INV UP: 665.22'
INV DN: 661.90'
LENGTH: 19 FT
SLOPE: 17.03%
P-37A
SSPRC CLASS IV 12-INCH
INV UP: 660.90'
INV DN: 660.15'
LENGTH: 19 FT
SLOPE: 3.87%


680
675
670
665
660
655
650
645
41A
RIM ELEV: 665.96'
SUMP ELEV: 659.50'
42
RIM ELEV: 666.53'
SUMP ELEV: 660.50'
P-42A
SSPRC CLASS IV 18-INCH
INV UP: 662.77'
INV DN: 662.58'
LENGTH: 8 FT
SLOPE: 2.39%
P-42
SSP CLASS III-A 24-INCH
INV UP: 660.50'
INV DN: 659.50'
LENGTH: 29 FT
SLOPE: 3.49%

2

2

FUR FARM ROAD

STH 13 / W BAYFIELD ST

BEGIN PROJECT
STA 329+28.14

MATCH LINE 334+50

MATCH LINE 334+50

MATCH LINE 341+00

11TH AVE W

SPEED LIMIT 45

SPEED LIMIT 35

STOP
R1-1
11

STOP
R1-1
12

SIGN LEGEND

- EXISTING SIGN ON POST OR POLE
- MOVING SIGN ON WOOD POST(S)
- MOVING SIGN TO NEW LIGHT POLE

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET 91	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\023201 _PS.DWG
LAYOUT NAME - 1

PLOT DATE : 4/25/2023 3:12 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

2

N

MATCH LINE 341+00

342

17

18

19

20

STH 13 / W BAYFIELD ST

STA BACK = 342+72.33
STA AHEAD = 16+04.83

10TH AVE W

111

109

MATCH LINE 21+00

MATCH LINE 21+00

22

23

24

25

26

27

STH 13 / W BAYFIELD ST

9TH AVE W

121

119

MATCH LINE 27+50

N

SIGN LEGEND

- EXISTING SIGN ON POST OR POLE
- MOVING SIGN ON WOOD POST(S)
- MOVING SIGN TO NEW LIGHT POLE

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET 92 E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\023201 _PS.DWG
LAYOUT NAME - 2

PLOT DATE : 4/25/2023 3:12 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

SIGN LEGEND

- EXISTING SIGN ON POST OR POLE
- MOVING SIGN ON WOOD POST(S)
- MOVING SIGN TO NEW LIGHT POLE

MATCH LINE 27+50

STH 13 / W BAYFIELD ST

28 29 30 31 32 33 34

CTH 'C'

8TH AVE W

131

129

MATCH LINE 34+50

N

31 SPEED LIMIT 25 R2-1 — CITY SIGN TO BE MOVED (BY OTHERS)

32 JCT COUNTY C J1-1

33 Big Rock Park / Cornucopia D1-2 — TOD SIGN TO BE MOVED (BY OTHERS)

34 R3-4 — 35 COUNTY C J13-1

36 STOP R1-1

37 STOP R1-1

38 R3-4 — 39 COUNTY C J13-1

SGN/PLANTER

MATCH LINE 34+50

STH 13 / W BAYFIELD ST

35 36 37 38 39 40 41

7TH AVE W

6TH AVE W

141

139

151

149

40 JCT COUNTY C J1-1 — CITY SIGN TO BE MOVED (BY OTHERS)

41 STOP R1-1 — CITY SIGNS TO BE MOVED (BY OTHERS)

42 R3-4 — CITY SIGNS TO BE MOVED (BY OTHERS)

CITY SIGN TO BE MOVED (BY OTHERS)

43 STOP R1-1

BUS SGN

SGN/WOOD PLANTER

44 STOP R1-1

45 SPEED LIMIT 25 R2-1

MATCH LINE 41+50

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET 93	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\023201 _PS.DWG
LAYOUT NAME - 3

PLOT DATE : 4/25/2023 3:12 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

SIGN LEGEND

EXISTING SIGN ON POST OR POLE

MOVING SIGN ON WOOD POST(S)

MOVING SIGN TO NEW LIGHT POLE

STOP R1-1 46

161

5TH AVE W

CITY SIGNS TO BE MOVED (BY OTHERS)

SPEED LIMIT 25 R2-1 48

N

BUS SIGN

MATCH LINE 41+50

42 43 44 45 46 47 48

STH 13 / W BAYFIELD ST

MATCH LINE 48+50

SGN/ PLANTER

BUS STOP

47 STOP R1-1

159

171

4TH AVE W

STOP R1-1 50

BUS SIGN

MATCH LINE 48+50

49 50 51 52 53 54 55

STH 13 / W BAYFIELD ST

CITY SIGNS TO BE MOVED (BY OTHERS)

49 SPEED LIMIT 25 R2-1

51 STOP R1-1

NORTH 13 J2-1 52

M1-97 SCENIC BYWAY 53

M5-2L 54

169

181

3RD AVE W

STOP R1-1 55

W11-2 57

58 R3-4

CITY SIGNS TO BE MOVED (BY OTHERS)

MATCH LINE 55+50

56 STOP R1-1

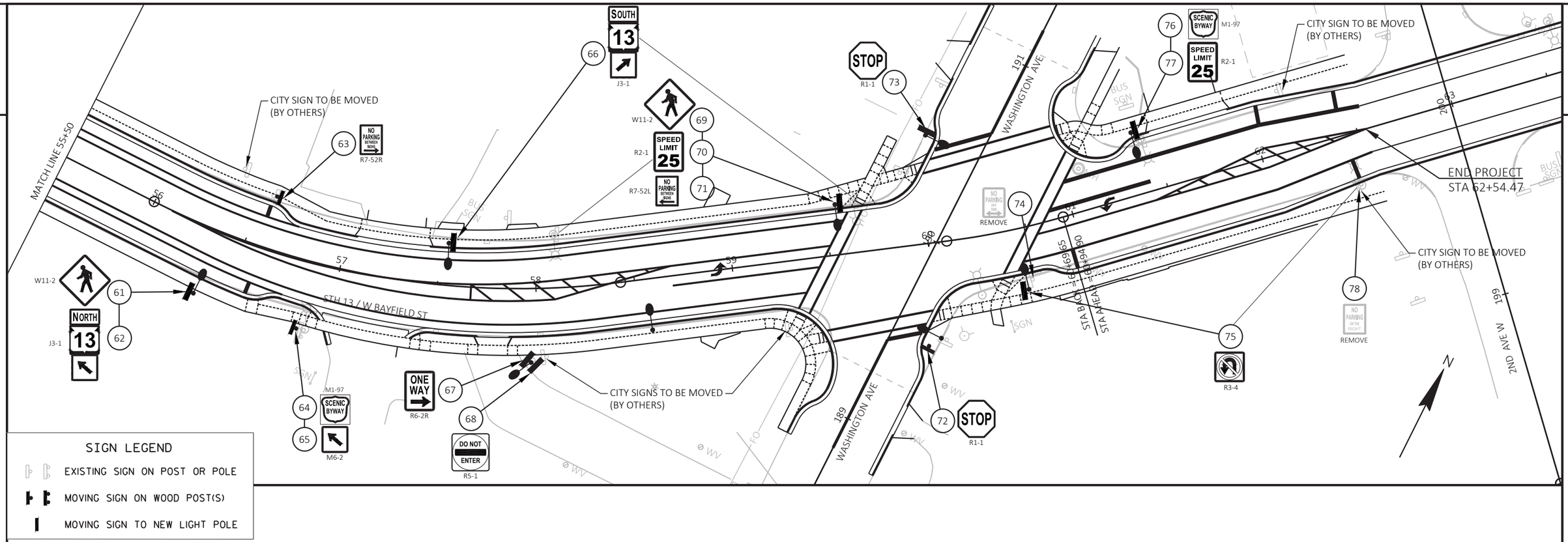
179

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET 94	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\023201 _PS.DWG
LAYOUT NAME - 4

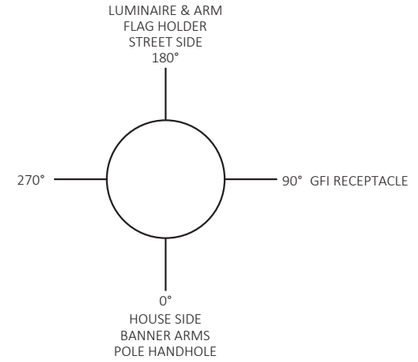
PLOT DATE : 4/25/2023 3:12 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

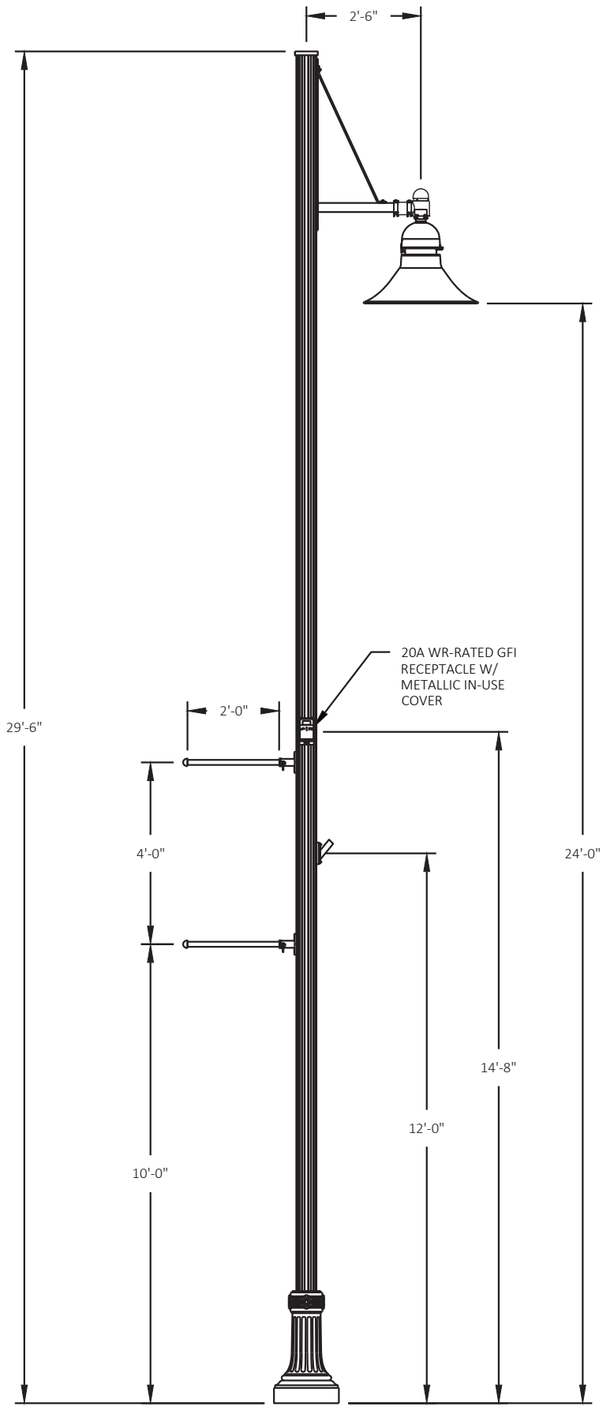

MATCH LINE 55+50
CITY SIGN TO BE MOVED (BY OTHERS)
63
NO PARKING BETWEEN SIGNS
R7-52R
66
SOUTH 13
J3-1
W11-2
69
SPEED LIMIT 25
R2-1
R7-52L
NO PARKING BETWEEN SIGNS
70
71
STOP
R1-1
73
191
WASHINGTON AVE
76
SCENIC BYWAY
M1-97
77
SPEED LIMIT 25
R2-1
CITY SIGN TO BE MOVED (BY OTHERS)
END PROJECT
STA 62+54.47
2ND AVE W
169
NO PARKING ON THE RIGHT
REMOVE
74
STA BACK 76+69.65
STA AHEAD 76+94.90
78
NO PARKING ON THE RIGHT
REMOVE
CITY SIGN TO BE MOVED (BY OTHERS)
75
R3-4
W11-2
61
NORTH 13
J3-1
62
STH 13 / W BAYFIELD ST
64
M1-97
SCENIC BYWAY
65
M6-2
ONE WAY
R6-2R
67
68
DO NOT ENTER
R5-1
CITY SIGNS TO BE MOVED (BY OTHERS)
189
WASHINGTON AVE
72
STOP
R1-1
N
SIGN LEGEND
EXISTING SIGN ON POST OR POLE
MOVING SIGN ON WOOD POST(S)
MOVING SIGN TO NEW LIGHT POLE

EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	WATTAGE & CCT	LUMENS	MOUNTING	OPTICS	COLOR & FINISH	MANUFACTURER & SERIES #
	LIGHTING UNIT TYPE SPECIAL LED PENDANT STYLE LUMINAIRE ON DECORATIVE ARM AND ROUND FLUTED ALUMINUM POLE WITH DECORATIVE BASE, BANNER ARMS, FLAG HOLDER, AND 20A WR-RATED GFI RECEPTACLE W/ METALLIC IN-USE COVER	95 WATT LED 2700K	10810	29'-6" POLE ON LIGHT BASE TYPE SPECIAL	ASYMMETRIC	BLACK POWDER COAT	HOLOPHANE - LUMINAIRE: GPLF3-P50-27K-MVOLT-ASY-QSM-BKH-AO ARM: LSC-29IN-1A-SL6-BKH-RFDXXXXXX ARM FITTER: GWDF-QSM-BKH POLE: NYA-29.5-SL6-17D-PLN-BKH-GRD-FGIUS-BKH-AB-27-4-TMP40010 BANNER ARMS: (2)BA-24IN-1A-BO-SL6-BL-100P-BKH FLAG HOLDER: FPH-1F-BO-SL6-100P-BKH



LIGHTING UNIT ORIENTATION DETAIL



LIGHTING UNIT TYPE SPECIAL DETAIL

2

GENERAL NOTES:

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER EXCEPT WHEN EXCAVATING WITHIN 18-INCHES OF UNDERGROUND UTILITIES. WHEN EXCAVATING WITHIN 18-INCHES OF UTILITIES THE BASE SHALL BE DUG BY HAND.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS 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 AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 2 INCHES.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE PLUGGED IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN PLUGGED.

END BELLS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED.

WHEN REQUIRED TO CONNECT NONMETALLIC 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. 6 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL 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.

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 BY THE ENGINEER.

(2) ANCHOR RODS BY POLE SUPPLIER. TWO GALVANIZED HEX NUTS & WASHERS PER ANCHOR BOLT.

(3) (6) NO. 4 X 4'-8" BAR STEEL REINFORCEMENT.

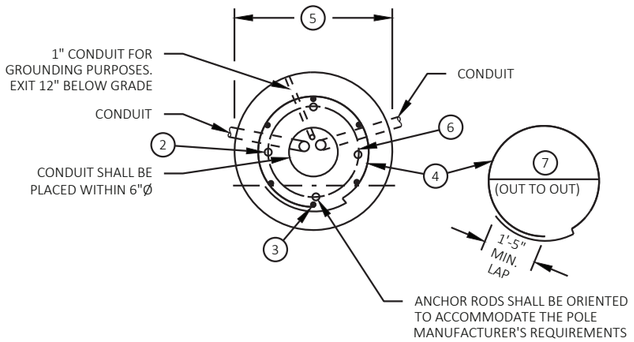
(4) (5) NO. 4 X 6'-2" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

(5) 24".

(6) BOLT CIRCLE AND ORIENTATION PER POLE MANUFACTURER'S REQUIREMENTS.

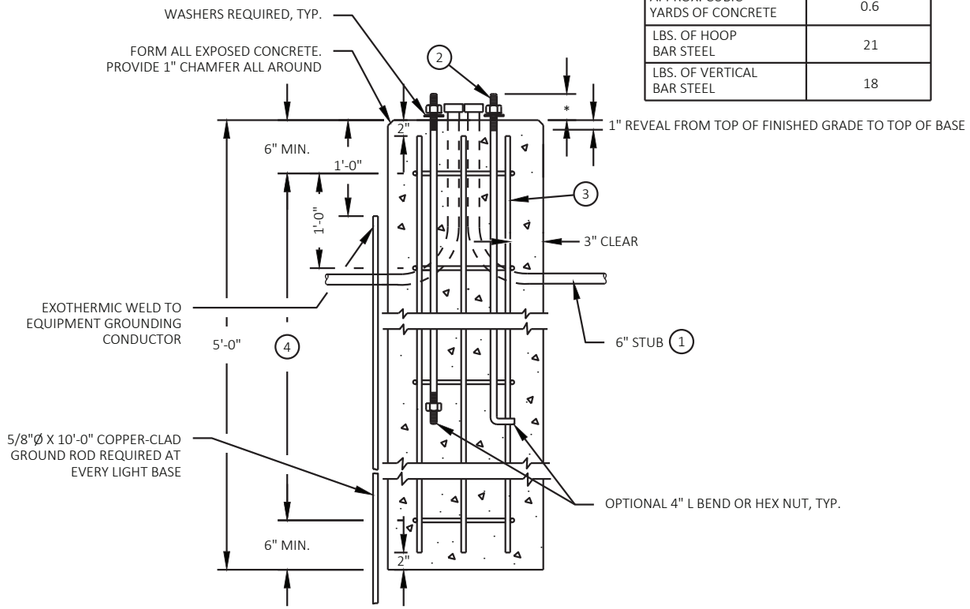
(7) DIAMETER SIZE TO CONTAIN ANCHOR BOLTS.

BOLT CIRCLE SHALL BE PERFECTLY CENTERED IN CONCRETE BASE. ANY BASE THAT FAILS TO MEET THIS REQUIREMENT SHALL BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

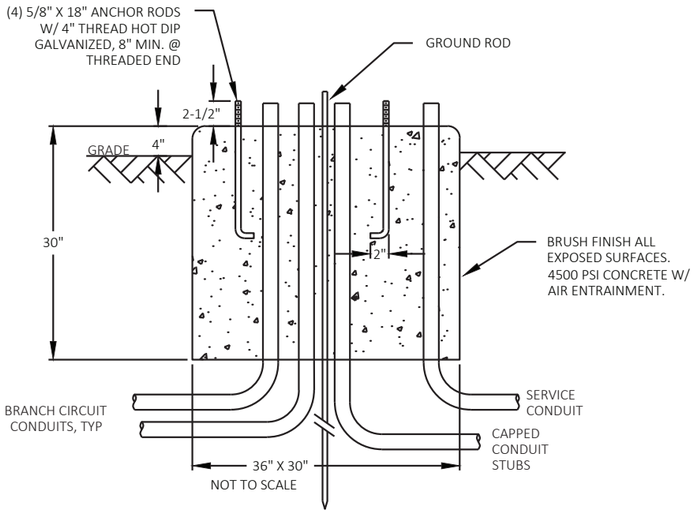


*ANCHOR ROD PROJECTION SHALL BE PER MANUFACTURERS REQUIREMENTS.

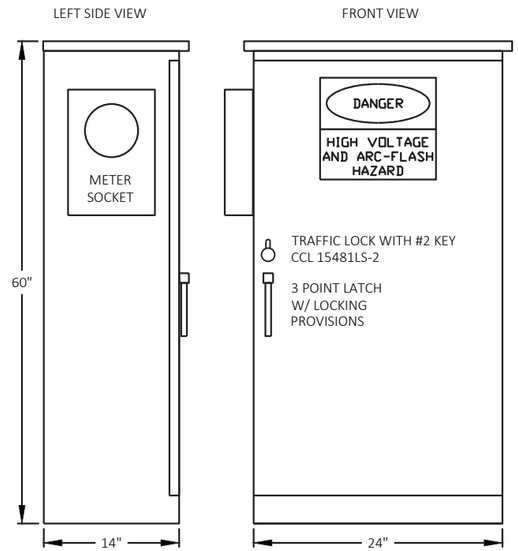
QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	0.6
LBS. OF HOOP BAR STEEL	21
LBS. OF VERTICAL BAR STEEL	18

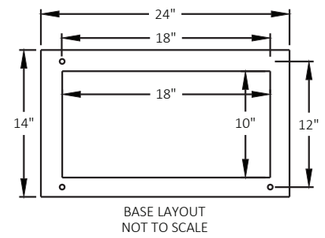


CONCRETE BASE TYPE SPECIAL DETAILS



CONCRETE CONTROL CABINET BASE TYPE SPECIAL





CABINET CONSTRUCTION

- NEMA 3R
- INTERIOR COMPONENTS MOUNTED ON BACK PANEL BEHIND DEAD FRONT
- 1/8" ANODIZED ALUMINUM (DURANODIC 313 - DARK BRONZE)
- NEOPRENE GASKETED DOORS
- STAINLESS STEEL HARDWARE
- ETL LISTED IN ACCORDANCE WITH UL508A

SERVICE CABINET NOTES:

A. PROVIDE METER SOCKET PER UTILITY COMPANY REQUIREMENTS.

B. CIRCUIT BREAKERS SHALL BE 120/240 VOLT AC, 60Hz AND SHALL BE CLEARLY MARKED WITH THE "ON" AND "OFF" POSITIONS AND IDENTIFIED WITH THE LOAD WHICH IT IS CARRYING.

C. SHORT CIRCUIT RATING - 22,000 AIC SYMMETRICAL.

D. 3-POSITION SELECTOR SWITCHES - ALLEN BRADLEY #800T-J2A.

E. CIRCUIT CONTACTORS SHALL HAVE A 240 VOLT RATING, WITH 120 VOLT COIL.

F. PROVIDE PANEL WITH DIMENSIONS AS REQUIRED TO FIT EQUIPMENT PROPOSED.

G. PROVIDE 50KA SURGE PROTECTOR.

H. PROVIDE A 25-OHM GROUND AT CABINET AS PER NEC.

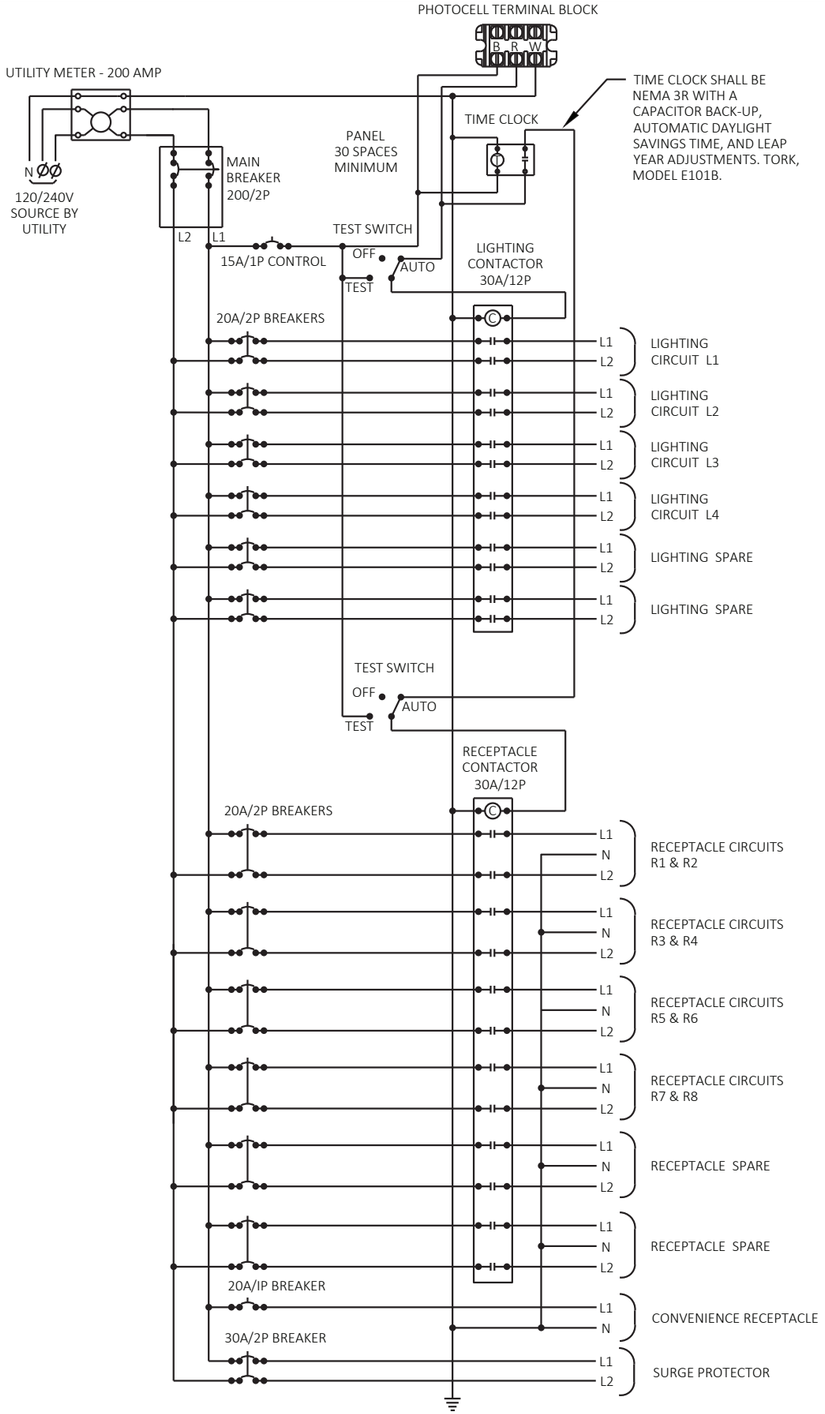
I. TIME CLOCK SHALL BE NEMA 3R WITH A CAPACITOR BACK-UP, AUTOMATIC DAYLIGHT SAVINGS TIME, AND LEAP YEAR ADJUSTMENTS. TORK, MODEL E101B.

J. PROVIDE 20A WR-RATED GFCI RECEPTACLE MOUNTED TO CABINET DEAD-FRONT.

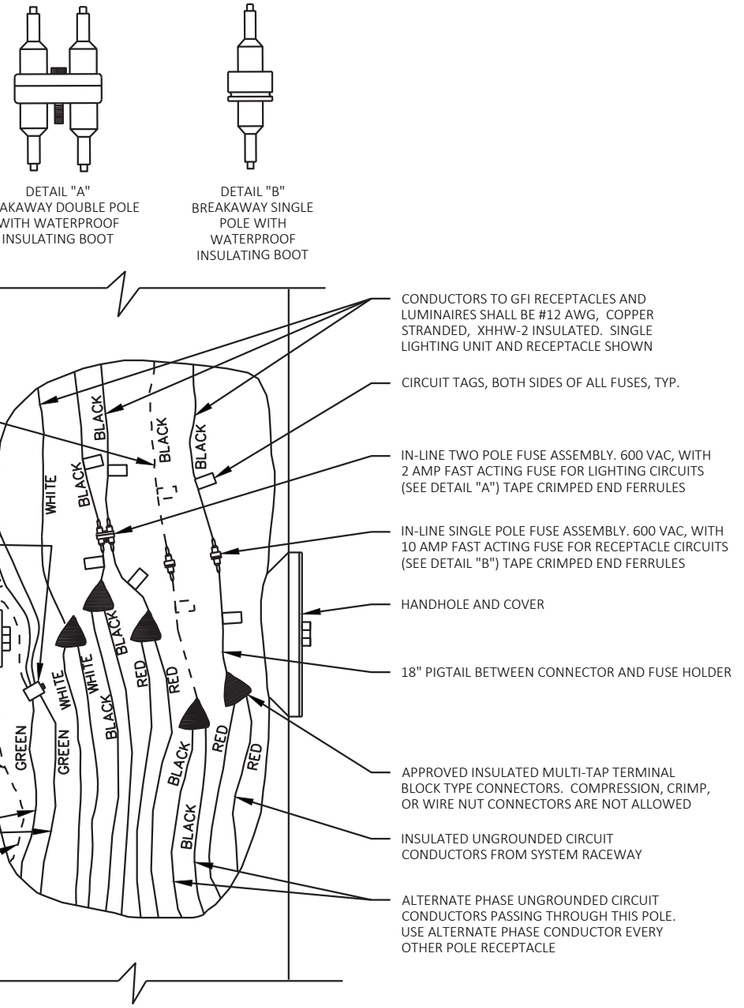
K. BOTH PHOTOCONTROL AND ITS SOCKET SHALL BE 3 TERMINAL, POLARIZED, TWIST-LOCK TYPE. IT SHALL BE EQUIPPED WITH A MOVRO TYPE LIGHTNING ARRESTER.

L. COORDINATE SERVICE CONNECTION WITH MATTHEW ROONI AT XCEL ENERGY, 715-209-0229.

LIGHTING CONTROL CABINET TYPE SPECIAL DETAILS



LIGHTING CONTROL CABINET SCHEMATIC



2 WIRE - 240 VAC (UNGROUNDED CONDUCTOR) FOR LIGHTING
AND
3 WIRE - 120 VAC (UNGROUNDED CONDUCTOR) WITH GROUNDED CONDUCTOR AND EQUIPMENT GROUNDING CONDUCTOR FOR GFI RECEPTACLES

POLE WIRING DETAIL

2

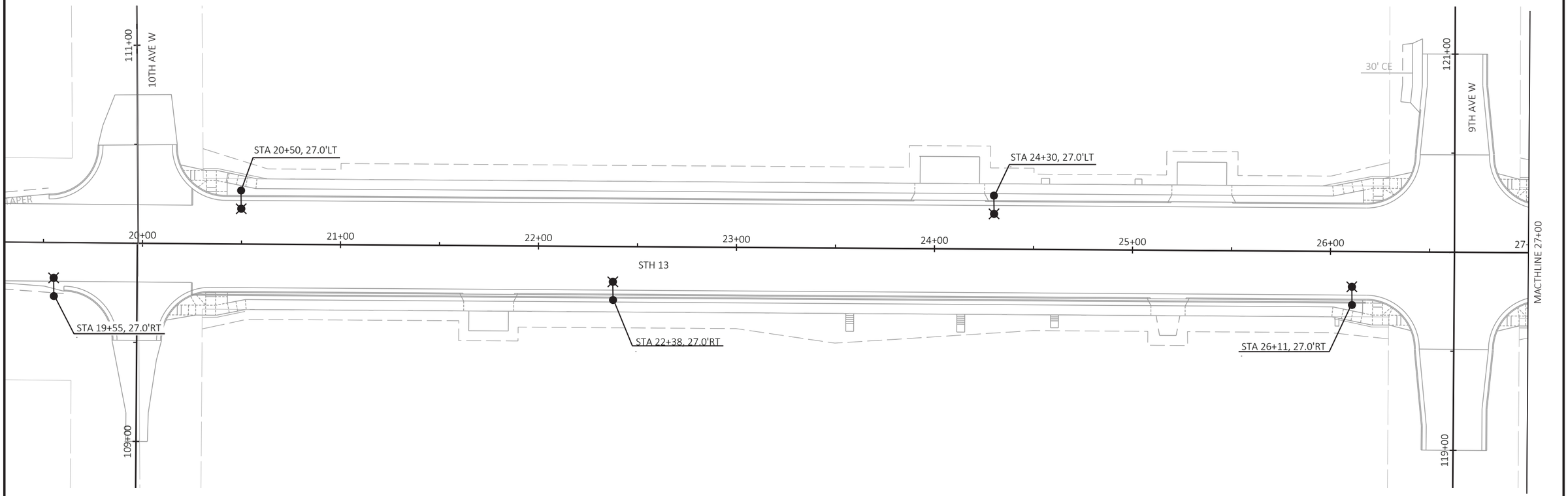
2

2

GENERAL LIGHTING NOTES:

1. ALL WORK ON THIS SHEET PROVIDED BY OTHERS. SHEET IS PROVIDED AS INFORMATION ONLY.

N



LEGEND	
	LIGHTING CONTROL CABINET
	PULL BOXES NON-CONDUCTIVE 24X42-INCH
	PULL BOXES NON-CONDUCTIVE 24X36-INCH
	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
	LIGHTING UNIT TYPE SPECIAL
	LIGHTING UNIT (BY OTHERS)

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	LIGHTING PLAN	SHEET 100	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\023601_LP.DWG
LAYOUT NAME - 01

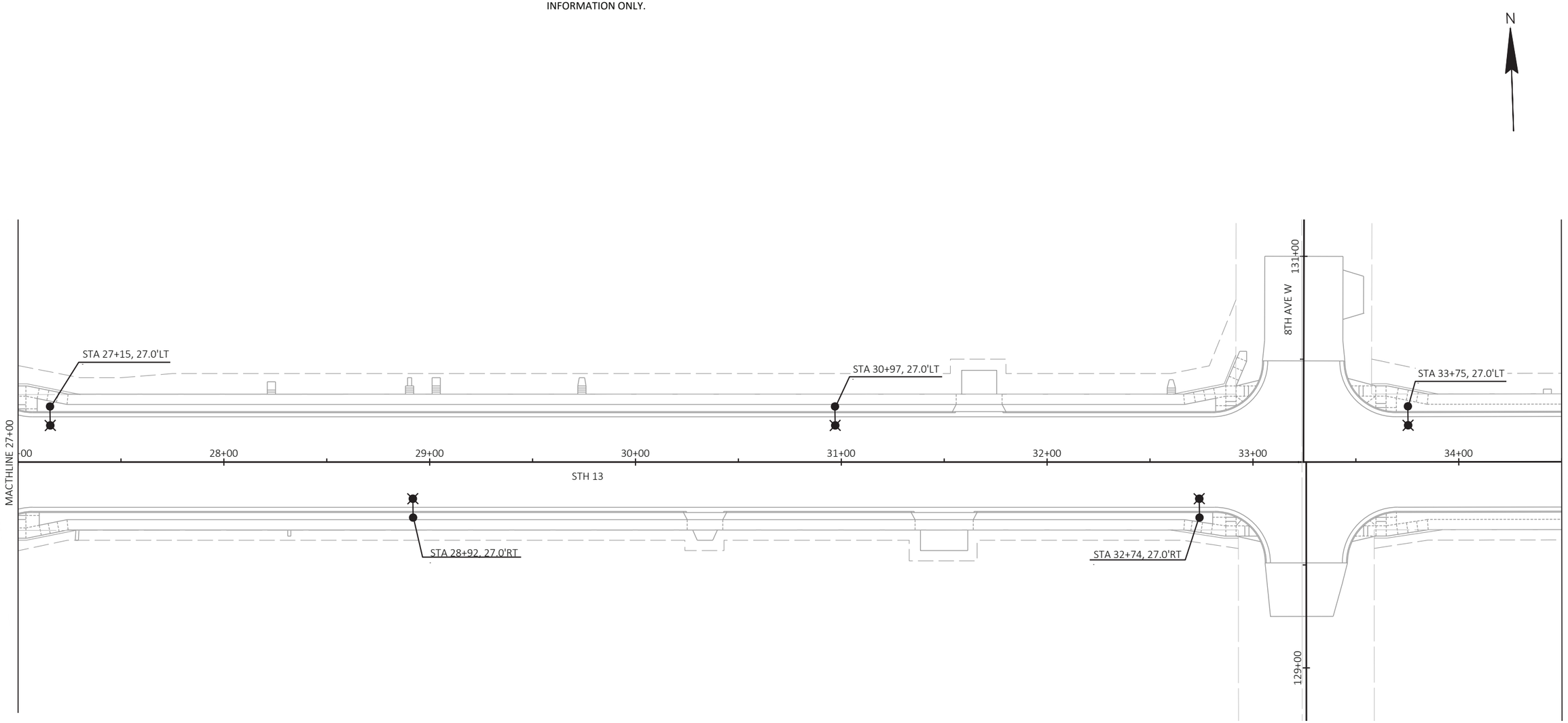
PLOT DATE : 4/28/2023 2:25 PM PLOT BY : ANDREW FELBER PLOT NAME : AFELBER PLOT SCALE : 1" = 50'-0"

WISDOT/CADDS SHEET 44

2

GENERAL LIGHTING NOTES:

1. ALL WORK ON THIS SHEET PROVIDED BY OTHERS. SHEET IS PROVIDED AS INFORMATION ONLY.



LEGEND	
	LIGHTING CONTROL CABINET
	PULL BOXES NON-CONDUCTIVE 24X42-INCH
	PULL BOXES NON-CONDUCTIVE 24X36-INCH
	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
	LIGHTING UNIT TYPE SPECIAL
	LIGHTING UNIT (BY OTHERS)

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	LIGHTING PLAN	SHEET 101	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\023601_LP.DWG
LAYOUT NAME - 02

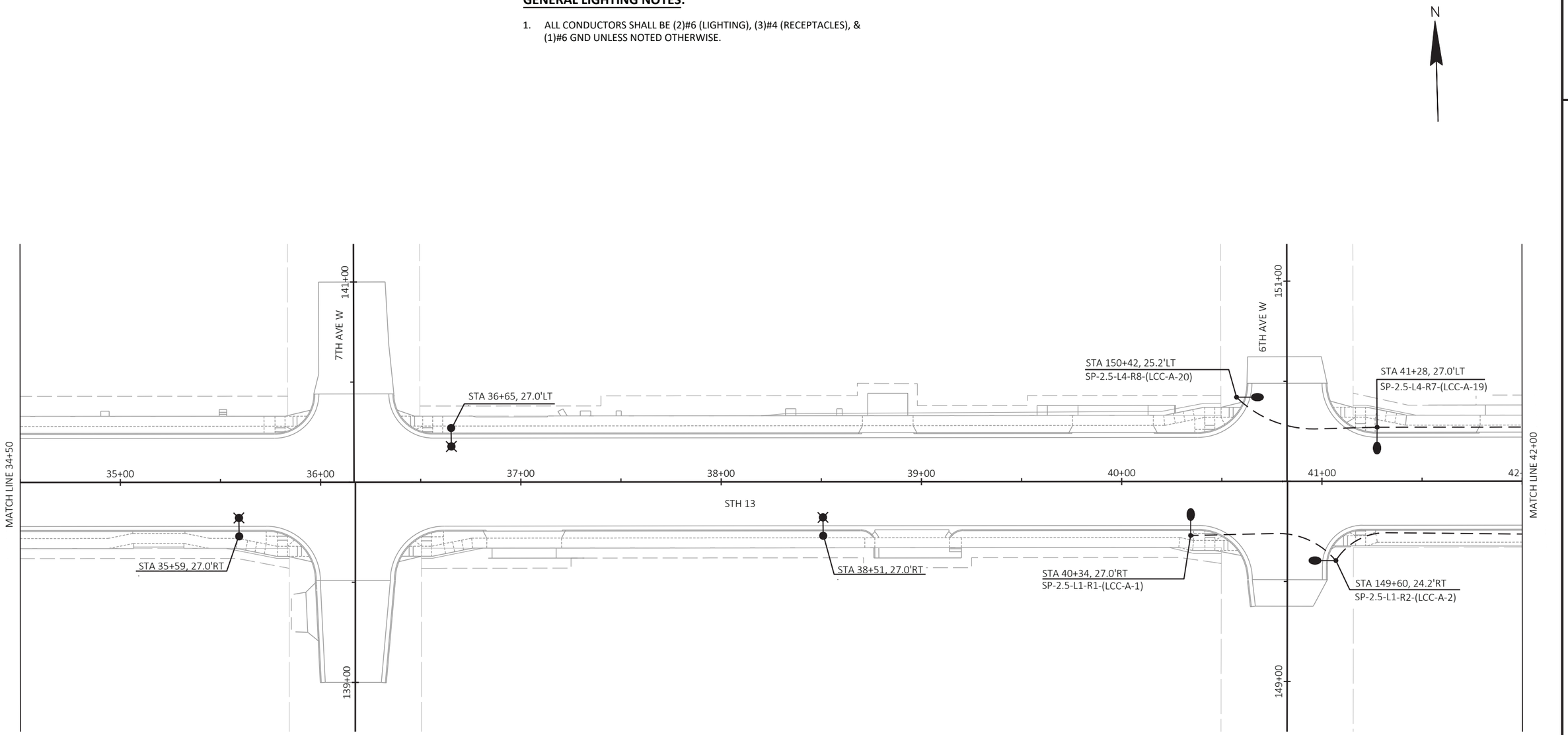
PLOT DATE : 4/28/2023 2:25 PM PLOT BY : ANDREW FELBER PLOT NAME : AFELBER PLOT SCALE : 1" = 50'-0"

WISDOT/CADDS SHEET 44

2

GENERAL LIGHTING NOTES:

1. ALL CONDUCTORS SHALL BE (2)#6 (LIGHTING), (3)#4 (RECEPTACLES), & (1)#6 GND UNLESS NOTED OTHERWISE.



PROPOSED LIGHTING UNITS

LUT-AL-LC-RC-(LCC-_-__)

- LUT — LIGHTING UNIT TYPE
- AL — MAST ARM BRACKET LENGTH (FT)
- LC — LIGHTING CIRCUIT DESIGNATOR
- RC — RECEPTACLE CIRCUIT DESIGNATOR
- LCC-_-__ — LIGHTING UNIT NUMBER / LIGHTING CABINET ID

LEGEND

- LIGHTING CONTROL CABINET
- PULL BOXES NON-CONDUCTIVE 24X42-INCH
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- LIGHTING UNIT TYPE SPECIAL
- LIGHTING UNIT (BY OTHERS)

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	LIGHTING PLAN	SHEET 102	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\023601_LP.DWG
LAYOUT NAME - 03

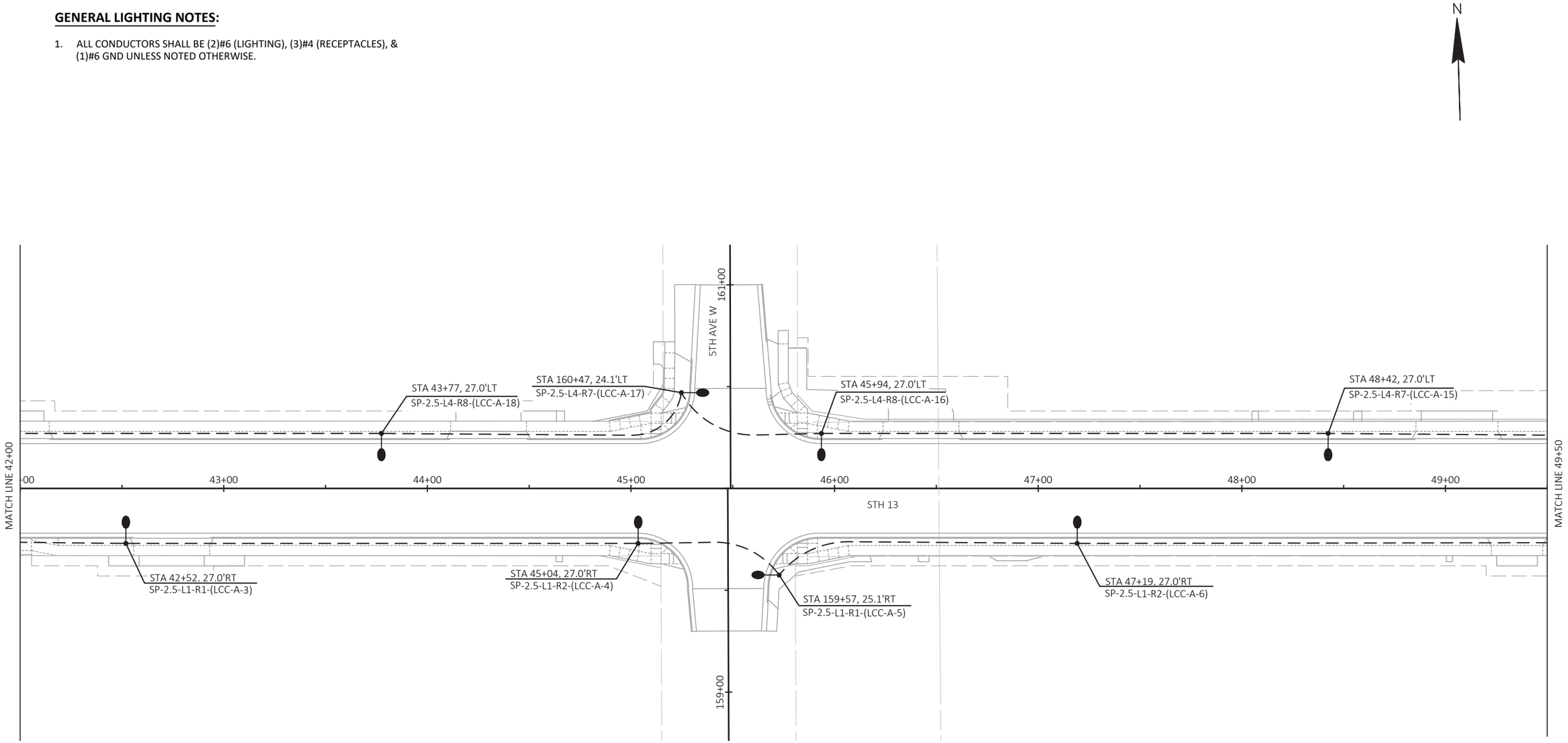
PLOT DATE : 4/28/2023 2:25 PM PLOT BY : ANDREW FELBER PLOT NAME : AFELBER PLOT SCALE : 1" = 50'-0"

WISDOT/CADDS SHEET 44

2

GENERAL LIGHTING NOTES:

1. ALL CONDUCTORS SHALL BE (2)#6 (LIGHTING), (3)#4 (RECEPTACLES), & (1)#6 GND UNLESS NOTED OTHERWISE.



PROPOSED LIGHTING UNITS

LUT-AL-LC-RC-(LCC-_-_)

- LUT-AL-LC-RC: LIGHTING UNIT TYPE
- LC: MAST ARM BRACKET LENGTH (FT)
- RC: LIGHTING CIRCUIT DESIGNATOR
- LCC-_-_: RECEPTACLE CIRCUIT DESIGNATOR
  - _: LIGHTING UNIT NUMBER
  - _: LIGHTING CABINET ID

LEGEND

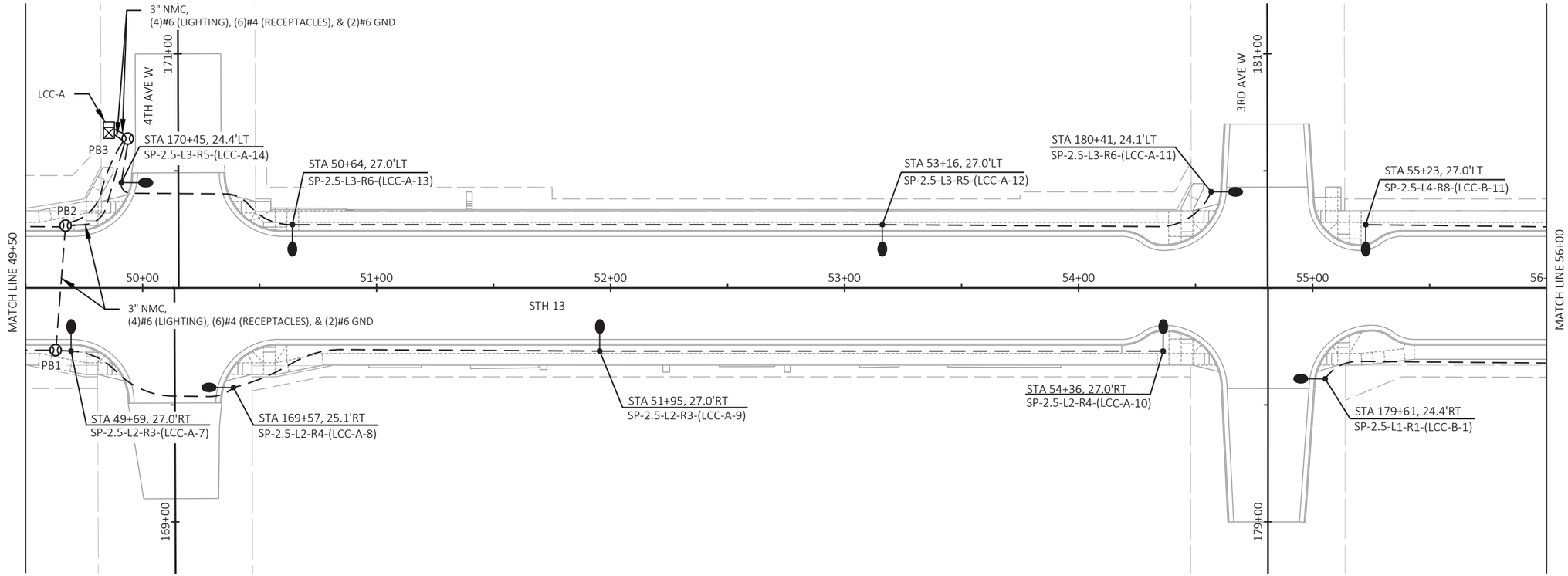
- LIGHTING CONTROL CABINET
- PULL BOXES NON-CONDUCTIVE 24X42-INCH
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- LIGHTING UNIT TYPE SPECIAL
- LIGHTING UNIT (BY OTHERS)

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	LIGHTING PLAN	SHEET 103	E

GENERAL LIGHTING NOTES:

1. ALL CONDUCTORS SHALL BE (2)#6 (LIGHTING), (3)#4 (RECEPTACLES), & (1)#6 GND UNLESS NOTED OTHERWISE.

N



PROPOSED LIGHTING UNITS

LUT-AL-LC-RC-(LCC-__-__)

- LUT — LIGHTING UNIT TYPE
- AL — MAST ARM BRACKET LENGTH (FT)
- LC — LIGHTING CIRCUIT DESIGNATOR
- RC — RECEPTACLE CIRCUIT DESIGNATOR
- LCC — LIGHTING CABINET ID
- __ — LIGHTING UNIT NUMBER

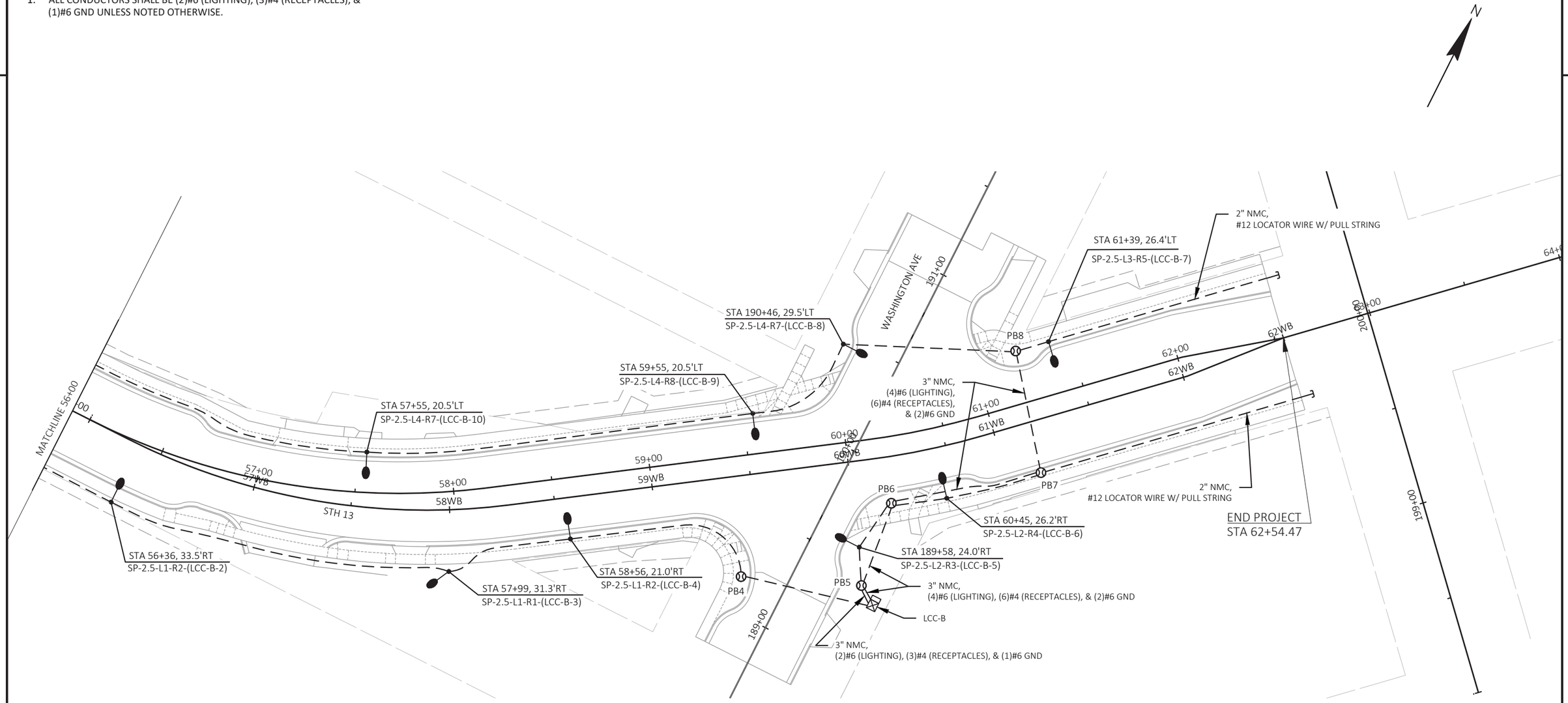
LEGEND

- LIGHTING CONTROL CABINET
- PULL BOXES NON-CONDUCTIVE 24X42-INCH
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- LIGHTING UNIT TYPE SPECIAL
- LIGHTING UNIT (BY OTHERS)

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	LIGHTING PLAN	SHEET 104	E

GENERAL LIGHTING NOTES:

1. ALL CONDUCTORS SHALL BE (2)#6 (LIGHTING), (3)#4 (RECEPTACLES), & (1)#6 GND UNLESS NOTED OTHERWISE.



PROPOSED LIGHTING UNITS

LUT-AL-LC-RC-(LCC-_-_)

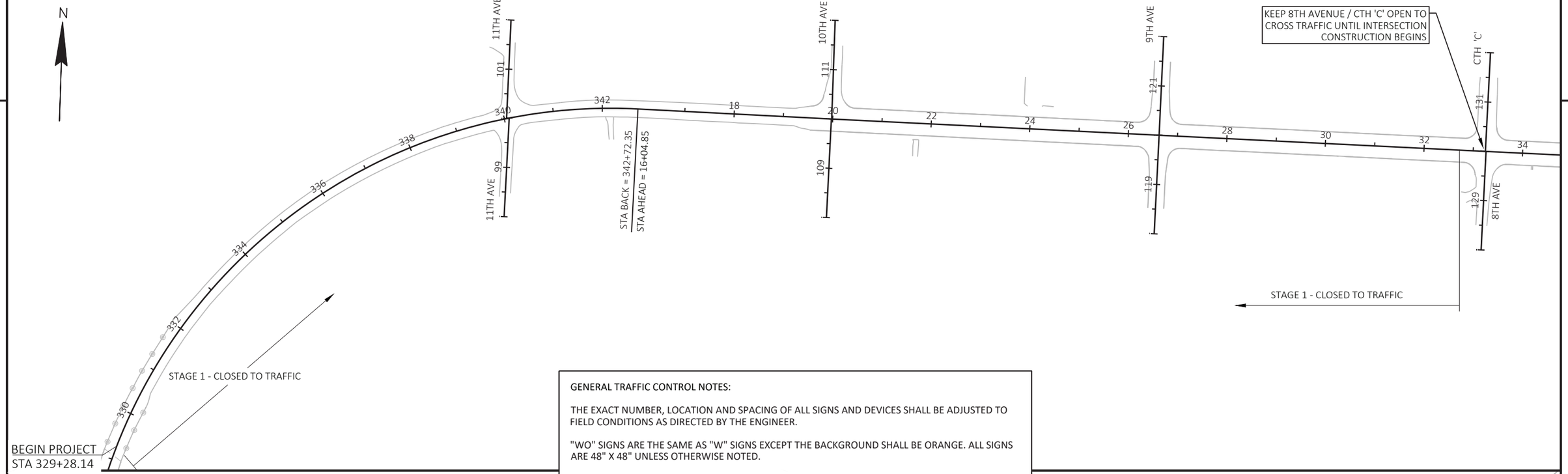
- LUT: LIGHTING UNIT TYPE
- AL: MAST ARM BRACKET LENGTH (FT)
- LC: LIGHTING CIRCUIT DESIGNATOR
- RC: RECEPTACLE CIRCUIT DESIGNATOR
- LCC: LIGHTING UNIT NUMBER / LIGHTING CABINET ID

LEGEND

- LIGHTING CONTROL CABINET
- PULL BOXES NON-CONDUCTIVE 24X42-INCH
- CONDUIT STUB
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (UNLESS NOTED OTHERWISE)
- LIGHTING UNIT TYPE SPECIAL
- LIGHTING UNIT (BY OTHERS)

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	LIGHTING PLAN	SHEET 105	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\023601_LP.DWG
LAYOUT NAME - 06
PLOT DATE : 5/24/2023 10:48 AM PLOT BY : ANNIE JEROME PLOT NAME : AJEROME PLOT SCALE : 1" = 50'-0"
WISDOT/CADDS SHEET 44



GENERAL TRAFFIC CONTROL NOTES:

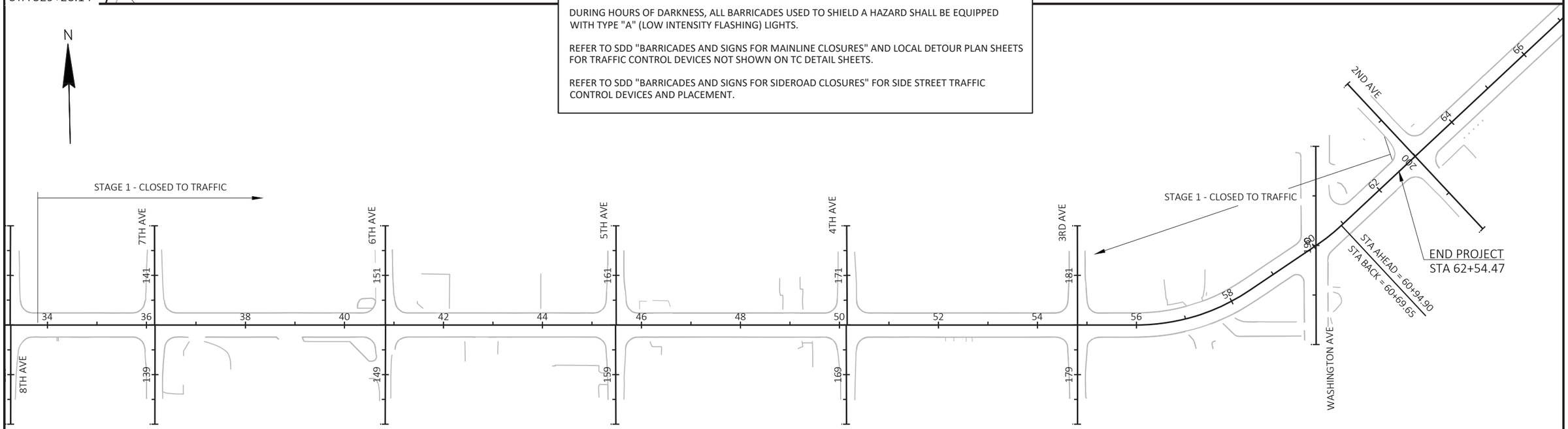
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND SHALL BE ORANGE. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

DURING HOURS OF DARKNESS, ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS.

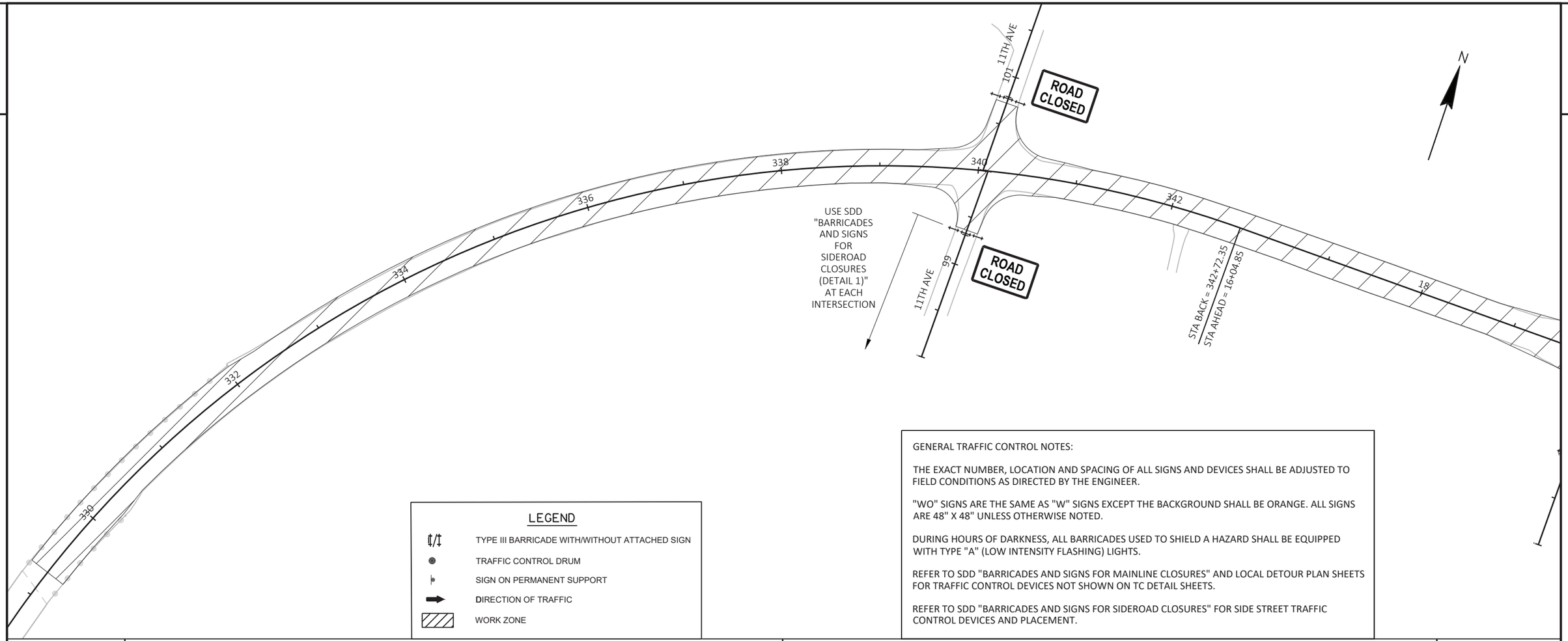
REFER TO SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES" AND LOCAL DETOUR PLAN SHEETS FOR TRAFFIC CONTROL DEVICES NOT SHOWN ON TC DETAIL SHEETS.

REFER TO SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" FOR SIDE STREET TRAFFIC CONTROL DEVICES AND PLACEMENT.



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TRAFFIC CONTROL OVERVIEW	SHEET 106	E

2



LEGEND

- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL TRAFFIC CONTROL NOTES:

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND SHALL BE ORANGE. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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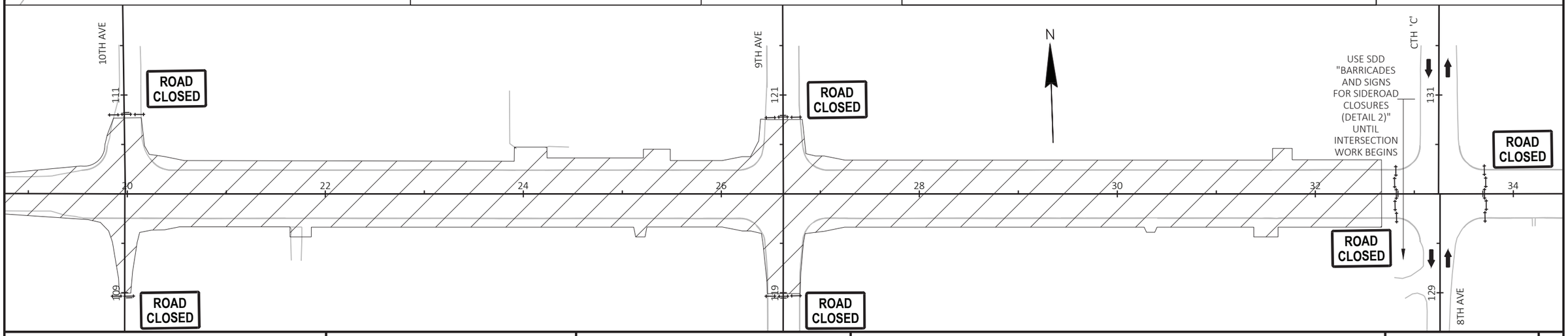
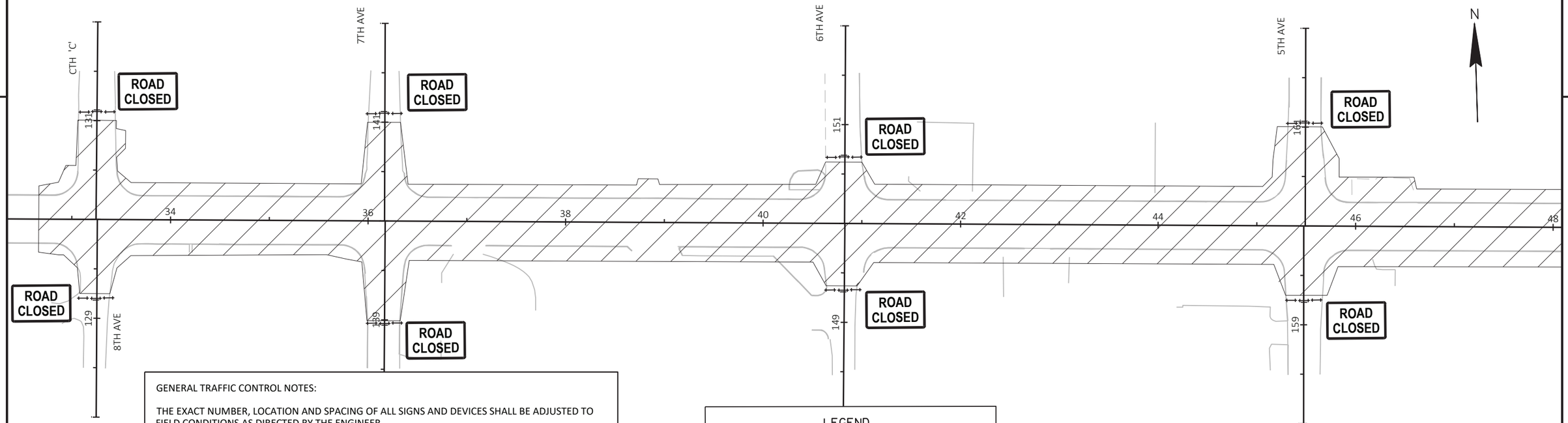
REFER TO SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES" AND LOCAL DETOUR PLAN SHEETS FOR TRAFFIC CONTROL DEVICES NOT SHOWN ON TC DETAIL SHEETS.

REFER TO SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" FOR SIDE STREET TRAFFIC CONTROL DEVICES AND PLACEMENT.



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TRAFFIC CONTROL - BOP TO 8TH AVENUE	SHEET 107	E

2



GENERAL TRAFFIC CONTROL NOTES:

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND SHALL BE ORANGE. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

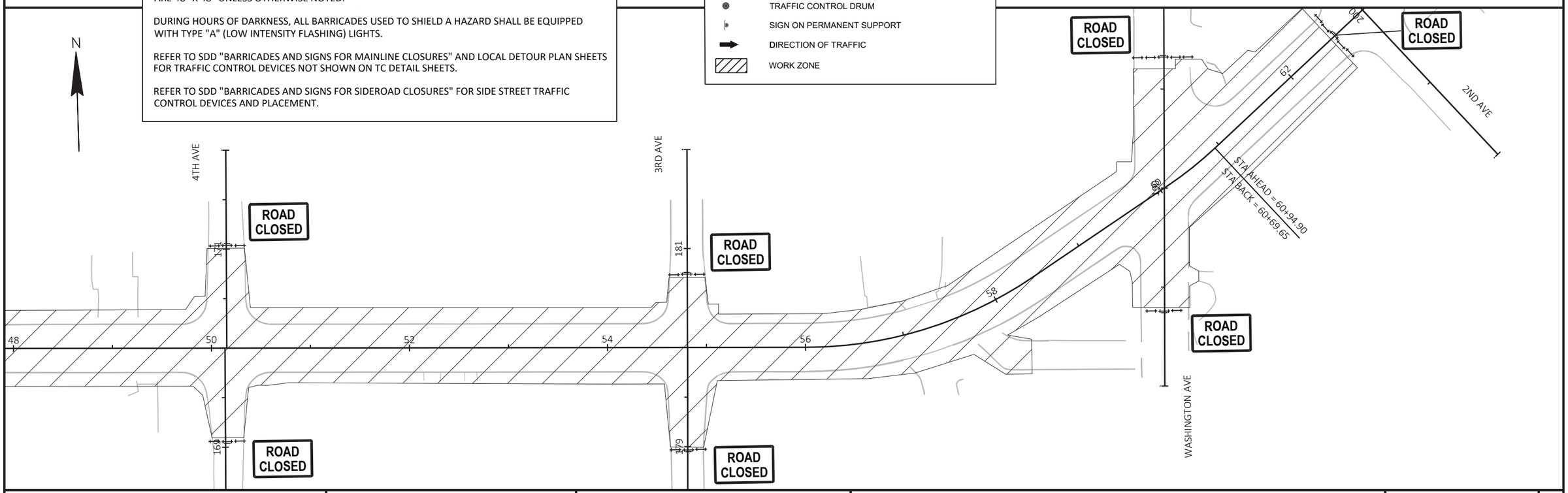
DURING HOURS OF DARKNESS, ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS.

REFER TO SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES" AND LOCAL DETOUR PLAN SHEETS FOR TRAFFIC CONTROL DEVICES NOT SHOWN ON TC DETAIL SHEETS.

REFER TO SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" FOR SIDE STREET TRAFFIC CONTROL DEVICES AND PLACEMENT.

LEGEND

- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TRAFFIC CONTROL - 8TH AVENUE TO EOP	SHEET 108	E

N

LEGEND

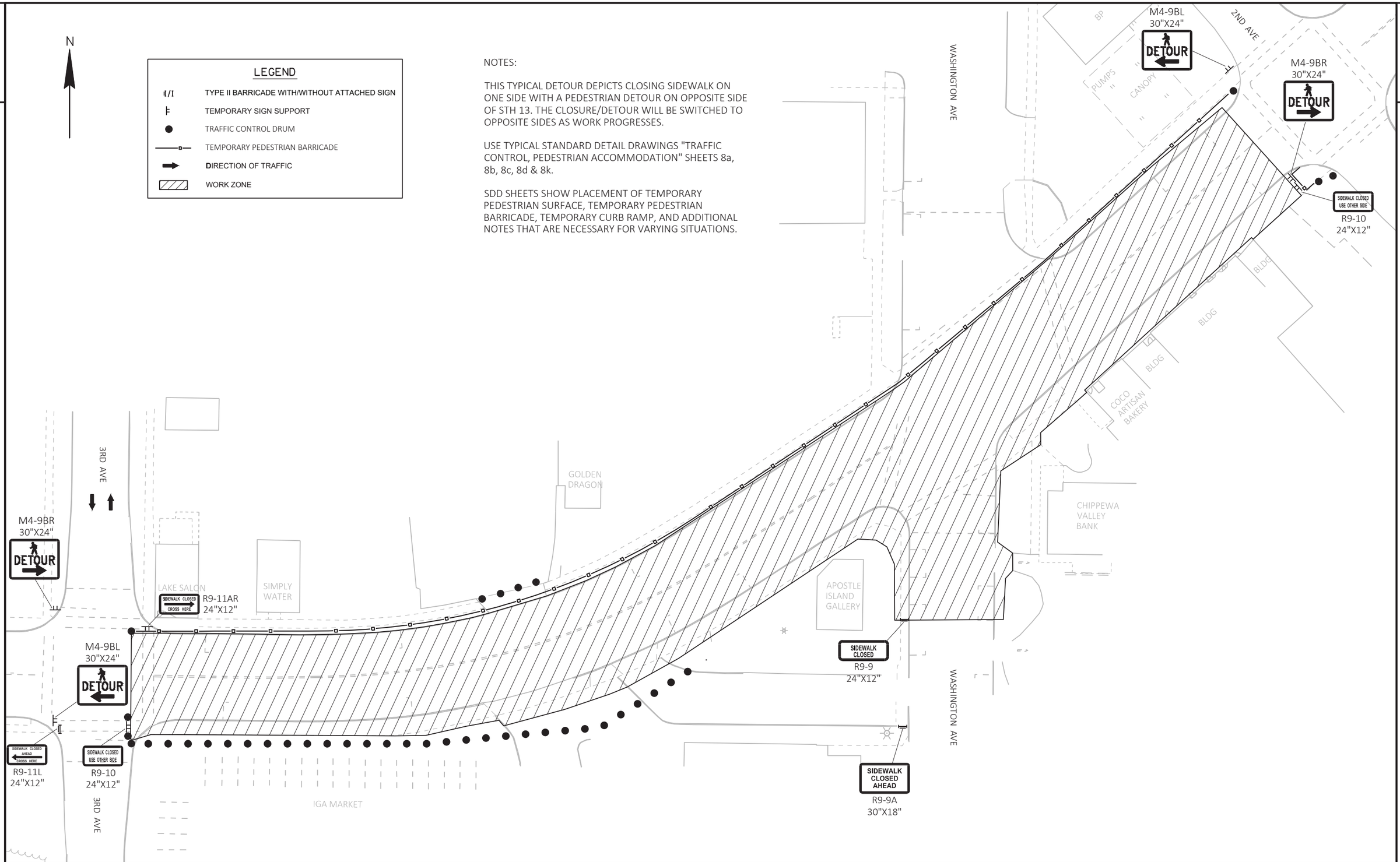
- TYPE II BARRICADE WITH/WITHOUT ATTACHED SIGN
- TEMPORARY SIGN SUPPORT
- TRAFFIC CONTROL DRUM
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- WORK ZONE

NOTES:

THIS TYPICAL DETOUR DEPICTS CLOSING SIDEWALK ON ONE SIDE WITH A PEDESTRIAN DETOUR ON OPPOSITE SIDE OF STH 13. THE CLOSURE/DETOUR WILL BE SWITCHED TO OPPOSITE SIDES AS WORK PROGRESSES.

USE TYPICAL STANDARD DETAIL DRAWINGS "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" SHEETS 8a, 8b, 8c, 8d & 8k.

SDD SHEETS SHOW PLACEMENT OF TEMPORARY PEDESTRIAN SURFACE, TEMPORARY PEDESTRIAN BARRICADE, TEMPORARY CURB RAMP, AND ADDITIONAL NOTES THAT ARE NECESSARY FOR VARYING SITUATIONS.



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TRAFFIC CONTROL - TYPICAL PEDESTRIAN DETOUR	SHEET 109	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\025002_PEDACCOM.DWG
LAYOUT NAME - Typ Ped Detour

PLOT DATE : 4/26/2023 2:37 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

KEEP 8TH AVENUE / CTH 'C' OPEN TO CROSS TRAFFIC UNTIL INTERSECTION CONSTRUCTION BEGINS

FINISH CONSTRUCTION WORK AT THIS INTERSECTION FIRST AND OPEN FOR PHASE 2 DETOUR TRAFFIC

END PROJECT

BEGIN PROJECT

W. BAYFIELD ST.

W. BIGELOW ST.

W. HOLMAN DRIVE

WASHINGTON AVE.

W Bayfield St

W Pine St

W 3rd St

W Omaha St

Wisconsin St

4th Ave W

Ridge Dr

Lake Dr

11th Ave W

10th Ave W

9th Ave W

8th Ave W

6th Ave W

5th Ave W

11TH AVE. W.

10TH AVE. W.

9TH AVE. W.

8TH AVE. W.

7TH AVE. W.

6TH AVE. W.

5TH AVE. W.

4TH AVE. W.

3RD AVE. W.

2ND AVE W.

FUR FARM RD.

Trout Fission Creek

13

C

GENERAL DETOUR NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DETOUR SIGN ASSEMBLY ON SINGLE SUPPORT
- LOCAL DETOUR ROUTE
- PHASE 1 DETOUR LEG
- PHASE 2 DETOUR LEG

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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	LOCAL DETOUR OVERVIEW	SHEET 110	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\025000_TC-LOCALDETOUR.DWG
LAYOUT NAME - Local Detour Oview
PLOT DATE : 5/12/2023 9:36 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:400 FT
WISDOT/CADDS SHEET 42

2

2

FUR FARM RD.

ROAD CLOSED
R11-2
48"X30"

ROAD CLOSED 500 FT
W20-3D

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

END DETOUR / SOUTH 13
M4-8A 24"X18"
M3-3 24"X12"
M1-6 24"X24"

W. BIGELOW ST.

DETOUR
M4-9R
30"X24"

DETOUR / NORTH 13
M4-8 24"X12"
M3-1 24"X12"
M1-6 24"X24"
MO6-1 21"X21"

DETOUR / NORTH 13
M4-8 24"X12"
M3-1 24"X12"
M1-6 24"X24"
MO5-1R 21"X21"

DETOUR AHEAD
W20-2A

ROAD CLOSED AHEAD
W20-3A

W Bigelow St

DETOUR / SOUTH 13
M4-8 24"X12"
M3-3 24"X12"
M1-6 24"X24"

DETOUR / NORTH 13
M4-8 24"X12"
M3-1 24"X12"
M1-6 24"X24"

10th Ave W

W. BIGELOW ST.

DETOUR / SOUTH 13
M4-8 24"X12"
M3-3 24"X12"
M1-6 24"X24"
MO6-1 21"X21"

8TH AVE. W.

E Lodo Rd

N

NOTES:

FOR ADDITIONAL ADVANCE SIGNING USE STANDARD DETAIL DRAWING "BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAIL B".

USE STANDARD DETAIL DRAWING "BARRICADES AND SIGNS FOR VARIOUS CLOSURES, DETAIL D" FOR DETAILS ON ROAD CLOSURE BARRICADES.

SIGN OR DEVICE SPACING SHOWN IS APPROXIMATE. FOLLOW STANDARD DETAIL DRAWINGS LISTED ABOVE.

GENERAL DETOUR NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DETOUR SIGN ASSEMBLY ON SINGLE SUPPORT
- LOCAL DETOUR ROUTE
- PHASE 1 DETOUR LEG
- PHASE 2 DETOUR LEG

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	LOCAL DETOUR - SHEET 1	SHEET 111	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\025000_TC-LOCALDETOUR.DWG
LAYOUT NAME - Local Detour - Sheet 1
PLOT DATE : 5/12/2023 9:36 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

N

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DETOUR SIGN ASSEMBLY ON SINGLE SUPPORT
- LOCAL DETOUR ROUTE
- PHASE 1 DETOUR LEG
- PHASE 2 DETOUR LEG

NOTES:

FOR ADDITIONAL ADVANCE SIGNING USE STANDARD DETAIL DRAWING "BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAIL B".

USE STANDARD DETAIL DRAWING "BARRICADES AND SIGNS FOR VARIOUS CLOSURES, DETAIL D" FOR DETAILS ON ROAD CLOSURE BARRICADES.

SIGN OR DEVICE SPACING SHOWN IS APPROXIMATE. FOLLOW STANDARD DETAIL DRAWINGS LISTED ABOVE.

MOVE 'SOUTH' DETOUR ASSEMBLIES AND BARRICADES ON STH 13 WHEN WASHINGTON AVENUE IS PHASE 2 DETOUR ROUTE.

W. BAYFIELD ST.

W Omaha St

W. HOLMAN DRIVE

W Holman Lakeview Dr

W Pine St

W 3rd St

N WASHINGTON AVE.

1ST AVE. W.

2ND AVE. W.

3RD AVE. W.

4TH AVE. W.

5TH AVE. W.

6TH AVE. W.

2nd Ave W

4th Ave W

6th Ave W

ROAD CLOSED 500 FT (W20-3D) — SOUTH CORNER OF 1ST AVE. W.

DETOUR AHEAD (W20-2A)

ROAD CLOSED AHEAD (W20-3A)

200 FEET NORTH OF CENTRAL AVE.

DETOUR / SOUTH / 13 — M4-8 24"X12", M3-3 24"X12", M1-6 24"X24"
- MO5-1L 21"X21" — PHASE 1 ONLY
- MO6-1 21"X21" — PHASE 1 ONLY
- MO6-1 21"X21" — PHASE 2 ONLY
- MO5-1L 21"X21" — PHASE 1 ONLY
- MO6-1 21"X21" — PHASE 1 ONLY
- MO6-1 21"X21" — PHASE 2 ONLY
- MO5-1R 21"X21" — PHASE 1 ONLY

END DETOUR / NORTH / 13 — M4-8A 24"X18", M3-1 24"X12", M1-6 24"X24"
- PHASE 1 ONLY
- PHASE 2 ONLY

DETOUR / NORTH / 13 — M4-8 24"X12", M3-1 24"X12", M1-6 24"X24"
- MO5-1L 21"X21" — PHASE 1 ONLY
- MO6-1 21"X21" — PHASE 1 ONLY
- OR MO6-1 21"X21" — PHASE 2 ONLY
- MO5-1R 21"X21" — PHASE 1 ONLY

GENERAL DETOUR NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

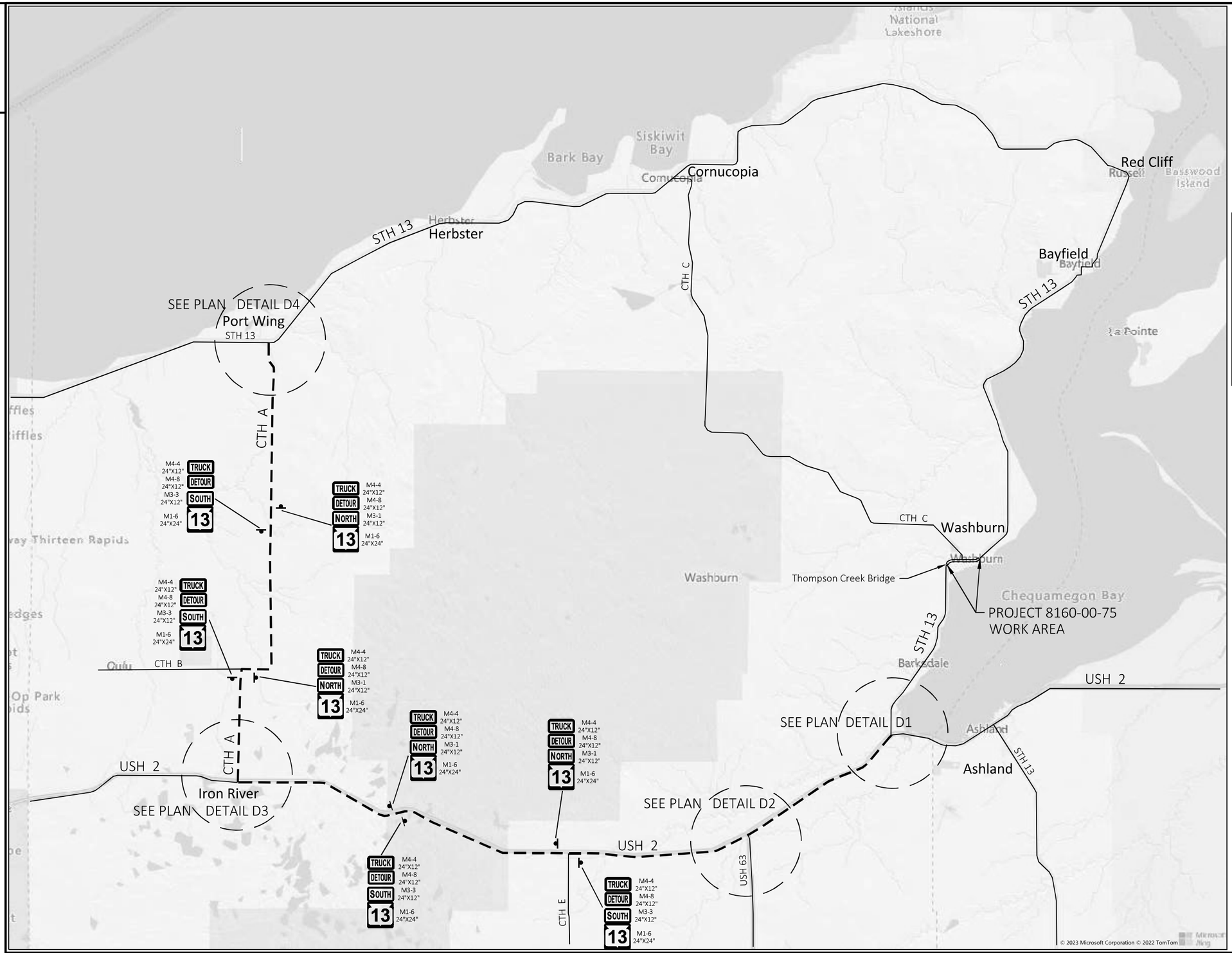
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	LOCAL DETOUR - SHEET 2	SHEET 112	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\025000_TC-LOCALDETOUR.DWG
LAYOUT NAME - Local Detour - Sheet 2

PLOT DATE : 5/12/2023 9:36 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



N

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- EXISTING SIGN
- PROPOSED SIGN
- DETOUR SIGN ON SINGLE SUPPORT
- EXISTING SIGN SUPPORT
- DETOUR ROUTE

GENERAL DETOUR NOTES:

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS. INSTALL DETOUR ASSEMBLIES ADJACENT TO EXISTING ROUTE MARKERS WHEN POSSIBLE.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TRUCK DETOUR OVERVIEW	SHEET 113	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\027001_TRUCKDETOUR.DWG
LAYOUT NAME - Detour Overview

PLOT DATE : 5/12/2023 9:41 AM PLOT BY : USER PLOT NAME : PLOT SCALE : Custom

GENERAL DETOUR NOTES:

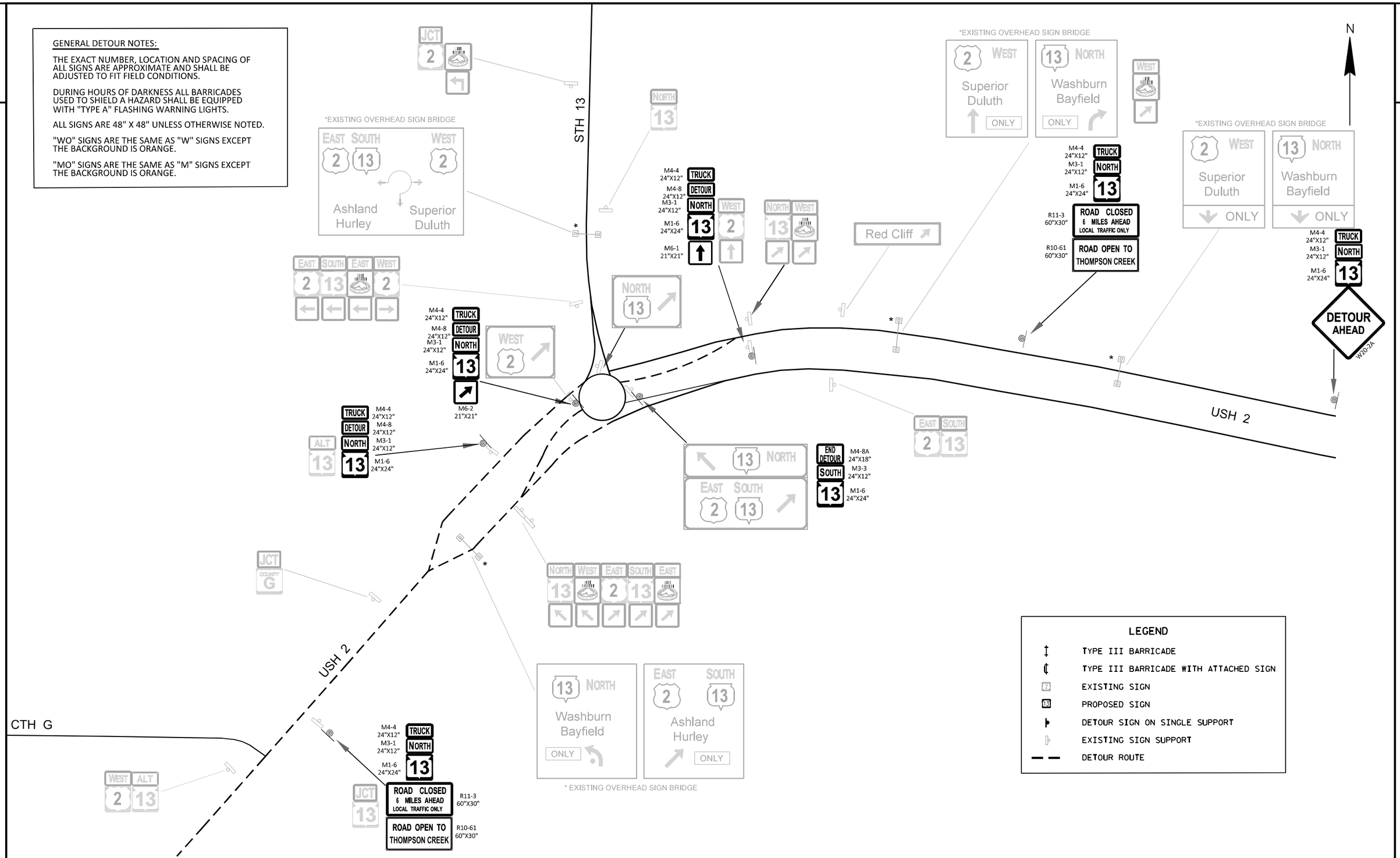
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TRUCK DETOUR PLAN DETAIL D1	SHEET 114	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\027001_TRUCKDETOUR.DWG
LAYOUT NAME - Detail D1

PLOT DATE : 5/12/2023 9:41 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:500 FT

GENERAL DETOUR NOTES:

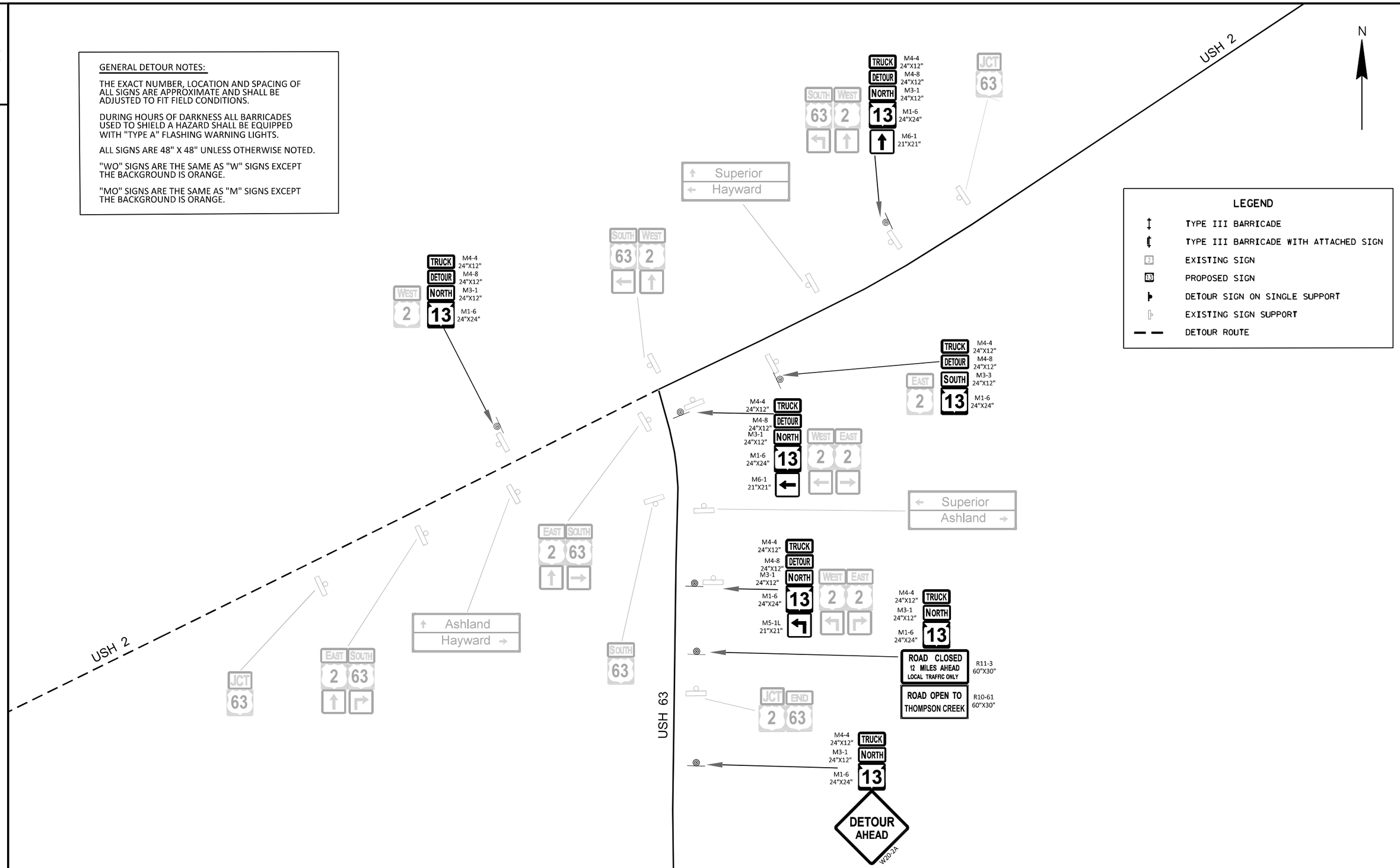
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TRUCK DETOUR PLAN DETAIL D2	SHEET 115	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\027001_TRUCKDETOUR.DWG
LAYOUT NAME - Detail D2

PLOT DATE : 5/12/2023 9:41 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:500 FT

GENERAL DETOUR NOTES:

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

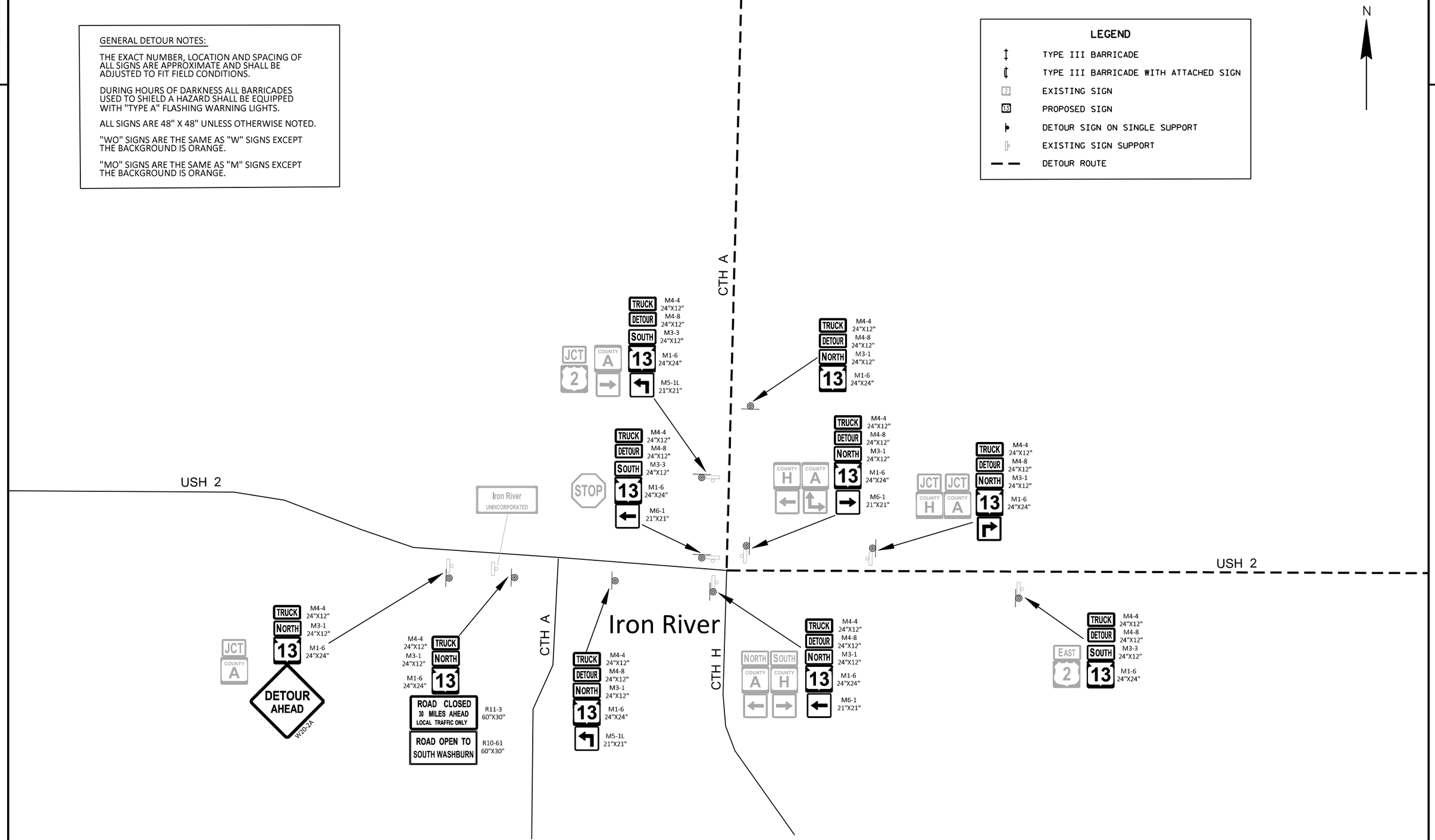
"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- EXISTING SIGN
- PROPOSED SIGN
- DETOUR SIGN ON SINGLE SUPPORT
- EXISTING SIGN SUPPORT
- DETOUR ROUTE

N



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TRUCK DETOUR PLAN DETAIL D3	SHEET 116	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\027001_TRUCKDETOUR.DWG
LAYOUT NAME - Detail D3

PLOT DATE : 5/12/2023 9:41 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:500 FT

2

2

GENERAL DETOUR NOTES:

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

N

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- EXISTING SIGN
- PROPOSED SIGN
- DETOUR SIGN ON SINGLE SUPPORT
- EXISTING SIGN SUPPORT
- DETOUR ROUTE

STH 13

Port Wing

STH 13

CTH A

JCT COUNTY A

TRUCK M4-4 24"X12"
DETOUR AHEAD W20-2A

TRUCK M4-4 24"X12"
SOUTH M3-3 24"X12"
13 M1-6 24"X24"
ROAD CLOSED 44 MILES AHEAD LOCAL TRAFFIC ONLY R11-3 60"X30"
ROAD OPEN TO NORTH WASHBURN R10-61 60"X30"

TRUCK M4-4 24"X12"
DETOUR M4-8 24"X12"
SOUTH M3-3 24"X12"
13 M1-6 24"X24"

COUNTY A

TRUCK M4-4 24"X12"
DETOUR M4-8 24"X12"
SOUTH M3-3 24"X12"
13 M1-6 24"X24"
M6-1 21"X21"

JCT 2

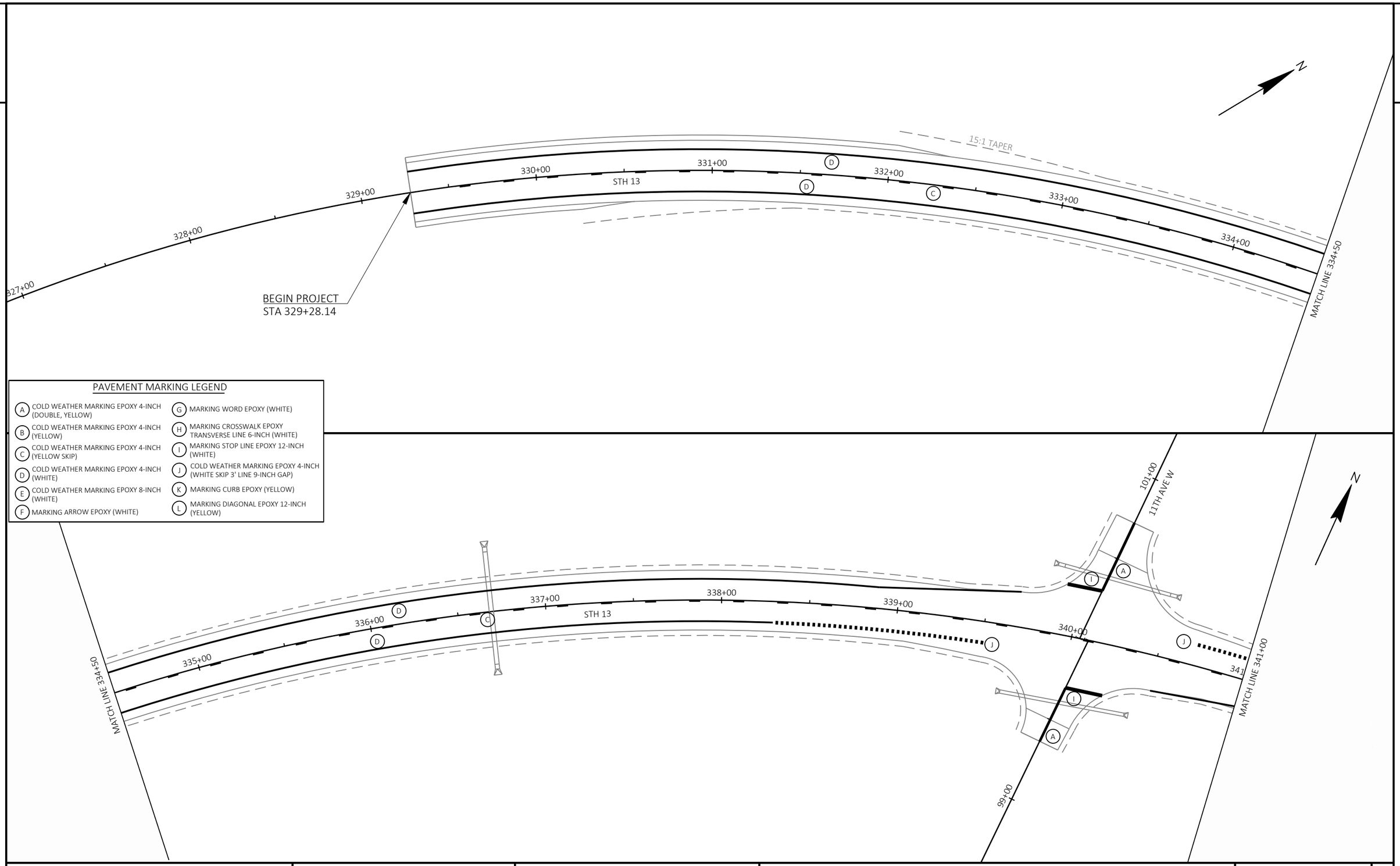
END DETOUR M4-8A 24"X18"
NORTH M3-1 24"X12"
13 M1-6 24"X24"

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	TRUCK DETOUR PLAN DETAIL D4	SHEET 117	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\2024_STH13-CITYWASHBURN-SEH\C3D-20\SHEETSPLAN\027001_TRUCKDETOUR.DWG
LAYOUT NAME - Detail D4

PLOT DATE : 5/12/2023 9:41 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:500 FT

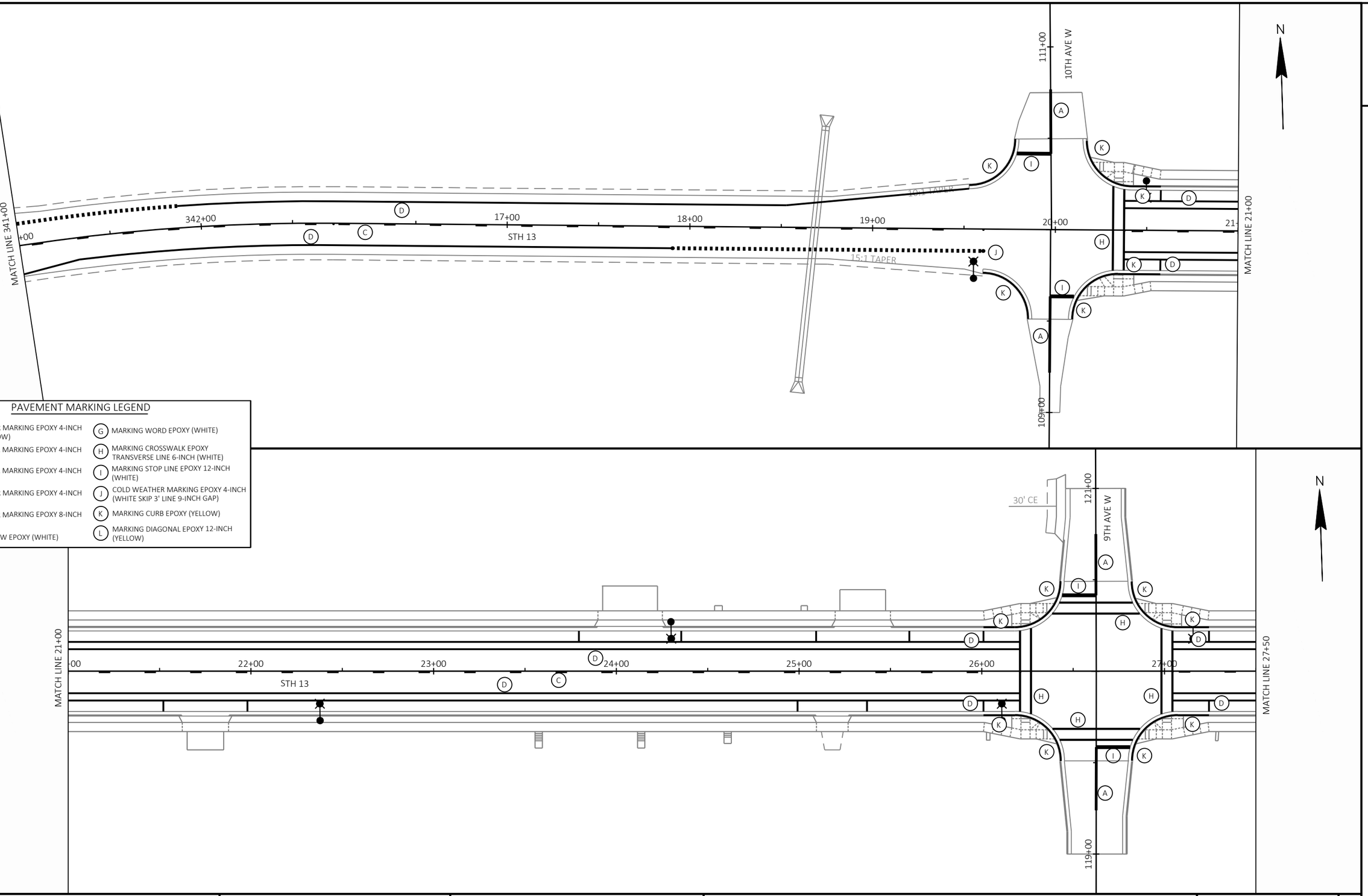
2



PAVEMENT MARKING LEGEND

- (A) COLD WEATHER MARKING EPOXY 4-INCH (DOUBLE, YELLOW)
- (B) COLD WEATHER MARKING EPOXY 4-INCH (YELLOW)
- (C) COLD WEATHER MARKING EPOXY 4-INCH (YELLOW SKIP)
- (D) COLD WEATHER MARKING EPOXY 4-INCH (WHITE)
- (E) COLD WEATHER MARKING EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (I) MARKING STOP LINE EPOXY 12-INCH (WHITE)
- (J) COLD WEATHER MARKING EPOXY 4-INCH (WHITE SKIP 3' LINE 9-INCH GAP)
- (K) MARKING CURB EPOXY (YELLOW)
- (L) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PAVEMENT MARKING	SHEET 118	E



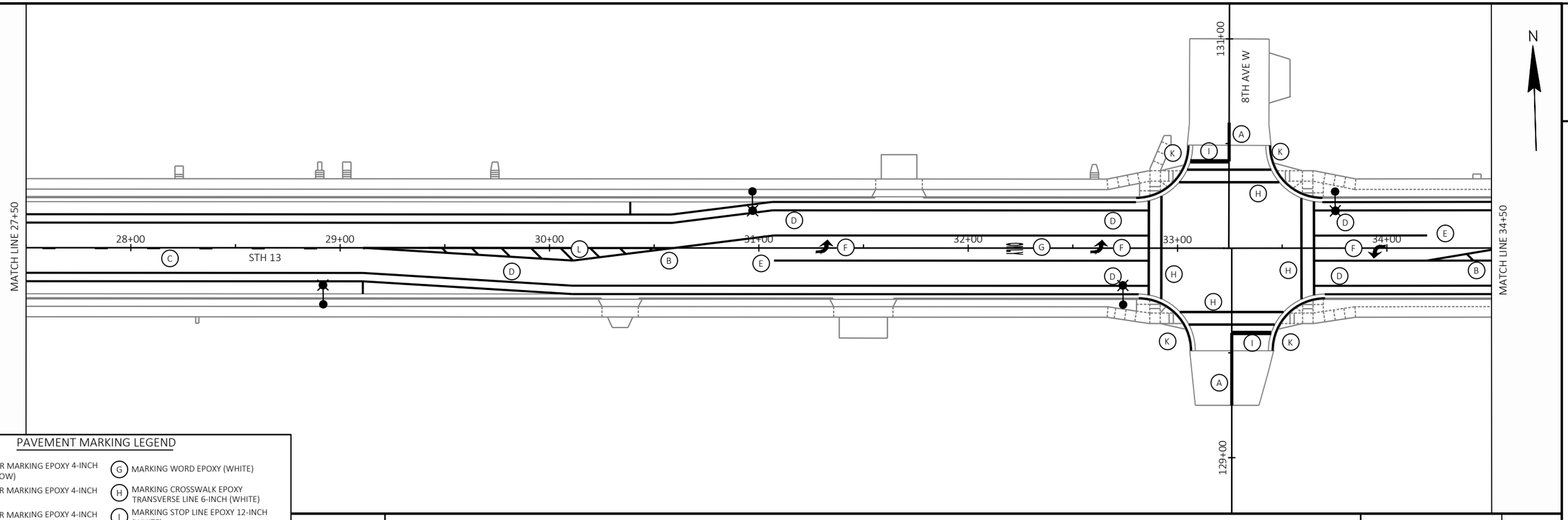
PAVEMENT MARKING LEGEND

- (A) COLD WEATHER MARKING EPOXY 4-INCH (DOUBLE, YELLOW)
- (B) COLD WEATHER MARKING EPOXY 4-INCH (YELLOW)
- (C) COLD WEATHER MARKING EPOXY 4-INCH (YELLOW SKIP)
- (D) COLD WEATHER MARKING EPOXY 4-INCH (WHITE)
- (E) COLD WEATHER MARKING EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (I) MARKING STOP LINE EPOXY 12-INCH (WHITE)
- (J) COLD WEATHER MARKING EPOXY 4-INCH (WHITE SKIP 3' LINE 9-INCH GAP)
- (K) MARKING CURB EPOXY (YELLOW)
- (L) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PAVEMENT MARKING	SHEET 119	E

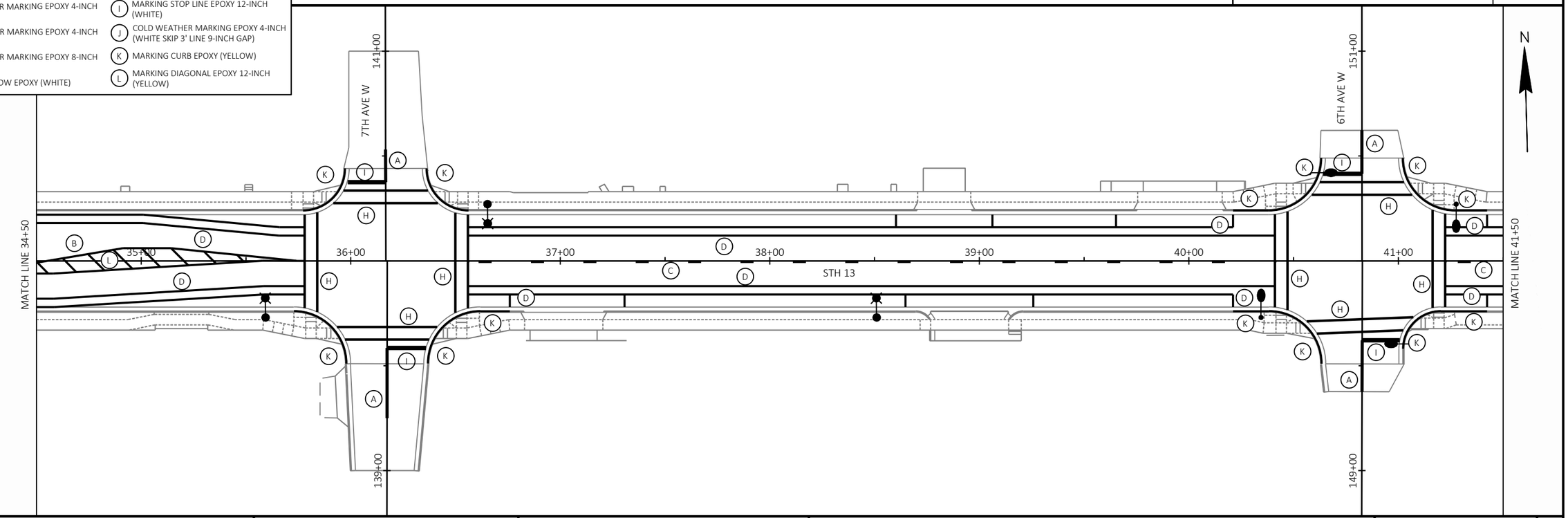
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\024501 _PM.DWG
LAYOUT NAME - 2

PLOT DATE : 5/12/2023 7:43 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : ##########



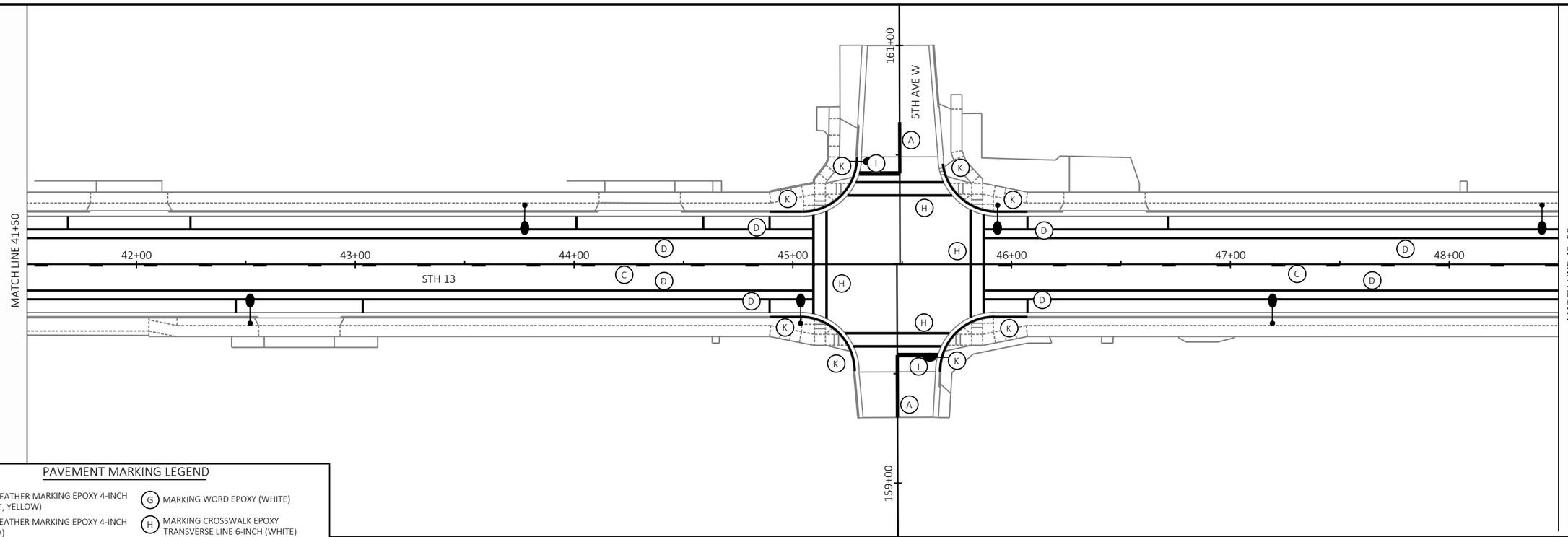
PAVEMENT MARKING LEGEND

- (A) COLD WEATHER MARKING EPOXY 4-INCH (DOUBLE, YELLOW)
- (B) COLD WEATHER MARKING EPOXY 4-INCH (YELLOW)
- (C) COLD WEATHER MARKING EPOXY 4-INCH (YELLOW SKIP)
- (D) COLD WEATHER MARKING EPOXY 4-INCH (WHITE)
- (E) COLD WEATHER MARKING EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (I) MARKING STOP LINE EPOXY 12-INCH (WHITE)
- (J) COLD WEATHER MARKING EPOXY 4-INCH (WHITE SKIP 3' LINE 9-INCH GAP)
- (K) MARKING CURB EPOXY (YELLOW)
- (L) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)



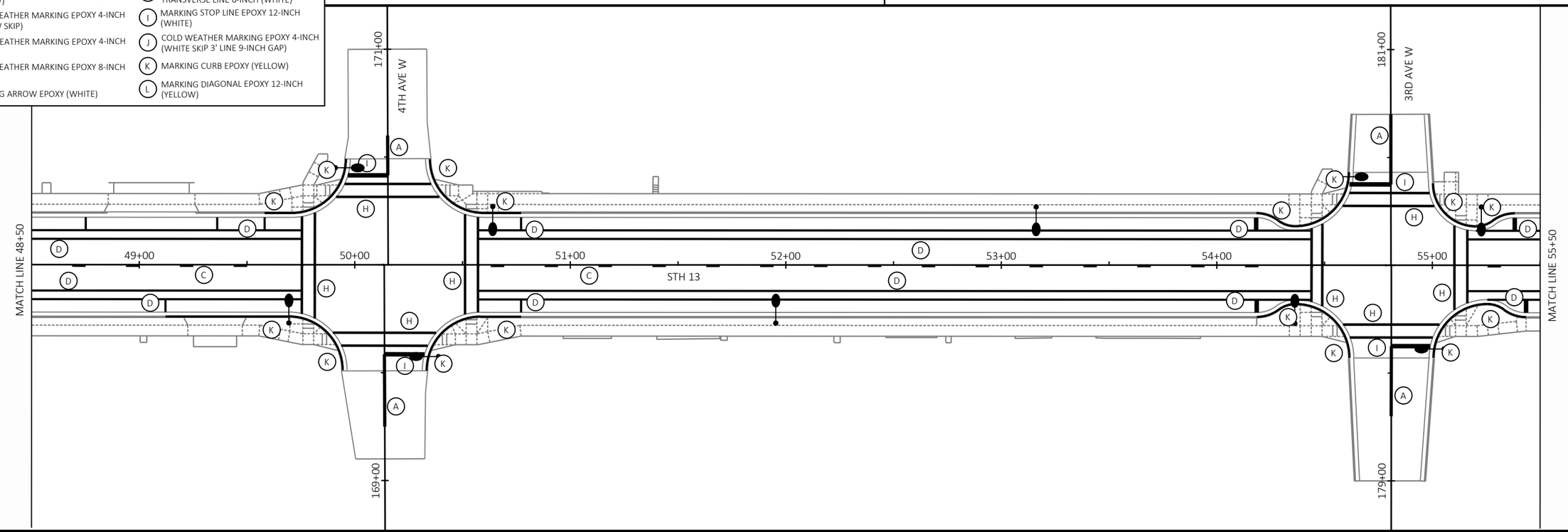
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PAVEMENT MARKING	SHEET 120	E

2

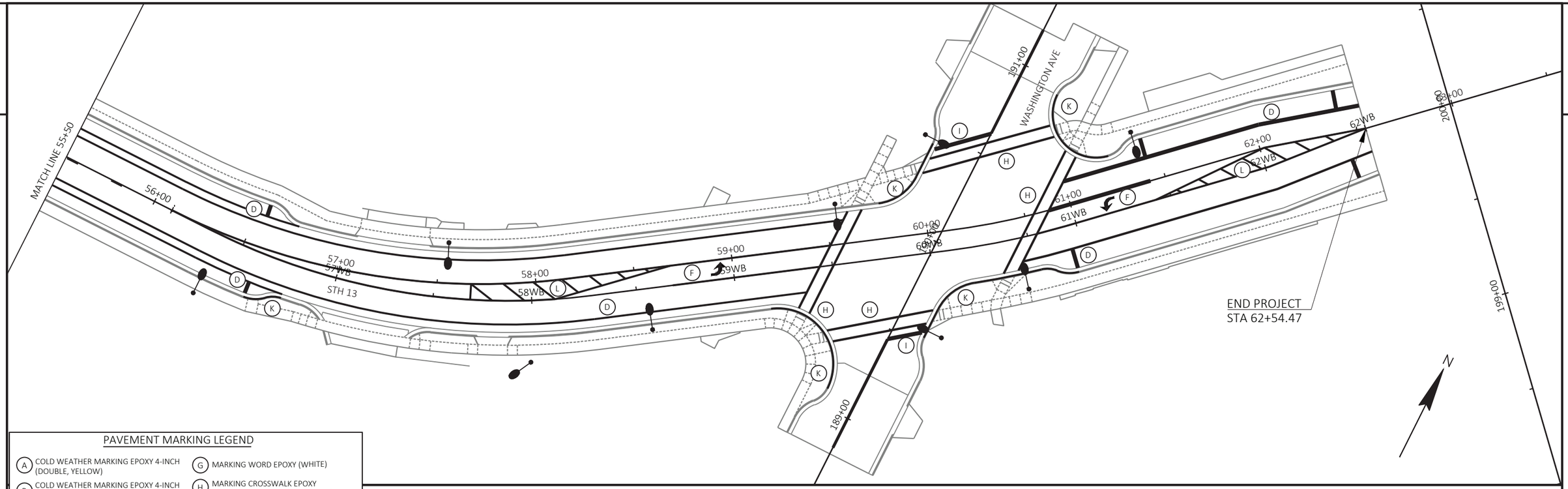


PAVEMENT MARKING LEGEND

- (A) COLD WEATHER MARKING EPOXY 4-INCH (DOUBLE, YELLOW)
- (B) COLD WEATHER MARKING EPOXY 4-INCH (YELLOW)
- (C) COLD WEATHER MARKING EPOXY 4-INCH (YELLOW SKIP)
- (D) COLD WEATHER MARKING EPOXY 4-INCH (WHITE)
- (E) COLD WEATHER MARKING EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (I) MARKING STOP LINE EPOXY 12-INCH (WHITE)
- (J) COLD WEATHER MARKING EPOXY 4-INCH (WHITE SKIP 3' LINE 9-INCH GAP)
- (K) MARKING CURB EPOXY (YELLOW)
- (L) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

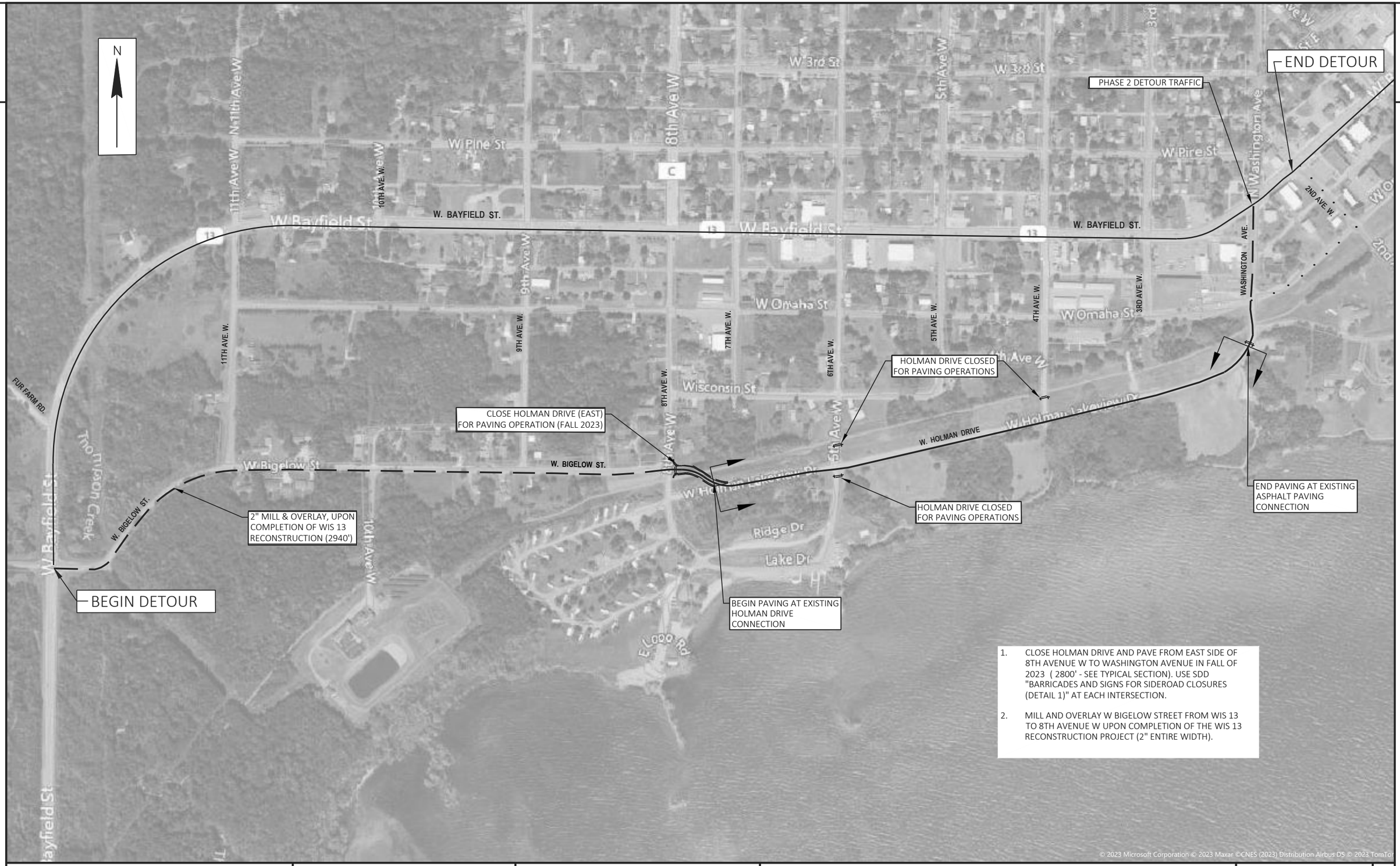


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PAVEMENT MARKING	SHEET 121	E



PAVEMENT MARKING LEGEND

- (A) COLD WEATHER MARKING EPOXY 4-INCH (DOUBLE, YELLOW)
- (B) COLD WEATHER MARKING EPOXY 4-INCH (YELLOW)
- (C) COLD WEATHER MARKING EPOXY 4-INCH (YELLOW SKIP)
- (D) COLD WEATHER MARKING EPOXY 4-INCH (WHITE)
- (E) COLD WEATHER MARKING EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (I) MARKING STOP LINE EPOXY 12-INCH (WHITE)
- (J) COLD WEATHER MARKING EPOXY 4-INCH (WHITE SKIP 3' LINE 9-INCH GAP)
- (K) MARKING CURB EPOXY (YELLOW)
- (L) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)



1. CLOSE HOLMAN DRIVE AND PAVE FROM EAST SIDE OF 8TH AVENUE W TO WASHINGTON AVENUE IN FALL OF 2023 (2800' - SEE TYPICAL SECTION). USE SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES (DETAIL 1)" AT EACH INTERSECTION.
2. MILL AND OVERLAY W BIGELOW STREET FROM WIS 13 TO 8TH AVENUE W UPON COMPLETION OF THE WIS 13 RECONSTRUCTION PROJECT (2" ENTIRE WIDTH).

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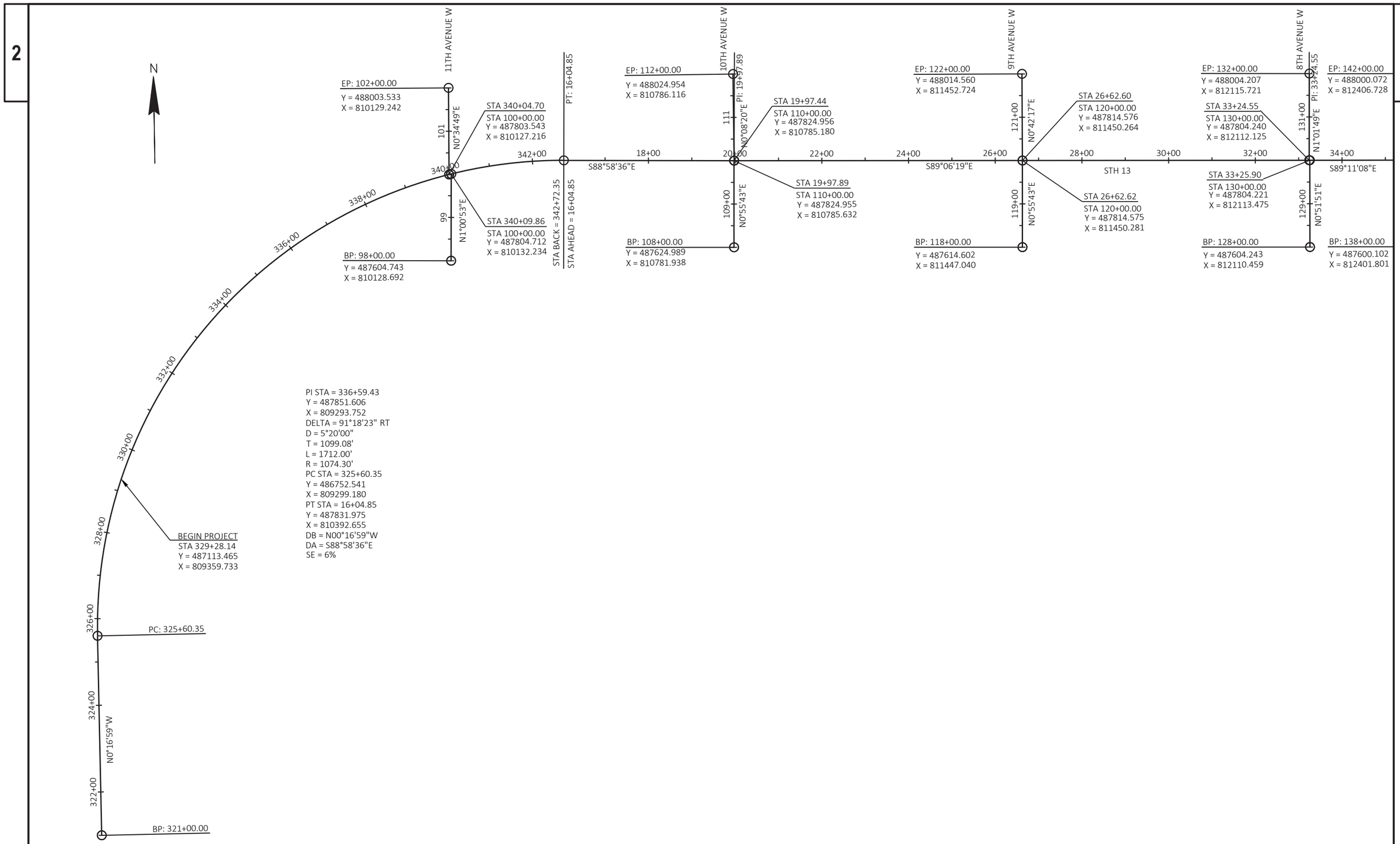
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	DETOUR PAVING DETAIL	SHEET 123	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\027001_DT.DWG
LAYOUT NAME - DETOUR PAVING DETAIL

PLOT DATE : 5/11/2023 12:20 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:400 FT



2

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	ALIGNMENT	SHEET 124	E

2

N

8TH AVENUE W

7TH AVENUE W

6TH AVENUE W

5TH AVENUE W

4TH AVENUE W

3RD AVENUE W

2ND AVENUE W

WASHINGTON AVENUE

STH 13

S89°11'08"E

N1°01'49"E

N0°43'03"E

N0°47'44"E

N0°40'51"E

N0°35'54"E

N0°43'06"E

N0°44'28"E

N0°50'12"E

N0°35'26"E

N0°34'45"E

N0°57'58"E

N0°53'20"E

N0°51'51"E

N47°44'44"E

N53°14'16"E

N56°46'52"E

N42°15'58"W

PI: 33+54.55

PI: 62+02.23

PI: 61+54.47

EP: 142+00.00
Y = 488000.072
X = 812406.728

EP: 152+00.00
Y = 487993.442
X = 812872.866

EP: 162+00.00
Y = 487986.822
X = 813338.774

EP: 172+00.00
Y = 487980.194
X = 813804.945

EP: 182+00.00
Y = 487973.574
X = 814270.665

EP: 192+00.00
Y = 488127.115
X = 814754.759

EP: 202+00.00

STA 54+80.80
STA 180+00.00
Y = 487773.590
X = 814268.157

STA 36+16.67
STA 140+00.00
Y = 487800.087
X = 812404.223

STA 40+82.59
STA 150+00.00
Y = 487793.465
X = 812870.090

STA 45+48.94
STA 160+00.00
Y = 487786.836
X = 813336.397

STA 50+15.45
STA 170+00.00
Y = 487780.205
X = 813802.857

PT: 60+94.66

PT: 58+16.05

PC: 56+09.93

PC: 60+09.00

BP: 188+00.00
Y = 487727.149
X = 814749.585

STA 60+07.23
STA 190+06.03
Y = 487933.160
X = 814752.250

END PROJECT
STA 62+54.47
Y = 488074.080
X = 814922.175

STA AHEAD = 60+94.66

STA BACK = 60+68.45

66+00

64+00

191+00

189+00

179+00

169+00

159+00

149+00

139+00

129+00

131+00

141+00

151+00

161+00

171+00

181+00

34+00

36+00

38+00

40+00

42+00

44+00

46+00

48+00

50+00

52+00

54+00

56+00

57WB

58WB

59WB

60WB

STA 36+17.35
STA 140+00.00
Y = 487800.078
X = 812404.904

STA 40+82.81
STA 150+00.00
Y = 487670.659
X = 812985.947

STA 45+47.53
STA 160+00.00
Y = 487786.856
X = 813334.985

STA 50+13.60
STA 170+00.00
Y = 487780.231
X = 813801.009

STA 54+80.98
STA 180+00.00
Y = 487773.587
X = 814268.337

BP: 138+00.00
Y = 487600.102
X = 812401.801

BP: 148+00.00
Y = 487593.490
X = 812866.939

BP: 158+00.00
Y = 487586.866
X = 813332.964

BP: 168+00.00
Y = 487580.241
X = 813798.947

BP: 178+00.00
Y = 487573.609
X = 814265.417

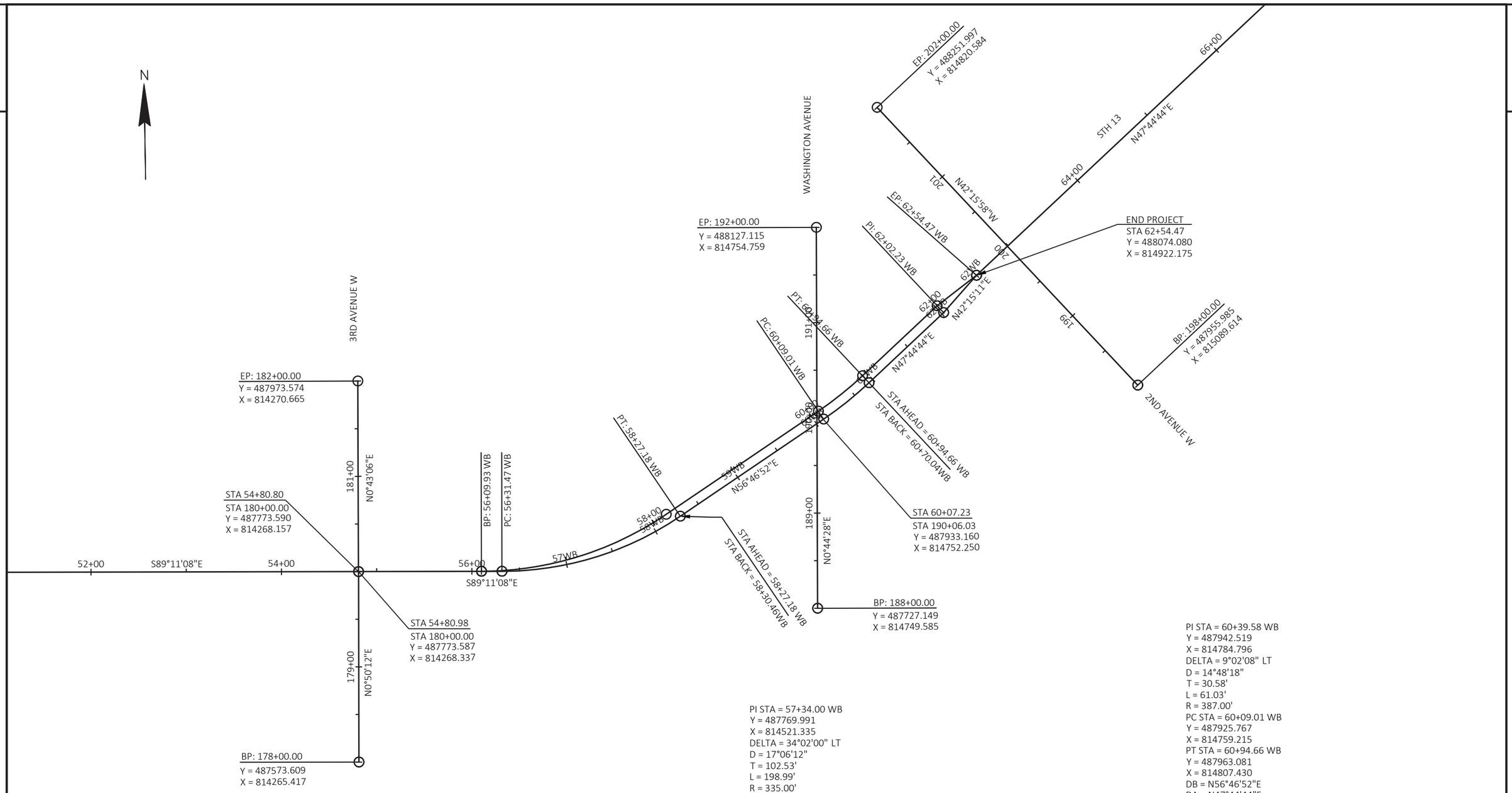
PI STA = 57+16.13
Y = 487770.245
X = 814503.469
DELTA = 34°02'00" LT
D = 16°30'42"
T = 106.20'
L = 206.12'
R = 347.00'
PC STA = 56+09.93
Y = 487771.754
X = 814397.281
PT STA = 58+16.05
Y = 487828.425
X = 814592.313
DB = S89°11'08"E
DA = N56°46'52"E
SE = NC

PI STA = 60+38.79
Y = 487950.452
X = 814778.657
DELTA = 9°02'08" LT
D = 15°11'52"
T = 29.79'
L = 59.45'
R = 377.00'
PC STA = 60+09.00
Y = 487934.133
X = 814753.736
PT STA = 60+94.66
Y = 487970.483
X = 814800.705
DB = N56°46'52"E
DA = N47°44'44"E
SE = NC

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	ALIGNMENT	SHEET 125	E

FILE NAME : X:\IZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - 02
PLOT DATE : 4/28/2023 3:10 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2



PI STA = 57+34.00 WB
Y = 487769.991
X = 814521.335
DELTA = 34°02'00" LT
D = 17°06'12"
T = 102.53'
L = 198.99'
R = 335.00'
PC STA = 56+31.47 WB
Y = 487771.448
X = 814418.819
PT STA = 58+27.18 WB
Y = 487826.159
X = 814607.107
DB = S89°11'08"E
DA = N56°46'52"E
SE = NC

PI STA = 60+39.58 WB
Y = 487942.519
X = 814784.796
DELTA = 9°02'08" LT
D = 14°48'18"
T = 30.58'
L = 61.03'
R = 387.00'
PC STA = 60+09.01 WB
Y = 487925.767
X = 814759.215
PT STA = 60+94.66 WB
Y = 487963.081
X = 814807.430
DB = N56°46'52"E
DA = N47°44'44"E
SE = NC

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	ALIGNMENT	SHEET 126	E

8160-00-75

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	2.000	2.000
0004	201.0120	Clearing	ID	262.000	262.000
0006	201.0205	Grubbing	STA	2.000	2.000
0008	201.0220	Grubbing	ID	262.000	262.000
0010	203.0100	Removing Small Pipe Culverts	EACH	4.000	4.000
0012	204.0100	Removing Concrete Pavement	SY	27,175.000	27,175.000
0014	204.0115	Removing Asphaltic Surface Butt Joints	SY	300.000	300.000
0016	204.0120	Removing Asphaltic Surface Milling	SY	16,800.000	16,800.000
0018	204.0150	Removing Curb & Gutter	LF	760.000	760.000
0020	204.0155	Removing Concrete Sidewalk	SY	4,610.000	4,610.000
0022	204.0195	Removing Concrete Bases	EACH	33.000	33.000
0024	204.0210	Removing Manholes	EACH	26.000	26.000
0026	204.0220	Removing Inlets	EACH	43.000	43.000
0028	204.0245	Removing Storm Sewer (size) 01. 6-inch	LF	10.000	10.000
0030	204.0245	Removing Storm Sewer (size) 02. 8-inch	LF	30.000	30.000
0032	204.0245	Removing Storm Sewer (size) 03. 10-inch	LF	160.000	160.000
0034	204.0245	Removing Storm Sewer (size) 04. 12-inch	LF	1,279.000	1,279.000
0036	204.0245	Removing Storm Sewer (size) 05. 15-inch	LF	329.000	329.000
0038	204.0245	Removing Storm Sewer (size) 06. 18-inch	LF	1,308.000	1,308.000
0040	204.0245	Removing Storm Sewer (size) 07. 20-inch	LF	63.000	63.000
0042	204.0245	Removing Storm Sewer (size) 08. 24-inch	LF	179.000	179.000
0044	204.0245	Removing Storm Sewer (size) 09. 42-inch	LF	189.000	189.000
0046	204.9090.S	Removing (item description) 01. Removing Planter Retaining Wall	LF	5.000	5.000
0048	205.0100	Excavation Common	CY	43,220.000	43,220.000
0050	209.1100	Backfill Granular Grade 1	CY	23,927.000	23,927.000
0052	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 8160-00-75	EACH	1.000	1.000
0054	211.0201	Prepare Foundation for Concrete Pavement (project) 01. 8160-00-75	EACH	1.000	1.000
0056	213.0100	Finishing Roadway (project) 01. 8160-00-75	EACH	1.000	1.000
0058	305.0110	Base Aggregate Dense 3/4-Inch	TON	4,345.000	4,345.000
0060	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	18,454.000	18,454.000
0062	415.0080	Concrete Pavement 8-Inch	SY	30,477.000	30,477.000
0064	415.4100	Concrete Pavement Joint Filling	SY	26,338.000	26,338.000
0066	416.0160	Concrete Driveway 6-Inch	SY	870.000	870.000
0068	455.0605	Tack Coat	GAL	2,075.000	2,075.000
0070	460.2000	Incentive Density HMA Pavement	DOL	2,720.000	2,720.000
0072	460.6224	HMA Pavement 4 MT 58-28 S	TON	1,212.000	1,212.000
0074	460.6244	HMA Pavement 4 MT 58-34 S	TON	3,038.000	3,038.000
0076	465.0105	Asphaltic Surface	TON	50.000	50.000
0078	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	101.000	101.000
0080	520.1024	Apron Endwalls for Culvert Pipe 24-Inch	EACH	1.000	1.000
0082	520.8000	Concrete Collars for Pipe	EACH	3.000	3.000
0084	522.0418	Culvert Pipe Reinforced Concrete Class IV 18-Inch	LF	126.000	126.000
0086	522.0448	Culvert Pipe Reinforced Concrete Class IV 48-Inch	LF	136.000	136.000
0088	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	4.000	4.000
0090	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	1.000	1.000
0092	522.1030	Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	EACH	1.000	1.000
0094	522.1048	Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	EACH	2.000	2.000
0096	522.2419	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF	62.000	62.000
0098	522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH	2.000	2.000

8160-00-75

Line	Item	Item Description	Unit	Total	Qty
0100	601.0110	Concrete Curb Type D	LF	5.000	5.000
0102	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	8,461.000	8,461.000
0104	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	798.000	798.000
0106	601.0600	Concrete Curb Pedestrian	LF	112.000	112.000
0108	602.0405	Concrete Sidewalk 4-Inch	SF	56,705.000	56,705.000
0110	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	680.000	680.000
0112	602.1500	Concrete Steps	SF	164.000	164.000
0114	606.0200	Riprap Medium	CY	11.000	11.000
0116	606.0300	Riprap Heavy	CY	40.000	40.000
0118	608.0342	Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	LF	82.000	82.000
0120	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	326.000	326.000
0122	608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF	368.000	368.000
0124	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	84.000	84.000
0126	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	422.000	422.000
0128	608.0430	Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	LF	65.000	65.000
0130	608.0442	Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	LF	108.000	108.000
0132	608.0460	Storm Sewer Pipe Reinforced Concrete Class IV 60-Inch	LF	288.000	288.000
0134	608.2424	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	LF	170.000	170.000
0136	608.3012	Storm Sewer Pipe Class III-A 12-Inch	LF	1,600.000	1,600.000
0138	608.3015	Storm Sewer Pipe Class III-A 15-Inch	LF	844.000	844.000
0140	608.3024	Storm Sewer Pipe Class III-A 24-Inch	LF	1,178.000	1,178.000
0142	608.3030	Storm Sewer Pipe Class III-A 30-Inch	LF	59.000	59.000
0144	611.0420	Reconstructing Manholes	EACH	1.000	1.000
0146	611.0530	Manhole Covers Type J	EACH	16.000	16.000
0148	611.0624	Inlet Covers Type H	EACH	68.000	68.000
0150	611.0639	Inlet Covers Type H-S	EACH	26.000	26.000
0152	611.2004	Manholes 4-FT Diameter	EACH	2.000	2.000
0154	611.2005	Manholes 5-FT Diameter	EACH	2.000	2.000
0156	611.2006	Manholes 6-FT Diameter	EACH	8.000	8.000
0158	611.2007	Manholes 7-FT Diameter	EACH	1.000	1.000
0160	611.2008	Manholes 8-FT Diameter	EACH	3.000	3.000
0162	611.3004	Inlets 4-FT Diameter	EACH	26.000	26.000
0164	611.3230	Inlets 2x3-FT	EACH	64.000	64.000
0166	611.8110	Adjusting Manhole Covers	EACH	3.000	3.000
0168	611.8120.S	Cover Plates Temporary	EACH	3.000	3.000
0170	612.0206	Pipe Underdrain Unperforated 6-Inch	LF	135.000	135.000
0172	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	11,915.000	11,915.000
0174	612.0806	Apron Endwalls for Underdrain Reinforced Concrete 6-Inch	EACH	8.000	8.000
0176	616.0700.S	Fence Safety	LF	280.000	280.000
0178	618.0100	Maintenance And Repair of Haul Roads (project) 01. 8160-00-75	EACH	1.000	1.000
0180	619.1000	Mobilization	EACH	1.000	1.000
0182	623.0200	Dust Control Surface Treatment	SY	27,018.000	27,018.000
0184	624.0100	Water	MGAL	160.000	160.000
0186	625.0100	Topsoil	SY	6,302.000	6,302.000
0188	625.0500	Salvaged Topsoil	SY	910.000	910.000
0190	628.1504	Silt Fence	LF	350.000	350.000
0192	628.1520	Silt Fence Maintenance	LF	350.000	350.000
0194	628.1905	Mobilizations Erosion Control	EACH	8.000	8.000
0196	628.1910	Mobilizations Emergency Erosion Control	EACH	12.000	12.000

8160-00-75

Line	Item	Item Description	Unit	Total	Qty
0198	628.2004	Erosion Mat Class I Type B	SY	433.000	433.000
0200	628.2006	Erosion Mat Urban Class I Type A	SY	3,077.000	3,077.000
0202	628.7005	Inlet Protection Type A	EACH	94.000	94.000
0204	628.7015	Inlet Protection Type C	EACH	94.000	94.000
0206	628.7504	Temporary Ditch Checks	LF	40.000	40.000
0208	628.7555	Culvert Pipe Checks	EACH	5.000	5.000
0210	628.7560	Tracking Pads	EACH	4.000	4.000
0212	629.0210	Fertilizer Type B	CWT	4.130	4.130
0214	630.0120	Seeding Mixture No. 20	LB	22.000	22.000
0216	630.0140	Seeding Mixture No. 40	LB	103.000	103.000
0218	630.0200	Seeding Temporary	LB	177.000	177.000
0220	633.5200	Markers Culvert End	EACH	4.000	4.000
0222	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	1.000	1.000
0224	637.2210	Signs Type II Reflective H	SF	5.000	5.000
0226	638.2102	Moving Signs Type II	EACH	62.000	62.000
0228	638.2602	Removing Signs Type II	EACH	2.000	2.000
0230	638.3000	Removing Small Sign Supports	EACH	8.000	8.000
0232	638.4000	Moving Small Sign Supports	EACH	19.000	19.000
0234	642.5201	Field Office Type C	EACH	1.000	1.000
0236	643.0300	Traffic Control Drums	DAY	19,726.000	19,726.000
0238	643.0410	Traffic Control Barricades Type II	DAY	3,278.000	3,278.000
0240	643.0420	Traffic Control Barricades Type III	DAY	17,111.000	17,111.000
0242	643.0705	Traffic Control Warning Lights Type A	DAY	23,822.000	23,822.000
0244	643.0900	Traffic Control Signs	DAY	60,784.000	60,784.000
0246	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000
0248	643.3105	Temporary Marking Line Paint 4-Inch	LF	14,720.000	14,720.000
0250	643.3805	Temporary Marking Stop Line Paint 18-Inch	LF	216.000	216.000
0252	643.5000	Traffic Control	EACH	1.000	1.000
0254	644.1430	Temporary Pedestrian Surface Plate	SF	1,472.000	1,472.000
0256	644.1601	Temporary Pedestrian Curb Ramp	DAY	1,105.000	1,105.000
0258	644.1605	Temporary Pedestrian Detectable Warning Field	SF	32.000	32.000
0260	644.1810	Temporary Pedestrian Barricade	LF	4,452.000	4,452.000
0262	645.0120	Geotextile Type HR	SY	102.000	102.000
0264	646.5020	Marking Arrow Epoxy	EACH	5.000	5.000
0266	646.5120	Marking Word Epoxy	EACH	1.000	1.000
0268	646.5520	Marking Outfall Epoxy	EACH	7.000	7.000
0270	646.6020	Marking Stop Line Epoxy 12-Inch	LF	384.000	384.000
0272	646.6464	Cold Weather Marking Epoxy 4-Inch	LF	20,874.000	20,874.000
0274	646.6468	Cold Weather Marking Epoxy 8-Inch	LF	362.000	362.000
0276	646.7120	Marking Diagonal Epoxy 12-Inch	LF	247.000	247.000
0278	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	3,019.000	3,019.000
0280	646.8120	Marking Curb Epoxy	LF	1,925.000	1,925.000
0282	650.4000	Construction Staking Storm Sewer	EACH	113.000	113.000
0284	650.4500	Construction Staking Subgrade	LF	7,774.000	7,774.000
0286	650.5000	Construction Staking Base	LF	3,542.000	3,542.000
0288	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	918.000	918.000
0290	650.6000	Construction Staking Pipe Culverts	EACH	4.000	4.000
0292	650.7000	Construction Staking Concrete Pavement	LF	6,659.000	6,659.000
0294	650.8000	Construction Staking Resurfacing Reference	LF	8,400.000	8,400.000

8160-00-75

Line	Item	Item Description	Unit	Total	Qty
0296	650.8501	Construction Staking Electrical Installations (project) 01. 8160-00-75	EACH	1.000	1.000
0298	650.9000	Construction Staking Curb Ramps	EACH	68.000	68.000
0300	650.9500	Construction Staking Sidewalk (project) 01. 8160-00-75	EACH	1.000	1.000
0302	650.9911	Construction Staking Supplemental Control (project) 01. 8160-00-75	EACH	1.000	1.000
0304	650.9920	Construction Staking Slope Stakes	LF	8,794.000	8,794.000
0306	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	4,431.000	4,431.000
0308	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	332.000	332.000
0310	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	8.000	8.000
0312	655.0610	Electrical Wire Lighting 12 AWG	LF	5,304.000	5,304.000
0314	655.0625	Electrical Wire Lighting 6 AWG	LF	15,993.000	15,993.000
0316	655.0630	Electrical Wire Lighting 4 AWG	LF	15,933.000	15,933.000
0318	690.0150	Sawing Asphalt	LF	1,481.000	1,481.000
0320	690.0250	Sawing Concrete	LF	700.000	700.000
0322	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	9,145.000	9,145.000
0324	740.0440	Incentive IRI Ride	DOL	4,520.000	4,520.000
0326	999.1001.S	Seismograph	EACH	1.000	1.000
0328	999.1501.S	Crack and Damage Survey	EACH	23.000	23.000
0330	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,500.000	2,500.000
0332	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,500.000	2,500.000
0334	SPV.0060	Special 01. Residential Manholes	EACH	1.000	1.000
0336	SPV.0060	Special 02. Inlets 5-ft Diameter	EACH	1.000	1.000
0338	SPV.0060	Special 03. Inlets 6-ft Diameter	EACH	3.000	3.000
0340	SPV.0060	Special 04. Inlets 8-ft Diameter	EACH	1.000	1.000
0342	SPV.0060	Special 05. Concrete Bases Type Special	EACH	31.000	31.000
0344	SPV.0060	Special 06. Lighting Unit Type Special	EACH	31.000	31.000
0346	SPV.0060	Special 07. Concrete Control Cabinet Base Type Special	EACH	2.000	2.000
0348	SPV.0060	Special 08. Lighting Control Cabinet Type Special	EACH	2.000	2.000
0350	SPV.0060	Special 09. Salvage and Re-Install Riprap	EACH	1.000	1.000
0352	SPV.0090	Special 01. Storm Sewer Pipe PVC 6-Inch	LF	173.000	173.000
0354	SPV.0090	Special 02. Storm Sewer Pipe PVC 8-Inch	LF	21.000	21.000
0356	SPV.0090	Special 03. Concrete Silane Sealer For PCC Sawcuts	LF	5,672.000	5,672.000
0358	SPV.0090	Special 04. Cure and Seal Treatment, Concrete Curb and Gutter	LF	9,371.000	9,371.000
0360	SPV.0165	Special 01. Cure and Seal Treatment, Concrete Sidewalk	SF	56,705.000	56,705.000

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DETOUR ITEMS

CATEGORY	STATION - STATION	LOCATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	305.0110 * BASE AGGREGATE DENSE 3/4 INCH TON	305.0120 * BASE AGGREGATE DENSE 1-1/4 INCH TON	455.0605 * TACK COAT GAL	460.6224 * HMA PAVEMENT 4 MT 58-28 S LOWER LAYER TON	460.6244 * HMA PAVEMENT 4 MT 58-34 S UPPER LAYER TON	643.3105 TEMPORARY MARKING LINE PAINT 4-INCH LF	649.3805 TEMPORARY MARKING STOP LINE PAINT 18-INCH LF	650.5000 * CONSTRUCTION STAKING BASE LF	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9920 * CONSTRUCTION STAKING SLOPE STAKES LF	REMARKS
0010	W BIGELOW ST	STH 13 - 8TH AVE	150	9147			549	0	1024	5880	48		2940		
0010	8TH AVE	W BIGELOW - HOLMAN								340	36		170		PREVIOUSLY PAVED BY CITY
0010	HOLMAN DRIVE	8TH AVE - HARBORVIEW			653	3733	896	836	836	5600	84	2800	2800	2800	
0010	HARBOR VIEW DRIVE	WASHINGTON - 2ND AVE	75	2800			168	0	314	1800	24		900		
0010	WASHINGTON AVE	HARBORVIEW - STH 13	75	1964			117	0	219	1100	24		550		
0010	8TH AVE	STH 13 - W BIGELOW ST		2889			173	0	324				1040		
	TOTAL 0010		300	16800	653	3733	1903	836	2717	14720	216	2800	8400	2800	

* QUANTITIES ALSO SHOWN ELSEWHERE

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CLEARING AND GRUBBING

CATEGORY	STATION	TO	LOCATION	201.0120 CLEARING ID	201.0220 GRUBBING ID
0010	18+00	-	LT & RT		
0010	20+36	-	RT	20	20
0010	20+39	-	RT	20	20
0010	28+50	-	LT	16	16
0010	28+55	-	LT	28	28
0010	28+60	-	LT	20	20
0010	28+68	-	LT	20	20
0010	29+97	-	RT	30	30
0010	30+76	-	LT	36	36
0010	30+92	-	LT	36	36
0010	51+62	-	LT	36	36
			TOTAL 0010	262	262

CLEARING AND GRUBBING

CATEGORY	STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	201.0205 GRUBBING STA
0010	18+00	-	20+00	LT & RT	2	2
				TOTAL 0010	2	2

REMOVING SMALL CULVERT PIPE

CATEGORY	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	REMARKS
0010	336+69	CL	1	24" x 66' CPCS - STH 13
0010	99+65.7	CL	1	18" x 50' CPCS - 11th Ave W.
0010	100+38.8	CL	1	18" x 50' CPCS - 11th Ave W.
0010	18+68	CL	1	22" x 160' Poly (Lining CPCS - STH 13
		TOTAL 0010	4	

REMOVALS

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 REMOVING CONCRETE PAVEMENT SY	REMARKS
0010	19+55	-	26+62	LT & RT	3,052	10TH AVENUE - 9TH AVENUE
0010	26+62	-	33+24	LT & RT	3,210	9TH AVENUE - 8TH AVENUE
0010	33+24	-	36+17	LT & RT	1,550	8TH AVENUE - 7TH AVENUE
0010	36+17	-	40+82	LT & RT	1,989	7TH AVENUE - 6TH AVENUE
0010	40+82	-	45+47	LT & RT	1,988	6TH AVENUE - 5TH AVENUE
0010	45+47	-	50+13	LT & RT	2,002	5TH AVENUE - 4TH AVENUE
0010	50+13	-	54+80	LT & RT	2,031	4TH AVENUE - 3RD AVENUE
0010	54+80	-	60+07	LT & RT	2,739	3RD AVENUE - WASHINGTON AVENUE
0010	60+07	-	62+54	LT & RT	1,152	WASHINGTON AVENUE - 2ND AVENUE
0010	110+22	-	110+49	LT & RT	160	10TH AVENUE
0010	119+51	-	119+78	LT & RT	165	9TH AVENUE
0010	120+22	-	120+49	LT & RT	160	9TH AVENUE
0010	129+52	-	129+78	LT & RT	160	8TH AVENUE
0010	130+22	-	130+49	LT & RT	165	8TH AVENUE
0010	139+51	-	139+78	LT & RT	165	7TH AVENUE
0010	140+22	-	140+48	LT & RT	160	7TH AVENUE
0010	149+51	-	149+78	LT & RT	165	6TH AVENUE
0010	150+22	-	150+49	LT & RT	165	6TH AVENUE
0010	159+51	-	159+78	LT & RT	165	5TH AVENUE
0010	160+22	-	160+49	LT & RT	165	5TH AVENUE
0010	169+50	-	169+78	LT & RT	170	4TH AVENUE
0010	170+22	-	170+49	LT & RT	165	4TH AVENUE
0010	179+51	-	179+78	LT & RT	160	3RD AVENUE
0010	180+22	-	180+49	LT & RT	160	3RD AVENUE
0010	189+27	-	189+71	LT & RT	270	WASHINGTON AVENUE
0010	190+33	-	191+08	LT & RT	550	WASHINGTON AVENUE
0010	21+75.0	-		RT	25	DRIVEWAY
0010	24+07.3	-		LT	71	DRIVEWAY
0010	25+18.1	-		RT	8	DRIVEWAY
0010	25+34.8	-		LT	27	DRIVEWAY
0010	30+33.8	-		RT	10	DRIVEWAY
0010	31+50.0	-		RT	22	DRIVEWAY
0010	31+67.0	-		LT	42	DRIVEWAY
0010	37+01.6	-		RT	29	DRIVEWAY
0010	38+83.2	-		LT	19	DRIVEWAY
0010	38+96.5	-		RT	74	DRIVEWAY
0010	39+95.7	-		LT	50	DRIVEWAY
0010	41+96.7	-		LT	26	DRIVEWAY
0010	42+74.4	-		RT	28	DRIVEWAY
0010	44+30.0	-		LT	34	DRIVEWAY
0010	46+42.2	-		LT	32	DRIVEWAY
0010	49+05.7	-		LT	31	DRIVEWAY
0010	49+35.2	-		RT	29	DRIVEWAY
0010	57+20.0	-		RT	57	DRIVEWAY
0010	57+28.2	-		LT	36	DRIVEWAY
0010	57+77.5	-		RT	23	DRIVEWAY - ONE-WAY ENT.
0010	61+68.8	-		LT	59	DRIVEWAY 5th Avenue
0010	160+58.8	-		LT	33	DRIVEWAY
0010	189+11.1	-		RT	14	DRIVEWAY - WASHINGTON AVE.
0010	190+87.5	-		LT	16	DRIVEWAY - WASHINGTON AVE.
				TOTAL 0010	23,778	

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 REMOVING CONCRETE PAVEMENT SY	REMARKS
0020	20+42	-	26+18	LT	384	10TH AVENUE W - 9TH AVENUE W
0020	20+34	-	26+18	RT	389	10TH AVENUE W - 9TH AVENUE W
0020	27+07	-	30+60	LT	235	* 9TH AVENUE W - 8TH AVENUE W
0020	27+07	-	29+10	RT	135	* 9TH AVENUE W - 8TH AVENUE W
0020	33+69	-	35+77	LT	0	** 8TH AVENUE W - 7TH AVENUE W
0020	33+70	-	35+73	RT	0	** 8TH AVENUE W - 7TH AVENUE W
0020	36+56	-	40+38	LT	255	7TH AVENUE W - 6TH AVENUE W
0020	36+62	-	40+38	RT	251	7TH AVENUE W - 6TH AVENUE W
0020	41+27	-	45+04	LT	252	6TH AVENUE W - 5TH AVENUE W
0020	41+20	-	45+03	RT	255	6TH AVENUE W - 5TH AVENUE W
0020	45+93	-	49+71	LT	252	5TH AVENUE W - 4TH AVENUE W
0020	45+92	-	49+69	RT	251	5TH AVENUE W - 4TH AVENUE W
0020	50+60	-	54+18	LT	239	4TH AVENUE W - 3RD AVENUE W
0020	50+58	-	54+18	RT	240	4TH AVENUE W - 3RD AVENUE W
0020	55+38	-	56+57	LT	79	3RD AVENUE W - ONE WAY ROAD
0020	55+43	-	56+59	RT	77	3RD AVENUE W - ONE WAY ROAD
0020	58+00	-	59+75	LT	0	** ONE WAY ROAD - WASHINGTON AVENUE
0020	58+00	-	59+25	RT	0	** ONE WAY ROAD - WASHINGTON AVENUE
0020	61+43	-	62+54	LT	0	** WASHINGTON AVENUE - 2ND AVENUE W
0020	60+95	-	62+50	RT	103	* WASHINGTON AVENUE - 2ND AVENUE W
				TOTAL 0020	3,397	

* LIMITED LENGTH PARKING LANE (TURN LANE AT 8TH, WASHINGTON)
** NO PARKING LANE (TURN LANES AT 8TH and WASHINGTON)

REMOVING PLANTER RETAINING WALL

CATEGORY	STATION	LOCATION	204.9090.S.01 REMOVING PLANTER RETAINING WALL LF	REMARKS
0010	40+41	RT	7	6TH AVENUE SE
		TOTAL 0030	7	

STORM SEWER

CATEGORY	STATION	TO	STATION	LOCATION	204.0210 REMOVING MANHOLES EACH	204.0220 REMOVING INLETS EACH	204.0245.01 6-INCH LF	204.0245.02 8-INCH LF	204.0245.03 10-INCH LF	204.0245.04 12-INCH LF	204.0245.05 15-INCH LF	204.0245.06 18-INCH LF	204.0245.07 20-INCH LF	204.0245.08 24-INCH LF	204.0245.09 42-INCH LF	REMARKS
					REMOVING STORM SEWER											
0010	18+73	-	20+44	LT	1							171				
0010	18+73	-		LT								30				
0010	20+44	-		LT & RT	1	2				48						
0010	26+83	-	28+98	LT	1						26	215				
0010	27+07	-		LT & RT		2			10							
0010	28+99	-		LT	1	1				48						
0010	29+00	-		RT		1										
0010	32+81	-	33+05	LT		1				30						
0010	33+41	-		RT	1											
0010	33+84	-	33+94	LT & RT		2			10	48						
0010	35+72	-		LT & RT		2			20	48						
0010	35+96	-		RT	1											
0010	40+28	-	42+59	LT & RT		2			20	139		122				
0010	41+02	-		RT	1					61						
0010	42+24	-		RT	1									8		
0010	42+49	-		LT & RT		2		20								
0010	45+04	-		LT & RT		2			20	48						
0010	47+80	-	49+93	LT & RT	1	2			20	48	203					
0010	49+93	-		LT	1											
0010	54+26	-	54+63	LT & RT		2			10	73						
0010	54+63	-		LT	1								46			
0010	57+51	-		RT		1										
0010	57+75	-		LT		1			10	55						
0010	58+00	-		RT		1			10							
0010	59+67	-		LT		1			10	20						
0010	60+12	-		RT	1					42						
0010	60+50	-		RT		1			10							
0010	61+40	-		LT		1			10							
0010	119+10	-	120+14	RT	1							135				9TH AVENUE
0010	119+18	-	119+76	LT		1								67		9TH AVENUE
0010	119+76	-	120+43	LT	1	1				8				76		9TH AVENUE
0010	120+24	-	120+41	RT		1				30						9TH AVENUE
0010	129+43	-		RT	1						38					8TH AVENUE
0010	129+43	-	130+58	LT & RT		2		10		42	62		17			8TH AVENUE
0010	139+76	-	139+96	LT						41						7TH AVENUE
0010	140+24	-	140+42	LT & RT		2				71						7TH AVENUE
0010	150+24	-	150+42	LT & RT		2				71						6TH AVENUE
0010	159+40	-		LT	1										37	5TH AVENUE
0010	159+69	-		RT	1										67	5TH AVENUE
0010	160+35	-		RT	1	1				17					8	5TH AVENUE
0010	160+41	-		LT		1				30						5TH AVENUE
0010	170+15	-	170+41	LT & RT		2				94						4TH AVENUE
0010	179+66	-		LT & RT	2		10							28	77	3RD AVENUE
0010	180+24	-	180+41	LT & RT		2				71						3RD AVENUE
0010	180+43	-		RT	1											3RD AVENUE
0010	188+21	-	191+17	LT	1							296				WASHINGTON AVENUE
0010	190+72	-		LT	1											WASHINGTON AVENUE
0010	187+80	-	190+97	RT	2					42		318				WASHINGTON AVENUE
0010	191+00	-		RT		1				54						WASHINGTON AVENUE
0010	191+16	-		RT	1							21				WASHINGTON AVENUE
				TOTAL 0010	26	43	10	30	160	1,279	329	1,308	63	179	189	

REMOVING SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	204.0155 REMOVING CONCRETE SIDEWALK SY	REMARKS
0010	20+25	-	26+36	LT	279	10TH AVENUE - 9TH AVENUE
0010	20+33	-	26+36	RT	327	10TH AVENUE - 9TH AVENUE
0010	26+88	-	33+00	LT	284	9TH AVENUE - 8TH AVENUE
0010	26+88	-	33+00	RT	280	9TH AVENUE - 8TH AVENUE
0010	33+50	-	35+90	RT	160	8TH AVENUE - 7TH AVENUE
0010	33+52	-	35+91	LT	122	8TH AVENUE - 7TH AVENUE
0010	36+42	-	40+58	RT	178	7TH AVENUE - 6TH AVENUE
0010	36+43	-	40+56	LT	207	7TH AVENUE - 6TH AVENUE
0010	41+08	-	45+22	LT	215	6TH AVENUE - 5TH AVENUE
0010	41+08	-	45+23	RT	282	6TH AVENUE - 5TH AVENUE
0010	45+74	-	49+89	RT	232	5TH AVENUE - 4TH AVENUE
0010	45+75	-	49+88	LT	265	5TH AVENUE - 4TH AVENUE
0010	50+41	-	54+56	RT	372	4TH AVENUE - 3RD AVENUE
0010	50+42	-	54+55	LT	210	4TH AVENUE - 3RD AVENUE
0010	55+05	-	59+90	LT	240	3RD AVENUE - WASHINGTON AVENUE
0010	55+06	-	59+42	RT	345	3RD AVENUE - WASHINGTON AVENUE
0010	60+03	-	62+54	RT	378	WASHINGTON AVEENUE - 2ND AVENUE
0010	61+18	-	62+54	LT	106	WASHINGTON AVEENUE - 2ND AVENUE
0010	130+34	-	130+54	LT	7	8TH AVENUE
0010	160+33	-	160+49	LT	20	5TH AVENUE
0010	160+33	-	160+47	RT	15	5TH AVENUE
0010	170+32	-	170+52	LT	10	4TH AVENUE
0010	180+32	-	180+49	LT	7	3RD AVENUE
0010	180+33	-	180+50	RT	8	3RD AVENUE
0010	188+84	-	189+26	LT	24	WASHINGTON AVENUE
0010	190+08	-	190+26	LT	15	WASHINGTON AVENUE
0010	190+85	-	191+20	RT	22	WASHINGTON AVENUE
				TOTAL 0010	4,610	

REMOVING CONCRET BASES

CATEGORY	STATION	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
0030	19+63	LT	1
0030	22+35	RT	1
0030	24+34	LT	1
0030	26+09	RT	1
0030	27+18	LT	1
0030	28+90	RT	1
0030	31+00	LT	1
0030	32+72	RT	1
0030	33+67	LT	1
0030	35+62	RT	1
0030	36+69	LT	1
0030	37+77	RT	1
0030	39+05	LT	1
0030	40+28	RT	1
0030	41+36	LT	1
0030	42+58	RT	1
0030	43+91	LT	1
0030	44+90	RT	1
0030	45+94	LT	1
0030	47+30	RT	1
0030	48+33	LT	1
0030	49+59	RT	1
0030	50+67	LT	1
0030	51+87	RT	1
0030	53+18	LT	1
0030	54+27	RT	1
0030	55+46	LT	1
0030	56+90	RT	1
0030	58+12	LT	1
0030	59+64	LT	1
0030	60+22	RT	1
0030	61+43	LT	1
0030	62+47	RT	1
		TOTAL 0030	33

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EARTHWORK SUMMARY

DIVISION	STATION	LOCATION	(1) 205.0100 EXCAVATION COMMON CY	(2)(3) SALVAGED/ UNUSABLE MATERIAL CY	(4) AVAILABLE MATERIAL CY	UNEXPANDED FILL CY	(5) EXPANDED FILL CY	(6) MASS ORDINATE CY	WASTE CY	COMMENTS
DIVISION 1										
	329+78.14 - 342+72	STH 13	6323	1234	5089	0	0	5089	1234	
	16+05.00 - 19+60.00	STH 13	1705	300	1405	2	3	1402	300	
	19+60.00 - 39+96.00	STH 13	13902	3443	10459	152	198	10261	3443	
	39+96.00 - 62+54.47	STH 13	15467	3594	11873	113	147	11726	3594	
SIDE ROADS	99+36.38 99+82.00	11TH AVE. S.	334	17	317	0	0	317	17	
	100+18.00 - 100+77.47	11TH AVE. N.	338	23	315	3	4	311	23	
	109+00.00 - 109+78.00	10TH AVE. S.	124	0	124	6	7	117	0	
	110+22.00 - 110+75.00	10TH AVE N.	214	55	159	0	0	159	55	
	119+00.00 119+78.00	9TH AVE S.	207	69	138	6	7	131	69	
	120+22.00 - 121+00.00	9TH AVE N.	282	69	213	0	0	213	69	
	129+25.00 - 129+78.00	8TH AVE S.	223	55	168	1	1	167	55	
	130+22.00 - 131+00.00	8TH AVE N.	346	71	275	0	0	275	71	
	139+00.00 - 139+78.00	7TH AVE S	223	69	154	6	7	147	69	
	140+22.00 - 141+00.00	7TH AVE N.	268	67	201	0	0	201	67	
	149+37.60 - 149+78.00	6TH AVE S.	190	52	138	0	0	138	52	
	150+22.00 - 150+62.23	6TH AVE N.	189	57	132	0	0	132	57	
	159+30.00 - 159+78.00	5TH AVE S	220	56	164	1	1	163	56	
	160+22.00 - 161+00.00	5TH AVE N.	340	83	257	0	0	257	83	
	169+10.00 - 169+82.00	4TH AVE S.	206	64	142	0	0	142	64	
	170+22.00 - 171+00.00	4TH AVE N.	283	70	213	0	0	213	70	
	179+00.00 - 179+84.00	3RD AVE S	234	67	167	17	22	145	67	
	180+16.00 - 180+43.07	3RD AVE N.	237	55	182	1	1	181	55	
	188+80.00 - 189+74.68	WASHINGTON AVE S.	544	108	436	16	21	415	108	
	190+25.45 - 191+30.00	WASHINGTON AVE N.	821	170	651	5	6	645	170	
PROJECT 8160-00-75 SUBTOTAL			43220	9848	33372	329	425	32947	9848	
DIVISION 1 TOTAL			43220	9848	33372	329	425	32947	9848	

(1) EXCAVATION COMMON IS THE TOTAL VOLUME OF CUT. ITEM NUMBER 205.0100, 2832 CY OF EXCAVATION IS IN CAT 0020 (PARKING LANES LOCATION)

(2) SALVAGED/ UNUSABLE PAVEMENT MATERIAL ARE INCLUDED IN THE QUANTITY OF EXCAVATION COMMON.

(3) SALVAGED/ UNUSABLE PAVEMENT MATERIAL INCLUDES PAVEMENT WITH ASPHALT OVERLAY, ASPHALT, CURB AND GUTTER AND SIDEWALKS.
ASPHALT DRIVEWAYS AND PARKING LOTS WERE ESTIMATED AT 3" DEPTH AND SIDEROADS AT 4" DEPTH.

(4) AVAILABLE MATERIAL – EXCAVATION COMMON - UNUSABLE PAVEMENT MATERIAL.

(5) EXPANDED FILL FACTOR = 1.30

(6) THE MASS ORDINATE + OR - QTY FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL AND A MINUS QUANTITY INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

THE MASS ORDINATE IS = EXCAVATION COMMON - SALVAGED/UNUSABLE PAVEMENT MATERIAL - EXPANDED FILL.

UNLESS OTHERWISE NOTED, ALL ITEMS ARE CATEGORY 0010

3

BASE AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	209.1100 BACKFILL GRANULAR GRADE 1 CY	* 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	650.4500 CONSTRUCTION STAKING SUBGRADE LF	* 650.5000 CONSTRUCTION STAKING BASE LF	REMARKS
0010	329+28	-	340+05	LT & RT	3,197	457	1,907	1,077		
0010	340+05	-	19+97	LT & RT	2,028	318	1,198	660		
0010	19+97	-	26+62	LT & RT	2,096	154	1,047	665		
0010	26+62	-	33+24	LT & RT	2,355	155	1,177	662		
0010	33+24	-	36+17	LT & RT	1,145	105	573	293		
0010	36+17	-	40+82	LT & RT	1,491	145	746	465		
0010	40+82	-	45+47	LT & RT	1,490	154	744	465		
0010	45+47	-	50+13	LT & RT	1,491	159	746	466		
0010	50+13	-	54+80	LT & RT	1,495	188	747	467		
0010	54+80	-	60+07	LT & RT	1,860	193	912	527		
0010	60+07	-	62+54	LT & RT	891	101	457	247		
0010	99+36	-	99+77	LT & RT	154	15	67	64	14	11TH AVENUE
0010	100+23	-	100+72	LT & RT	183	23	94	72	22	11TH AVENUE
0010	109+00	-	109+78	LT & RT	64	9	80	100	51	10TH AVENUE
0010	110+22	-	110+75	LT & RT	91	5	93	75	25	10TH AVENUE
0010	119+00	-	119+78	LT & RT	90		144	100	51	9TH AVENUE
0010	120+22	-	121+00	LT & RT	90		144	100	51	9TH AVENUE
0010	129+25	-	129+78	LT & RT	89	5	119	75	26	8TH AVENUE
0010	130+22	-	131+00	LT & RT	90	9	200	100	51	8TH AVENUE
0010	139+00	-	139+78	LT & RT	90		144	100	51	7TH AVENUE
0010	140+22	-	141+00	LT & RT	67	10	139	100	56	7TH AVENUE
0010	149+37	-	149+78	LT & RT	86	1	68	62	13	6TH AVENUE
0010	150+22	-	150+62	LT & RT	89	2	72	62	13	6TH AVENUE
0010	159+30	-	159+78	LT & RT	90		88	70	21	5TH AVENUE
0010	160+22	-	161+00	LT & RT	90		144	100	51	5TH AVENUE
0010	169+10	-	169+78	LT & RT	90	7	123	90	41	4TH AVENUE
0010	170+22	-	171+00	LT & RT	90	9	145	100	51	4TH AVENUE
0010	179+00	-	179+78	LT & RT	59		141	100	57	3RD AVENUE
0010	180+22	-	180+70	LT & RT	58		83	70	27	3RD AVENUE
0010	188+80	-	189+69	LT & RT	175		248	126	44	WASHINGTON AVENUE
0010	190+31	-	191+20	LT & RT	288		247	114	26	WASHINGTON AVENUE
0010	21+75	-		RT			18			DRIVEWAY
0010	24+07	-		LT			26			DRIVEWAY
0010	25+18	-		RT			6			DRIVEWAY
0010	25+35	-		LT			24			DRIVEWAY
0010	30+34	-		RT			7			DRIVEWAY
0010	31+50	-		RT			21			DRIVEWAY
0010	31+67	-		LT			15			DRIVEWAY
0010	37+02	-		RT			20			DRIVEWAY
0010	38+83	-		LT			19			DRIVEWAY
0010	38+97	-		RT			24			DRIVEWAY
0010	39+96	-		LT			30			DRIVEWAY
0010	41+97	-		LT			25			DRIVEWAY
0010	42+74	-		RT			29			DRIVEWAY
0010	44+30	-		LT			29			DRIVEWAY
0010	46+42	-		LT			66			DRIVEWAY
0010	49+06	-		LT			23			DRIVEWAY
0010	49+35	-		RT			13			DRIVEWAY
0010	57+20	-		RT			46			DRIVEWAY
				SUBTOTAL 0010	21,662	2,224	13,277	7,774	742	

* QUANTITY ALSO SHOWN ELSEWHERE

CONT. BASE AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	209.1100 BACKFILL GRANULAR GRADE 1 CY	* 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	650.4500 CONSTRUCTION STAKING SUBGRADE LF	* 650.5000 CONSTRUCTION STAKING BASE LF	REMARKS
0010	57+30	-		LT			22			DRIVEWAY
0010	57+77			RT			6			DRIVEWAY
0010	61+68	-		LT			38			DRIVEWAY
0010	120+90	-		LT			12			DRIVEWAY
0010	130+81	-		RT			10			DRIVEWAY
0010	139+35	-		LT			10			DRIVEWAY
0010	159+35	-		RT			2			DRIVEWAY
0010	160+61	-		RT			12			DRIVEWAY
0010	160+72	-		LT			12			DRIVEWAY
0010	185+48	-		RT			12			DRIVEWAY
0010	189+11	-		RT			7			DRIVEWAY
0010	190+87	-		LT			9			DRIVEWAY
0010	191+28	-		RT			3			DRIVEWAY
0010	TEMP DWY CONNECTIONS			LT/RT			154			
				SUBTOTAL 0010	0	0	310	0	0	
				TOTAL	21662	2224	13587	7774	742	

* QUANTITY ALSO SHOWN ELSEWHERE

CONT BASE AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	209.1100 BACKFILL GRANULAR GRADE 1 CY	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4- INCH TON	REMARKS
0020	20+42	-	26+18	LT	256		128	10TH AVENUE W - 9TH AVENUE W
0020	20+34	-	26+18	RT	259		130	10TH AVENUE W - 9TH AVENUE W
0020	27+07		30+60	LT	157		78	* 9TH AVENUE W - 8TH AVENUE W
0020	27+07	-	29+10	RT	90		46	* 9TH AVENUE W - 8TH AVENUE W
0020	33+69	-	35+77	LT	0		0	** 8TH AVENUE W - 7TH AVENUE W
0020	33+70	-	35+73	RT	0		0	** 8TH AVENUE W - 7TH AVENUE W
0020	36+56	-	40+38	LT	170		84	7TH AVENUE W - 6TH AVENUE W
0020	36+62	-	40+38	RT	167		84	7TH AVENUE W - 6TH AVENUE W
0020	41+27	-	45+04	LT	168		84	6TH AVENUE W - 5TH AVENUE W
0020	41+20	-	45+03	RT	170		86	6TH AVENUE W - 5TH AVENUE W
0020	45+93	-	49+71	LT	168		84	5TH AVENUE W - 4TH AVENUE W
0020	45+92	-	49+69	RT	168		84	5TH AVENUE W - 4TH AVENUE W
0020	50+60	-	54+18	LT	159		80	4TH AVENUE W - 3RD AVENUE W
0020	50+58		54+18	RT	160		80	4TH AVENUE W - 3RD AVENUE W
0020	55+38	-	56+57	LT	53		26	3RD AVENUE W - WASHINGTON AVENUE
0020	55+43	-	56+59	RT	51		26	3RD AVENUE W - WASHINGTON AVENUE
0020	61+43	-	62+54	LT	0		0	** WASHINGTON AVENUE - 2ND AVENUE W
0020	60+95	-	62+50	RT	69		34	* WASHINGTON AVENUE - 2ND AVENUE W
				TOTAL 0020	2,265		1,134	

* LIMITED LENGTH PARKING LANE (TURN LANE AT 8TH, WASHINGTON)
** NO PARKING LANE (TURN LANES AT 8TH and WASHINGTON)

FOUNDATION

CATEGORY	STATION	TO	STATION	211.0101.01 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) 01. 8160-00-75 EACH	211.0201.01 PREPARE FOUNDATION FOR CONCRETE PAVEMENT (PROJECT) 01. 8160-00-75 EACH
0010	329+28	-	62+54	1	1
			TOTAL 0010	1	1

FINISHING ROADWAY

CATEGORY	STATION	TO	STATION	213.0100.01 FINISHING ROADWAY (PROJECT) 01. 8160-00-75 EACH
0010	329+28	-	62+54	1
			TOTAL 0010	1

CONCRETE

CATEGORY	STATION	TO	STATION	LOCATION	415.0080 CONCRETE PAVEMENT 8-INCH SY	415.4100 CONCRETE PAVEMENT JOINT FILLING SY	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	SPV.0090.03 CONCRETE SILANE SEALER FOR PCC SAW CUTS LF	REMARKS
0010	329+28	-	340+05	LT & RT	4,139		1,077	5672	HIGHER SPEED ZONE
0010	340+05	-	19+97	LT & RT	2,652	2,652	660		
0010	19+97	-	26+62	LT & RT	2,478	2,478	665		
0010	26+62	-	33+24	LT & RT	2,870	2,870	662		
0010	33+24	-	36+17	LT & RT	1,426	1,426	293		
0010	36+17	-	40+82	LT & RT	1,771	1,771	465		
0010	40+82	-	45+47	LT & RT	1,769	1,769	465		
0010	45+47	-	50+13	LT & RT	1,777	1,777	466		
0010	50+13	-	54+80	LT & RT	1,773	1,773	467		
0010	54+80	-	60+07	LT & RT	2,254	2,254	527		
0010	60+07	-	62+54	LT & RT	1,173	1,173	247		
0010	99+50	-	99+77	LT & RT	122	122	41		11TH AVENUE
0010	100+23	-	100+50	LT & RT	133	133	49		11TH AVENUE
0010	109+51	-	109+78	LT & RT	95	95	27		10TH AVENUE
0010	110+22	-	110+49	LT & RT	143	143	27		10TH AVENUE
0010	119+51	-	119+78	LT & RT	140	140	27		9TH AVENUE
0010	120+22	-	120+49	LT & RT	140	140	27		9TH AVENUE
0010	129+51	-	129+78	LT & RT	140	140	27		8TH AVENUE
0010	130+22	-	130+49	LT & RT	140	140	27		8TH AVENUE
0010	139+51	-	139+78	LT & RT	140	140	27		7TH AVENUE
0010	140+22	-	140+43	LT & RT	109	109	21		7TH AVENUE
0010	149+51	-	149+78	LT & RT	132	132	27		6TH AVENUE
0010	150+22	-	150+49	LT & RT	140	140	27		6TH AVENUE
0010	159+51	-	159+78	LT & RT	140	140	27		5TH AVENUE
0010	160+22	-	160+49	LT & RT	140	140	27		5TH AVENUE
0010	169+51	-	169+78	LT & RT	140	140	27		4TH AVENUE
0010	170+22	-	170+49	LT & RT	140	140	27		4TH AVENUE
0010	179+57	-	179+78	LT & RT	96	96	21		3RD AVENUE
0010	180+22	-	180+43	LT & RT	93	93	21		3RD AVENUE
0010	188+83	-	189+75	LT & RT	256	256	92		WASHINGTON AVENUE
0010	190+25	-	190+94	LT & RT	419	419	69		WASHINGTON AVENUE
				TOTAL 0010	27,080	22,941	6,659	5,672	

CONCRETE

CATEGORY	STATION	TO	STATION	LOCATION	415.0080 CONCRETE PAVEMENT 8-INCH SY	415.4100 CONCRETE PAVEMENT JOINT FILLING SY	REMARKS
0020	20+42	-	26+18	LT	384	384	10TH AVENUE W - 9TH AVENUE W
0020	20+34	-	26+18	RT	389	389	10TH AVENUE W - 9TH AVENUE W
0020	27+07	-	30+60	LT	235	235	* 9TH AVENUE W - 8TH AVENUE W
0020	27+07	-	29+10	RT	135	135	* 9TH AVENUE W - 8TH AVENUE W
0020	33+69	-	35+77	LT	0	0	** 8TH AVENUE W - 7TH AVENUE W
0020	33+70	-	35+73	RT	0	0	** 8TH AVENUE W - 7TH AVENUE W
0020	36+56	-	40+38	LT	255	255	7TH AVENUE W - 6TH AVENUE W
0020	36+62	-	40+38	RT	251	251	7TH AVENUE W - 6TH AVENUE W
0020	41+27	-	45+04	LT	252	252	6TH AVENUE W - 5TH AVENUE W
0020	41+20	-	45+03	RT	255	255	6TH AVENUE W - 5TH AVENUE W
0020	45+93	-	49+71	LT	252	252	5TH AVENUE W - 4TH AVENUE W
0020	45+92	-	49+69	RT	251	251	5TH AVENUE W - 4TH AVENUE W
0020	50+60	-	54+18	LT	239	239	4TH AVENUE W - 3RD AVENUE W
0020	50+58	-	54+18	RT	240	240	4TH AVENUE W - 3RD AVENUE W
0020	55+38	-	56+57	LT	79	79	3RD AVENUE W - WASHINGTON AVENUE
0020	55+43	-	56+59	RT	77	77	3RD AVENUE W - WASHINGTON AVENUE
0020	61+43	-	62+54	LT	0	0	** WASHINGTON AVENUE - 2ND AVENUE W
0020	60+95	-	62+50	RT	103	103	* WASHINGTON AVENUE - 2ND AVENUE W
				TOTAL 0020	3,397	3,397	

* LIMITED LENGTH PARKING LANE (TURN LANE AT 8TH, WASHINGTON)
** NO PARKING LANE (TURN LANES AT 8TH and WASHINGTON)

DRIVEWAY

CATEGORY	STATION	LOCATION	416.0160 CONCRETE DRIVEWAY 6-INCH SY
0010	21+75	RT	25
0010	24+07	LT	79
0010	25+18	RT	17
0010	25+35	LT	29
0010	30+34	RT	22
0010	31+50	RT	27
0010	31+67	LT	44
0010	37+02	RT	36
0010	38+83	LT	25
0010	38+97	RT	36
0010	39+96	LT	39
0010	41+97	LT	34
0010	42+74	RT	36
0010	44+30	LT	36
0010	46+42	LT	36
0010	49+06	LT	39
0010	49+35	RT	25
0010	57+20	RT	41
0010	57+30	LT	41
0010	57+77	RT	16
0010	120+90	LT	19
0010	139+35	LT	14
0010	159+35	RT	7
0010	160+61	RT	7
0010	160+61	RT	41
0010	160+72	LT	36
0010	185+48	RT	19
0010	189+11	RT	16
0010	190+87	LT	21
0010	191+28	RT	7
		TOTAL 0010	870

PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	455.0605 * TACK COAT GAL	460.6224 * HMA PAVEMENT 4 MT 58-28 S TON	460.6244 * HMA PAVEMENT 4 MT 58-34 S TON	465.0105 ASPHALTIC SURFACE TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	REMARKS
0010	329+28	-	332+33	LT & RT	8	15	15			
0010	99+36	-	99+50	LT & RT	2	4	4			11TH AVENUE
0010	100+50	-	100+72	LT & RT	4	7	7			11TH AVENUE
0010	109+00	-	109+51	LT & RT	5	10	10			10TH AVENUE
0010	110+50	-	110+75	LT & RT	6	11	11			10TH AVENUE
0010	119+00	-	119+51	LT & RT	10	20	20			9TH AVENUE
0010	120+49	-	121+00	LT & RT	10	19	19			9TH AVENUE
0010	129+25	-	129+51	LT & RT	6	16	12			8TH AVENUE
0010	130+49	-	131+00	LT & RT	13	34	24			8TH AVENUE
0010	139+00	-	139+51	LT & RT	11	20	20			7TH AVENUE
0010	140+44	-	141+00	LT & RT	13	25	25			7TH AVENUE
0010	149+38	-	149+51	LT & RT	3	6	6			6TH AVENUE
0010	150+49	-	150+62	LT & RT	3	7	7			6TH AVENUE
0010	159+30	-	159+51	LT & RT	5	9	9		7	5TH AVENUE
0010	160+49	-	161+00	LT & RT	11	20	20			5TH AVENUE
0010	169+10	-	169+51	LT & RT	10	18	18			4TH AVENUE
0010	170+49	-	171+00	LT & RT	13	24	24			4TH AVENUE
0010	179+00	-	179+57	LT & RT	12	23	23			3RD AVENUE
0010	180+43	-	180+70	LT & RT	6	11	11			3RD AVENUE
0010	188+80	-	189+24	LT & RT	12	44	22			WASHINGTON AVENUE
0010	190+94	-	191+20	LT & RT	10	36	18			WASHINGTON AVENUE
0010	21+75	-		RT					4	DRIVEWAY
0010	25+35	-		LT					5	DRIVEWAY
0010	31+50	-		RT					4	DRIVEWAY
0010	37+02	-		RT					4	DRIVEWAY
0010	38+83	-		LT					5	DRIVEWAY
0010	38+97	-		RT					5	DRIVEWAY
0010	39+96	-		LT					6	DRIVEWAY
0010	41+97	-		LT					4	DRIVEWAY
0010	42+74	-		RT					6	DRIVEWAY
0010	44+30	-		LT					4	DRIVEWAY
0010	46+42	-		LT					22	DRIVEWAY
0010	49+06	-		LT					5	DRIVEWAY
0010	49+35	-		RT					4	DRIVEWAY
0010	57+20	-		RT					5	DRIVEWAY
0010	57+30	-		LT					5	DRIVEWAY
0010	130+81	-		RT					6	DRIVEWAY
0010	20+00	-	200+00	LT/RT				50		
				TOTAL 0010	172	376	321	50	101	

* QUANTITIES ALSO SHOWN ELSEWHERE

520.8000

520.8000

CONCRETE COLLARS FOR PIPE

CATEGORY	STATION	LOCATION	EACH	REMARKS
0010	26+49.90	52.10' LT	1	P-7AA
0010	42+23.48	27.10' LT	1	P-17
0010	60+65.80	101.7' LT	1	P-38A
		TOTAL 0010	3	

3

CULVERT PIPE

CATEGORY	STATION	LOCATION	522.0418 CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	522.0448 * CULVERT PIPE REINFORCED CONCRETE CLASS IV 48-INCH LF	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	522.1048 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 48-INCH EACH	522.2419 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	522.2619 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 19X30-INCH EACH	633.5200 MARKERS CULVERT END EACH	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH
0010	336+69	CL					62	2	2	1
0010	340+35	RT	64		2					1
0010	340+49	LT	62		2					1
0010	18+68	CL		136		2			2	1
		TOTAL 0010	126	136	4	2	62	2	4	4

MANHOLE ADJUSTMENT

CATEGORY	STATION	TO	STATION	LOCATION	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8120.S COVER PLATES TEMPORARY EACH	REMARKS
0010	129+25	-	129+50	RT	1	1	8TH AVENUE W
0010	159+25	-	159+50	LT	1	1	5TH AVENUE W
0010	191+00	-	191+25	LT	1	1	WASHINGTON AVENUE
				TOTAL 0010	3	3	

3

STORM SEWER STRUCTURES

CAT	STRUCT	STATION	OFFSET*	520.1024 APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	522.1030 REINFORCED CONCRETE 30-INCH EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	SPV.0060.01 RESIDENTIAL MANHOLES 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	611.3004 INLETS 4-FT DIAMETER EACH	SPV.0060.02 INLETS 5-FT DIAMETER EACH	SPV.0060.03 INLETS 6-FT DIAMETER EACH	SPV.0060.04 INLETS 8-FT DIAMETER EACH	611.3230 2X3-FT EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	** RIM ELEVATION	*** INVERT ELEVATION	**** DEPTH FT
0010	1	18+67.47	90.19' RT	1																1		638.50	
0010	2	18+75.71	34.99' RT			1				1										1	660.07	644.00	15.08
0010	3	20+45.09	23.50' RT				1								1					1	667.24	660.00	6.49
0010	3A	20+44.09	23.50' LT				1								1					1	667.99	662.99	4.19
0010	3B	20+16.84	43.55' LT					1											1	1	667.82	663.41	3.57
0010	3C	20+64.09	23.50' LT				1												1	1	668.19	663.78	3.58
0010	4	21+94.09	23.50' RT				1								1					1	668.40	662.89	4.76
0010	4A	21+94.09	23.36' LT				1												1	1	669.17	664.58	3.75
0010	4B	22+34.09	23.36' LT				1												1	1	669.44	665.04	3.56
0010	5	23+44.09	23.50' RT				1								1					1	669.42	663.91	4.76
0010	5A	23+44.09	23.50' LT				1												1	1	670.18	665.60	3.75
0010	6	25+02.09	23.50' RT				1								1					1	670.50	665.73	3.96
0010	6A	25+02.09	23.50' LT				1												1	1	671.26	666.86	3.57
0010	7	26+48.24	23.50' RT			1						1								1	671.70	665.38	5.39
0010	7A	26+49.83	44.07' LT			1					1									1	672.83	668.13	3.77
0010	7B	26+42.98	44.09' LT				1												1	1	672.61	668.21	3.57
0010	7C	26+81.95	43.95' LT					1											1	1	672.82	668.42	3.56
0010	7D	26+46.86	82.01' RT				1									1				1	669.13	662.99	5.43
0010	7E	26+78.57	82.02' RT				1												1	1	669.12	664.72	3.57
0010	8	27+12.30	23.50' RT				1								1					1	672.26	666.73	4.78
0010	8A	27+10.80	23.50' LT				1												1	1	673.00	668.60	3.57
0010	8B	27+50.80	23.50' LT				1												1	1	673.39	668.99	3.57
0010	9	29+00.00	23.50' RT					1							1					1	673.10	667.59	4.76
0010	9A	29+00.00	23.50' LT					1											1	1	673.86	669.36	3.67
0010	9B	28+90.00	23.50' LT				1												1	1	673.87	669.46	3.58

STORM SEWER STRUCTURES (CONT'D)

CAT	STRUCT	STATION	OFFSET*	520.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	522.1030 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	SPV.0060.01 RESIDENTIAL MANHOLES 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	611.3004 INLETS 4-FT DIAMETER EACH	SPV.0060.02 INLETS 5-FT DIAMETER EACH	SPV.0060.03 INLETS 6-FT DIAMETER EACH	SPV.0060.04 INLETS 8-FT DIAMETER EACH	611.3230 2X3-FT EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	** RIM ELEVATION	*** INVERT ELEVATION	**** DEPTH FT
0010	9C	29+31.42	23.50' LT				1													1	1	673.94	669.54	3.57
0010	9D	29+38.05	34.96' LT						1												1	674.98	671.50	2.25
0010	10	30+75.00	23.50' RT				1								1						1	673.75	669.04	3.90
0010	10A	30+75.00	23.50' LT				1													1	1	674.51	670.00	3.68
0010	10B	31+15.00	23.50' LT				1													1	1	674.67	670.27	3.57
0010	11	33+40.81	23.50' RT			1						1									1	673.61	668.50	4.18
0010	11A	32+78.42	23.50' RT					1												1	1	674.17	669.76	3.58
0010	11C	33+40.94	57.37' RT			1						1									1	672.65	667.90	3.83
0010	12	33+44.20	44.11' LT				1											1			1	674.60	669.50	4.41
0010	12A	33+05.16	43.97' LT					1												1	1	674.86	670.70	3.33
0010	12B	32+79.16	23.50' LT					1												1	1	674.92	670.91	3.18
0010	13	33+85.71	23.50' RT					1							1						1	673.27	669.26	3.20
0010	13A	33+85.71	23.50' LT					1												1	1	674.03	670.40	2.80
0010	13B	33+95.71	23.50' LT				1													1	1	674.05	670.54	2.68
0010	14	35+95.80	23.51' RT			1				1											1	673.21	669.26	2.90
0010	14A	35+70.35	23.50' RT					1							1						1	673.30	669.75	2.74
0010	14B	35+69.75	23.50' LT					1							1						1	674.07	670.30	2.96
0010	14C	35+60.25	23.48' LT				1													1	1	674.12	670.60	2.69
0010	14E	35+97.21	40.03' LT				1													1	1	674.19	670.40	2.98
0010	14F	36+36.00	39.97' LT				1													1	1	673.87	670.94	2.10
0010	15	38+50.01	23.50' RT				1								1						1	671.35	666.65	3.89
0010	15A	38+49.99	23.50' LT				1													1	1	672.11	667.50	3.78
0010	15B	38+09.99	23.49' LT				1													1	1	672.61	668.21	3.56
0010	16	40+33.42	23.50' RT				1								1						1	670.17	664.00	5.42
0010	16A	40+34.50	23.50' LT				1													1	1	670.92	665.60	4.49
0010	16B	39+70.50	23.48' LT				1													1	1	671.18	666.78	3.57
0010	16D	40+63.08	44.03' LT					1												1	1	670.64	665.90	3.90
0010	16E	41+02.06	44.02' LT				1													1	1	670.51	666.11	3.57
0010	17	42+23.68	19.11' RT			1				1											1	669.51	662.07	6.45
0010	17A	42+49.99	23.50' LT					1												1	1	669.83	665.32	3.68
0010	17B	42+39.99	23.50' LT				1													1	1	669.84	665.41	3.60
0010	17C	42+29.99	23.50' LT				1													1	1	669.86	665.46	3.56
0010	17D	42+50.01	23.50' RT					1												1	1	669.31	664.91	3.57
0010	18	45+35.18	59.59' RT			1						1									1	667.80	658.95	7.98
0010	19	45+55.12	23.50' RT			1						1									1	668.33	660.48	6.99
0010	19A	45+01.73	23.50' RT				1													1	1	668.50	664.10	3.57
0010	20	45+55.12	43.37' LT			1						1									1	669.48	662.95	5.67
0010	20A	45+29.44	44.08' LT					1												1	1	669.27	664.54	3.90
0010	20B	45+02.83	23.50' LT					1												1	1	669.26	664.84	3.58
0010	20C	44+77.83	23.50' LT				1													1	1	669.38	664.98	3.56
0010	20D	45+68.55	41.20' LT				1													1	1	669.13	664.75	3.54
0010	21	47+96.61	23.50' RT					1							1						1	666.75	662.30	3.70
0010	21A	47+96.59	23.50' LT					1												1	1	667.51	663.20	3.50
0010	21B	47+76.59	23.49' LT				1													1	1	667.56	663.58	3.15
0010	21C	47+56.59	23.49' LT				1													1	1	667.68	663.77	3.08
0010	22	49+67.79	23.50' RT				1								1						1	666.49	661.62	4.12
0010	23	49+93.33	25.60' RT			1						1									1	666.41	661.00	4.46
0010	24	49+95.79	44.11' LT					1										1			1	667.17	662.32	4.10
0010	24A	49+69.26	23.50' LT					1												1	1	667.24	663.25	3.18
0010	24B	49+53.36	23.50' LT				1													1	1	667.31	663.60	2.87

STORM SEWER STRUCTURES (CONT'D)

CAT	STRUCT	STATION	OFFSET*	520.1024 APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	522.1030 REINFORCED CONCRETE 30-INCH EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	SPV.0060.01 RESIDENTIAL MANHOLES EACH	611.2004 MANHOLES 4-FT EACH	611.2005 MANHOLES 5-FT EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT EACH	611.2008 MANHOLES 8-FT EACH	611.3004 INLETS 4-FT EACH	SPV.0060.02 INLETS 5-FT EACH	SPV.0060.03 INLETS 6-FT DIAMETER EACH	SPV.0060.04 INLETS 8-FT EACH	611.3230 2X3-FT EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	** RIM ELEVATION	*** INVERT ELEVATION	**** DEPTH FT
0010	24D	50+34.77	43.94' LT				1												1	1	667.17	662.77	3.57
0010	25	49+93.41	90.33' RT		1															1		660.70	
0010	26	52+50.00	23.50' RT				1								1					1	664.65	659.99	3.85
0010	26A	52+50.00	23.50' LT				1												1	1	665.29	660.88	3.58
0010	26B	52+10.00	23.50' LT				1												1	1	665.46	661.06	3.57
0010	27	54+16.72	23.50' RT					1							1					1	664.00	658.48	4.77
0010	27A	54+16.72	23.50' LT					1											1	1	664.64	660.18	3.62
0010	27B	53+91.72	23.50' LT				1												1	1	664.72	660.32	3.57
0010	28	54+90.14	37.08' RT			1							1							1	663.84	654.28	8.70
0010	29	54+86.43	44.98' LT			1						1								1	664.95	657.55	6.53
0010	29A	54+61.24	38.06' LT					1											1	1	664.56	660.56	3.16
0010	29B	54+99.29	45.00' LT				1												1	1	664.64	660.24	3.57
0010	30	56+56.93	25.76' RT				1												1	1	662.02	657.75	3.45
0010	30A	56+54.97	23.50' LT				1												1	1	662.22	658.30	3.09
0010	30B	56+28.14	23.50' LT				1												1	1	662.79	658.50	3.46
0010	31	57+70.40	25.60' RT					1							1					1	660.82	656.43	3.60
0010	31A	57+62.79	25.20' RT				1								1					1	660.84	656.82	3.24
0010	32	57+93.00	26.49' RT				1								1					1	660.86	655.80	4.25
0010	32A	57+87.88	17.50' LT				1												1	1	661.03	656.50	3.74
0010	32B	57+69.79	17.50' LT					1											1	1	660.98	656.85	3.32
0010	35	59+41.73	55.18' RT			1								1						1	663.21	654.42	8.05
0010	35A	59+43.50	65.03' RT				1								1					1	662.42	657.71	3.90
0010	35B	59+14.46	27.50' RT				1								1					1	662.66	655.60	6.31
0010	36	59+84.01	7.60' LT			1								1						1	664.20	655.40	8.06
0010	36A	59+79.23	17.50' LT				1												1	1	663.87	658.67	4.36
0010	36B	59+39.23	17.50' LT				1												1	1	663.28	658.87	3.58
0010	37	60+10.83	48.31' LT				1								1			1		1	664.55	655.78	8.27
0010	37A	60+18.25	66.66' LT				1												1	1	665.34	660.90	3.60
0010	38	60+58.46	95.80' LT			1								1						1	667.63	658.77	8.12
0010	40	59+85.33	74.59' RT				1												1	1	662.94	658.22	3.91
0010	40A	60+08.78	30.49' RT				1								1					1	663.97	659.51	3.62
0010	40B	60+46.10	27.29' RT				1												1	1	664.49	659.90	3.76
0010	40C	60+63.49	32.63' RT				1												1	1	664.48	660.08	3.57
0010	41A	61+05.00	49.99' LT				1								1					1	666.10	659.50	5.85
0010	41B	61+18.72	18.44' LT					1							1					1	665.21	660.54	3.86
0010	41C	61+44.66	23.50' LT				1												1	1	665.42	660.71	3.90
0010	41D	61+95.79	23.50' LT				1												1	1	666.02	661.61	3.58
0010	42	61+27.91	67.15' LT				1										1			1	666.56	660.50	5.31
				1	1	16	68	26	1	2	2	8	1	3	26	1	3	1	64	113			

REMARKS:

*STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

**RIM ELEV IS AT THE INLET COVER FLANGE LOCATION

***FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE

****DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT - 6-INCH ADJUSTMENT RING HEIGHT

3

CONCRETE CURB AND GUTTER

CATEGORY	STATION	TO	STATION	LOCATION	* 204.0150 REMOVING CURB & GUTTER LF	601.0110 CONCRETE CURB TYPE D LF	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A 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	SPV.0090.04 CURE & SEAL TREATMENT CONCRETE CURB & GUTTER LF	REMARKS
0010	19+53	-	19+80	LT			40				40	10TH AVE W - WEST
0010	19+61	-	19+88	RT			39				39	10TH AVE W - WEST
0010	20+15	-	26+47	LT			655				655	10TH AVE W - 9TH AVE W
0010	20+07	-	26+49	RT			662				662	10TH AVE W - 9TH AVE W
0010	26+78	-	33+07	LT	105		652				652	9TH AVE W - 8TH AVE W
0010	26+78	-	33+08	RT	105		653				653	9TH AVE W - 8TH AVE W
0010	33+42	-	35+99	LT			279				279	8TH AVE W - 7TH AVE W
0010	33+43	-	36+01	RT			281				281	8TH AVE W - 7TH AVE W
0010	36+34	-	40+65	LT		5	453				453	7TH AVE W - 6TH AVE W
0010	36+32	-	40+67	RT	105		455				455	7TH AVE W - 6TH AVE W
0010	41+00	-	45+32	LT			456		34	34	490	6TH AVE W - 5TH AVE W
0010	41+00	-	45+32	RT	15		458		10	10	468	6TH AVE W - 5TH AVE W
0010	45+65	-	49+98	LT	105		453				453	5TH AVE W - 4TH AVE W
0010	45+64	-	49+96	RT	45		456				456	5TH AVE W - 4TH AVE W
0010	50+33	-	54+63	LT			456				456	4TH AVE W - W OF 3RD AVE W
0010	50+31	-	54+63	RT			458				458	4TH AVE W - W OF 3RD AVE W
0010	54+98	-	60+01	LT	45		512				512	3RD AVE W - WASHINGTON AVE
0010	54+98	-	59+44	RT	105		497				497	3RD AVE W - WASHINGTON AVE
0010	54+98	-	60+23	LT	35		182				182	WASHINGTON AVE - END
0010	54+98	-	60+00	RT	95		238				238	WASHINGTON AVE - END
0010	119+00	-	119+51	LT & RT				102		102	102	9TH AVE
0010	120+49	-	121+00	LT & RT				102		102	102	9TH AVE
0010	139+00	-	139+51	LT & RT				102		102	102	7TH AVE
0010	149+37	-	149+51	LT				14		14	14	6TH AVE
0010	159+30	-	159+51	LT & RT				42		42	42	5TH AVE
0010	160+49	-	161+00	LT & RT				102	10	112	112	5TH AVE
0010	179+00	-	179+56	LT & RT				114		114	114	3RD AVE
0010	180+43	-	180+70	LT & RT				54		54	54	3RD AVE
0010	57+20	-		RT				13		13	13	DRIVEWAY
0010	188+80	-	189+70	LT & RT			48	89		89	137	WASHINGTON AVE
0010	190+27	-	191+20	LT & RT			70	64		64	134	WASHINGTON AVE
0010		-		UNDISTR			8		58	66	66	
				TOTAL 0010	760	5	8,461	798	112	918	9,371	

*PER STANDARD SPECIFICATIONS, REMOVING CURB AND GUTTER DOES NOT INCLUDE CURB AND GUTTER REMOVED IN CONJUCTION WITH REMOVING CONCRETE PAVEMENT.

3

SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	* 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	602.0405 CONCRETE SIDEWALK 4-INCH SF	SPV.0165.01 CURE AND SEAL TREATMENT CONCRETE SIDEWALK SF	REMARKS
0010	20+12	-	26+41	LT & RT	163.00	6,270	6,270	
0010	26+84	-	33+04	LT & RT	166.00	6,388	6,388	
0010	33+48	-	35+95	LT & RT	75.00	2,882	2,882	
0010	36+39	-	40+60	LT & RT	99.00	3,829	3,829	
0010	41+05	-	45+26	LT & RT	110.00	4,248	4,248	
0010	45+70	-	49+92	LT & RT	108.00	4,152	4,152	
0010	50+36	-	54+60	LT & RT	125.00	4,821	4,821	
0010	55+02	-	60+08	LT & RT	134.00	5,181	5,181	
0010	59+94	-	62+54	LT & RT	63.00	2,436	2,436	
0010	130+37	-	130+54	LT	2.00	86	86	8TH AVENUE
0010	160+37	-	160+75	RT	3.00	122	122	5TH AVENUE
0010	160+37	-	160+67	LT	5.00	185	185	5TH AVENUE
0010	170+37	-	170+52	LT	2.00	80	80	4TH AVENUE
0010	180+33	-	180+45	LT	2.00	63	63	3RD AVENUE
0010	180+33	-	180+43	RT	2.00	93	93	3RD AVENUE
0010	188+80	-	190+22	LT	5.00	205	205	WASHINGTON AVENUE
0010	190+27	-	190+37	LT	1.00	54	54	WASHINGTON AVENUE
0010	190+88	-	191+30	RT	5.00	207	207	WASHINGTON AVENUE
			CATEGORY 0010 TOTAL		1,070	41,302	41,302	
0040	33+48	-	35+95	LT & RT	35	1,360	1,360	
0040	36+39	-	40+60	LT & RT	55	2,135	2,135	
0040	41+05	-	45+26	LT & RT	52	2,000	2,000	
0040	45+70	-	49+92	LT & RT	61	2,357	2,357	
0040	50+36	-	54+60	LT & RT	72	2,790	2,790	
0040	55+02	-	60+08	LT & RT	70	2,727	2,727	
0040	59+94	-	62+54	LT & RT	53	2,034	2,034	
			CATEGORY 0040 TOTAL		398	15,403	15403	
				ITEM TOTAL	1,468	56,705	56,705	

* QUANTITY ALSO SHOWN ELSEWHERE

CONCRETE STEPS

CATEGORY	STATION	LOCATION	602.1500 CONCRETE STEPS SF
0010	23+57	RT	20
0010	24+14	RT	20
0010	24+61	RT	12
0010	28+23	LT	8
0010	28+90	LT	16
0010	29+03	LT	16
0010	29+74	LT	16
0010	32+60	LT	12
0010	35+51	LT	12
0010	38+59	LT	16
0010	51+40	LT	16
		TOTAL 0010	164

DETECTABLE WARNING FIELD

CATEGORY	STATION	TO	STATION	LOCATION	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	REMARKS
0010	20+18	-	20+37	10TH AVE W	40	4	EAST
0010	26+21	-	27+04	9TH AVE W	80	8	WEST & EAST
0010	32+87	-	33+65	8TH AVE W	80	8	WEST & EAST
0010	35+78	-	36+56	7TH AVE W	80	8	WEST & EAST
0010	40+41	-	41+22	6TH AVE W	80	8	WEST & EAST
0010	45+10	-	45+87	5TH AVE W	80	8	WEST & EAST
0010	49+76	-	50+57	4TH AVE W	80	8	WEST & EAST
0010	54+44	-	55+16	3RD AVE W	80	8	WEST & EAST
0010	59+29	-	61+16	WASHINGTON AVE	80	8	WEST & EAST
				TOTAL 0010	680	68	

RIPRAP

CATEGORY	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	606.0300 RIPRAP HEAVY CY	645.0120 GEOTEXTILE TYPE HR SY	SPV.0060.09 SALVAGE AND RE-INSTALL RIPRAP EACH
0010	336+69	RT	4		15	
0010	18+68	RT @ SS		6	22	
0010	49+93	RT @ SS	7		25	
0010	18+74	LT		20	8	1
0010	18+68	RT		14	32	
		TOTAL 0010	11	40	102	1

STORM SEWER PIPES

CATEGORY	FROM	-	TO	LOCATION	608.0342 CLASS III 42-INCH LF	608.0412 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0424 CLASS IV 24-INCH LF	608.0430 30-INCH LF	608.0442 42-INCH LF	608.0460 60-INCH LF	608.2424 HORIZONTAL ELLIPTICAL C LASS HE-IV 24X38-INCH LF	608.3012 STORM SEWER PIPE CLASS III-A 12-INCH LF	608.3015 15-INCH LF	608.3024 24-INCH LF	608.3030 30-INCH LF	SPV.0090.01 STORM SEWER PIPE PVC **6-INCH LF	SPV.0090.02 8-INCH LF	JOINT TIES* EACH	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
0010	2	-	1	P-2												56				3	644.00	638.50	0.0985
0010	3	-	2	P-3												170					660.00	647.00	0.0766
0010	3A	-	3	P-3A											47						662.99	662.47	0.0111
0010	3B	-	3A	P-3B										34							663.41	663.24	0.0050
0010	3C	-	3A	P-3C										20							663.78	663.24	0.0270
0010	4	-	3	P-4												149					662.89	660.00	0.0194
0010	4A	-	4	P-4A										47							664.58	663.99	0.0126
0010	4B	-	4A	P-4B										40							665.04	664.58	0.0115
0010	5	-	4	P-5												150					663.91	662.89	0.0068
0010	5A	-	5	P-5A										47							665.60	664.81	0.0168
0010	6	-	5	P-6											158						665.73	664.66	0.0068
0010	6A	-	6	P-6A										47							666.86	665.98	0.0187
0010		-	7A	P-7AA					8												668.47	668.13	0.0423
0010	7	-	7D	P-7													59				665.38	662.99	0.0408
0010	7A	-	7	P-7A									68								668.13	665.38	0.0407
0010	7B	-	7A	P-7B										7							668.21	668.15	0.0088
0010	7C	-	7A	P-7C										32							668.42	668.24	0.0056
0010	7D	-		P-7D												8					662.99	662.60	0.0487
0010	7E	-	7D	P-7E										32							664.72	663.99	0.0230
0010	8	-	7	P-8												64					666.73	665.38	0.0211
0010	8A	-	8	P-8A										47							668.60	667.73	0.0185
0010	8B	-	8A	P-8B										40							668.99	668.60	0.0098
0010	9	-	8	P-9												188					667.59	666.73	0.0046
0010	9A	-	9	P-9A										47							669.36	668.34	0.0217
0010	9B	-	9A	P-9B										10							669.46	669.36	0.0100
0010	9C	-	9A	P-9C										31							669.54	669.36	0.0057
0010	9D	-	9C	P-9D															13		671.50	671.30	0.0151
0010	10	-	9	P-10											175						669.04	668.34	0.0040
0010	10A	-	10	P-10A										47							670.00	669.29	0.0151
0010	10B	-	10A	P-10B										40							670.27	670.00	0.0068
0010	11	-	11C	P-11A									34								668.50	667.90	0.0177
0010	11A	-	11	P-11A										62							669.76	669.20	0.0090
0010	12	-	11	P-12									68								669.50	668.50	0.0148
0010	12A	-	12	P-12A		39															670.70	670.50	0.0051
0010	12B	-	12A	P-12B		33															670.91	670.70	0.0063
0010	EX12C	-	12	P-12C					16												672.00	670.00	0.1257
0010	13	-	11	P-13			45														669.26	668.95	0.0069
0010	13A	-	13	P-13A		47															670.40	670.01	0.0083
0010	13B	-	13A	P-13B		10															670.54	670.40	0.0140
0010	14A	-	14	P-14A			25														669.75	669.26	0.0193
0010	14B	-	14A	P-14B			47														670.30	669.75	0.0117
0010	14C	-	14B	P-14C		10															670.60	670.55	0.0053
0010	14E	-	14B	P-14E			32														670.40	670.30	0.0031
0010	14F	-	14E	P-14F		39															670.94	670.65	0.0075
0010	15	-	16	P-15											184						666.65	664.75	0.0104
0010	15A	-	15	P-15A										47							667.50	666.90	0.0128
0010	15B	-	15A	P-15B										40							668.21	667.50	0.0177
0010	16	-	17	P-16												190					664.00	662.07	0.0101
0010	16A	-	16	P-16A										47							665.60	665.00	0.0128
0010	16B	-	16A	P-16B										64							666.78	666.00	0.0122
0010	16D	-	16A	P-16D										35							665.90	665.60	0.0085

STORM SEWER PIPES (CONT'D)

CATEGORY	FROM	-	TO	LOCATION	608.0342 CLASS III 42-INCH LF	608.0412 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0424 24-INCH LF	608.0430 30-INCH LF	608.0442 42-INCH LF	608.0460 60-INCH LF	608.2424 HORIZONTAL ELLIPTICAL C LASS HE-IV 24X38-INCH LF	608.3012 12-INCH LF	608.3015 15-INCH LF	608.3024 24-INCH LF	608.3030 30-INCH LF	SPV.0090.01 **6-INCH LF	SPV.0090.02 8-INCH LF	JOINT TIES* EACH	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
					STORM SEWER PIPE REINFORCED CONCRETE CLASS IV									STORM SEWER PIPE CLASS III-A				STORM SEWER PIPE PVC					
0010	16E	-	16D	P-16E										39							666.11	665.90	0.0054
0010	17	-		P-17					8												662.07	661.27	0.0998
0010	17A	-	17	P-17A										50							665.32	663.07	0.0449
0010	17B	-	17A	P-17B										10							665.41	665.32	0.0090
0010	17C	-	17B	P-17C										10							665.46	665.41	0.0050
0010	17D	-	17	P-17D										27							664.91	663.07	0.0689
0010	17F	-	17D	P-17F															8		665.90	665.81	0.0113
0010	19	-	18	P-19							41										660.48	658.95	0.0371
0010	19A	-	19	P-19A										53							664.10	663.50	0.0112
0010	20	-	19	P-20							67										662.95	660.48	0.0369
0010	20A	-	20	P-20A										26							664.54	664.20	0.0132
0010	20B	-	20A	P-20B										34							664.84	664.54	0.0089
0010	20C	-	20B	P-20C										25							664.98	664.84	0.0056
0010	20D	-	20	P-20D										14							664.75	664.20	0.0389
0010	21	-	22	P-21					171												662.30	661.62	0.0040
0010	21A	-	21	P-21A			47														663.20	662.80	0.0085
0010	21B	-	21A	P-21B		20															663.58	663.45	0.0065
0010	21C	-	21B	P-21C		20															663.77	663.58	0.0095
0010	22	-	23	P-22					26												661.62	661.40	0.0086
0010	23	-	25	P-23						65										3	661.00	660.70	0.0046
0010	24	-	23	P-24					70												662.32	661.50	0.0118
0010	24A	-	24	P-24A			34														663.25	663.07	0.0053
0010	24B	-	24A	P-24B		15															663.60	663.50	0.0063
0010	24D	-	24	P-24D										39							662.77	662.57	0.0051
0010	26	-	27	P-26											167						659.99	659.23	0.0046
0010	26A	-	26	P-26A										47							660.88	660.24	0.0136
0010	26B	-	26A	P-26B										40							661.06	660.88	0.0045
0010	27	-	28	P-27													75				658.48	656.78	0.0228
0010	27A	-	27	P-27A										47							660.18	659.48	0.0149
0010	27B	-	27A	P-27B										25							660.32	660.18	0.0056
0010	29	-	28	P-29	82																657.55	654.28	0.0398
0010	29A	-	29	P-29A										26							660.56	660.00	0.0214
0010	29B	-	29	P-29B										13							660.24	660.00	0.0187
0010	30	-	31A	P-30			113														657.75	656.79	0.0085
0010	30A	-	30	P-30A		49															658.30	658.00	0.0061
0010	30B	-	30A	P-30B		25															658.50	658.30	0.0080
0010	31	-	32	P-31				24													656.43	656.30	0.0053
0010	31A	-	31	P-31A			8														656.79	656.68	0.0135
0010	32	-	35B	P-32					123												655.80	655.60	0.0016
0010	32A	-	32	P-32A				44													656.50	656.28	0.0050
0010	32B	-	32A	P-32B			17														656.85	656.75	0.0058
0010	35	-	EX32	P-35								102									654.42	652.71	0.0167
0010	35A	-	35	P-35A											10						657.71	657.60	0.0110
0010	35B	-	35	P-35B													39				655.60	655.50	0.0026
0010	36	-	35	P-36								76									655.40	654.42	0.0129
0010	36A	-	36	P-36A										11							658.67	658.50	0.0155
0010	36B	-	36A	P-36B										40							658.87	658.67	0.0050
0010	37	-	36	P-37								49									655.78	655.40	0.0078
0010	37A	-	37	P-37A		19															660.90	660.15	0.0387
0010	EX38	-	38	EXP 38				8													663.82	663.66	0.0200
0010	38	-	37	P-38								61									658.77	655.78	0.0490

STORM SEWER PIPES (CONT'D)

				608.0342	608.0412	608.0415	608.0418	608.0424	608.0430	608.0442	608.0460	608.2424	608.3012	608.3015	608.3024	608.3030	SPV.0090.01	SPV.0090.02					
				STORM SEWER PIPE REINFORCED CONCRETE									STORM SEWER PIPE CLASS III-A				STORM SEWER PIPE PVC					
				CLASS III				CLASS IV				HORIZONTAL ELLIPTICAL C LASS HE-IV											
				42-INCH	12-INCH	15-INCH	18-INCH	24-INCH	30-INCH	42-INCH	60-INCH	24X38-INCH	12-INCH	15-INCH	24-INCH	30-INCH	**6-INCH	8-INCH	JOINT TIES*	INLET	DISCHARGE	SLOPE
CATEGORY	FROM	- TO	LOCATION	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	EACH	ELEVATION	ELEVATION	FT/FT
0010	40	- 35A	P-40											43						658.22	657.71	0.0119
0010	40A	- 40	P-40A										50							659.51	658.47	0.0208
0010	40B	- 40A	P-40B										40							659.90	659.51	0.0097
0010	40C	- 40B	P-40C										20							660.08	659.90	0.0092
0010	41A	- 37	P-41A												60					659.50	658.50	0.0165
0010	41B	- 41A	P-41B											34						660.54	660.15	0.0113
0010	41C	- 41B	P-41C											26						660.71	660.54	0.0064
0010	41D	- 41C	P-41D										51							661.61	660.96	0.0127
0010	EX42A	- 42	P-42A				8													662.77	662.58	0.0239
0010	42	- 41A	P-42												29					660.50	659.50	0.0349
0010	4C	- 4A	P-4C														12			668.23	665.58	0.2277
0010	6B	- 6A	P-6B														12			668.88	666.98	0.1621
0010	9E	- 9B	P-9E														11			672.68	670.46	0.1930
0010	10C	- 10B	P-10C														11			673.68	671.27	0.2096
0010	13C	- 13B	P-13C														12			673.13	671.54	0.1380
0010	14D	- 14C	P-14D														12			673.18	671.60	0.1372
0010	15C	- 15B	P-15C														12			671.68	669.21	0.2146
0010	17E	- 17B	P-17E														11			668.32	666.41	0.1661
0010	21D	- 21B	P-21D														12			666.40	664.58	0.1581
0010	24E	- 24D	P-24E														14			666.42	663.77	0.1961
0010	26C	- 26B	P-26C														11			664.26	662.06	0.1913
0010	30C	- 30B	P-30C														11			661.84	660.95	0.0774
0010	37B	- 37A	P-37B														19			665.22	661.90	0.1703
0010	41E	- 41D	P-41E														13			665.16	662.61	0.2040
		TOTALS		82	326	368	84	422	65	108	288	170	1600	844	1178	59	173	21	6			

*NON-BID ITEM: FOR INFORMATION ONLY

** CATEGORY 0020

611.0420

611.0420

RECONSTRUCTING MANHOLES

CATEGORY	STATION	LOCATION	EACH	REMARKS
0010	33+53	57.50' LT	1	EX12C - 8TH AVE
		TOTAL 0010	1	

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PIPE UNDERDRAIN

CATEGORY	STATION	TO	STATION	LOCATION	612.0206 PIPE UNDERDRAIN UNPERFORATED 6-INCH LF	612.0406 PIPE UNDERDRAIN WRAPPED 6-INCH LF	612.0806 APRON ENDWALLS FOR UNDERDRAIN REINFORCED CONCRETE 6-INCH EACH
0010	329+35	-	331+48	RT	18	213	1
0010	331+48	-	334+00	RT	29	252	1
0010	334+00	-	336+50	RT	17	250	1
0010	336+50	-	339+00	RT	13	250	1
0010	339+00	-	341+00	RT	15	200	1
0010	341+00	-	17+25	RT	13	364	1
0010	17+25	-	20+25	LT	13	300	1
0010	18+00	-	20+50	RT	17	250	1
0010	20+25	-	62+55	LT		4,230	
0010	20+50	-	62+55	RT		4,206	
0010	SIDE STREETS - RADIUS			LT/RT		1,400	
				TOTAL 0010	135	11,915	8

SAFTY FENCE

CATEGORY	STATION	TO	STATION	LOCATION	616.0700.S FENCE SAFETY LF	REMARKS
0010	51+75	-	54+50	LT	280	WIKDAL PARK
		-				
				TOTAL 0010	280	

HAUL ROAD

CATEGORY	STATION	TO	STATION	LOCATION	618.0100.01 MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) (01. TBD) EACH	619.1000 MOBILIZATION EACH
0010	329+28.14	-	62+54.47	LT & RT	1	1
				TOTAL 0010	1	1

DUST CONTROL

CATEGORY	STATION	TO	STATION	LOCATION	623.0200 DUST CONTROL SURFACE TREATMENT SY
0010	329+28.14	-	62+54.47	LT & RT	27,018
				TOTAL 0010	27,018

FINISHING ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	624.0100 WATER MGAL	625.0100 TOPSOIL SY	625.0500 SALVAGED TOPSOIL SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0140 SEEDING MIXTURE NO. 40 LB	630.0200 SEEDING TEMPORARY LB
0010	334+50	-	341+00	LT	2	-	99	0.06	2	-	2
0010	334+50	-	341+00	RT	0	-	107	0.06	3	-	3
0010	341+00	-	20+00	LT	6	-	265	0.15	7	-	7
0010	341+00	-	20+00	RT	10	-	438	0.25	11	-	11
0010	20+00	-	26+62	LT	13	571	-	0.33	-	9	14
0010	20+00	-	26+62	RT	11	508	-	0.29	-	8	12
0010	26+62	-	33+24	LT	20	876	-	0.50	-	14	22
0010	26+62	-	33+24	RT	11	468	-	0.27	-	8	11
0010	33+24	-	36+16	LT	8	344	-	0.20	-	6	8
0010	33+24	-	36+16	RT	3	151	-	0.09	-	2	4
0010	36+16	-	40+80	LT	7	307	-	0.18	-	5	8
0010	36+16	-	40+80	RT	5	242	-	0.14	-	4	6
0010	40+80	-	45+48	LT	5	228	-	0.13	-	4	6
0010	40+80	-	45+48	RT	5	201	-	0.12	-	3	5
0010	45+48	-	50+14	LT	6	264	-	0.15	-	4	6
0010	45+48	-	50+14	RT	5	215	-	0.12	-	4	5
0010	50+14	-	54+82	LT	9	412	-	0.24	-	7	10
0010	50+14	-	54+82	RT	6	269	-	0.15	-	4	7
0010	54+82	-	60+03	LT	11	473	-	0.27	-	8	12
0010	54+82	-	60+03	RT	8	351	-	0.20	-	6	9
0010	60+03		62+98	LT	4	167	-	0.10	-	3	4
0010	60+03		62+98	RT	6	256	-	0.15	-	4	6
	UNDISTRIBUTED										
				TOTAL 0010	160	6,302	910	4.13	22	103	177

EROSION CONTROL

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.2004 EROSION MAT CLASS I TYPE B SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH
0010	334+50	-	341+00	LT	90	90	90		32	3
0010	334+50	-	341+00	RT	90	90	97			
0010	341+00	-	20+00	LT	50	50	100			
0010	341+00	-	20+00	RT	50	50	145			
0010	20+00	-	26+62	LT				318		
0010	20+00	-	26+62	RT				341		
0010	26+62	-	33+24	LT				579		
0010	26+62	-	33+24	RT				219		
0010	33+24	-	36+16	LT				232		
0010	33+24	-	36+16	RT				67		
0010	36+16	-	40+80	LT				158		
0010	36+16	-	40+80	RT				103		
0010	40+80	-	45+48	LT				86		
0010	40+80	-	45+48	RT				89		
0010	45+48	-	50+14	LT				119		
0010	45+48	-	50+14	RT				60		
0010	50+14	-	54+82	LT				174		
0010	50+14	-	54+82	RT				88		
0010	54+82	-	60+03	LT				127		
0010	54+82	-	60+03	RT				191		
0010	60+03		62+98	LT				18		
0010	60+03		62+98	RT				109		
	UNDISTRIBUTED				70	70			8	2
				TOTAL 0010	350	350	433	3,077	40	5

INLET PROTECTION

CATEGORY	STATION	TO	STATION	LOCATION	628.7005 INLET PROTECTION TYPE A EACH	628.7015 INLET PROTECTION TYPE C EACH
0010	20+00	-	26+62	LT & RT	13	13
0010	26+62	-	33+24	LT & RT	15	15
0010	33+24	-	36+16	LT & RT	8	8
0010	36+16	-	40+80	LT & RT	8	8
0010	40+80	-	45+48	LT & RT	9	9
0010	45+48	-	50+14	LT & RT	9	9
0010	50+14	-	54+82	LT & RT	8	8
0010	54+82	-	60+03	LT & RT	15	15
0010	60+03		62+98	LT & RT	9	9
					94	94

MOBILIZATION EROSION CONTROL

CATEGORY	STATION	TO	STATION	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	329+28	-	62+54	LT / RT	8	12
				TOTAL 0010	8	12

TRACKING PADS

CATEGORY	STATION	LOCATION	628.7560 TRACKING PADS EACH
0010	329+28	BEGIN	1
0010	33+25	8TH AVE	1
0010	33+25	8TH AVE	1
0010	62+55	END	1
			4

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SIGNS TYPE II ITEMS

SIGN NO.	SIGN CODE	STATION	LOCATION	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN EACH	634.0616 POSTS WOOD 4X6-INCH X 16- EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	COMMENT
11	R1-1	339+90 LT	11TH AVE	1	1	--	--	--	--	STOP SIGN
12	R1-1	340+30 RT	11TH AVE	1	1	--	--	--	--	STOP SIGN
13	S3-1	19+30 LT	STH 13	1	--	--	--	1	--	MOVE FROM POLE
14	R1-1	19+70 LT	10TH AVE	1	1	--	--	--	--	STOP SIGN
15	R1-1	20+15 RT	10TH AVE	1	1	--	--	--	--	STOP SIGN
16	W1-2L	20+85 LT	STH 13	1	1	--	--	--	--	--
17	W13-1	20+85 LT	STH 13	1	--	--	--	--	--	"35"
18	R2-1	22+40 RT	STH 13	--	--	--	--	--	5.00	ADD SIGN "S.L. 35" TO LIGHT POLE
19	R4-50	22+40 RT	STH 13	1	--	--	--	--	--	--
20	W11-2	24+20 RT	STH 13	1	1	--	--	--	--	--
21	W16-9P	24+20 RT	STH 13	1	--	--	--	--	--	--
22	R2-1	24+30 LT	STH 13	1	--	--	--	--	--	"S.L. 35"
23	W11-2	26+10 RT	STH 13	1	--	--	--	--	--	--
24	W16-7L	26+10 RT	STH 13	1	--	--	--	--	--	--
25	R1-1	26+40 LT	9TH AVE	1	1	--	--	--	--	STOP SIGN
26	R1-1	26+85 RT	9TH AVE	1	1	--	--	--	--	STOP SIGN
27	W11-2	27+20 LT	STH 13	1	--	--	--	--	--	--
28	R3-4	27+20 LT	STH 13	1	--	--	--	--	--	--
29	R2-1	27+20 LT	STH 13	1	--	--	--	--	--	"S.L. 35"
31	R2-1	28+90 RT	STH 13	1	--	--	--	--	--	"S.L. 25"
32	J1-1	30+50 RT	STH 13	1	1	--	--	--	--	JCT 'C'
33	D1-2	31+15 RT	STH 13	1	1	--	--	--	--	1 POST INSTALLATION
34	R3-4	32+72 RT	STH 13	1	--	--	--	--	--	--
35	J13-1	32+72 RT	STH 13	1	--	--	--	--	--	'C' + Left Arrow
36	R1-1	33+00 LT	CTH 'C'	1	1	--	--	--	--	STOP SIGN
37	R1-1	33+50 RT	8TH AVE	1	1	--	--	--	--	STOP SIGN
39	R3-4	33+75 LT	STH 13	1	--	--	--	--	--	--
38	J13-1	33+75 LT	STH 13	1	--	--	--	--	--	C' + Right Arrow
40	J1-1	35+65 LT	STH 13	1	1	--	--	--	--	JCT 'C'
41	R1-1	36+40 RT	7TH AVE	1	1	--	--	--	--	STOP SIGN
42	R3-4	36+70 LT	STH 13	1	--	--	--	--	--	--
43	R1-1	40+58 LT	6TH AVE	1	1	--	--	--	--	STOP SIGN
44	R1-1	41+07 RT	6TH AVE	1	1	--	--	--	--	STOP SIGN
45	R2-1	41+30 LT	STH 13	1	--	--	--	--	--	"S.L. 25"
46	R1-1	45+25 LT	5TH AVE	1	--	--	1	--	--	STOP SIGN

3

SIGNS TYPE II ITEMS (CONT'D)

SIGN NO.	SIGN CODE	STATION	LOCATION	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN EACH	634.0616 POSTS WOOD 4X6-INCH X 16- EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	COMMENT
47	R1-1	45+75 RT	5TH AVE	1	--	--	1	--	--	STOP SIGN
48	R2-1	48+42 LT	STH 13	1	--	--	--	--	--	"S.L. 25"
49	R2-1	49+68 RT	STH 13	1	--	--	--	--	--	"S.L. 25"
50	R1-1	49+92 LT	4TH AVE	1	--	--	1	--	--	STOP SIGN
51	R1-1	50+38 RT	4TH AVE	1	--	--	1	--	--	STOP SIGN
52	J2-1	51+94 RT	STH 13	1	--	--	--	--	--	NORTH 13+Adv. Diag. Left Arrow
53	M1-97	54+35 RT	STH 13	1	--	--	--	--	--	SCENIC BYWAY
54	M5-2L	54+35 RT	STH 13	1	--	--	--	--	--	Advance Diagonal Left Arrow
55	R1-1	54+60 LT	3RD AVE	1	--	--	1	--	--	STOP SIGN
56	R1-1	55+06 RT	3RD AVE	1	--	--	1	--	--	STOP SIGN
57	W11-2	55+25 LT	STH 13	1	--	--	--	--	--	--
58	R3-4	55+25 LT	STH 13	1	--	--	--	--	--	--
61	W11-2	56+37 RT	STH 13	1	--	--	--	--	--	--
62	J3-1	56+37 RT	STH 13	1	--	--	--	--	--	NORTH 13+Diagonal Left Arrow
63	R7-52R	56+58 LT	STH 13	1	1	--	--	--	--	--
64	M1-97	56+88 RT	STH 13	1	1	--	--	--	--	SCENIC BYWAY
65	M6-2	56+88 RT	STH 13	1	--	--	--	--	--	Diagonal Left Arrow
66	J3-1	57+55 LT	STH 13	1	--	--	--	--	--	SOUTH 13+Diagonal Right Arrow
67	R6-2R	57+95 RT	STH 13	1	--	--	--	--	--	ONE WAY Street Entr.
68	R5-1	57+95 RT	STH 13	1	--	--	--	--	--	DO NOT ENTER facing south
69	W11-2	59+56 LT	STH 13	1	--	--	--	--	--	--
70	R2-1	59+56 LT	STH 13	1	--	--	--	--	--	"S.L. 25"
71	R7-52L	59+56 LT	STH 13	1	--	--	--	--	--	--
72	R1-1	59+95 RT	WASHINGTON AVE	1	1	--	--	--	--	STOP SIGN
73	R1-1	60+05 LT	WASHINGTON AVE	1	--	--	1	--	--	STOP SIGN
74	---	60+48 RT	STH 13	--	--	1	1	--	--	REMOVE 'NO PARKING' SIGN & POST
75	R3-4	60+46 RT	STH 13	1	--	--	--	--	--	--
76	M1-97	61+40 LT	STH 13	1	--	--	--	--	--	SCENIC BYWAY
77	R2-1	61+40 LT	STH 13	1	--	--	--	--	--	"S.L. 25"
78	---	62+43 RT	STH 13	--	--	1	--	--	--	REMOVE 'NO PARKING' SIGN ONLY
			PROJECT TOTALS	62	19	2	8	1	5.00	

FIELD OFFICE TYPE C

CATEGORY	642.5201 FIELD OFFICE TYPE C EACH
0010	1
TOTAL 0010	1

TRAFFIC CONTROL & DEVICE DAY ITEMS

LOCATION	DAYS (CALENDAR)	643.5000 TRAFFIC CONTROL EACH	DRUMS (COUNT)	643.0300 TRAFFIC CONTROL DRUMS DAY	BARRI-CADES (COUNT)	643.0410 TRAFFIC CONTROL BARRICADES TYPE II DAY	BARRI-CADES (COUNT)	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	LIGHTS (COUNT)	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	SIGNS (COUNT)	643.0900 TRAFFIC CONTROL SIGNS DAY	PCMS (COUNT)	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	CURB RAMP (COUNT)	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	COMMENTS
	45						10	450	20	900	15	675					
PROJECT	215	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	---
ADVANCE CLOSURE NOTICE	7	-	8	56	-	-	-	-	-	-	-	-	2	14	-	-	FOR HWY 13 CLOSURES
CLOSURE DEVICES	208	-	50	10,400	-	-	77	16,016	104	21,632	26	5,408	-	-	-	-	INCLUDES ALL PUBLIC ROADS
TRUCK DETOUR SIGNS	208	-	-	-	-	-	-	-	-	-	160	33,280	-	-	-	-	TRUCK DETOUR
LOCAL DETOUR SIGNS (Phase 1)	30	-	-	-	-	-	-	-	-	-	73	2,190	-	-	-	-	LOCAL DETOUR
LOCAL DETOUR SIGNS (Phase 2)	178	-	-	-	-	-	-	-	-	-	52	9,256	-	-	-	-	LOCAL DETOUR
PEDESTRIAN ACCOMMODATIONS	178	-	40	7,120	16	2,848	-	-	-	-	50	8,900	-	-	5	890	SIDEWALK CLOSURES / PED DETOURS
UNDISTRIBUTED	215	-	10	2,150	2	430	3	645	6	1,290	5	1,075	-	-	1	215	---
PROJECT TOTALS		1		19,726		3,278		17,111		23,822		60,784		14		1,105	

LOCATION	644.1430 TEMPORARY PEDESTRIAN SURFACE SF	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF
2ND - 3RD	224	-	744
3RD - 4TH	224	-	474
4TH - 6TH	224	-	936
6TH - 8TH	224	-	756
8TH - 9TH	224	-	672
9TH - 10TH	224	-	660
UNDISTRIBUTED	128	32	210
PROJECT TOTALS	1472	32	4452

3

PAVEMENT MARKING

CATEGORY	STATION	TO	STATION	LOCATION	646.6464 COLD WEATHER MARKING EPOXY 4-INCH LF	646.6468 COLD WEATHER MARKING EPOXY 8-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.5520 MARKING OUTFALL EPOXY EACH	646.6020 MARKING STOP LINE EPOXY 12-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.8120 MARKING CURB EPOXY LF	REMARKS
0010	329+28	-	340+05	LT & RT	2,172				7					
0010	340+05	-	19+97	LT & RT	1,092									
0010	19+97	-	26+62	LT & RT	2,551							182	73	
0010	26+62	-	33+24	LT & RT	3,014	179	2	1			42	185	35	
0010	33+24	-	36+17	LT & RT	1,211	54	1				82	175		
0010	36+17	-	40+82	LT & RT	1,651							172	48	
0010	40+82	-	45+47	LT & RT	1,705							186	66	
0010	45+47	-	50+13	LT & RT	2,020							189	99	
0010	50+13	-	54+80	LT & RT	1,668							163	75	
0010	54+80	-	60+07	LT & RT	1,808	75	1				68	187	58	
0010	60+07	-	62+54	LT & RT	668	54	1				55	134	54	
0010	99+36	-	99+77	LT & RT	67					22				11TH AVENUE
0010	100+23	-	100+72	LT & RT	86					20				11TH AVENUE
0010	109+00	-	109+78	LT & RT	83					13			78	10TH AVENUE
0010	110+22	-	110+75	LT & RT	70					19			79	10TH AVENUE
0010	119+00	-	119+78	LT & RT	69					19		88	79	9TH AVENUE
0010	120+22	-	121+00	LT & RT	67					19		88	79	9TH AVENUE
0010	129+25	-	129+78	LT & RT	69					19		91	79	8TH AVENUE
0010	130+22	-	131+00	LT & RT	37					19		88	79	8TH AVENUE
0010	139+00	-	139+78	LT & RT	67					19		88	79	7TH AVENUE
0010	140+22	-	141+00	LT & RT	31					18		80	63	7TH AVENUE
0010	149+37	-	149+78	LT & RT	49					18		92	68	6TH AVENUE
0010	150+22	-	150+62	LT & RT	41					19		88	79	6TH AVENUE
0010	159+30	-	159+78	LT & RT	57					19		88	79	5TH AVENUE
0010	160+22	-	161+00	LT & RT	47					19		88	76	5TH AVENUE
0010	169+10	-	169+78	LT & RT	67					19		88	79	4TH AVENUE
0010	170+22	-	171+00	LT & RT	37					19		88	79	4TH AVENUE
0010	179+00	-	179+78	LT & RT	65					18		83	79	3RD AVENUE
0010	180+22	-	180+70	LT & RT	65					19		80	71	3RD AVENUE
0010	188+80	-	189+69	LT & RT	123					18		103	100	WASHINGTON AVENUE
0010	190+31	-	191+20	LT & RT	117					29		125	92	WASHINGTON AVENUE
TOTAL 0010					20,874	362	5	1	7	384	247	3,019	1,925	

STAKING

CATEGORY	STATION	TO	STATION	LOCATION	650.8500.01 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (PROJECT) 01. 8160-00-75 EACH	650.9500 CONSTRUCTION STAKING SIDEWALK PROJECT 8160-00-75 EACH	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 8160-00-75 EACH	* 650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
0010	329+28	-	62+54	LT & RT	1	1	1	5,994
				TOTAL 0010	1	1	1	5,994

* QUANTITY ALSO SHOWN ELSEWHERE

PULL BOX ITEMS

CATEGORY	NO.	653.0164 PULL BOXES NON-CONDUCTIVE 24X42-INCH EACH
0030	PB1	1
0030	PB2	1
0030	PB3	1
0030	PB4	1
0030	PB5	1
0030	PB6	1
0030	PB7	1
0030	PB8	1
ITEM TOTAL		8

LIGHTING ELECTRICAL WIRE AND CONDUIT ITEMS

CATEGORY	FROM	TO	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)	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG (LF)	655.0630 ELECTRICAL WIRE LIGHTING 4 AWG (LF)
0030	LCC-A-1	LCC-A-2	77		162	261	261
	LCC-A-2	LCC-A-3	150		162	480	480
	LCC-A-3	LCC-A-4	252		162	786	786
	LCC-A-4	LCC-A-5	75		162	255	255
	LCC-A-5	LCC-A-6	152		162	486	486
	LCC-A-6	PB1	244		162	762	762
	PB1	PB2		53		378	378
	PB2	PB3	52	52		558	558
	PB3	LCC-A		18		168	168
	LCC-A-20	LCC-A-19	74		162	252	252
	LCC-A-19	LCC-A-18	250		162	780	780
	LCC-A-18	LCC-A-17	158		162	504	504
	LCC-A-17	LCC-A-16	77		162	261	261
	LCC-A-16	LCC-A-15	249		162	777	777
	LCC-A-15	PB2	125		162	405	405
	LCC-A-10	LCC-A-9	241		162	753	753
	LCC-A-9	LCC-A-8	160		162	510	510
	LCC-A-8	LCC-A-7	76		162	258	258
	LCC-A-7	PB1	7		162	51	51
	LCC-A-11	LCC-A-12	147		162	471	471
	LCC-A-12	LCC-A-13	252		162	786	786
	LCC-A-13	LCC-A-14	80		162	270	270
	LCC-A-14	PB3	19		162	87	87
	LCC-B-1	LCC-B-2	136		162	438	438
	LCC-B-2	LCC-B-3	176		162	558	558
	LCC-B-3	LCC-B-4	66		162	228	228
	LCC-B-4	PB4	102		162	336	336
	PB4	LCC-B	68			234	234
	LCC-B-11	LCC-B-10	224		162	702	702
	LCC-B-10	LCC-B-9	197		162	621	621
	LCC-B-9	LCC-B-8	62		162	216	216
	LCC-B-8	PB8	87		162	291	291
	PB8	PB7		63		438	438
	PB7	PB6		78		528	528
	PB6	PB5		44		324	324
	PB5	LCC-B		24		198	198
	END OF PROJECT	PB7	137		152		
	PB7	LCC-B-6	50			180	180
	LCC-B-6	PB6	28		162	114	114
	PB6	LCC-B-5	28			114	114
	LCC-B-5	PB5	20		162	90	90
	END OF PROJECT	LCC-B-7	115		130		
	LCC-B-7	PB8	18		162	84	84
ITEM TOTALS			4431	332	5304	15993	15993

3

SAWING

CATEGORY	STATION	TO	STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
0010	329+28.14	-		LT & RT	40		
0010	342+14.50	-		RT	10		
0010	21+75.00	-		RT	20		
0010	23+55.86	-	26+04.48	LT & RT		20	SIDEWALKS
0010	24+07.30	-		LT	30		
0010	25+34.80	-		LT		25	
0010	27+27.81	-	32+61.24	LT & RT		20	SIDEWALKS
0010	30+33.80	-		RT		8	
0010	31+50.00	-		RT	23		
0010	31+67.00	-		LT		17	
0010	34+41.13	-	35+53.29	LT		12	SIDEWALKS
0010	37+01.60	-		RT	48		
0010	37+18.52	-	38+60.47	LT		19	SIDEWALKS
0010	38+83.20	-		LT	19		
0010	38+96.50	-		RT		44	
0010	39+95.70	-		LT	68		
0010	41+96.70	-		LT	59		
0010	42+74.40	-		RT	67		
0010	44+30.00	-		LT	67		
0010	44+63.09	-		LT & RT		7	SIDEWALKS
0010	46+41.09	-	49+03.52	LT & RT		42	SIDEWALKS
0010	46+42.20	-		LT	32		
0010	49+05.70	-		LT	40		
0010	49+35.20	-		RT	20		
0010	50+96.66	-	53+92.37	LT & RT		190	SIDEWALKS
0010	57+20.00	-		RT	35		
0010	57+28.20	-		LT	38		
0010	57+50.34	-	62+54.47	LT & RT		207	SIDEWALKS
0010	57+77	-		RT	15		
0010	61+68.80	-		LT	35		
0010	62+54.47	-		LT & RT	44	30	
0010	99+36.38	-		LT & RT	23		11TH AVENUE
0010	100+72.47	-		LT & RT	23		11TH AVENUE
0010	109+00.00	-		LT & RT	11		10TH AVENUE
0010	110+75.00	-		LT & RT	28		10TH AVENUE
0010	119+00.00	-		LT & RT	28		9TH AVENUE
0010	121+00.00	-		LT & RT	28		9TH AVENUE
0010	129+25.00	-		LT & RT	30		8TH AVENUE
0010	131+00.00	-		LT & RT	56	4	8TH AVENUE
0010	139+00.00	-		LT & RT	28		7TH AVENUE
0010	141+00.00	-		LT & RT	33		7TH AVENUE
0010	149+37.60	-		LT & RT	29		6TH AVENUE
0010	150+62.23	-		LT & RT	37		6TH AVENUE
0010	159+30.00	-		LT & RT	107		5TH AVENUE
0010	161+00.00	-		LT & RT	38	30	5TH AVENUE
0010	169+10.00	-		LT & RT	32		4TH AVENUE
0010	171+00.00	-		LT & RT	37	4	4TH AVENUE
0010	179+00.00	-		LT & RT	28		3RD AVENUE
0010	180+70.00	-		LT & RT	32	11	3RD AVENUE
0010	188+80.00	-		LT & RT	54	5	WASHINGTON AVENUE/ DRIVEWAY
0010	191+20.08	-		LT & RT	89	5	WASHINGTON AVENUE/DRIVEWAY
				TOTAL 0010	1,481	700	

CRACK AND DAMAGE

999.1501.S
CRACK AND DAMAGE
SURVEY

CATEGORY	STATION	LOCATION	EACH	REMARKS
0010	35+25	RT	1	706 W Bayfield St.
0010	36+75	LT	1	631 W Bayfield St.
0010	39+50	LT	1	605 W Bayfield St.
0010	41+25	RT	1	532 W Bayfield St.
0010	44+75	LT	1	509 W Bayfield St.
0010	46+85	RT	1	428 W Bayfield St.
0010	50+65	LT	1	331 W Bayfield St.
0010	51+00	RT	1	328 W Bayfield St.
0010	51+50	RT	1	324 W Bayfield St.
0010	52+50	RT	1	318 W Bayfield St.
0010	53+30	RT	1	310 W Bayfield St.
0010	53+60	RT	1	308 W Bayfield St.
0010	53+80	RT	1	306 W Bayfield St.
0010	55+25	LT	1	231 W Bayfield St.
0010	55+75	LT	1	229 W Bayfield St.
0010	57+75	LT	1	211 W Bayfield St.
0010	59+00	RT	1	214 W Bayfield St.
0010	58+00	RT	1	204 W Bayfield St.
0010	59+75	LT	1	119 N Washington Ave
0010	60+75	RT	1	104 S Washington Ave
0010	61+00	RT	1	146 W Bayfield St.
0010	61+75	RT	1	144 W Bayfield St.
0010	62+00	RT	1	138 W Bayfield St.
		TOTAL 0010	23	

LIGHTING UNIT ITEMS

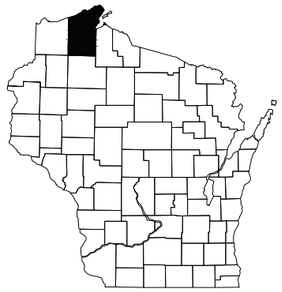
CATEGORY	LIGHTING UNIT NO.	SPV.0060.06 LIGHTING UNIT TYPE SPECIAL EACH	SPV.0060.05 CONCRETE BASES TYPE SPECIAL EACH
0030	LCC-A-1	1	1
0030	LCC-A-2	1	1
0030	LCC-A-3	1	1
0030	LCC-A-4	1	1
0030	LCC-A-5	1	1
0030	LCC-A-6	1	1
0030	LCC-A-7	1	1
0030	LCC-A-8	1	1
0030	LCC-A-9	1	1
0030	LCC-A-10	1	1
0030	LCC-A-11	1	1
0030	LCC-A-12	1	1
0030	LCC-A-13	1	1
0030	LCC-A-14	1	1
0030	LCC-A-15	1	1
0030	LCC-A-16	1	1
0030	LCC-A-17	1	1
0030	LCC-A-18	1	1
0030	LCC-A-19	1	1
0030	LCC-A-20	1	1
0030	LCC-B-1	1	1
0030	LCC-B-2	1	1
0030	LCC-B-3	1	1
0030	LCC-B-4	1	1
0030	LCC-B-5	1	1
0030	LCC-B-6	1	1
0030	LCC-B-7	1	1
0030	LCC-B-8	1	1
0030	LCC-B-9	1	1
0030	LCC-B-10	1	1
0030	LCC-B-11	1	1
	ITEM TOTALS	31	31

TRAINING

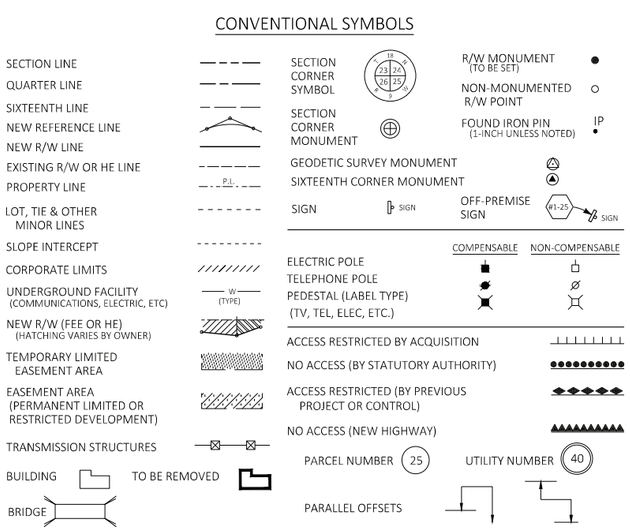
CATEGORY	ASP.1T0A ON-THE-JOB TRAINING APPRENTICE AT $5.00/HR HRS	ASP.1T0G ON-THE-JOB TRAINING GRADUATE AT $5.00/HR HRS
0010	2,500	2,000
TOTAL 0010	2,500	2,000

LIGHTING CONTROL CABINET

CATEGORY	CABINET	SPV.0060.07 CONCRETE CONTROL CABINET BASE TYPE SPECIAL EACH	SPV.0060.08 LIGHTING CONTROL CABINET TYPE SPECIAL EACH
0030	LCC-A	1	1
0030	LCC-B	1	1
	ITEM TOTALS	2	2



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
8160-00-25
C WASHBURN, BAYFIELD STREET
THOMPSON CREEK TO WASHINGTON AVE
STH 13
BAYFIELD COUNTY

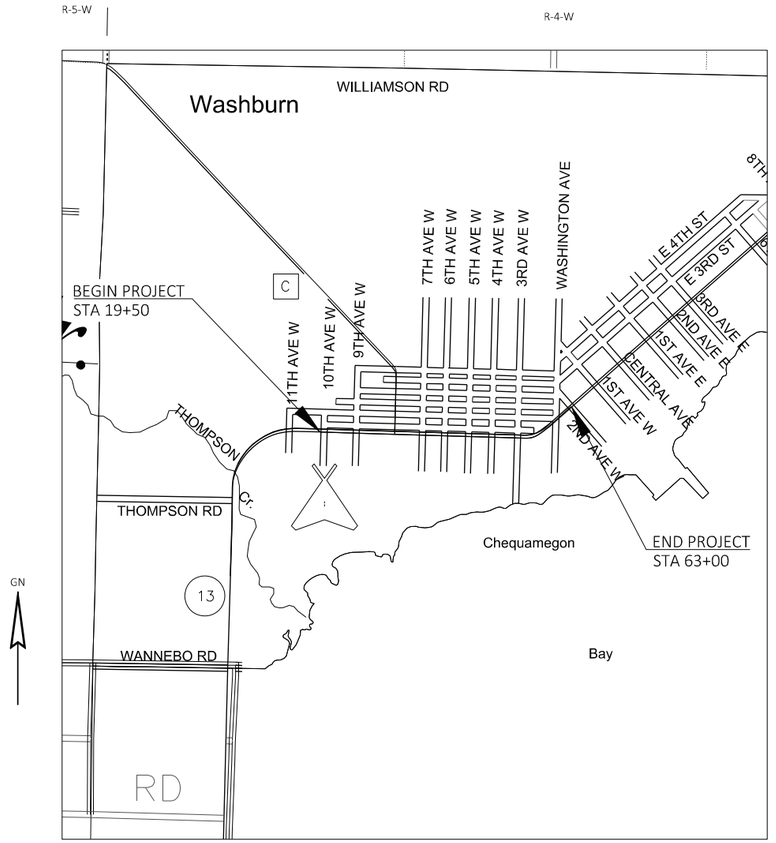


CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
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 NUMBER	NGS NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

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

LAYOUT
SCALE 0 .25 MI.

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 8160-00-25.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BAYFIELD COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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.

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 ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SUPERIOR.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE, AND ACCESS CONTROL ARE LISTED ON THE TPP DETAIL PAGES

PROJECT NUMBER	8160-00-25	- 4.01
SHEET	2 OF 2	
AMENDMENT NO:		

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\RW\81600075_TPP.DWG
LAYOUT NAME: TITLE
PLOT DATE : 9/16/2015 3:04 PM PLOT BY : NICK ENGH PLOT NAME : _____
APPRAISAL PLAT DATE : _____

TRANSPORTATION PROJECT PLAT NO: 8160-00-25 - 4.01

THAT PART OF LOTS 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, & 24, BLOCK 6 AND PART OF LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, & 12, BLOCK 7, ALL IN NEILL AND PRATT'S ADDITION, LOCATED IN THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 6, TOWNSHIP 48 NORTH, RANGE 4 WEST, CITY OF WASHBURN, BAYFIELD COUNTY, WISCONSIN.

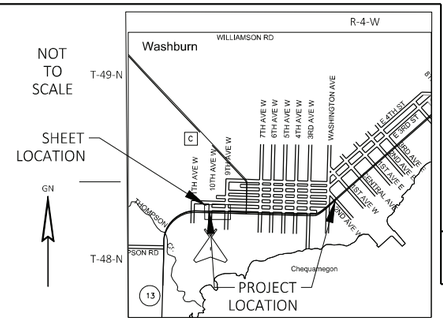
RELOCATION ORDER STH 13 C WASHBURN, BAYFIELD ST (THOMPSON CREEK TO WASHINGTON AVE) BAYFIELD COUNTY

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 PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

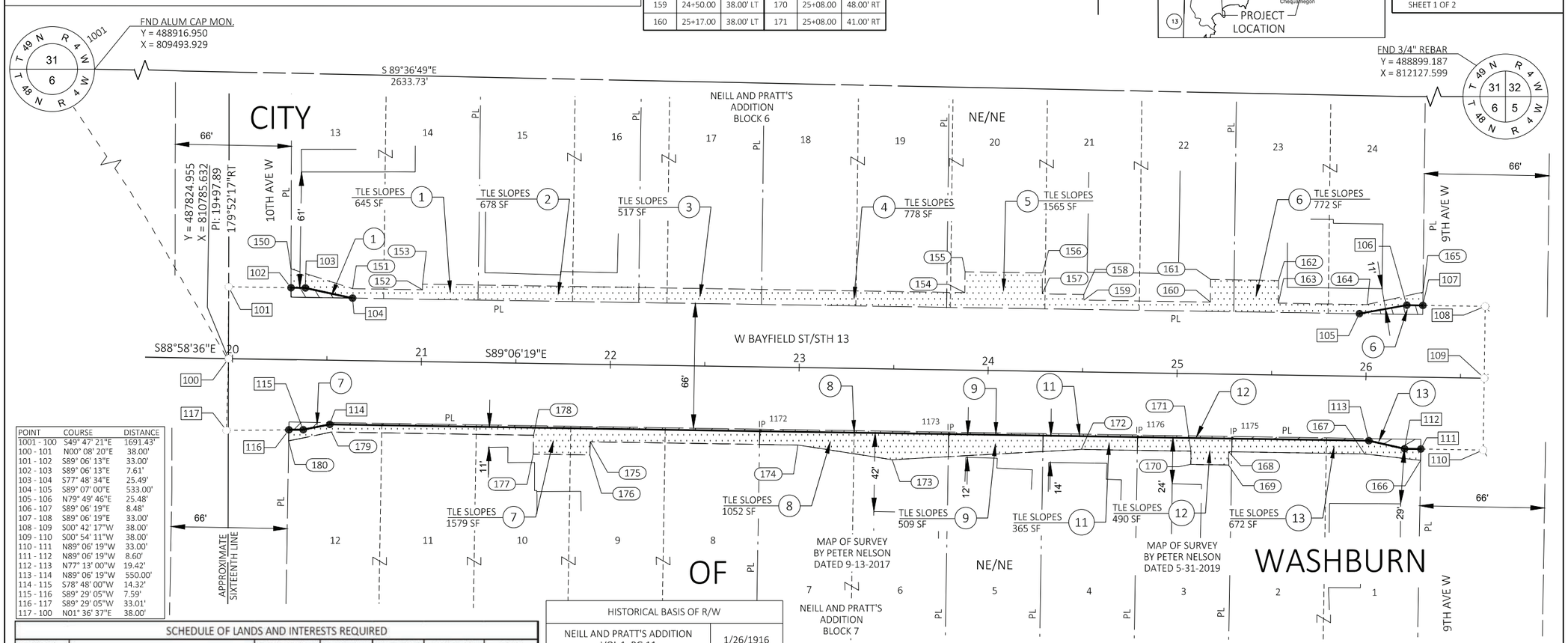
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

TLE POINT TABLE			TLE POINT TABLE			TLE POINT TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET	POINT	STATION	OFFSET
150	20+30.26	48.00' LT	161	25+17.00	50.00' LT	172	24+50.00	41.00' RT
151	20+63.00	38.00' LT	162	25+53.00	50.00' LT	173	23+50.00	48.00' RT
152	21+00.00	38.00' LT	163	25+53.00	38.00' LT	174	23+00.00	41.00' RT
153	21+00.00	41.00' LT	164	26+00.00	38.00' LT	175	21+90.00	41.00' RT
154	23+87.00	41.00' LT	165	26+29.46	45.00' LT	176	21+90.00	48.00' RT
155	23+87.00	52.00' LT	166	26+29.60	44.00' RT	177	21+60.00	48.00' RT
156	24+28.00	52.00' LT	167	26+00.00	41.00' RT	178	21+60.00	38.00' RT
157	24+28.00	41.00' LT	168	25+28.00	41.00' RT	179	20+53.00	38.00' RT
158	24+50.00	41.00' LT	169	25+28.00	48.00' RT	180	20+30.41	43.00' RT
159	24+50.00	38.00' LT	170	25+08.00	48.00' RT			
160	25+17.00	38.00' LT	171	25+08.00	41.00' RT			



2022R-594766
DANIEL J. HEFFNER
BAYFIELD COUNTY, WI
REGISTER OF DEEDS
05/24/2022 02:09PM
TF EXEMPT #:
PLAT FEE: 25.00
PAGES: 2
Vol 1 TPP Pg 38-39

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8160-00-25 - 4.01
SHEET 1 OF 2



POINT	COURSE	DISTANCE
1001 - 100	S49° 47' 21"E	1691.43'
100 - 101	N00° 08' 20"E	38.00'
101 - 102	S89° 06' 13"E	33.00'
102 - 103	S89° 06' 13"E	7.61'
103 - 104	S77° 48' 34"E	25.49'
104 - 105	S89° 07' 00"E	533.00'
105 - 106	N79° 49' 46"E	25.48'
106 - 107	S89° 06' 19"E	8.48'
107 - 108	S89° 06' 19"E	33.00'
108 - 109	S00° 42' 17"W	38.00'
109 - 110	S00° 54' 11"W	38.00'
110 - 111	N89° 06' 19"W	33.00'
111 - 112	N89° 06' 19"W	8.60'
112 - 113	N77° 13' 00"W	19.42'
113 - 114	N89° 06' 19"W	550.00'
114 - 115	S78° 48' 00"W	14.32'
115 - 116	S89° 29' 05"W	7.59'
116 - 117	S89° 29' 05"W	33.01'
117 - 100	N01° 36' 37"E	38.00'

HISTORICAL BASIS OF R/W	
NEILL AND PRATT'S ADDITION VOL 1, PG 11	1/26/1916
MAP OF SURVEY BY PETER NELSON	9/13/2017
MAP OF SURVEY BY PETER NELSON	5/31/2019

FEE STATION & OFFSET TABLE			FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
100	19+97.89	0.00' RT	110	26+62.60	38.00' RT
101	19+97.30	38.00' LT	111	26+29.60	38.00' RT
102	20+30.39	38.00' LT	112	26+21.00	38.00' RT
103	20+38.00	38.00' LT	113	26+02.00	34.00' RT
104	20+63.00	33.01' LT	114	20+52.00	34.00' RT
105	25+96.00	33.11' LT	115	20+38.00	37.00' RT
106	26+21.00	38.00' LT	116	20+30.42	37.19' RT
107	26+29.48	38.00' LT	117	19+97.50	38.00' RT
108	26+62.48	38.00' LT			
109	26+62.60	0.00' LT			

SCHEDULE OF LANDS AND INTERESTS REQUIRED						
PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	RW/NEW (SF)	RW/EXIST (SF)	RW/TOTAL (SF)	TLE (SF)
1	MILLER REVOCABLE LIVING TRUST DATED 13 APRIL 2015	FEE/TLE	100	---	100	645
2	GRETCHEN GERBER	TLE	---	---	---	678
3	GRETCHEN GERBER	TLE	---	---	---	517
4	RICHARD D. & SANDRA H. JOHNSON	TLE	---	---	---	778
5	KEVIN STIFTER INC. VENDOR SCARECROW PIZZA LLC VENDEE	TLE	---	---	---	1565
6	SANTA LEYENDA INMUEBLE LLC	FEE/TLE	102	---	102	772
7	JAMES R PAGAC	FEE/TLE	299	---	299	1579
8	KEVIN S. SMITH	FEE/TLE	106	---	106	1052
9	MICHAEL L. DEFOE	FEE/TLE	54	---	54	509
11	JEREMY T. & SARAH L. TRAAHOLT	FEE/TLE	54	---	54	365
12	LINDA A. SCHOCH	FEE/TLE	54	---	54	490
13	JAMES J. & CAROL DIBBELL	FEE/TLE	183	---	183	672

OWNERS NAMES SHOW FOR REFERENCE PURPOSED ONLY AND SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BAYFIELD COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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 THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SUPERIOR.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2

GN

0 30 60
SCALE, FEET

MONUMENT TABLE					
POINT NAME	STATION	OFFSET	Y COORDS	X COORDS	DESCRIPTION
1172	22+80.12	33.95' RT	487786.601	811067.295	1" IRON PIPE
1173	23+79.94	33.95' RT	487785.043	811167.109	1" IRON PIPE
1175	25+29.72	33.84' RT	487782.813	811316.869	1" IRON PIPE
1176	24+79.82	33.91' RT	487783.522	811266.968	1" IRON PIPE

SEH
10 N BRIDGE ST
CHIPPEWA FALLS WI 54729

I, JASON L CANCE 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 WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: DATE: 4-26-2022
PRINT NAME: JASON L CANCE
REGISTRATION NUMBER: S-2688

WISCONSIN JASON L. CANCE S-2688 CHIPPEWA FALLS WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE DEPARTMENT OF TRANSPORTATION NORTHWEST REGION

SIGNATURE: DATE: 5/23/2022
PRINT NAME: HEATHER DRESEL

FILE NAME : X:\UZ\WI\WITNW\157651\5-FINAL-DSGN\C3D\81600005\RW\81600075_TPP.DWG
PLOT DATE : 4/26/2022 12:05 PM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1IN : 30FT
APPRAISAL PLAT DATE : 4/20/2022

TRANSPORTATION PROJECT PLAT NO: 8160-00-25 - 4.02

THAT PART OF LOTS 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, & 24, BLOCK 5 AND PART OF LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, & 12, BLOCK 8, ALL IN NEILL AND PRATT'S ADDITION, LOCATED IN THE FRACTIONAL NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 6, TOWNSHIP 48 NORTH, RANGE 4 WEST, CITY OF WASHBURN, BAYFIELD COUNTY, WISCONSIN.

RELOCATION ORDER STH 13 C WASHBURN, BAYFIELD ST (THOMPSON CREEK TO WASHINGTON AVE) BAYFIELD 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 PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

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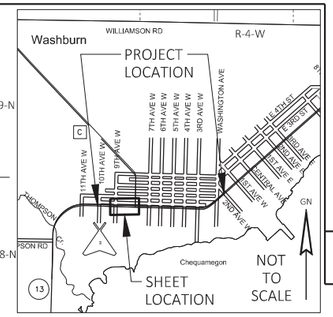
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

SCHEDULE OF LANDS AND INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	RW/NEW (SF)	RW/EXIST (SF)	RW/TOTAL (SF)	TLE (SF)
16	ROBERT W. LUNDE	FEE & TLE	114	---	114	1355
18	SETH A. & ANGELA	TLE	---	---	---	507
19	JAMES D. KARICH	TLE	---	---	---	506
21	NATHAN L. KRAUSE	TLE	---	---	---	762
22	SCOTT J. KLUVER	TLE	---	---	---	1946
23	BARBARA S. ODELL	FEE & TLE	130	---	130	1162
24	JOYCE E. POPPE	FEE & TLE	98	---	98	456
26	JOHN W. L. REED	TLE	---	---	---	486
27	BRANDICE J. BURNS	TLE	---	---	---	366
28	ADAM LESAK JR	TLE	---	---	---	709
29	DAVE & BETH NICKELS	FEE & TLE	80	---	80	1271

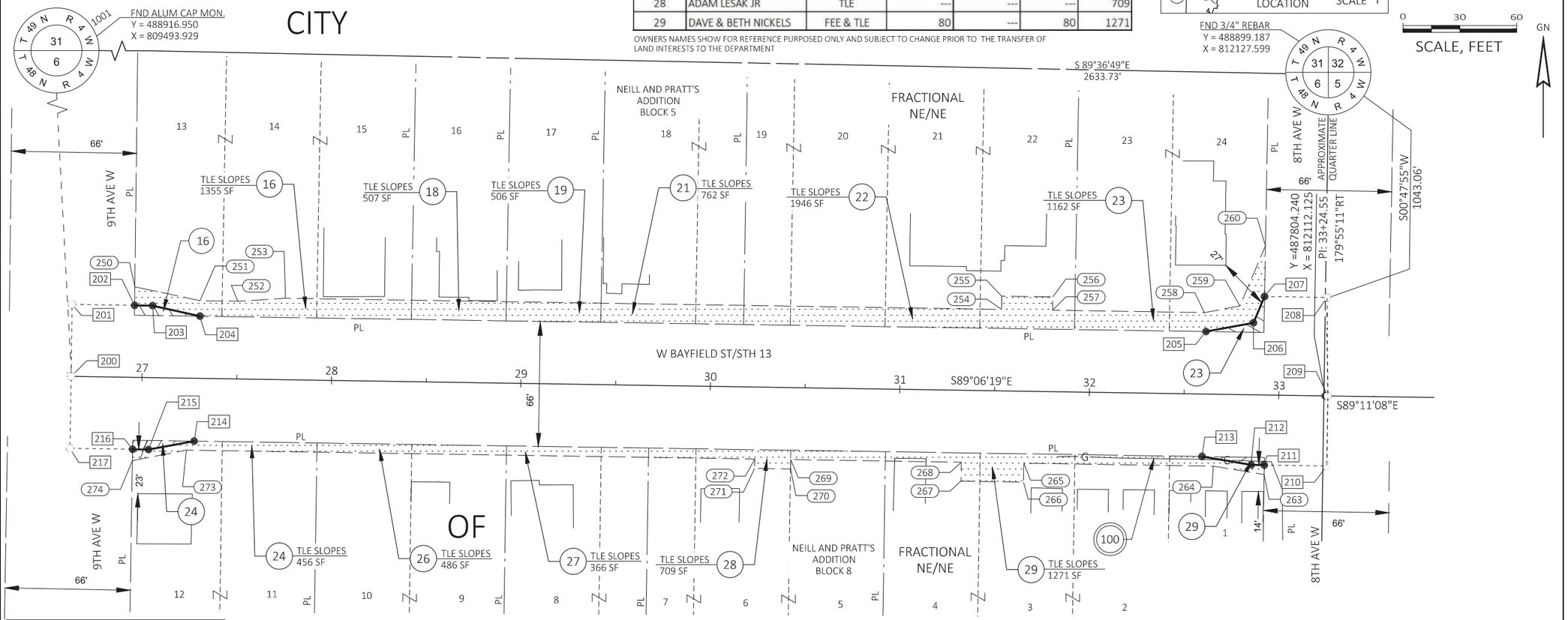
OWNERS NAMES SHOW FOR REFERENCE PURPOSED ONLY AND SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT



2022R-595413
DANIEL J. HEFFNER
BAYFIELD COUNTY, WI
REGISTER OF DEEDS
07/08/2022 02:59PM
TF EXEMPT #:
PLAT FEE: 25.00
PAGES: 1

Vol. 1 TPP Pg 40

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8160-00-25 - 4.02
AMENDMENT NO:___



HISTORICAL BASIS OF R/W	
NEILL AND PRATT'S ADDITION VOL 1, PG 11	1/26/1916

FEE STATION & OFFSET TABLE			FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
200	26+62.60	0.00' LT	210	33+25.86	37.00' RT
201	26+62.48	38.00' LT	211	32+92.91	37.00' RT
202	26+95.48	38.00' LT	212	32+86.00	37.00' RT
203	27+05.00	38.00' LT	213	32+60.00	33.01' RT
204	27+30.00	32.82' LT	214	27+28.00	33.18' RT
205	32+61.00	32.99' LT	215	27+04.00	38.00' RT
206	32+86.00	38.00' LT	216	26+95.60	38.00' RT
207	32+91.67	52.00' LT	217	26+62.60	38.00' RT
208	33+24.74	52.00' LT			
209	33+25.90	0.00' RT			

TLE POINT TABLE			TLE POINT TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
250	26+95.45	47.81' LT	264	32+66.00	38.00' RT
251	27+30.00	41.00' LT	265	31+66.00	38.00' RT
252	27+50.00	41.00' LT	266	31+66.00	48.00' RT
253	27+75.00	43.00' LT	267	31+33.00	48.00' RT
254	31+53.00	43.00' LT	268	31+33.00	38.00' RT
255	31+53.00	50.00' LT	269	30+43.00	38.00' RT
256	31+80.00	50.00' LT	270	30+43.00	43.00' RT
257	31+80.00	43.00' LT	271	30+24.00	43.00' RT
258	32+60.06	43.00' LT	272	30+24.00	38.00' RT
259	32+78.75	46.75' LT	273	27+24.00	38.00' RT
260	32+91.73	78.81' LT	274	26+95.60	44.00' RT
263	32+92.92	42.00' RT			

POINT	COURSE	DISTANCE
1001 - 200	S60° 35' 57"E	2245.55'
200 - 201	N00° 42' 17"E	38.00'
201 - 202	S89° 06' 19"E	33.00'
202 - 203	S89° 06' 19"E	9.52'
203 - 204	S77° 23' 47"E	25.53'
204 - 205	S89° 07' 26"E	531.00'
205 - 206	N79° 33' 47"E	25.50'
206 - 207	N22° 56' 01"E	15.10'
207 - 208	S89° 06' 21"E	33.00'
208 - 209	S00° 27' 28"E	52.01'
209 - 210	S00° 51' 51"W	37.00'
210 - 211	N89° 06' 31"W	33.00'
211 - 212	N89° 06' 19"W	6.92'
212 - 213	N80° 22' 52"W	26.30'
213 - 214	N89° 07' 26"W	532.00'
214 - 215	S79° 32' 36"W	24.48'
215 - 216	N89° 06' 19"W	8.40'
216 - 217	N89° 06' 19"W	33.00'
217 - 200	N00° 54' 11"E	38.00'

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL(S)	RECORDING INFORMATION	UTILITY NAME
100	29	NO RECORDED EASEMENT	XCEL ENERGY

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
100	XCEL ENERGY (GAS)	RELEASE OF RIGHTS

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BAYFIELD COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SUPERIOR.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN VOLUME 1 OF TRANSPORTATION PROJECT PLATS, PAGE 39, AS DOCUMENT 2022R-594766 FOR ADDITIONAL INFORMATION.

SEH
10 N BRIDGE ST
CHIPPEWA FALLS WI 54729

I, JASON L CANCE 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 WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: DATE: 6-8-2022
PRINT NAME: JASON L CANCE
REGISTRATION NUMBER: S-2688

WISCONSIN JASON L CANCE S-2688 CHIPPEWA FALLS WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE DEPARTMENT OF TRANSPORTATION NORTHWEST REGION

SIGNATURE: DATE: 6-20-2022
PRINT NAME: HEATHER DRESEL

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\RW\81600075_TPP.DWG
APPRAISAL PLAT DATE : 4/20/2022
PLOT DATE : 6/2/2022 8:03 PM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1IN : 30FT

TRANSPORTATION PROJECT PLAT NO: 8160-00-25 - 4.03

THAT PART OF LOTS 1, 2, 3, 4, 5, 6, 7, 8, & 9, BLOCK 5 AND PART OF LOTS 5, 6, 7, 8, 9, 10, 11, 12, & 13, BLOCK 6, AND PART OF LOTS 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, & 24, BLOCK 11, AND PART OF LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, & 16, BLOCK 12, ALL IN ORIGINAL PLAT OF WASHBURN, LOCATED IN THE FRACTIONAL NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 5, TOWNSHIP 48 NORTH, RANGE 4 WEST, CITY OF WASHBURN, BAYFIELD COUNTY, WISCONSIN.

RELOCATION ORDER STH 13 C WASHBURN, BAYFIELD ST (THOMPSON CREEK TO WASHINGTON AVE) BAYFIELD 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 PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 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 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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

TLE POINT TABLE			TLE POINT TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
350	33+57.73	50.00' LT	365	38+71.00	43.00' RT
351	33+90.98	43.00' LT	366	38+71.00	38.00' RT
352	35+83.60	43.00' LT	367	37+25.00	38.00' RT
353	36+49.61	38.00' LT	368	37+25.00	43.00' RT
354	37+40.00	38.00' LT	369	36+50.30	43.00' RT
355	37+40.00	43.00' LT	370	35+84.30	43.00' RT
356	38+68.00	43.00' LT	371	35+58.00	38.00' RT
357	38+68.00	49.18' LT	372	33+85.00	38.00' RT
358	38+98.00	49.00' LT	373	33+58.86	42.00' RT
359	38+98.00	38.00' LT	374	39+53.00	43.00' LT
360	39+53.00	38.00' LT	375	40+49.58	43.00' LT
361	40+49.70	41.00' RT	376	35+31.70	38.00' RT
362	40+29.00	38.00' RT	377	35+31.73	33.03' RT
363	39+25.00	38.00' RT	378	35+06.65	33.03' RT
364	39+25.00	43.00' RT	379	35+06.70	38.00' RT

FEE STATION & OFFSET TABLE			FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
300	33+25.05	38.00' LT	315	36+81.00	33.02' RT
301	33+57.69	38.00' LT	316	36+56.00	38.00' RT
302	33+65.00	38.00' LT	317	36+50.30	38.00' RT
303	33+90.00	33.00' LT	318	35+84.30	38.00' RT
304	35+83.62	32.96' LT	319	35+78.00	38.00' RT
305	36+49.62	32.99' LT	320	35+53.00	33.03' RT
306	40+20.00	35.00' LT	321	33+92.00	33.00' RT
307	40+41.00	39.00' LT	322	33+65.00	37.00' RT
308	40+49.57	39.00' LT	323	33+58.86	37.00' RT
309	40+82.57	39.00' LT	324	33+25.86	37.00' RT
310	40+82.81	0.00' LT	325	33+25.90	0.00' RT
311	40+82.71	36.00' RT	326	38+20.00	32.97' LT
312	40+49.71	36.00' RT	327	38+32.00	34.00' LT
313	40+36.00	36.00' RT			
314	40+24.00	33.06' RT			

POINT	COURSE	DISTANCE
1003 - 300	S00° 46' 55"W	1057.06'
300 - 301	S89° 11' 08"E	32.64'
301 - 302	S89° 11' 08"E	7.31'
302 - 303	S77° 52' 12"E	25.50'
303 - 304	S89° 10' 28"E	193.62'
304 - 305	S89° 12' 27"E	66.00'
305 - 326	S89° 10' 45"E	170.38'
326 - 327	N85° 53' 28"E	12.04'
327 - 306	S89° 29' 25"E	188.00'
306 - 307	N80° 01' 49"E	21.38'
307 - 308	S89° 11' 08"E	8.57'
308 - 309	S89° 11' 08"E	33.00'
309 - 310	S00° 28' 11"W	39.00'
310 - 311	S00° 57' 58"W	36.00'
311 - 312	N89° 11' 08"W	33.00'
312 - 313	N89° 11' 08"W	13.71'
313 - 314	N75° 24' 10"W	12.36'
314 - 315	N89° 10' 45"W	343.00'
315 - 316	S79° 32' 41"W	25.49'
316 - 317	N89° 11' 07"W	5.70'
317 - 318	N89° 11' 09"W	66.01'
318 - 319	N89° 11' 03"W	6.29'
319 - 320	N77° 57' 03"W	25.49'
320 - 321	N89° 10' 28"W	161.00'
321 - 322	S82° 23' 37"W	27.29'
322 - 323	N89° 11' 09"W	6.14'
323 - 324	N89° 11' 08"W	33.00'
324 - 325	N00° 51' 51"E	37.00'
325 - 300	N00° 27' 28"W	38.01'

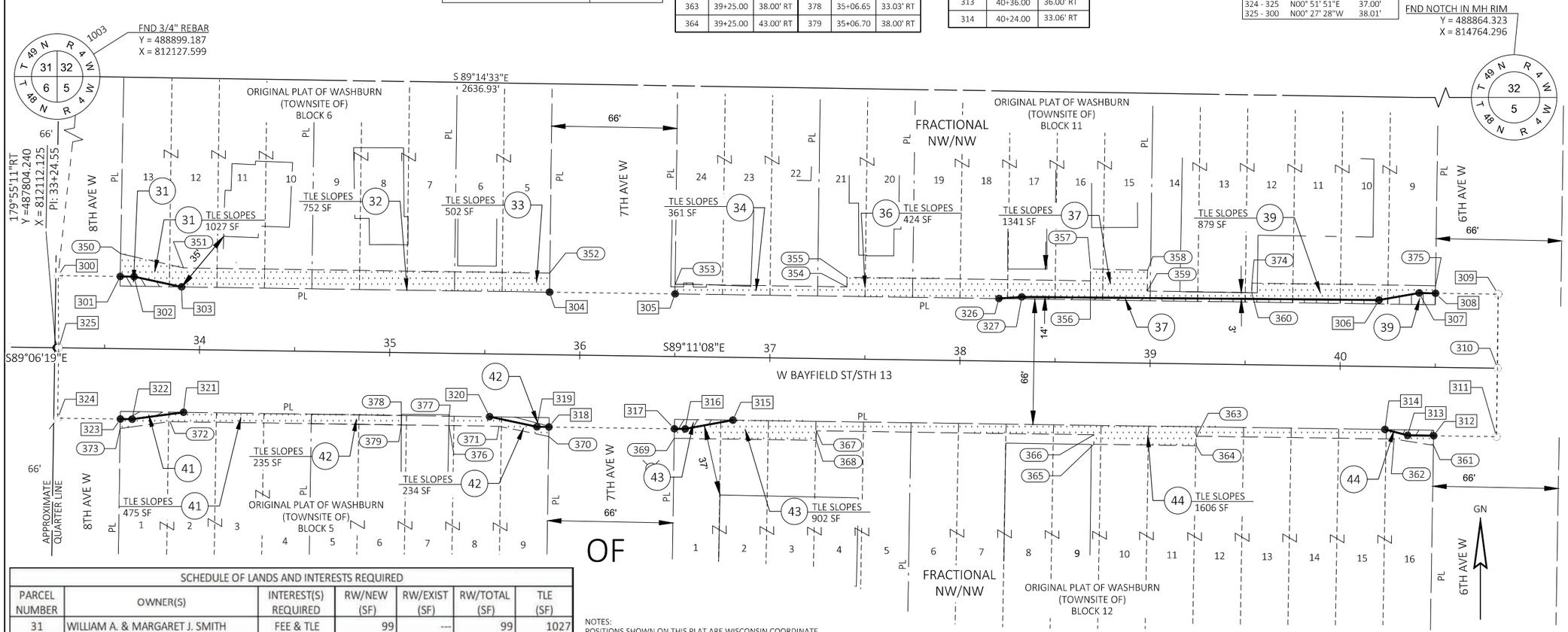
2022R-595414
DANIEL J. HEFFNER
BAYFIELD COUNTY, WI
REGISTER OF DEEDS
07/08/2022 02:59PM
IT EXEMPT #:
PLAT FEE: 25.00
PAGES: 1

Vol. 1 TPP Pg. 41

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8160-00-25 - 4.03
AMENDMENT NO:__

HISTORICAL BASIS OF R/W	
ORIGINAL PLAT OF WASHBURN	10/4/1883

CITY



SCHEDULE OF LANDS AND INTERESTS REQUIRED						
PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	RW/NEW (SF)	RW/EXIST (SF)	RW/TOTAL (SF)	TLE (SF)
31	WILLIAM A. & MARGARET J. SMITH	FEE & TLE	99	---	99	1027
32	DOROTHY M. DOUCETTE	TLE	---	---	---	752
33	MICHELLE ALEXY	TLE	---	---	---	502
34	JOHN R. HOPKINS	TLE	---	---	---	361
36	CAROL L. MAKI	TLE	---	---	---	424
37	DANIEL MAKI, VENDOR NICOLE D. MAKI, VENDEE	FEE & TLE	89	---	89	1341
39	WILLIAM B. & KATHERINE J. LUCKENBILL	FEE & TLE	346	---	346	879
41	ROY M. BAINBRIDGE	FEE & TLE	79	---	79	475
42	LEAH L. HYDE-RONEY	FEE & TLE	93	---	93	469
43	JAY PRINGLE & LINDA PRINGLE VENDOR WHITING VENTURES LLC VENDEE	FEE & TLE	91	---	91	902
44	INDIANHEAD OIL CO. LLC.	FEE & TLE	58	---	58	1606

OWNERS NAMES SHOW FOR REFERENCE PURPOSED ONLY AND SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

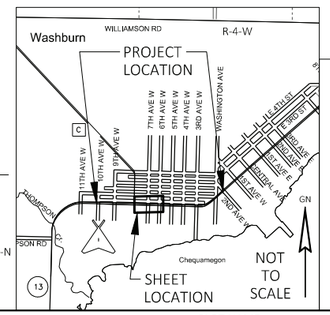
NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BAYFIELD COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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 THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SUPERIOR.

ANY AREA CURRENTLY OCCUPIED BY A BUILDING IS EXCEPTED FROM TLE ON THIS TRANSPORTATION PROJECT PLAT.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN VOLUME 1 OF TRANSPORTATION PROJECT PLATS, PAGE 39, AS DOCUMENT 2022R-594766 FOR ADDITIONAL INFORMATION.



SEH
10 N BRIDGE ST
CHIPPEWA FALLS WI 54729

I, JASON L CANCE 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 WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 6-22-2022
PRINT NAME: JASON L CANCE
REGISTRATION NUMBER: S-2688

WISCONSIN JASON L. CANCE S-2688 CHIPPEWA FALLS WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE DEPARTMENT OF TRANSPORTATION NORTHWEST REGION

SIGNATURE: _____ DATE: 6-22-2022
PRINT NAME: HEATHER DRESEL

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\RW\81600075_TPP.DWG
PLOT DATE : 6/22/2022 7:42 AM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1IN : 30FT
APPRAISAL PLAT DATE : 4/20/2022

8160-00-25 4.03

TRANSPORTATION PROJECT PLAT NO: 8160-00-25 - 4.04

THAT PART OF LOTS 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, & 16, BLOCK 21, PART OF LOTS 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, & 24, BLOCK 22, PART OF LOTS 22, 23, & 24, BLOCK 27, AND PART OF LOTS 1, 2, & 3, BLOCK 28, ALL IN ORIGINAL PLAT OF WASHBURN, LOCATED IN THE FRACTIONAL NORTHWEST 1/4 OF THE NORTHWEST 1/4, ALSO THAT PART OF LOTS 13, 14, 15, 16, 17, 18, 19, 20, 21, & 22, BLOCK 27 AND THAT PART OF LOTS 3, 4, 5, 6, 7, 8, 9, 10, 11, & 12, BLOCK 28, ORIGINAL PLAT OF WASHBURN LOCATED IN THE FRACTIONAL NORTHEAST 1/4 OF THE NORTHWEST 1/4, ALL IN SECTION 5, TOWNSHIP 48 NORTH, RANGE 4 WEST, CITY OF WASHBURN, BAYFIELD COUNTY, WISCONSIN.

RELOCATION ORDER STH 13 C WASHBURN, BAYFIELD ST (THOMPSON CREEK TO WASHINGTON AVE) BAYFIELD 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 PROJECT.

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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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

SCHEDULE OF LANDS AND INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	RW/NEW (SF)	RW/EXIST (SF)	RW/TOTAL (SF)	TLE (SF)
46	COUNTRY BOY DETAILING LLC.	FEE & TLE	94	---	94	684
48	ROBERT J. & CYNDEE G. MARX	TLE	---	---	---	510
49	DANEIL T. & KRISTI M. DOMAN	TLE	---	---	---	380
51	NORTH COAST COFFEE LLC.	FEE & TLE	160	---	160	1166
52	GAIL L. BODIN	FEE & TLE	252	---	252	2099
53	LENNETTE J. HOSTETTER	FEE & TLE	132	---	132	446
54	HEIDI S. & LARRY J. KONTNY	FEE & TLE	62	---	62	200
56	SZOT SERVICES LLC., VENDOR JAMES SHAFSTALL, VENDEE	FEE & TLE	51	---	51	171
57	CRASH AND BURN LLC.	TLE	---	---	---	179
58	CITY OF WASHBURN	FEE & TLE	87	---	87	1672
59	HARBOR STATION LLC.	FEE & TLE	81	---	81	678
61	JOHN R. HOPKINS	TLE	---	---	---	685

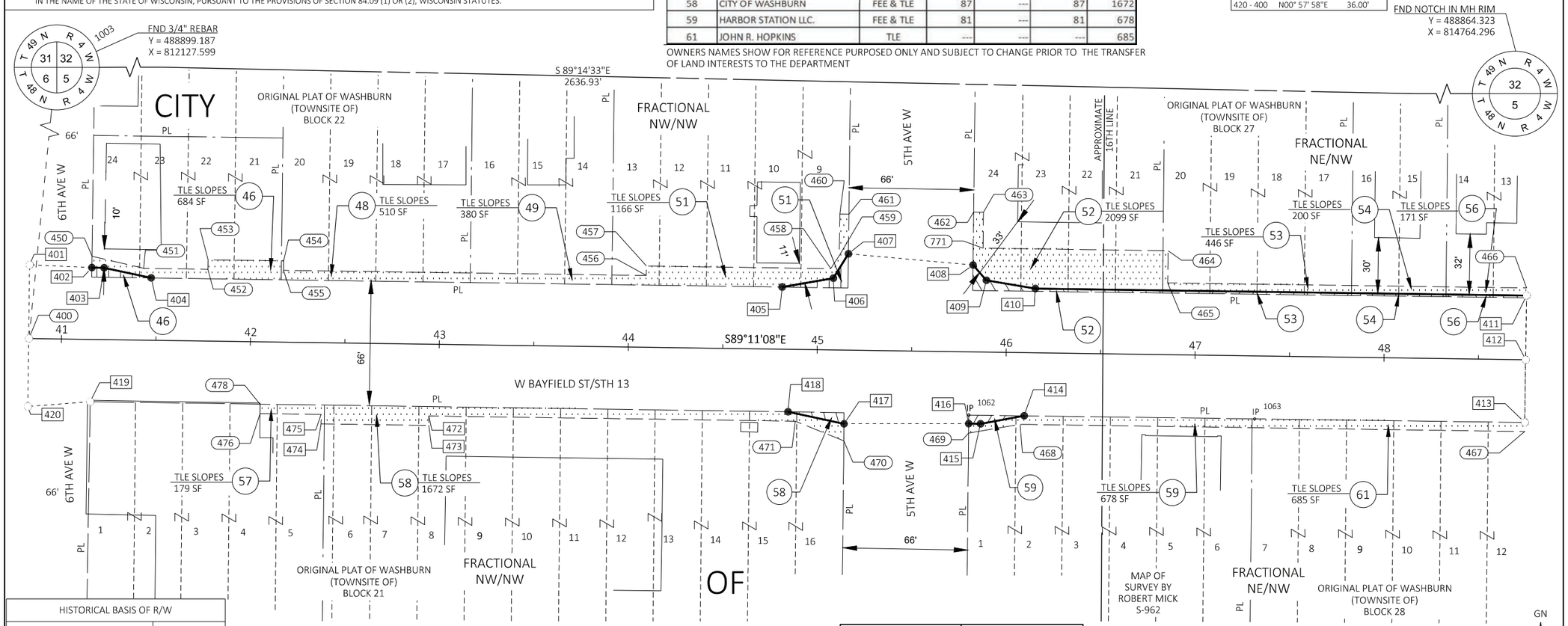
OWNERS NAMES SHOW FOR REFERENCE PURPOSED ONLY AND SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

POINT	COURSE	DISTANCE
1003 - 400	S33° 53' 21"E	1332.01'
400 - 401	N00° 28' 11"E	39.00'
401 - 402	S87° 26' 59"E	33.02'
402 - 403	S89° 11' 08"E	6.43'
403 - 404	S77° 52' 51"E	25.49'
404 - 405	S89° 09' 59"E	334.00'
405 - 406	N80° 05' 52"E	27.48'
406 - 407	N31° 50' 50"E	15.17'
407 - 408	S84° 51' 14"E	66.20'
408 - 409	S41° 02' 28"E	10.74'
409 - 410	S80° 26' 22"E	26.31'
410 - 411	S89° 11' 08"E	260.00'
411 - 412	S00° 48' 52"W	34.00'
412 - 413	S00° 48' 52"W	33.18'
413 - 414	N89° 14' 30"W	265.00'
414 - 415	S79° 36' 22"W	23.45'
415 - 416	N89° 11' 08"W	6.26'
416 - 417	S89° 56' 47"W	66.00'
417 - 418	N77° 59' 17"W	30.32'
418 - 419	N89° 09' 59"W	369.28'
419 - 420	S85° 35' 57"W	33.15'
420 - 400	N00° 57' 58"E	36.00'

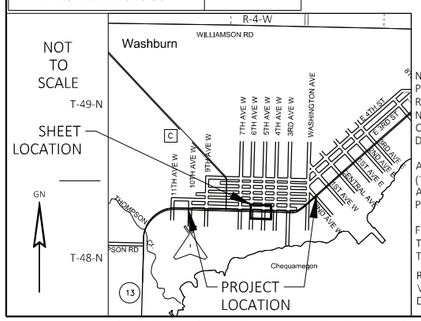
2022R-595415
DANIEL J. HEFFNER
BAYFIELD COUNTY, WI
REGISTER OF DEEDS
07/08/2022 02:59PM
TF EXEMPT #:
PLAT FEE: 25.00
PAGES: 1

Vol. 1 TPP Pg. 42

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8160-00-25 - 4.04
AMENDMENT NO:__



HISTORICAL BASIS OF R/W	
ORIGINAL PLAT OF WASHBURN	10/4/1883
MAP OF SURVEY BY ROBERT MICK S-962	4/23/1987



MONUMENT TABLE			
POINT NAME	Y COORDS	X COORDS	DESCRIPTION
1062	487752.917	813367.644	3/4" REBAR
1063	487750.914	813518.964	3/4" REBAR

NOTES:
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FEE STATION & OFFSET TABLE			FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
400	40+82.81	0.00' LT	412	48+75.00	0.00' RT
401	40+82.57	39.00' LT	413	48+75.00	33.18' RT
402	41+15.57	38.00' LT	414	46+10.00	33.44' RT
403	41+22.00	38.00' LT	415	45+87.00	38.00' RT
404	41+47.00	33.00' LT	416	45+80.75	38.00' RT
405	44+81.00	32.89' LT	417	45+14.75	39.00' RT
406	45+08.00	38.00' LT	418	44+85.00	33.11' RT
407	45+15.82	51.00' LT	419	41+15.72	32.99' RT
408	45+81.83	46.00' LT	420	40+82.71	36.00' RT
409	45+89.00	38.00' LT			
410	46+15.00	34.00' LT			
411	48+75.00	34.00' LT			

TLE POINT TABLE			TLE POINT TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
450	41+15.57	44.00' LT	465	46+85.00	38.00' LT
451	41+43.00	38.00' LT	466	48+75.00	38.00' LT
452	41+77.00	38.00' LT	467	48+75.00	38.00' RT
453	41+77.00	43.00' LT	468	46+08.00	38.00' RT
454	42+17.00	43.00' LT	469	45+80.76	43.00' RT
455	42+17.00	38.00' LT	470	45+14.78	48.00' RT
456	44+09.00	38.00' LT	471	44+89.00	38.00' RT
457	44+09.00	43.00' LT	472	42+95.00	38.00' RT
458	45+06.58	43.00' LT	473	42+95.00	43.00' RT
459	45+11.00	50.00' LT	474	42+38.00	43.00' RT
460	45+11.00	72.00' LT	475	42+38.00	38.00' RT
461	45+15.77	72.00' LT	476	42+05.63	38.00' RT
462	45+81.77	74.00' LT	478	42+05.60	33.02' RT
463	45+87.00	74.00' LT	771	45+87.00	55.00' LT
464	46+85.00	55.00' LT			

SEH
10 N BRIDGE ST
CHIPPEWA FALLS WI 54729

I, JASON L CANCE 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 WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 6-22-2022
PRINT NAME: JASON L CANCE
REGISTRATION NUMBER: S-2688

WISCONSIN JASON L. CANCE S-2688 CHIPPEWA FALLS WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE DEPARTMENT OF TRANSPORTATION NORTHWEST REGION

SIGNATURE: _____ DATE: 6-22-2022
PRINT NAME: HEATHER DRESEL

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\RW\81600075_TPP.DWG
PLOT DATE : 6/22/2022 7:45 AM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1IN : 30FT
APPRAISAL PLAT DATE : 4/20/2022

8160-00-25 4.04

TRANSPORTATION PROJECT PLAT NO: 8160-00-25 - 4.05

THAT PART OF LOTS 9, 10, 11, 12, & 13, BLOCK 27 AND PART OF LOTS 12, 13, 14, 15, & 16, BLOCK 28, AND PART OF LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, & 16, BLOCK 35, AND PART OF LOTS 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, & 32, BLOCK 36, AND PART OF LOTS 27, 28, 29, 30, 31, & 32, BLOCK 41, AND PART OF LOTS 1, 2, 3, 4, 5, 6 & 7, BLOCK 49, ALL IN ORIGINAL PLAT OF WASHBURN, LOCATED IN THE FRACTIONAL NORTHEAST 1/4 OF THE NORTHWEST 1/4, SECTION 5, TOWNSHIP 48 NORTH, RANGE 4 WEST, CITY OF WASHBURN, BAYFIELD COUNTY, WISCONSIN.

RELOCATION ORDER STH 13 C WASHBURN, BAYFIELD ST (THOMPSON CREEK TO WASHINGTON AVE) BAYFIELD 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 PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 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 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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FEE STATION & OFFSET TABLE			FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
500	48+75.00	0.00' RT	514	56+69.41	33.79' LT
501	48+75.00	34.00' LT	515	56+63.62	0.00' RT
502	49+50.00	34.00' LT	516	56+58.48	36.82' RT
503	49+75.00	38.00' LT	517	55+13.96	33.00' RT
504	49+82.25	52.00' LT	518	54+47.96	33.12' RT
505	50+48.31	38.00' LT	519	50+81.00	33.22' RT
506	50+54.84	38.00' LT	520	50+57.00	38.00' RT
507	50+54.72	33.50' LT	521	50+46.75	38.00' RT
509	54+42.00	33.50' LT	522	49+80.75	38.00' RT
510	54+48.13	45.00' LT	523	49+75.00	38.00' RT
511	55+13.74	33.00' LT	524	49+51.00	33.11' RT
512	56+00.00	32.96' LT	525	48+75.00	33.18' RT
513	56+62.44	33.79' LT			

TLE POINT TABLE			TLE POINT TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
550	48+75.00	38.00' LT	566	56+70.03	37.00' LT
551	48+83.00	38.00' LT	567	56+57.84	42.00' RT
552	48+83.00	48.00' LT	568	55+13.96	48.00' RT
553	49+70.00	48.00' LT	569	54+47.96	38.00' RT
554	49+82.22	61.00' LT	570	50+77.00	38.00' RT
555	50+48.24	55.00' LT	571	50+46.77	44.00' RT
556	50+53.00	55.00' LT	572	49+80.77	43.00' RT
557	50+53.00	43.00' LT	573	49+20.00	43.00' RT
558	51+75.00	43.00' LT	574	49+20.00	38.00' RT
559	51+75.00	38.00' LT	575	48+75.00	38.00' RT
560	53+75.00	38.00' LT	576	54+41.00	41.00' LT
561	53+75.00	41.00' LT	577	55+38.00	38.00' RT
562	54+48.12	54.00' LT	578	50+54.98	43.00' LT
563	55+13.73	38.00' LT	580	50+87.12	43.00' LT
564	56+13.00	38.00' LT	581	50+86.91	34.15' LT
565	56+59.00	38.00' LT	582	50+54.74	34.11' LT

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BAYFIELD COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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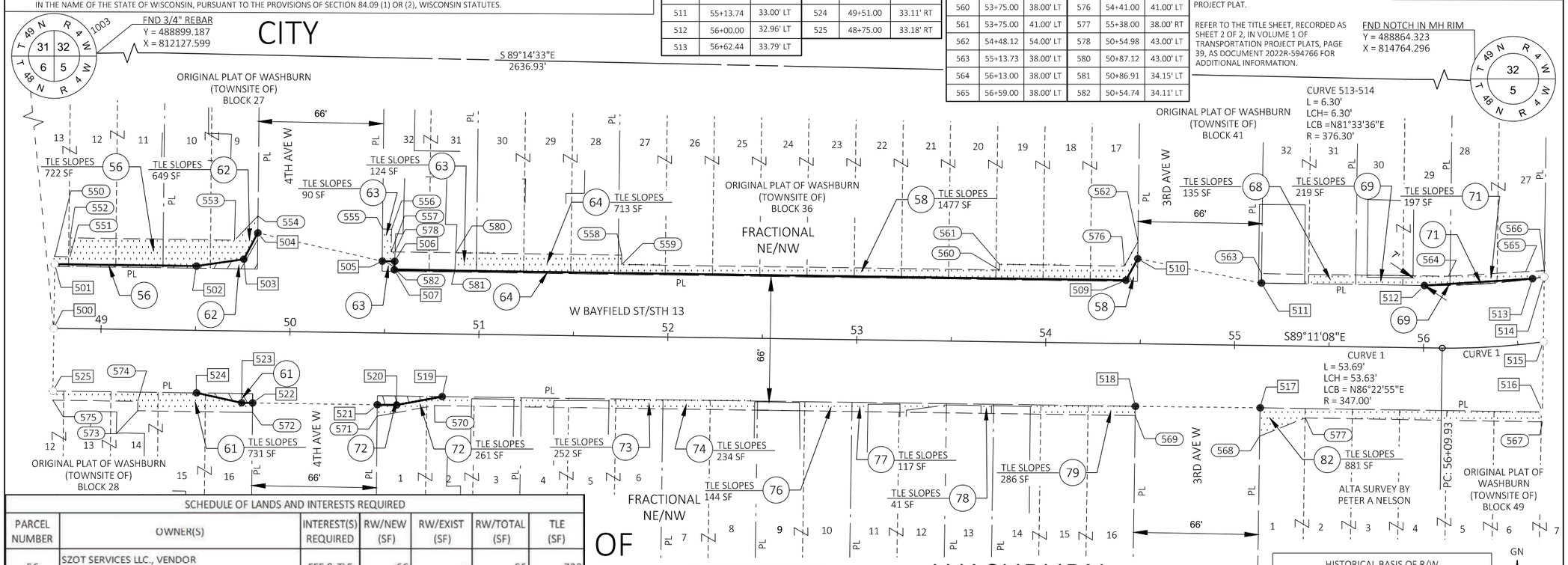
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN VOLUME 1 OF TRANSPORTATION PROJECT PLATS, PAGE 39, AS DOCUMENT 2022R-594766 FOR ADDITIONAL INFORMATION.

2022R-595416
DANIEL J. HEFFNER
BAYFIELD COUNTY, WI
REGISTER OF DEEDS
07/06/2022 02:59PM
TF EXEMPT #:
PLAT FEE: 25.00
PAGES: 1

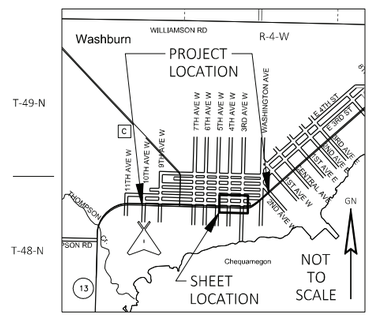
Vol. 1 TPP Pg. 43

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8160-00-25 - 4.05
AMENDMENT NO:__



SCHEDULE OF LANDS AND INTERESTS REQUIRED						
PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	RW/NEW (SF)	RW/EXIST (SF)	RW/TOTAL (SF)	TLE (SF)
56	SZOT SERVICES LLC., VENDOR JAMES SHAFSTALL, VENDEE	FEE & TLE	66	---	66	722
58	CITY OF WASHBURN	FEE & TLE	217	---	217	1477
61	JOHN R. HOPKINS	FEE & TLE	87	---	87	731
62	ROGER W. SOLBERG	FEE & TLE	186	---	186	649
63	DOUGLAS N. AMENT	FEE & TLE	65	---	65	214
64	KATHERINE U. MARTIN & ROSEMARY A MARTIN	FEE & TLE	53	---	53	713
68	ROY C. SETTGAS	TLE	---	---	---	135
69	MARK W. & SARAH L. KILTY	FEE & TLE	6	---	6	219
71	LARRY G. & JENNIFER A. ZIENTY d/b/a WASHBURN DAIRY QUEEN	FEE & TLE	36	---	36	197
72	GEORGE W. ENGLEHARD & BARBRA H. ENGELHARD	FEE & TLE	106	---	106	261
73	BAYSHORE PROPERTY MANAGEMENT LLC.	TLE	---	---	---	252
74	SHIRLEY & WILLIAM ARNTSEN AND JOYCE & JACOB BEEKSMA	TLE	---	---	---	234
76	RONALD V. PIERCY	TLE	---	---	---	144
77	DALE HANSON	TLE	---	---	---	117
78	DANIEL T. & KRISTI M. DOMAN	TLE	---	---	---	41
79	CALLAE K. HYDE	TLE	---	---	---	286
82	KENG ENTERPRISE LLC.	TLE	---	---	---	881

OWNERS NAMES SHOW FOR REFERENCE PURPOSED ONLY AND SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT



POINT	COURSE	DISTANCE
1003 - 500	S53° 57' 16"E	1898.25'
500 - 501	N00° 48' 52"E	34.00'
501 - 502	S89° 11' 08"E	75.00'
502 - 503	N81° 43' 27"E	25.32'
503 - 504	N28° 11' 47"E	15.77'
504 - 505	S77° 13' 08"E	67.52'
505 - 506	S89° 11' 08"E	6.53'
506 - 507	S02° 19' 50"W	4.50'
507 - 509	S89° 11' 08"E	387.28'
509 - 510	N28° 53' 32"E	13.03'
510 - 511	S78° 49' 23"E	66.69'
511 - 512	S89° 09' 22"E	86.26'
512 - 513	N86° 24' 25"E	57.31'
513 - 514	SEE CURVE DATA	
514 - 515	S00° 44' 12"W	34.23'
515 - 516	S00° 44' 12"W	37.22'
516 - 517	N89° 09' 22"W	149.49'
517 - 518	N89° 17' 35"W	66.00'
518 - 519	N89° 12' 06"W	366.96'
519 - 520	S79° 33' 31"W	24.47'
520 - 521	N89° 11' 08"W	10.25'
521 - 522	N89° 11' 08"W	66.00'
522 - 523	N89° 11' 08"W	5.75'
523 - 524	N77° 39' 58"W	24.49'
524 - 525	N89° 14' 30"W	76.00'
525 - 500	N00° 48' 52"E	33.18'

PI STA = 57+16.13
Y = 487770.245
X = 814503.469
DELTA = 34°02'00" LT
D = 16°30'42"
T = 106.20'
L = 206.12'
R = 347.00'
PC STA = 56+09.93
PT STA = 58+16.05
DA = N56°46'52"E

HISTORICAL BASIS OF R/W	
ORIGINAL PLAT OF WASHBURN	10/4/1883
ALTA SURVEY BY PETER A NELSON	4/16/2018

GN

0 30 60
SCALE, FEET

SEH
10 N BRIDGE ST
CHIPPEWA FALLS WI 54729

I, JASON L CANCE 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 WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 6-22-2022
PRINT NAME: JASON L CANCE
REGISTRATION NUMBER: S-2688

WISCONSIN JASON L. CANCE S-2688 CHIPPEWA FALLS WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE DEPARTMENT OF TRANSPORTATION NORTHWEST REGION

SIGNATURE: _____ DATE: 6-22-2022
PRINT NAME: HEATHER DREGEL

FILE NAME : X:\UZ\WI\WITNW\157651\5-FINAL-DSGN\C3D\81600005\RW\81600075_TPP.DWG
PLOT DATE : 6/22/2022 7:52 AM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1IN : 30FT
APPRAISAL PLAT DATE : 4/20/2022

TRANSPORTATION PROJECT PLAT NO: 8160-00-25 - 4.06 AMENDMENT NO.1

AMENDS PARCELS 58 AND 96 OF TRANSPORTATION PROJECT PLAT NO: 8160-00-25-4.06 RECORDED AS DOCUMENT NO.2022R-595417

THAT PART OF LOTS 17, 18, 19, 20, 21 & 26, BLOCK 41 AND PART OF LOT 7, BLOCK 49, ALL IN ORIGINAL PLAT OF WASHBURN, LOCATED IN THE FRACTIONAL NORTHEAST 1/4 OF THE NORTHWEST 1/4, SECTION 5, AND PART OF LOTS 4, 5, 7, 11 & 12, BLOCK 45, AND PART OF BLOCK 46, ALL IN ORIGINAL PLAT OF WASHBURN, LOCATED IN THE FRACTIONAL NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 5, ALL IN TOWNSHIP 48 NORTH, RANGE 4 WEST, CITY OF WASHBURN, BAYFIELD COUNTY, WISCONSIN.

RELOCATION ORDER STH 13 C WASHBURN, BAYFIELD ST (THOMPSON CREEK TO WASHINGTON AVE) BAYFIELD 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 PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 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 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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

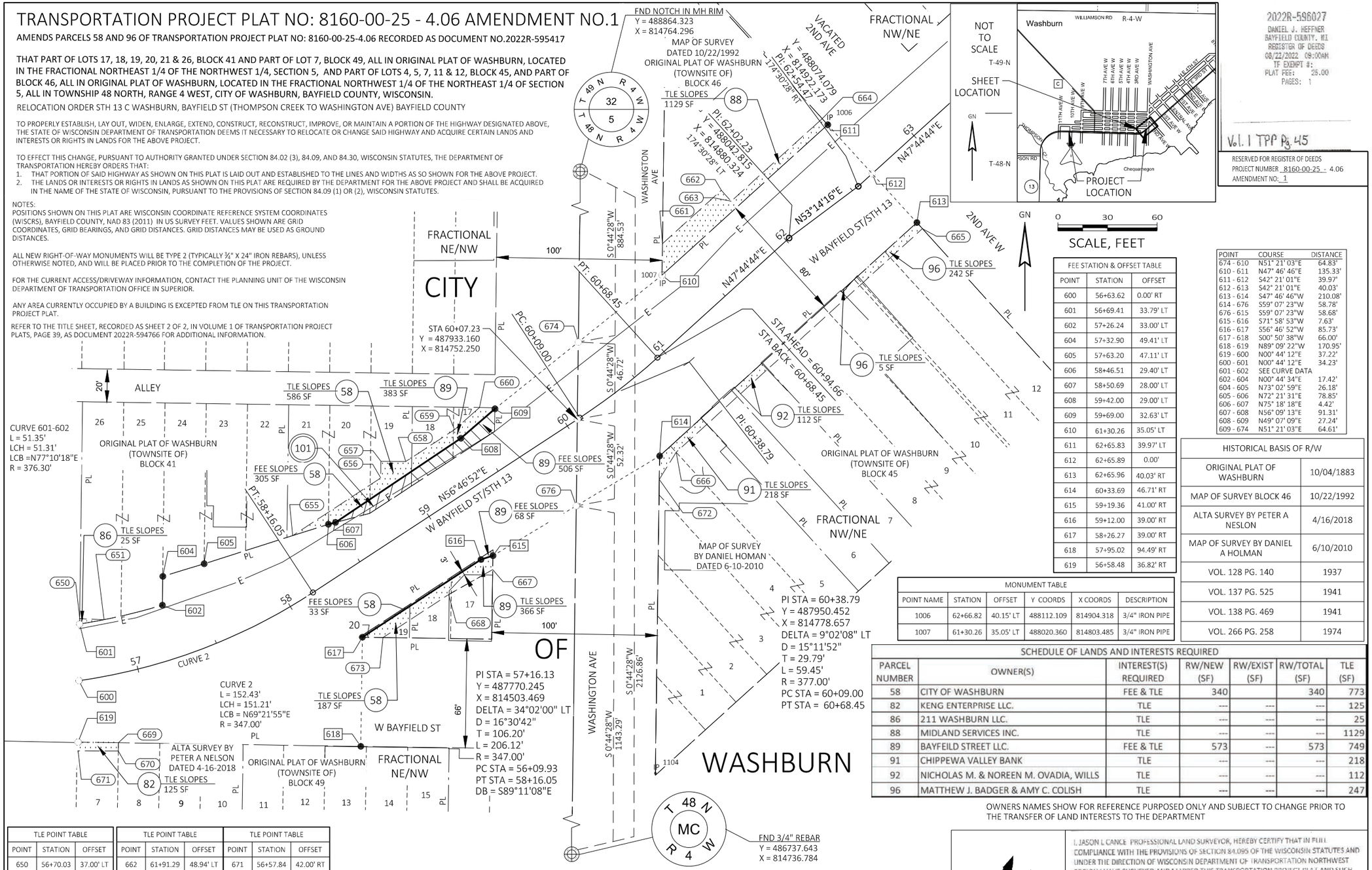
NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BAYFIELD COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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 THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SUPERIOR.

ANY AREA CURRENTLY OCCUPIED BY A BUILDING IS EXCEPTED FROM TLE ON THIS TRANSPORTATION PROJECT PLAT.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN VOLUME 1 OF TRANSPORTATION PROJECT PLATS, PAGE 39, AS DOCUMENT 2022R-594766 FOR ADDITIONAL INFORMATION.



2022R-596027
DANIEL J. HEFFNER
BAYFIELD COUNTY, WI
REGISTER OF DEEDS
08/22/2022 09:00AM
TF EXEMPT #:
PLAT FEE: 25.00
PAGES: 1

Vol. 1 TPP Pg 45

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8160-00-25 - 4.06
AMENDMENT NO: 1

0 30 60
SCALE, FEET

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
600	56+63.62	0.00' RT
601	56+69.41	33.79' LT
602	57+26.24	33.00' LT
604	57+32.90	49.41' LT
605	57+63.20	47.11' LT
606	58+46.51	29.40' LT
607	58+50.69	28.00' LT
608	59+42.00	29.00' LT
609	59+69.00	32.63' LT
610	61+30.26	35.05' LT
611	62+65.83	39.97' LT
612	62+65.89	0.00'
613	62+65.96	40.03' RT
614	60+33.69	46.71' RT
615	59+19.36	41.00' RT
616	59+12.00	39.00' RT
617	58+26.27	39.00' RT
618	57+95.02	94.49' RT
619	56+58.48	36.82' RT

POINT	COURSE	DISTANCE
674 - 610	N51° 21' 03"E	64.83'
610 - 611	N47° 46' 46"E	135.33'
611 - 612	S42° 21' 01"E	39.97'
612 - 613	S42° 21' 01"E	40.03'
613 - 614	S47° 46' 46"W	210.08'
614 - 676	S59° 07' 23"W	58.78'
676 - 615	S59° 07' 23"W	58.68'
615 - 616	S71° 58' 53"W	7.63'
616 - 617	S56° 46' 52"W	85.73'
617 - 618	S00° 50' 38"W	66.00'
618 - 619	N89° 09' 22"W	170.95'
619 - 600	N00° 44' 12"E	37.22'
600 - 601	N00° 44' 12"E	34.23'
601 - 602	SEE CURVE DATA	
602 - 604	N00° 44' 34"E	17.42'
604 - 605	N73° 02' 59"E	26.18'
605 - 606	N72° 21' 31"E	78.85'
606 - 607	N75° 18' 18"E	4.42'
607 - 608	N56° 09' 13"E	91.31'
608 - 609	N49° 07' 09"E	27.24'
609 - 674	N51° 21' 03"E	64.61'

HISTORICAL BASIS OF R/W	
ORIGINAL PLAT OF WASHBURN	10/04/1883
MAP OF SURVEY BLOCK 46	10/22/1992
ALTA SURVEY BY PETER A NESLON	4/16/2018
MAP OF SURVEY BY DANIEL A HOLMAN	6/10/2010
VOL. 128 PG. 140	1937
VOL. 137 PG. 525	1941
VOL. 138 PG. 469	1941
VOL. 266 PG. 258	1974

MONUMENT TABLE					
POINT NAME	STATION	OFFSET	Y COORDS	X COORDS	DESCRIPTION
1006	62+66.82	40.15' LT	488112.109	814904.318	3/4" IRON PIPE
1007	61+30.26	35.05' LT	488020.360	814803.485	3/4" IRON PIPE

SCHEDULE OF LANDS AND INTERESTS REQUIRED						
PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	RW/NEW (SF)	RW/EXIST (SF)	RW/TOTAL (SF)	TLE (SF)
58	CITY OF WASHBURN	FEE & TLE	340		340	773
82	KENG ENTERPRISE LLC.	TLE	---	---	---	125
86	211 WASHBURN LLC.	TLE	---	---	---	25
88	MIDLAND SERVICES INC.	TLE	---	---	---	1129
89	BAYFEILD STREET LLC.	FEE & TLE	573	---	573	749
91	CHIPPEWA VALLEY BANK	TLE	---	---	---	218
92	NICHOLAS M. & NOREEN M. OVADIA, WILLS	TLE	---	---	---	112
96	MATTHEW J. BADGER & AMY C. COLISH	TLE	---	---	---	247

OWNERS NAMES SHOW FOR REFERENCE PURPOSED ONLY AND SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

TLE POINT TABLE		
POINT	STATION	OFFSET
650	56+70.03	37.00' LT
651	56+86.00	33.70' LT
655	58+24.64	35.50' LT
656	58+88.36	35.50' LT
657	58+93.97	43.87' LT
658	59+06.47	35.50' LT
659	59+41.64	35.50' LT
660	59+61.67	38.39' LT
661	61+43.22	48.94' LT

TLE POINT TABLE		
POINT	STATION	OFFSET
662	61+91.29	48.94' LT
663	61+91.29	40.01' LT
664	62+65.83	44.97' LT
665	62+65.96	45.03' RT
666	60+41.94	51.09' RT
667	59+14.64	48.00' RT
668	58+84.00	46.00' RT
669	56+80.07	40.98' RT
670	56+79.18	45.88' RT

TLE POINT TABLE		
POINT	STATION	OFFSET
671	56+57.84	42.00' RT
672	60+26.17	58.00' RT
673	58+36.63	46.00' RT

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL(S)	RECORDING INFORMATION	UTILITY NAME
101	58,86 & 89	NO RECORDED EASEMENT	XCEL ENERGY

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
101	XCEL ENERGY (ELECTRIC)	RELEASE OF RIGHTS

SEH
10 N BRIDGE ST
CHIPPEWA FALLS WI 54729

I, JASON L CANCE 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 WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: DATE: 8-17-2022
PRINT NAME: JASON L CANCE
REGISTRATION NUMBER: S-2688

WISCONSIN JASON L CANCE S-2688 CHIPPEWA FALLS WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE DEPARTMENT OF TRANSPORTATION NORTHWEST REGION

SIGNATURE: DATE: 8-17-2022
PRINT NAME: HEATHER DRESEL

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\RW\81600075_TPP.DWG
PLOT DATE : 8/15/2022 3:48 PM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1IN : 30FT
APPRAISAL PLAT DATE : 4/20/2022

TRANSPORTATION PROJECT PLAT NO: 8160-00-25 - 4.06

THAT PART OF LOTS 17, 18, 19, 20, 21 & 26, BLOCK 41 AND PART OF LOT 7, BLOCK 49, ALL IN ORIGINAL PLAT OF WASHBURN, LOCATED IN THE FRACTIONAL NORTHEAST 1/4 OF THE NORTHWEST 1/4, SECTION 5, AND PART OF LOTS 4, 5, 7, 11 & 12, BLOCK 45, AND PART OF BLOCK 46, ALL IN ORIGINAL PLAT OF WASHBURN, LOCATED IN THE FRACTIONAL NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 5, ALL IN TOWNSHIP 48 NORTH, RANGE 4 WEST, CITY OF WASHBURN, BAYFIELD COUNTY, WISCONSIN.

RELOCATION ORDER STH 13 C WASHBURN, BAYFIELD ST (THOMPSON CREEK TO WASHINGTON AVE) BAYFIELD COUNTY

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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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:
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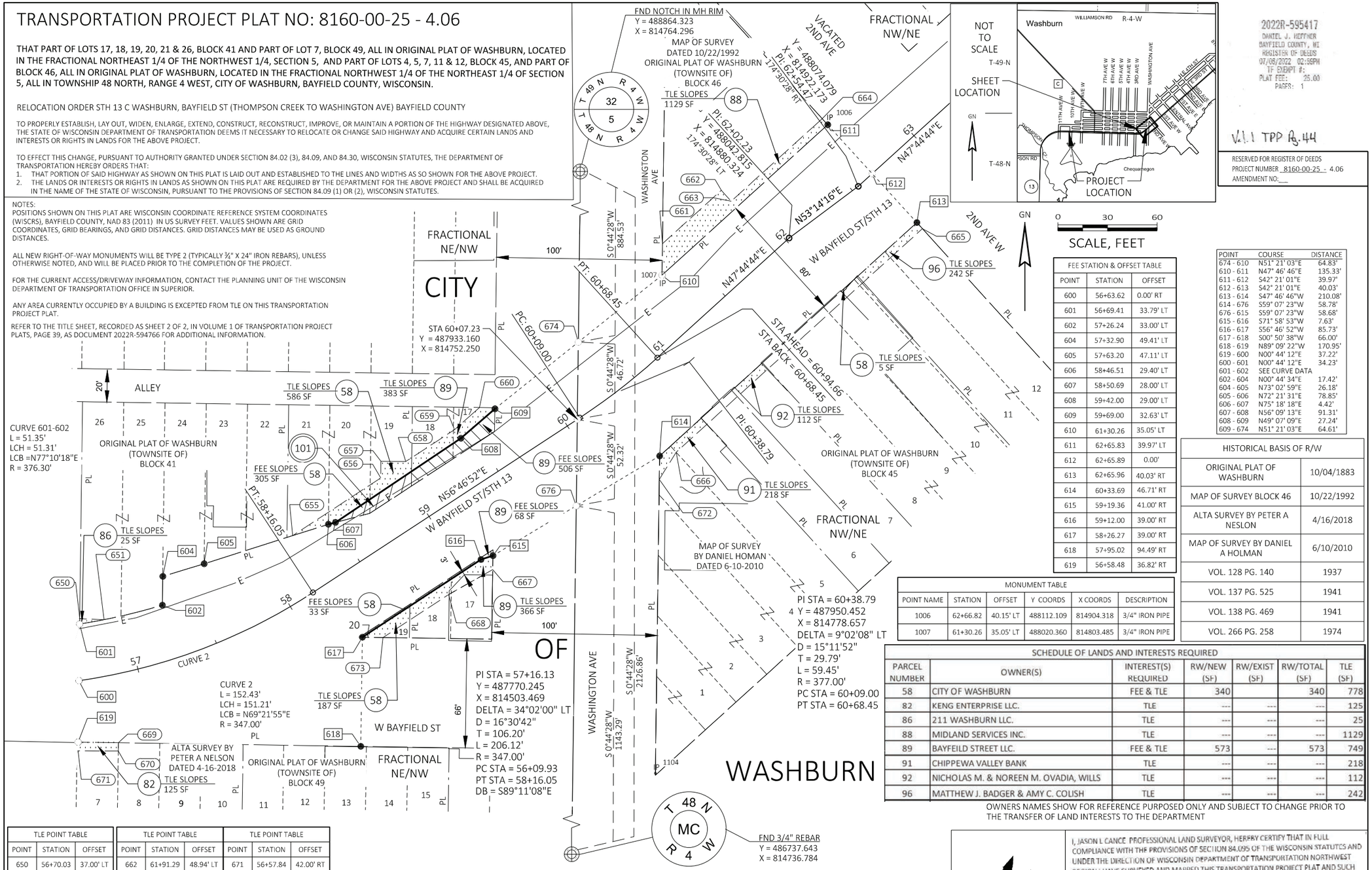
FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SUPERIOR.

ANY AREA CURRENTLY OCCUPIED BY A BUILDING IS EXCEPTED FROM TLE ON THIS TRANSPORTATION PROJECT PLAT.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN VOLUME 1 OF TRANSPORTATION PROJECT PLATS, PAGE 39, AS DOCUMENT 2022R-594766 FOR ADDITIONAL INFORMATION.



2022R-595417
DANIEL J. HEFFNER
BAYFIELD COUNTY, WI
REGISTER OF DEEDS
07/06/2022 02:55PM
TF EXEMPT #:
PLAT FEE: 25.00
PAGES: 1

V.1.1 TPP Pg.44

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8160-00-25 - 4.06
AMENDMENT NO:___

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
600	56+63.62	0.00' RT
601	56+69.41	33.79' LT
602	57+26.24	33.00' LT
604	57+32.90	49.41' LT
605	57+63.20	47.11' LT
606	58+46.51	29.40' LT
607	58+50.69	28.00' LT
608	59+42.00	29.00' LT
609	59+69.00	32.63' LT
610	61+30.26	35.05' LT
611	62+65.83	39.97' LT
612	62+65.89	0.00'
613	62+65.96	40.03' RT
614	60+33.69	46.71' RT
615	59+19.36	41.00' RT
616	59+12.00	39.00' RT
617	58+26.27	39.00' RT
618	57+95.02	94.49' RT
619	56+58.48	36.82' RT

POINT	COURSE	DISTANCE
674 - 610	N51° 21' 03"E	64.83'
610 - 611	N47° 46' 46"E	135.33'
611 - 612	S42° 21' 01"E	39.97'
612 - 613	S42° 21' 01"E	40.03'
613 - 614	S47° 46' 46"W	210.08'
614 - 676	S59° 07' 23"W	58.78'
676 - 615	S59° 07' 23"W	58.68'
615 - 616	S71° 58' 53"W	7.63'
616 - 617	S56° 46' 52"W	85.73'
617 - 618	S00° 50' 38"W	66.00'
618 - 619	N89° 09' 22"W	170.95'
619 - 600	N00° 44' 12"E	37.22'
600 - 601	N00° 44' 12"E	34.23'
601 - 602	SEE CURVE DATA	
602 - 604	N00° 44' 34"E	17.42'
604 - 605	N73° 02' 59"E	26.18'
605 - 606	N72° 21' 31"E	78.85'
606 - 607	N75° 18' 18"E	4.42'
607 - 608	N56° 09' 13"E	91.31'
608 - 609	N49° 07' 09"E	27.24'
609 - 674	N51° 21' 03"E	64.61'

HISTORICAL BASIS OF R/W	
ORIGINAL PLAT OF WASHBURN	10/04/1883
MAP OF SURVEY BLOCK 46	10/22/1992
ALTA SURVEY BY PETER A NESLON	4/16/2018
MAP OF SURVEY BY DANIEL A HOLMAN	6/10/2010
VOL. 128 PG. 140	1937
VOL. 137 PG. 525	1941
VOL. 138 PG. 469	1941
VOL. 266 PG. 258	1974

MONUMENT TABLE					
POINT NAME	STATION	OFFSET	Y COORDS	X COORDS	DESCRIPTION
1006	62+66.82	40.15' LT	488112.109	814904.318	3/4" IRON PIPE
1007	61+30.26	35.05' LT	488020.360	814803.485	3/4" IRON PIPE

SCHEDULE OF LANDS AND INTERESTS REQUIRED						
PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	RW/NEW (SF)	RW/EXIST (SF)	RW/TOTAL (SF)	TLE (SF)
58	CITY OF WASHBURN	FEE & TLE	340		340	778
82	KENG ENTERPRISE LLC.	TLE	---	---	---	125
86	211 WASHBURN LLC.	TLE	---	---	---	25
88	MIDLAND SERVICES INC.	TLE	---	---	---	1129
89	BAYFEILD STREET LLC.	FEE & TLE	573	---	573	749
91	CHIPPEWA VALLEY BANK	TLE	---	---	---	218
92	NICHOLAS M. & NOREEN M. OVADIA, WILLS	TLE	---	---	---	112
96	MATTHEW J. BADGER & AMY C. COLISH	TLE	---	---	---	242

OWNERS NAMES SHOW FOR REFERENCE PURPOSED ONLY AND SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

TLE POINT TABLE		
POINT	STATION	OFFSET
650	56+70.03	37.00' LT
651	56+86.00	33.70' LT
655	58+24.64	35.50' LT
656	58+88.36	35.50' LT
657	58+93.97	43.87' LT
658	59+06.47	35.50' LT
659	59+41.64	35.50' LT
660	59+61.67	38.39' LT
661	61+43.22	48.94' LT

TLE POINT TABLE		
POINT	STATION	OFFSET
662	61+91.29	48.94' LT
663	61+91.29	40.01' LT
664	62+65.83	44.97' LT
665	62+65.96	45.03' RT
666	60+41.94	51.09' RT
667	59+14.64	48.00' RT
668	58+84.00	46.00' RT
669	56+80.07	40.98' RT
670	56+79.18	45.88' RT

TLE POINT TABLE		
POINT	STATION	OFFSET
671	56+57.84	42.00' RT
672	60+26.17	58.00' RT
673	58+36.63	46.00' RT

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL(S)	RECORDING INFORMATION	UTILITY NAME
101	58,86 & 89	NO RECORDED EASEMENT	XCEL ENERGY

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
101	XCEL ENERGY (ELECTRIC)	RELEASE OF RIGHTS

SEH
10 N BRIDGE ST
CHIPPEWA FALLS WI 54729

I, JASON L CANCE 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 WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 6-22-2022
PRINT NAME: JASON L CANCE
REGISTRATION NUMBER: S-2688

WISCONSIN JASON L. CANCE S-2688 CHIPPEWA FALLS WI LAND SURVEYOR

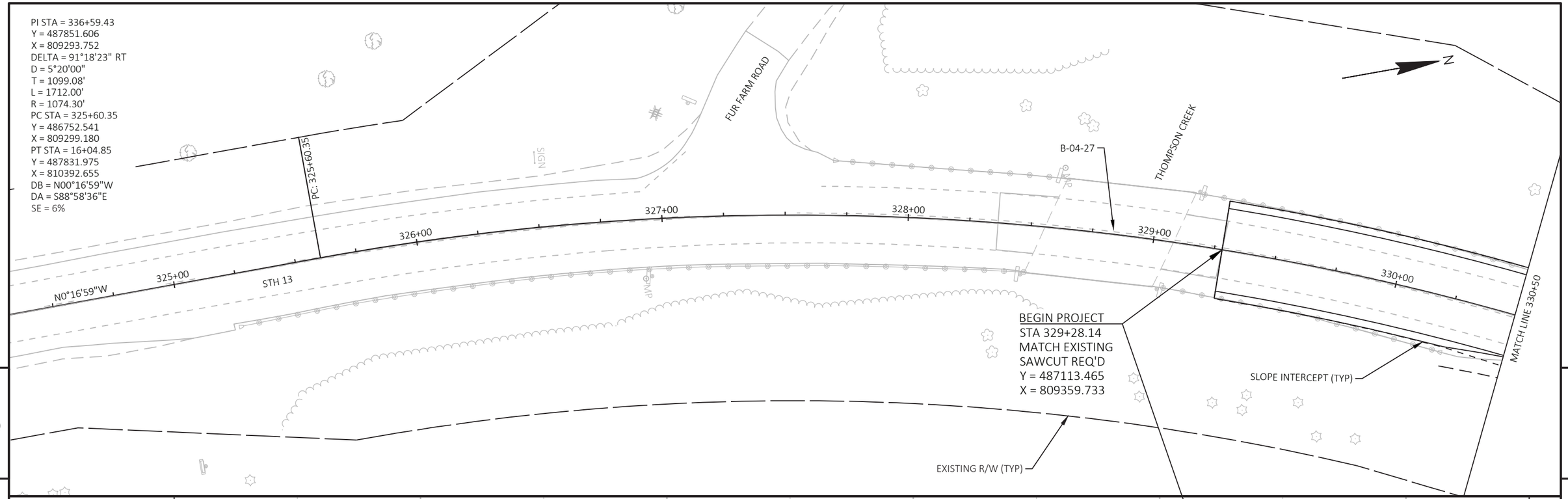
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE DEPARTMENT OF TRANSPORTATION NORTHWEST REGION

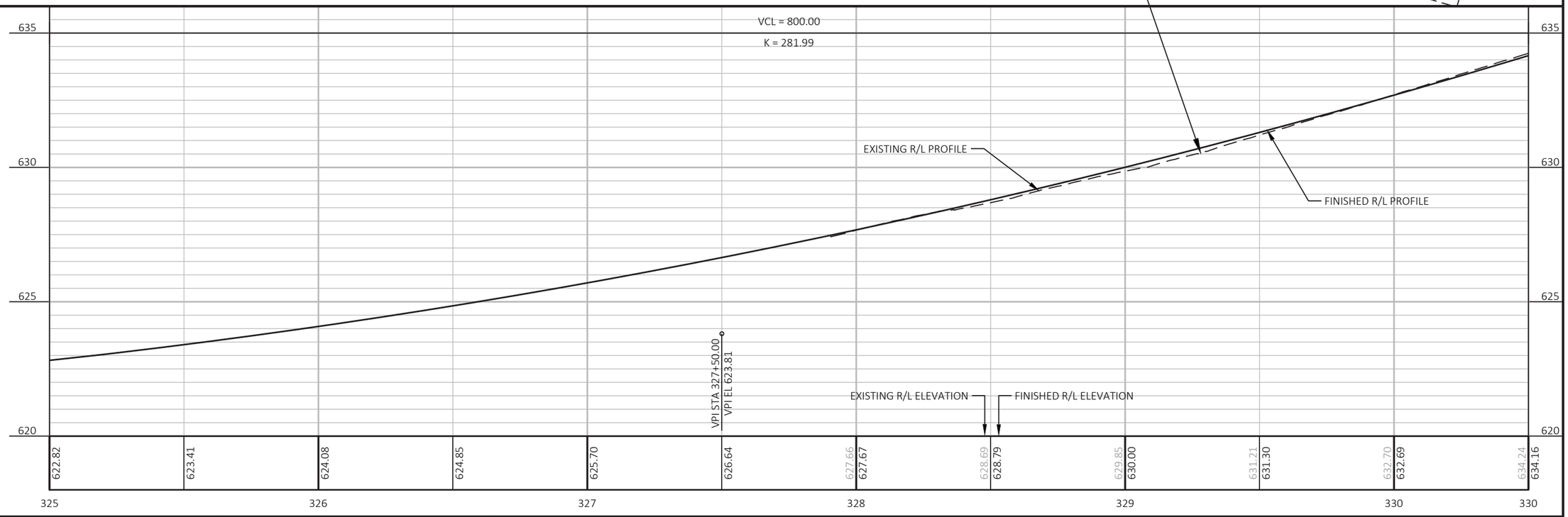
SIGNATURE: _____ DATE: 6-22-2022
PRINT NAME: HEATHER DRESEL

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\RW\81600075_TPP.DWG
PLOT DATE : 6/22/2022 7:55 AM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1IN : 30FT
APPRAISAL PLAT DATE : 4/20/2022

8160-00-25 4.06

PI STA = 336+59.43
Y = 487851.606
X = 809293.752
DELTA = 91°18'23" RT
D = 5°20'00"
T = 1099.08'
L = 1712.00'
R = 1074.30'
PC STA = 325+60.35
Y = 486752.541
X = 809299.180
PT STA = 16+04.85
Y = 487831.975
X = 810392.655
DB = N00°16'59"W
DA = S88°58'36"E
SE = 6%





PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: STH 13	SHEET 165	E

PI STA = 336+59.43
Y = 487851.606
X = 809293.752
DELTA = 91°18'23" RT
D = 5°20'00"
T = 1099.08'
L = 1712.00'
R = 1074.30'
PC STA = 325+60.35
Y = 486752.541
X = 809299.180
PT STA = 16+04.85
Y = 487831.975
X = 810392.655
DB = N00°16'59"W
DA = S88°58'36"E
SE = 6%

EXISTING R/W (TYP)

Mid: 334+16.35

331+00
332+00
333+00
334+00
335+00
336

STH 13

MATCH LINE 330+50

MATCH LINE 336+00

XCEL ENERGY - TRANSMISSION

SLOPE INTERCEPT (TYP)

XCEL ENERGY - GAS

CAUTION

SIGN

GRAV

5

5

VCL = 800.00
K = 281.99

VPT STA 331+50.00
VPT EL 637.37

VPC STA 332+35.00
VPC EL 640.26

VPI STA 333+50.00
VPI EL 644.16

VPT STA 334+65.00
VPT EL 646.41

EXISTING R/L PROFILE

FINISHED R/L PROFILE

3.39%

1.95%

VCL = 230.00
K = 159.96

645
640
635
633

EXISTING R/L ELEVATION

FINISHED R/L ELEVATION

634.24	635.83	637.52	639.22	640.80	642.38	643.79	645.06	646.12	647.16	648.17	649.11
634.16	635.72	637.37	639.07	640.76	642.33	643.74	645.00	646.11	647.09	648.07	649.04

330 332 333 334 335 336

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: STH 13	SHEET 166 E

PI STA = 336+59.43
Y = 487851.606
X = 809293.752
DELTA = 91°18'23" RT
D = 5°20'00"
T = 1099.08'
L = 1712.00'
R = 1074.30'
PC STA = 325+60.35
Y = 486752.541
X = 809299.180
PT STA = 16+04.85
Y = 487831.975
X = 810392.655
DB = N00°16'59"W
DA = S88°58'36"E
SE = 6%

STA 336+69 34' LT
INV EL = 646.38'

STA 336+69 30' RT
INV EL = 645.12'

SPECTRUM/CHARTER
& XCEL ENERGY - DISTRIBUTION

SLOPE INTERCEPT (TYP)

SPECTRUM/CHARTER

EXISTING R/W (TYP)

XCEL ENERGY - GAS

STA 100+38.2
1 - 62' CPRC CL IV 18-INCH
2 - AEW'S FOR CPRC 18-INCH
SKEW 10° RHF

STA 339+89 38.9' LT
INV EL = 654.82'

STA 339+69 37.9' RT
INV EL = 651.70'

STA 99+60.9
1 - 64' CPRC CL IV 18-INCH
2 - AEW'S FOR CPRC 18-INCH
SKEW 15° RHF

BEGIN CONSTRUCTION
STA 99+36.38
MATCH EXISTING
SAWCUT REQ'D

STA 100+50.00
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

STA 340+04.70 STH 13 =
STA 100+00.00 11TH AVE W
SEE INTERSECTION DETAIL

WASHBURN MUN
WATER & SEWER

11TH AVENUE W

N0°34'49"E

N1°08'53"E

END CONSTRUCTION
STA 100+72.47
MATCH EXISTING
SAWCUT REQ'D

STA 340+09.86 STH 13 =
STA 100+00.00 11TH AVE W
SEE INTERSECTION DETAIL

STA 340+49 35.5' LT
INV EL = 656.55'

CAUTION

FOR REFERENCE
ONLY

STA 340+35 37' RT
INV EL = 652.82'

TLE (TYP)

STA 99+50.00
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

MATCH LINE 336+00

MATCH LINE 341+00

STH 13

337+00 338+00 339+00 340+00 341

99+00

N

5

5

660
655
650
645

STA 340+00.00
EL 656.86

1.79%

1.95%

EXISTING R/L PROFILE

FINISHED R/L PROFILE

STA 336+69
1- 62' CPRCHE CL HE-IV 19X30-INCH
2 - AEW'S CPRCHE 19X30-INCH
SKEW 0°

EXISTING R/L ELEVATION

FINISHED R/L ELEVATION

649.11	649.04	650.07	650.02	651.06	651.00	652.06	651.97	653.08	652.95	654.00	653.93
654.90	654.91	655.84	655.88	656.82	656.86	657.84	657.76	658.76	658.65		

336 337 338 339 340 341

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: STH 13	SHEET 167	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 03

PLOT DATE : 5/8/2023 9:02 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

STA 341+62.0 LT
CONSTRUCT 30' WIDE GRAV PE
TYPE 3

EQUATION

EXISTING R/W (TYP)

BK = 342+72.35
AH = 16+04.85
PT: 16+04.85

SLOPE INTERCEPT (TYP)

FOR REFERENCE ONLY

STA 17+88.0 LT
CONSTRUCT 10' WIDE GRAV PE
TYPE 3

STA 18+74 53.2' LT
INV EL = 642.93'

SPECTRUM/CHARTER

N

MATCH LINE 341+00

MATCH LINE 19+00

342+00

17+00

18+00

S88°58'36"E

STH 13

CAUTION

PI STA = 336+59.43
Y = 487851.606
X = 809293.752
DELTA = 91°18'23" RT
D = 5°20'00"
T = 1099.08'
L = 1712.00'
R = 1074.30'
PC STA = 325+60.35
Y = 486752.541
X = 809299.180
PT STA = 16+04.85
Y = 487831.975
X = 810392.655
DB = N00°16'59"W
DA = S88°58'36"E
SE = 6%

WASHBURN MUN
WATER & SEWER

XCEL ENERGY - GAS

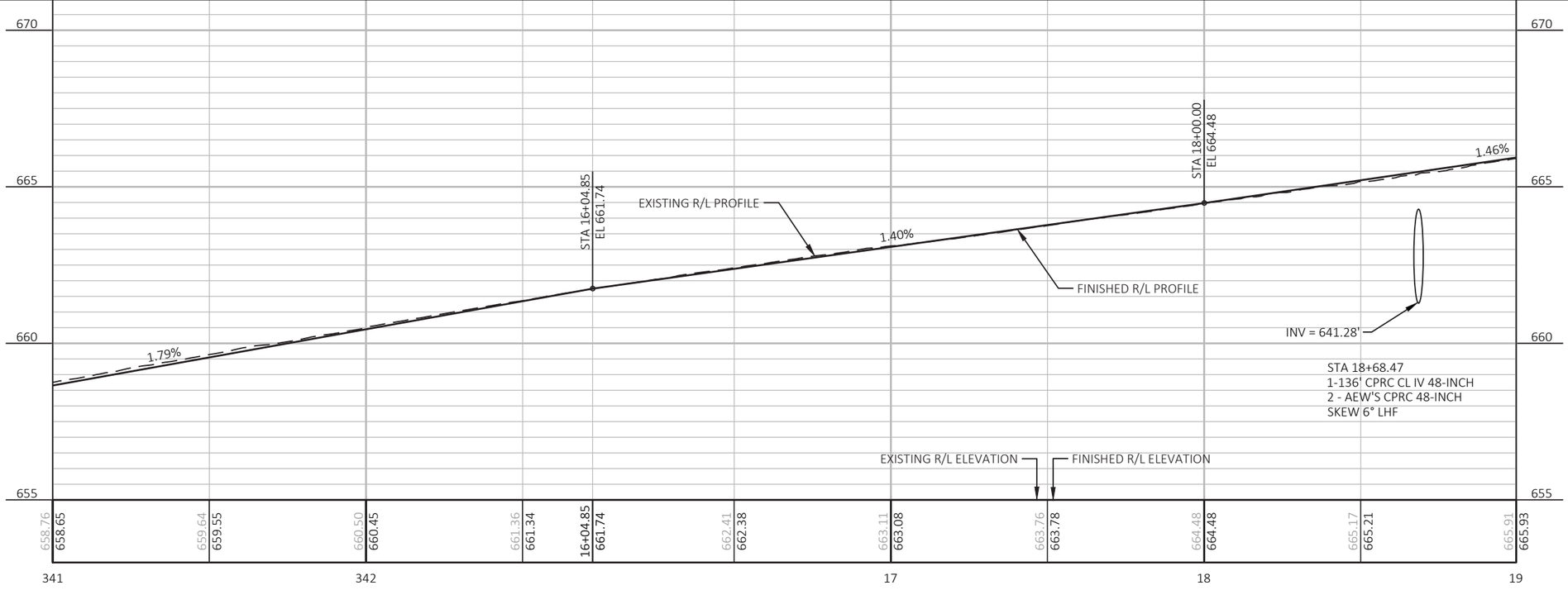
STA 342+14.5 RT
CONSTRUCT 10' WIDE ASPH PE
TYPE 3
SAWCUT REQ'D

STA 17+83.9 RT
CONSTRUCT 14' WIDE GRAV PE
TYPE 3

STA 18+60 82.2' RT
INV EL = 638.73'

5

5



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: STH 13	SHEET 168	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 04

PLOT DATE : 5/8/2023 9:02 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

END CONSTRUCTION
STA 110+75.00
MATCH EXISTING
SAWCUT REQ'D

STA 110+49.69
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

STA 19+97.44 STH 13 =
STA 110+00.00 10TH AVE W
SEE INTERSECTION DETAIL

WASHBURN MUN
WATER & SEWER

BEGIN CONSTRUCTION
STA 109+00.00
MATCH EXISTING
SAWCUT REQ'D

N0°55'43"E

N0°08'20"E

10TH AVENUE W

EXISTING R/W (TYP)

PROPOSED R/W (TYP)

PI: 19+97.89

STA 19+97.89 STH 13 =
STA 110+00.00 10TH AVE W
SEE INTERSECTION DETAIL

EXISTING R/W (TYP)

STA 109+51.02
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

STA 21+40 LT
WOOD STEPS TO REMAIN

COMFY CARE PET
HOSPITAL

WOOD DECK AND STEPS

SLOPE INTERCEPT (TYP)

XCEL ENERGY - DISTRIBUTION

FOR REFERENCE ONLY

STA 24+07.3 LT
CONSTRUCT 30' WIDE CONC CE
TYPE 2
SAWCUT REQ'D

STA 24+56 LT
CONCRETE STEPS TO
REMAIN

STH 13

TLE (TYP)

STA 21+75.0 RT
CONSTRUCT 20' WIDE
ASPHALT PE TYPE 2
SAWCUT REQ'D

STA 23+57 RT
CONCRETE STEPS
RAILING REQ'D
(SEE DETAIL)

STA 24+14 RT
CONCRETE STEPS
RAILING REQ'D
(SEE DETAIL)

STA 24+61 RT
CONCRETE STEPS
(SEE DETAIL)

X = CLEARING AND GRUBBING

MATCH LINE 19+00

MATCH LINE 25+00

N

S88°58'36"E

S89°06'19"E

19+00 20+00 21+00 22+00 23+00 24+00 25+00

5

5

VPC STA 19+85.00
VPC EL 667.17

VPI STA 20+50.00
VPI EL 668.12

VPT STA 21+15.00
VPT EL 668.56

EXISTING R/L PROFILE

FINISHED R/L PROFILE

1.46%

-0.68%

VCL = 130.00

K = 167.95

EXISTING R/L ELEVATION

FINISHED R/L ELEVATION

| | | |

STA 25+34.8 LT
CONSTRUCT 25' WIDE ASPH CE
TYPE 2
SAWCUT REQ'D

END CONSTRUCTION CE
STA 121+00.00
MATCH EXISTING
SAWCUT REQ'D

STA 25+03 LT
CONCRETE STEPS
TO REMAIN

STA 26+62.60 STH 13 =
STA 120+00.00 9TH AVE W
SEE INTERSECTION DETAIL

SPECTRUM/CHARTER

EXISTING R/W (TYP)

STA 120+49.15
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

PROPOSED R/W (TYP)

STA 28+23 LT
CONCRETE STEPS
(SEE DETAIL)

STA 28+78 LT
REMOVE CONCRETE STEPS

STA 28+90 LT
CONCRETE STEPS
RAILING REQ'D
(SEE DETAIL)

STA 29+03 LT
CONCRETE STEPS
RAILING REQ'D
(SEE DETAIL)

STA 29+74 LT
CONCRETE STEPS
RAILING REQ'D
(SEE DETAIL)

WASHBURN MUN
WATER & SEWER

SLOPE INTERCEPT (TYP)

RAMP TO REMAIN

XCEL ENERGY - DISTRIBUTION

FOR REFERENCE ONLY

WOOD FENCE

WOOD DECK AND STEPS

CONC STEPS

MATCH LINE 25+00

MATCH LINE 31+00

N

9TH AVENUE W

N0°42'17"E 121+00

N0°55'43"E 119+00

S89°06'19"E

26+00

27+00

28+00

29+00

30+00

STH 13

BRIGHTSPEED

STA 26+62.62 STH 13 =
STA 120+00.00 9TH AVE W
SEE INTERSECTION DETAIL

STA 119+50.97
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

TLE (TYP)

STA 25+18.1 RT
CONSTRUCT 8' WIDE GRAV PE
TYPE 2

BEGIN CONSTRUCTION
STA 119+00.00
MATCH EXISTING
SAWCUT REQ'D

STA 30+33.8 RT
CONSTRUCT 8' WIDE CONC PE
TYPE 2
SAWCUT REQ'D

X = CLEARING AND GRUBBING

MOBILE HOME

WOOD DECK

MAILBOX

5

5

VCL = 50.00
K = 172.09

VCL = 50.00
K = 62.50

VCL = 70.00
K = 51.02

EXISTING R/L PROFILE

FINISHED R/L PROFILE

0.68%

0.97%

0.40%

0.40%

VPC STA 25+75.00
VPC EL 671.70

VPI STA 26+00.00
VPI EL 671.87

VPT STA 26+25.00
VPT EL 672.11

VPC STA 27+90.00
VPC EL 673.71

VPI STA 28+25.00
VPI EL 674.05

VPT STA 28+60.00
VPT EL 673.91

HP STA 28+39.59
HP EL 673.95

VPC STA 28+75.00
VPC EL 673.85

VPI STA 29+00.00
VPI EL 673.75

VPT STA 29+25.00
VPT EL 673.85

LP STA 29+00.00
LP EL 673.80

EXISTING R/L ELEVATION

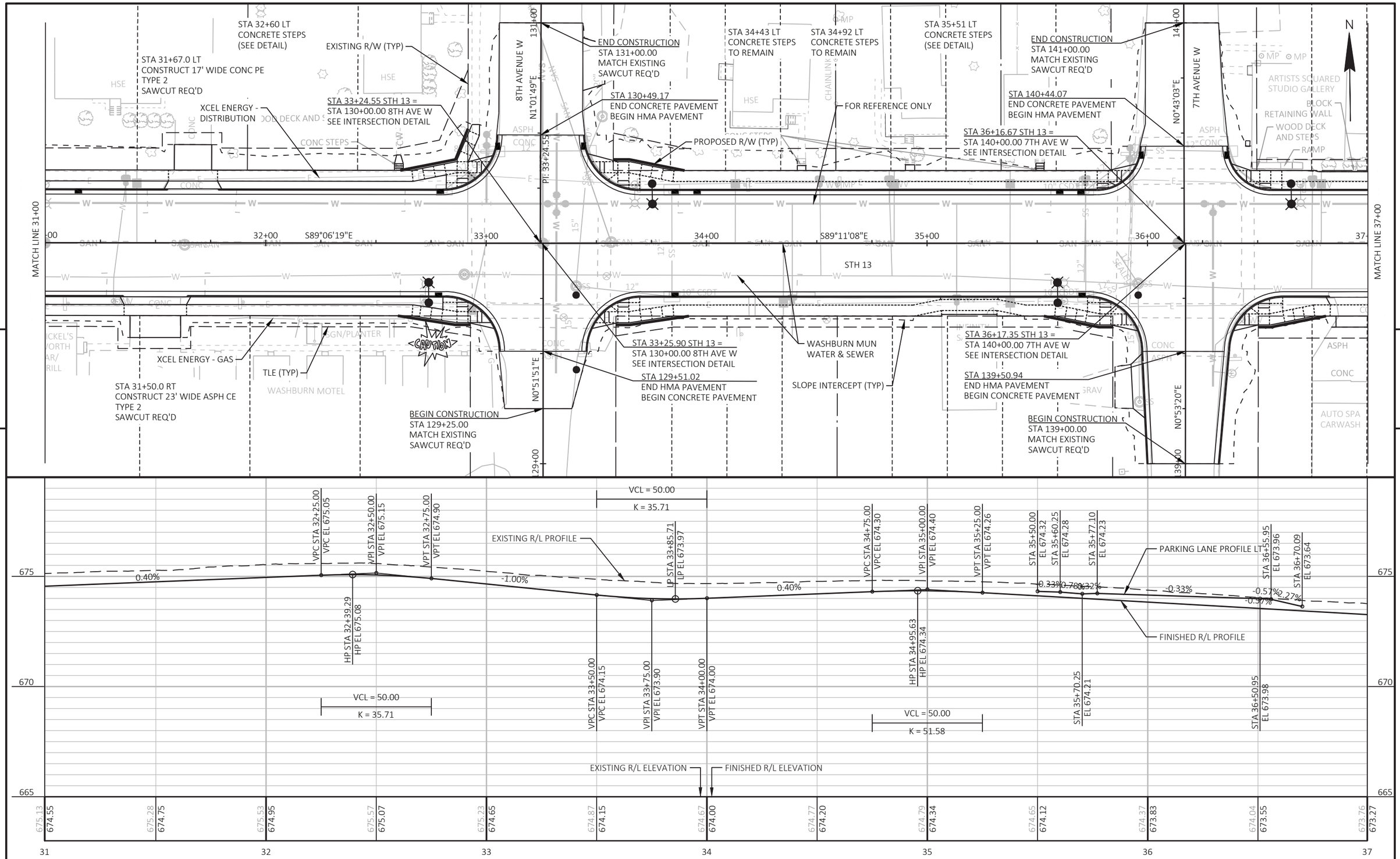
FINISHED R/L ELEVATION

675

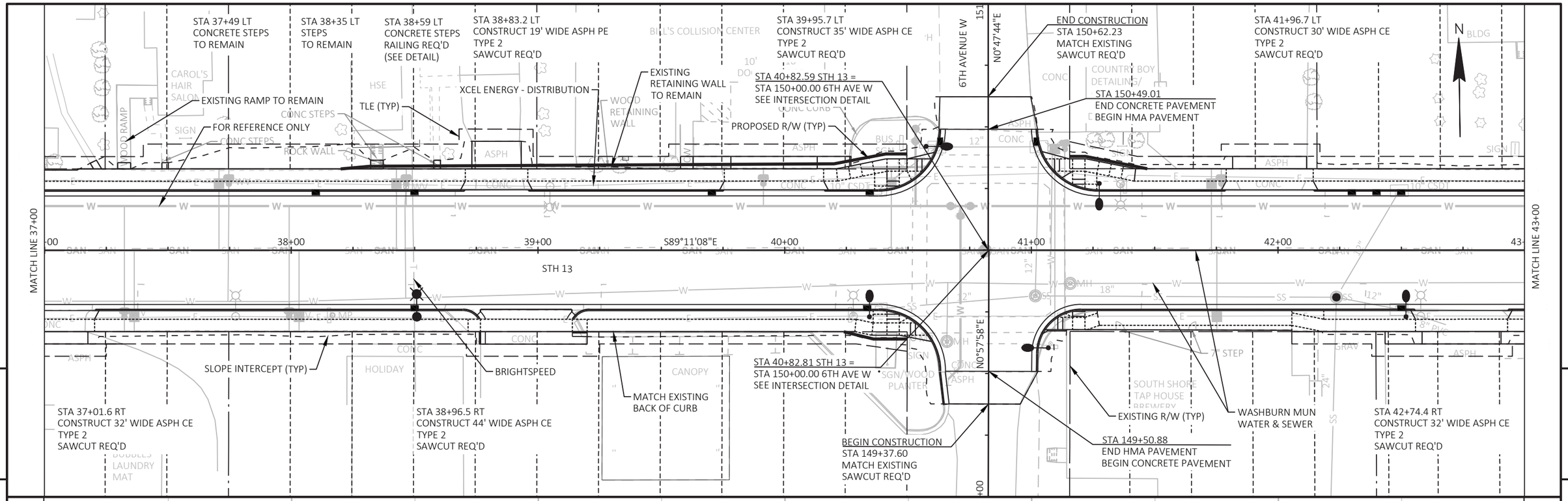
670

665

| | | |



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: STH 13	SHEET 171	E



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: STH 13	SHEET 172	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 08
PLOT DATE : 5/8/2023 9:04 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

STA 44+30.0 LT
CONSTRUCT 32' WIDE ASPH CE
TYPE 2
SAWCUT REQ'D

FOR REFERENCE ONLY

XCEL ENERGY - DISTRIBUTION

STA 45+47.53 STH 13 =
STA 160+00.00 5TH AVE W
SEE INTERSECTION DETAIL

5TH AVENUE W

N0°40'51"E

END CONSTRUCTION
STA 161+00.00
MATCH EXISTING
SAWCUT REQ'D

STA 46+42.2 LT
CONSTRUCT 32' WIDE ASPH CE
TYPE 2
SAWCUT REQ'D

STA 160+49.10
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

SLOPE INTERCEPT (TYP)

WOOD POST

MATCH LINE 43+00

MATCH LINE 49+00

44+00

S89°11'08"E

45+00

46+00

47+00

48+00

STH 13

N0°34'45"E

TLE (TYP)

PROPOSED R/W (TYP)

EXISTING R/W (TYP)

BEGIN CONSTRUCTION
STA 159+30.00
MATCH EXISTING

STA 45+48.94 STH 13 =
STA 160+00.00 5TH AVE W
SEE INTERSECTION DETAIL

STA 159+50.82
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

MAILBOX

PVC FENCE

POST OFFICE

WASHBURN MUN
WATER & SEWER

NO ENT

WASHBURN PUBLIC WORKS

RED CLIFF
COMMUNITY
HEALTH
CENTER

HEIDI S.
KONTNY
CPA

LAKE SUPERIOR STO

NORTH

HSE

SGN/
PLANTER

5

5

VPI STA 43+20.77
VPI EL 670.07

VPT STA 43+45.77
VPT EL 669.95

HP STA 43+15.60
HP EL 670.03

EXISTING R/L PROFILE

-0.48%

VPC STA 46+15.00
VPC EL 668.65

VPI STA 46+40.00
VPI EL 668.53

VPT STA 46+65.00
VPT EL 668.34

VCL = 50.00
K = 167.17

-0.78%

FINISHED R/L PROFILE

VCL = 60.00
K = 46.80

LP STA 47+96.60
LP EL 667.45

STA 48+50.00
EL 667.66

VPC STA 47+60.00
VPC EL 667.59

VPI STA 47+90.00
VPI EL 667.36

VPT STA 48+20.00
VPT EL 667.51

0.50%

-0.40%

VCL = 50.00
K = 62.48

EXISTING R/L ELEVATION

FINISHED R/L ELEVATION

| | | |

STA 49+05.7 LT
CONSTRUCT 35' WIDE ASPH CE TYPE 2
SAWCUT REQ'D

STA 50+13.60 STH 13 =
STA 170+00.00 4TH AVE W
SEE INTERSECTION DETAIL

BRIGHTSPEED/
SPECTRUM/CHARTER

4TH AVENUE W
N0°35'54"E
171+00

END CONSTRUCTION
STA 171+00.00
MATCH EXISTING
SAWCUT REQ'D

STA 170+49.17
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

SPECTRUM/CHARTER

STA 51+40 LT
CONCRETE STEPS
RAILING REQ'D
(SEE DETAIL)

STA 51+75 - STA 54+50 LT
SAFETY FENCE

FOR REFERENCE ONLY

XCEL ENERGY - DISTRIBUTION

SLOPE INTERCEPT (TYP)

MATCH LINE 49+00

S89°11'08"E

50+00

51+00

52+00

53+00

MATCH LINE 54+00

STH 13

BRIGHTSPEED

STA 50+15.45 STH 13 =
STA 170+00.00 4TH AVE W
SEE INTERSECTION DETAIL

WASHBURN MUN
WATER & SEWER

TLE (TYP)

EXISTING R/W (TYP)

PROPOSED R/W (TYP)

STA 49+35.2 RT
CONSTRUCT 20' WIDE
ASPH PE TYPE 2
SAWCUT REQ'D

BEGIN CONSTRUCTION
STA 169+10.00
MATCH EXISTING
SAWCUT REQ'D

N0°35'26"E
171+00

STA 169+50.83
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

X = CLEARING AND GRUBBING

N

5

5

VPC STA 50+00.00
VPC EL 667.06

VPI STA 50+25.00
VPI EL 666.96

VPT STA 50+50.00
VPT EL 666.74

VCL = 50.00
K = 105.42

670

665

660

-0.40%

-0.87%

-0.40%

EXISTING R/L PROFILE

FINISHED R/L PROFILE

VPC STA 51+75.00
VPC EL 665.65

VPI STA 52+00.00
VPI EL 665.43

VPT STA 52+25.00
VPT EL 665.33

VCL = 50.00
K = 105.42

EXISTING R/L ELEVATION

FINISHED R/L ELEVATION

667.86	667.61	667.39	667.11	666.71	666.30	665.98	665.75	665.59	665.36	665.17
667.46	667.26	667.06	666.74	666.30	665.87	665.46	665.23	665.03	664.83	664.63

49 50 51 52 53 54

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: STH 13	SHEET 174	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 10
PLOT DATE : 5/8/2023 9:06 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

STA 51+75 - STA 54+50 LT
SAFETY FENCE

END CONSTRUCTION
STA 180+70.00
MATCH EXISTING
SAWCUT REQ'D

3RD AVENUE W
N0°43'06"E

STA 180+43.07
END CONCRETE PAVEMENT
BEGIN HMA PAVEMENT

SLOPE INTERCEPT (TYP)

TLE (TYP)

PROPOSED R/W (TYP)

XCEL ENERGY - DISTRIBUTION

STA 57+28.2 LT
CONSTRUCT 35' WIDE ASPH CE
TYPE 2
SAWCUT REQ'D

PI STA = 57+16.13
Y = 487770.245
X = 814503.469
DELTA = 34°02'00" LT
D = 16°30'42"
T = 106.20'
L = 206.12'
R = 347.00'
PC STA = 56+09.93
Y = 487771.754
X = 814397.281
PT STA = 58+16.05
Y = 487828.425
X = 814592.313
DB = S89°11'08"E
DA = N56°46'52"E
SE = NC

PI STA = 57+34.00 WB
Y = 487769.991
X = 814521.335
DELTA = 34°02'00" LT
D = 17°06'12"
T = 102.53'
L = 198.99'
R = 335.00'
PC STA = 56+31.47 WB
Y = 487771.448
X = 814418.819
PT STA = 58+27.18 WB
Y = 487826.159
X = 814607.107
DB = S89°11'08"E
DA = N56°46'52"E
SE = NC

PROPOSED
R/W (TYP)

TLE (TYP)

MATCH LINE 54+00

MATCH LINE 59+00

55+00

56+00

57+00
57WB

58+00
58WB

S89°11'08"E

N56°46'52"E

STH 13

STA 54+80.80 STH 13 =
STA 180+00.00 3RD AVE W
SEE INTERSECTION DETAIL

SPECTRUM/CHARTER
& XCEL ENERGY -
DISTRIBUTION

N0°50'12"E

STA 54+80.98 STH 13 =
STA 180+00.00 3RD AVE W
SEE INTERSECTION DETAIL

STA 179+56.98
END HMA PAVEMENT
BEGIN CONCRETE PAVEMENT

BEGIN CONSTRUCTION
STA 179+00.00
MATCH EXISTING
SAWCUT REQ'D

179+00

WASHBURN MUN
WATER & SEWER

FOR REFERENCE ONLY

TLE (TYP)

EXISTING R/W (TYP)

PROPOSED R/W (TYP)

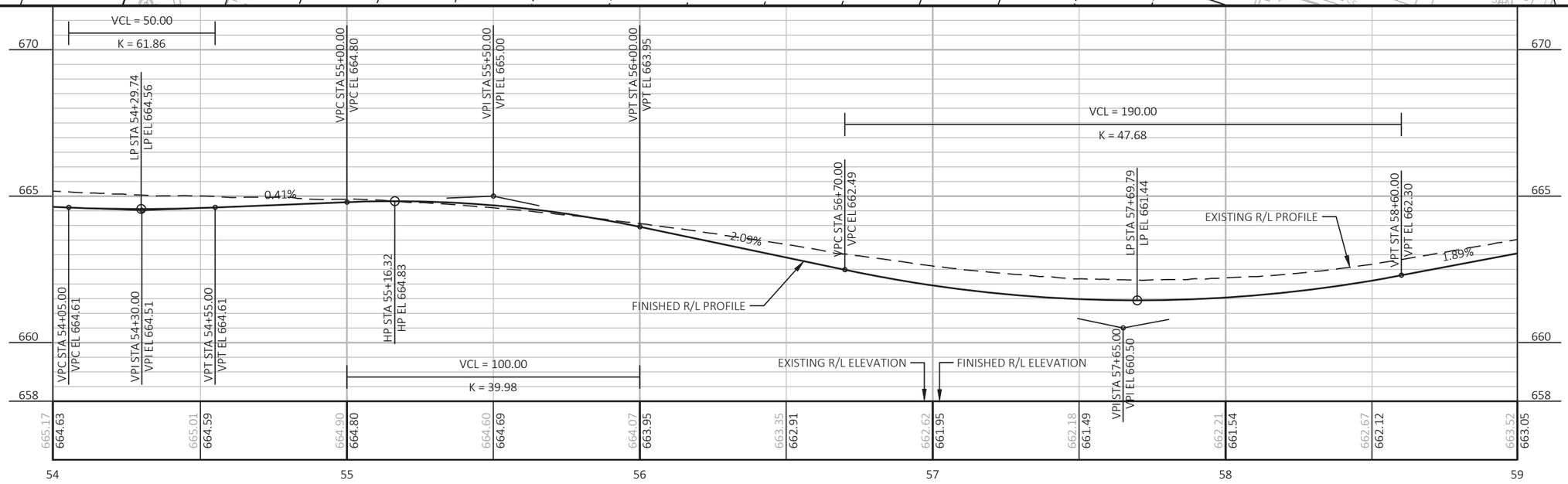
STA 57+20.0 RT
CONSTRUCT 35' WIDE ASPH CE
TYPE 1
SAWCUT REQ'D

STA 57+78.5 RT
CONSTRUCT 10' WIDE ASPH CE
TYPE 2
SAWCUT REQ'D

N

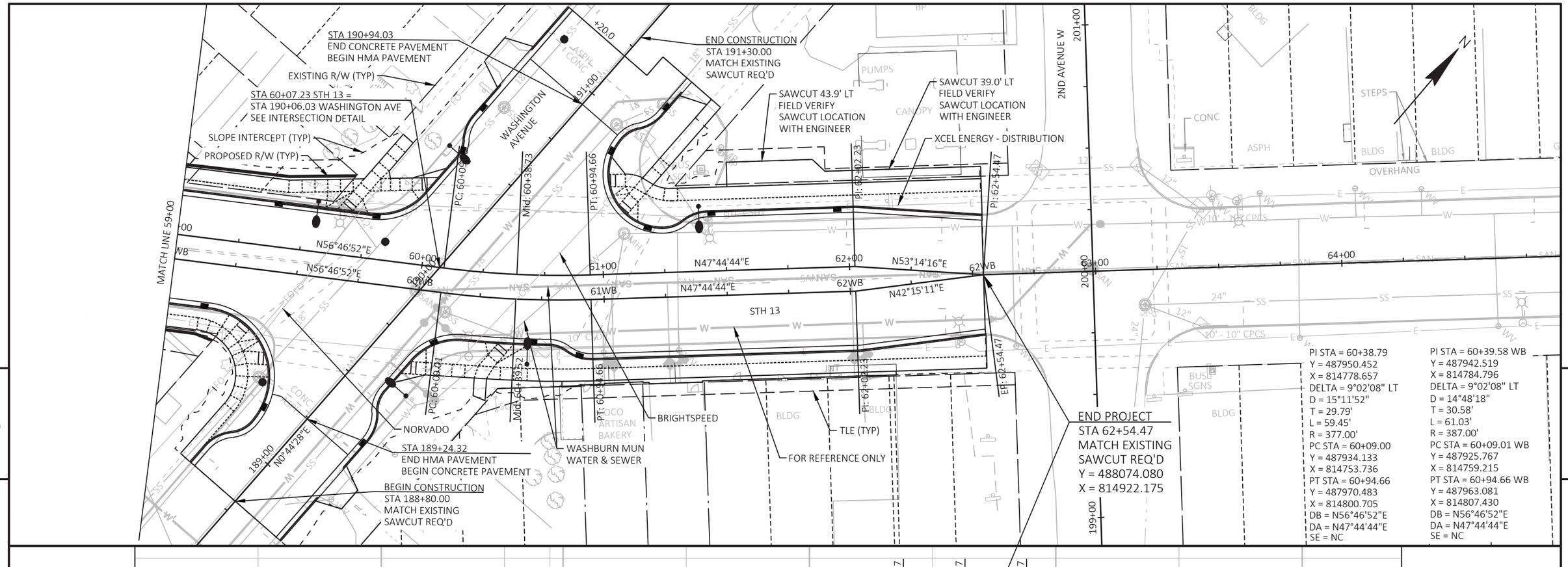
5

5



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: STH 13	SHEET 175	E

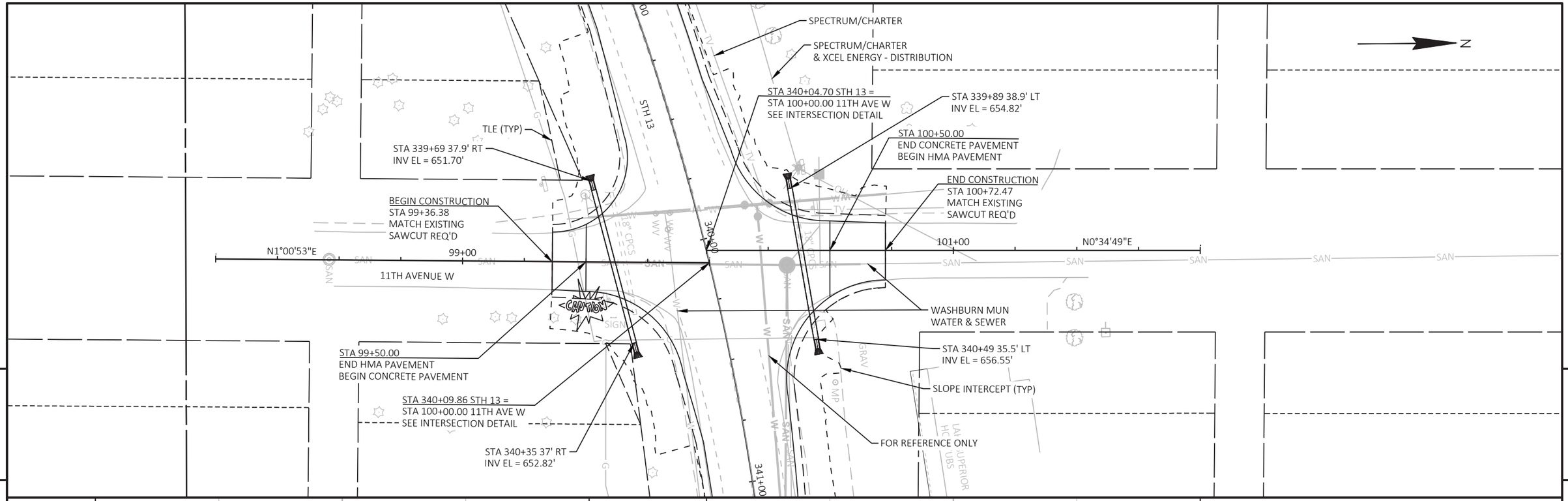
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 11
PLOT DATE : 5/8/2023 9:06 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

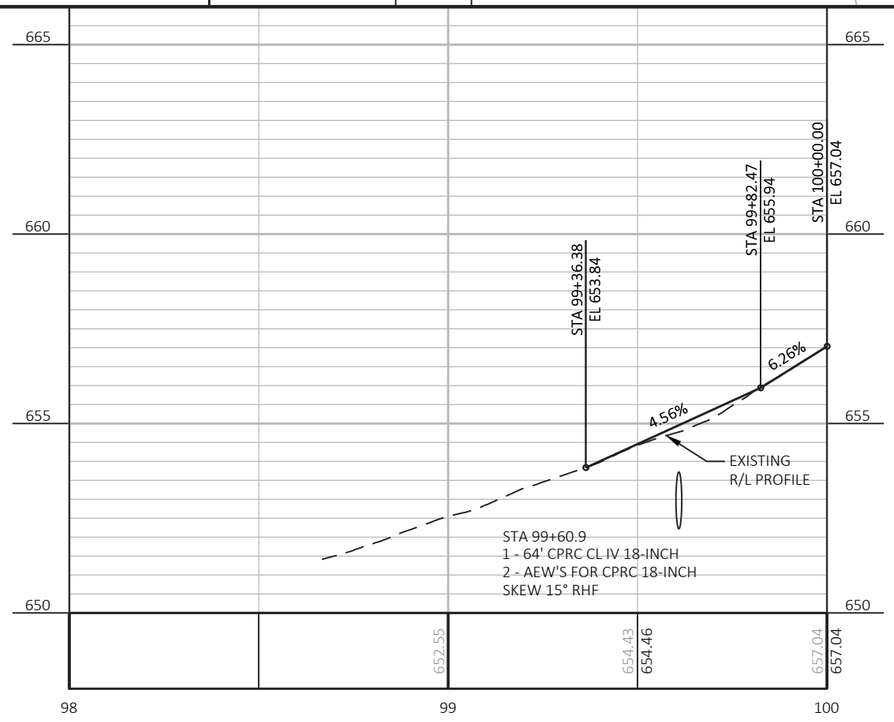


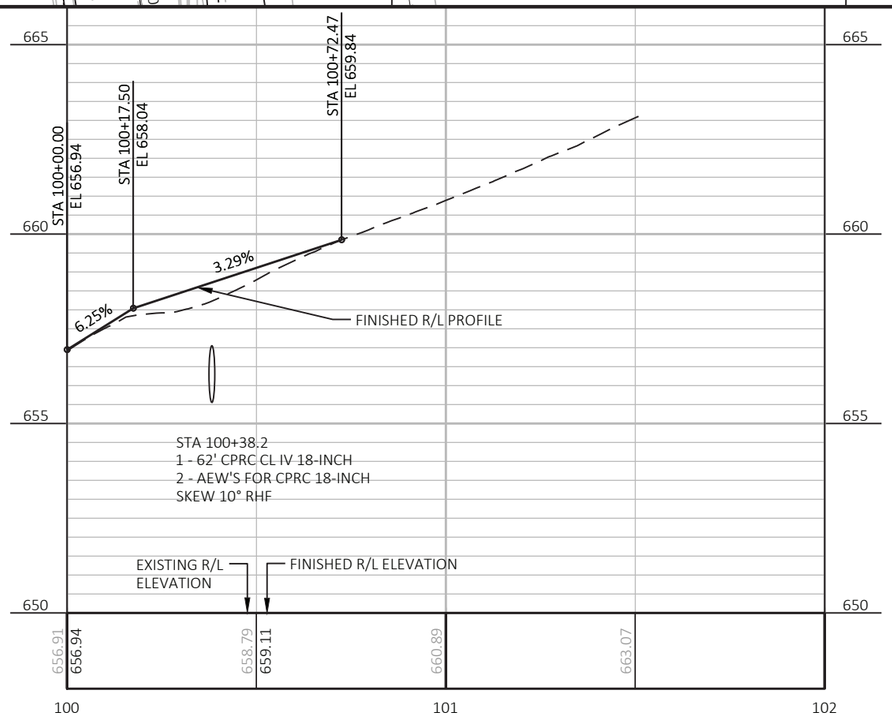
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: STH 13	SHEET 176	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 12

PLOT DATE : 5/24/2023 10:22 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:40 FT

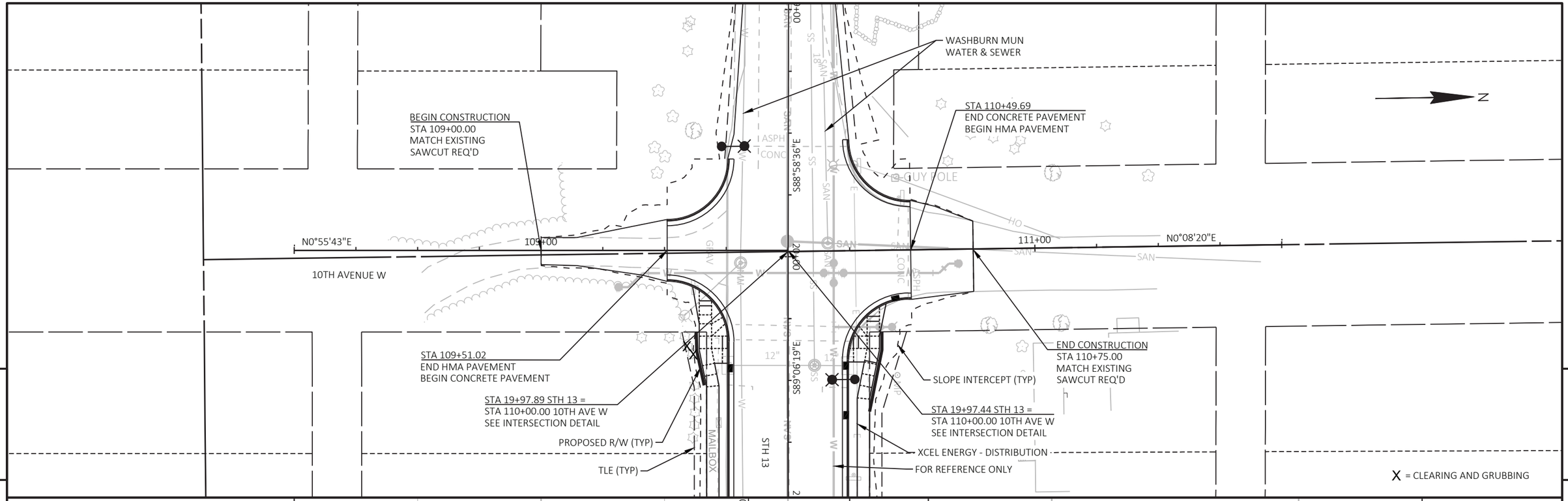






PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: 11TH AVENUE	SHEET 177	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050102_PP.DWG
LAYOUT NAME - 11TH AVE
PLOT DATE : 5/8/2023 9:19 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

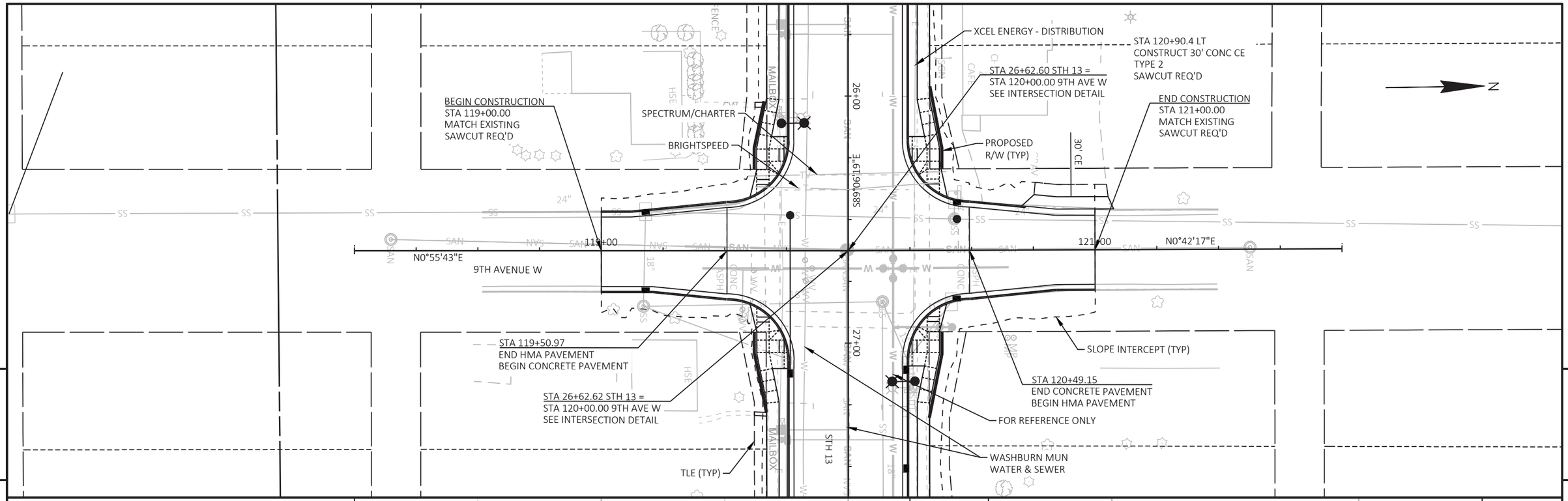


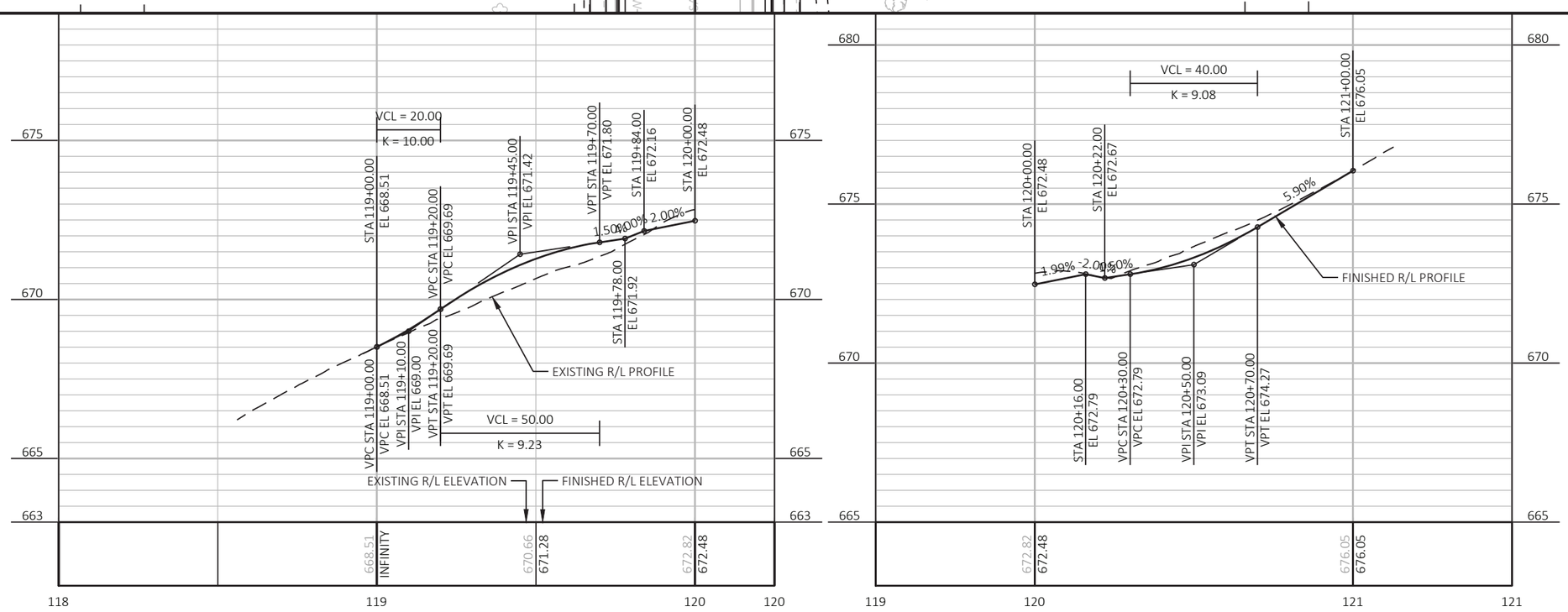
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: 10TH AVENUE	SHEET 178	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050102_PP.DWG
LAYOUT NAME - 10TH AVE

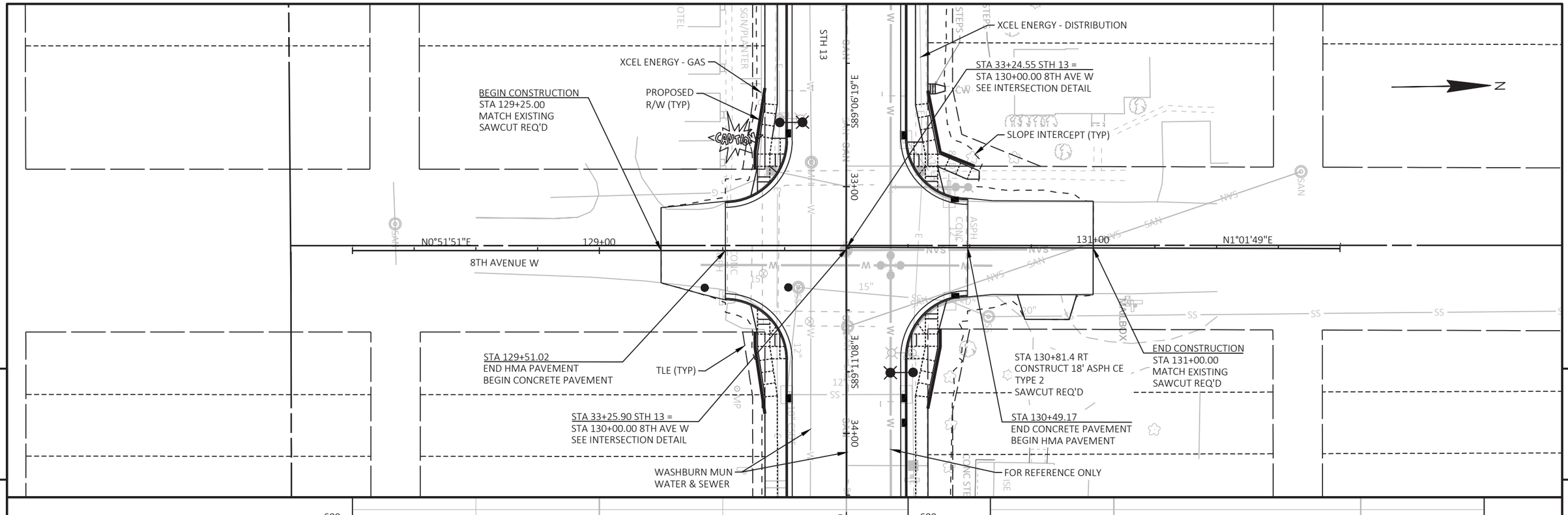
PLOT DATE : 5/8/2023 9:20 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44





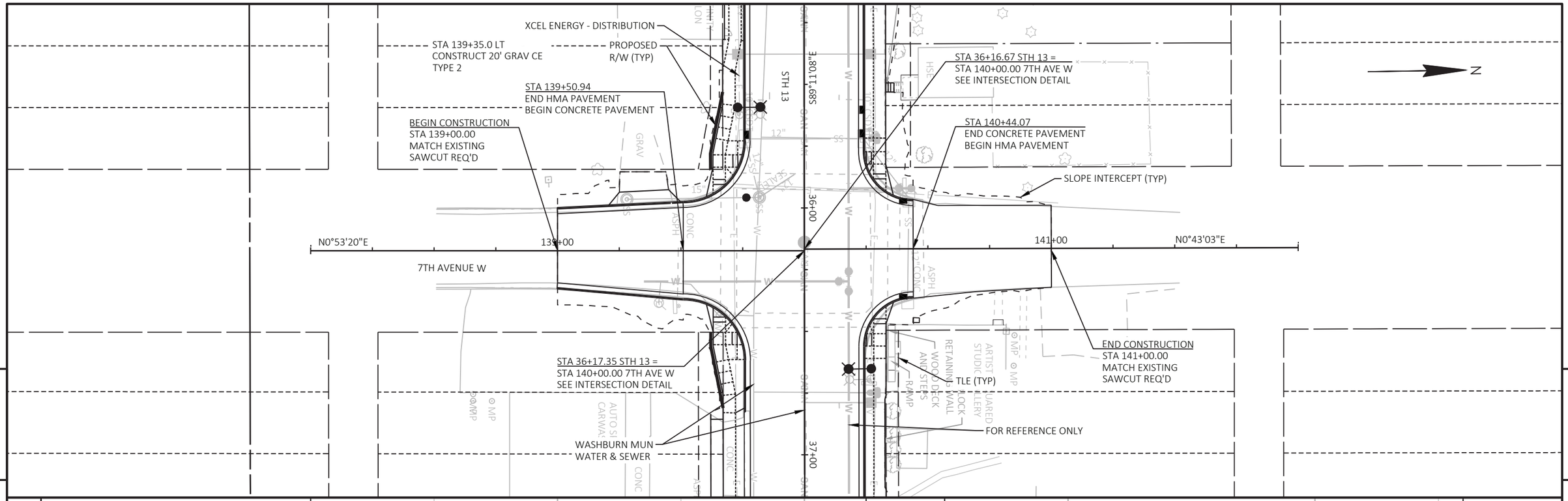
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: 9TH AVENUE	SHEET 179	E

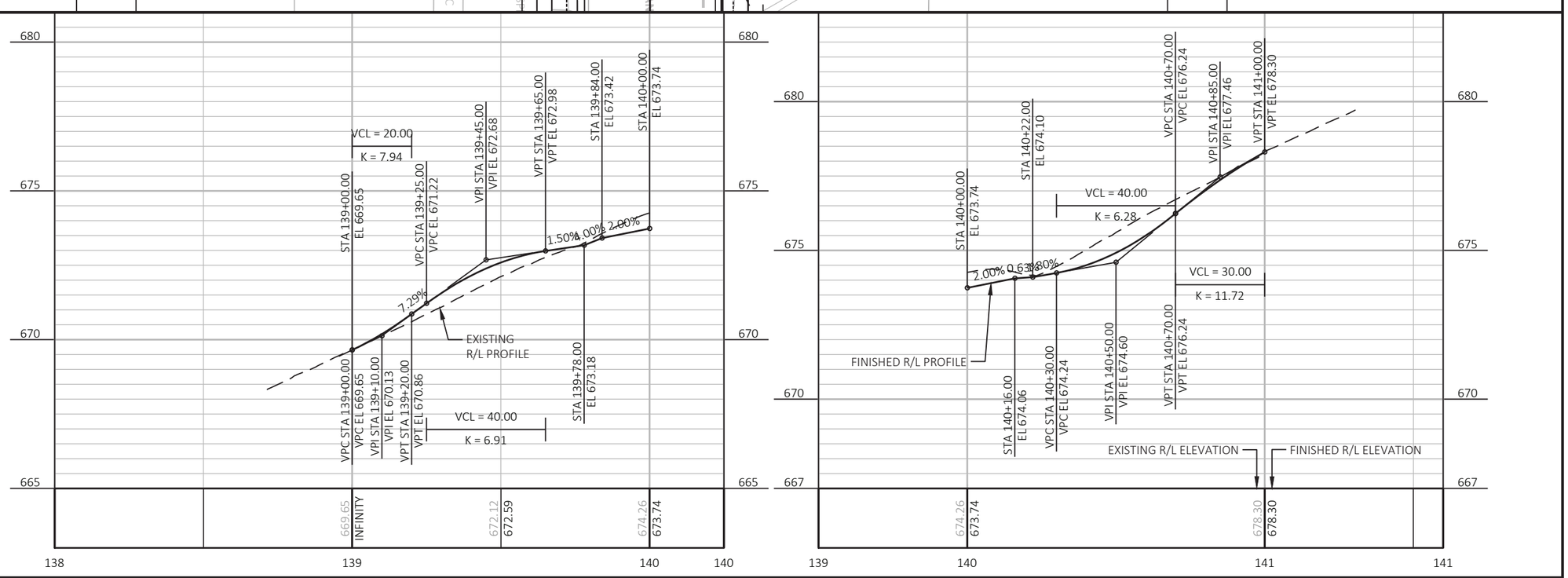


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: 8TH AVENUE	SHEET 180	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050102_PP.DWG
LAYOUT NAME - 8TH AVE

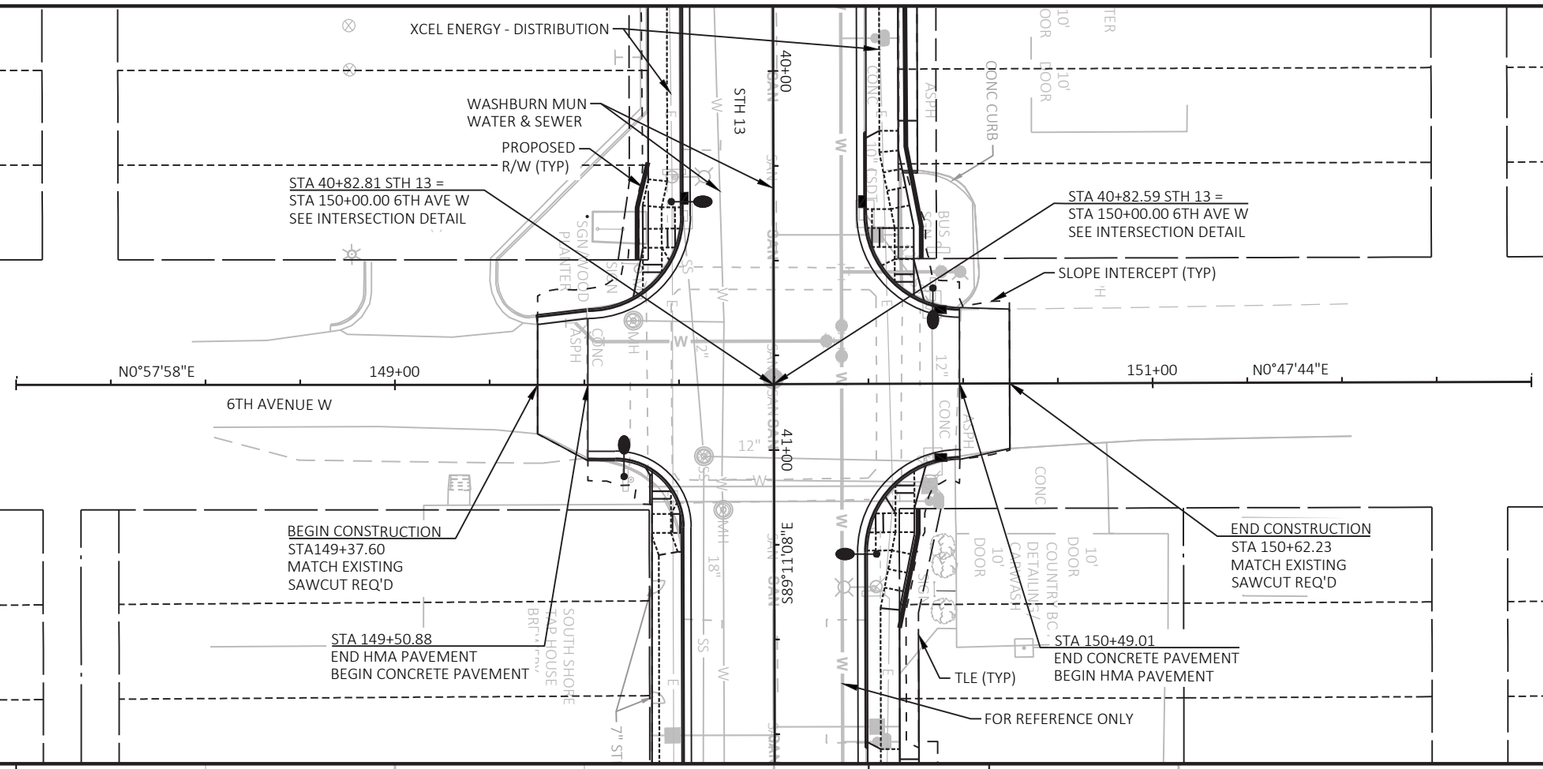
PLOT DATE : 5/8/2023 9:22 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:40 FT

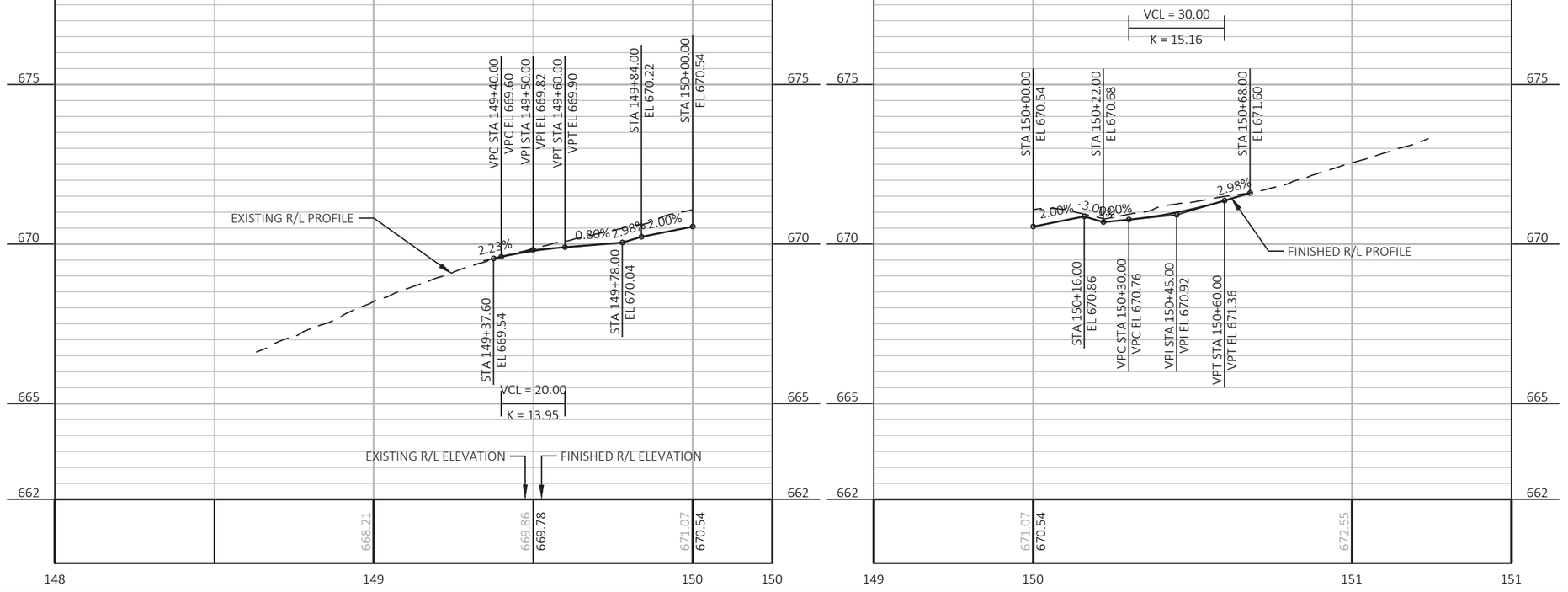




PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: 7TH AVENUE	SHEET 181	E

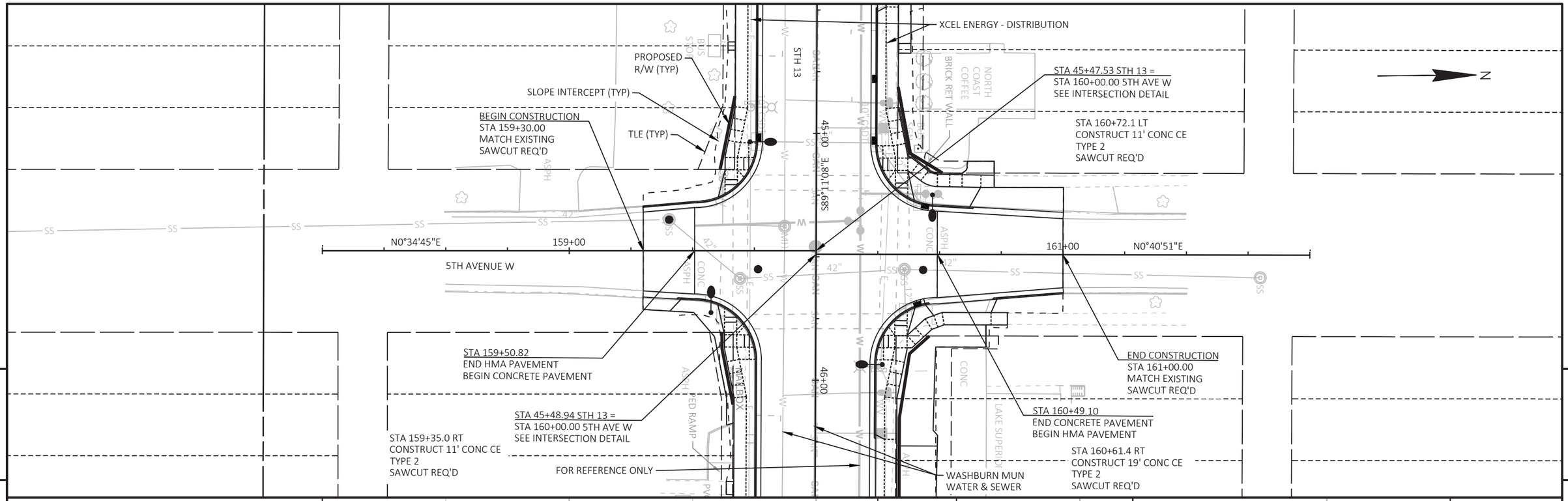
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050102_PP.DWG
LAYOUT NAME - 7TH AVE
PLOT DATE : 5/8/2023 9:22 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: 6TH AVENUE	SHEET 182	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050102_PP.DWG
LAYOUT NAME - 6TH AVE
PLOT DATE : 5/8/2023 9:23 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

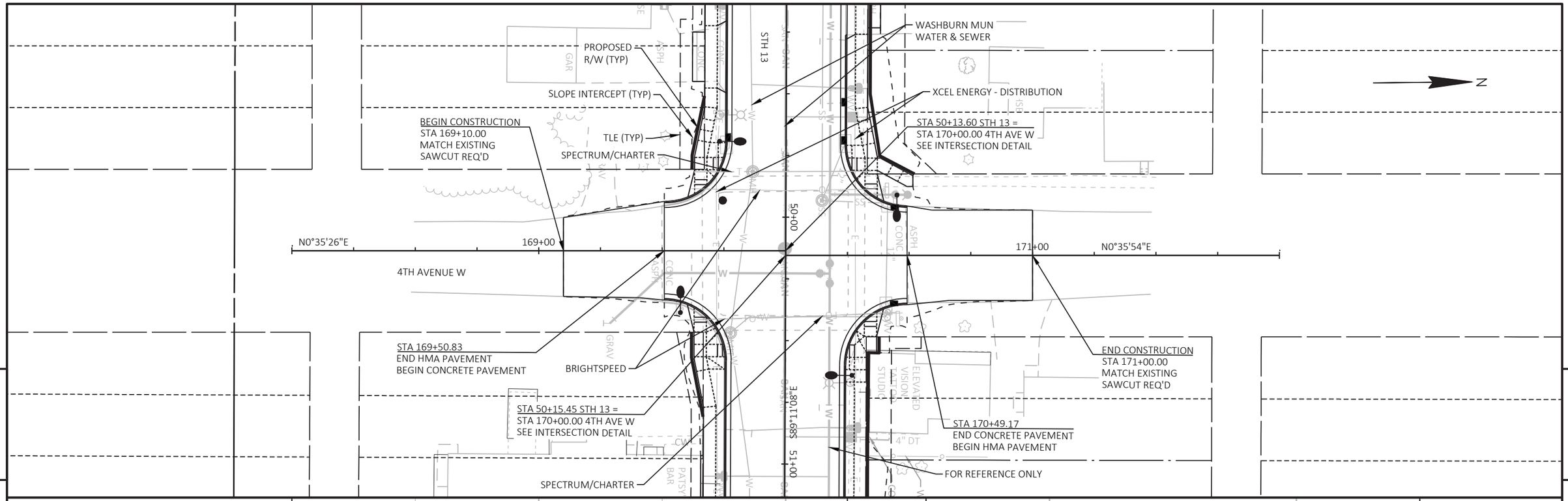


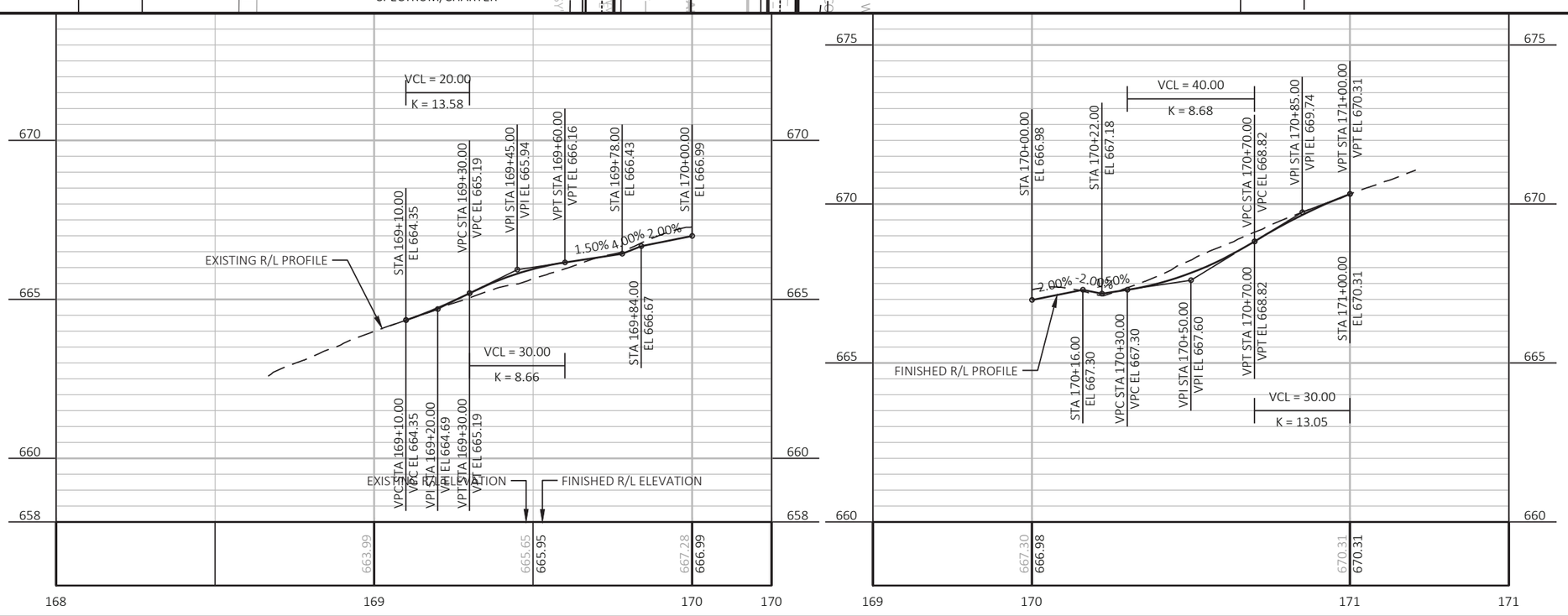
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: 5TH AVENUE	SHEET 183 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050102_PP.DWG
LAYOUT NAME - 5TH AVE

PLOT DATE : 5/8/2023 9:24 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:40 FT

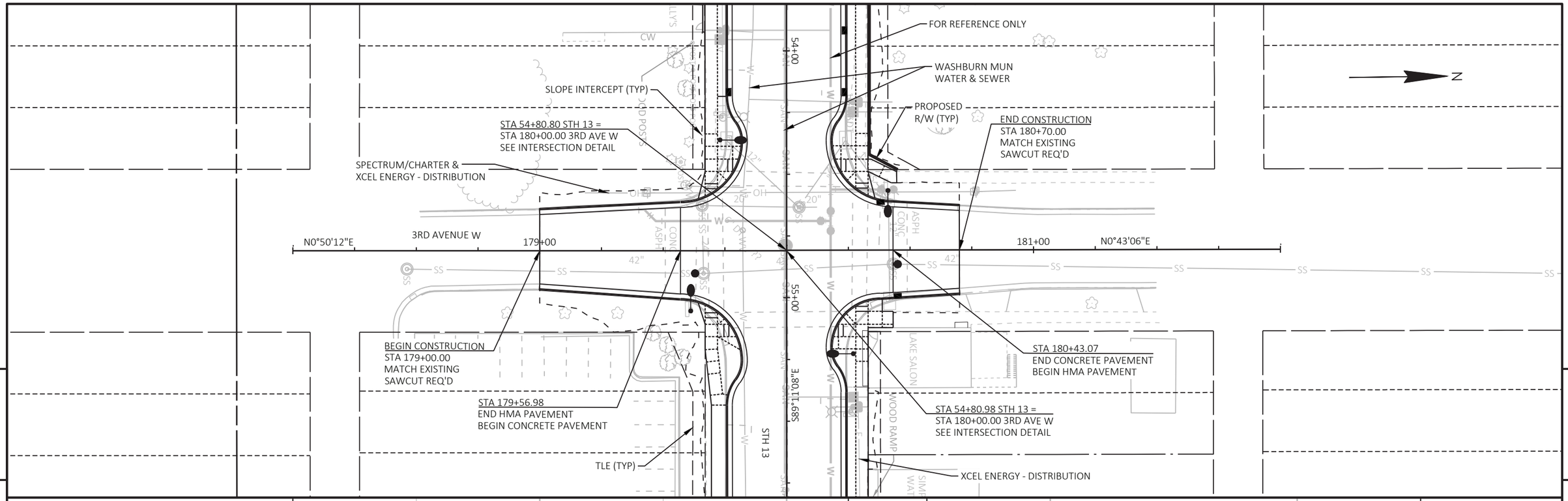
WISDOT/CADDS SHEET 44

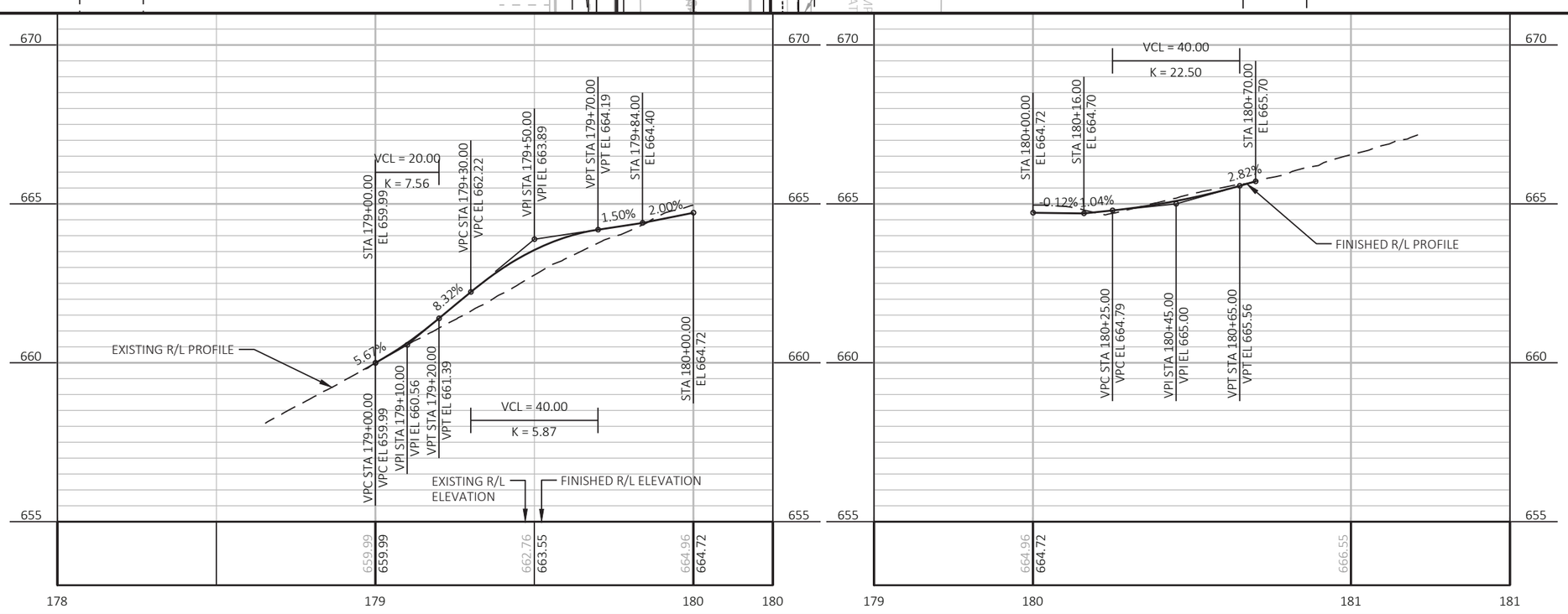




PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: 4TH AVENUE	SHEET 184 E

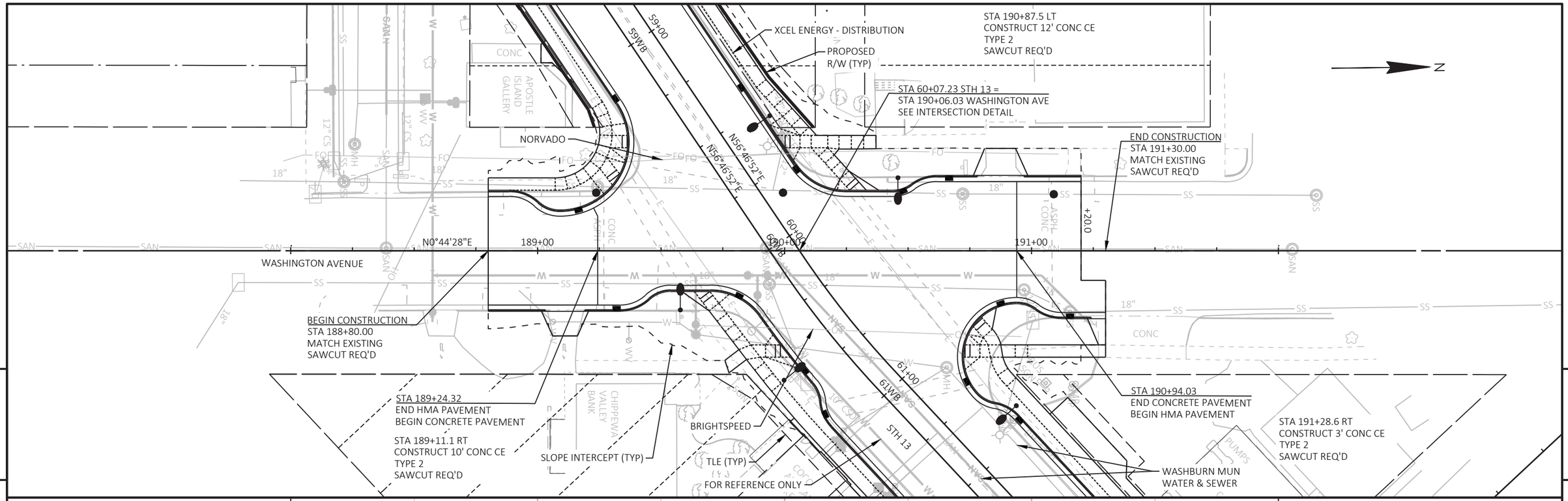
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050102_PP.DWG
LAYOUT NAME - 4TH AVE
PLOT DATE : 5/8/2023 9:25 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

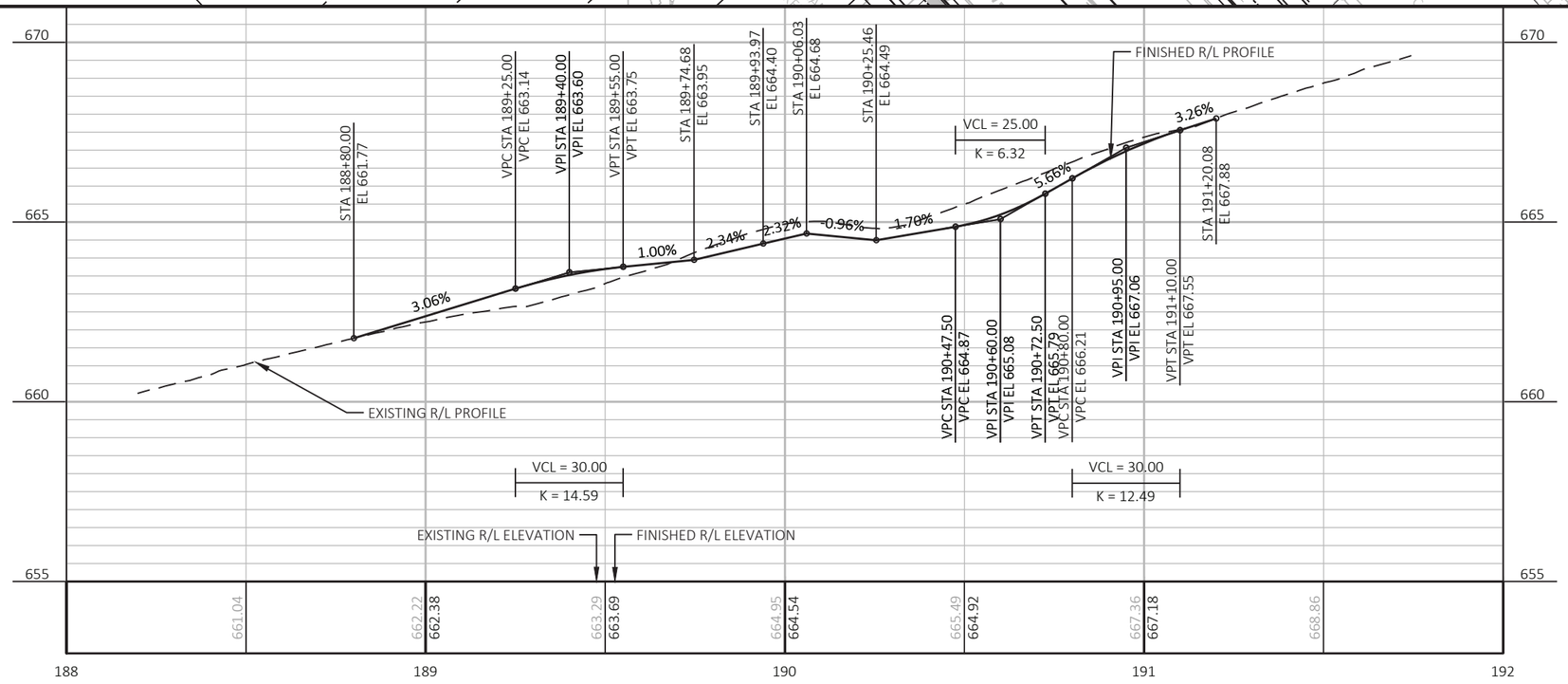




PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: 3RD AVENUE	SHEET 185 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050102_PP.DWG
LAYOUT NAME - 3RD AVE
PLOT DATE : 5/8/2023 9:26 AM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44





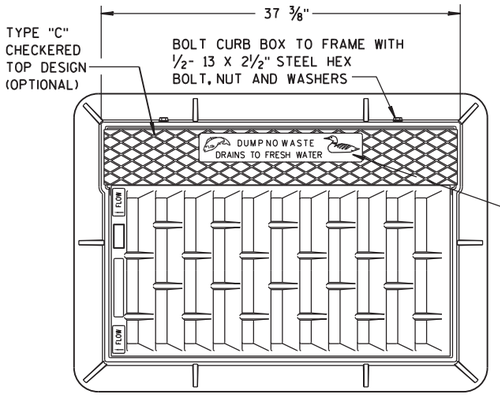
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	PLAN AND PROFILE: WASHINGTON AVENUE	SHEET 186	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\050102_PP.DWG
LAYOUT NAME - WASHINGTON AVE
PLOT DATE : 5/23/2023 1:14 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

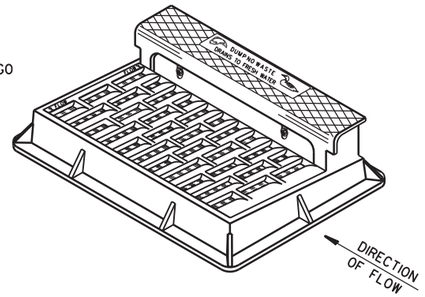
Standard Detail Drawing List

08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-19D	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
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
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
08D15-05A	EDGEDRAIN OUTLET AND OUTFALL MARKERS
08D21-01	DRIVEWAYS WITHOUT CURB & GUTTER
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
08F06-04	REINFORCED CONCRETE APRON ENDWALL FOR PIPE UNDERDRAIN
09B02-10	CONDUIT
09B16-02	PULL BOX NON-CONDUCTIVE
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C18-07A	CONCRETE PAVEMENT JOINTING
13C18-07B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-07C	CONCRETE PAVEMENT JOINT TYPES
13C18-07D	CONCRETE PAVEMENT JOINT TYPES AT UTILITY FIXTURES
13C18-07F	CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
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
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-22A	LONGITUDINAL MARKING (MAINLINE)
15C08-22C	PAVEMENT MARKING (TURN LANES)
15C08-22D	PAVEMENT MARKING (TURN LANES)
15C19-08A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-05A	PAVEMENT MARKING (INTERSECTIONS)
15C36-01	PARKING STALL MARKING
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
15D30-08K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

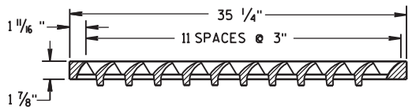
6

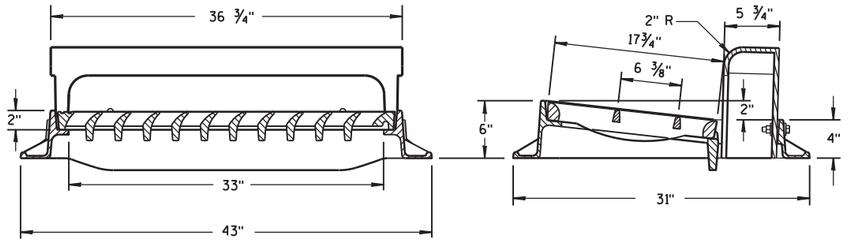


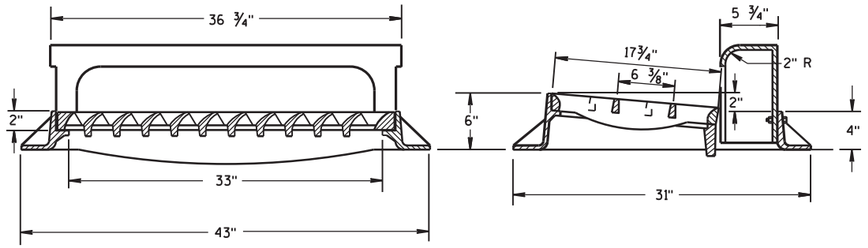
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

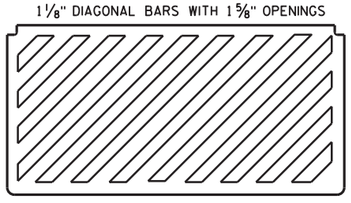






TYPE "H"

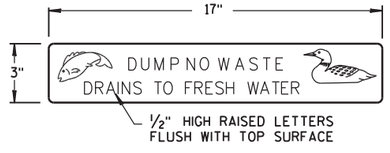
NOTE: EITHER CASTING IS ACCEPTABLE



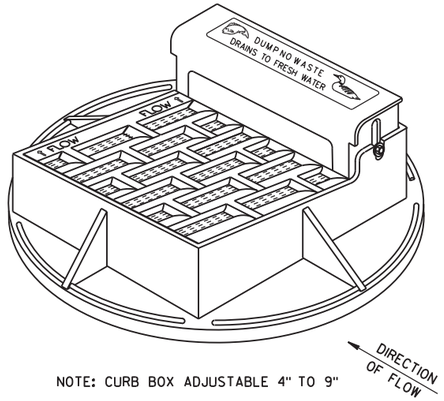
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

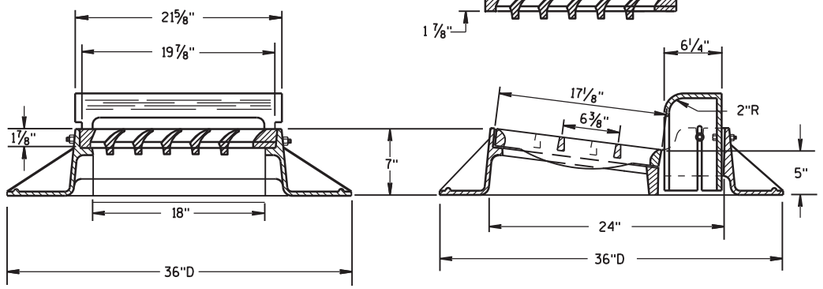


LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.



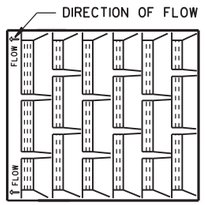
TYPE "A"

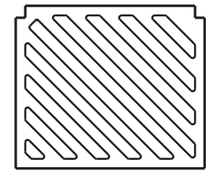
GENERAL NOTES

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.

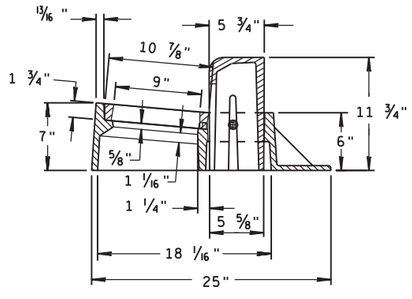


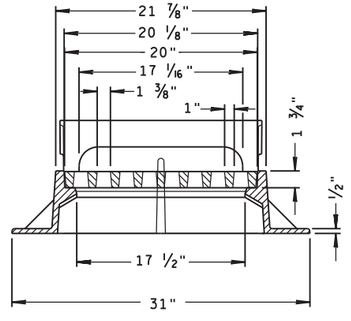


SPECIAL GRATE FOR TYPE "A" COVER

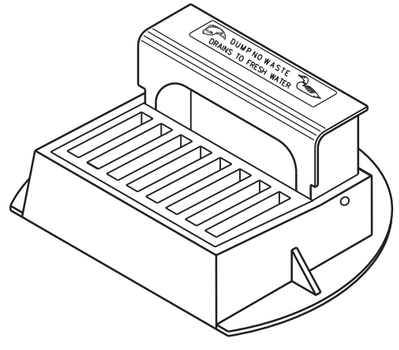
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"

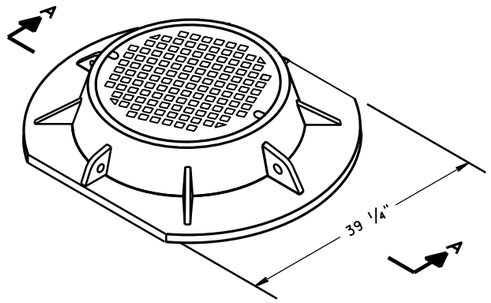


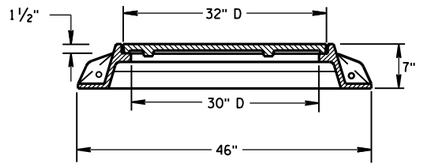
INLET COVERS TYPE A, H, A-S, H-S & Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

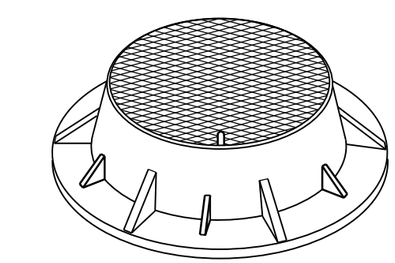
APPROVED
11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

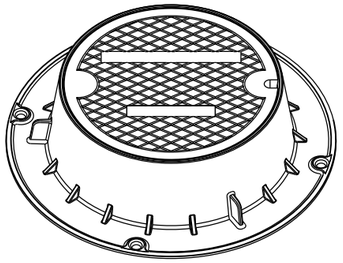
S.D.D. 8 A 5-19a

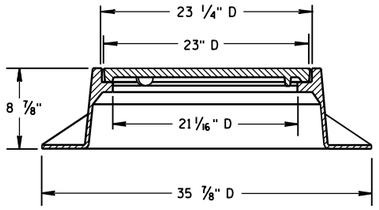


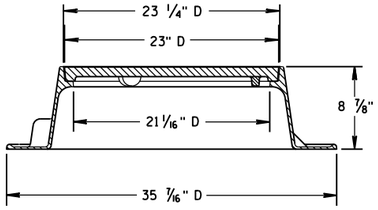


SECTION A-A
TYPE "K"









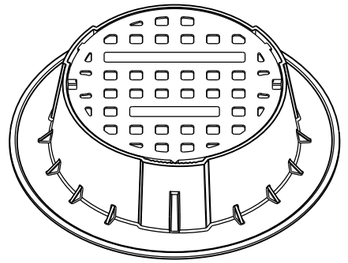
TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

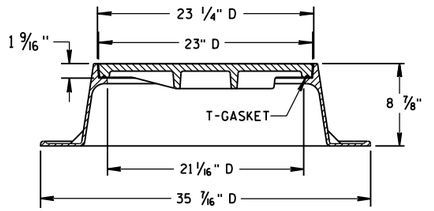
GENERAL NOTES

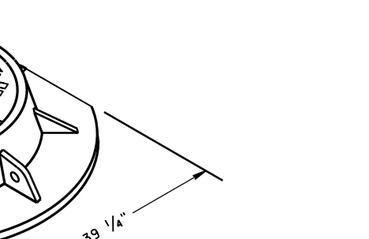
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

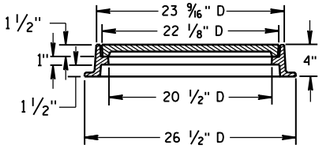
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

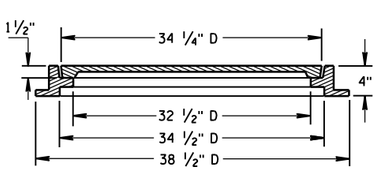




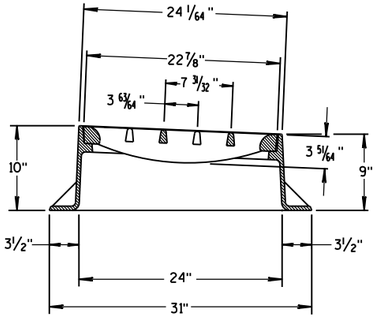


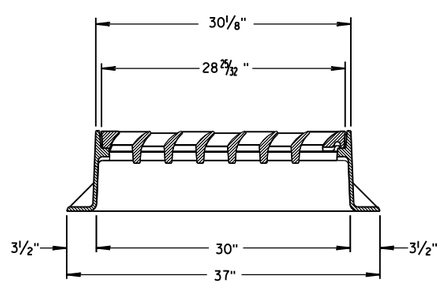


TYPE "L"

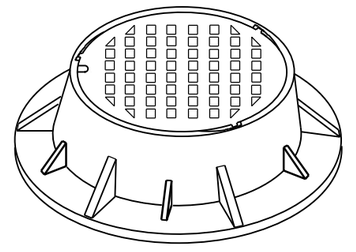


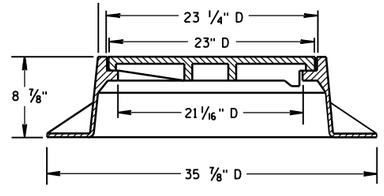
TYPE "M"





INLET COVER TYPE "BW"





TYPE "J" SPECIAL
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)
NOTE: EITHER CASTING IS ACCEPTABLE

INLET COVER TYPE BW
MANHOLE COVERS, TYPE K, J, J-S, L & M

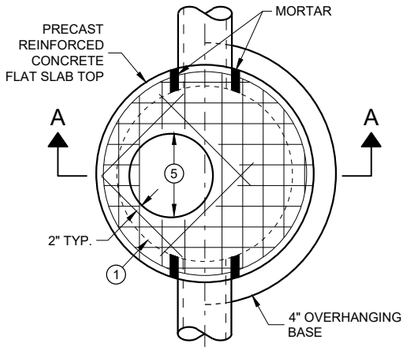
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE
FHWA

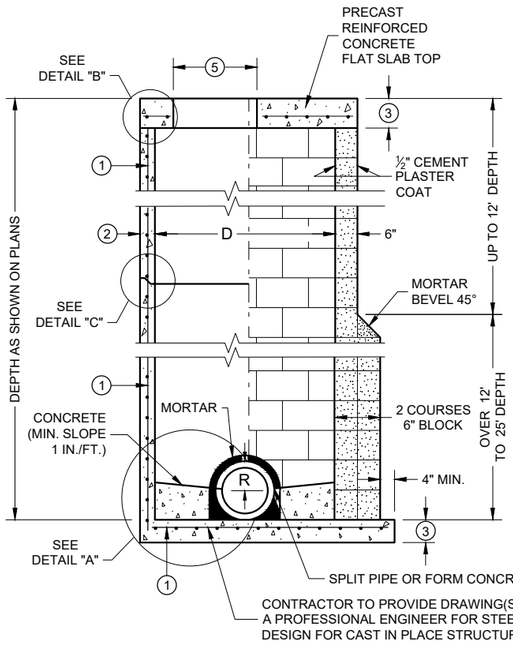
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

6

S.D.D. 8 A 5-19d



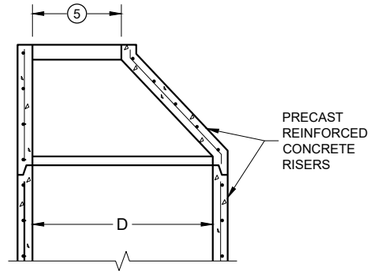
PLAN VIEW
CIRCULAR OPENING



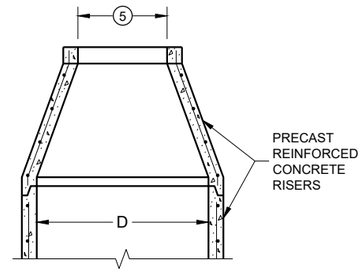
SECTION A - A

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

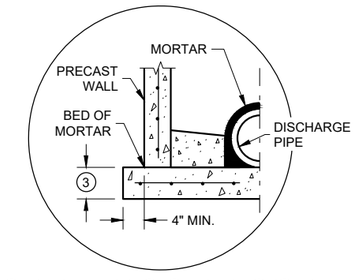
MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

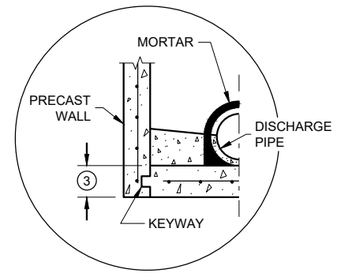
PIPE MATRIX

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.

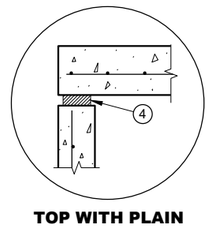


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

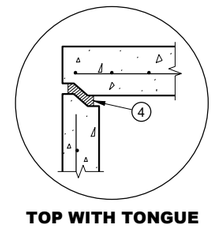


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

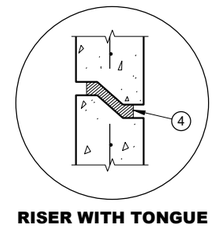
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

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 MANHOLE 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. 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 MANHOLE 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 PERMITTED 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 "D".

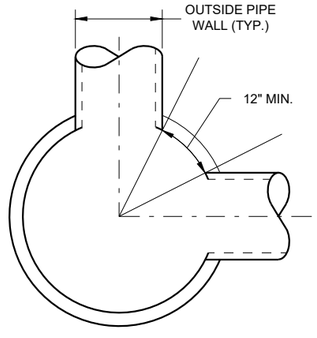
(1) FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(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

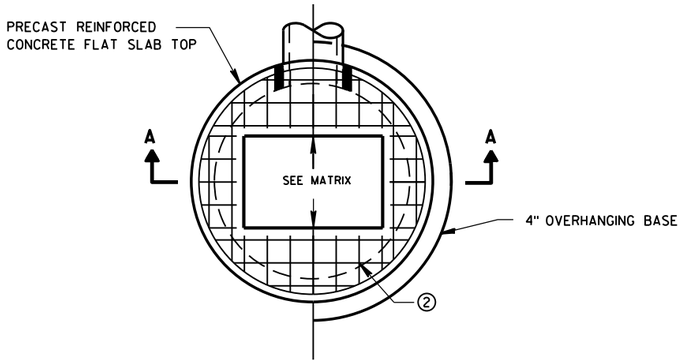
MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

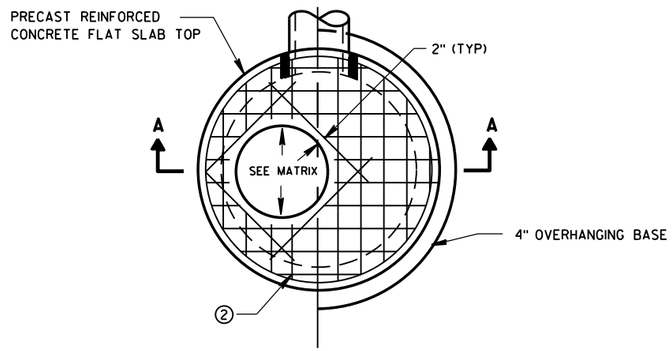
APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
190
FHWA

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

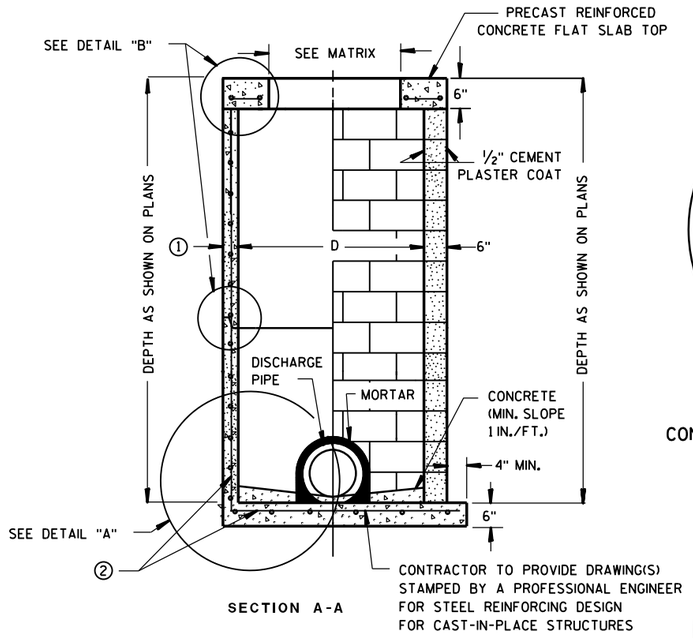
6
SDD 08B09 - 03



PLAN VIEW RECTANGULAR OPENING



PLAN VIEW CIRCULAR OPENING

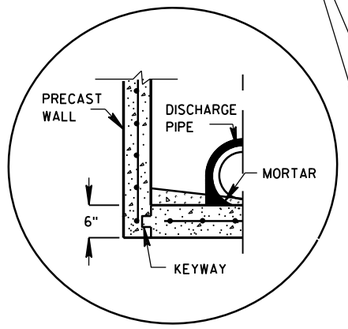


SECTION A-A

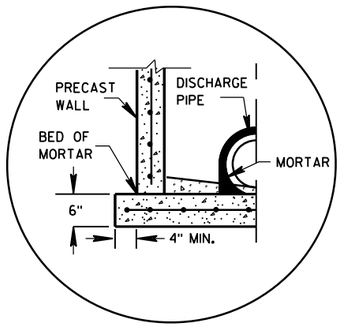
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

CIRCULAR INLETS W/ FLAT TOP

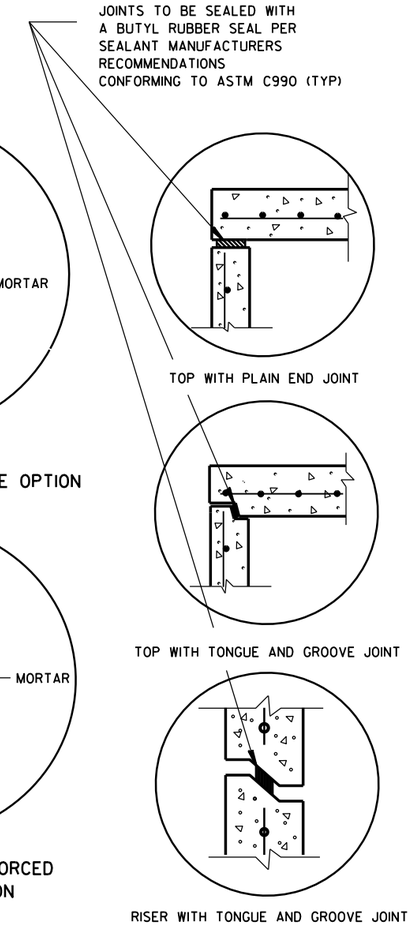


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



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.

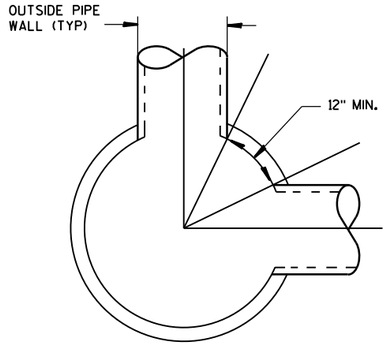
FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

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

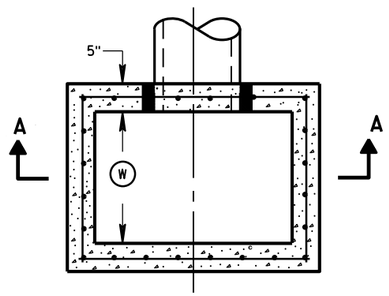
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept.. 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS | UNIT SUPERVI ENT
FHWA

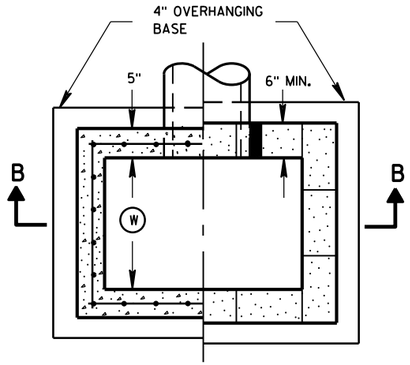
INLETS 3-FT AND 4-FT DIAMETER

6

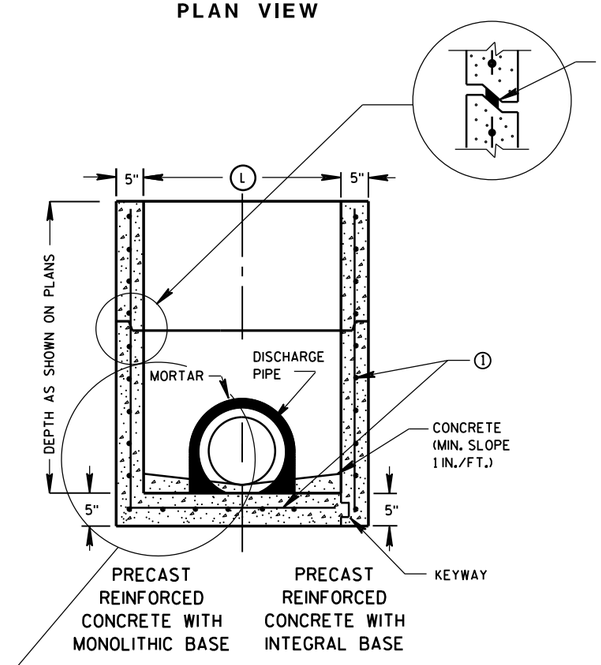
S.D.D. 8 C 6-2



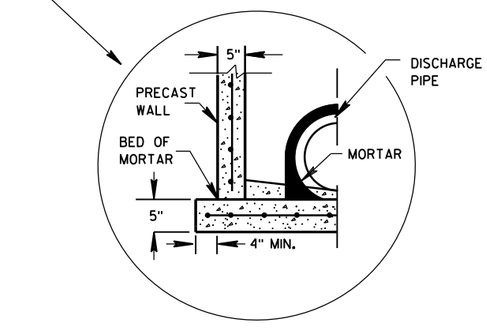
PLAN VIEW



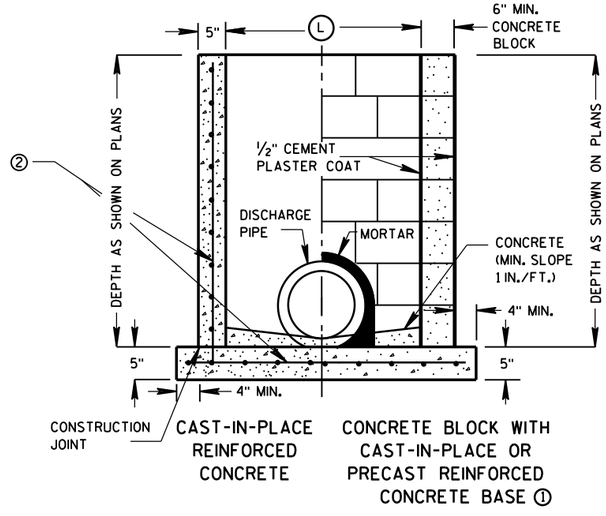
PLAN VIEW



SECTION A-A



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION



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.

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.

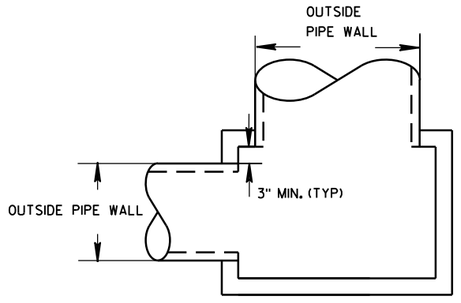
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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DATE
/S/ Rodney Taylor
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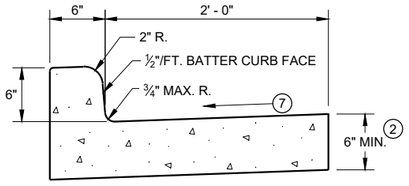
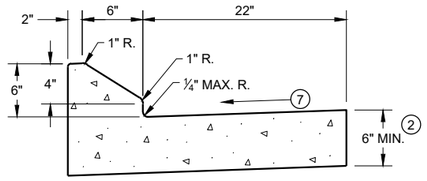
FHWA

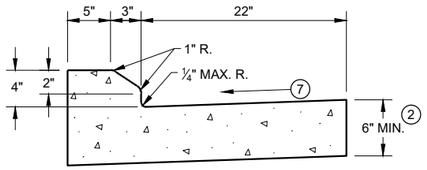
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT



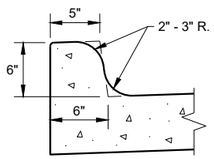
TYPES A[1] & D



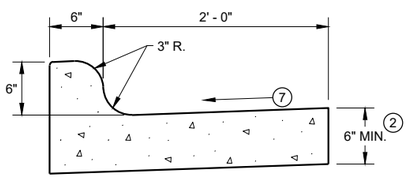
6" SLOPED CURB TYPES G[1] & J



4" SLOPED CURB TYPES G[1] & J

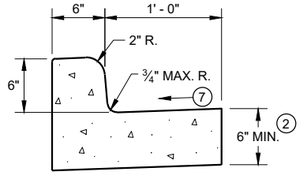


TYPES K[1] & L
(OPTIONAL CURB SHAPE)



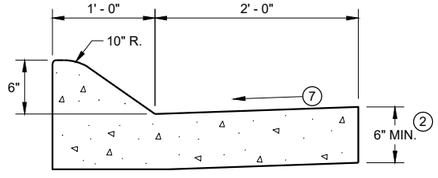
TYPES K[1] & L

CONCRETE CURB AND GUTTER 30"



TYPES A[1] & D

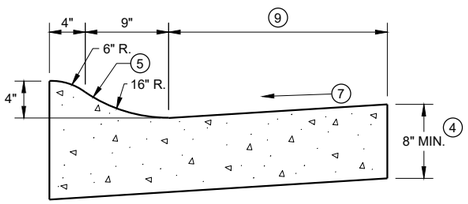
CONCRETE CURB AND GUTTER 18"



6" SLOPED CURB TYPES A[1] & D

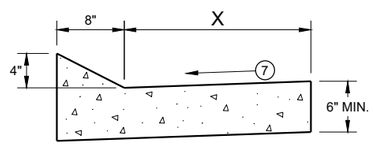
4" SLOPED CURB TYPES A[1] & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R[1] & T

TBT & TBTT	X
30"	22"
36"	28"

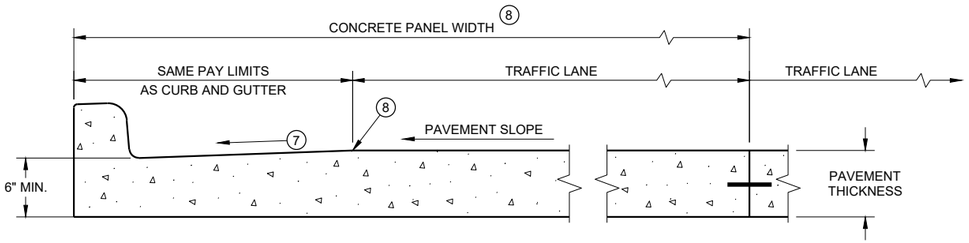


TYPES TBT & TBTT[1]

CONCRETE CURB AND GUTTER

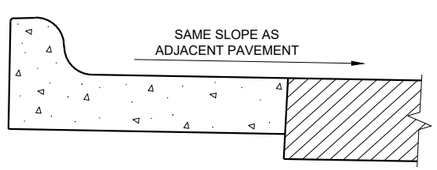
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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.

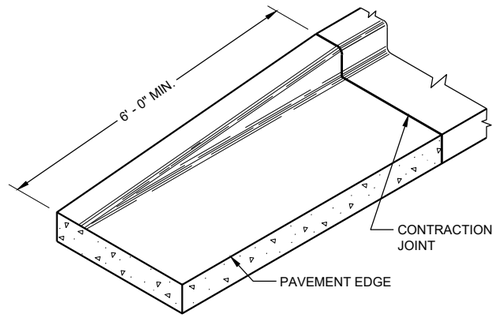
INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

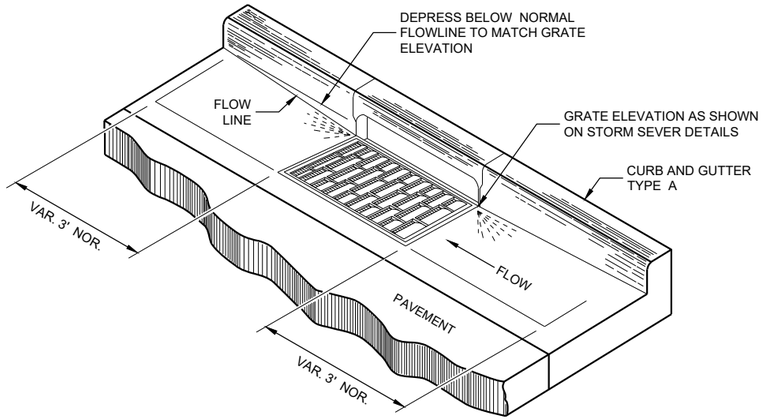
1. TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
2. THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
3. USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH 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

6
SDD 08D01 - 22a



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.

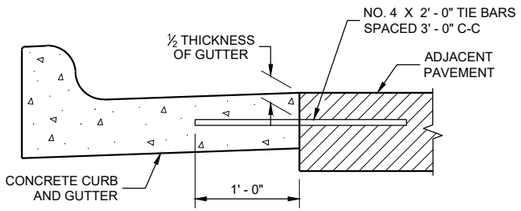
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

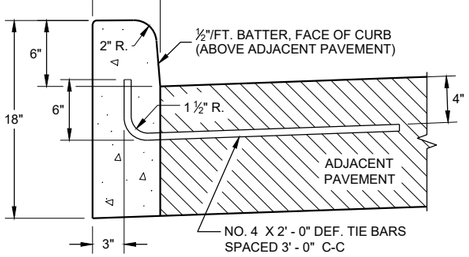
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(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.

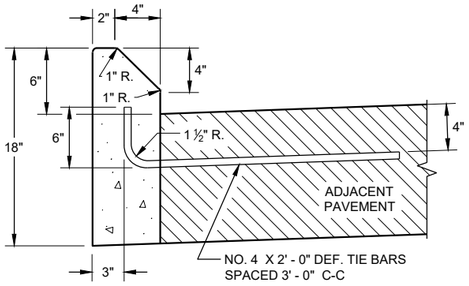
(9) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION (1)

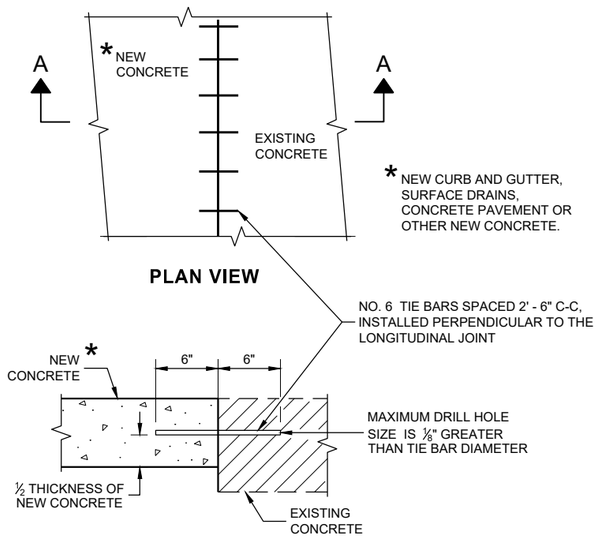


TYPES A (1) & D

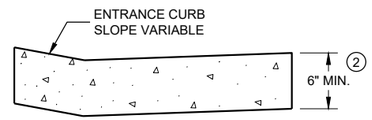


TYPES G (1) & J

CONCRETE CURB



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
FHWA

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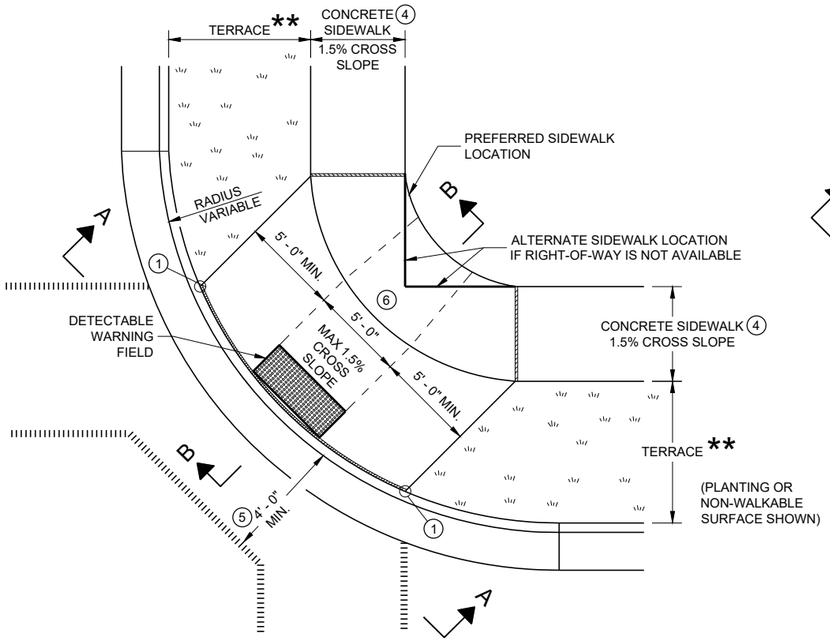
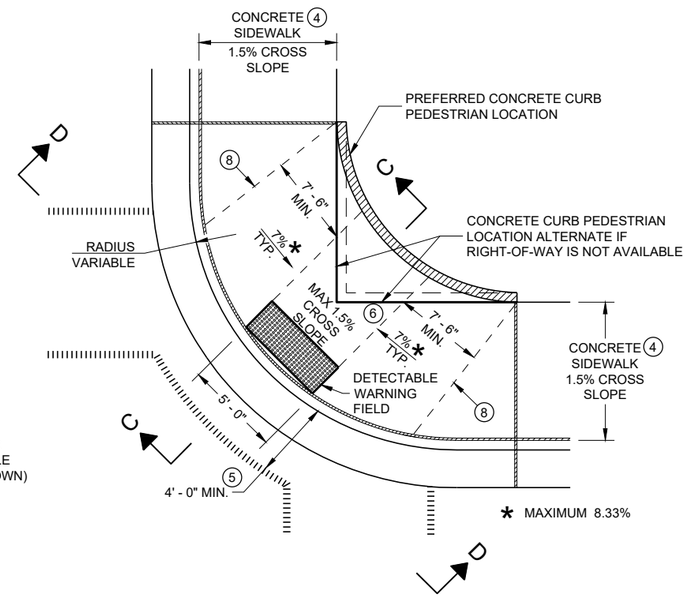
SDD08D01 - 22b



PLAN VIEW

CURB RAMP TYPE 1

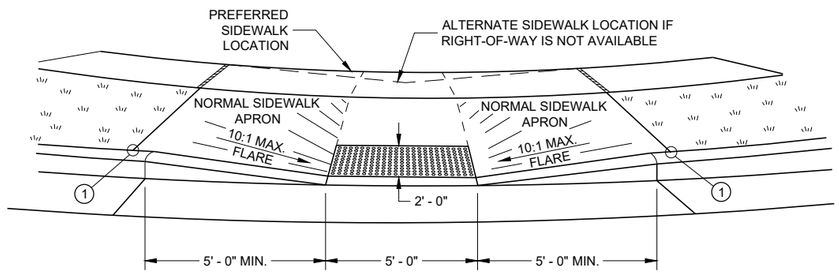
(CENTER OF CORNER RADIUS)



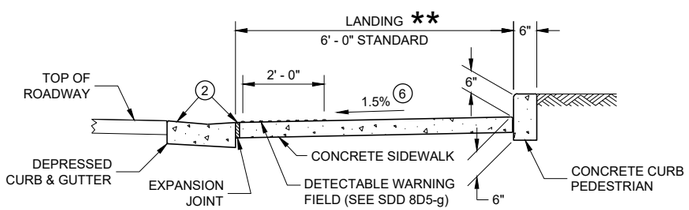
PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

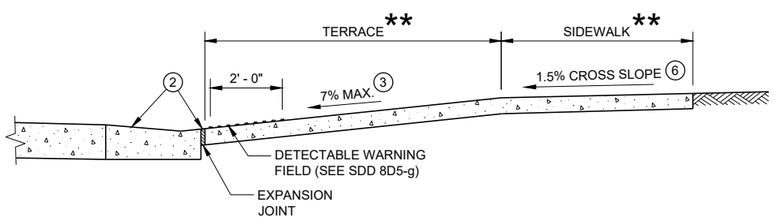


VIEW A - A FOR TYPE 1

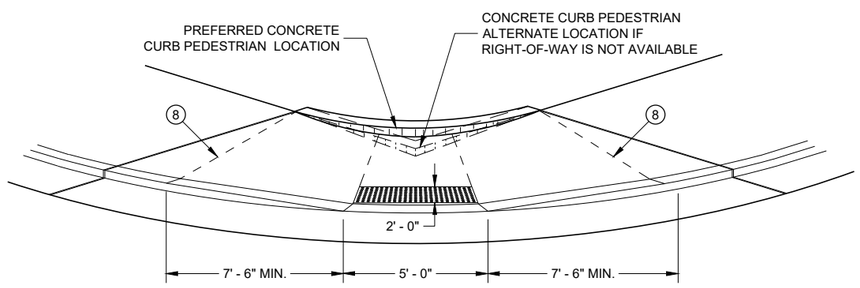


SECTION C - C FOR TYPE 1 - A

** 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

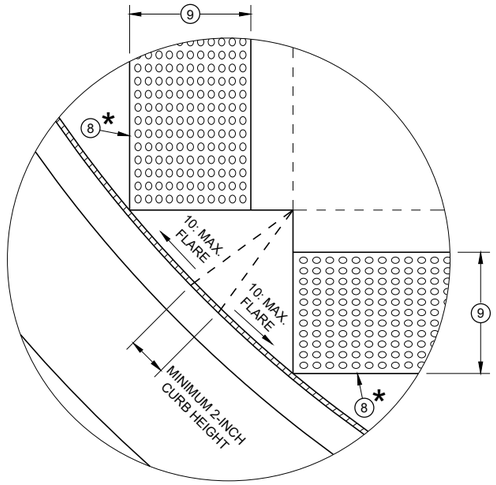
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPE 1 AND 1-A

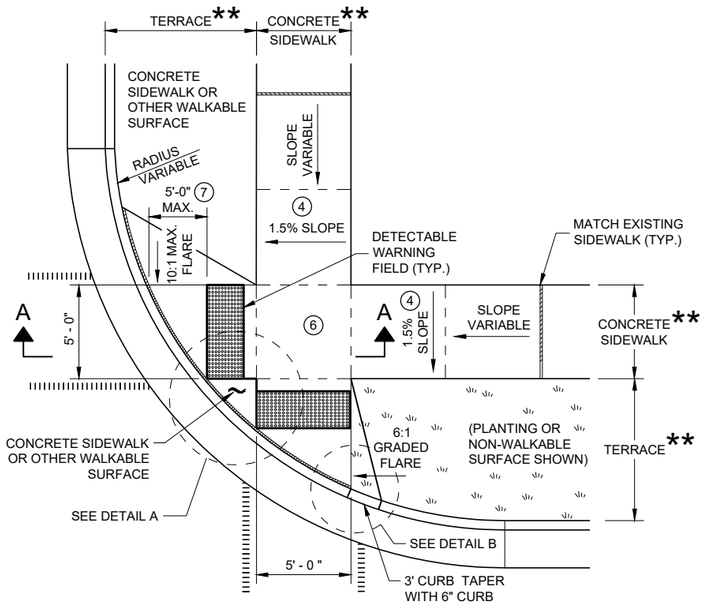
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

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.

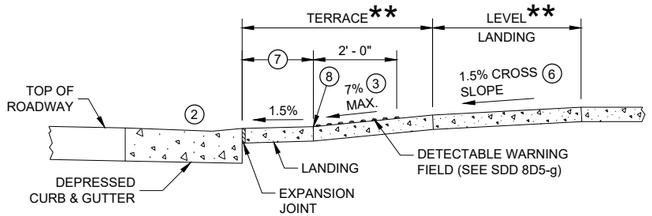
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(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.

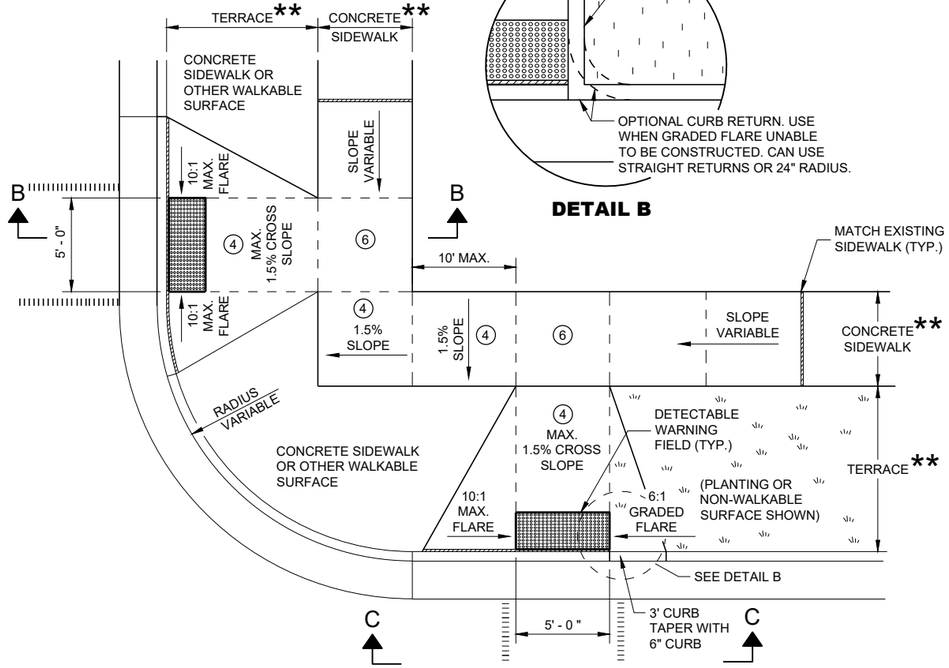
(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.



SECTION A - A FOR TYPE 2

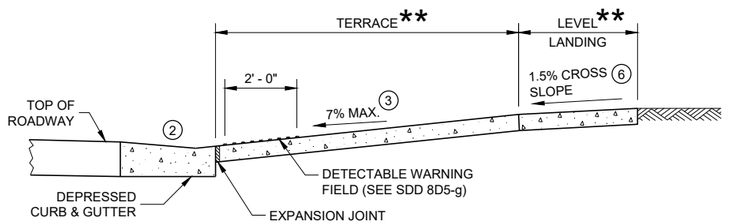
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS



DETAIL B

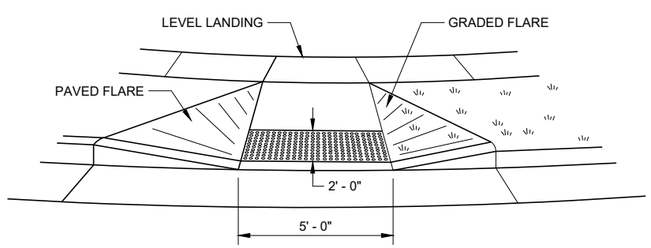
PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)



SECTION B - B FOR TYPE 3

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)



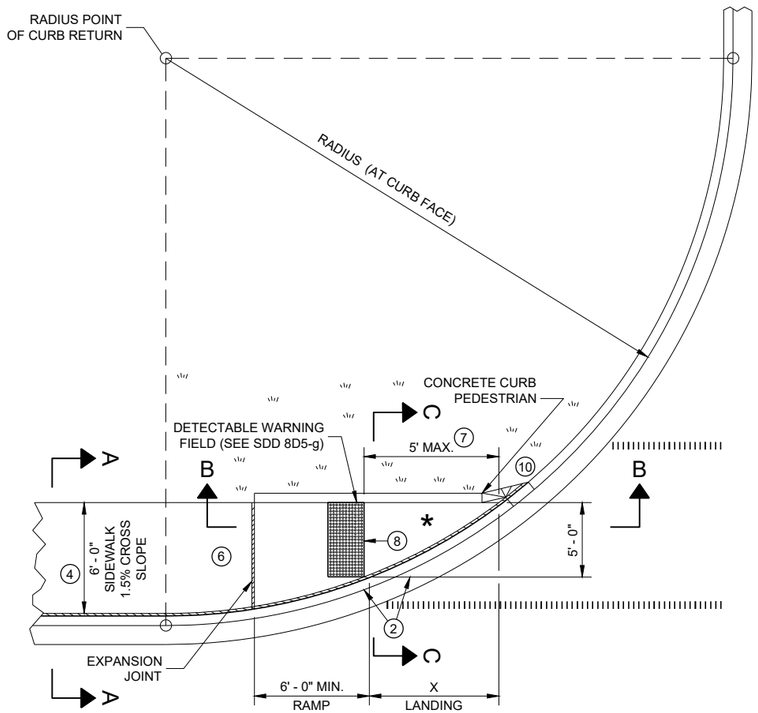
VIEW C - C FOR TYPE 3

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D05 - 20b

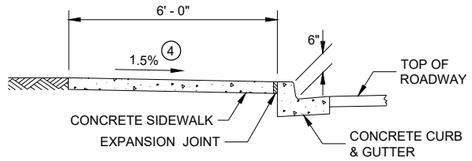


PLAN VIEW

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.

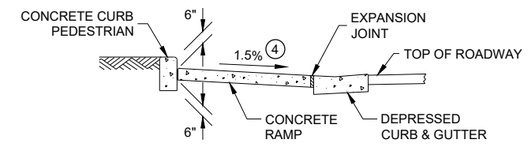
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

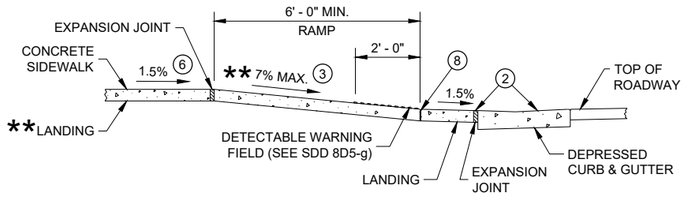
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)



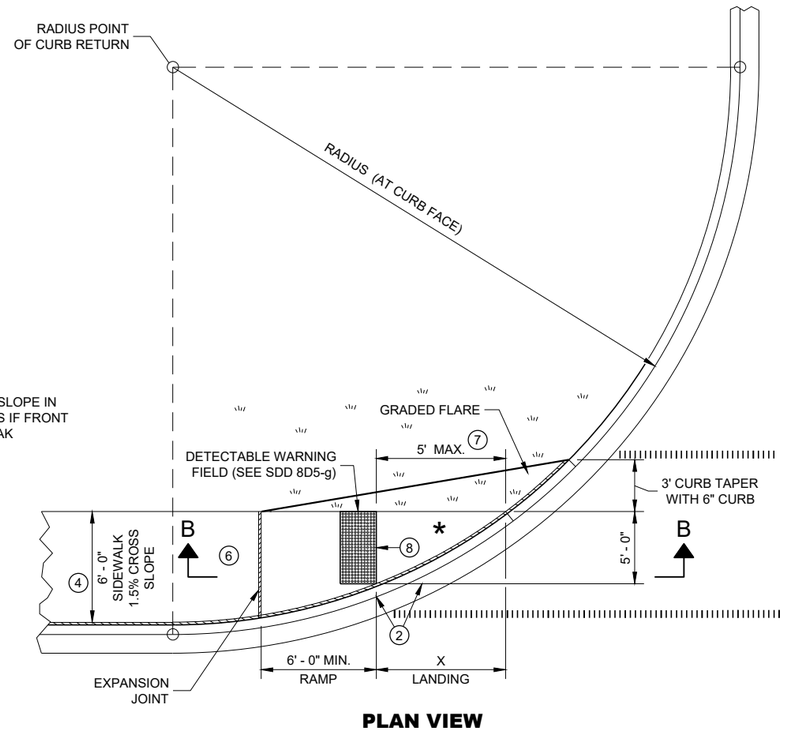
SECTION C - C FOR TYPE 4A



** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

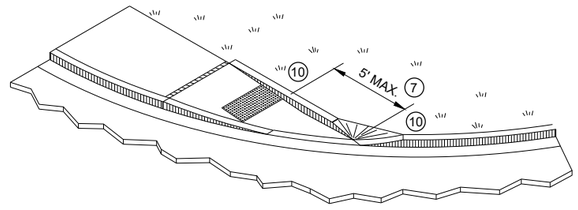
SECTION B - B FOR TYPE 4A AND TYPE 4A1

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

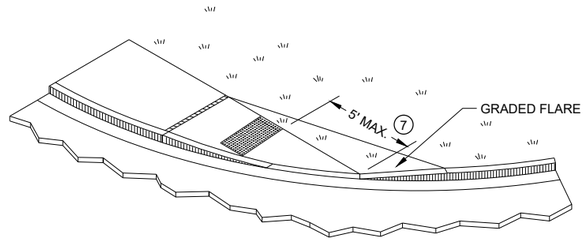


PLAN VIEW

CURB RAMP TYPE 4A1



ISOMETRIC VIEW FOR TYPE 4A



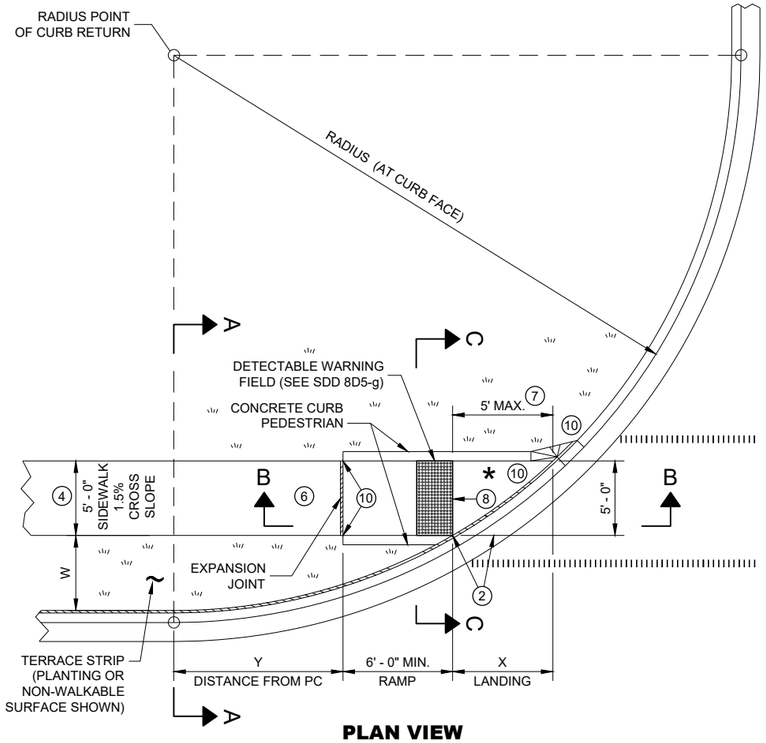
ISOMETRIC VIEW FOR TYPE 4A1

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.

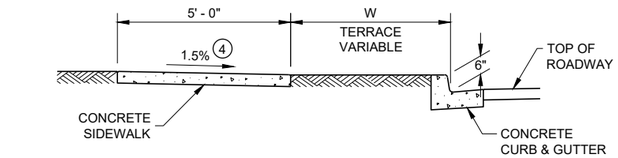
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

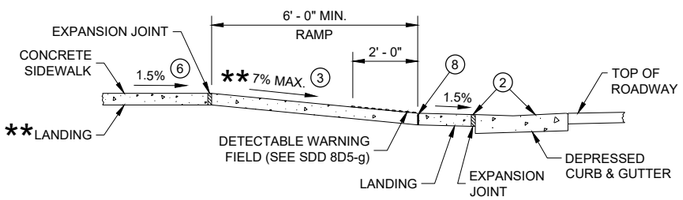
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



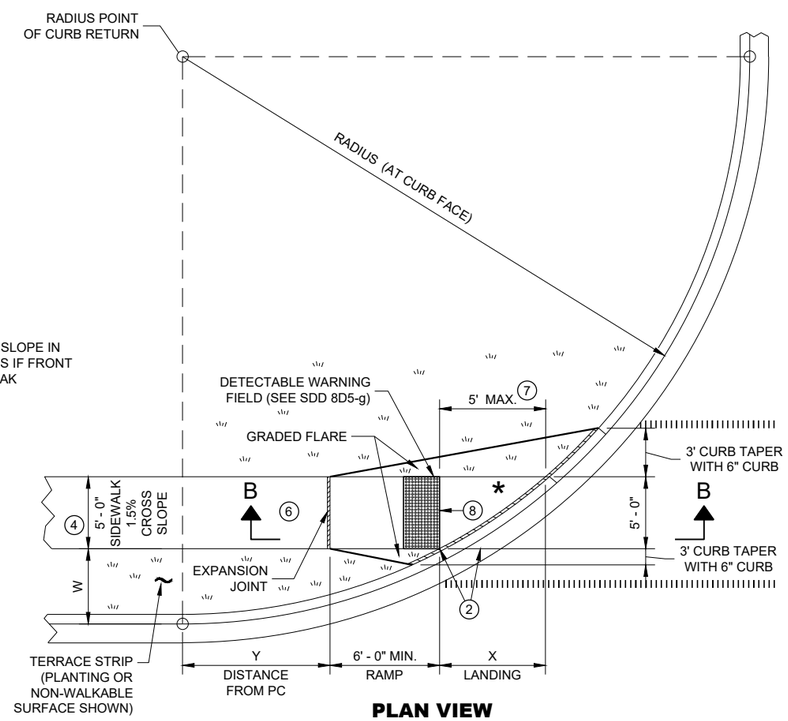
SECTION A - A FOR TYPE 4B



** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

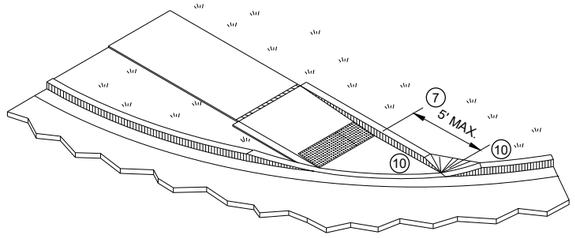
SECTION B - B FOR TYPE 4B AND TYPE 4B1

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

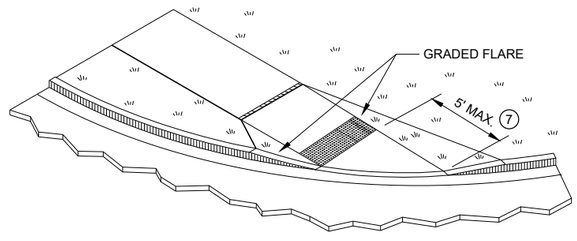


PLAN VIEW

CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B

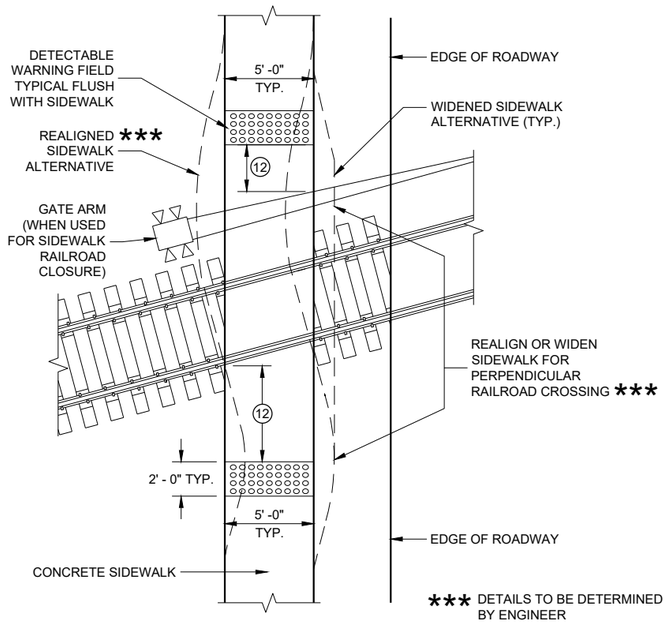


ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS TYPE 4B AND 4B1

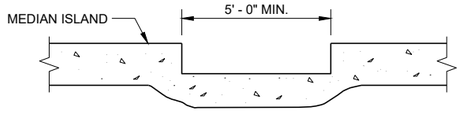
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 08D05 - 20d

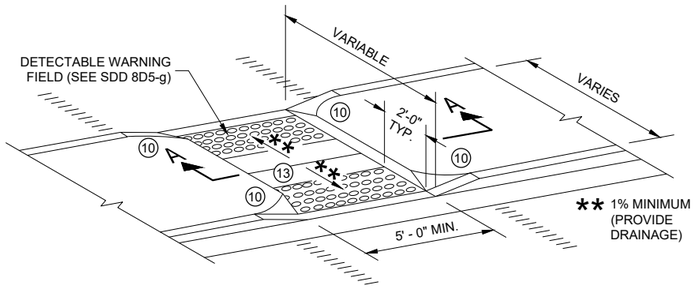


CURB RAMP TYPE 8

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.

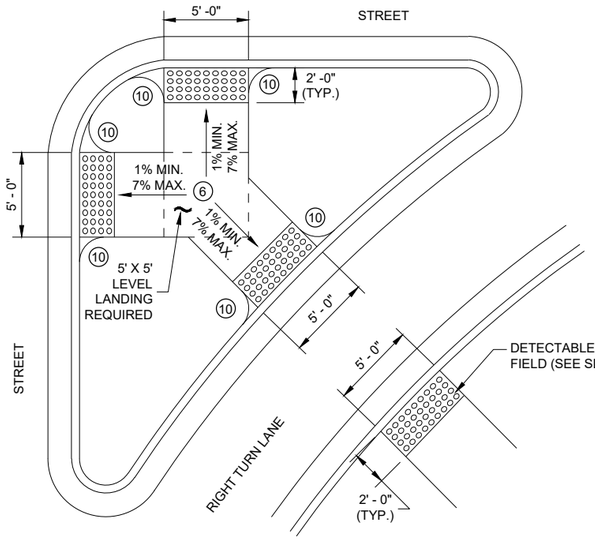
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(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

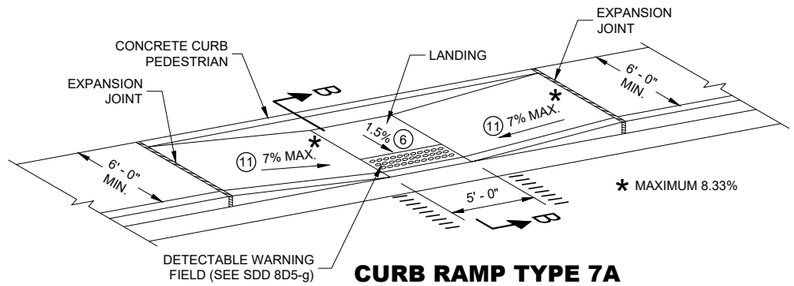
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

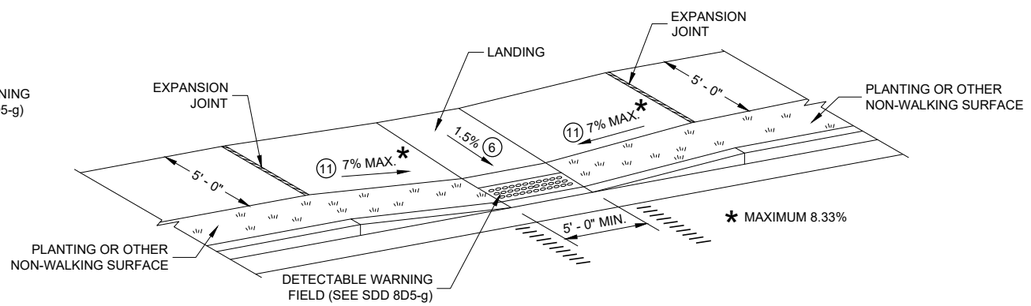
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7A

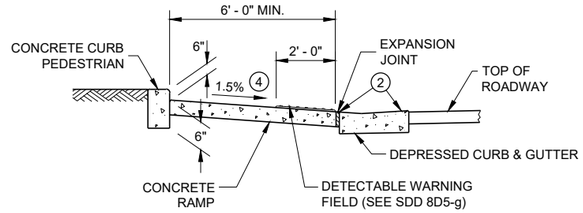
MID BLOCK CROSSING



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

STATE OF WISCONSIN
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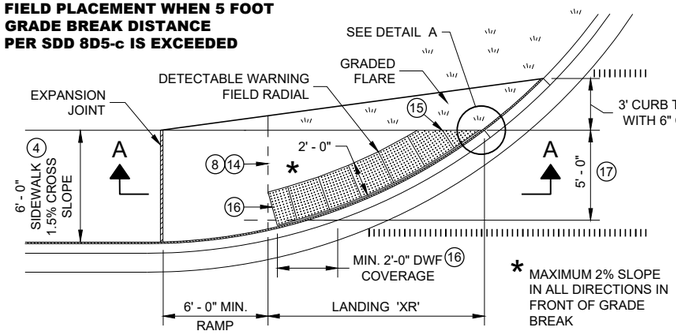
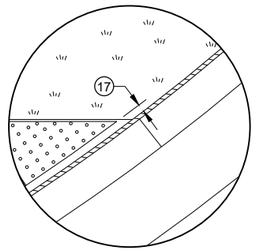
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



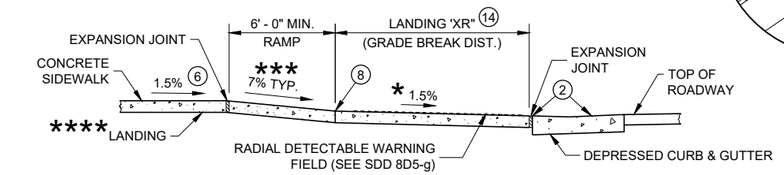
PLAN VIEW

CURB RAMP TYPE 4A1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL A

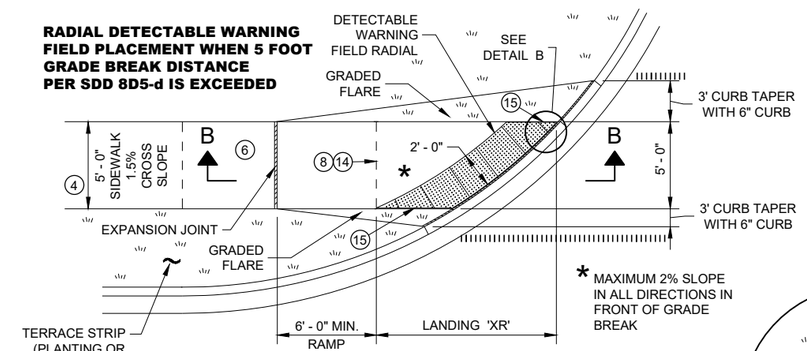


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1

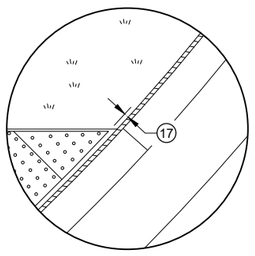
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



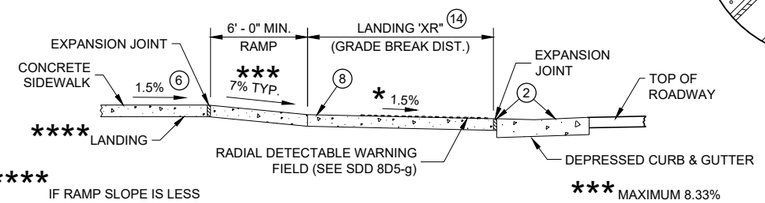
PLAN VIEW

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.

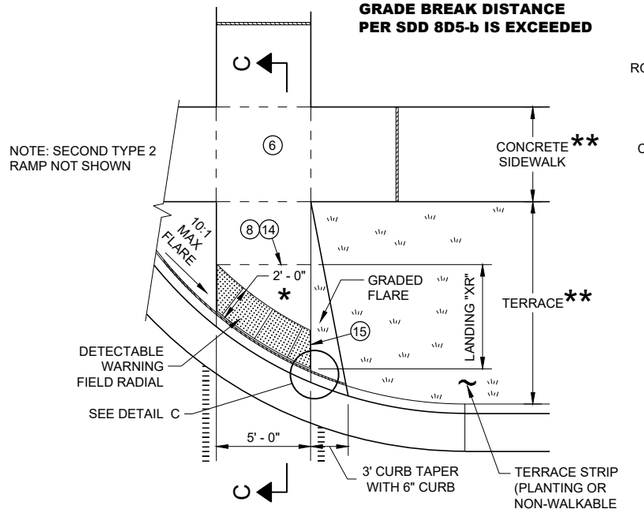
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(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

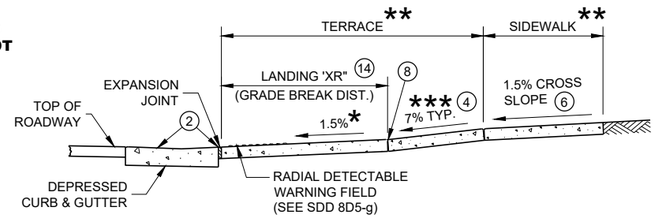


PLAN VIEW

CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)

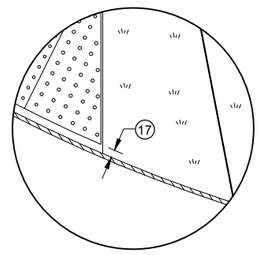


SECTION C - C FOR TYPE 2

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%



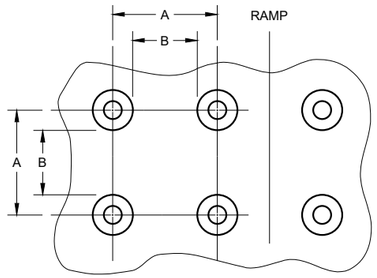
DETAIL C

CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS

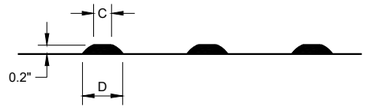
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	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.

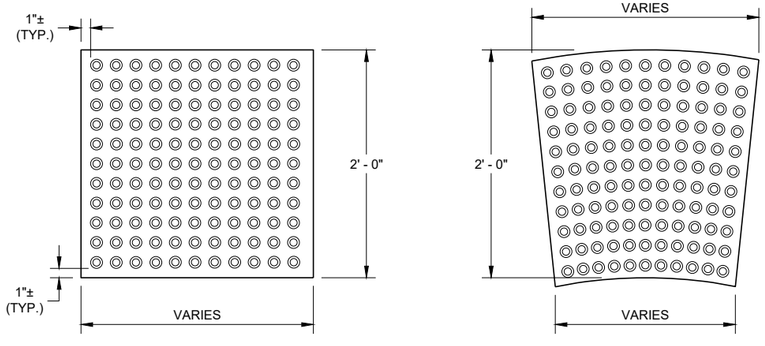


PLAN VIEW



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.

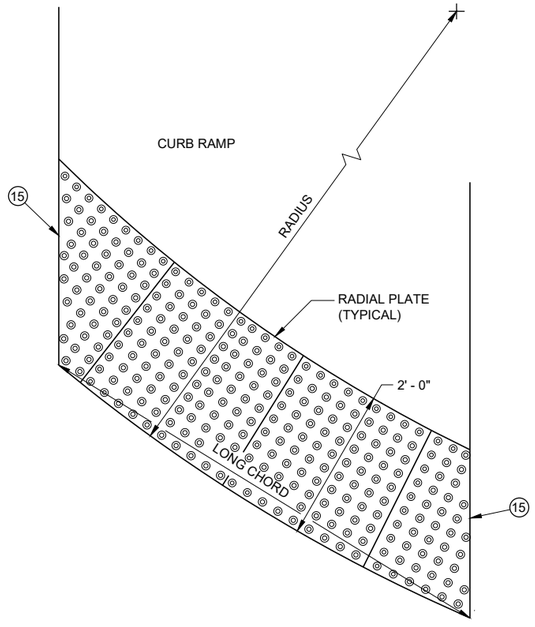
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

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.

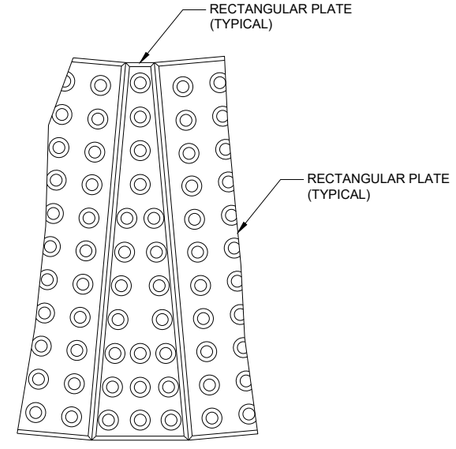
REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

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

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SDD 08D05 - 20g

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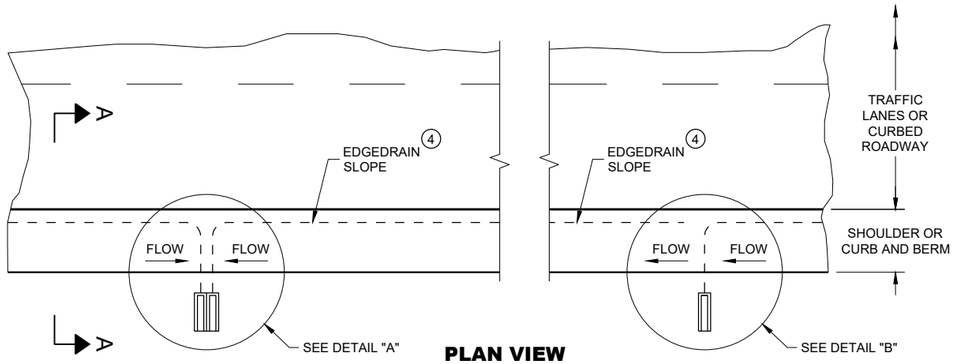
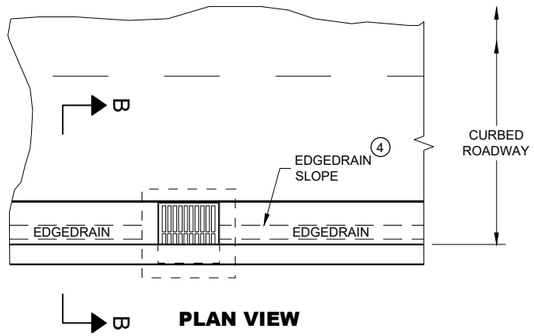


PLAN VIEW

ROADWAY WITH SHOULDERS OR CURBS
(EDGEDRAIN CONNECTS TO ROADSIDE) (2)



PLAN VIEW

ROADWAY WITH CURBS
(EDGEDRAIN CONNECTS INTO INLET STRUCTURE)

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) UNPERFORATED PIPE UNDERDRAIN AND FITTINGS FURNISHED FOR OUTFALL PIPE SHALL MEET THE REQUIREMENTS OF ONE OF THE FOLLOWING SPECIFICATIONS:

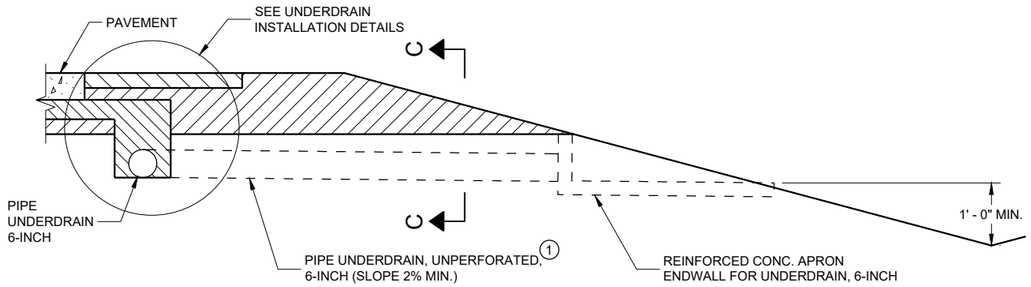
POLYVINYL CHLORIDE (PVC) PLASTIC DRAIN, WASTE, AND VENT PIPE AND FITTINGS, ASTM D 2665, SCHEDULE 40 PVC.

TYPE PSM POLYVINYL CHLORIDE (PVC) SEWER PIPE AND FITTINGS, ASTM D 3034, SDR 23.5 PVC SEWER PIPE.

(2) MAXIMUM SPACING OF EDGEDRAIN OUTLETS SHALL BE 250 FEET UNLESS OTHERWISE SPECIFIED IN THE CONTRACT OR DIRECTED BY THE ENGINEER.

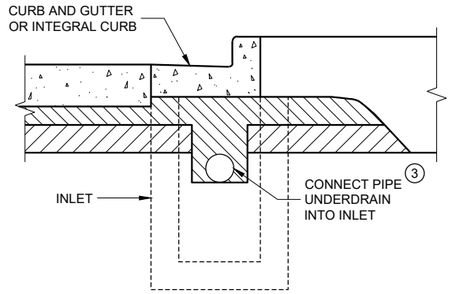
(3) EDGEDRAIN SHALL BE CONNECTED TO INLETS REGARDLESS OF FLOW DIRECTION FOR DRAINAGE AND MAINTENANCE ACCESS.

(4) EDGEDRAIN SHALL BE LAID PARALLEL TO THE GRADE OF ROADWAY.



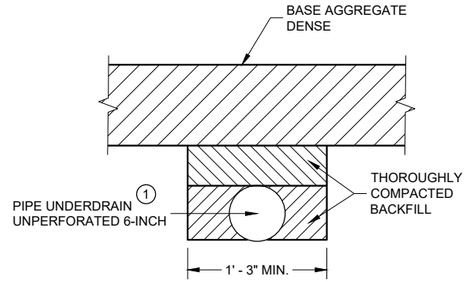
SECTION A - A

RURAL CROSS SECTION



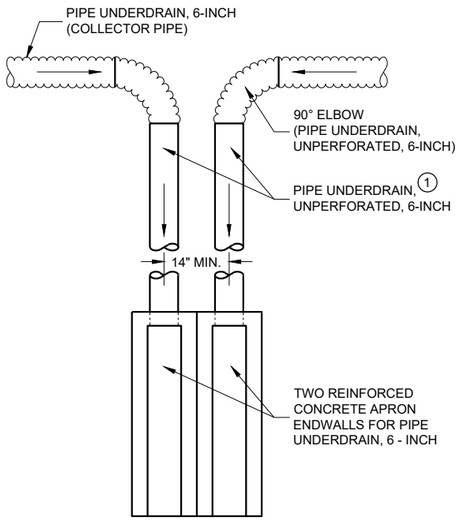
SECTION B - B

URBAN CROSS SECTION

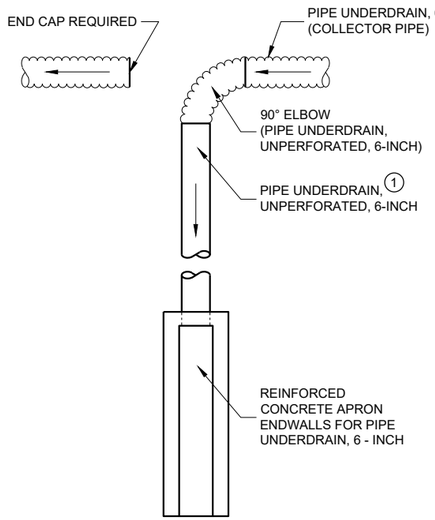


SECTION C - C

TRENCH FOR OUTFALL PIPE

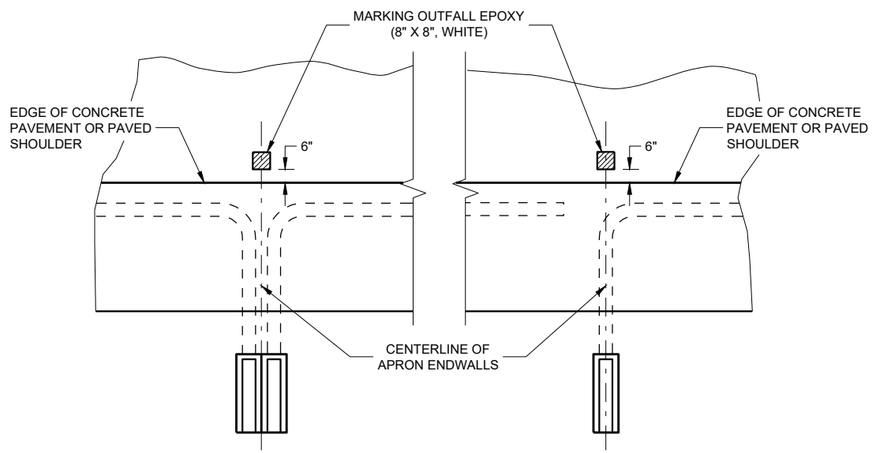


DETAIL "A"
TO BE USED AT LOW POINT LOCATIONS



DETAIL "B"
TO BE USED AT INTERMEDIATE LOCATIONS

TYPICAL DRAIN OUT DETAILS



LOW POINT LOCATIONS — INTERMEDIATE LOCATIONS

PAVEMENT MARKINGS FOR OUTFALL MARKERS

EDGEDRAIN OUTLET AND OUTFALL MARKERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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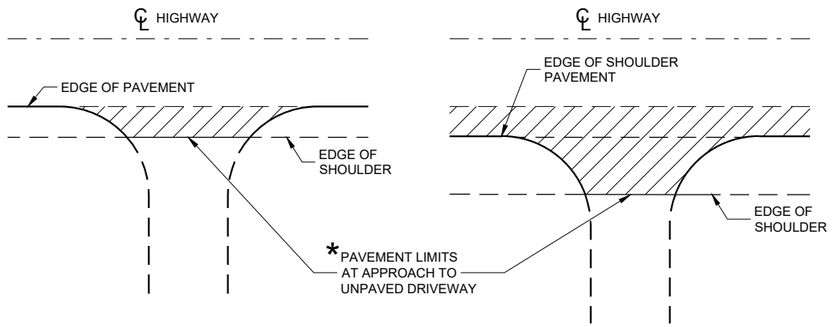
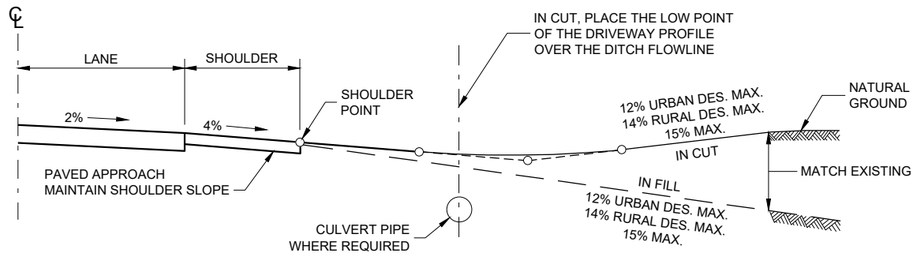
SDD08D15 - 05a



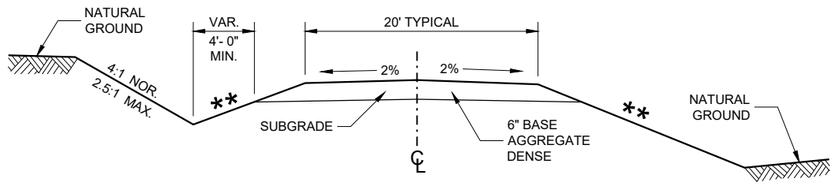
PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL
(NO CURB AND GUTTER OR SIDEWALK)



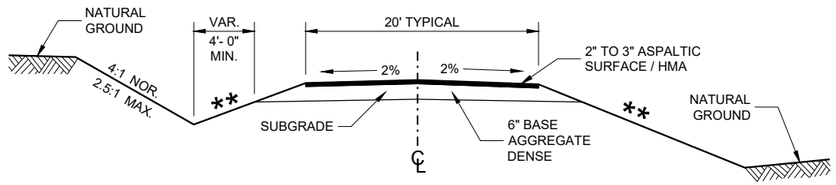
TYPICAL DRIVEWAY PROFILES



** SLOPE CAN VARY WITH SPEED. SEE 11-45-30.6.2

POSTED SPEED MPH	MAX. SLOPE
<35	4:1
≥ 35 TO < 60	6:1
≥60	10:1

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE AGGREGATE SURFACE



TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE ASPHALTIC SURFACE

DRIVEWAYS WITHOUT CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2017 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

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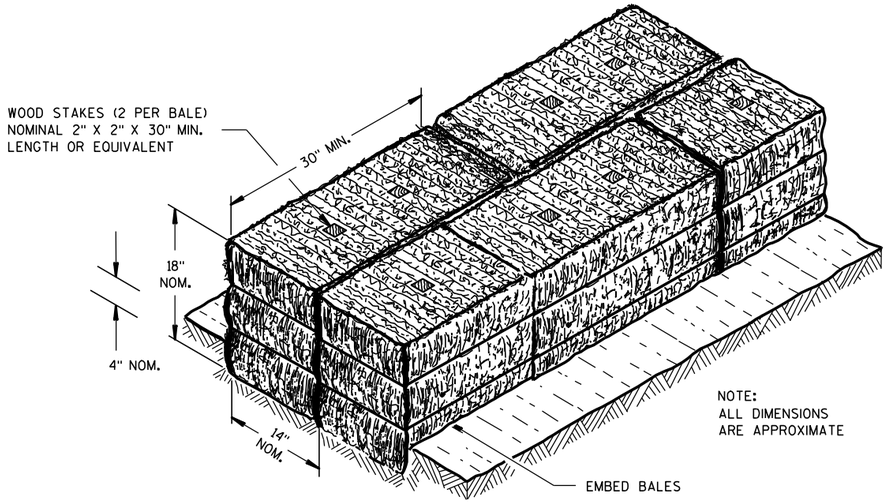
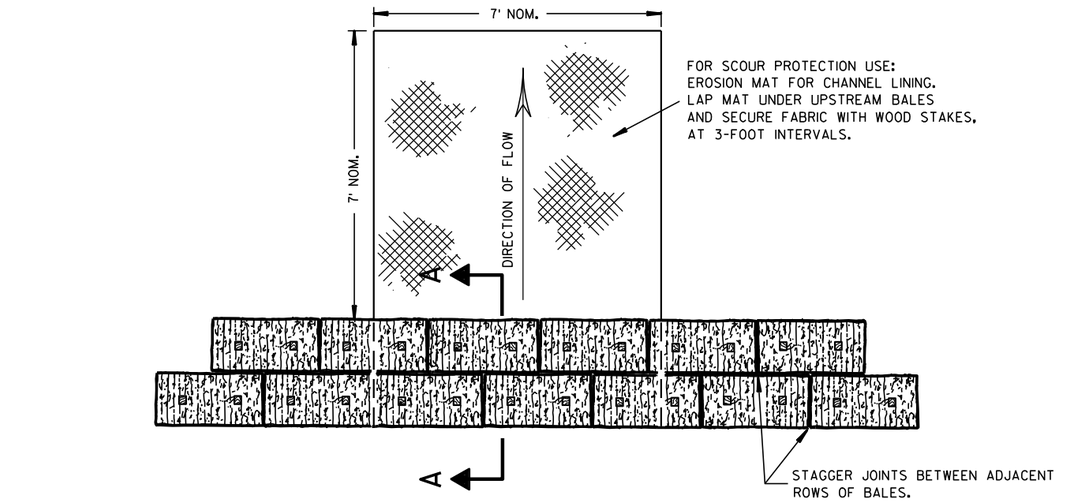
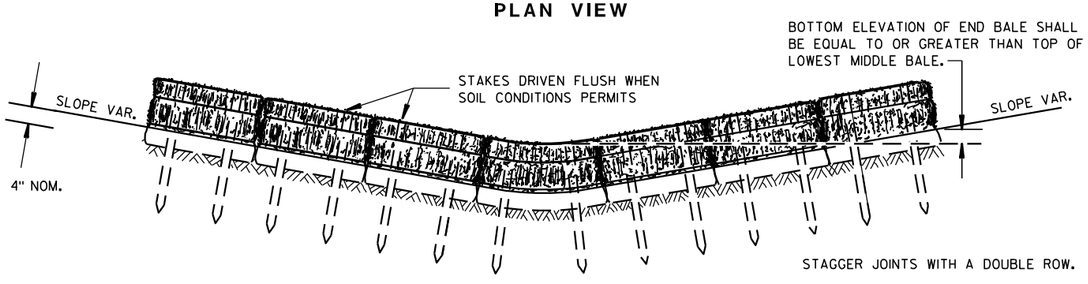
SDD 08D21 - 01



SECTION A-A



PLAN VIEW



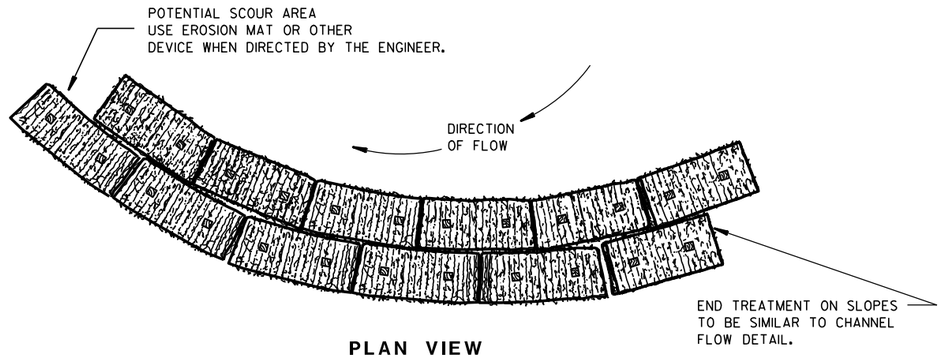
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

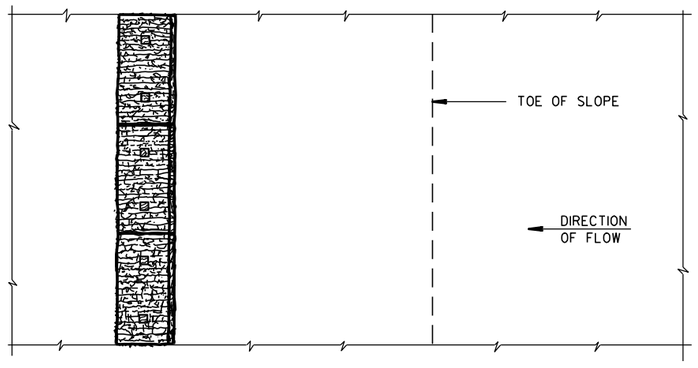
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

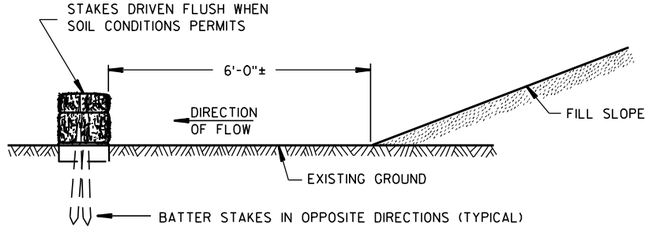


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

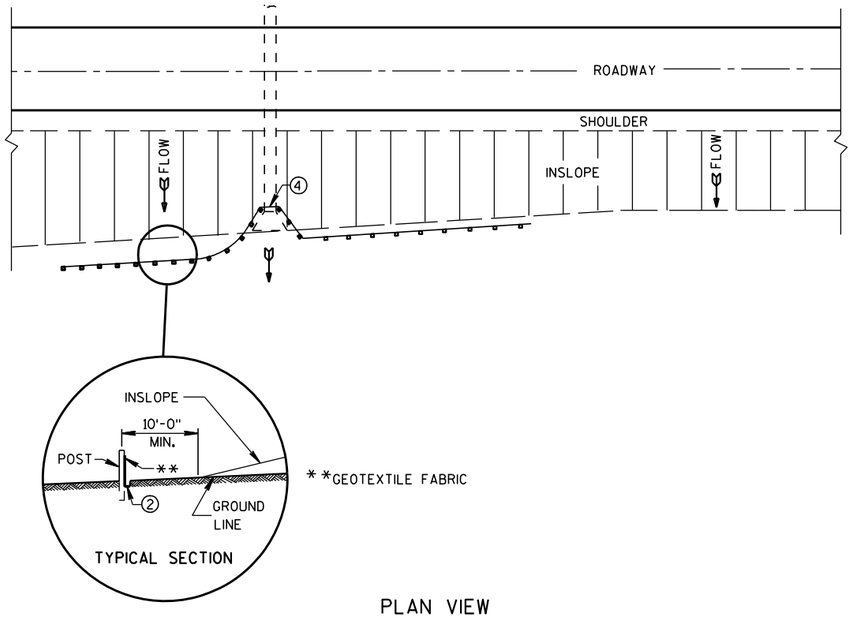
APPROVED
6/04/02 — DATE
/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 8-3

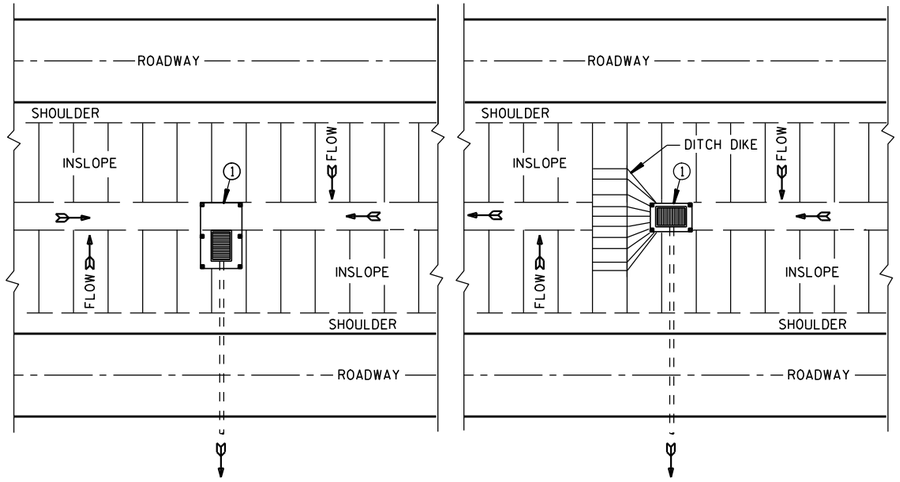
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



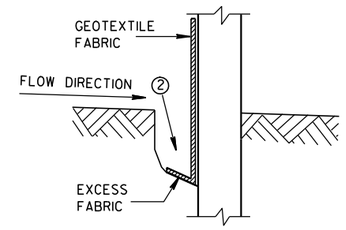
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

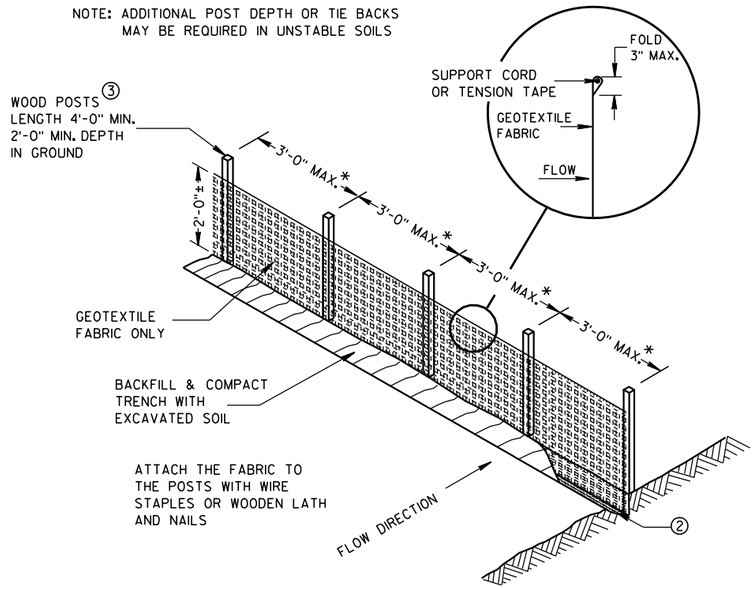
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

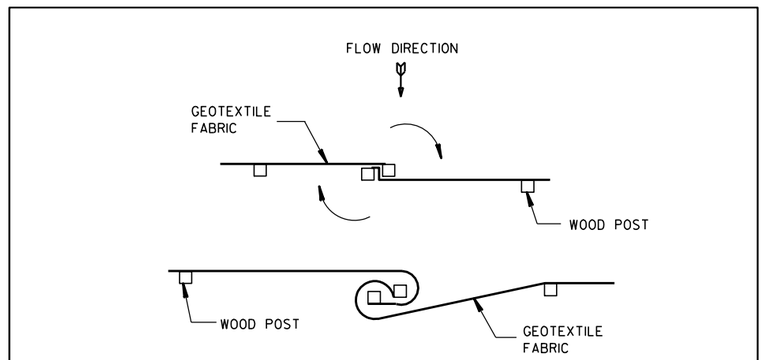
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL 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.



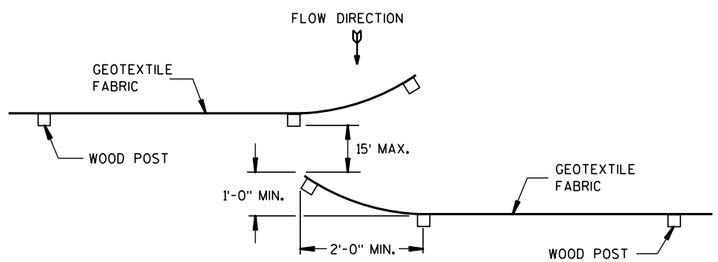
TRENCH DETAIL



SILT FENCE

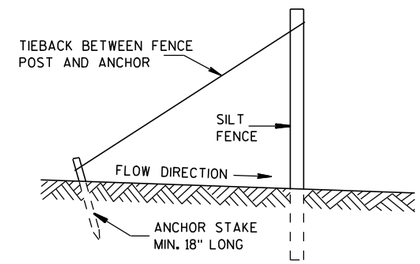


TWIST METHOD



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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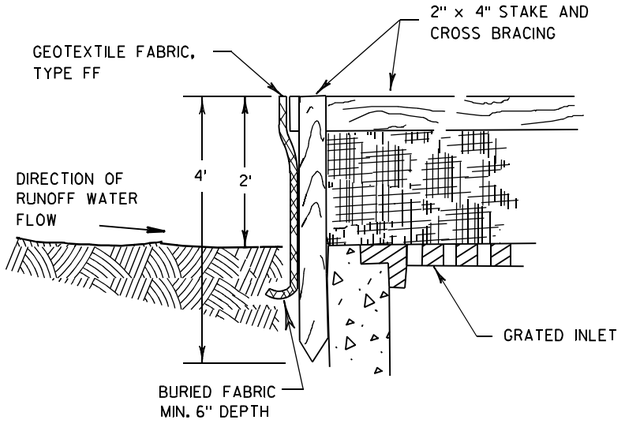
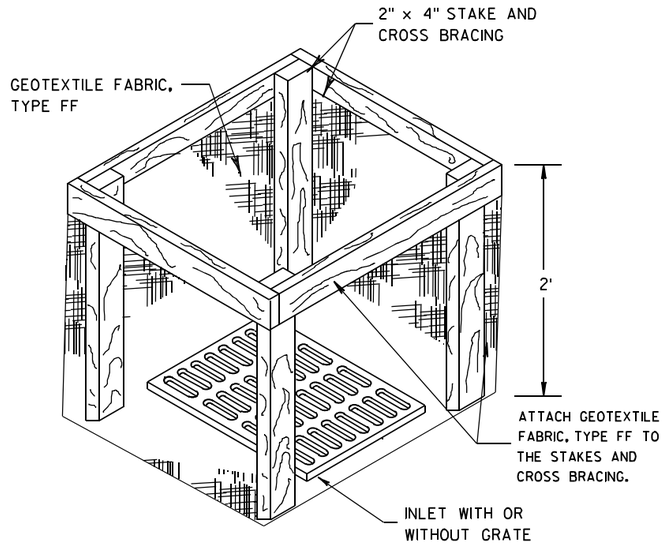
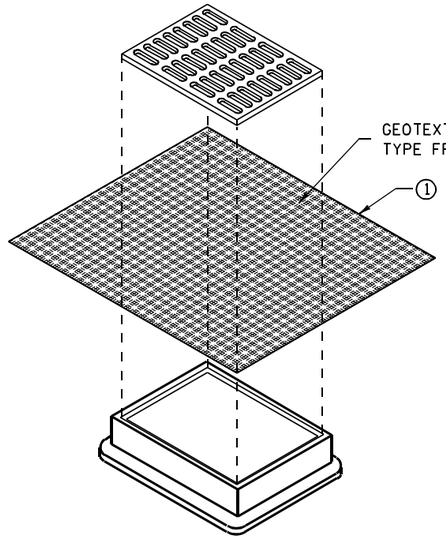
S.D.D. 8 E 9-6



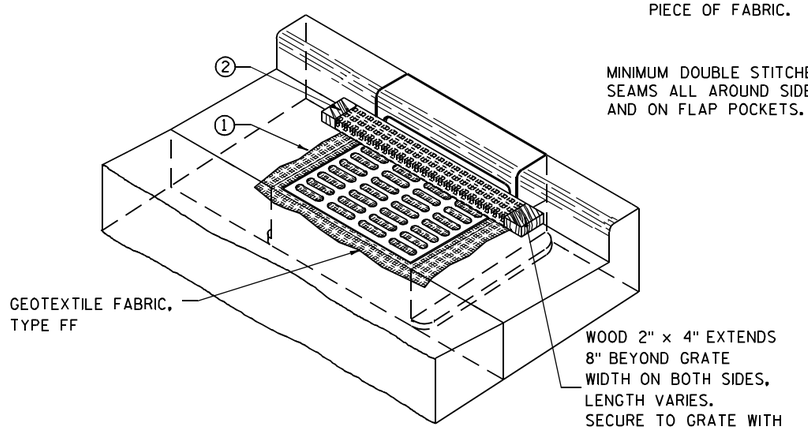


INLET PROTECTION, TYPE A

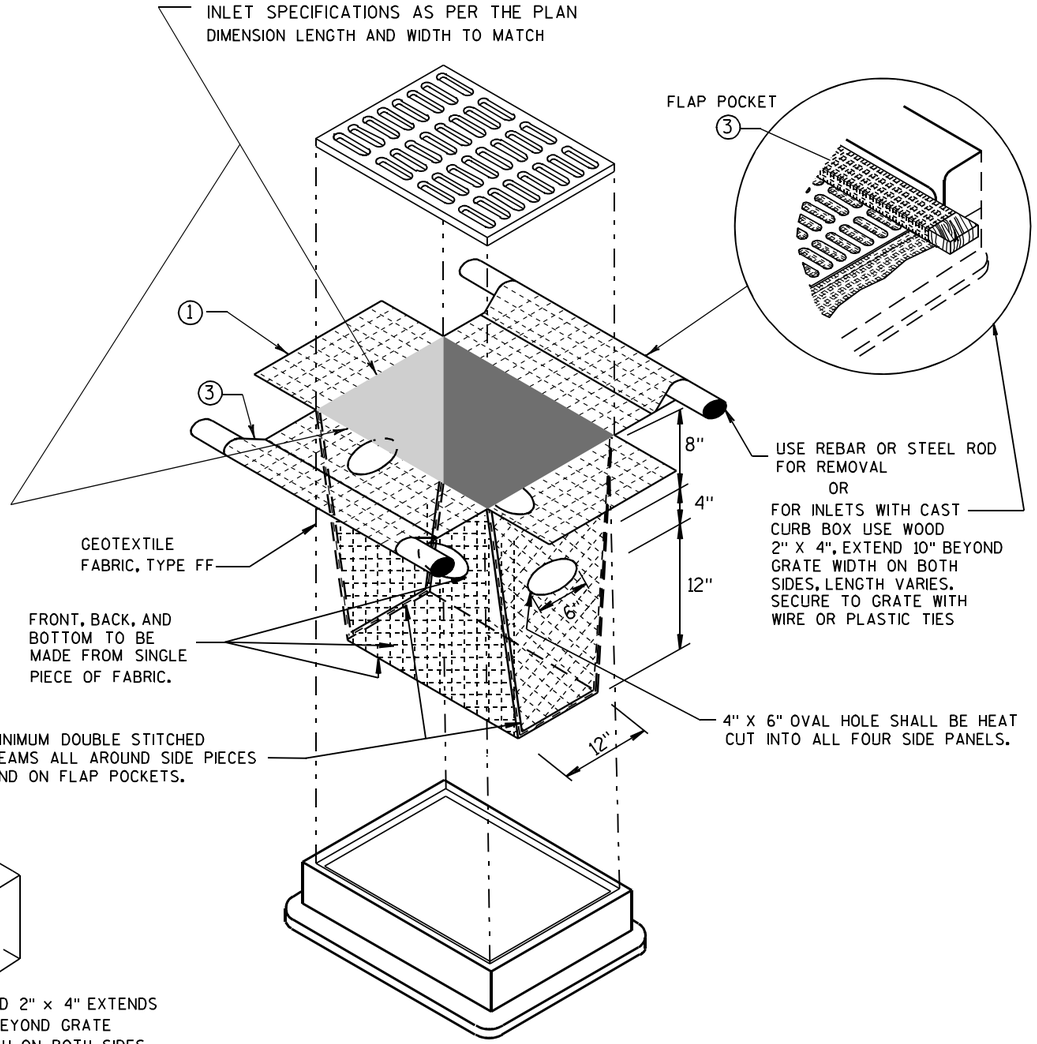


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

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.

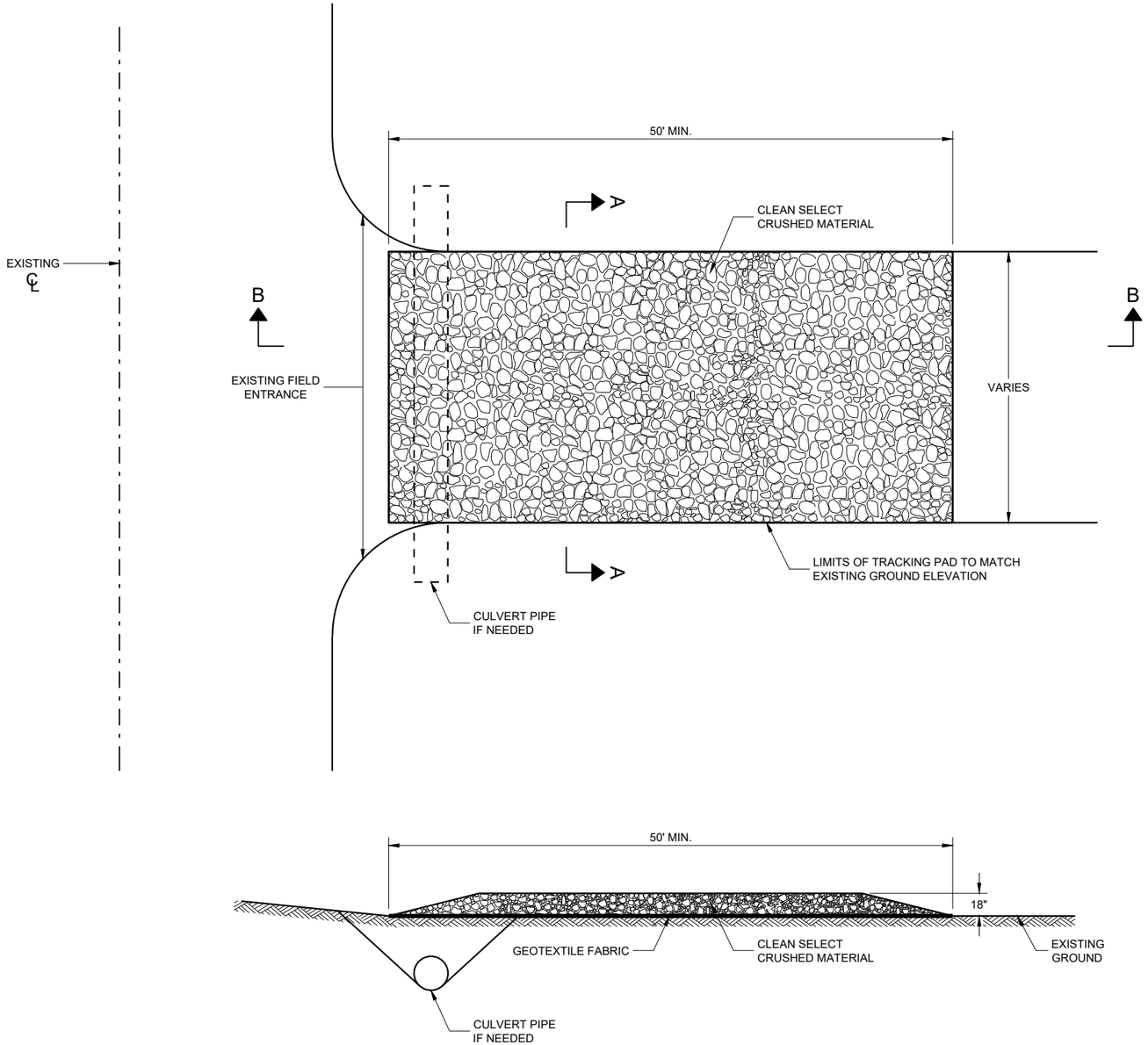
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE 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.

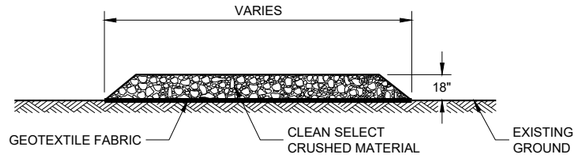
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

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

6

SDD 08E14 - 01

TRACKING PAD

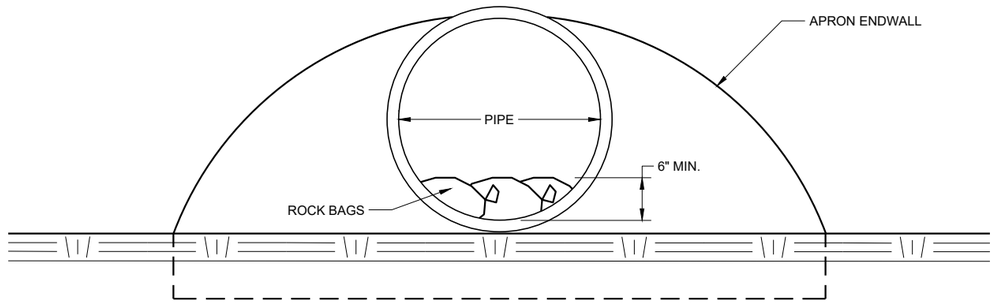
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVE ENGINEER

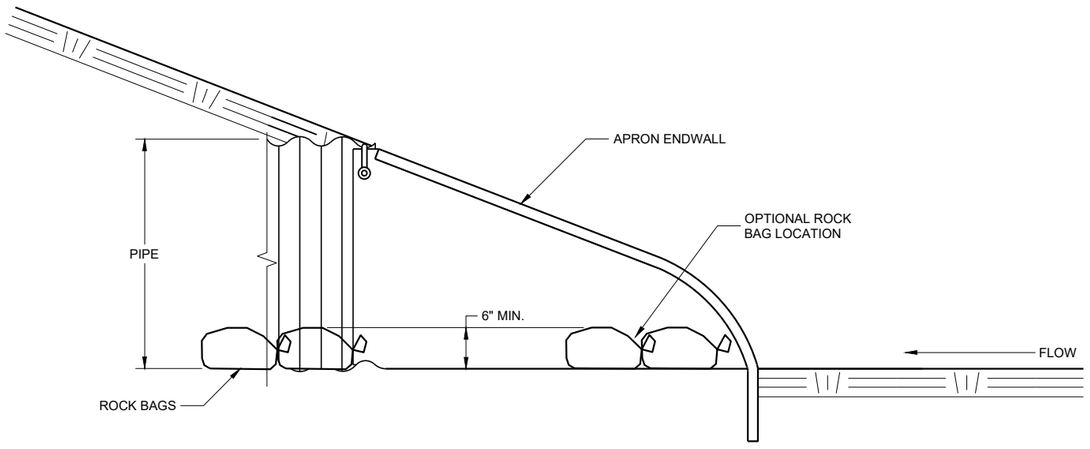
FHWA

6

SDD 08E14 - 01



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

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SDD 08E15 - 01

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SDD 08E15 - 01

METAL APRON ENDWALLS

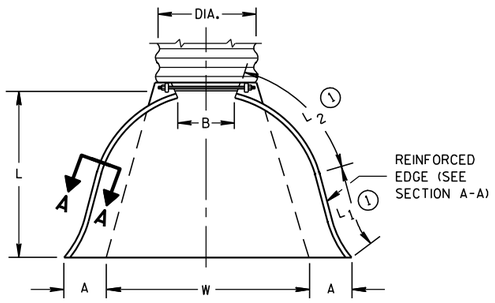
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

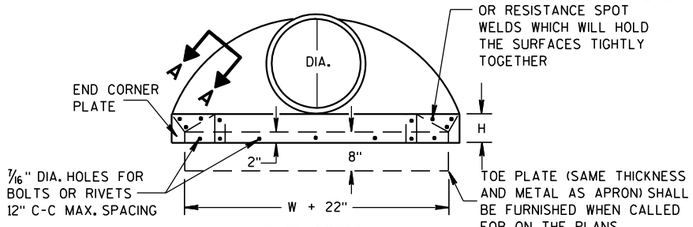
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

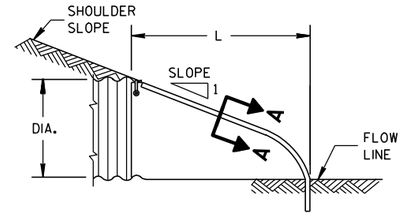
*MINIMUM
**MAXIMUM



PLAN VIEW

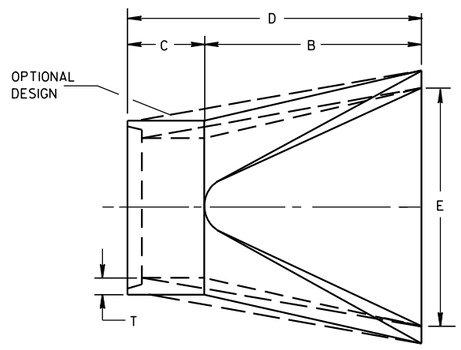


END VIEW

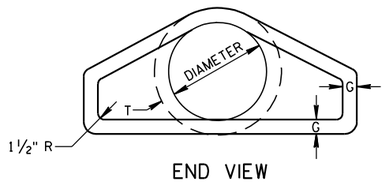


SIDE ELEVATION

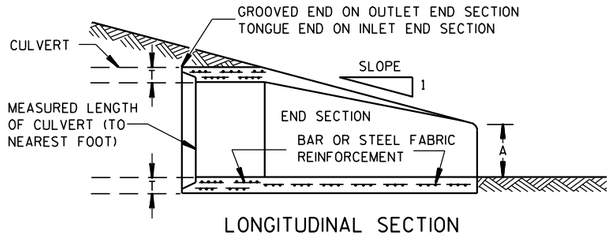
METAL ENDWALLS



PLAN

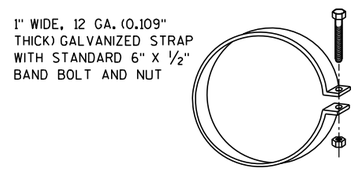


END VIEW



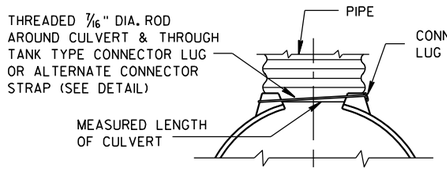
LONGITUDINAL SECTION

CONCRETE ENDWALLS

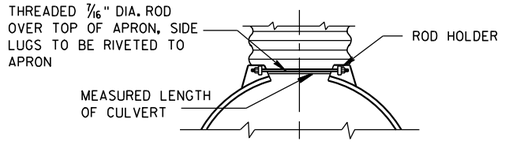


ALTERNATE FOR TYPE 1 CONNECTION

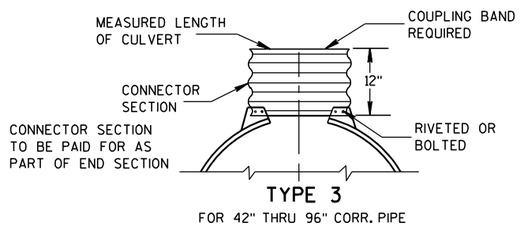
END SECTION CONNECTOR STRAP



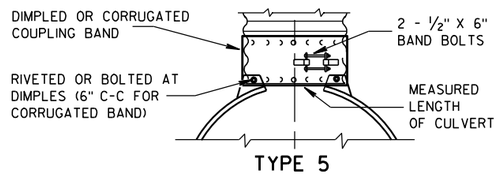
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

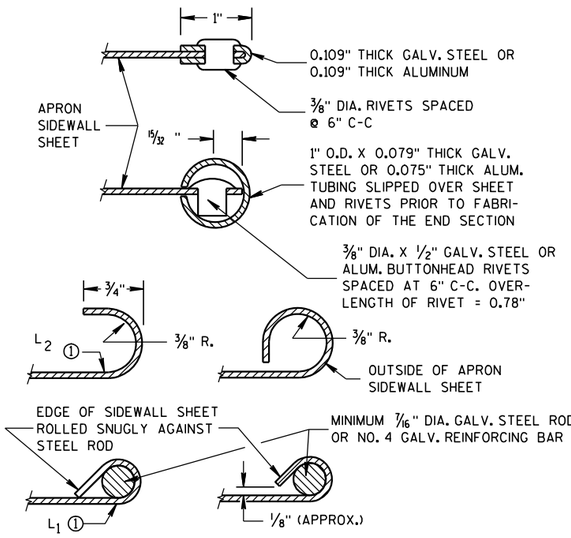
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-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.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

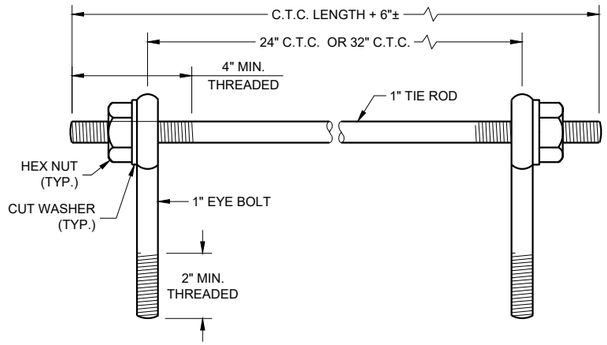
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

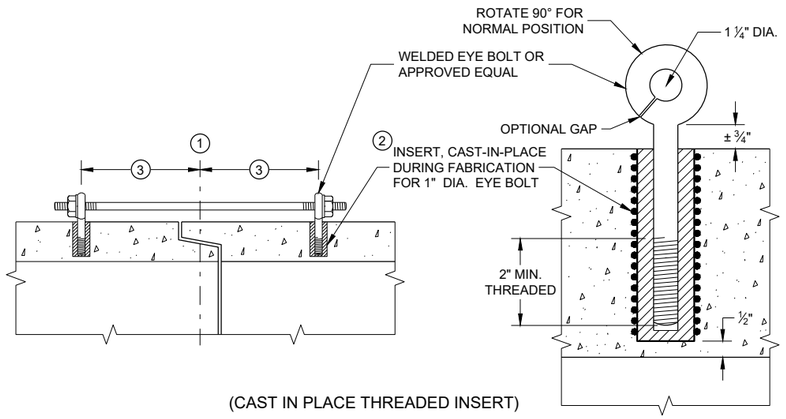
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 F 1-11



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.

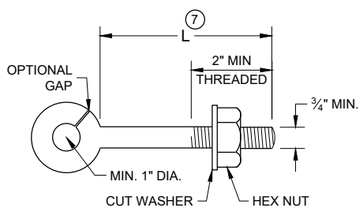
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

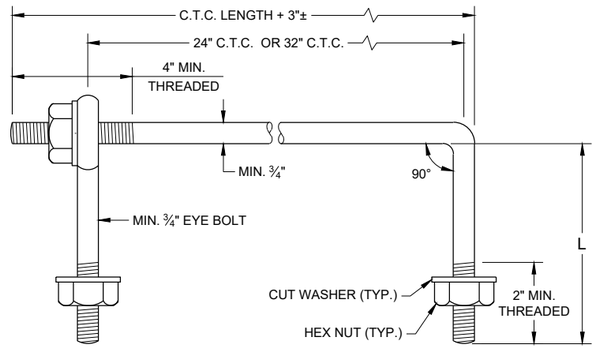
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

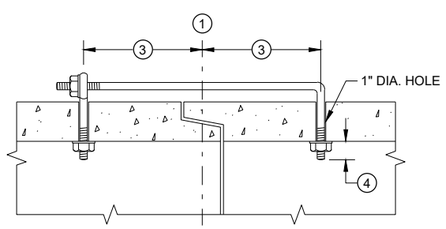


EYE BOLT (7)

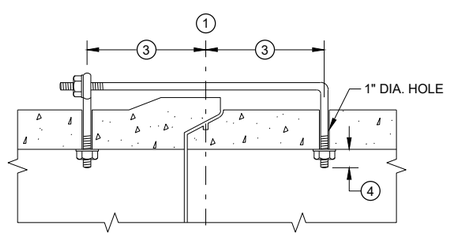
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

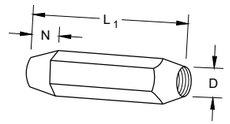
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

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



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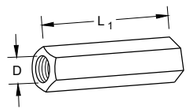
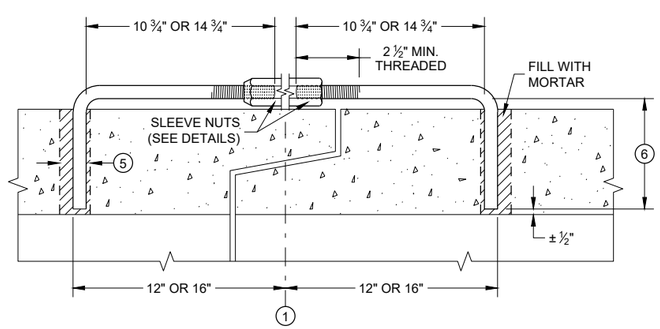


PLAIN

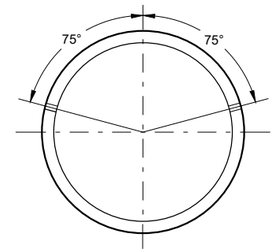
RIGHT AND LEFT THREADS

SLEEVE NUTS



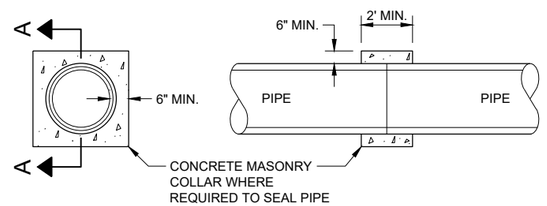
LONGITUDINAL SECTION

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

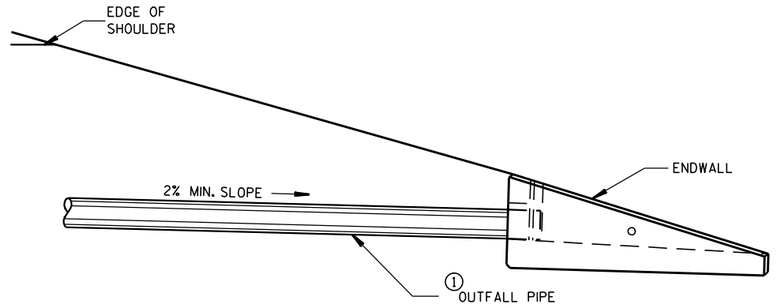
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

DIMENSIONS IN INCHES											
PIPE DIA.	A	B	C	D	E	F	G	H	J	L	Z
**4	6	12	5 1/4	9	8	32	36	11	2 3/8	6 1/2	4
6	8	14	7 1/4	11	10	42	44	13	3 5/8	8 1/2	6

**APRON ENDWALL FOR 6 INCH DIAMETER PIPE MAY BE SUBSTITUTED FOR THIS SIZE PROVIDED THE HOLE IN THE HEADWALL IS SIZED AND LOCATED TO CONFORM TO THE 4 INCH DIAMETER PIPE DIMENSIONS (C & J)



INSTALLATION 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.

ALTERNATIVE DESIGNS WHICH PROVIDE EQUIVALENT CAPACITY AND STRENGTH MAY BE USED WHEN APPROVED BY THE ENGINEER. ENDWALL MAY BE EITHER PRECAST OR CAST-IN-PLACE CONCRETE.

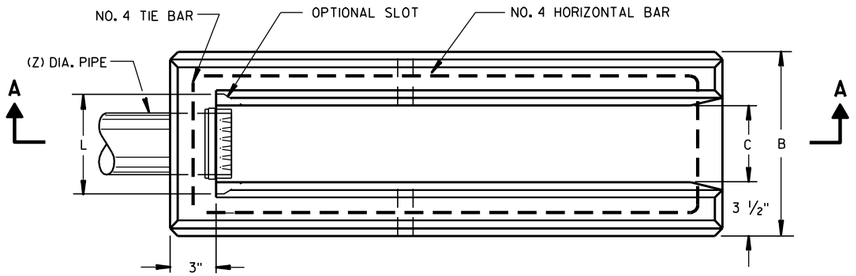
THE UNDERDRAIN PIPE SHALL BE FULLY INSERTED AND SEALED INTO THE ENDWALL WITH CEMENT MORTAR PRIOR TO BACKFILLING AROUND THE STRUCTURE.

THE UPPERMOST POINT OF THE ENDWALL SHALL BE PLACED FLUSH WITH THE ROADWAY SLOPE. ADJACENT EMBANKMENT SLOPES SHALL BE SHAPED TO FIT THE SIDES AND TOE OF THE ENDWALL. EXACT PLACEMENT OF THE OUTFALL PIPE AND ENDWALL SHALL BE DETERMINED BY THE ENGINEER TO MATCH THE ELEVATIONS AND FLOW DIRECTION OF THE ROADSIDE DITCH.

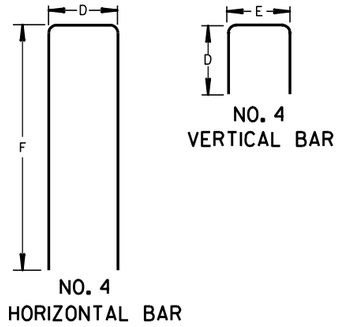
① THE OUTFALL PIPE UNDERDRAIN AND FITTINGS SHALL CONFORM TO THE REQUIREMENTS OF THE SPECIFICATION FOR POLY (VINYL CHORIDE) (PVC) PLASTIC DRAIN, WASTE AND VENT PIPE AND FITTINGS, ASTM DESIGNATION: D 2665, SCHEDULE 40 PVC OR THE STANDARD SPECIFICATION FOR TYPE PSM POLY (VINYL CHORIDE) (PVC) SEWER PIPE AND FITTINGS, ASTM DESIGNATION: D 3034, TYPE PSM SDR 23.5 PVC SEWER PIPE, ALL JOINTS SHALL BE SOLVENT WELDED.

THE OUTFALL PIPE INCLUDING ALL FITTINGS AND THE RODENT SHIELD SHALL BE MEASURED AND PAID FOR AS PIPE UNDERDRAIN UNPERFORATED.

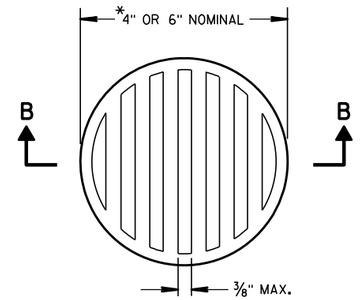
② THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE OUTFALL PIPE. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

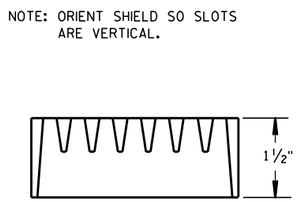


PLAN VIEW



BAR STEEL REINFORCEMENT DETAILS

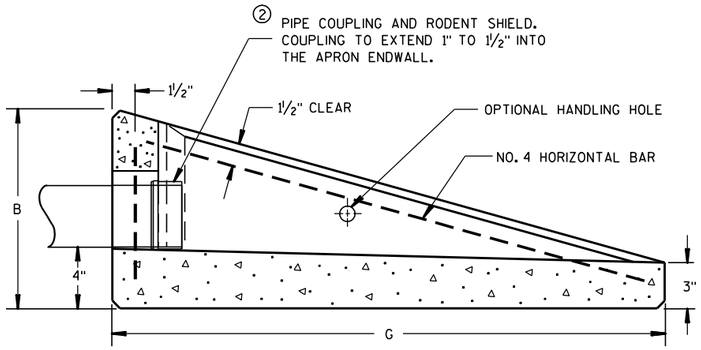




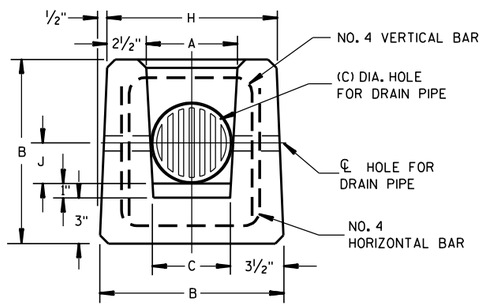
SECTION B-B

② RODENT SHIELD

*NOTE: DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING.



SECTION A-A



END VIEW

CONCRETE APRON ENDWALL FOR UNDERDRAIN

REINFORCED CONCRETE APRON ENDWALL FOR PIPE UNDERDRAIN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/10/98 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 F 6-4

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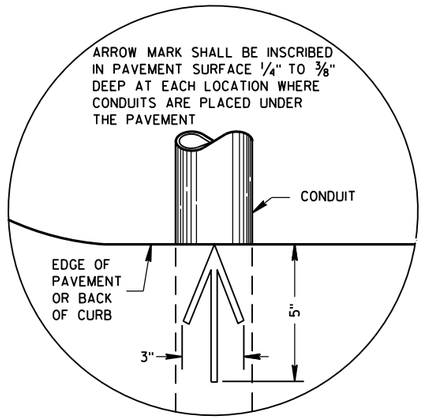
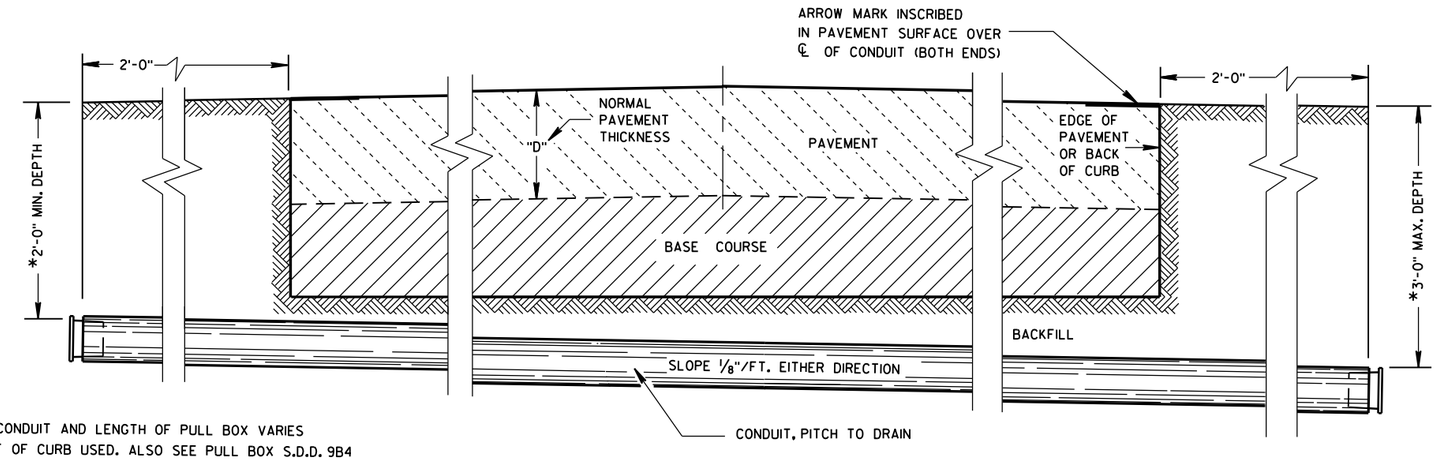
S.D.D. 8 F 6-4



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

S.D.D. 9 B 2-10

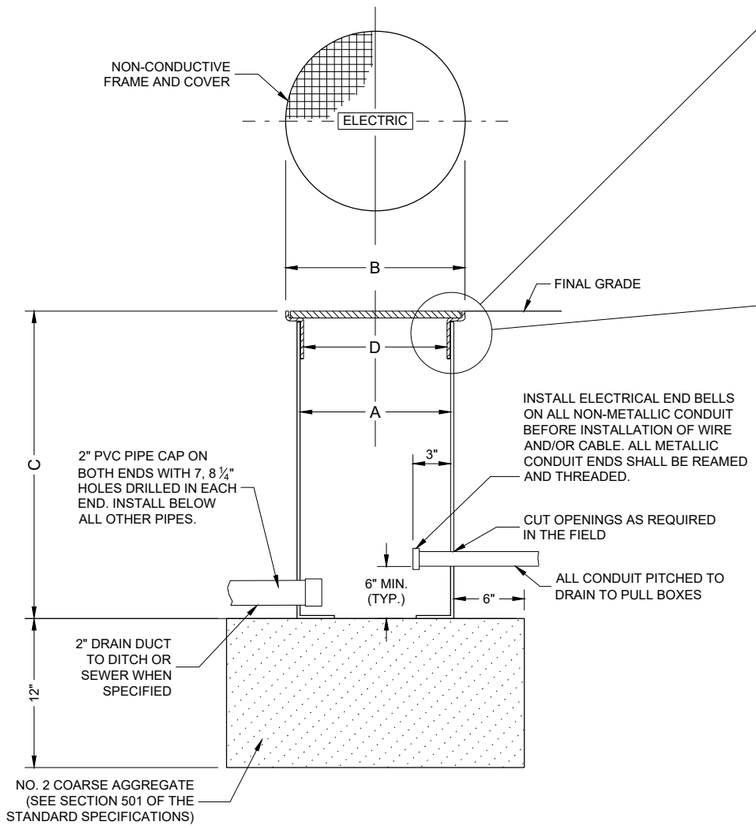
6

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

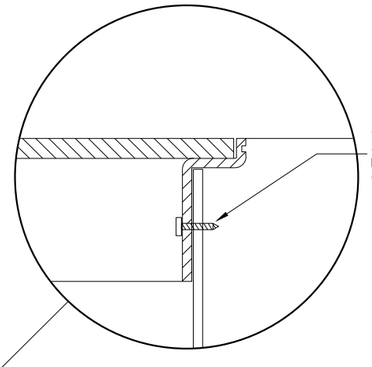
DIMENSION IN INCHES		NON- CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX OVERALL OUTSIDE DIAMETER	B	27	27
BOX LENGTH	C	36	42
FRAME OPENING	D	22 ½	22 ½
WEIGHT IN POUNDS *			
COVER		50	50
BOX ONLY		75	85

* THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

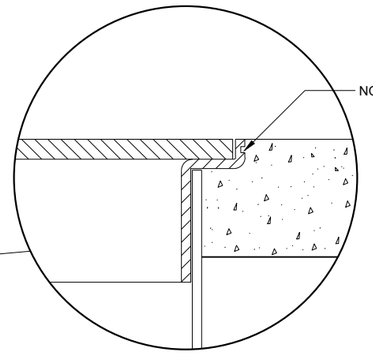
** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE.



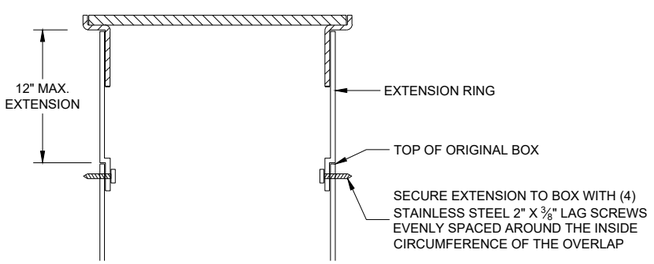
NON-CONDUCTIVE PULL BOX



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".

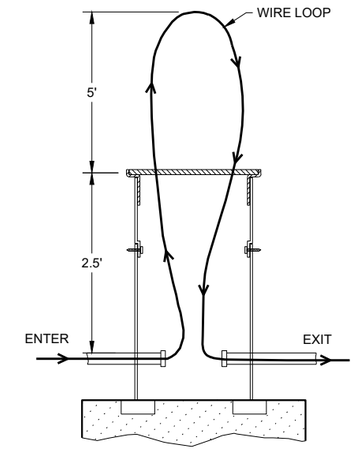
THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

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 213

FHWA

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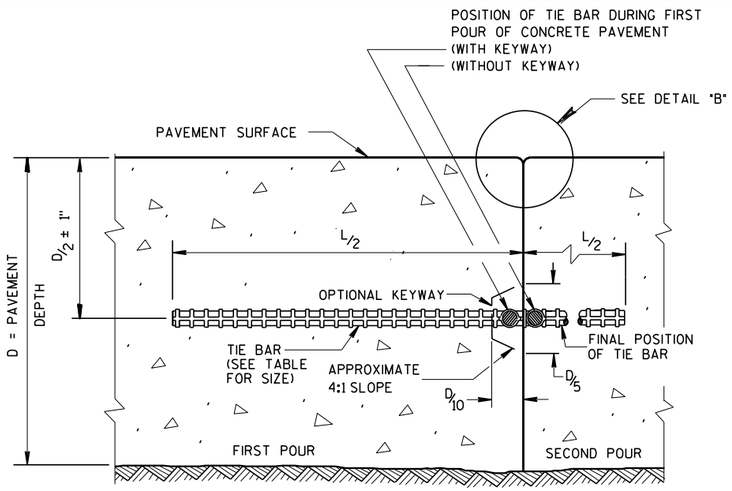
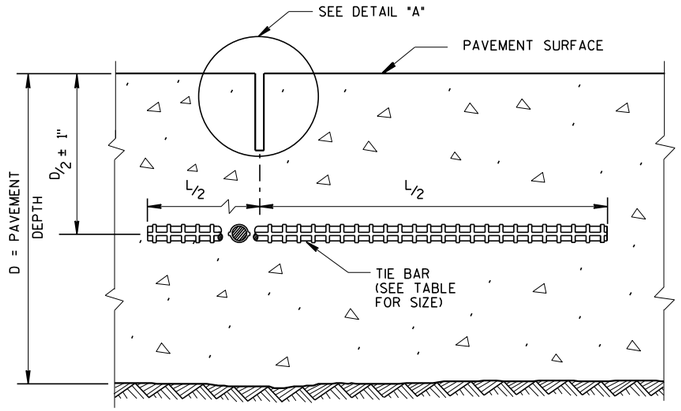
SDD 09B16 - 02



CONSTRUCTION JOINT



SAWED JOINT

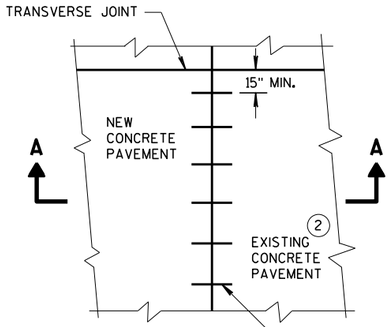
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

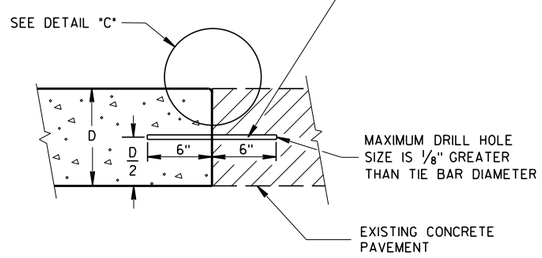
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

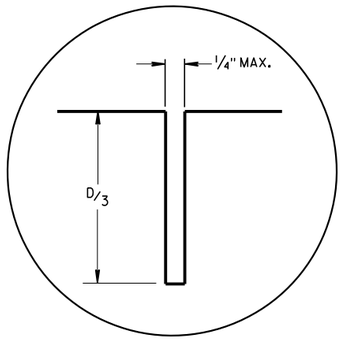


PLAN VIEW

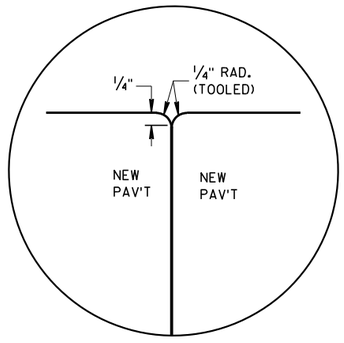


SECTION A-A

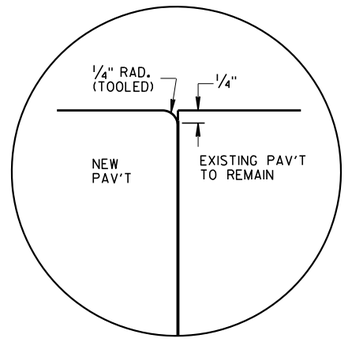
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT



DETAIL "A"



DETAIL "B"



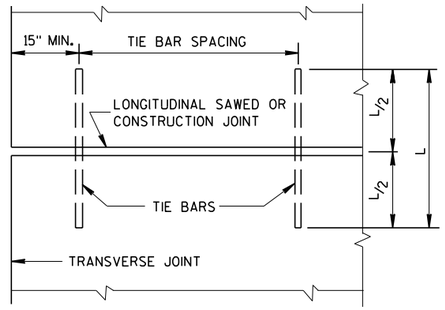
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE
/S/ Peter Kemp PE
PAVEMENT SUPE
FHWA

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S.D.D. 13 C 1-19

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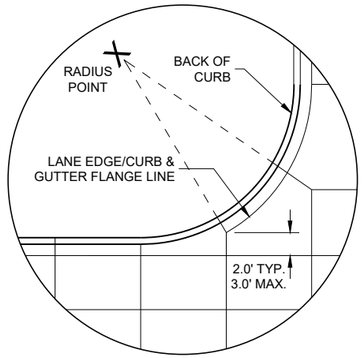
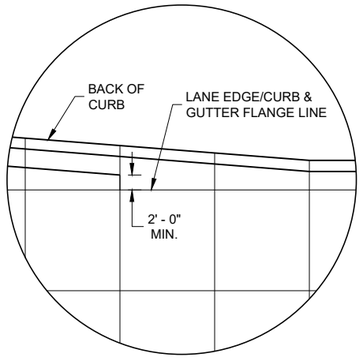
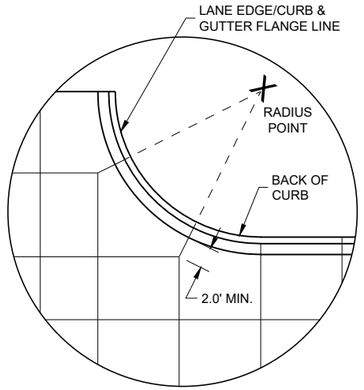
S.D.D. 13 C 1-19



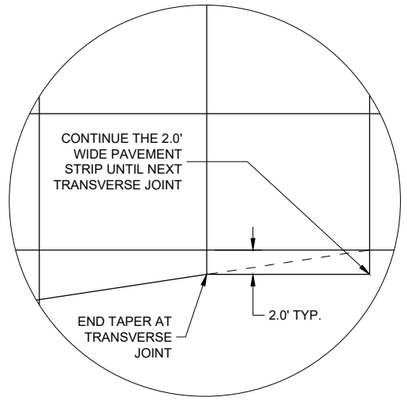
DETAIL "A"



DETAIL "B"



DETAIL "C"



DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

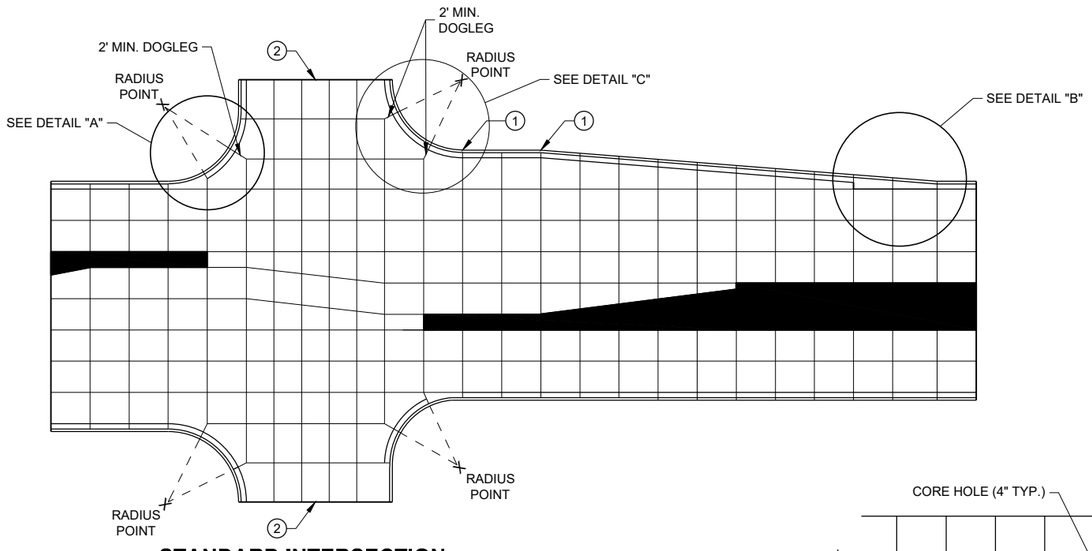
AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

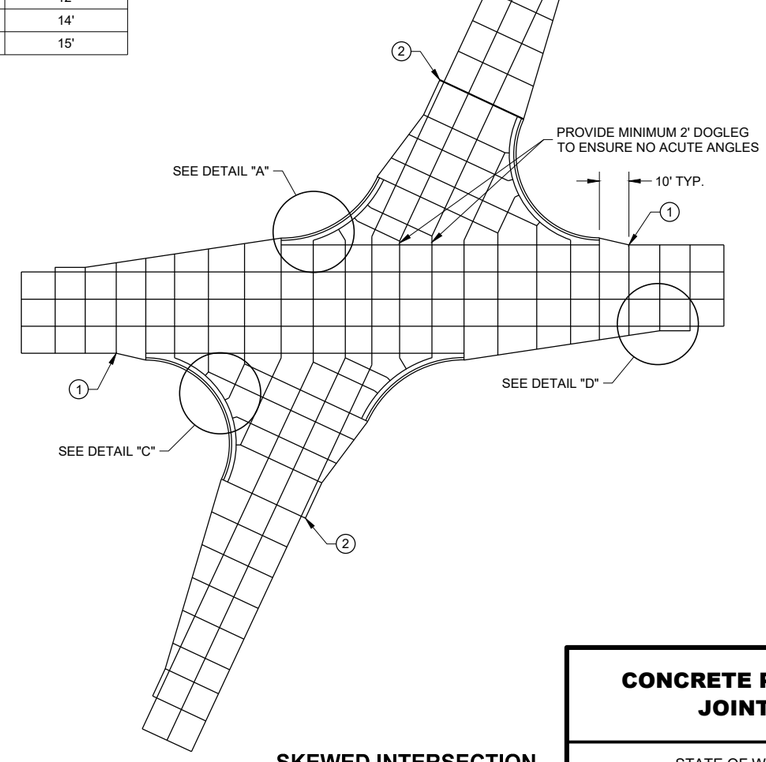
1. PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.
2. CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITHEDGE OF RADIUS.
3. THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



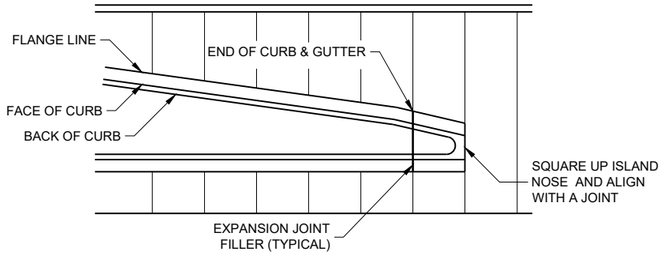
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

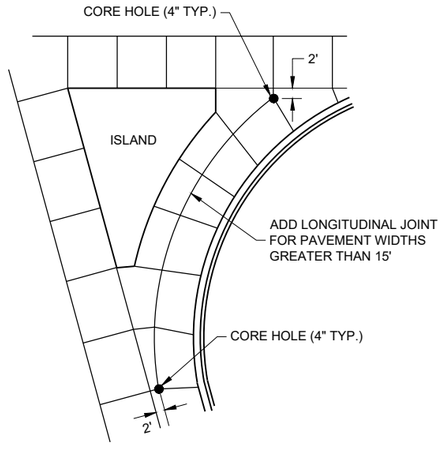
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 ½"	12'
7", 7 ½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 13C18 - 07a

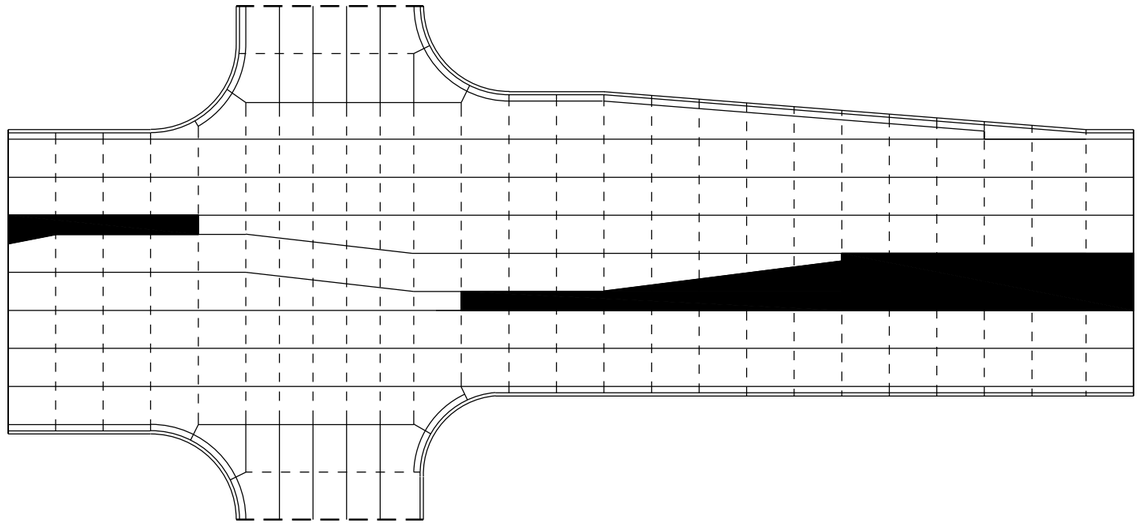
SDD 13C18 - 07a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

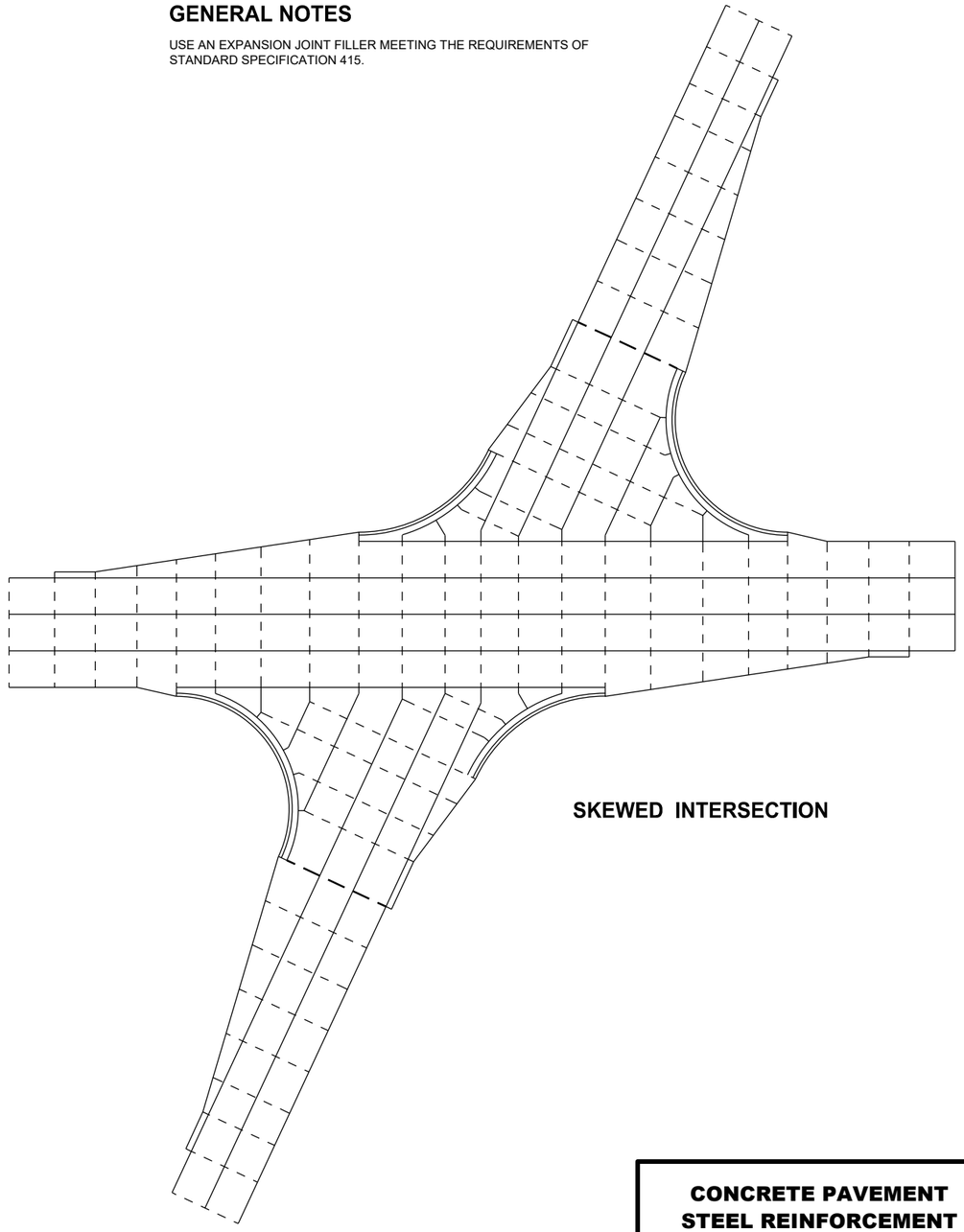
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

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SDD 13C18 - 07b

CONCRETE PAVEMENT STEEL REINFORCEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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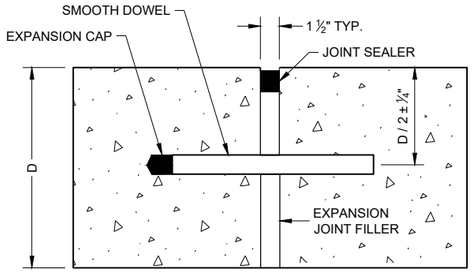
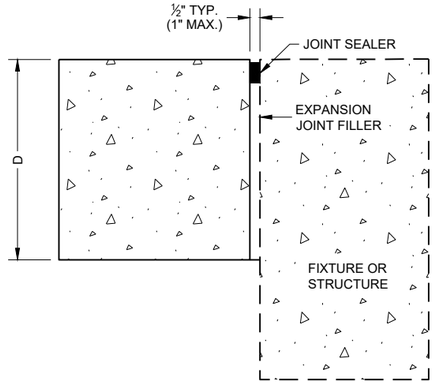
SDD 13C18 - 07b



DOWELED TRANSVERSE (1)



UNTIED - LONGITUDINAL

EXPANSION JOINTS

TIE BAR TABLE

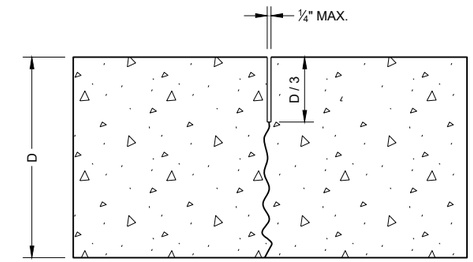
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4*	30"	24"**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

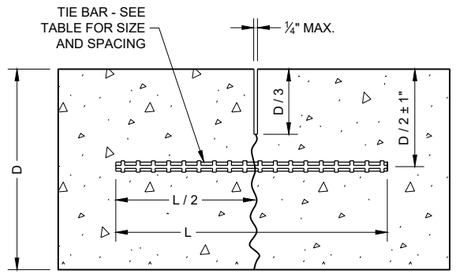
** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

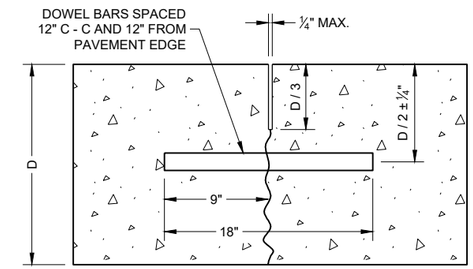
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATETHE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A ¼" RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



UNDOWELED TRANSVERSE

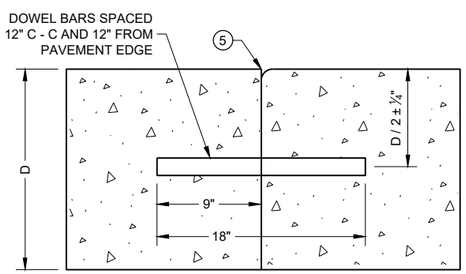


TIED LONGITUDINAL

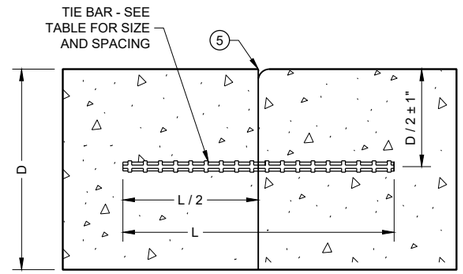


DOWELED TRANSVERSE

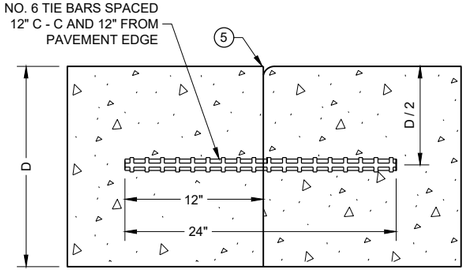
CONTRACTION JOINTS (2)



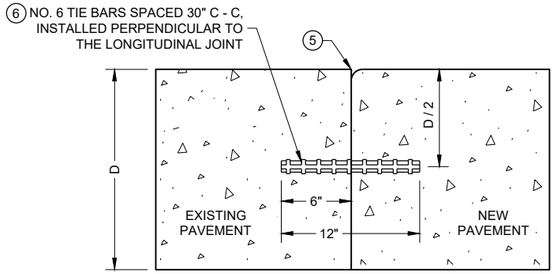
DOWELED TRANSVERSE (3)



TIED LONGITUDINAL



TIED TRANSVERSE (3)
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



TIED LONGITUDINAL TO EXISTING

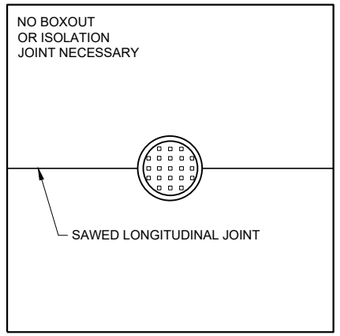
CONSTRUCTION JOINTS (4)

CONCRETE PAVEMENT JOINT TYPES

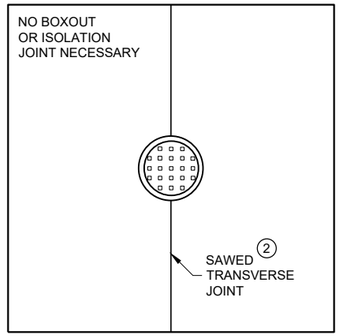
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

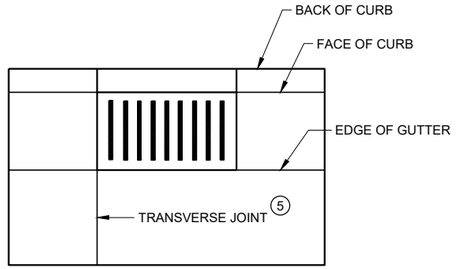
SDD 13C18 - 07c



MANHOLE WITH LONGITUDINAL JOINT



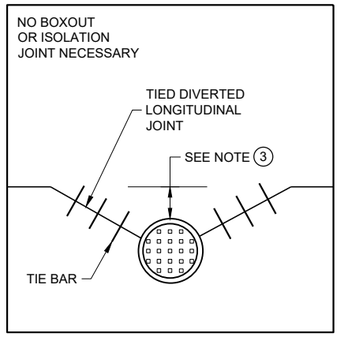
MANHOLE WITH TRANSVERSE JOINT



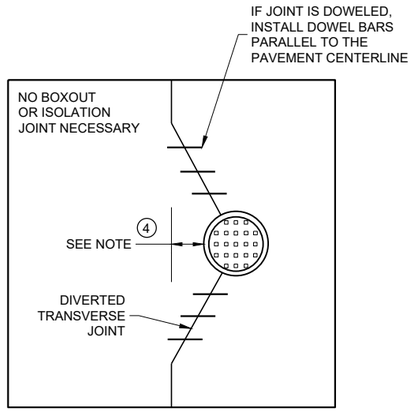
INLET WITH TRANSVERSE JOINT

GENERAL NOTES

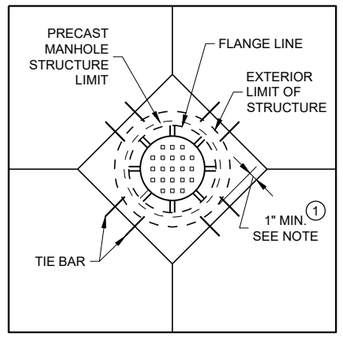
1. USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1 FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.
2. ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.
3. IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDINAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
4. IF THE DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS LESS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
5. ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.



MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT



MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT



DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS

CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVISOR

FHWA

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SDD13C18 - 07d

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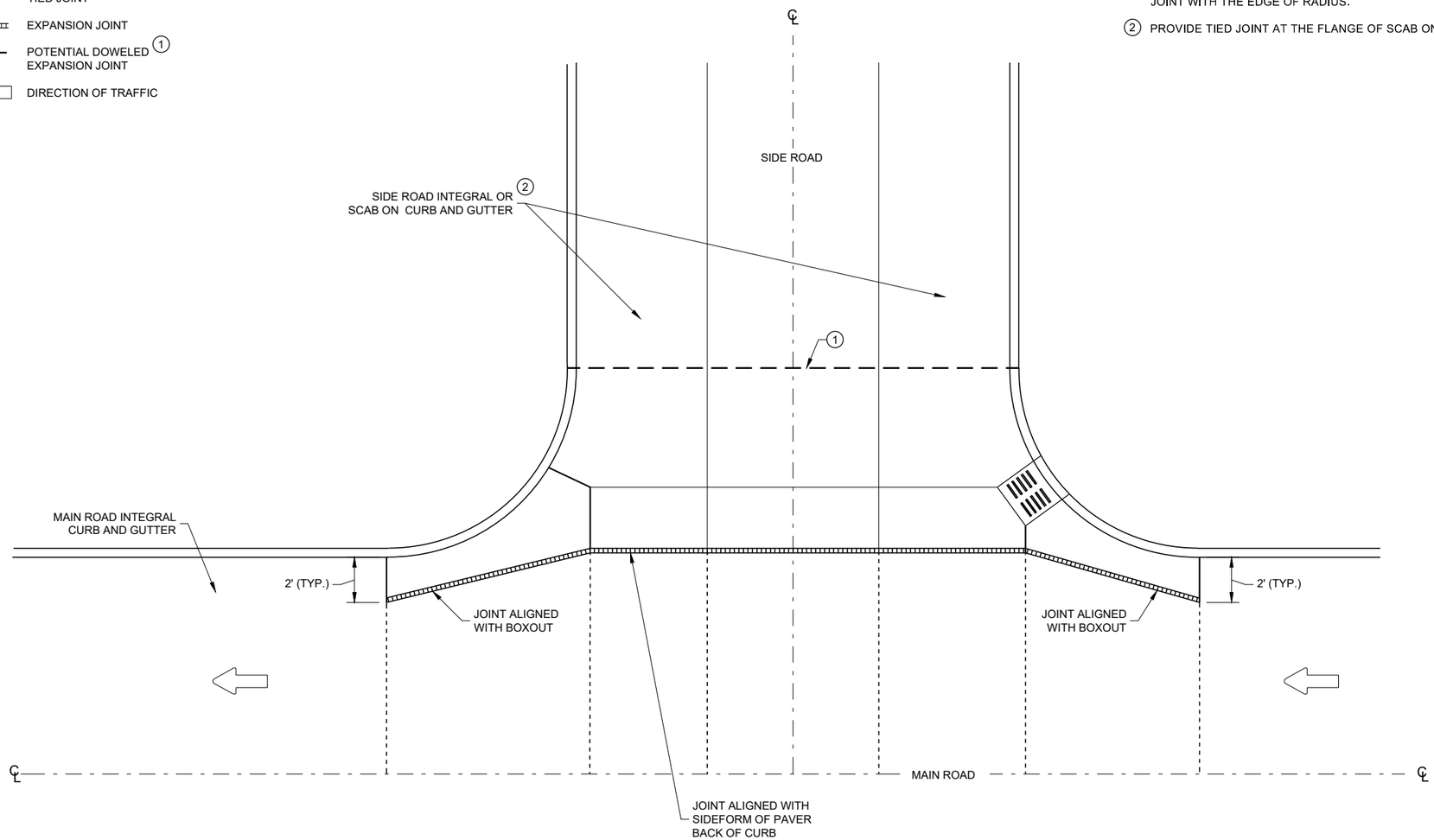
SDD13C18 - 07d

LEGEND

- DOWELED JOINT
- TIED JOINT
- EXPANSION JOINT
- POTENTIAL DOWELED EXPANSION JOINT (1)
- DIRECTION OF TRAFFIC



GENERAL NOTES

(1) CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH THE EDGE OF RADIUS.

(2) PROVIDE TIED JOINT AT THE FLANGE OF SCAB ON CURB IF SCAB ON CURB AND GUTTER IS USE.

INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Peter Kemp P.E.
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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SDD 13C18 - 07f

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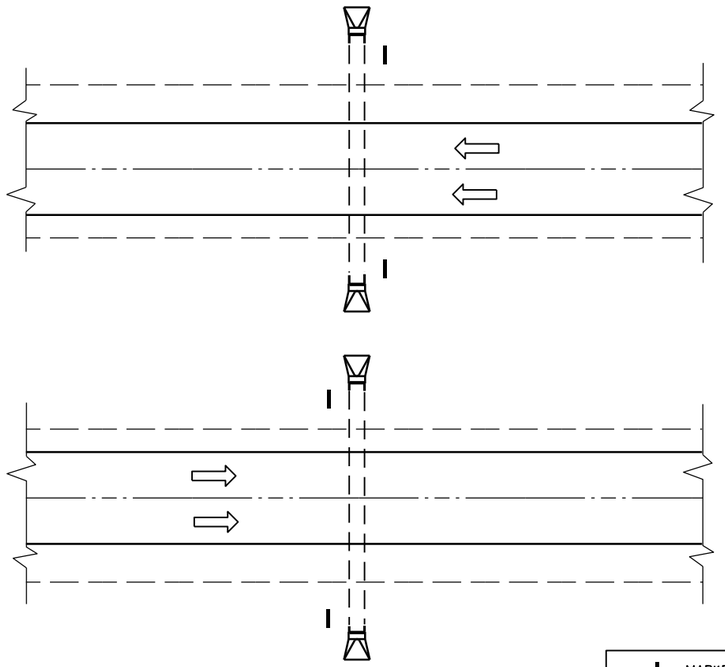
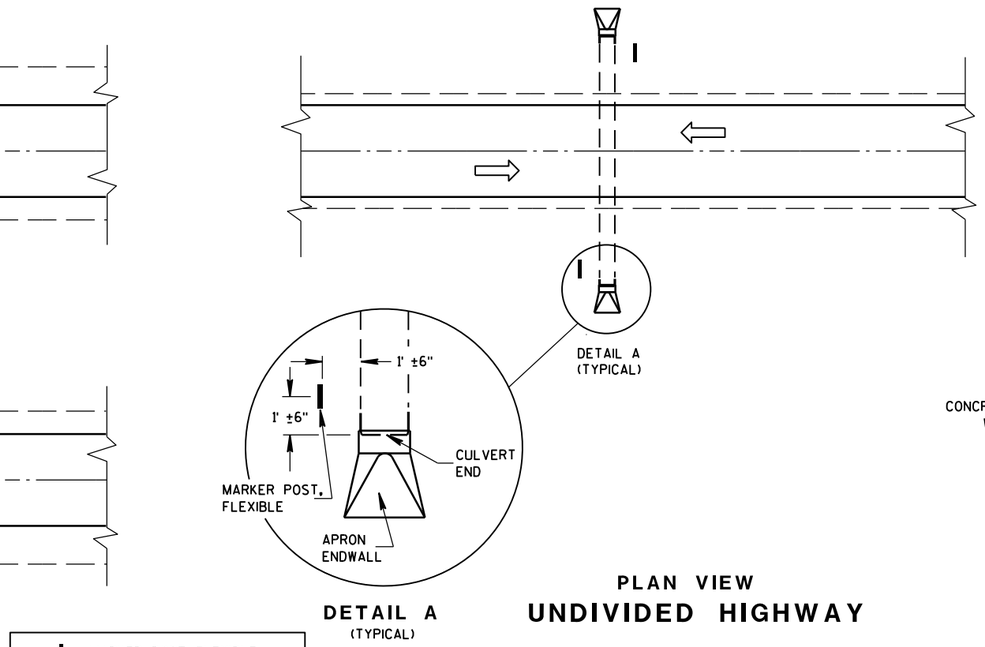
SDD 13C18 - 07f



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

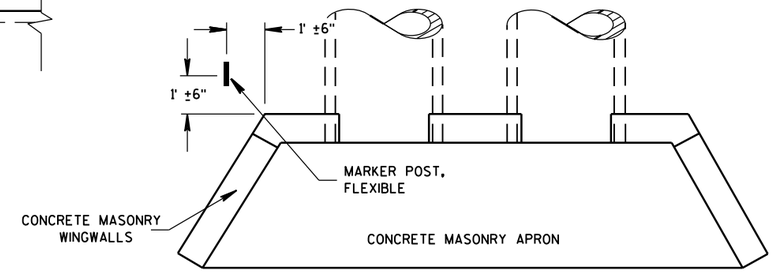
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

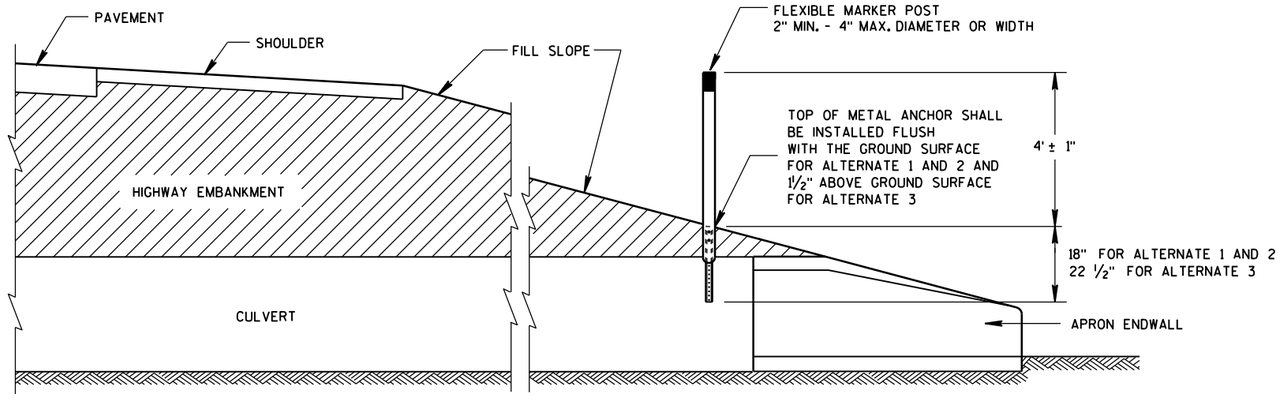
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 15 A 3-2a

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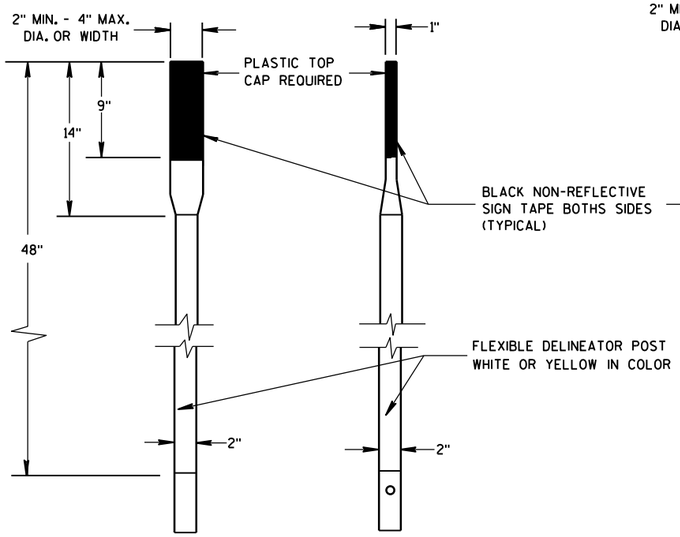
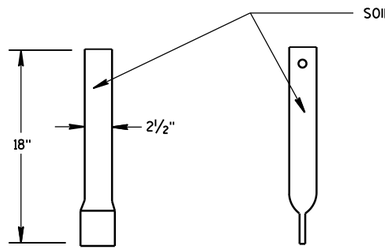
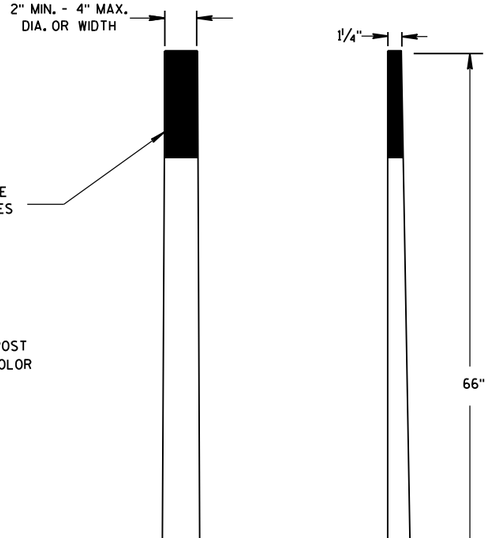
S.D.D. 15 A 3-2a





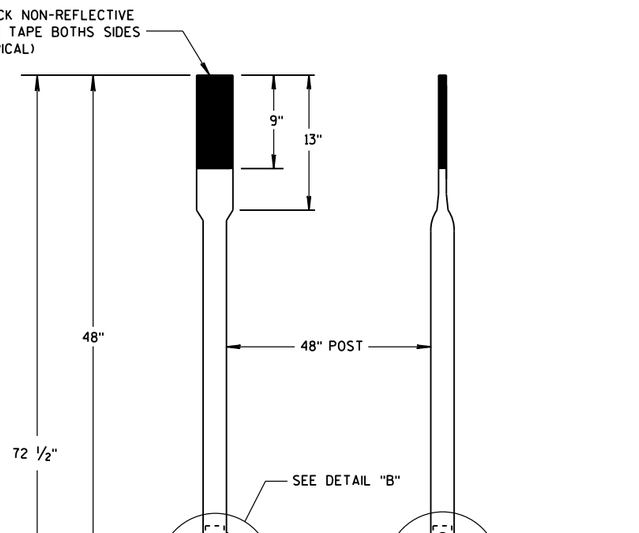
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

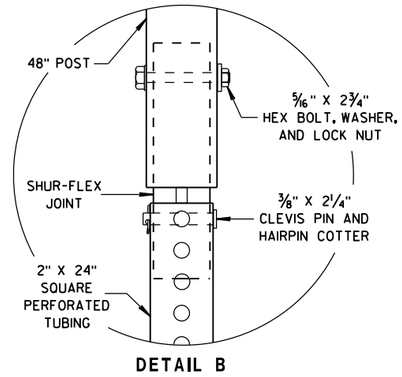
ALTERNATE 2



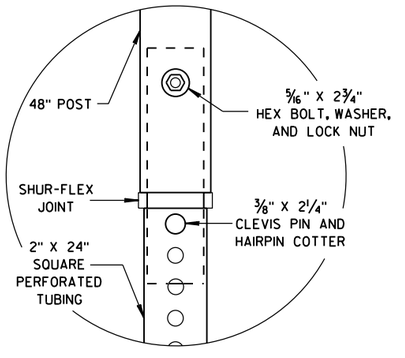
FRONT VIEW SIDE VIEW

ALTERNATE 3

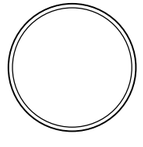
FLEXIBLE MARKER POSTS



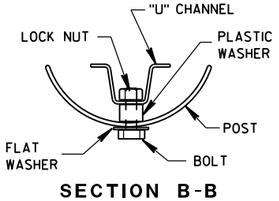
DETAIL B



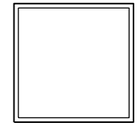
DETAIL C



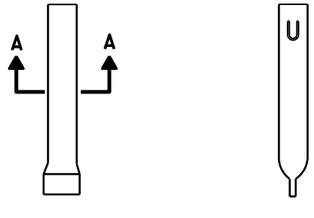
SECTION A-A



SECTION B-B

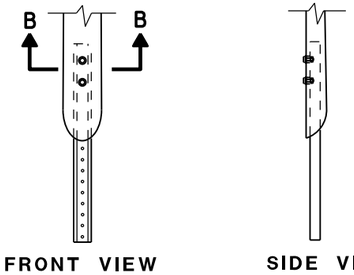


SECTION C-C



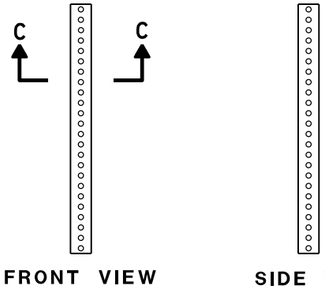
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2



FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS

FLEXIBLE MARKER POST FOR CULVERT END	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
10/1/2012 DATE	/S/ Travis Feltes STATE TRAFFIC ENGINEER
FHWA	

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S.D.D. 15 A 3-2b

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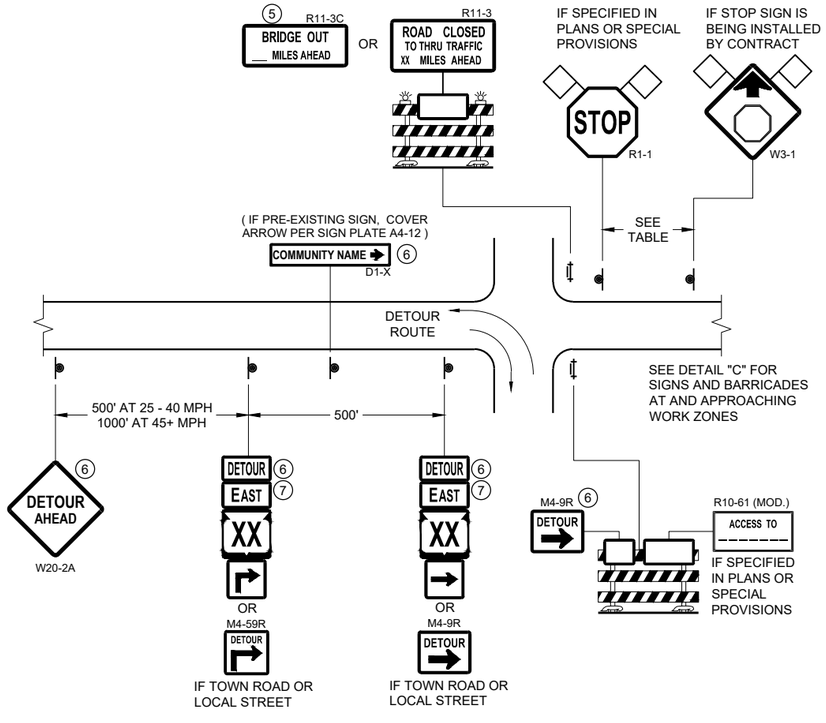
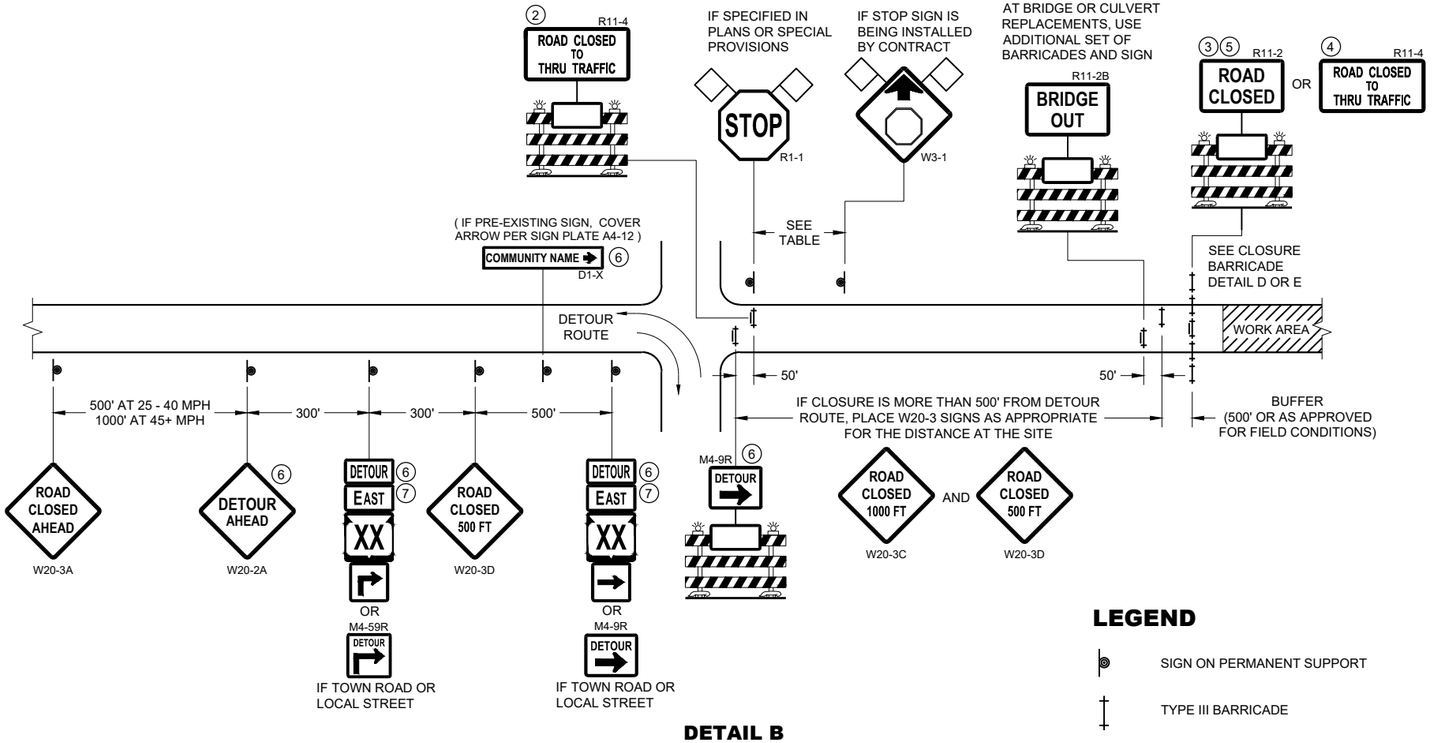
S.D.D. 15 A 3-2b



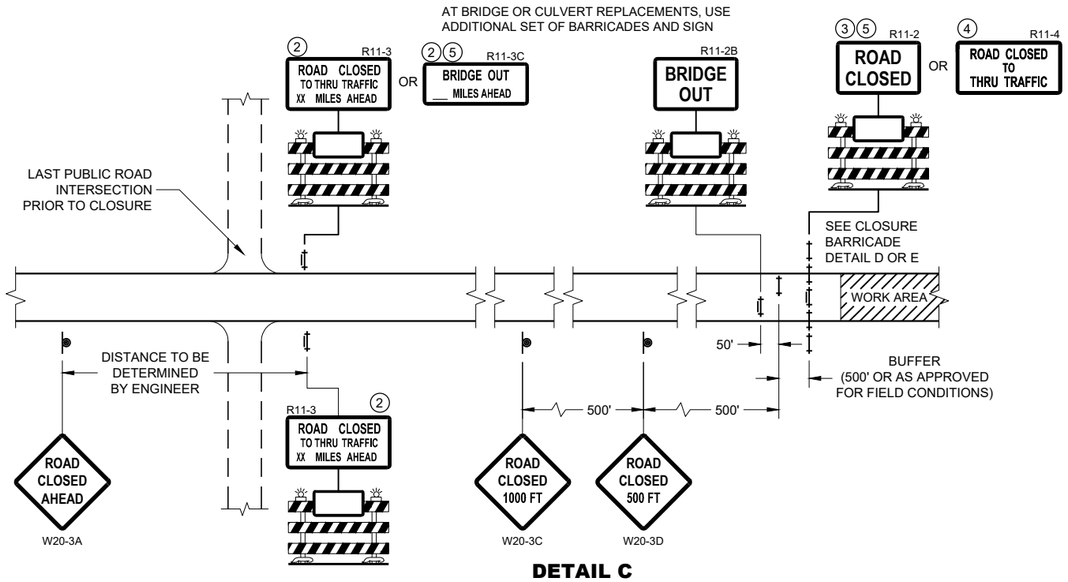
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

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)



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

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

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

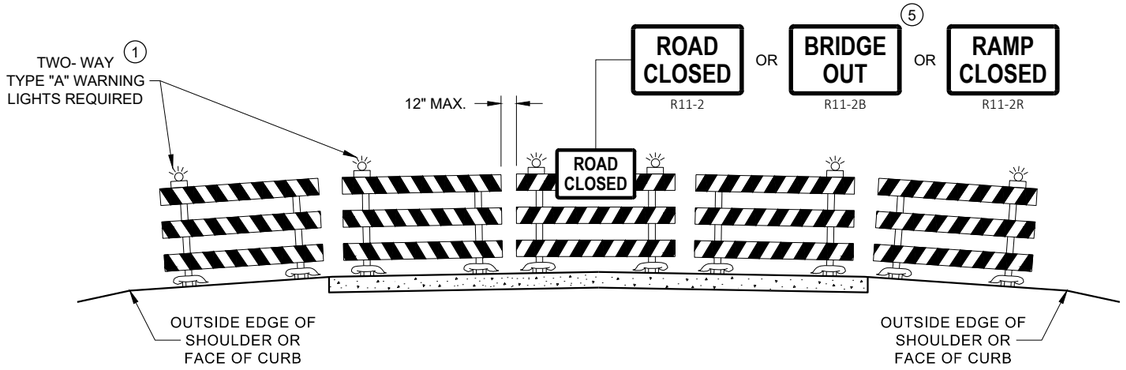
APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

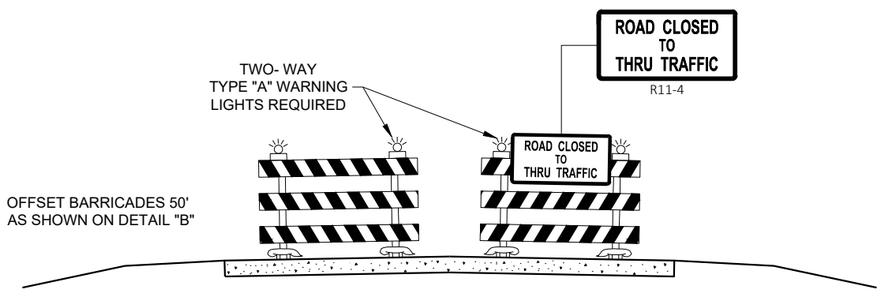
6

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

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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.

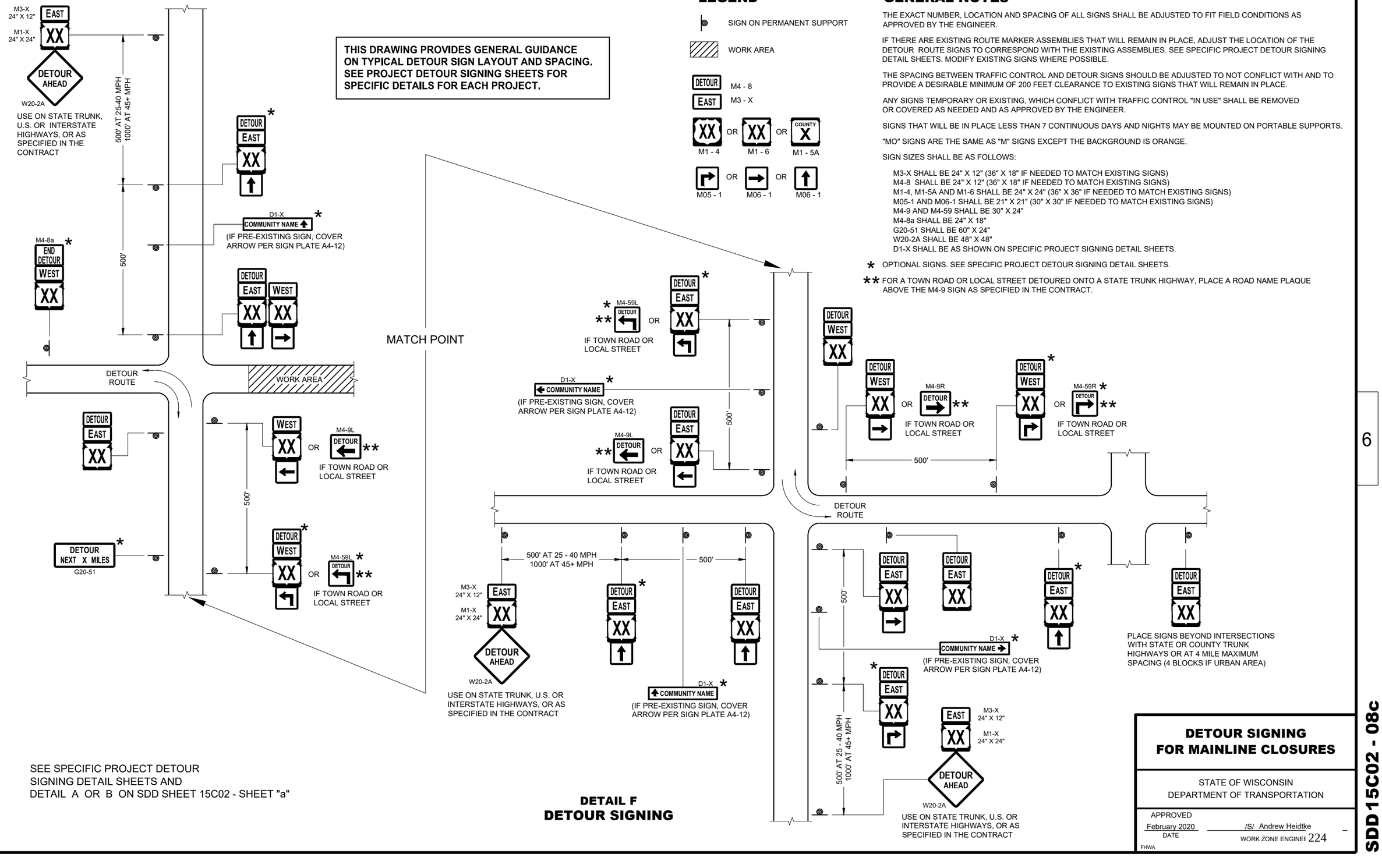
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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

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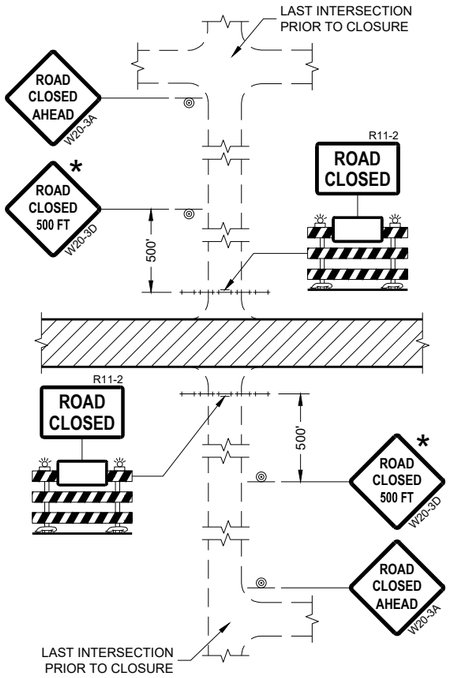
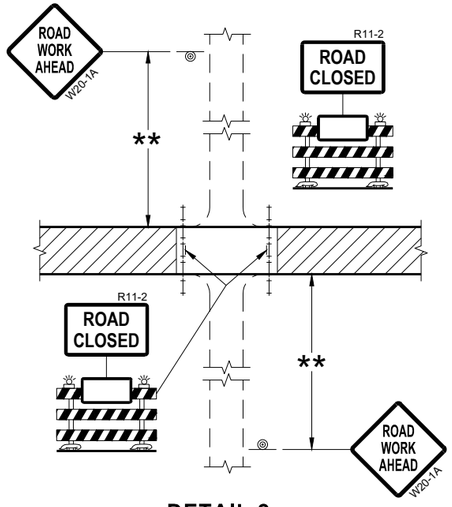
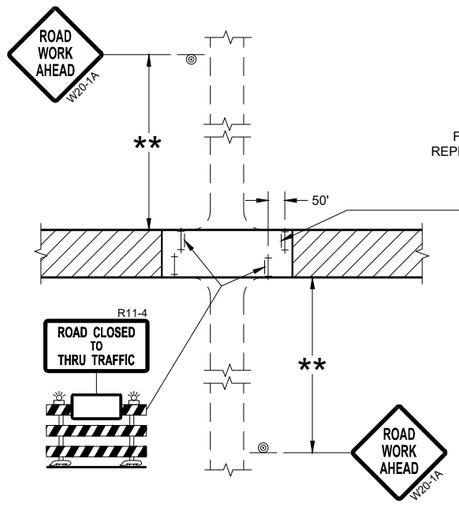
SDD 15C02 - 08c



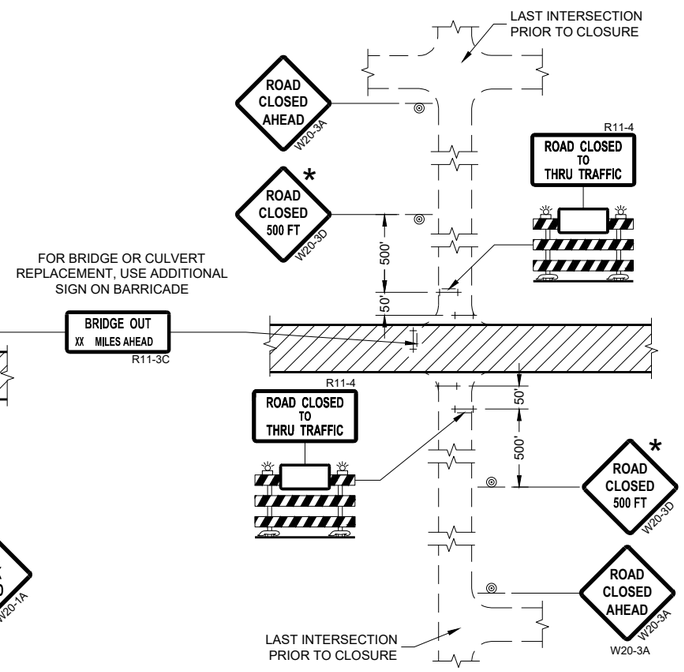
DETAIL 1
(NO ACCESS TO PROJECT)



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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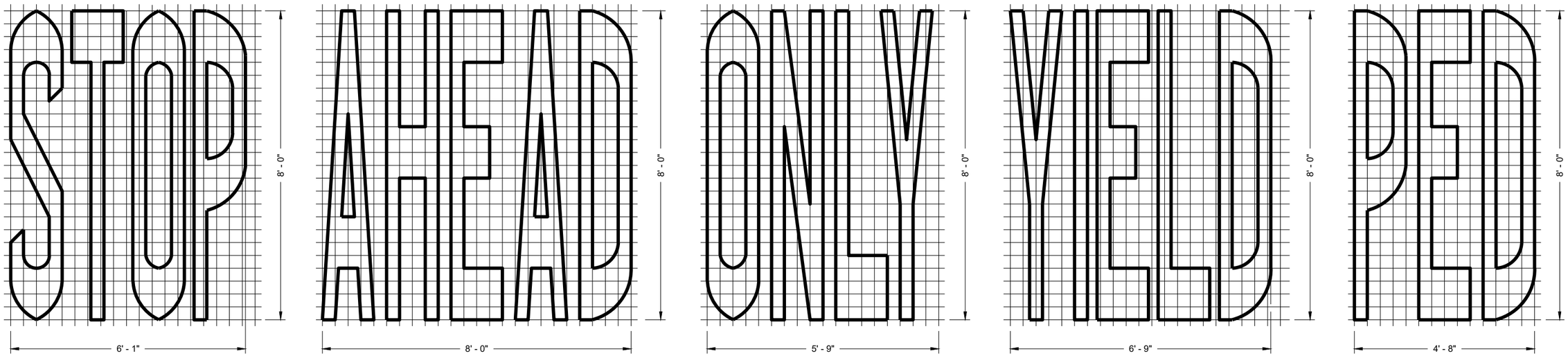
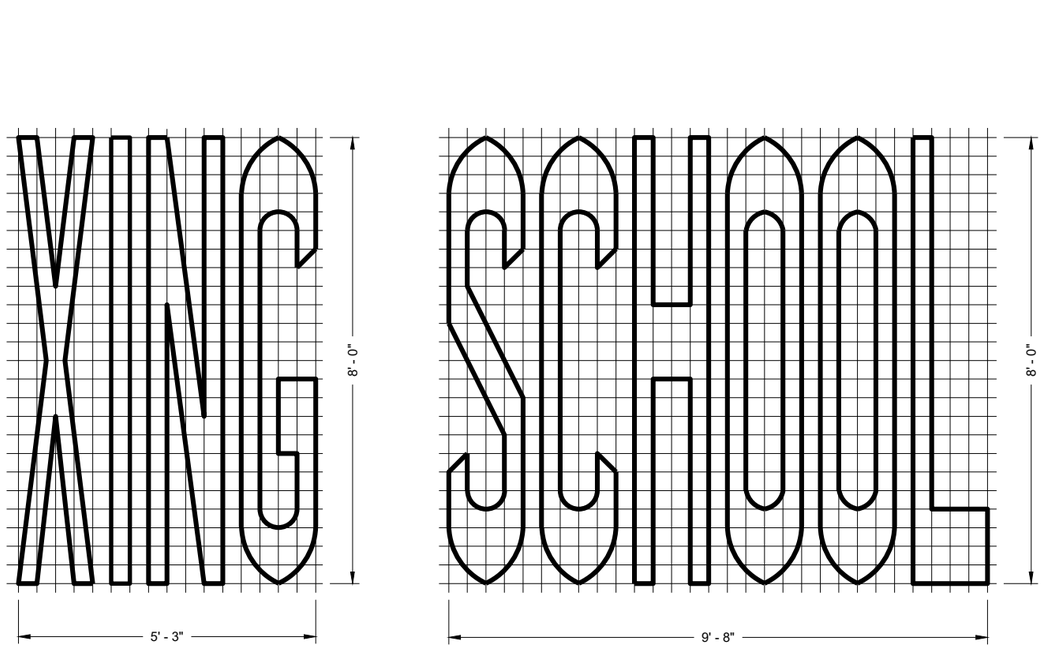
SDD 15C03 - 05

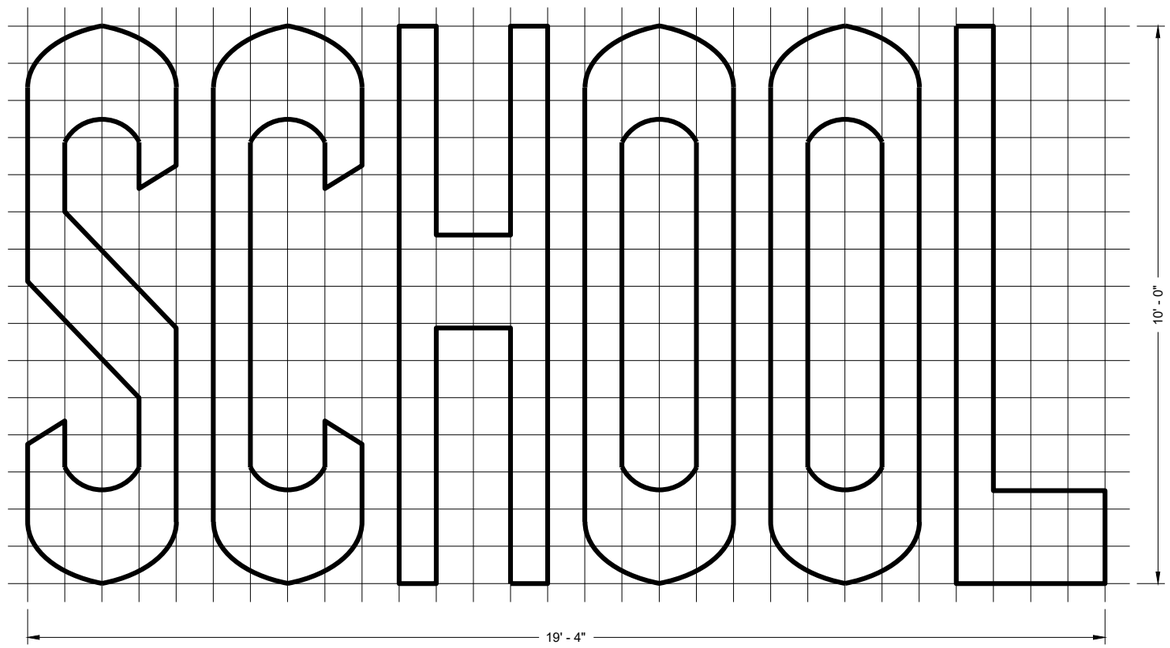
6

SDD 15C03 - 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

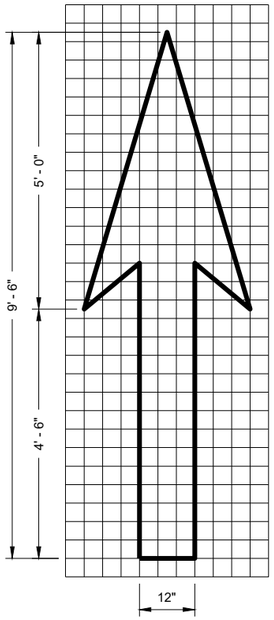
6

SDD 15C07 - 15b

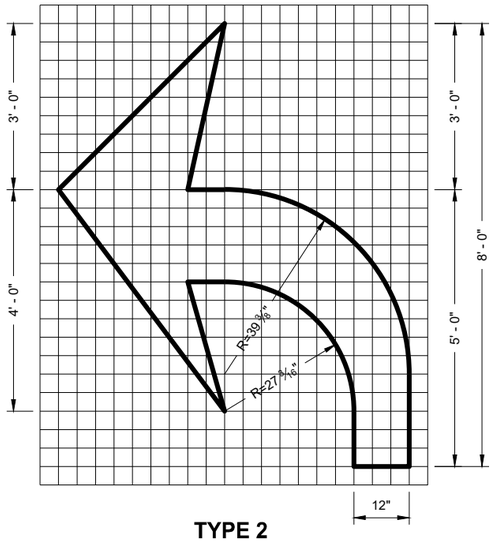
SDD 15C07 - 15b

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 1



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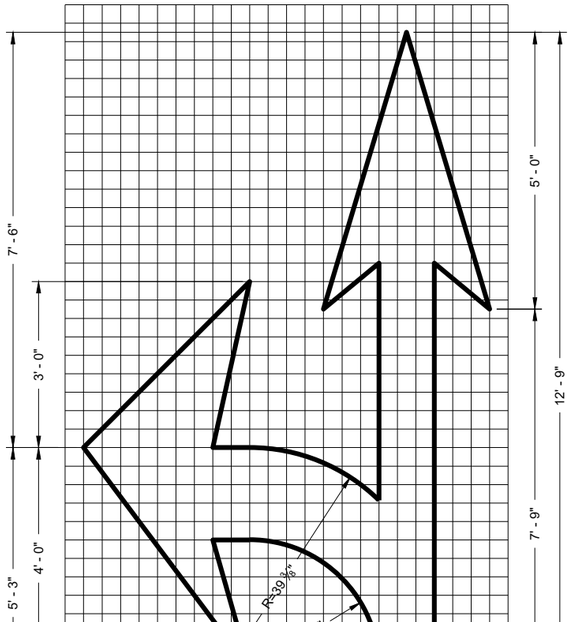

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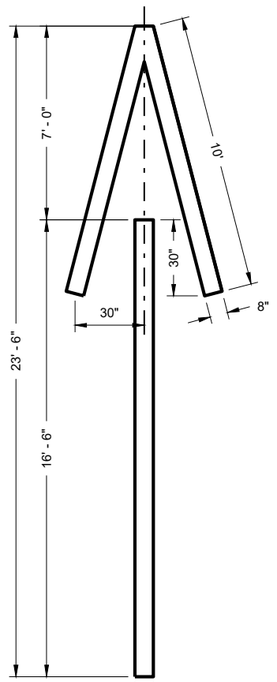

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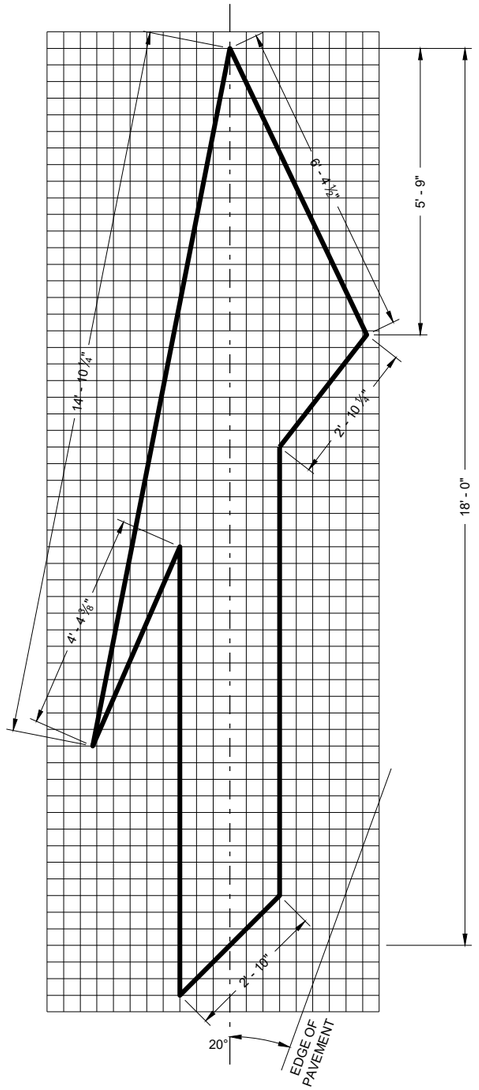
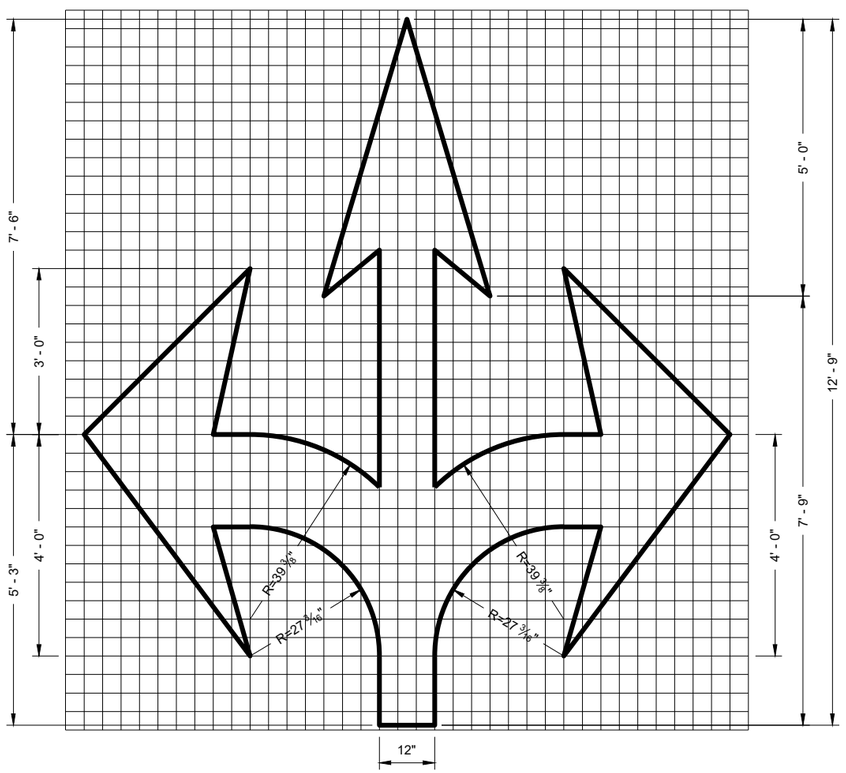
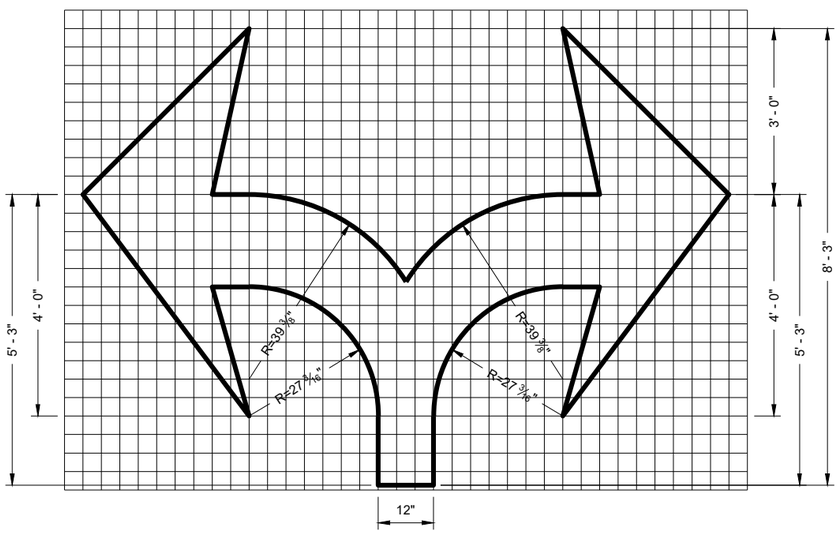


TYPE 5 LANE DROP ARROW



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

FHWA

227

6

SDD 15C07 - 15c

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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

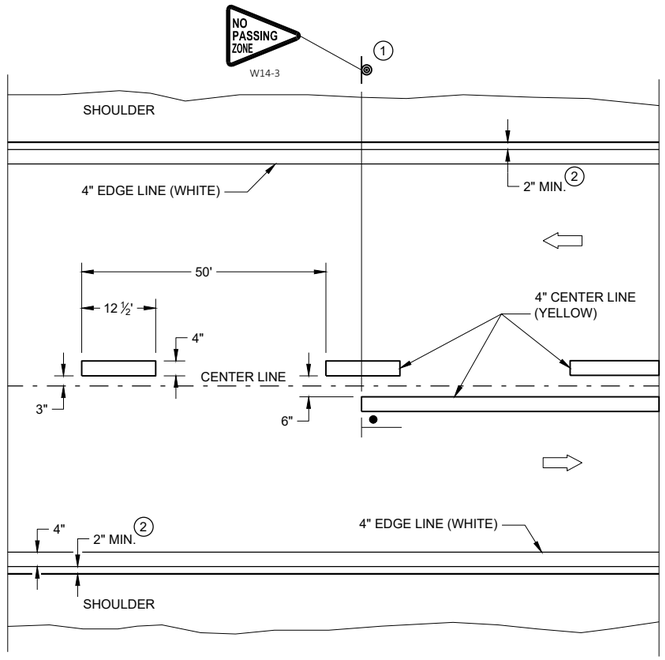
(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

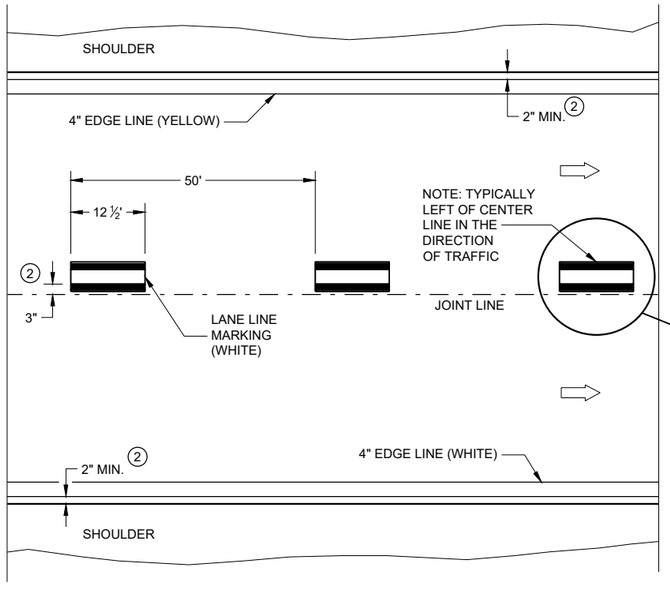
"T" MARKING

SIGN ON PERMANENT SUPPORT

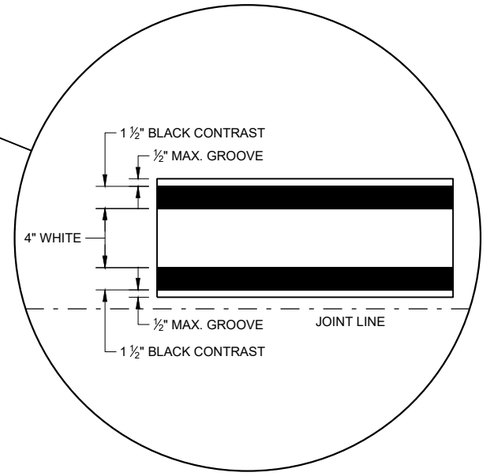
DIRECTION OF TRAFFIC



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

6

SDD 15C08 - 22a

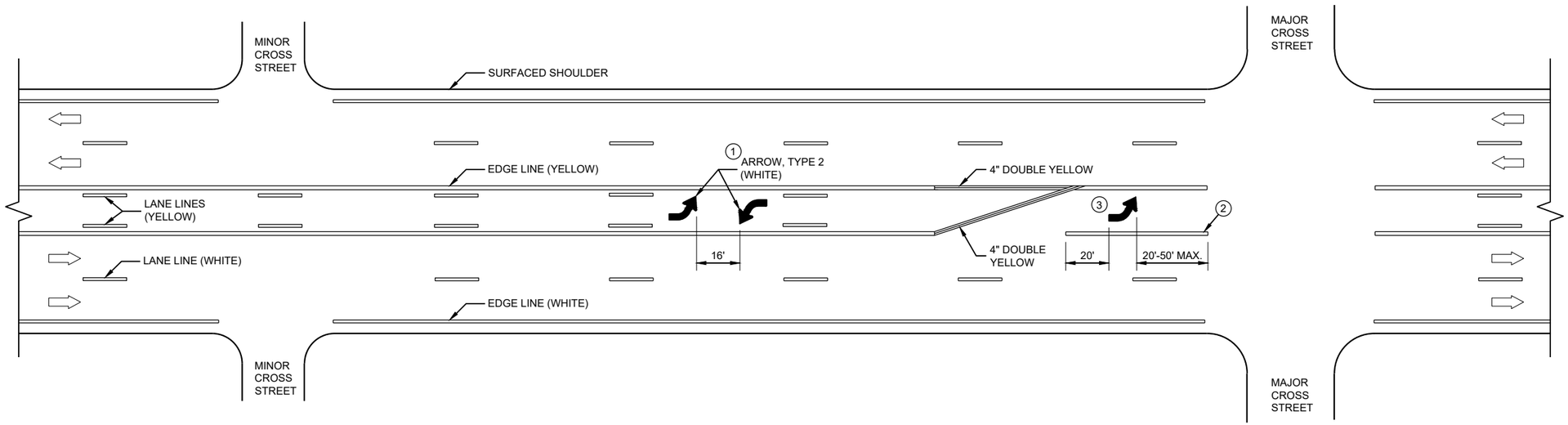
6

SDD 15C08 - 22a

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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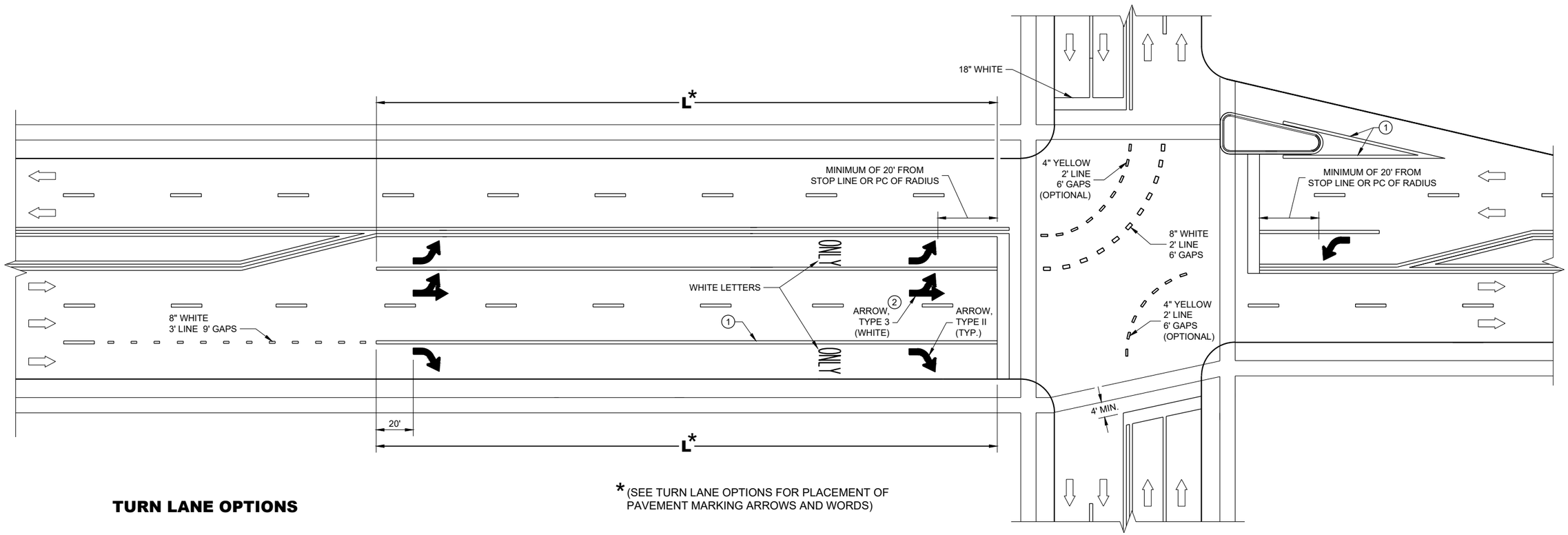
SDD 15C08 - 22c

SDD 15C08 - 22c

PAVEMENT MARKING (TURN LANES)

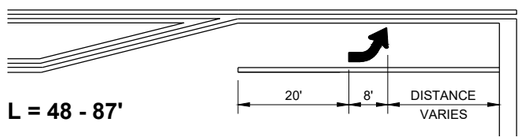
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



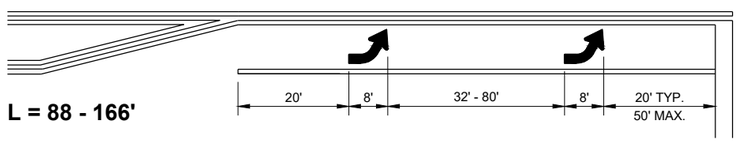
* (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

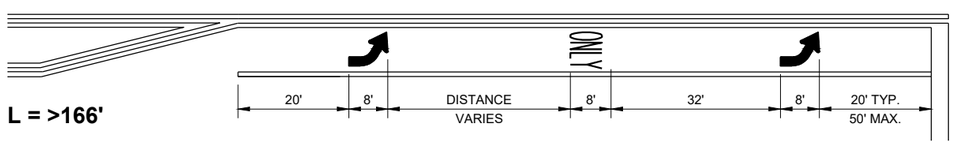
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



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

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.

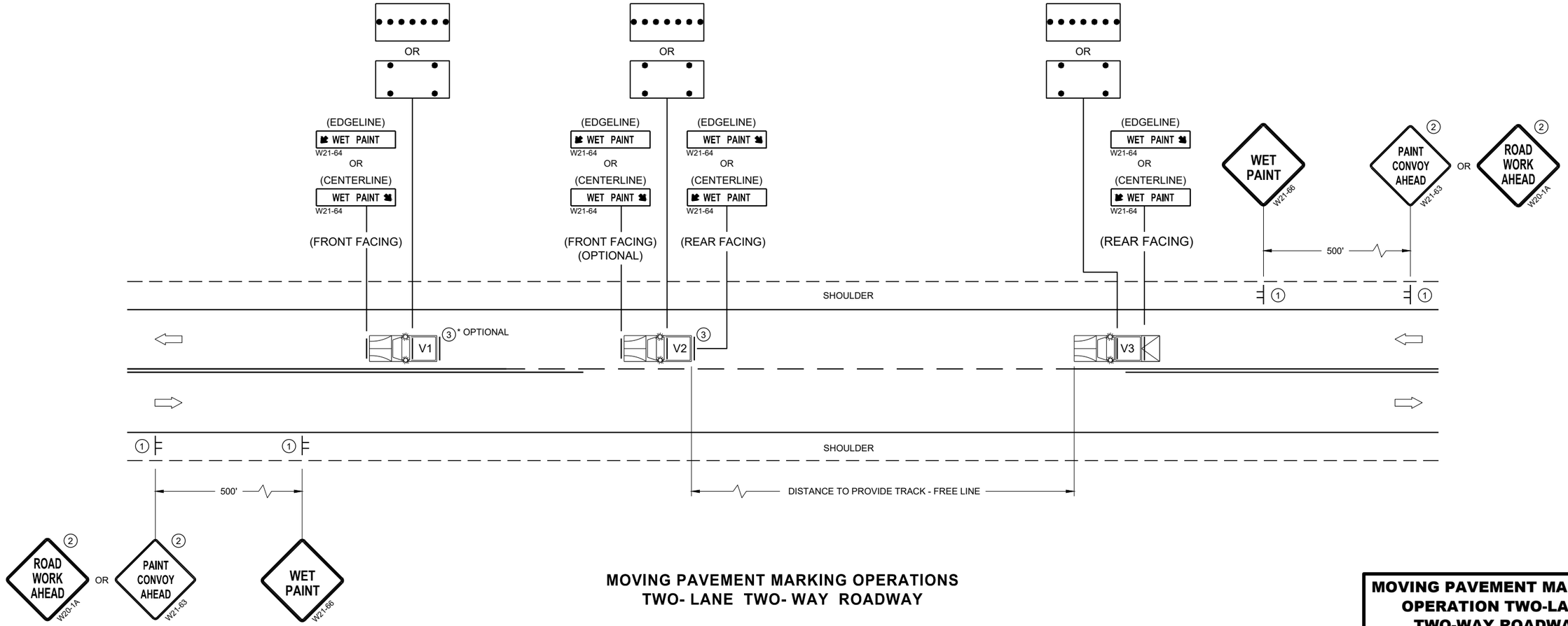
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

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

SDD 15C19-08a

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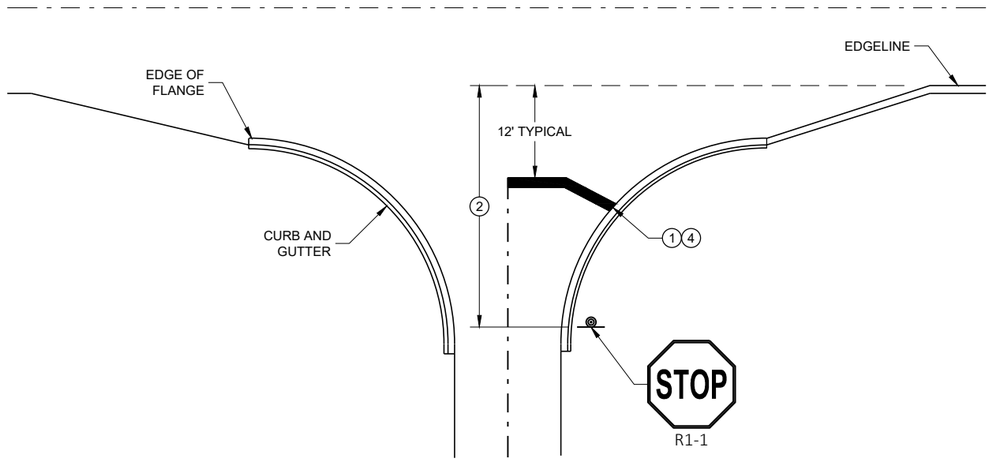
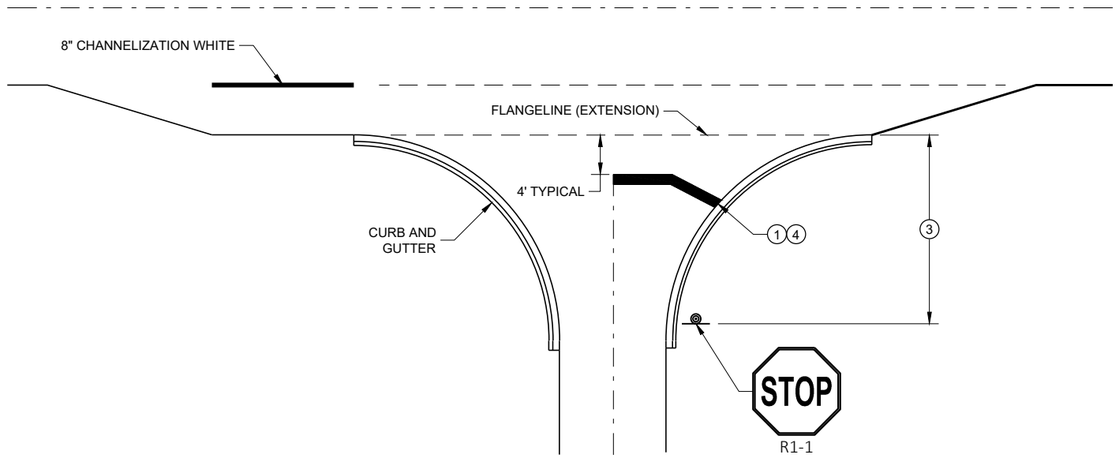
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

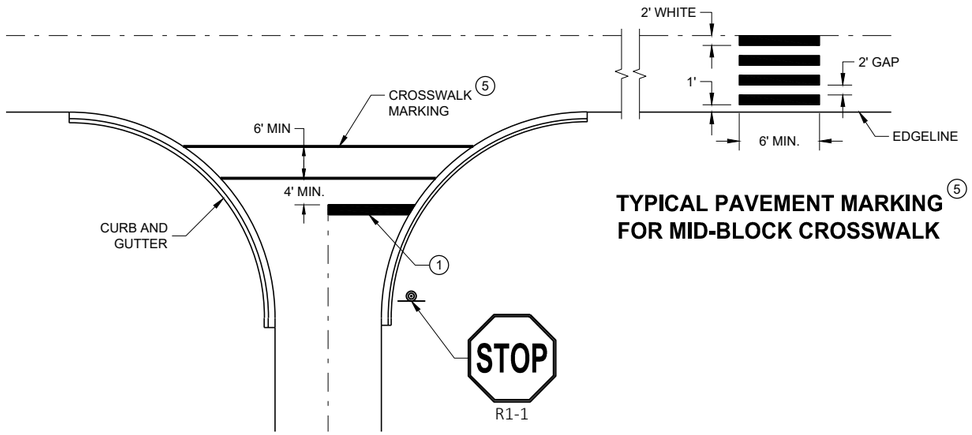
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE 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

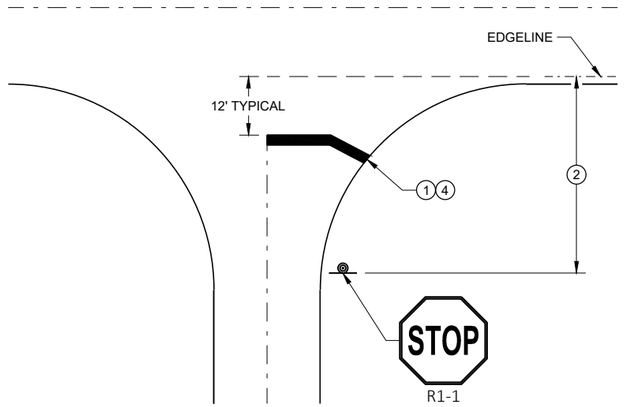


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



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 MARKING ENGINEER

FHWA

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SDD 15C33 - 04

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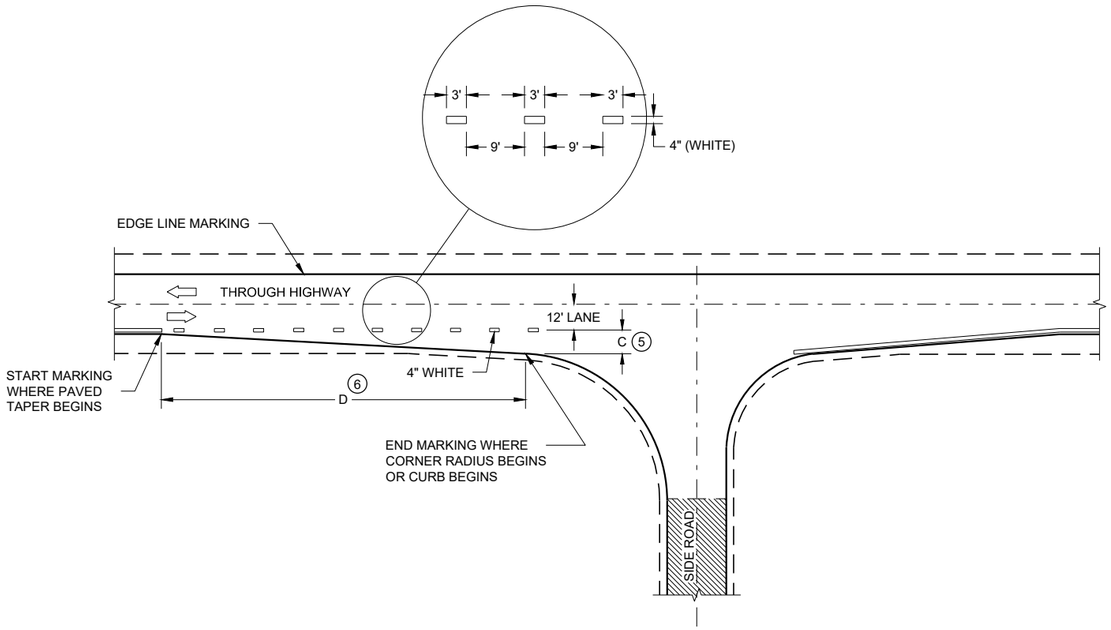
SDD 15C33 - 04



MINOR INTERSECTION

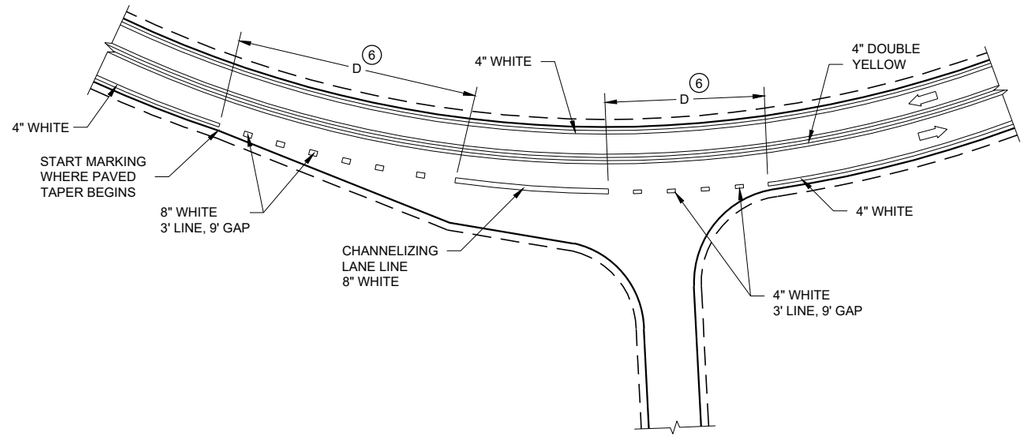
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

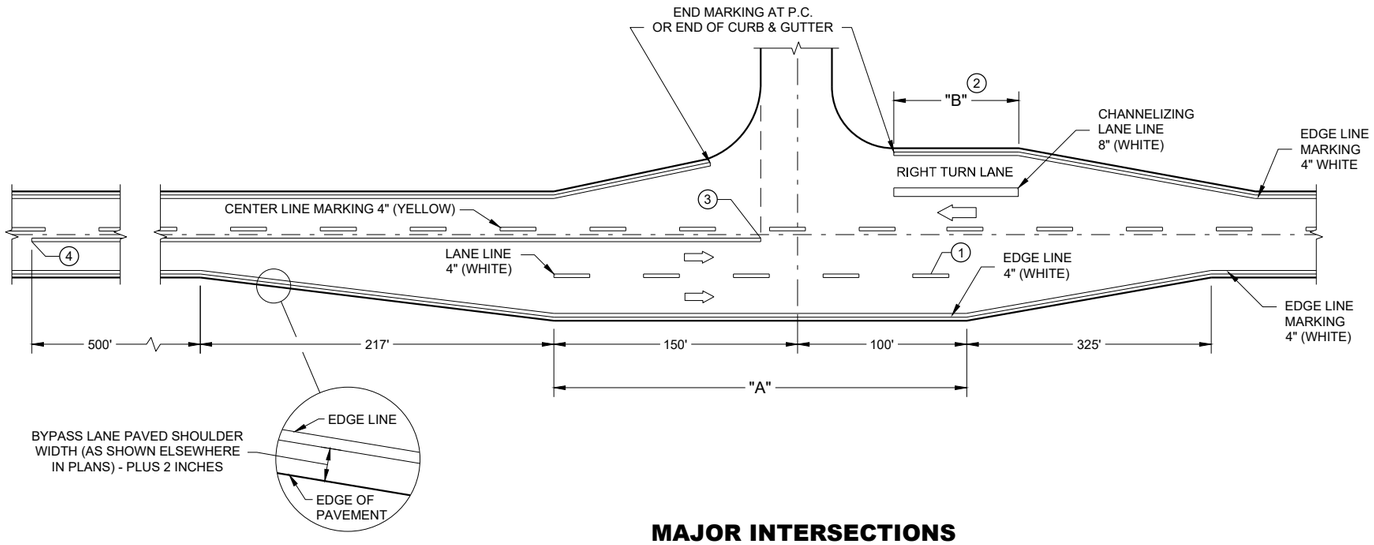
1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



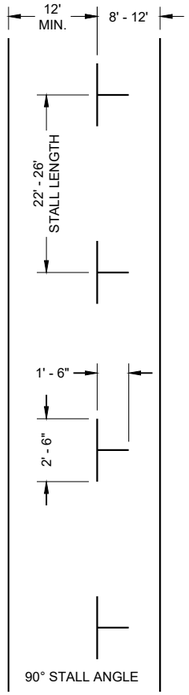
INTERSECTION ON OUTSIDE OF CURVE



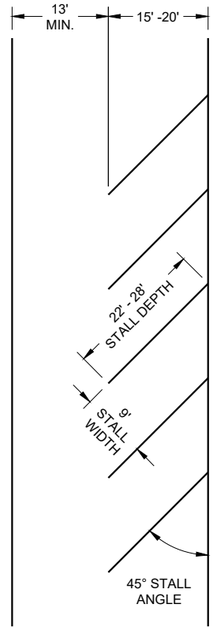
MAJOR INTERSECTIONS

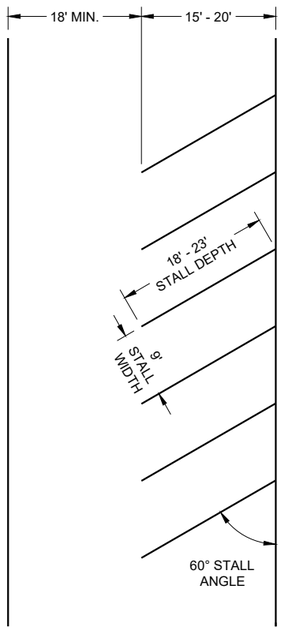
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

PAVEMENT MARKING (INTERSECTIONS)



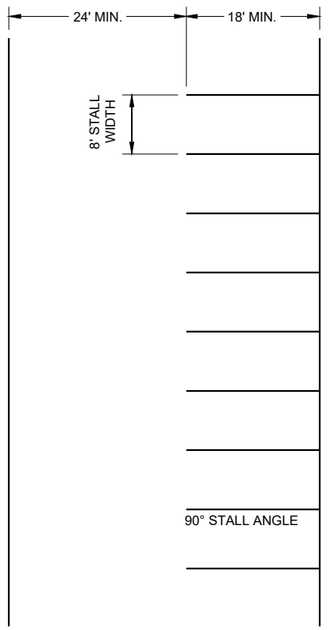
PARALLEL PARKING





ANGLED PARKING

(ANGLED PARKING IS NOT ALLOWED ON STATE HIGHWAYS UNLESS A DESIGN JUSTIFICATION HAS BEEN COMPLETED.)



PARKING LOTS

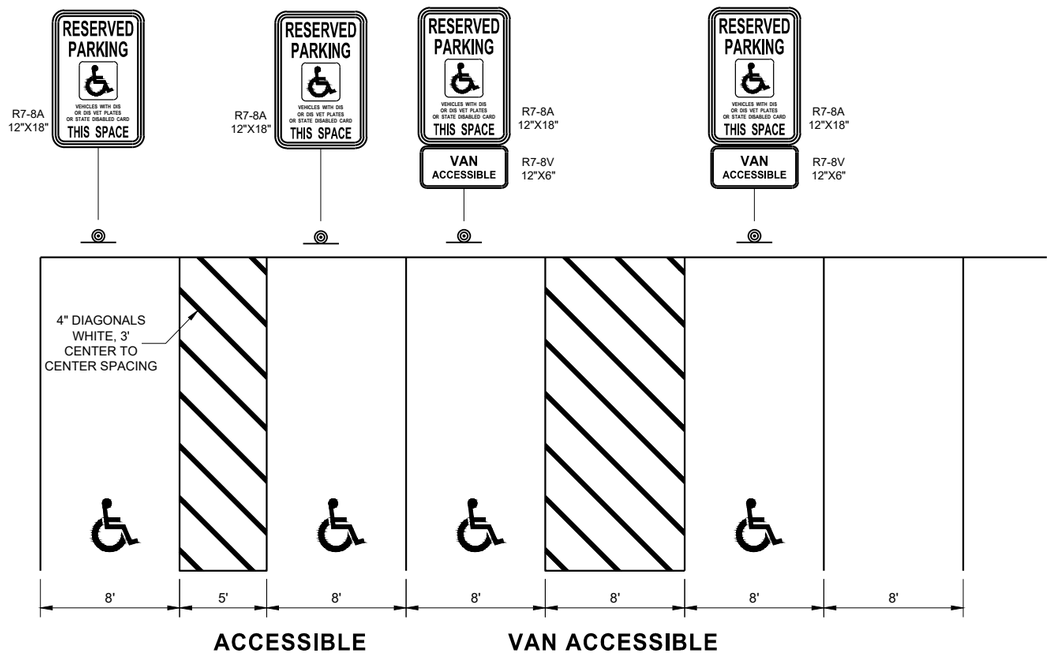
GENERAL NOTES

ALL LINES 4" WHITE (UNLESS OTHERWISE NOTED)

LAST PARKING STALL IS A MINIMUM OF 15' FROM THE CROSSWALK.

LEGEND

SIGN ON PERMANENT SUPPORT



PARKING STALL MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAR ENGINEER

FHWA

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SDD 15C36 - 01

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SDD 15C36 - 01

GENERAL NOTES

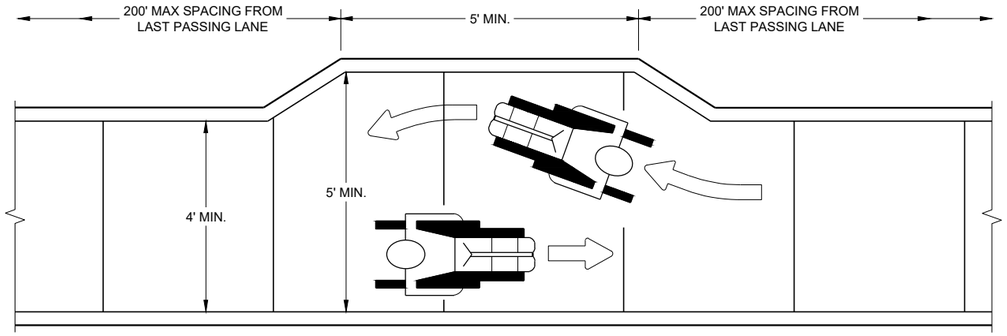
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

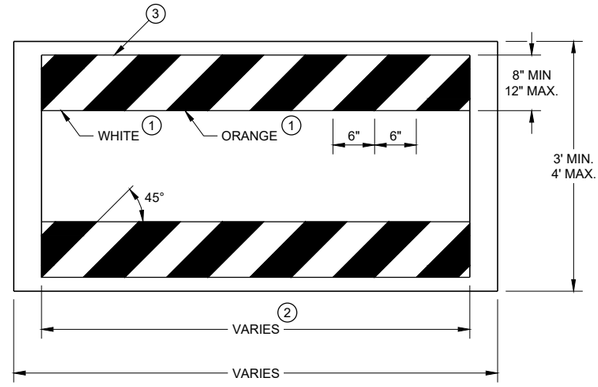
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

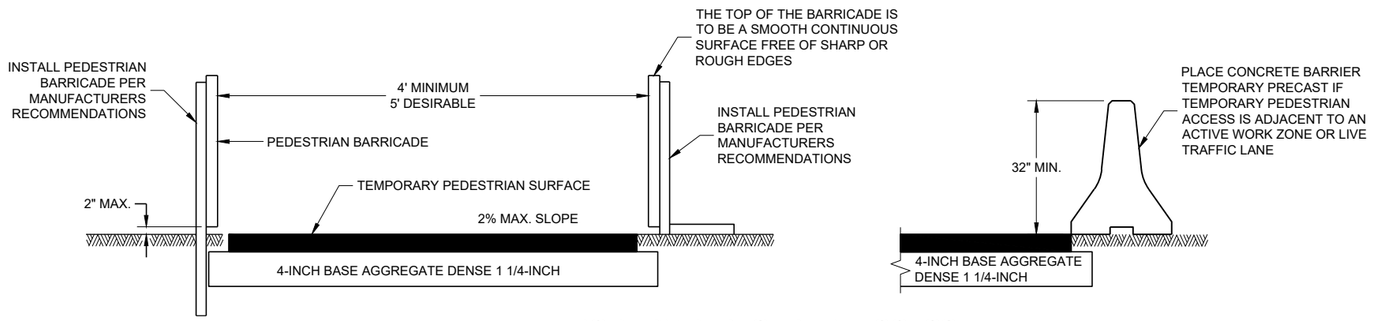
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN BARRICADE*

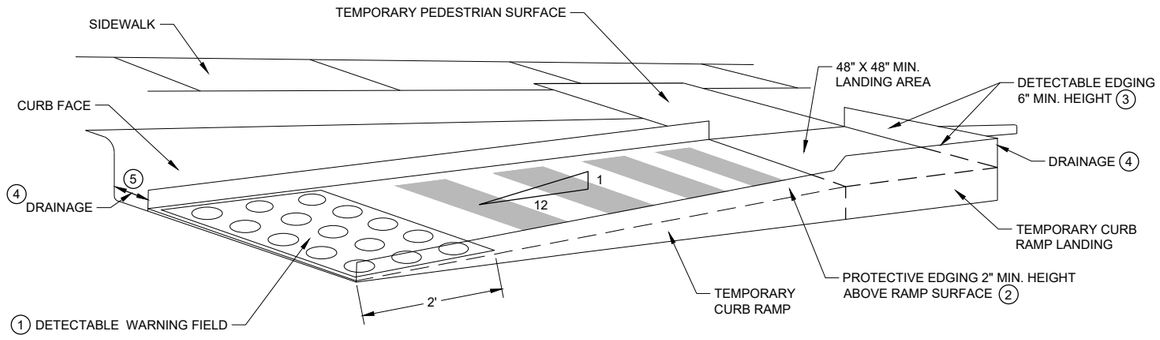


TEMPORARY PEDESTRIAN ACCESS

6

SDD 15D30 - 08a

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



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.

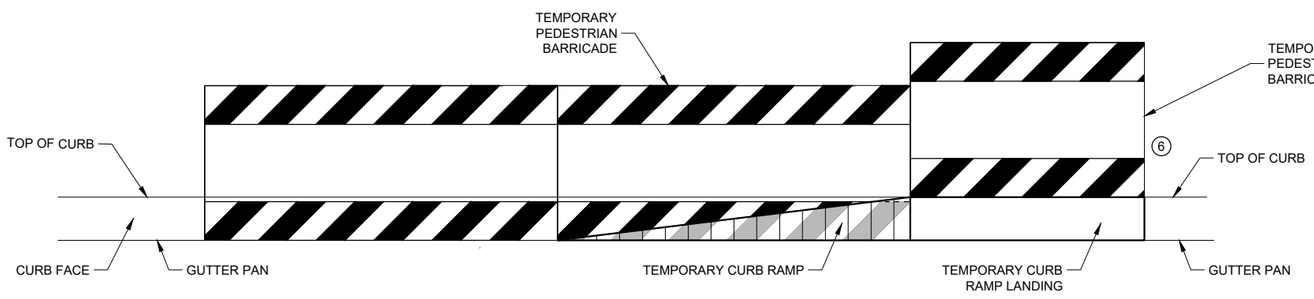
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

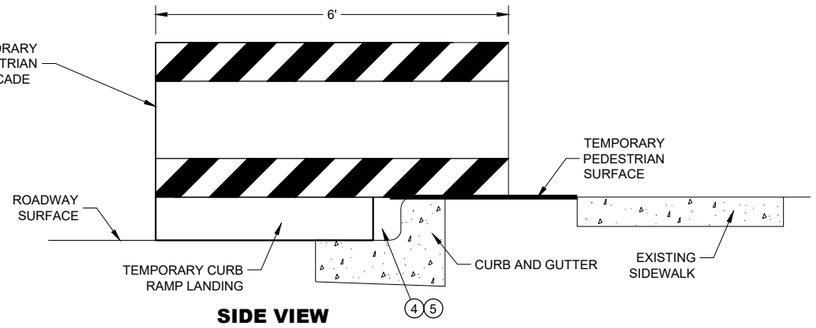
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(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

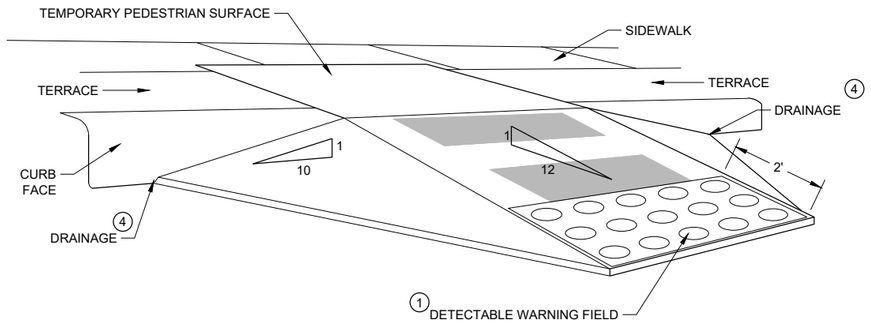
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

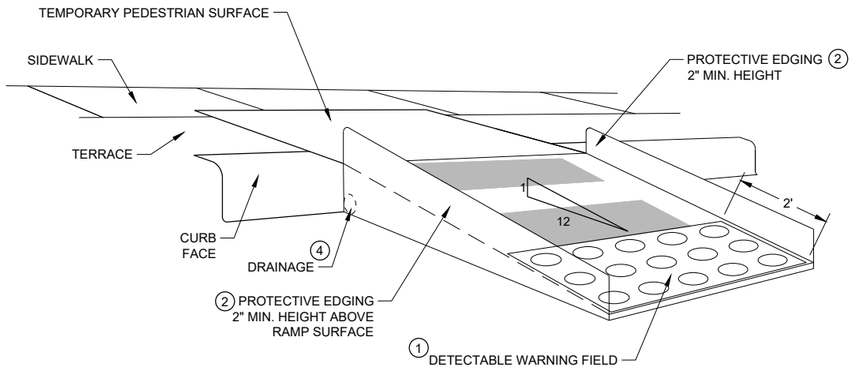
SDD 15D30 - 08b

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

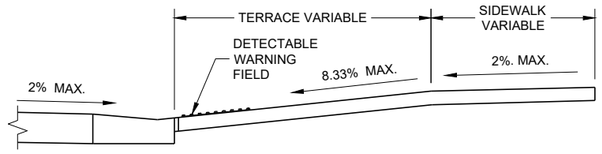
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

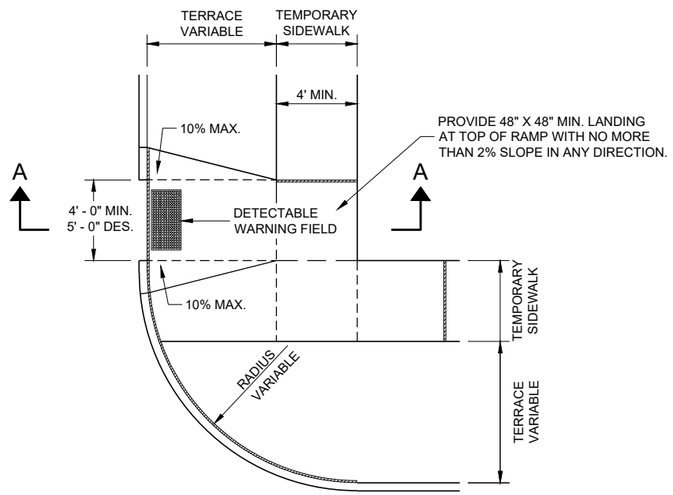
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(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

LEGEND

SIGN ON PERMANENT SUPPORT

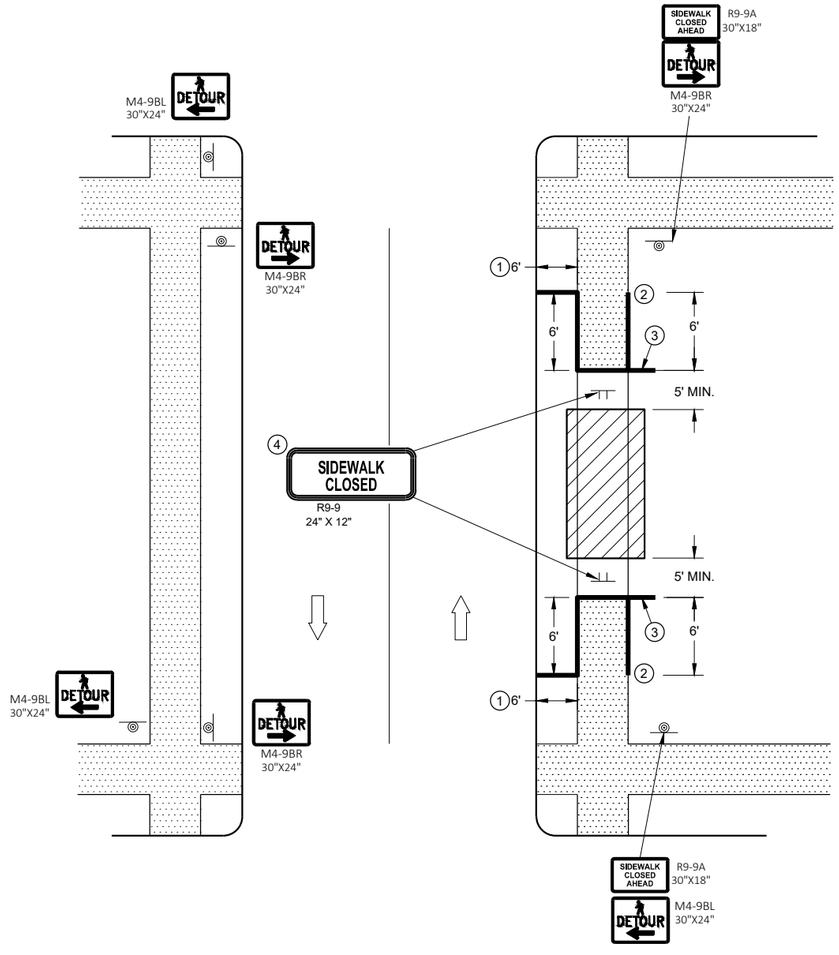
SIGN ON TEMPORARY SUPPORT

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.

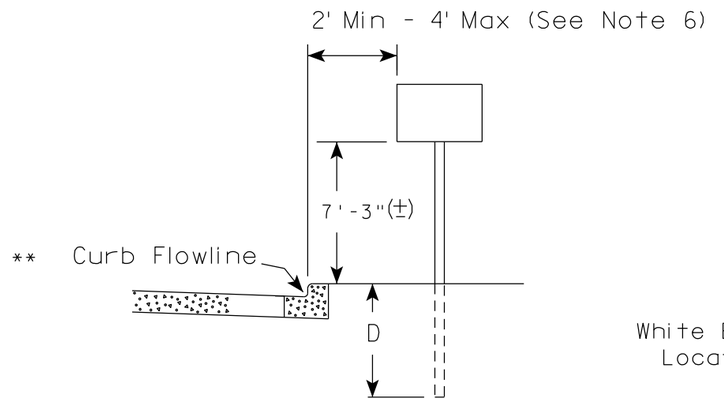
SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

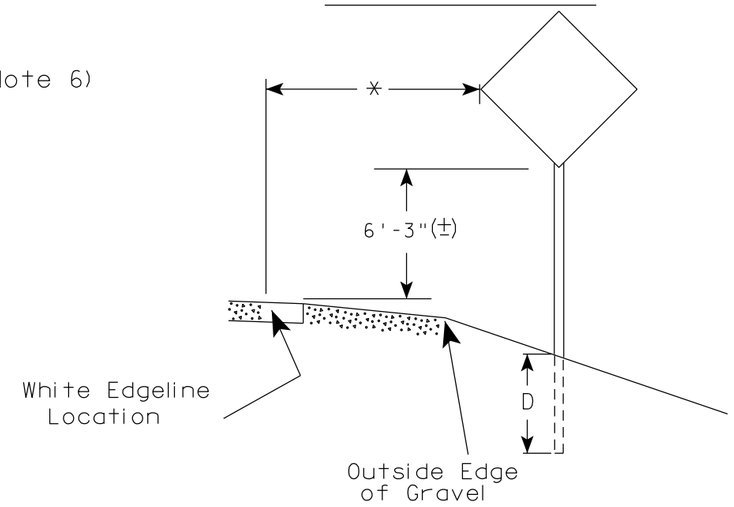
1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN 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.

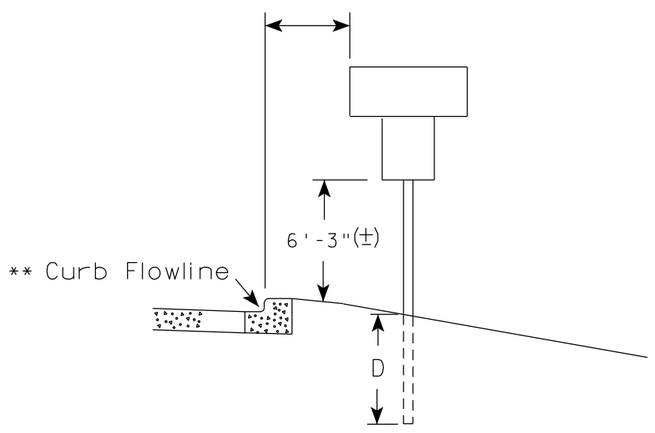
SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

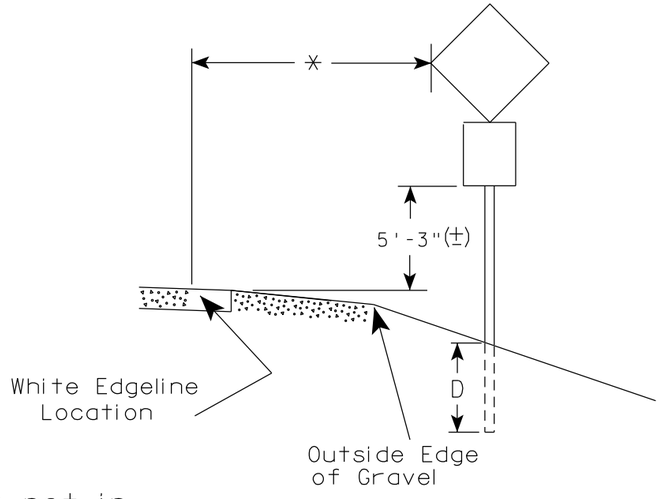
URBAN AREA



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.

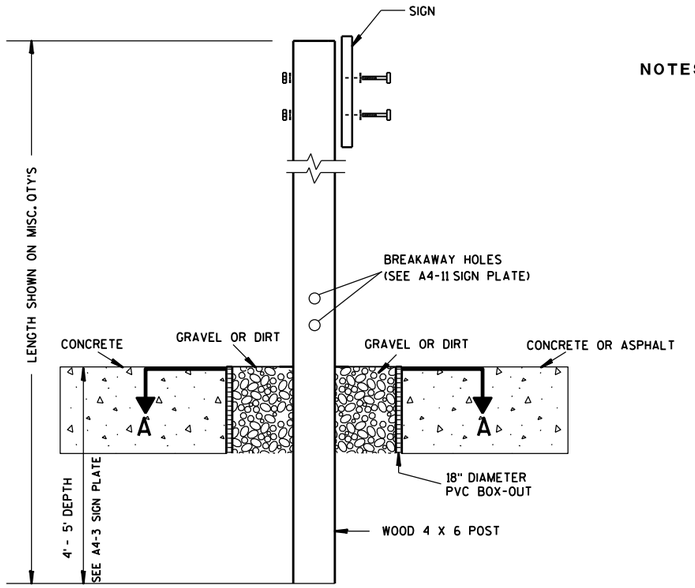
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

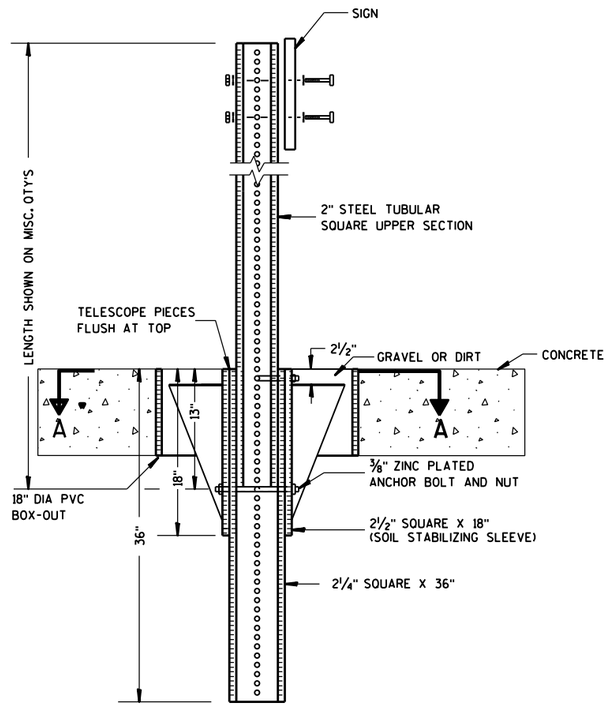
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 240	E



ELEVATION VIEW

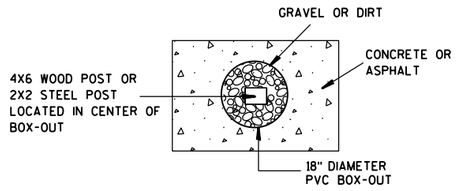
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

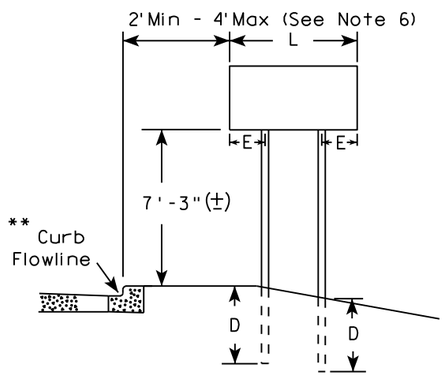
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

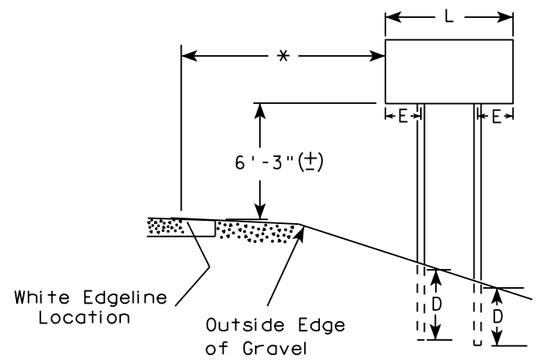
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

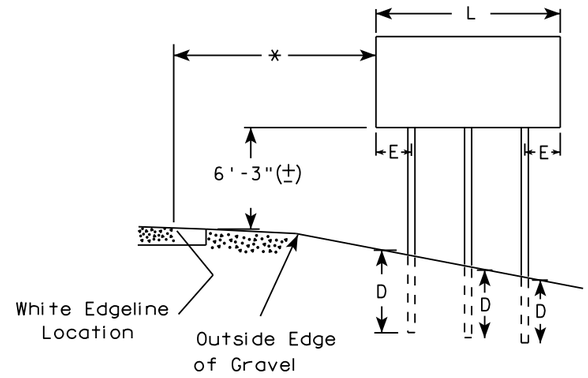
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

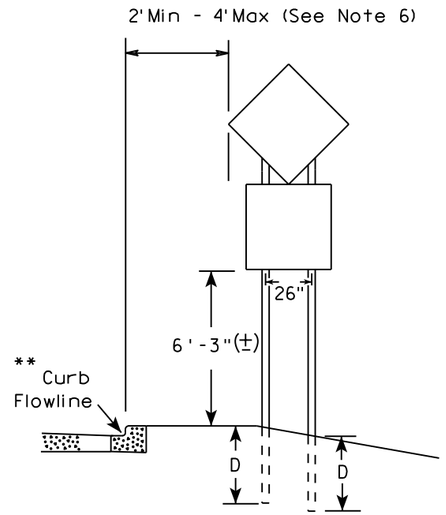
URBAN AREA



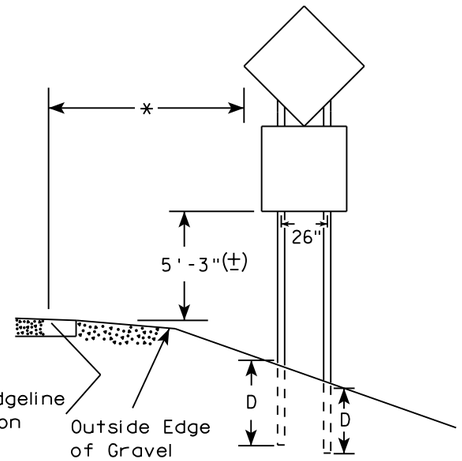
RURAL AREA (See Note 3)







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'

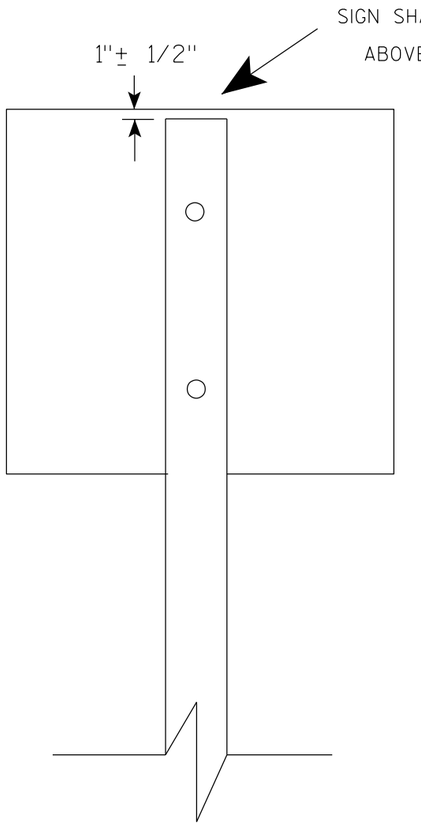
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

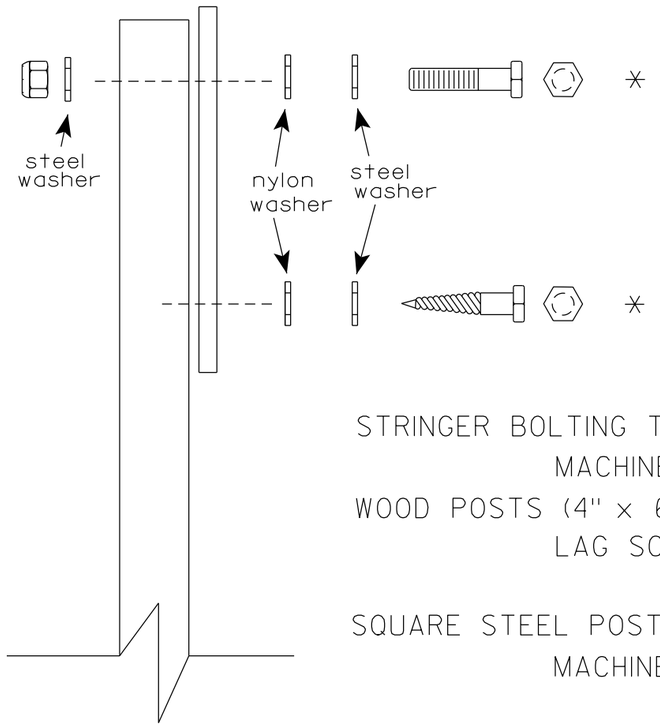
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 242	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

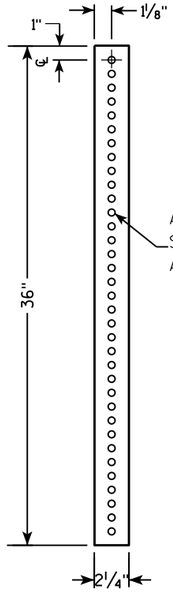
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

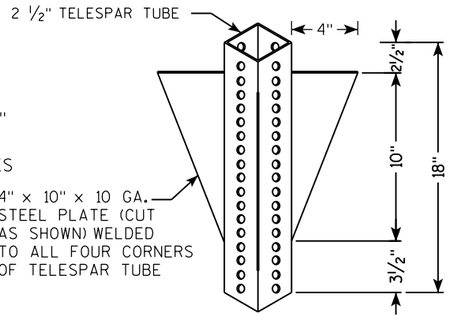
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

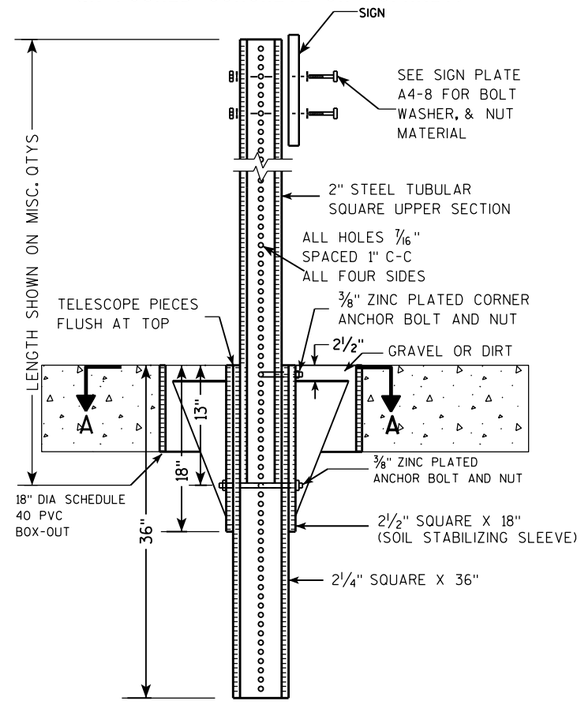
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



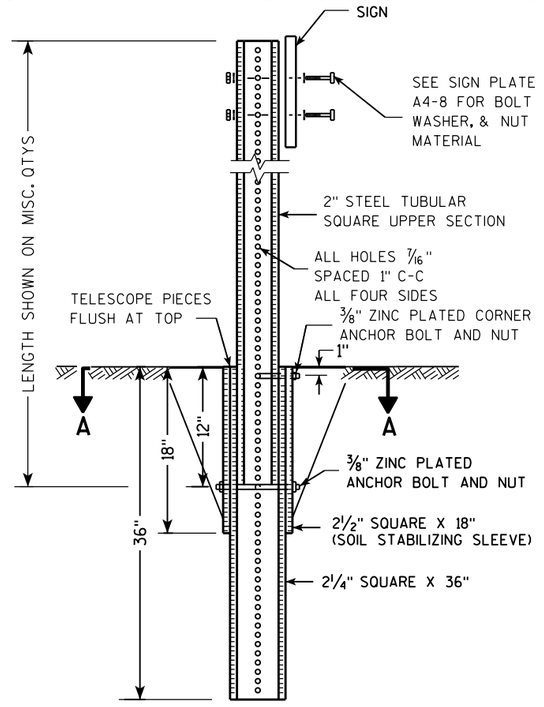
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

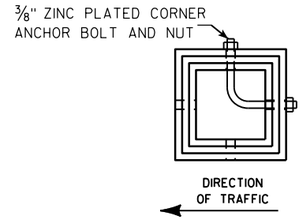


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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).

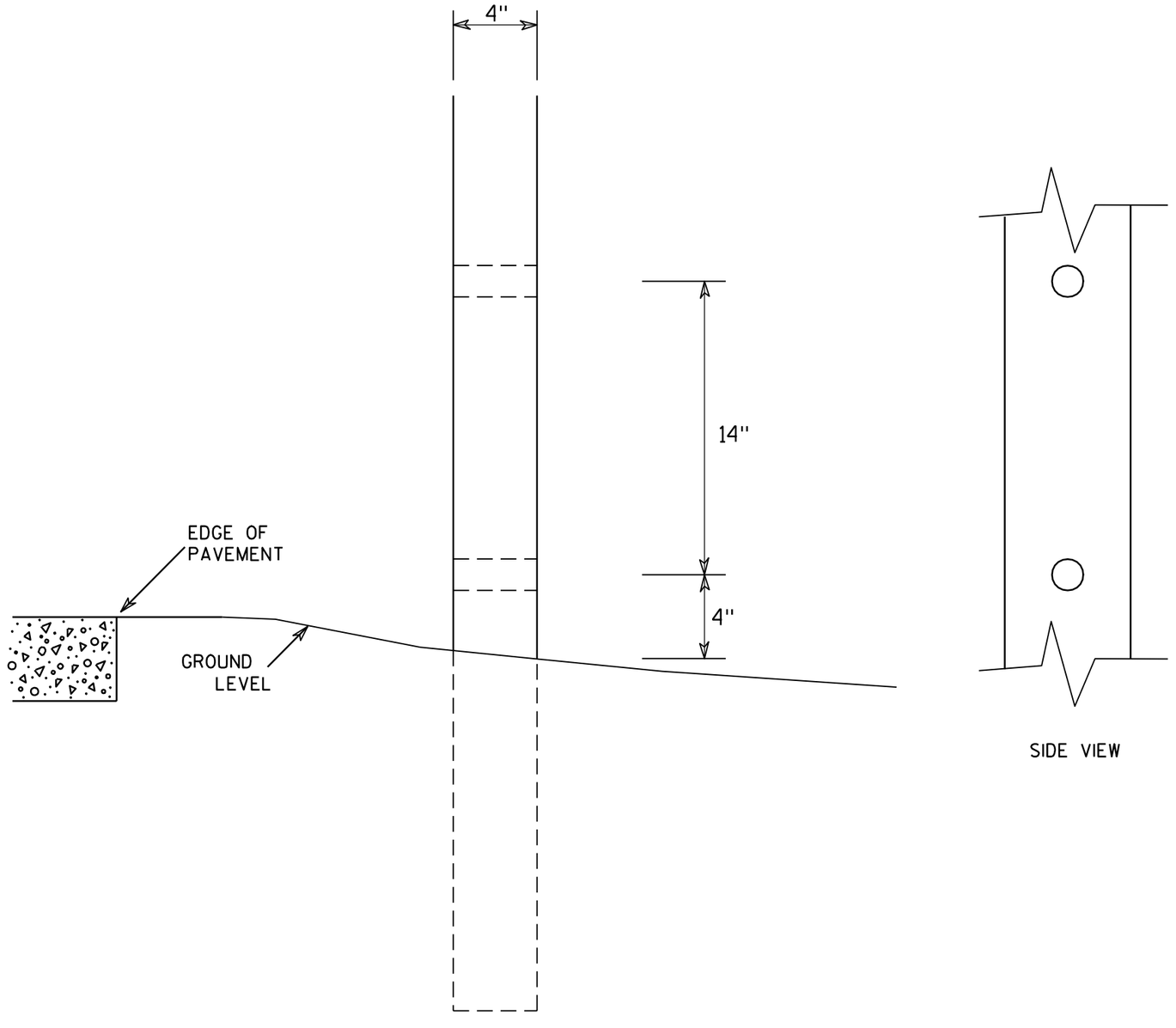
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 244 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

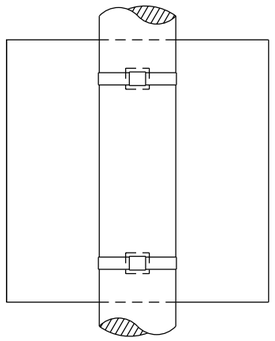
APPROVED Chester J Spang
for State Traffic Engineer

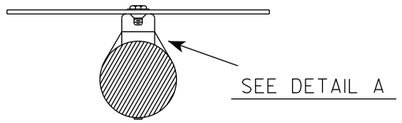
DATE 3/27/97 PLATE NO. A4-11.2

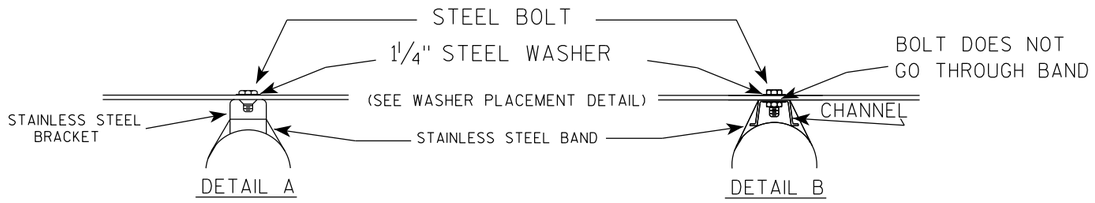
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 245	E

BANDING

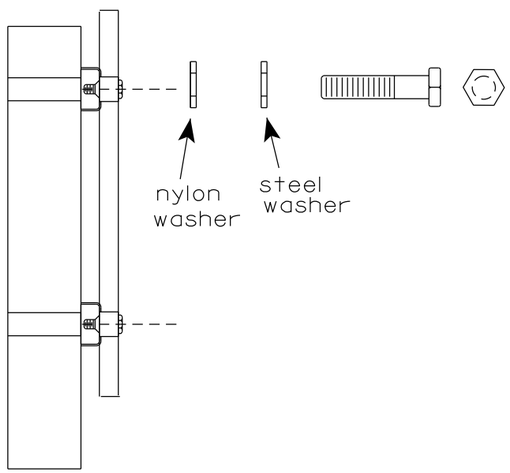
SINGLE SIGN







WASHER PLACEMENT

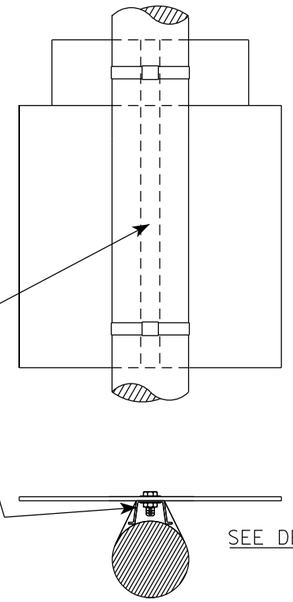


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

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



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

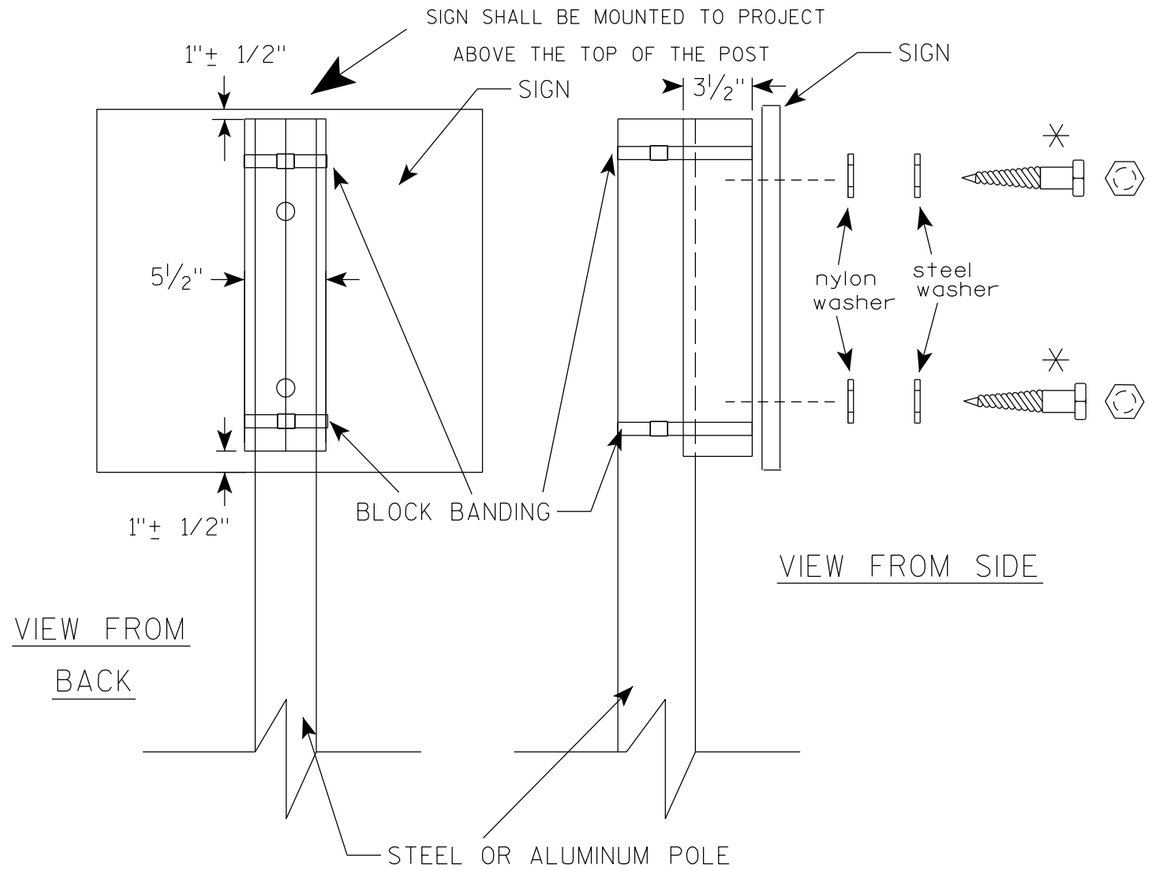
DATE 6/10/19 PLATE NO. A5-9.4

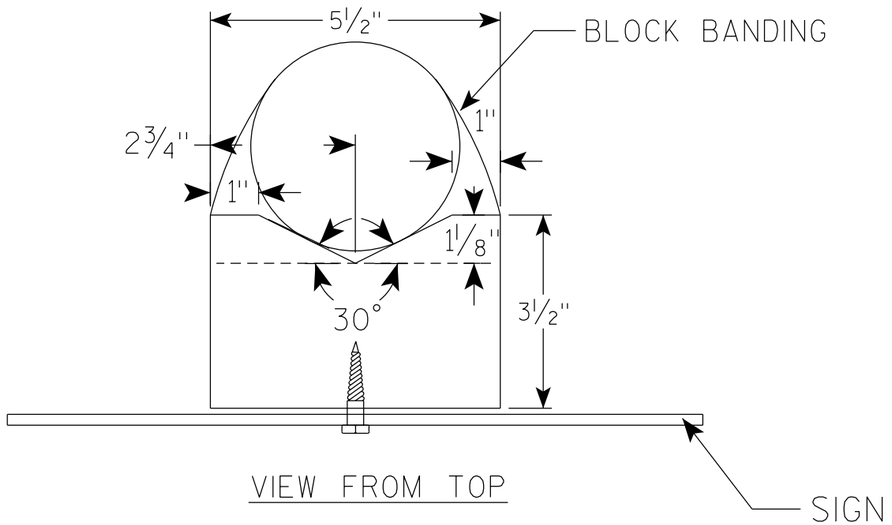
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 246	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





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)

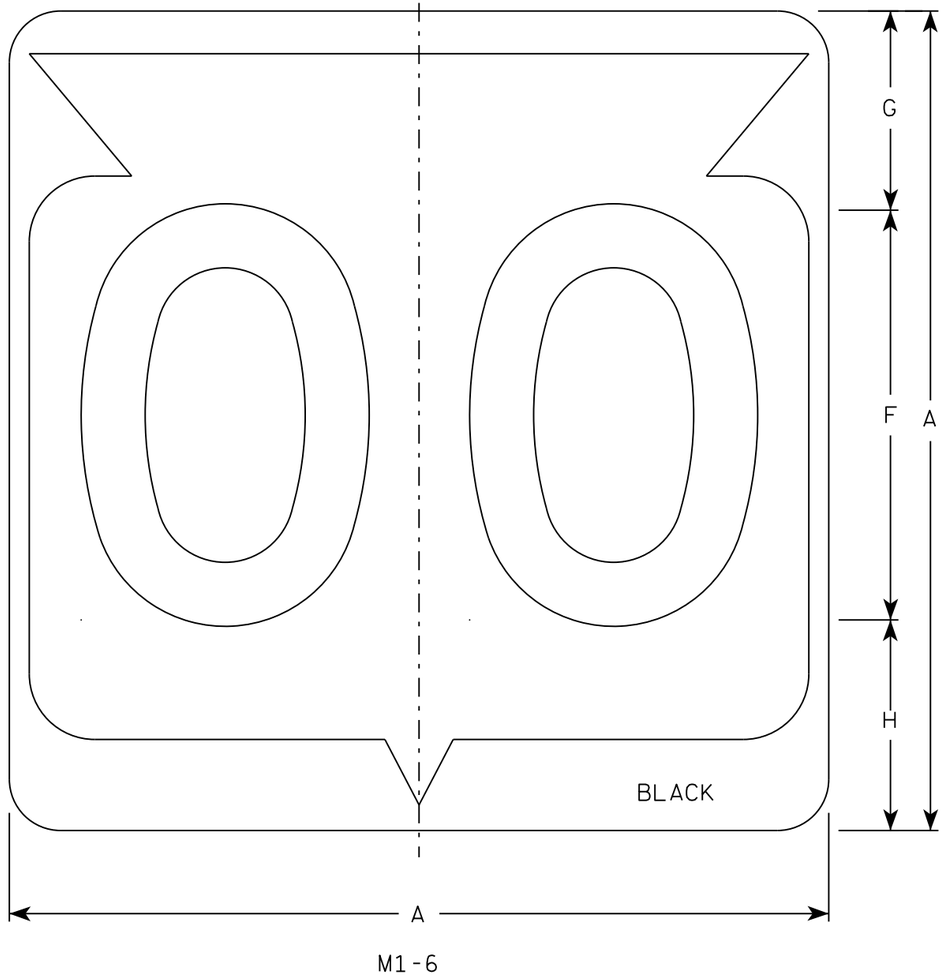
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

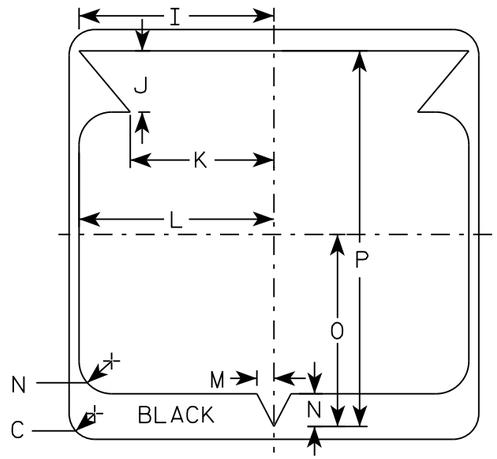
SHEET NO: 247 E



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

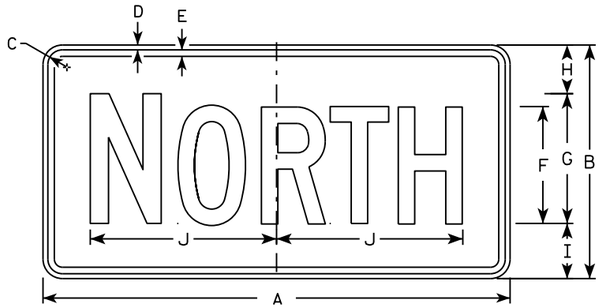
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

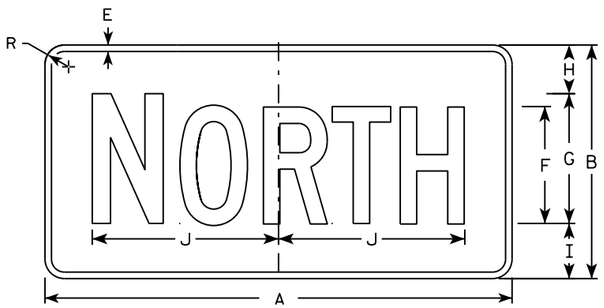
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/16/18 PLATE NO. M1-6.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 248 E



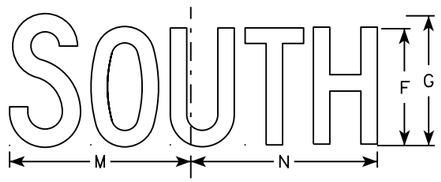
M3-1
MM3-1
MP3-1



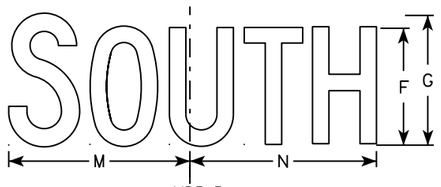
MB3-1
MK3-1
MN3-1

M3-2
MM3-2
MP3-2

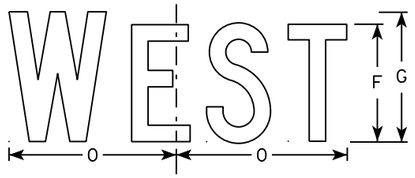
MB3-2
MK3-2
MN3-2



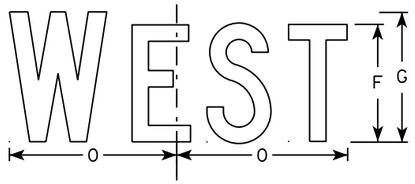
M3-3
MM3-3
MP3-3



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

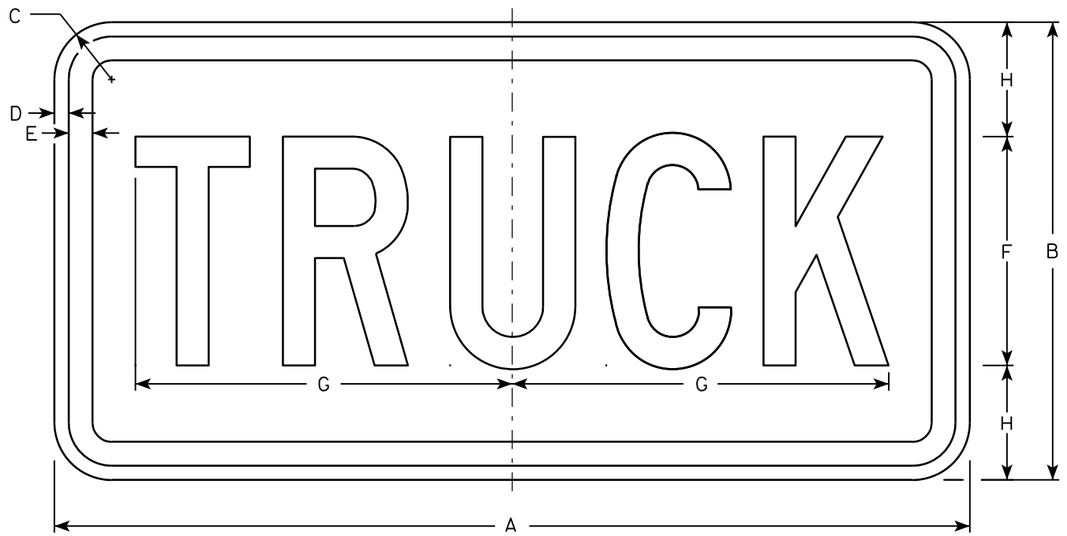
APPROVED Matthew P Rauch for State Traffic Engineer

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

7



M4-4

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 - 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. Permanent Signs
   Background - Type H Reflective
   Temporary 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 1/2	3/8	3/8	6	9 7/8	3																			2.0
3	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5
4																											
5																											

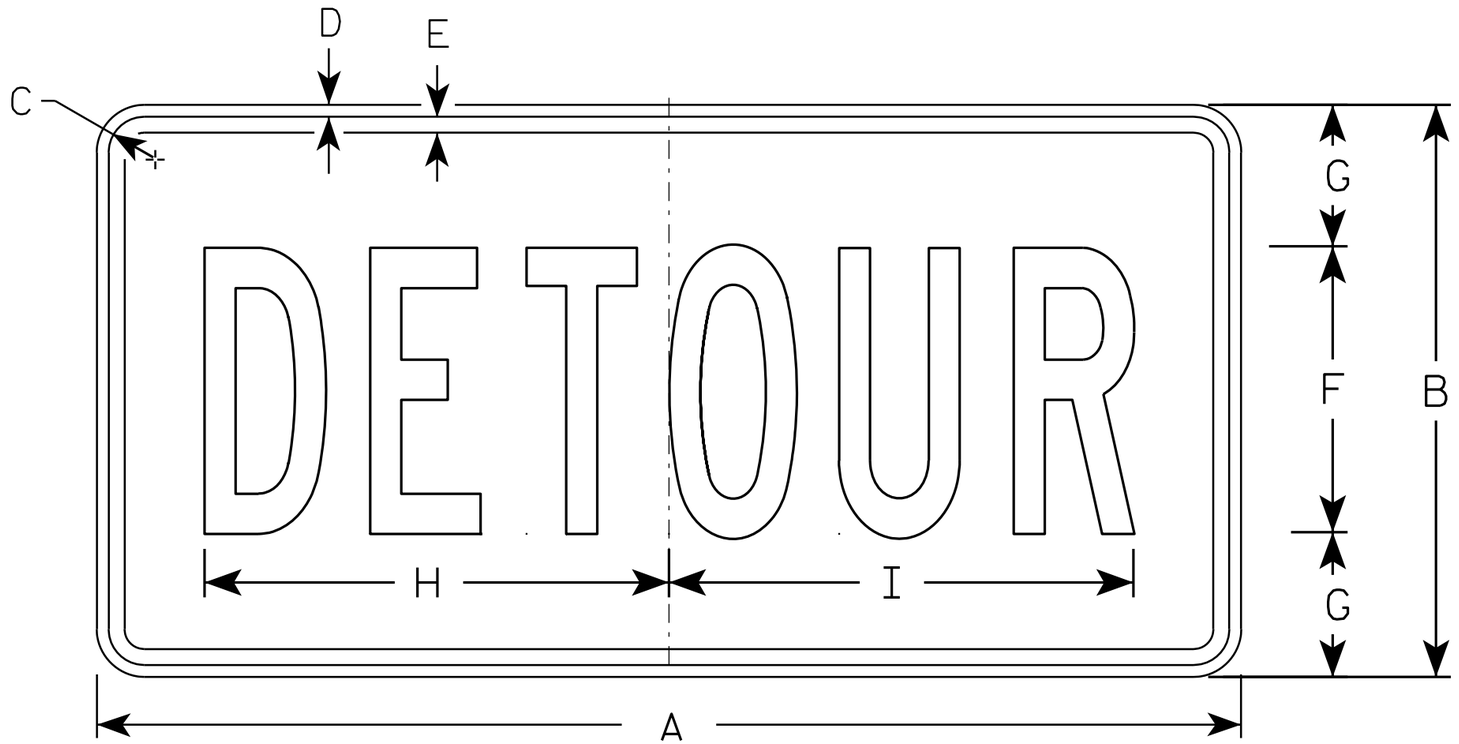
STANDARD SIGN
M4-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-4.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 250 | E



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																											

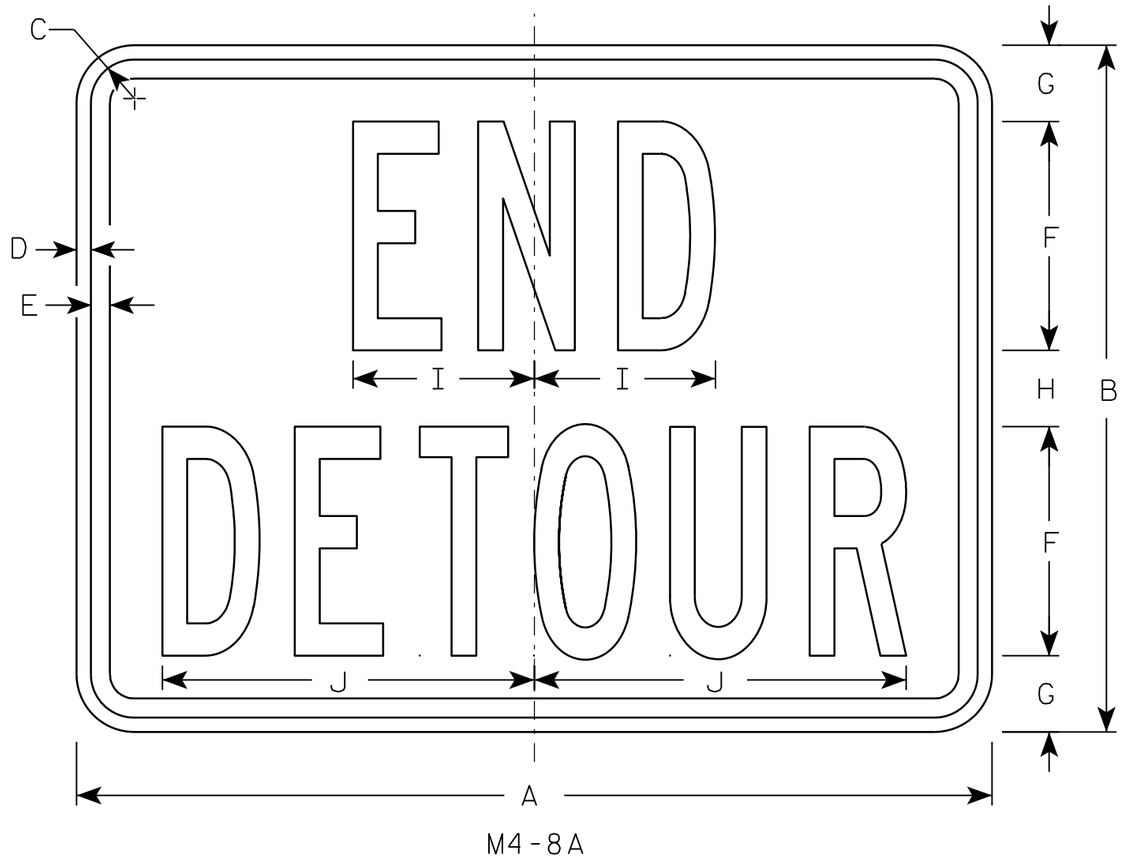
STANDARD SIGN
M4-8

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: 251	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																											

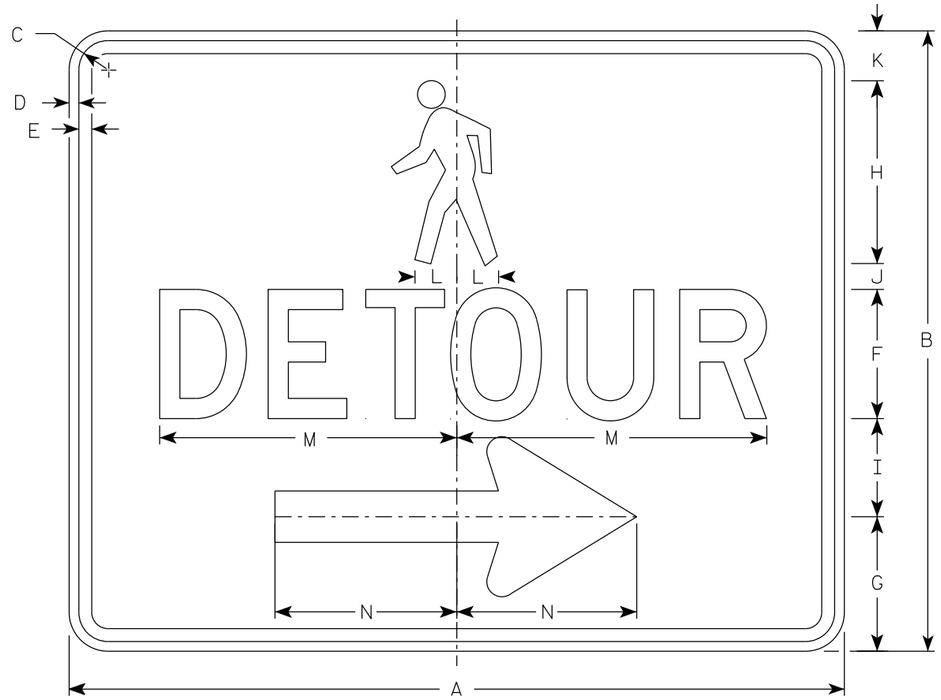
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-8A.2

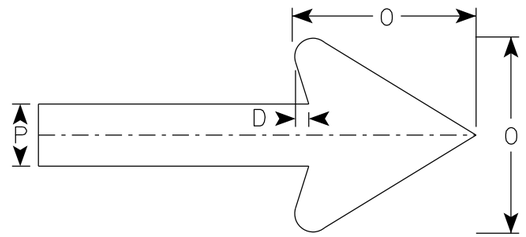
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 252	E



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																											

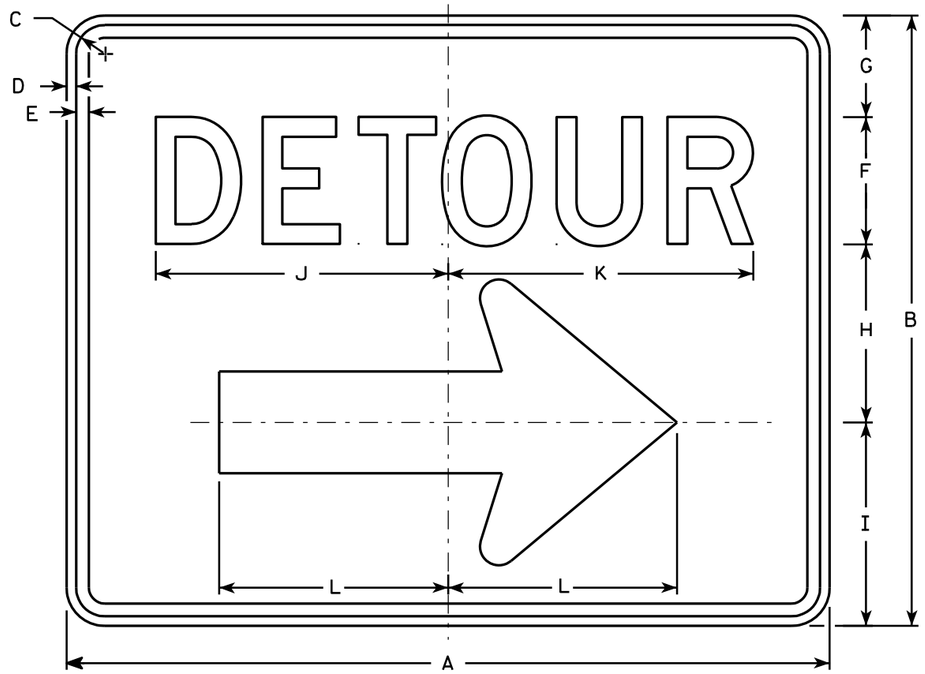
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 7/1/19 PLATE NO. M4-9B.2

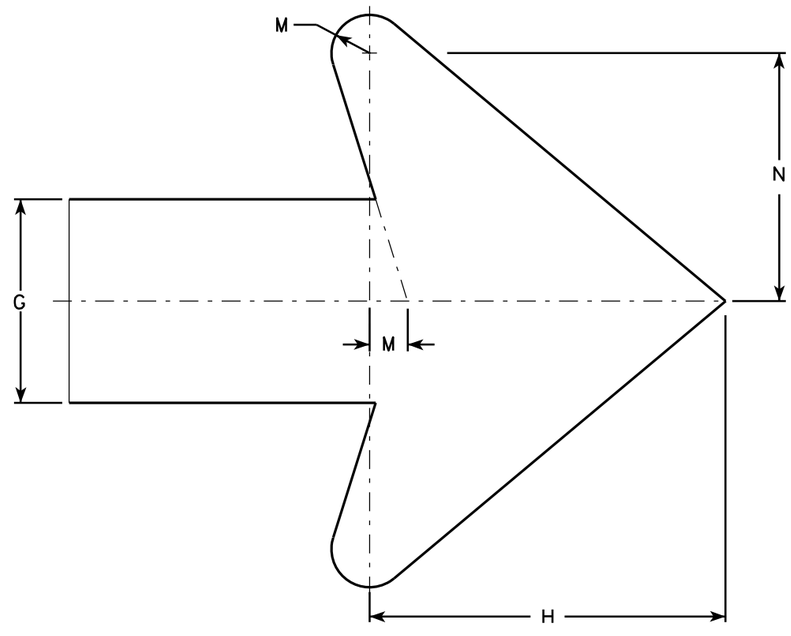
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 253 | E



M4-9R

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 - 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. M4-9L is the same as M4-9R 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	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/8	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 3/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 3/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

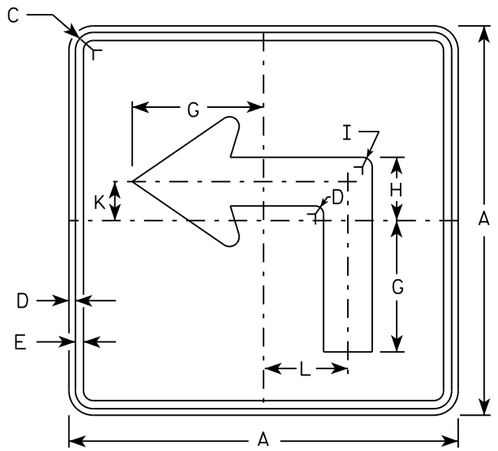
STANDARD SIGN
M4-9 R & L

WISCONSIN DEPT OF TRANSPORTATION

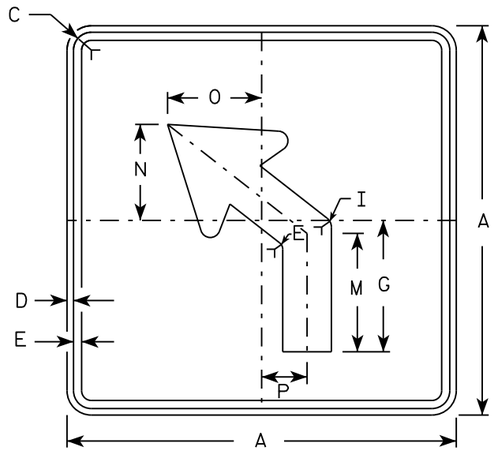
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-9R.4

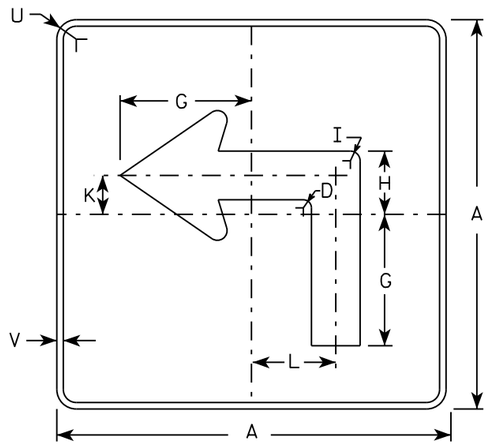
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 254 | E



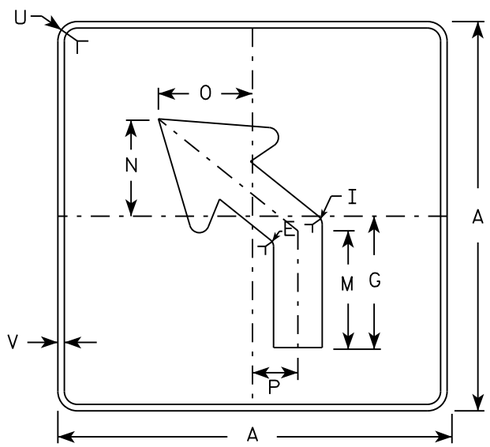
M5-1L
MM5-1L
MO5-1L
MP5-1L



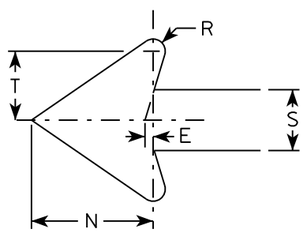
M5-2L
MM5-2L
MO5-2L
MP5-2L



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

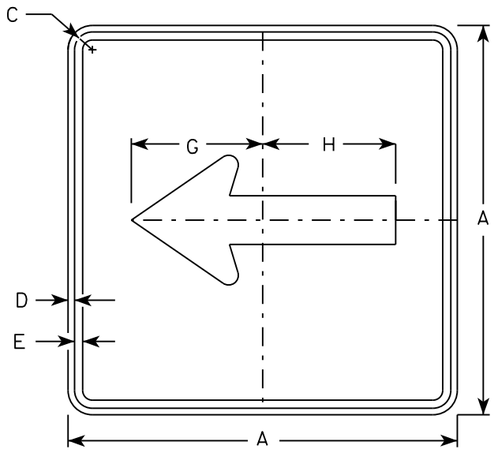
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

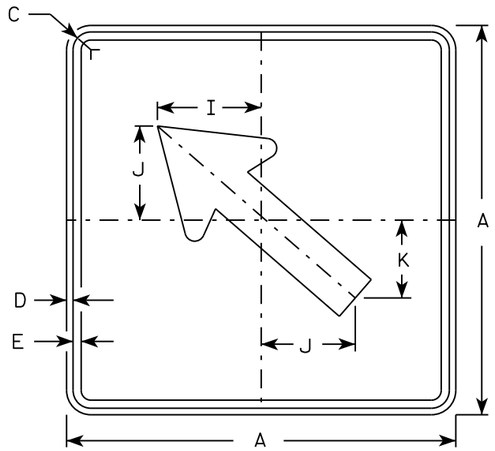
DATE 10/15/15 PLATE NO. M5-1.13

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



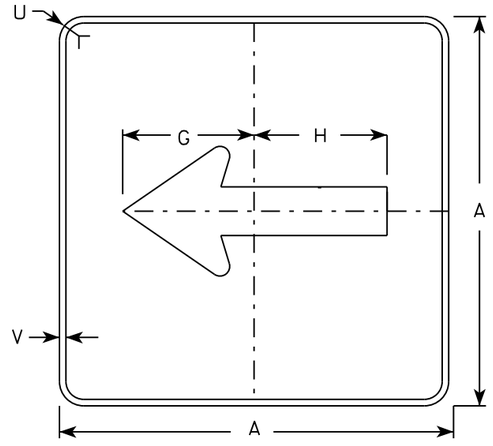
M6-1
MM6-1
MO6-1
MP6-1



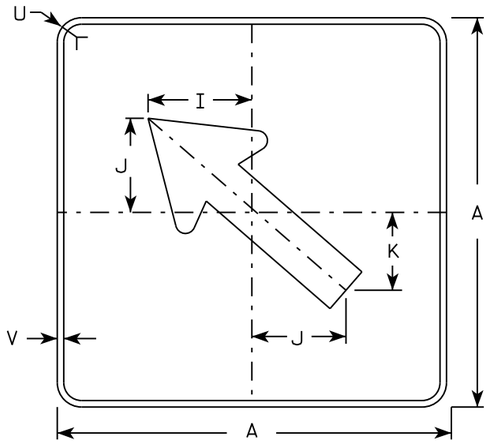
M6-2
MM6-2
MO6-2
MP6-2

NOTES

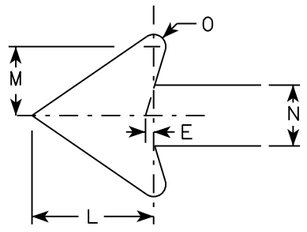
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - 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

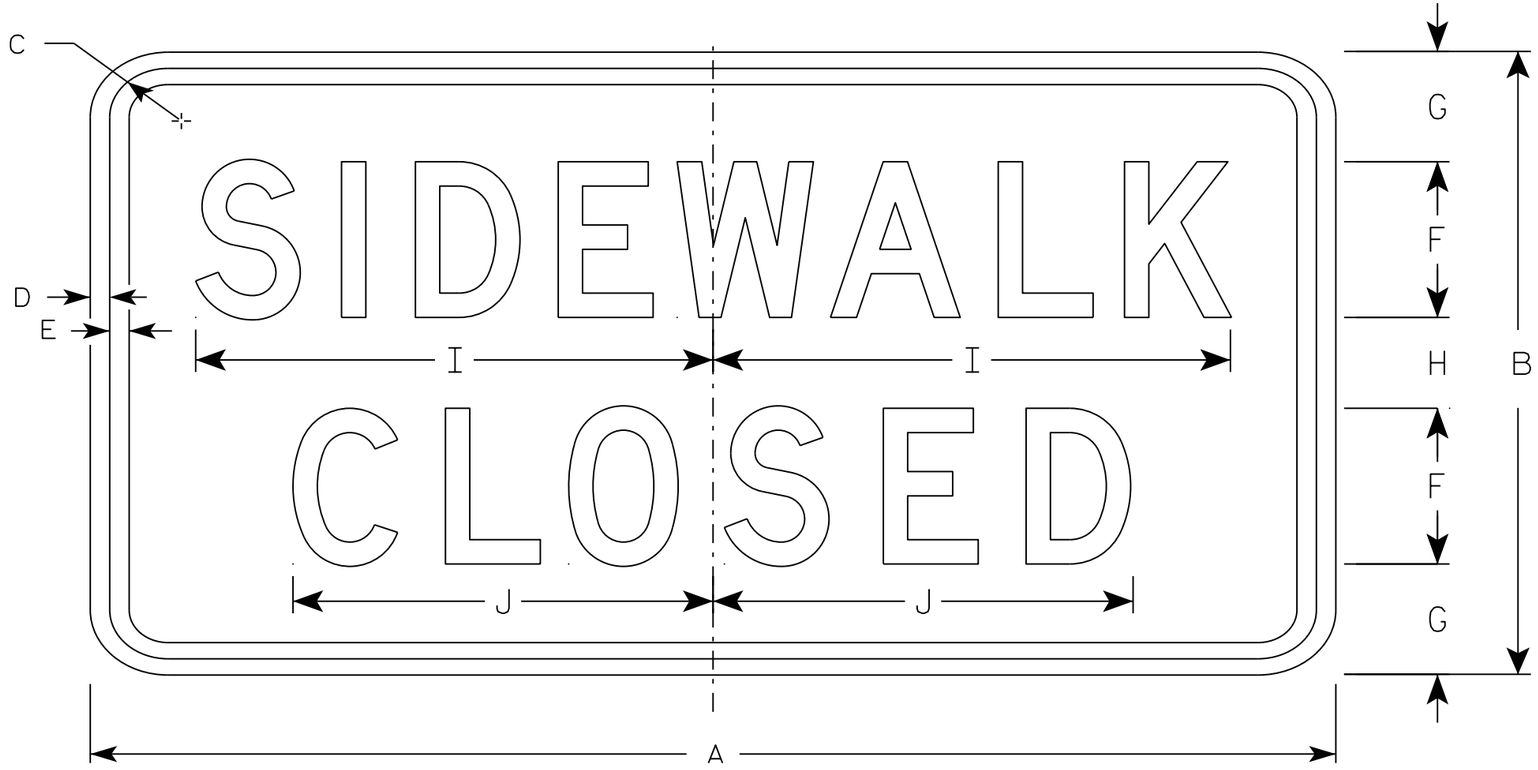
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATI 256 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



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

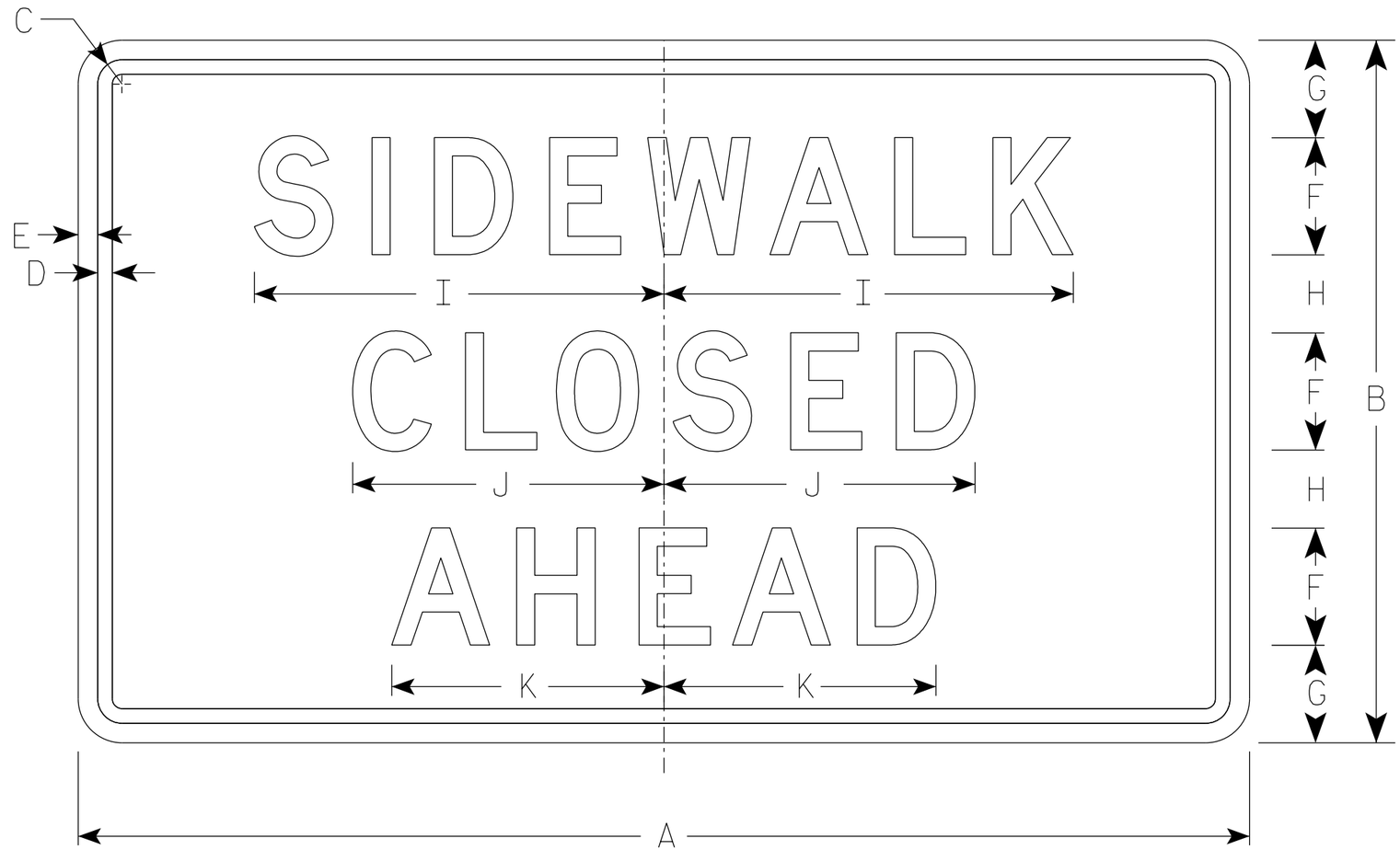
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/11/16 PLATE 257 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



R9-9A

NOTES

1. Sign is Type II - Type H Reflective
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	30	18	1 1/8	3/8	1/2	3	2 1/2	2	10 1/2	8	7																3.75
2M	30	18	1 1/8	3/8	1/2	3	2 1/2	2	10 1/2	8	7																3.75
3																											
4																											
5																											

STANDARD SIGN
R9-9A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/31/2020 PLATE NO. R9-9A.1

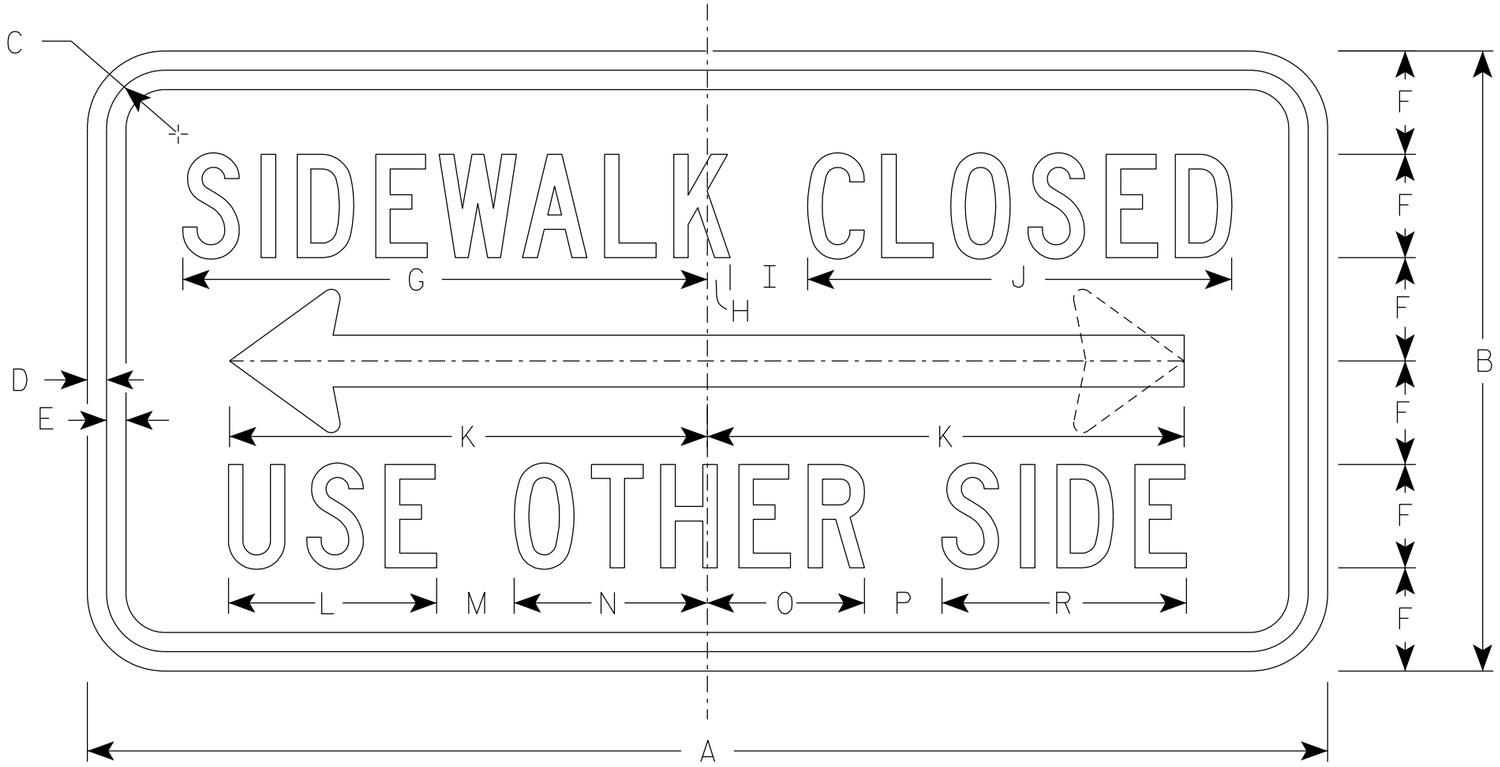
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 258 | E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R99A.DGN PLOT DATE : 31-AUG-2020 3:26 PLOT BY : dotc4c PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

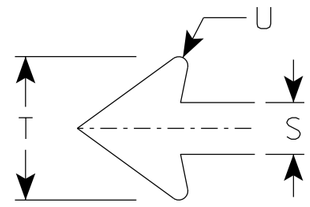
7 7

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. Use Size 2 for sidewalks. Use Size 3 for paths and trails.



R9-10



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	12	1 1/8	3/8	3/8	2	10 1/8	1/2	1 1/2	8 1/4	9 1/4	4	1 1/2	3 3/4	3	1 1/2		4 3/4	1	2 3/4	1/8						2.0
2M	24	12	1 1/8	3/8	3/8	2	10 1/8	1/2	1 1/2	8 1/4	9 1/4	4	1 1/2	3 3/4	3	1 1/2		4 3/4	1	2 3/4	1/8						2.0
3	30	15	1 1/8	3/8	1/2	2 1/2	12 3/4	1/2	2	10 1/4	12 3/8	5	2	4 5/8	3 3/4	2		5 7/8	1 1/4	3 5/8	1/4						3.125
4																											
5																											

STANDARD SIGN
R9-10

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/7/2020 PLATE NO. R9-10.7

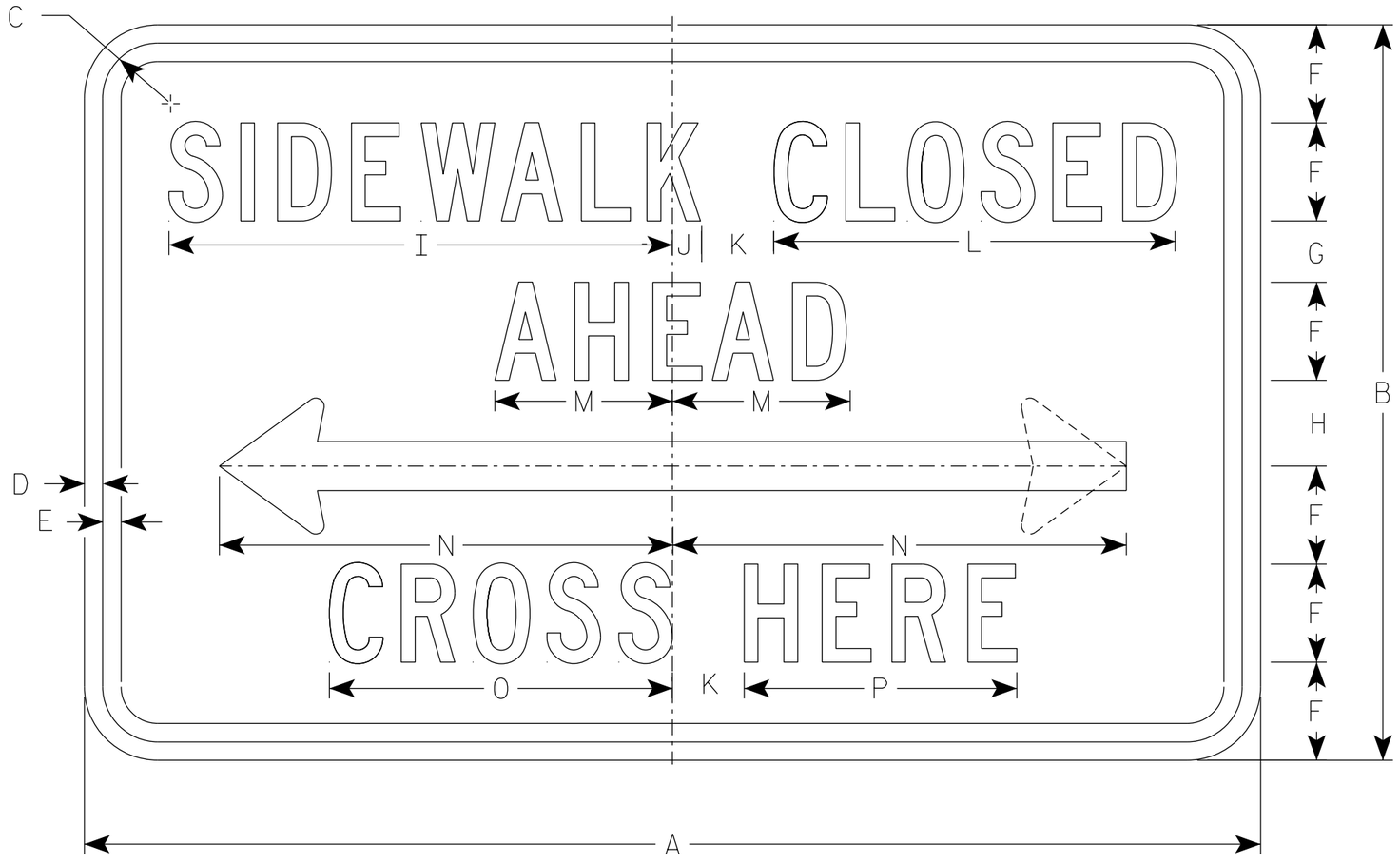
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 259	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R910.dgn PLOT DATE : 07-APRIL-2020 PLOT BY : dotc4c PLOT NAME : PLOT SCALE :

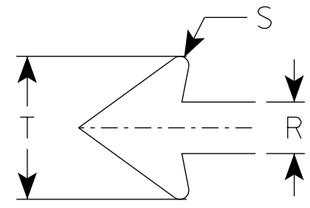
WISDOT/CADDS SHEET 42

7

7



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																											

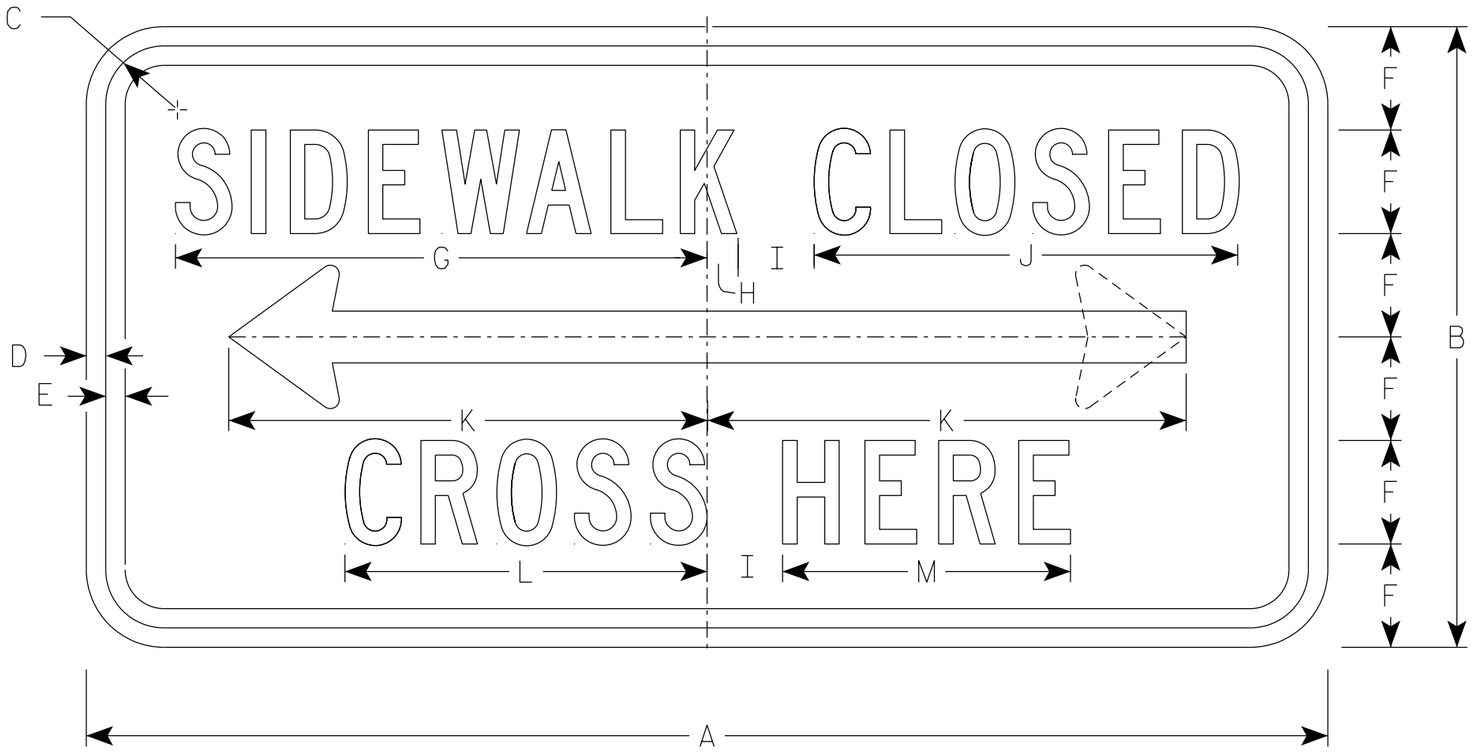
STANDARD SIGN
R9-11

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/30/2021 PLATE NO. R9-11.4

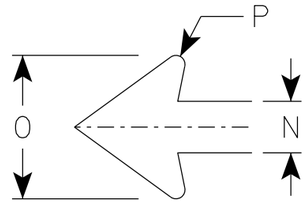
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 260 | E



R9-11A

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. Use Size 2 for Sidewalks. Use Size 3 for paths and Trails.
6. R9-11AD (double arrow)
   R9-11AL (left arrow)
   R9-11AR (right arrow)



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	12	1 1/8	3/8	3/8	2	10 1/4	5/8	1 1/2	8 1/4	9 1/4	7	5 5/8	1	2 3/4	1/8											2.0
2M	24	12	1 1/8	3/8	3/8	2	10 1/4	5/8	1 1/2	8 1/4	9 1/4	7	5 5/8	1	2 3/4	1/8											2.0
3	30	15	1 1/8	3/8	1/2	2 1/2	12 3/4	1/2	2	10 1/4	12 3/8	8 5/8	6 3/4	1 1/4	3 5/8	1/4											3.125
4																											
5																											

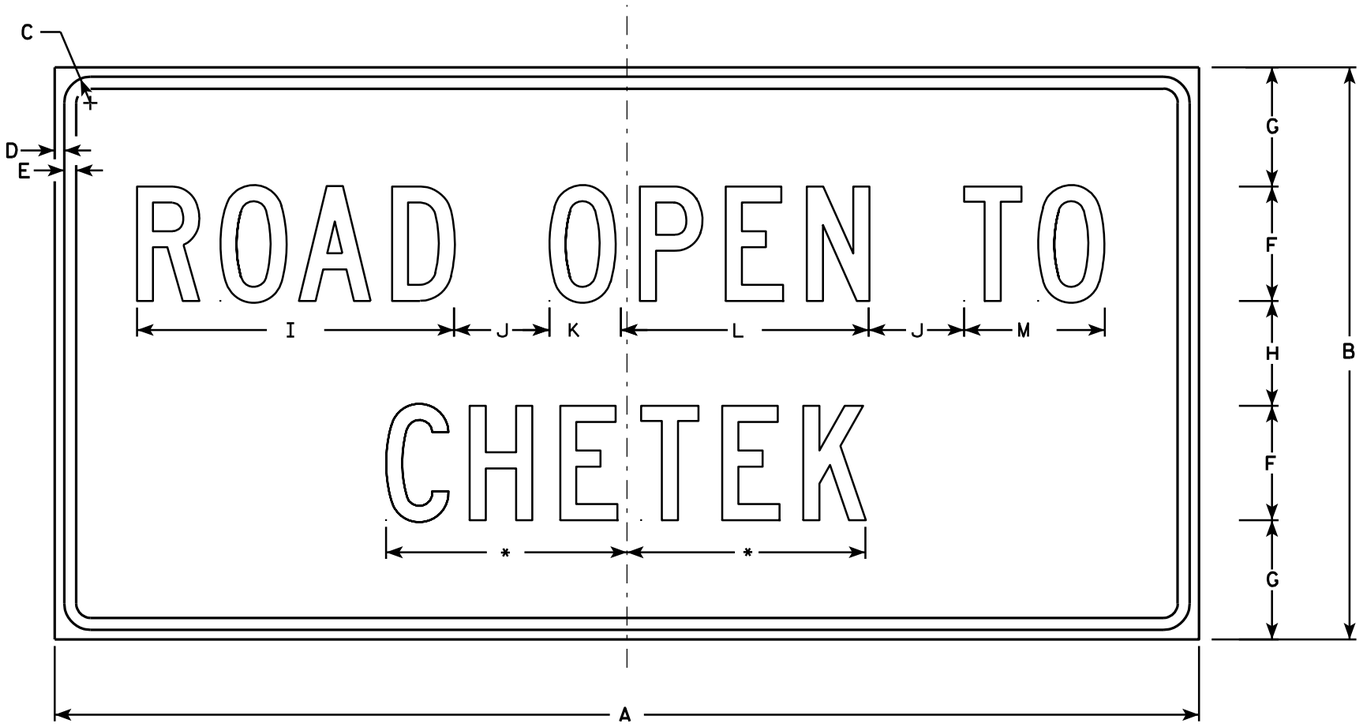
STANDARD SIGN
R9-11A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2021 PLATE NO. R9-11A.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 261 | E



R10-61

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. Substitute appropriate message and optically balance.

*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	24	1 3/8	1/2	5/8	4	5 1/2	5	10 3/4	2	2 1/8	8 3/8	4 5/8														6.0
2S	60	30	1 3/8	1/2	5/8	6	6 1/4	5 1/2	16 5/8	5	3 3/4	13	7 3/8														12.5
2M	60	30	1 3/8	1/2	5/8	6	6 1/4	5 1/2	16 5/8	5	3 3/4	13	7 3/8														12.5
3																											
4																											
5																											

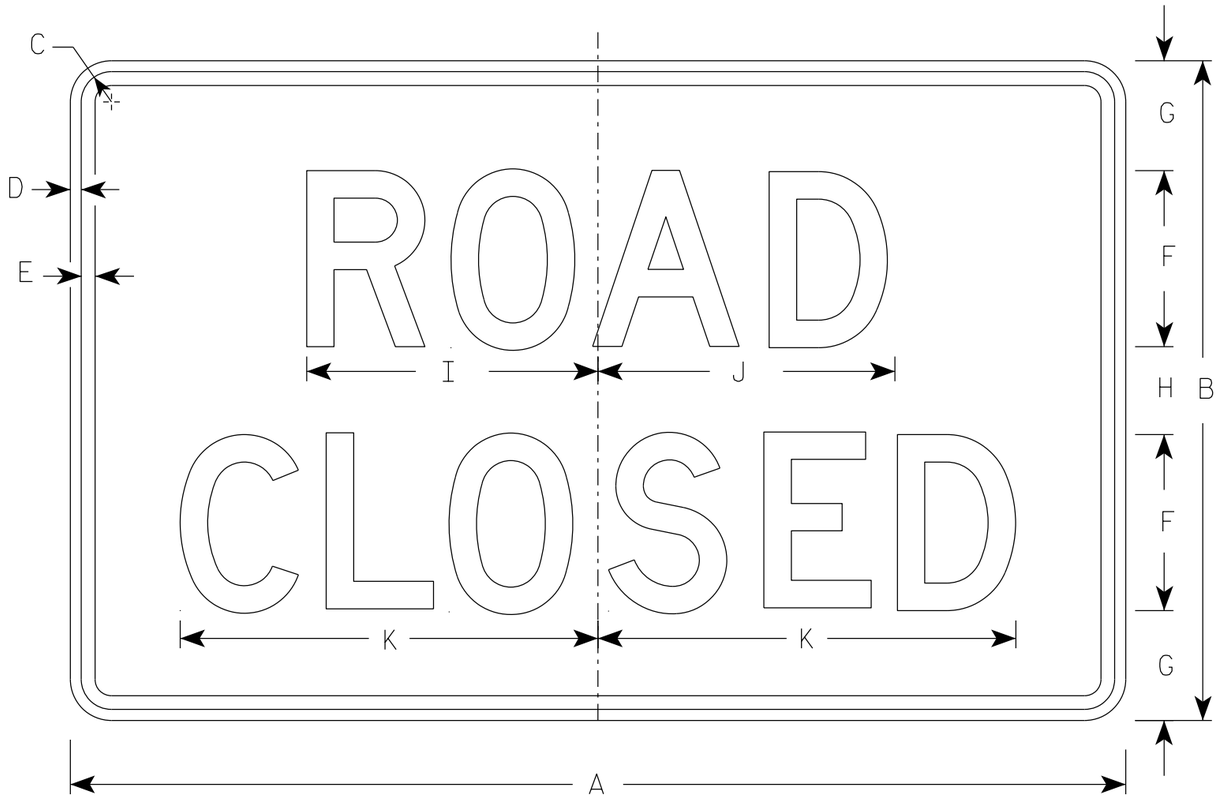
STANDARD SIGN
R10-61

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/4/11 PLATE NO. R10-61.5

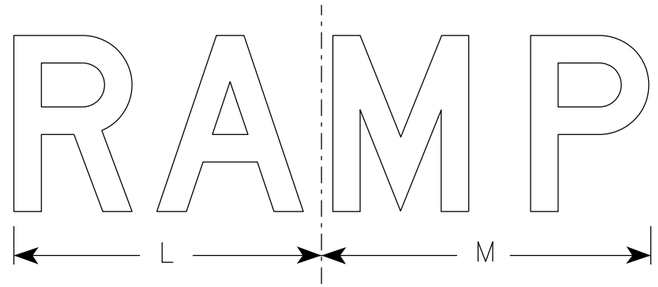
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 262	E



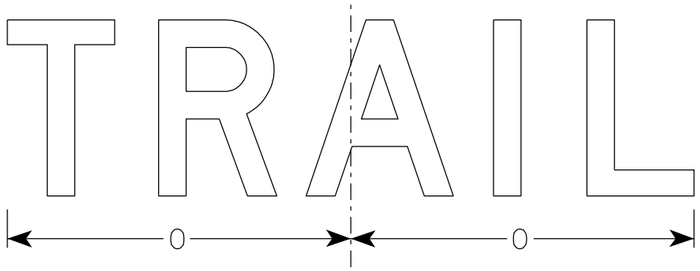
R11-2

NOTES

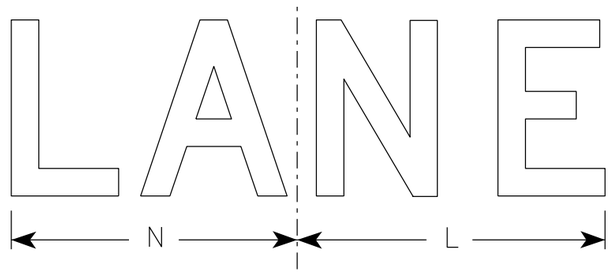
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2T



R11-2L

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	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
2M	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
3	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
4	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
5	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0

STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2021 PLATE NO. R11-2.11

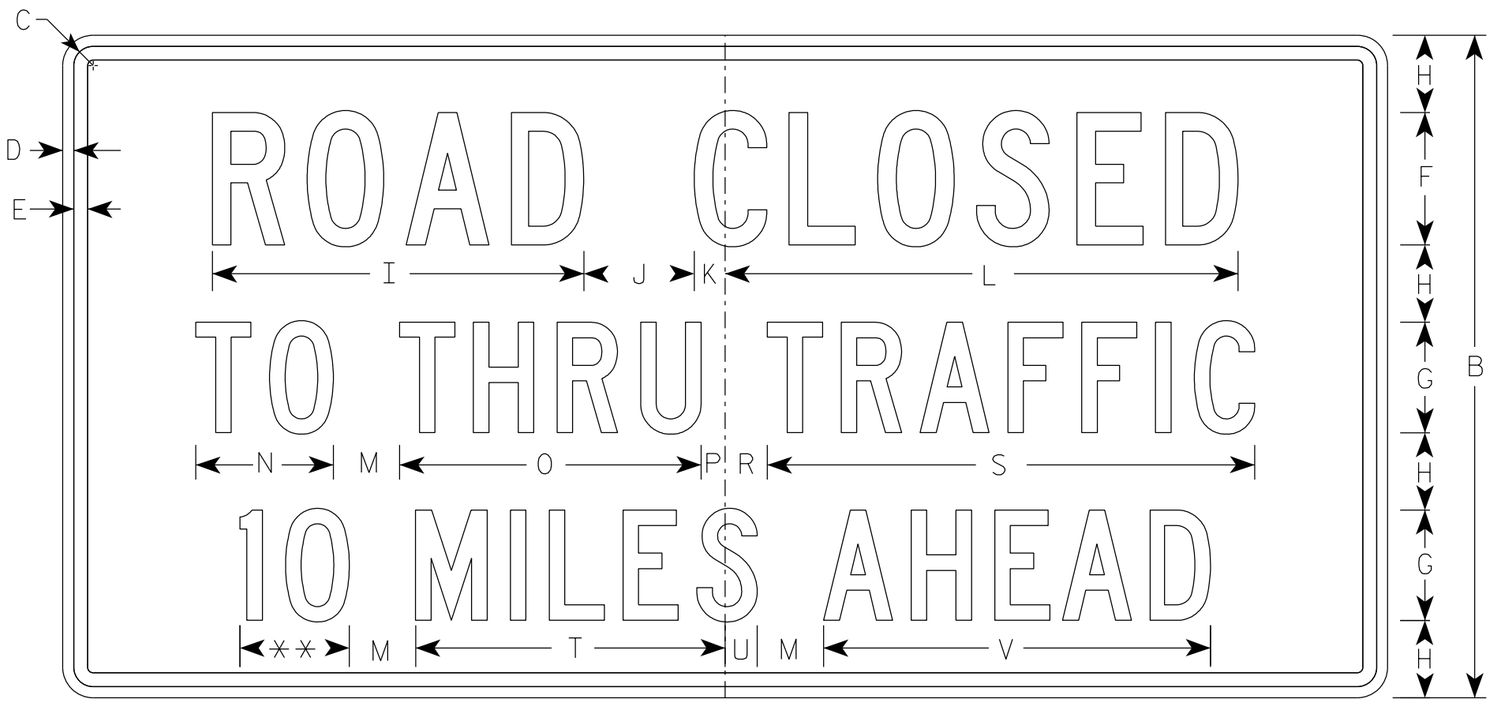
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R112.dgn PLOT DATE : 29-MAR 2021 8:15 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

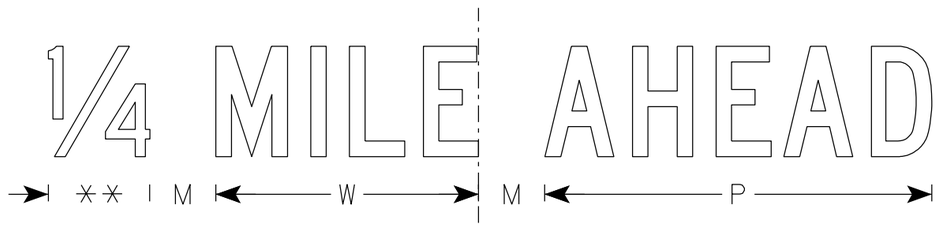
NOTES

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



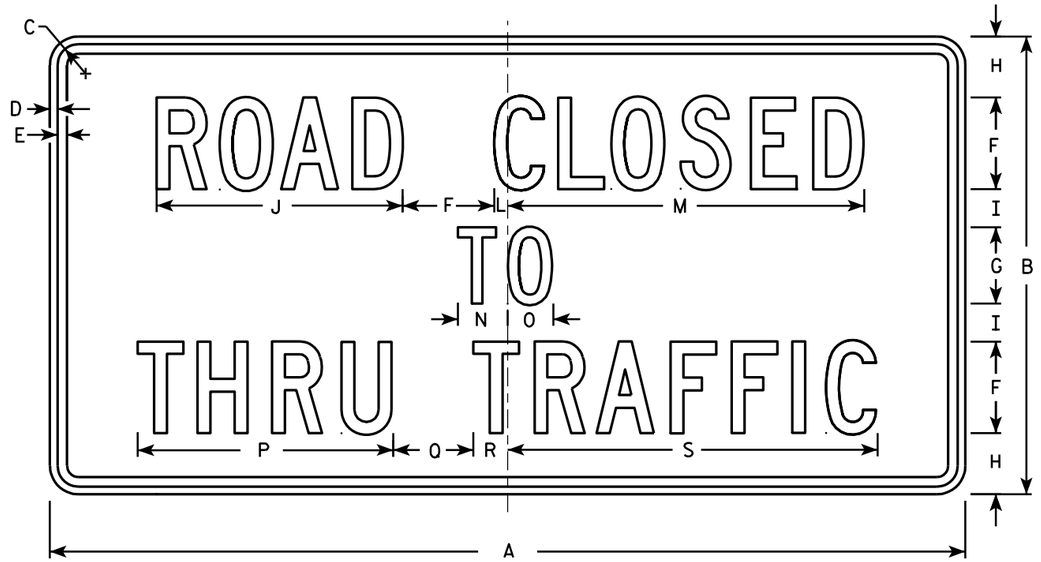
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/4	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 3/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
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: 264	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																											

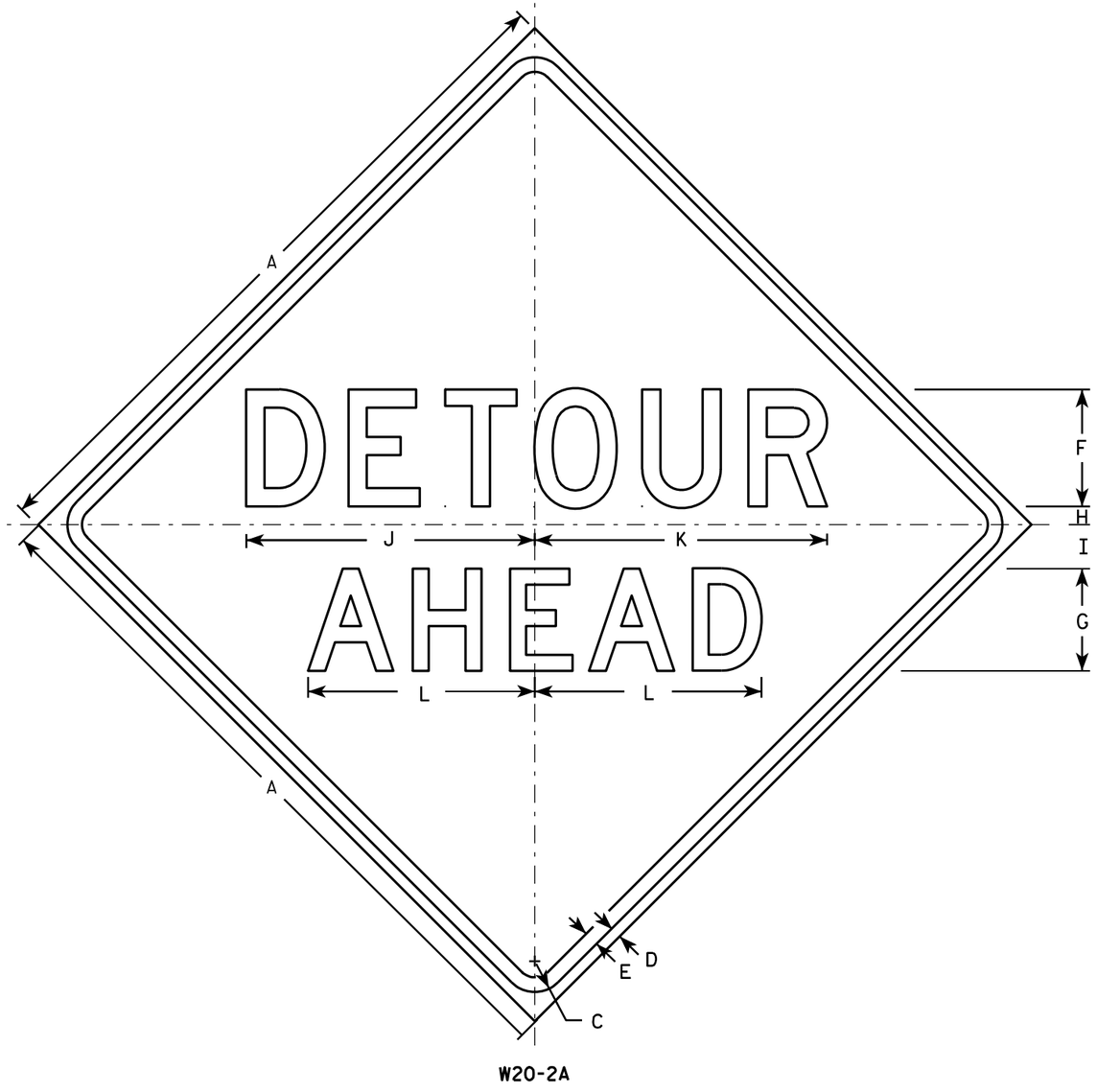
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

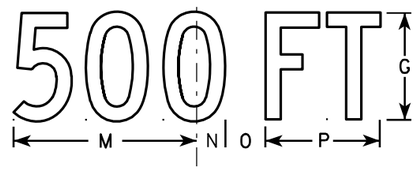
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-4.3

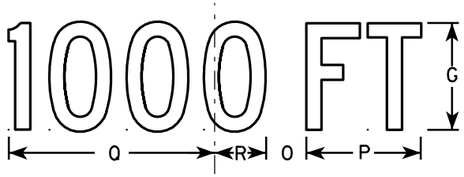
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 265 | E



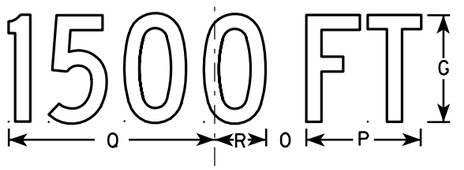
W20-2A



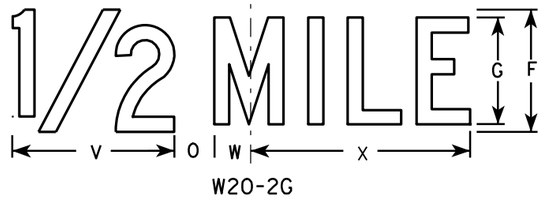
W20-2D



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

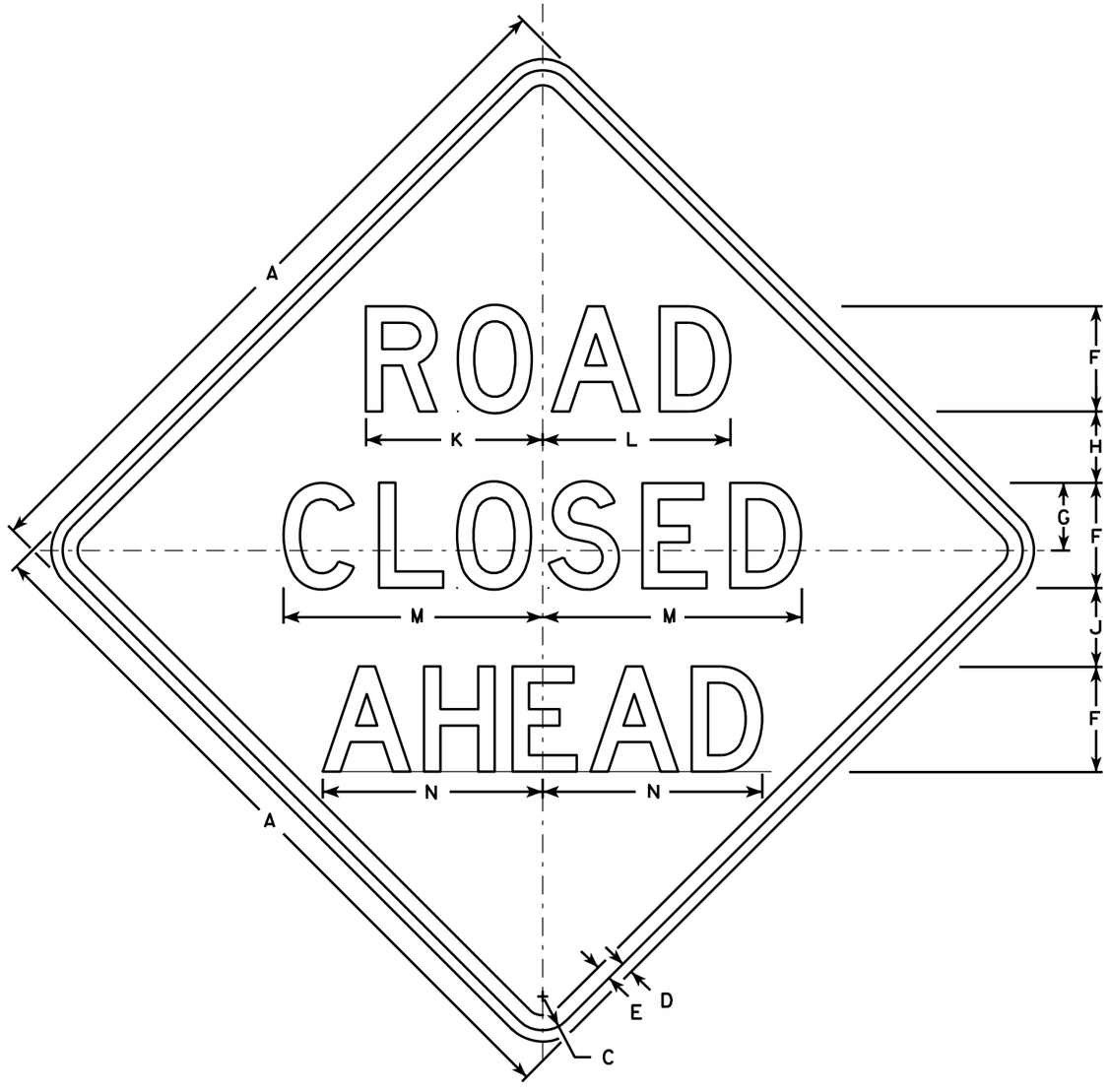
STANDARD SIGN
W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

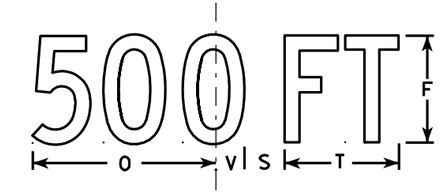
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-2.6

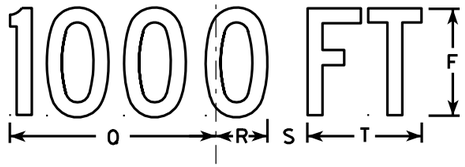
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 266	E



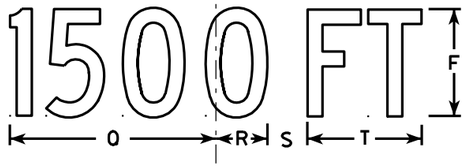
W20-3A



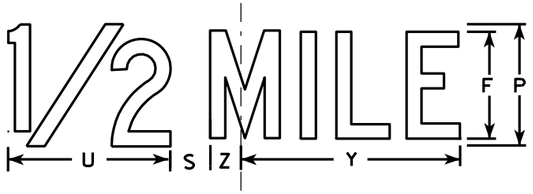
W20-3D



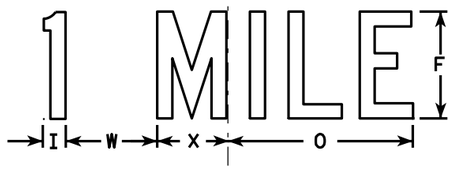
W20-3C



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: 267 | 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

STH 13 *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
329+28	123.6	0.0					
329+50	123.6	0.0	100.7	0.0	101	0	101
330+00	126.1	0.0	231.2	0.0	332	0	332
330+50	128.0	0.0	235.3	0.0	567	0	567
331+00	127.7	0.0	236.8	0.0	804	0	804
331+50	130.1	0.0	238.7	0.0	1043	0	1043
332+00	129.9	0.0	240.7	0.0	1283	0	1283
332+50	126.1	0.0	237.0	0.0	1520	0	1520
333+00	126.3	0.0	233.7	0.0	1754	0	1754
333+50	125.6	0.0	233.2	0.0	1987	0	1987
334+00	126.1	0.0	233.1	0.0	2220	0	2220
334+50	127.2	0.0	234.5	0.0	2455	0	2455
335+00	126.5	0.0	234.9	0.0	2690	0	2690
335+50	128.6	0.0	236.2	0.0	2926	0	2926
336+00	127.4	0.0	237.0	0.0	3163	0	3163
336+50	126.4	0.0	235.0	0.0	3398	0	3398
336+69	125.2	0.0	88.5	0.0	3487	0	3487
337+00	127.9	0.0	145.3	0.0	3632	0	3632
337+50	128.9	0.0	237.8	0.0	3870	0	3870
338+00	130.5	0.0	240.2	0.0	4110	0	4110
338+50	128.5	0.0	239.8	0.0	4350	0	4350
339+00	124.3	0.0	234.1	0.0	4584	0	4584
339+50	138.5	0.0	243.3	0.0	4827	0	4827
340+00	104.7	0.0	225.2	0.0	5052	0	5052
340+50	129.2	0.0	216.6	0.0	5269	0	5269
341+00	134.2	0.0	243.9	0.0	5513	0	5513
341+50	126.8	0.0	241.7	0.0	5754	0	5754
342+00	126.3	0.0	234.4	0.0	5989	0	5989
342+50	124.4	0.0	232.1	0.0	6221	0	6221
342+72	122.6	0.0	102.2	0.0	6323	0	6323
EQUATION							
16+05	122.6	0.0					
16+50	119.2	0.0	202.2	0.0	6525	0	6525
17+00	124.0	0.0	225.2	0.0	6751	0	6751
17+50	126.0	0.0	231.5	0.0	6982	0	6982
18+00	125.7	0.0	233.1	0.0	7215	0	7215
18+50	123.3	0.0	230.6	0.0	7446	0	7446
18+59	124.1	0.0	40.4	0.0	7486	0	7486
18+75	121.5	0.0	72.3	0.0	7558	0	7558
19+00	135.4	0.0	120.4	0.0	7679	0	7679
19+50	169.9	0.0	282.7	0.0	7962	0	7962
19+61	156.4	8.9	66.5	1.8	8028	2	8026
20+00	143.1	0.0	216.3	6.4	8244	11	8234
20+42	173.1	4.3	245.9	3.3	8490	15	8475
20+50	171.8	4.9	51.1	1.4	8541	17	8525
21+00	174.5	4.2	320.6	8.4	8862	28	8834
21+50	175.0	4.2	323.6	7.8	9186	38	9148
21+75	191.2	0.0	169.5	1.9	9355	40	9315
22+00	179.3	5.4	171.5	2.5	9527	44	9483
22+50	176.2	3.5	329.2	8.2	9856	54	9801
23+00	177.5	3.8	327.5	6.8	10183	63	10120
23+50	175.4	7.9	326.8	10.8	10510	77	10433
24+00	188.4	5.1	336.9	12.0	10847	93	10754
24+07	188.3	5.7	48.8	1.4	10896	95	10801

STH 13 (CONT'D) *Expanded = 1

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
24+50	176.9	4.4	290.8	8.0	11187	105	11082
25+00	175.4	3.8	326.2	7.6	11513	115	11398
25+18	186.5	1.5	120.6	1.8	11633	117	11516
25+35	186.4	3.1	117.4	1.4	11751	119	11632
25+50	187.4	2.9	103.8	1.7	11855	121	11733
26+00	178.6	3.3	338.9	5.7	12193	129	12065
26+18	181.4	4.4	120.0	2.6	12313	132	12181
26+50	145.2	0.0	193.5	2.6	12507	135	12372
27+00	149.4	0.0	272.8	0.0	12780	135	12644
27+07	190.0	1.6	44.0	0.2	12824	136	12688
27+50	190.1	1.0	302.7	2.1	13126	138	12988
28+00	187.9	1.6	350.0	2.4	13476	141	13335
28+50	186.7	2.0	346.9	3.3	13823	146	13678
29+00	193.7	0.8	352.2	2.6	14176	149	14026
29+50	195.3	0.1	360.2	0.8	14536	150	14386
30+00	192.9	0.7	359.4	0.7	14895	151	14744
30+34	197.9	0.0	246.1	0.4	15141	152	14990
30+50	192.2	1.3	115.6	0.4	15257	152	15105
31+00	193.7	2.0	357.3	3.1	15614	156	15458
31+50	202.0	0.0	366.4	1.9	15981	159	15822
31+67	200.8	2.5	126.8	0.8	16107	160	15948
32+00	191.4	2.4	239.7	3.0	16347	164	16183
32+50	190.8	2.5	353.9	4.5	16701	169	16532
32+80	193.7	3.8	213.6	3.5	16915	174	16741
33+00	155.5	0.0	129.3	1.4	17044	176	16868
33+50	160.6	0.0	292.7	0.0	17337	176	17161
33+70	210.4	0.5	137.4	0.2	17474	176	17298
34+00	199.6	1.8	227.8	1.3	17702	178	17524
34+50	190.6	1.3	361.3	2.9	18063	181	17882
35+00	190.1	0.6	352.5	1.8	18416	184	18232
35+50	194.7	1.6	356.3	2.0	18772	186	18585
35+72	191.2	2.5	157.2	1.7	18929	189	18740
36+00	155.1	0.0	179.6	1.3	19109	190	18918
36+50	151.8	0.0	284.2	0.0	19393	190	19202
36+62	190.6	2.7	76.1	0.6	19469	191	19278
37+00	207.0	0.0	279.8	1.9	19749	194	19555
37+50	188.8	1.2	366.5	1.1	20115	195	19920
38+00	195.0	0.7	355.4	1.8	20471	197	20273
38+50	200.9	0.0	366.6	0.6	20837	198	20639
38+83	216.1	0.0	254.8	0.0	21092	198	20894
39+00	203.1	0.5	132.0	0.2	21224	198	21026
39+50	195.7	0.5	369.3	0.9	21593	200	21394
39+96	199.1	0.2	336.3	0.6	21930	200	21729
40+38	196.4	0.0	307.6	0.2	22237	201	22037
40+50	153.2	0.0	77.7	0.0	22315	201	22114
41+00	155.8	0.0	286.1	0.0	22601	201	22400
41+27	191.3	2.8	173.6	1.4	22775	202	22572
41+50	188.8	1.3	161.9	1.7	22937	205	22732
41+97	194.3	0.0	333.4	1.1	23270	206	23064
42+50	176.4	2.6	363.8	2.6	23634	209	23424

9

9

PROJECT NO: 8160-00-75 | HWY: STH 13 | COUNTY: BAYFIELD | EARTHWORK DATA | SHEET 268 | E

STH 13 (CONT'D) *Expanded = 1

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
42+74	150.0	1.3	145.1	1.7	23779	212	23567
43+00	184.6	1.4	161.1	1.3	23940	213	23727
43+50	192.3	0.4	349.0	1.7	24289	216	24073
44+00	196.9	0.0	360.4	0.4	24649	216	24433
44+30	213.7	0.0	228.1	0.0	24877	216	24661
44+50	202.4	1.0	154.1	0.4	25032	217	24815
45+00	201.0	0.0	373.5	0.9	25405	218	25187
45+50	156.6	0.0	331.1	0.0	25736	218	25518
45+93	210.7	1.1	292.5	0.9	26029	219	25810
46+42	213.7	0.0	385.1	1.0	26414	220	26193
47+00	188.6	0.5	432.1	0.5	26846	221	26625
47+50	181.5	1.7	342.7	2.0	27189	223	26965
48+00	183.6	2.4	338.1	3.8	27527	228	27298
48+50	184.1	1.5	340.5	3.6	27867	233	27634
49+06	195.7	0.0	393.9	1.6	28261	235	28026
49+35	205.9	1.1	215.7	0.6	28477	236	28241
49+69	188.1	5.1	248.1	3.9	28725	241	28484
50+00	147.9	0.0	192.9	2.9	28918	245	28673
50+50	147.5	0.0	273.5	0.0	29191	245	28946
50+60	185.4	0.4	61.6	0.1	29253	245	29008
51+00	195.7	0.9	282.3	1.0	29535	246	29289
51+50	193.5	0.7	360.4	1.5	29896	248	29647
52+00	189.9	1.2	355.0	1.8	30251	251	30000
52+50	188.0	1.3	349.9	2.3	30600	254	30347
53+00	188.8	1.8	348.9	2.9	30949	257	30692
53+50	190.9	1.2	351.6	2.8	31301	261	31040
54+00	191.2	1.2	353.8	2.2	31655	264	31391
54+36	141.0	15.7	221.5	11.3	31876	278	31598
54+50	112.2	0.0	65.6	4.1	31942	284	31658
55+00	105.8	0.0	201.9	0.0	32144	284	31860
55+25	136.6	18.1	112.2	8.4	32256	295	31961
55+50	172.4	1.8	143.1	9.2	32399	307	32092
55+82	175.3	1.0	206.0	1.7	32605	309	32296
56+00	182.2	0.7	119.2	0.6	32724	310	32415

STH 13 (CONT'D) *Expanded = 1

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
56+16	190.2	1.5	110.3	0.7	32835	311	32524
56+50	212.7	0.0	253.7	0.9	33088	312	32776
56+76	176.2	2.1	187.2	1.0	33275	313	32962
57+00	160.9	0.6	149.8	1.2	33425	315	33111
57+28	207.3	0.0	190.9	0.3	33616	315	33301
57+59	199.7	1.0	233.6	0.6	33850	316	33534
57+77	210.9	1.1	139.9	0.7	33990	317	33673
58+00	204.6	0.0	173.9	0.5	34164	317	33846
58+16	208.0	0.0	122.3	0.0	34286	317	33968
58+50	203.7	0.0	259.2	0.0	34545	317	34228
59+00	197.9	0.0	371.9	0.0	34917	317	34600
59+50	173.5	0.0	343.9	0.0	35261	317	34943
59+75	169.1	0.0	158.6	0.0	35419	317	35102
60+00	147.8	0.0	146.7	0.0	35566	317	35249
60+20	162.6	11.2	115.0	4.1	35681	323	35358
60+50	163.8	4.4	181.3	8.7	35862	334	35528
61+00	181.8	0.0	320.0	4.1	36182	339	35843
61+25	199.8	2.8	176.7	1.3	36359	341	36018
61+51	273.4	0.0	227.8	1.3	36587	343	36244
61+69	233.9	0.0	169.1	0.0	36756	343	36413
62+00	215.0	0.0	257.7	0.0	37014	343	36671
62+25	182.6	2.0	184.1	0.9	37198	344	36854
62+51	182.5	3.5	175.8	2.6	37374	347	37026
62+54	182.0	0.0	23.4	0.2	37397	347	37050

11TH AVENUE S *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
99+37	108.8	0.0					
99+50	153.1	0.0	63.1	0.0	63	0	63
99+82	304.0	0.0	270.9	0.0	334	0	334

11TH AVENUE N *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
100+18	309.0	0.0					
100+50	110.3	3.4	248.5	2.0	249	3	246
100+72	104.6	0.0	89.4	1.4	338	4	333

10TH AVENUE S — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
109+00	24.7	0.0					
109+25	6.1	0.4	14.3	0.2	14	0	14
109+50	3.0	5.4	4.2	2.7	19	4	15
109+78	199.8	0.0	105.2	2.8	124	7	116

10TH AVENUE N — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
110+22	293.7	0.0					
110+50	49.3	0.0	177.9	0.0	178	0	178
110+75	29.5	0.0	36.5	0.0	214	0	214

9TH AVENUE S — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
119+00	41.3	0.0					
119+25	27.2	2.0	31.7	0.9	32	1	31
119+50	25.0	3.9	24.2	2.7	56	5	51
119+78	267.0	0.0	151.4	2.0	207	7	200

9TH AVENUE N — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
120+22	275.9	0.0					
120+50	63.4	0.0	175.9	0.0	176	0	176
120+75	60.9	0.0	57.5	0.0	233	0	233
121+00	44.0	0.0	48.5	0.0	282	0	282

8TH AVENUE S — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
129+25	44.0	0.0					
129+50	51.2	0.3	44.1	0.1	44	0	44
129+78	293.7	0.0	178.8	0.2	223	0	223

8TH AVENUE N — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
130+22	302.6	0.0					
130+50	96.4	0.0	206.9	0.0	207	0	207
130+75	75.9	0.0	79.8	0.0	287	0	287
131+00	52.5	0.0	59.4	0.0	346	0	346

7TH AVENUE S — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
139+00	44.1	0.1					
139+25	33.5	0.7	35.9	0.4	36	1	35
139+50	25.9	5.1	27.5	2.7	63	4	59
139+78	282.2	0.0	159.8	2.6	223	7	216

7TH AVENUE N — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
140+22	260.7	0.0					
140+50	73.1	0.0	173.1	0.0	173	0	173
140+75	48.3	0.0	56.2	0.0	229	0	229
141+00	34.2	0.0	38.2	0.0	268	0	268

6TH AVENUE S — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
149+38	35.9	0.0					
149+50	44.5	0.0	18.5	0.0	19	0	19
149+78	287.0	0.0	171.9	0.0	190	0	190

6TH AVENUE N — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
150+22	279.5	0.0					
150+50	46.0	0.0	168.8	0.0	169	0	169
150+62	42.0	0.0	19.9	0.0	189	0	189

5TH AVENUE S — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
159+30	44.5	0.0					
159+50	48.0	0.7	34.3	0.3	34	0	34
159+78	309.7	0.0	185.5	0.4	220	1	219

5TH AVENUE N — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
160+22	288.4	0.0					
160+50	106.0	0.0	204.5	0.0	205	0	205
160+75	69.0	0.0	81.0	0.0	286	0	286
161+00	47.8	0.0	54.1	0.0	340	0	340

4TH AVENUE S — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
169+10	31.8	0.0					
169+50	27.9	0.0	44.2	0.0	44	0	44
169+78	284.8	0.0	162.1	0.0	206	0	206

4TH AVENUE N — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
170+22	275.9	0.0					
170+55	57.6	0.0	203.8	0.0	204	0	204
170+75	45.9	0.0	38.3	0.0	242	0	242
171+00	42.5	0.0	40.9	0.0	283	0	283

3RD AVENUE S — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
179+00	39.7	0.1					
179+25	24.5	4.9	29.7	2.3	30	3	27
179+50	12.6	11.6	17.2	7.6	47	13	34
179+84	284.8	0.0	187.3	7.3	234	22	212

3RD AVENUE N — *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
180+16	268.8	0.0					
180+50	50.7	0.0	201.2	0.0	201	0	201
180+70	45.1	0.8	35.5	0.3	237	0	236

WASHINGTON AVENUE S *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
188+80	85.6	0.4					
188+88	81.4	1.2	26.2	0.2	26	0	26
189+09	66.1	9.2	55.7	3.9	82	5	77
189+33	274.4	1.2	154.8	4.7	237	11	225
189+54	157.6	8.9	163.1	3.8	400	16	383
189+75	216.6	0.0	144.4	3.4	544	21	523

WASHINGTON AVENUE N *Expanded = 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME *FILL (C.Y.)	MASS HAUL (C.Y.)
190+25	206.5	0.0					
190+44	192.3	0.0	137.7	0.0	138	0	138
190+62	295.8	0.0	161.8	0.0	300	0	300
190+94	201.6	4.0	294.8	2.4	594	3	591
191+12	246.5	0.2	149.4	1.4	744	5	739
191+20	100.7	2.2	51.4	0.3	795	5	790
191+30	39.0	0.0	25.9	0.4	821	6	815

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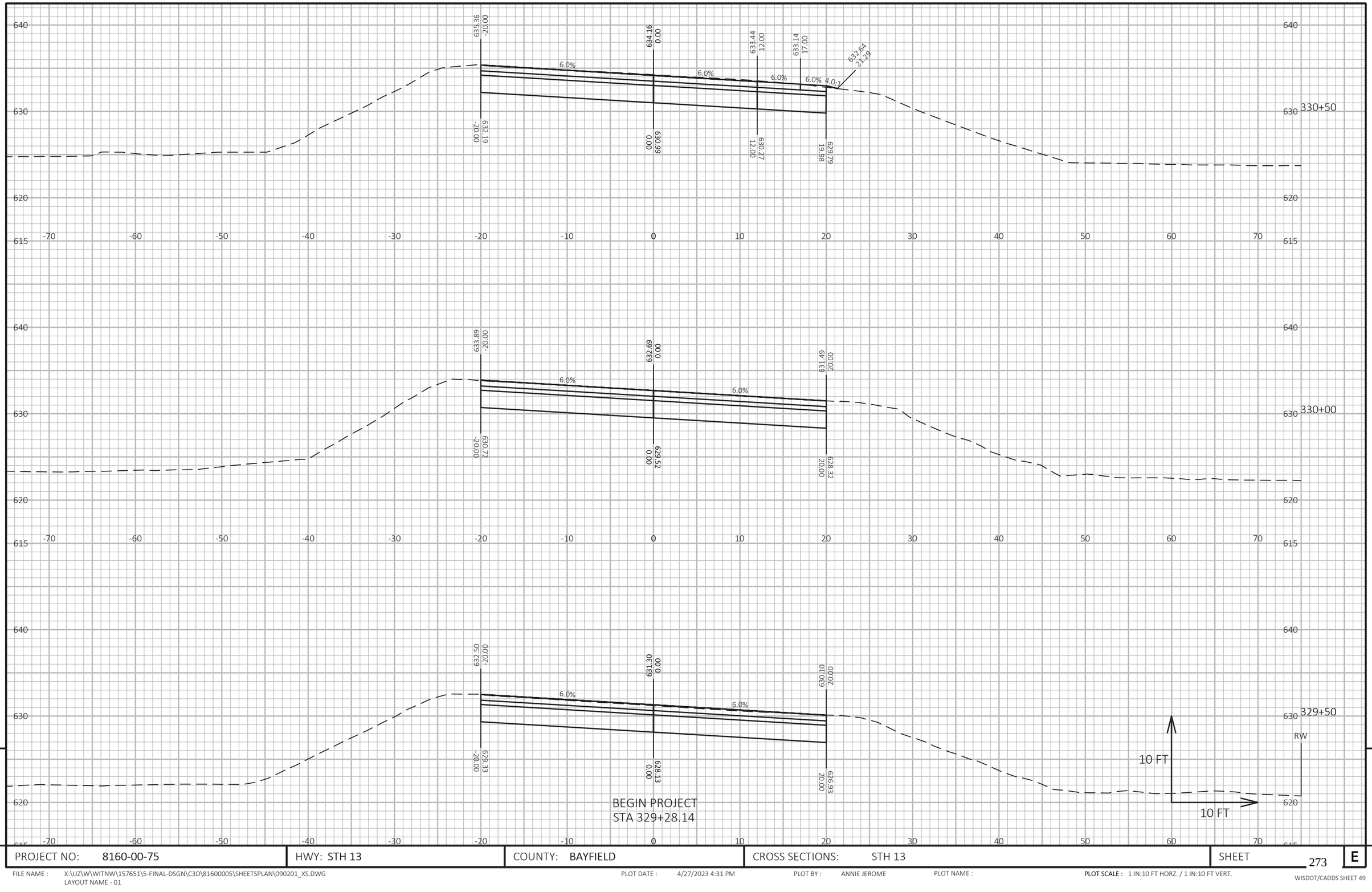
PROJECT NO: 8160-00-75 | HWY: STH 13 | COUNTY: BAYFIELD | EARTHWORK DATA | SHEET 272 | E



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 273	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 01

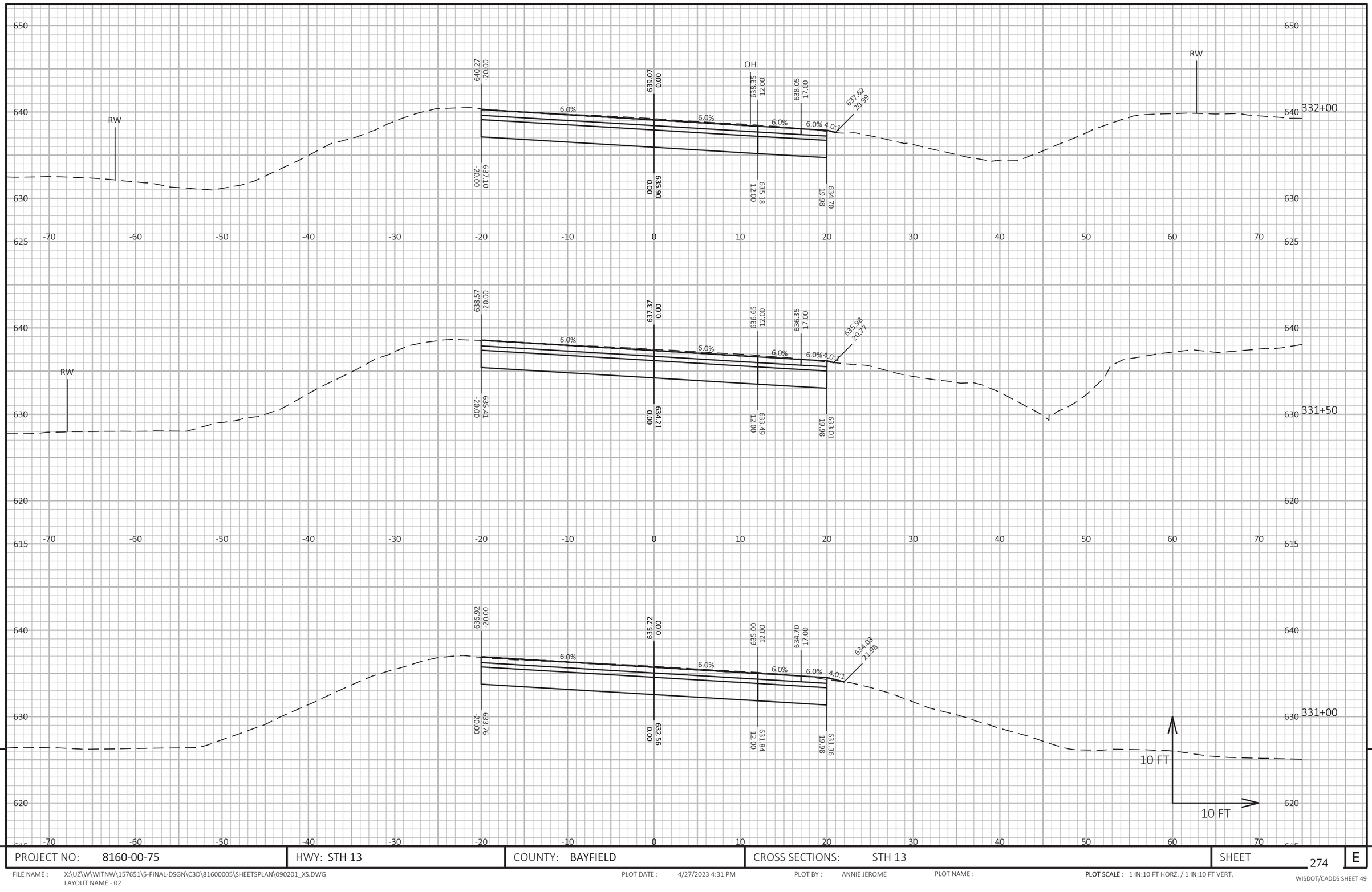
PLOT DATE : 4/27/2023 4:31 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

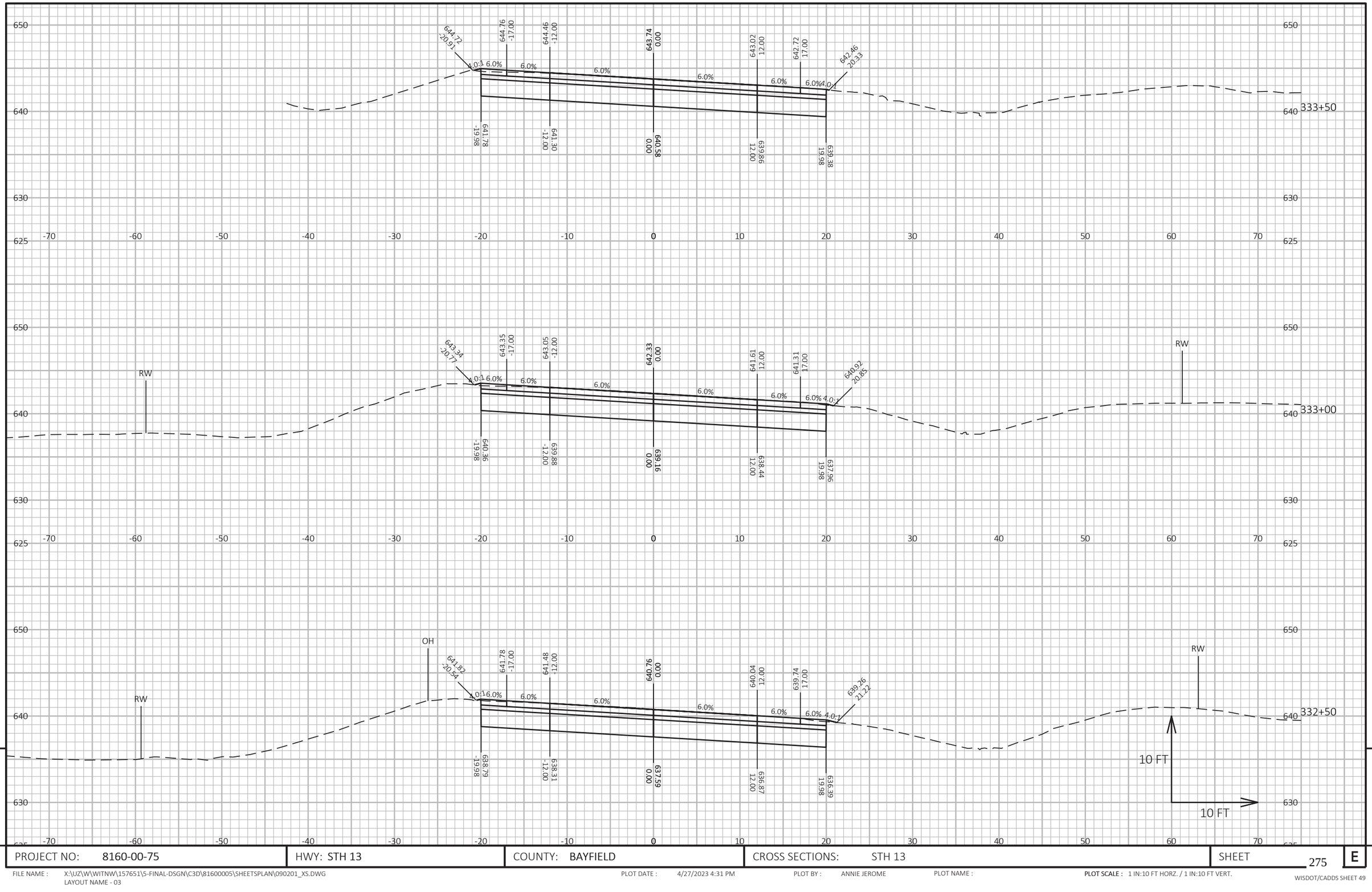


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 274	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 02

PLOT DATE : 4/27/2023 4:31 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

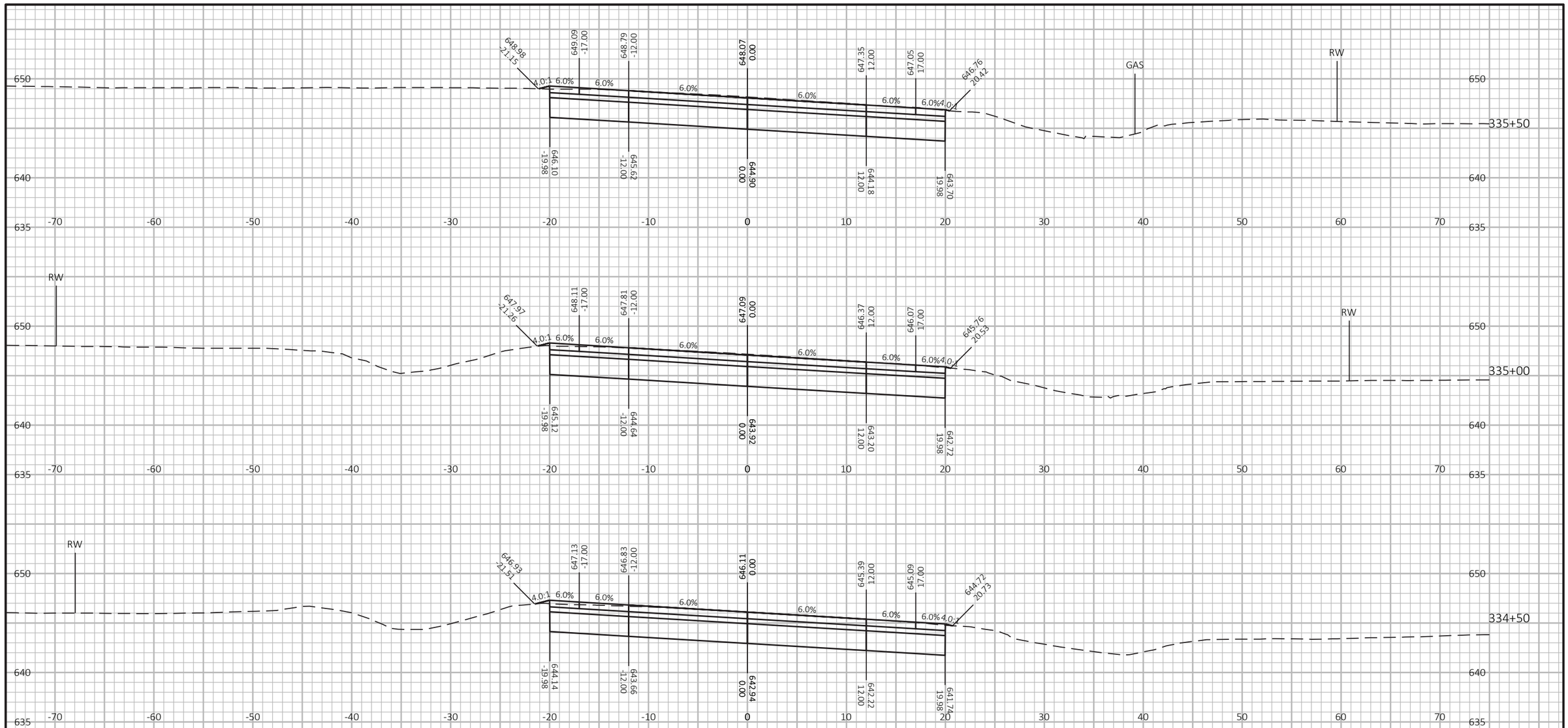


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 275 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 03

PLOT DATE : 4/27/2023 4:31 PM PLOT BY : ANNIE JEROME PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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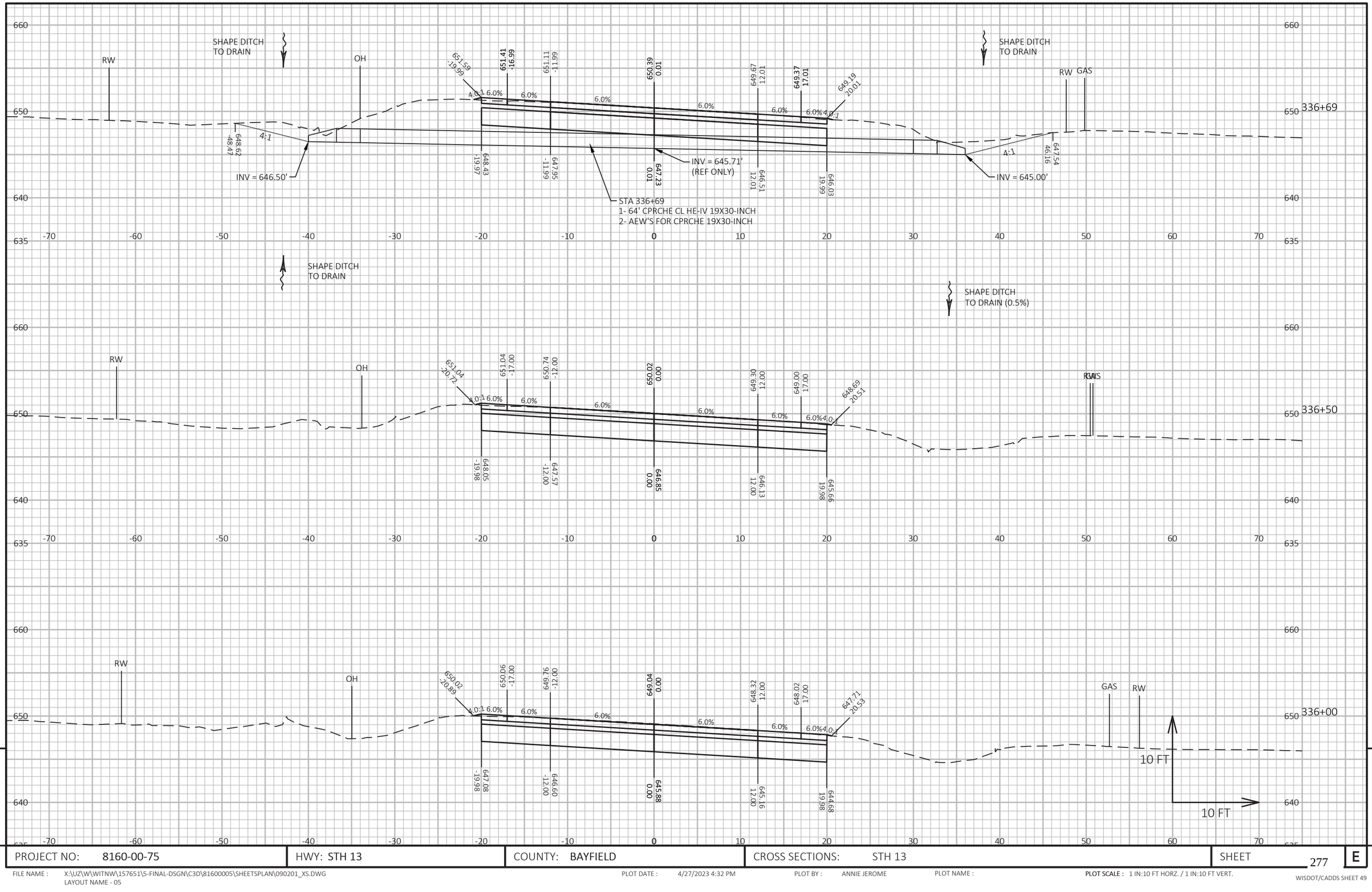
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 276	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 04

PLOT DATE : 4/27/2023 4:31 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

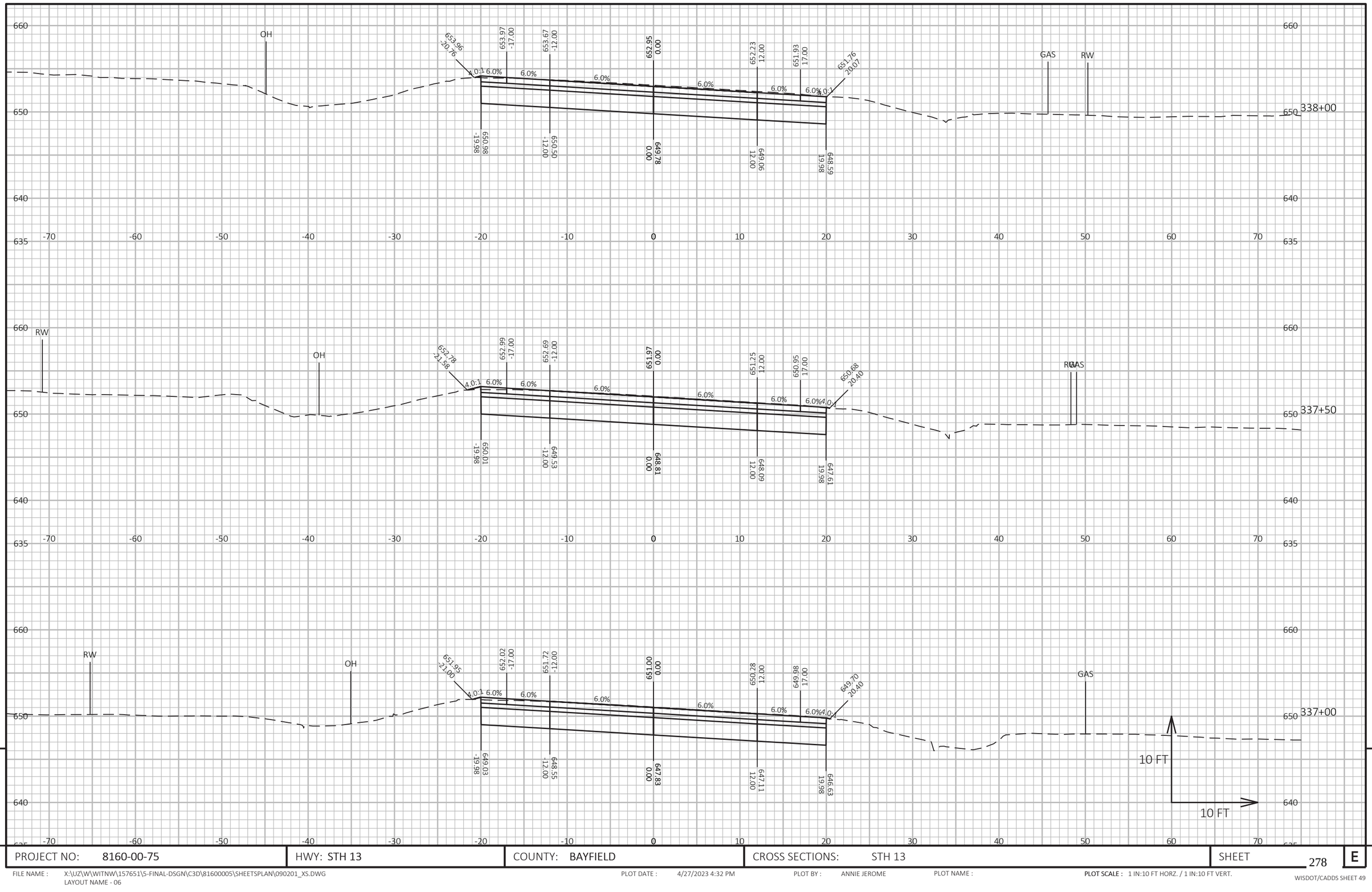


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 277 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 05

PLOT DATE : 4/27/2023 4:32 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

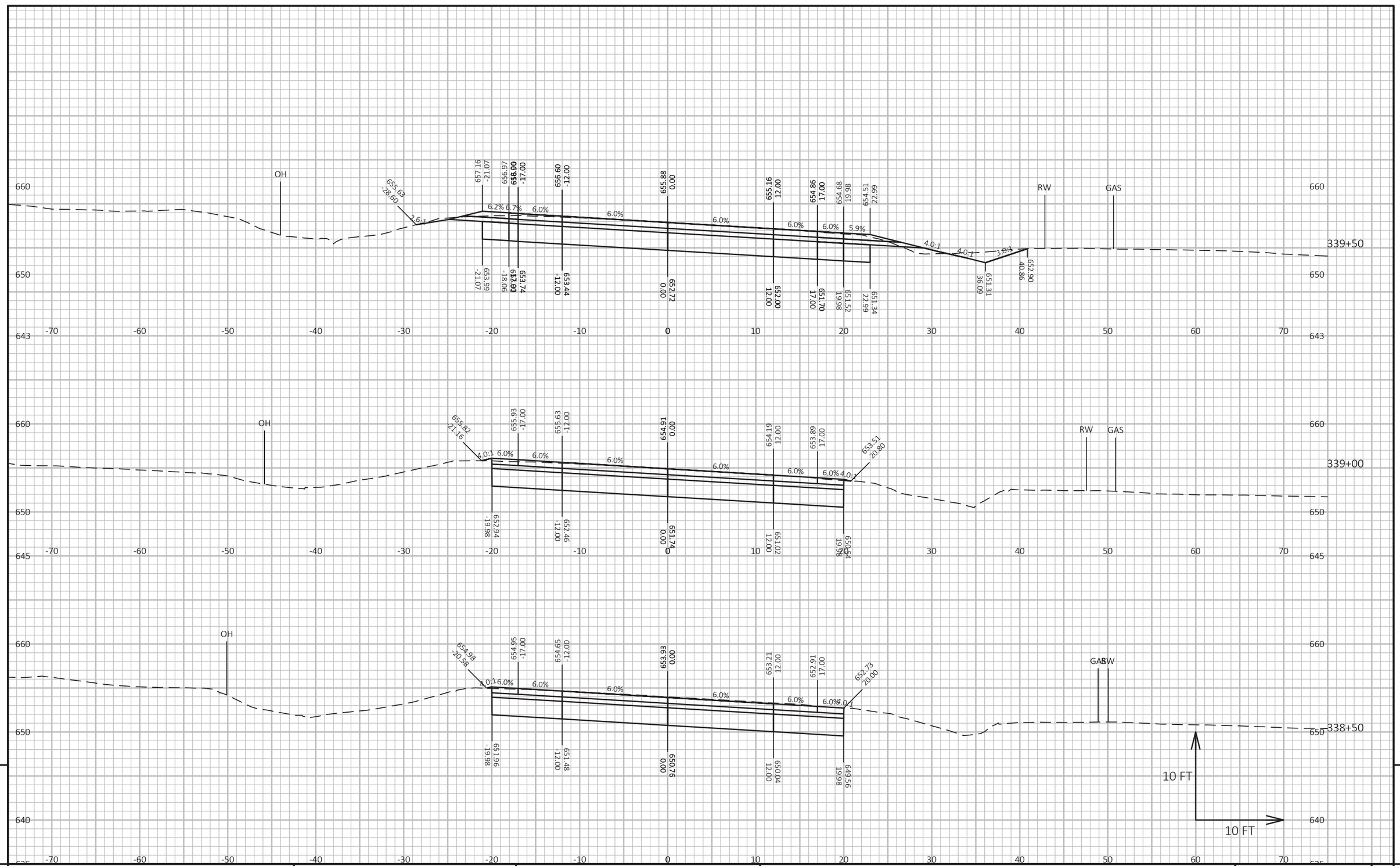


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 278	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 06

PLOT DATE : 4/27/2023 4:32 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

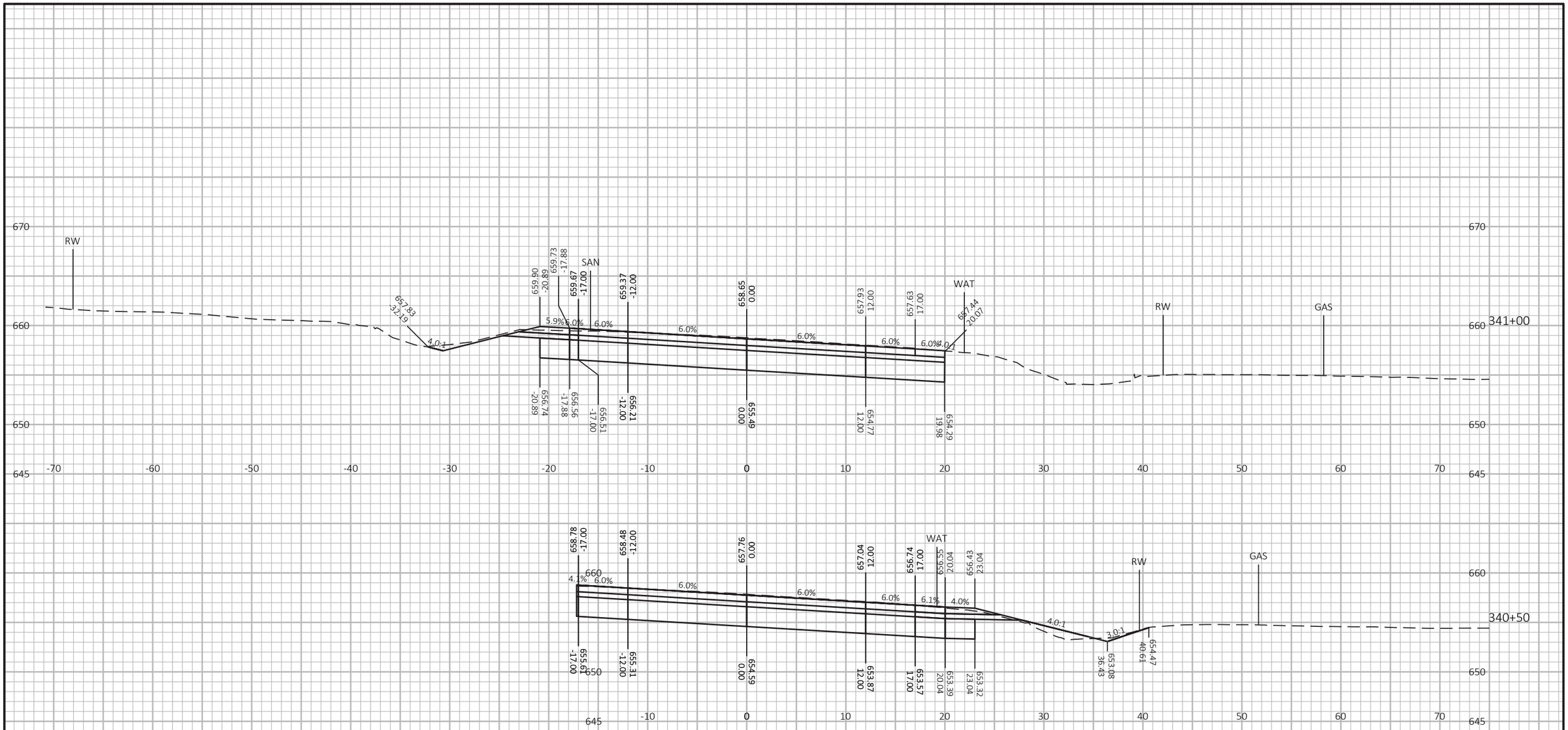


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 279	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 07

PLOT DATE : 4/27/2023 4:32 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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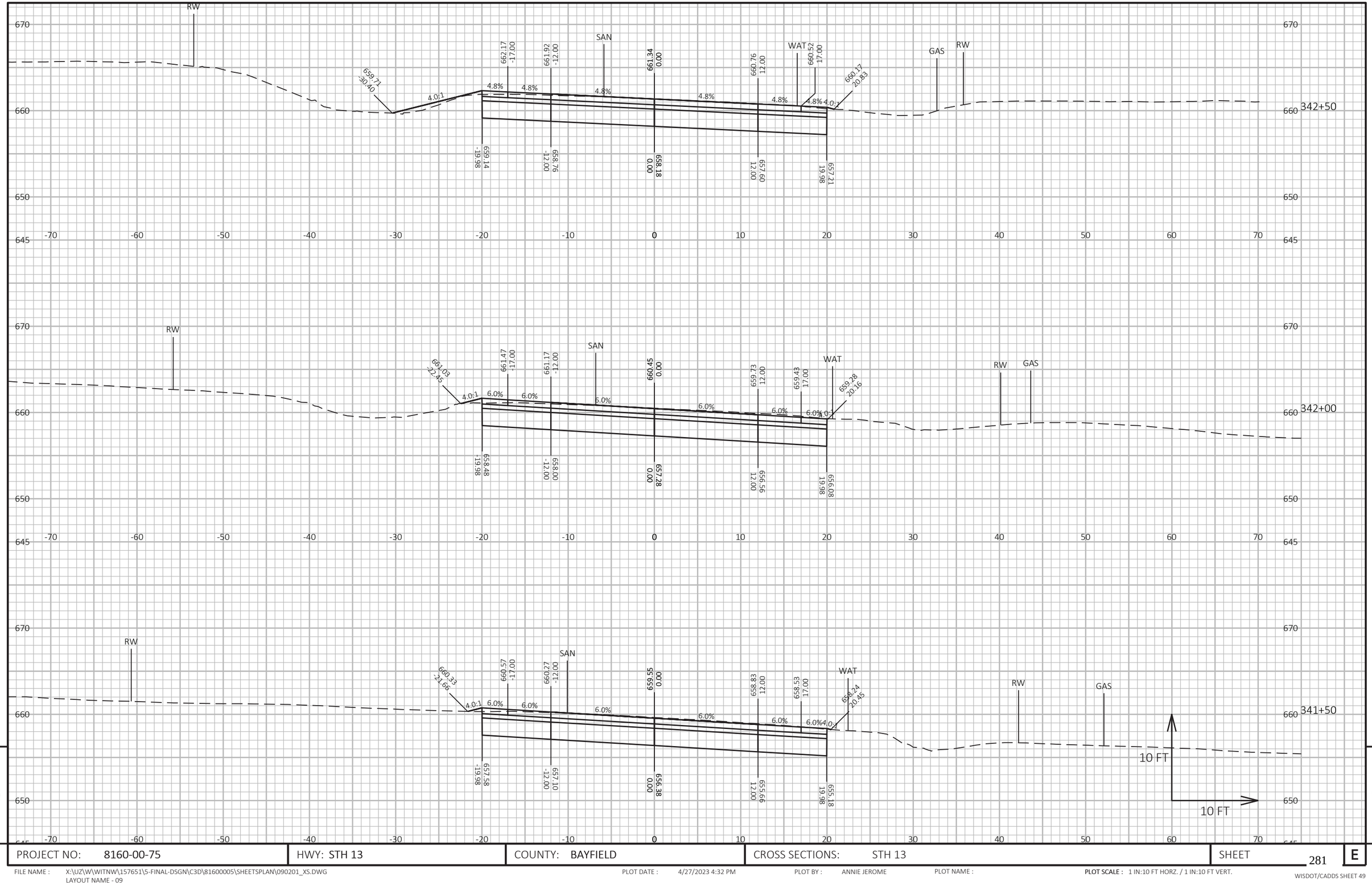
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 280	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 08

PLOT DATE : 4/27/2023 4:32 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

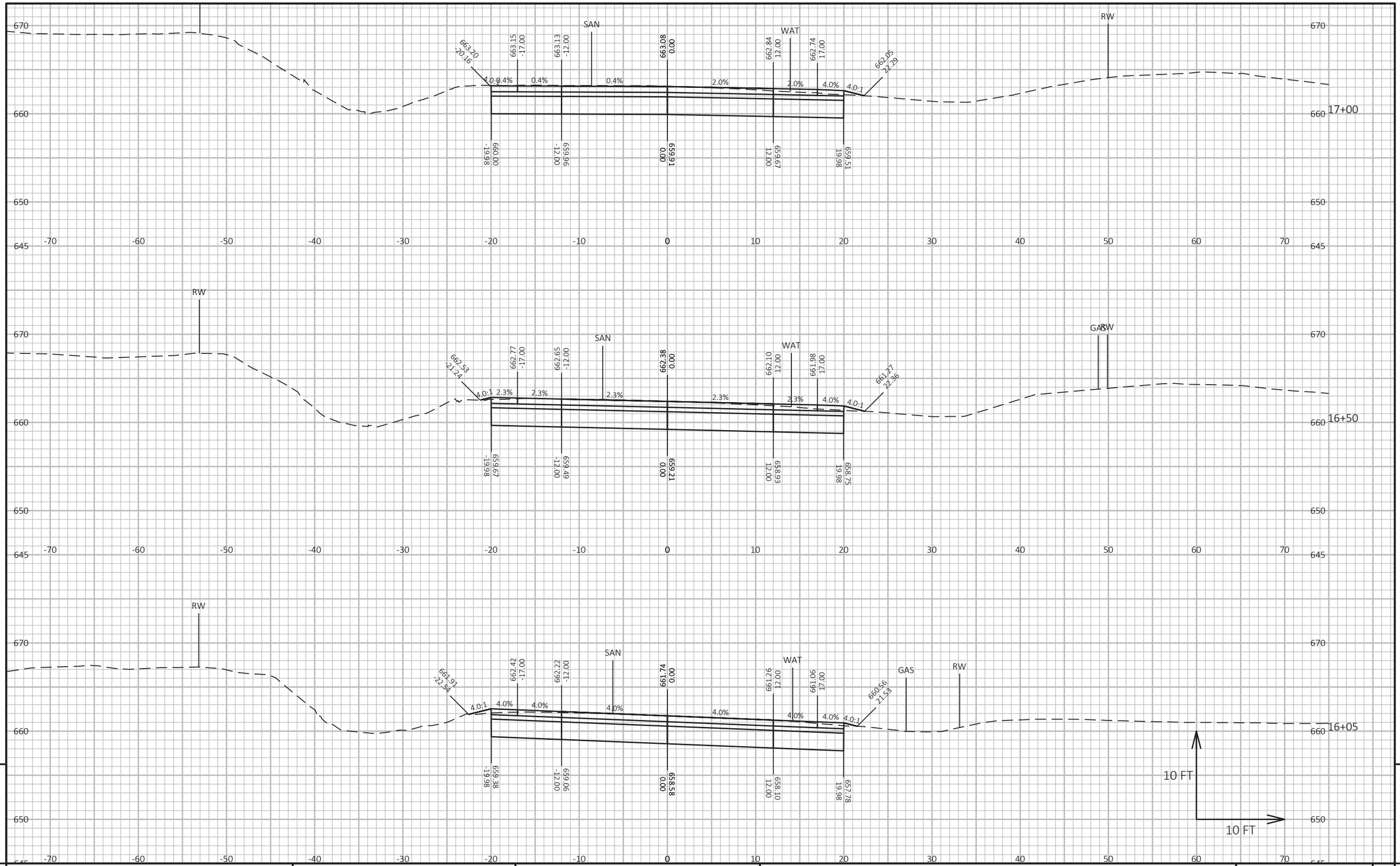


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 281 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 09

PLOT DATE : 4/27/2023 4:32 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 282	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 10

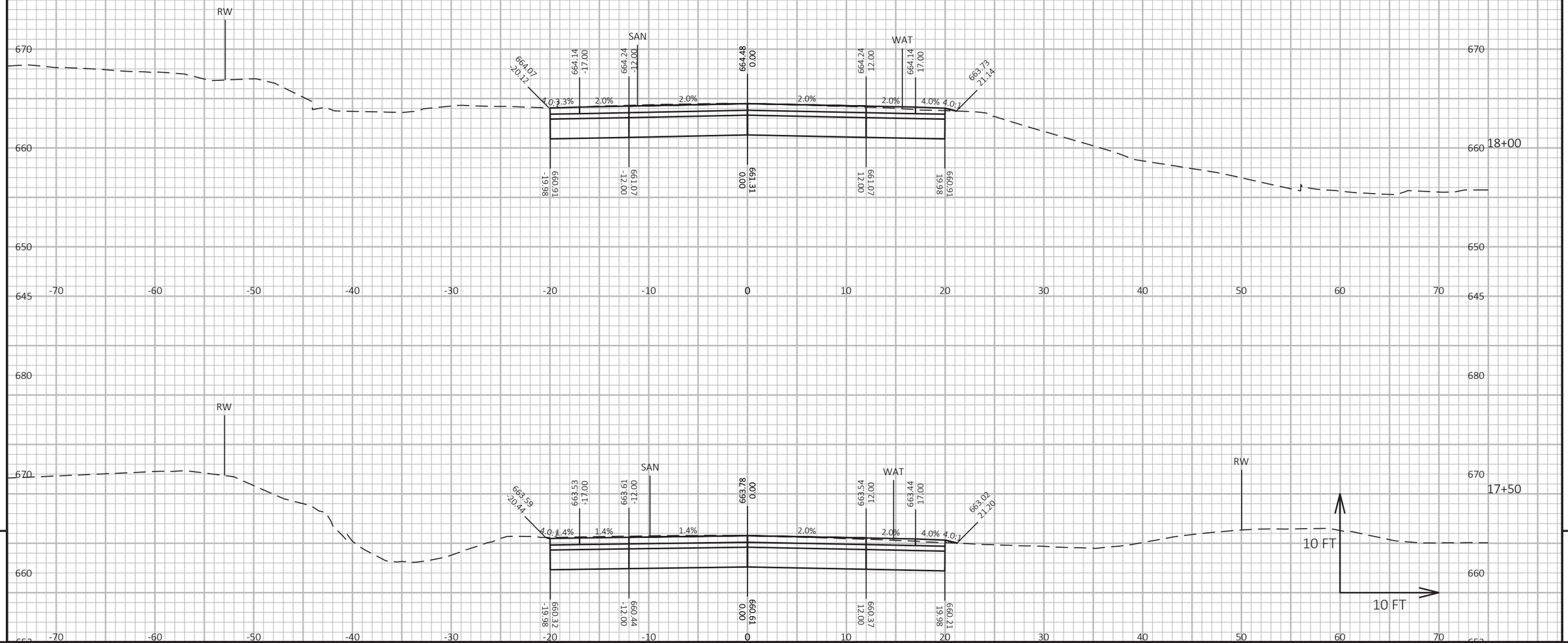
PLOT DATE : 4/27/2023 4:32 PM

PLOT BY : ANNIE JEROME

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: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 283	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 11

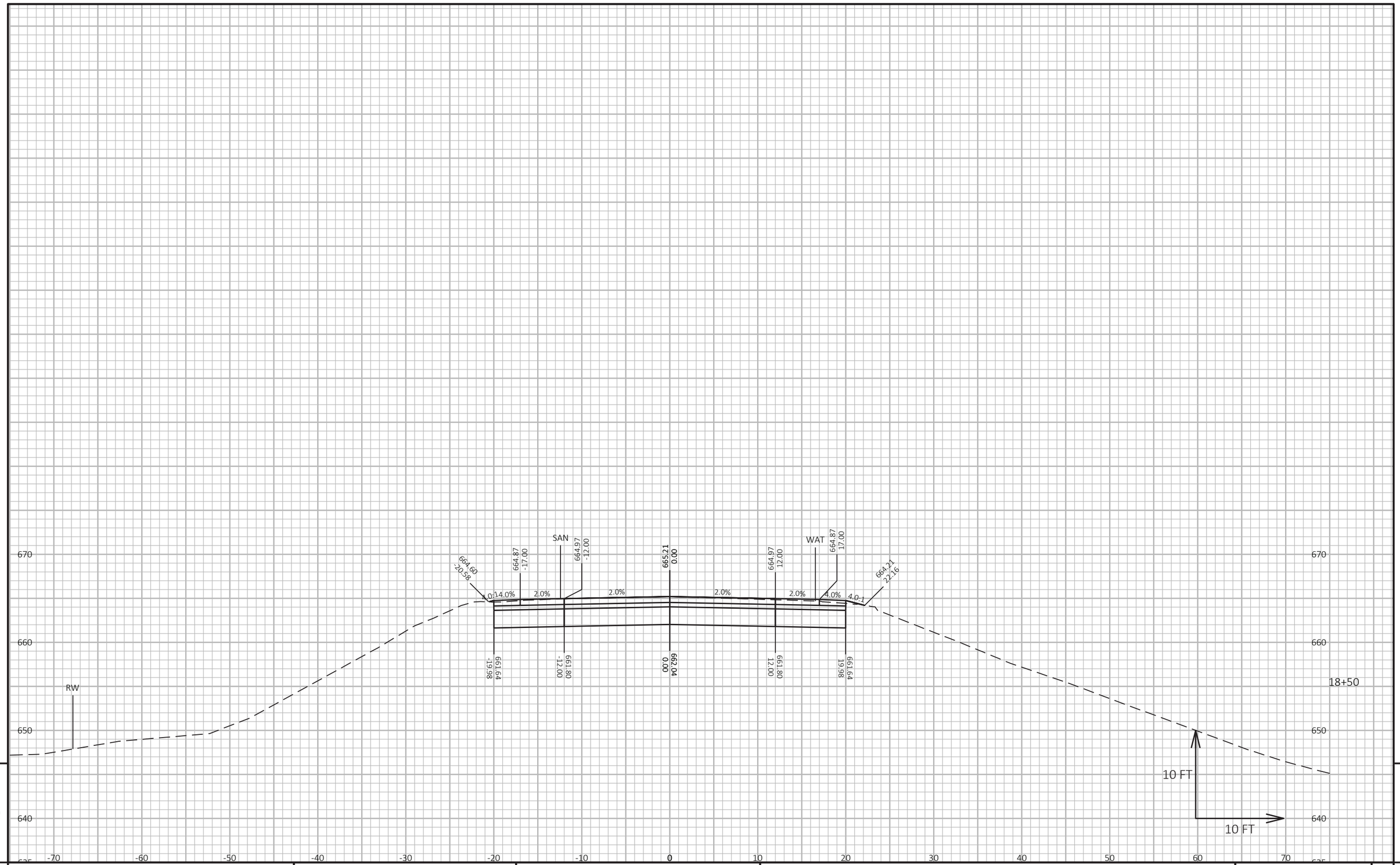
PLOT DATE : 4/27/2023 4:33 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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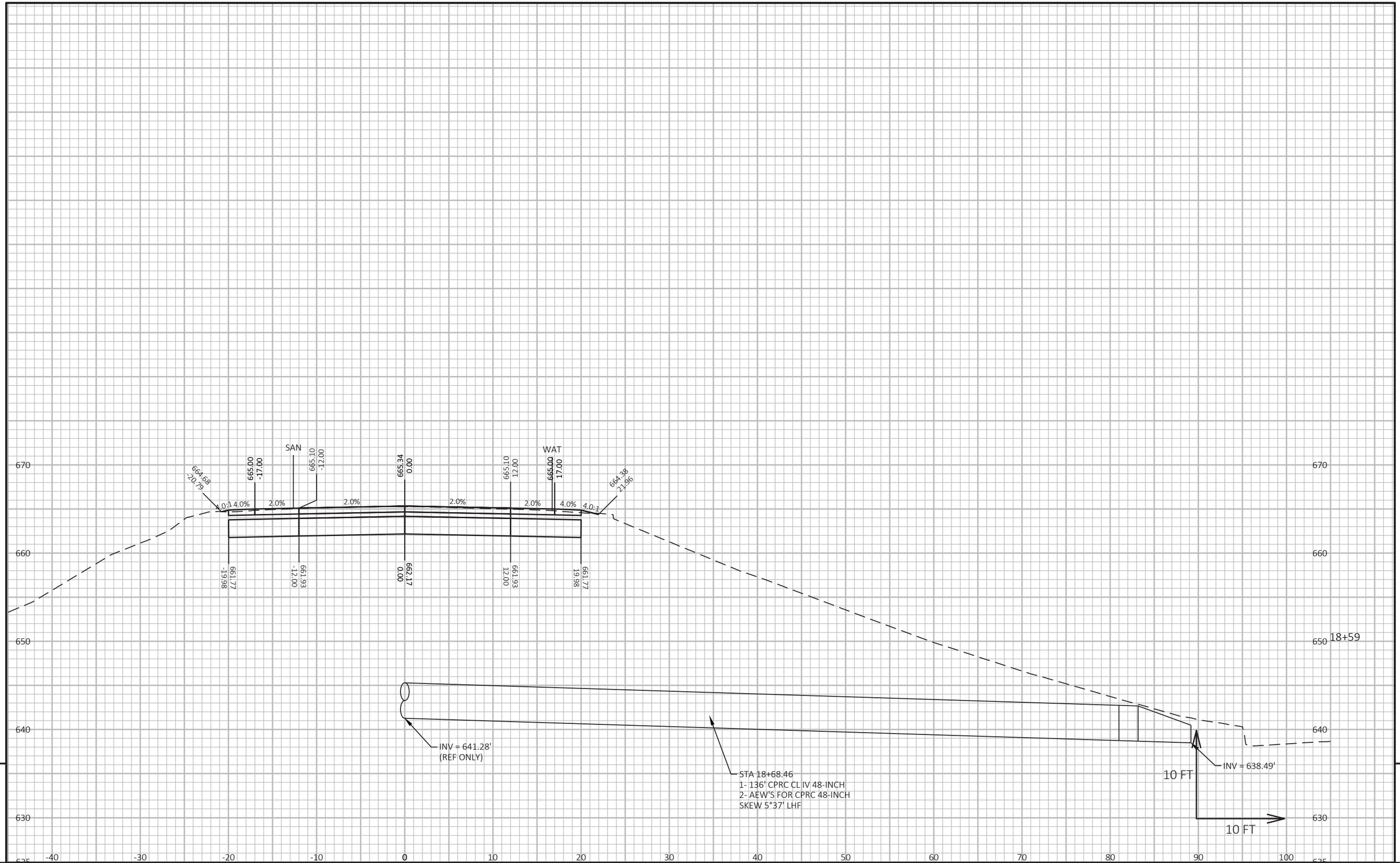
9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 284	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 12

PLOT DATE : 4/27/2023 4:33 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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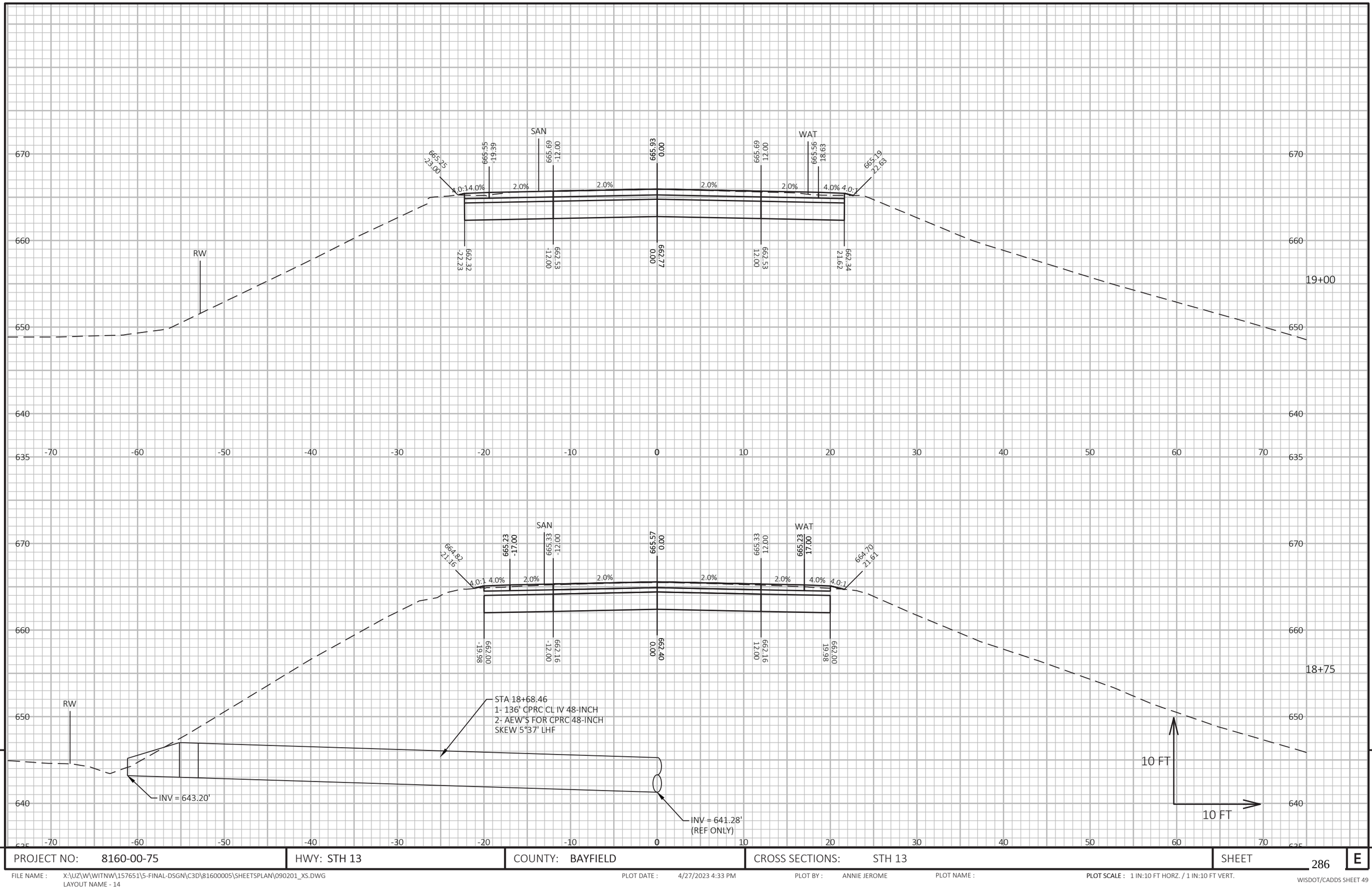
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 285	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 13

PLOT DATE : 4/27/2023 4:33 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 286	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 14

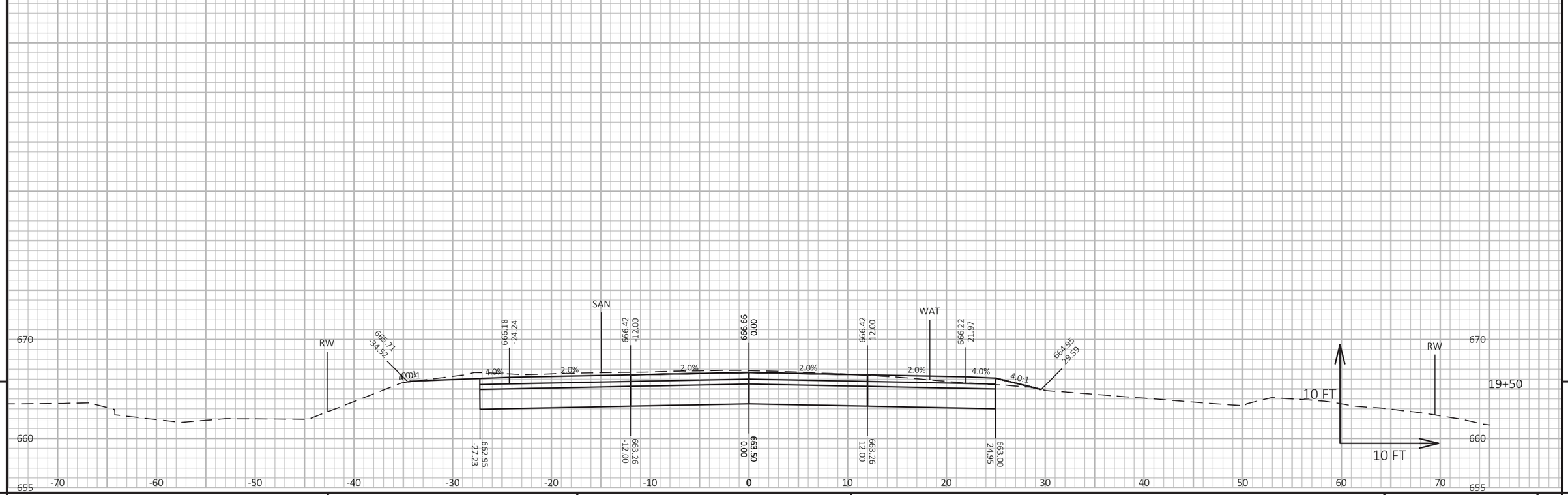
PLOT DATE : 4/27/2023 4:33 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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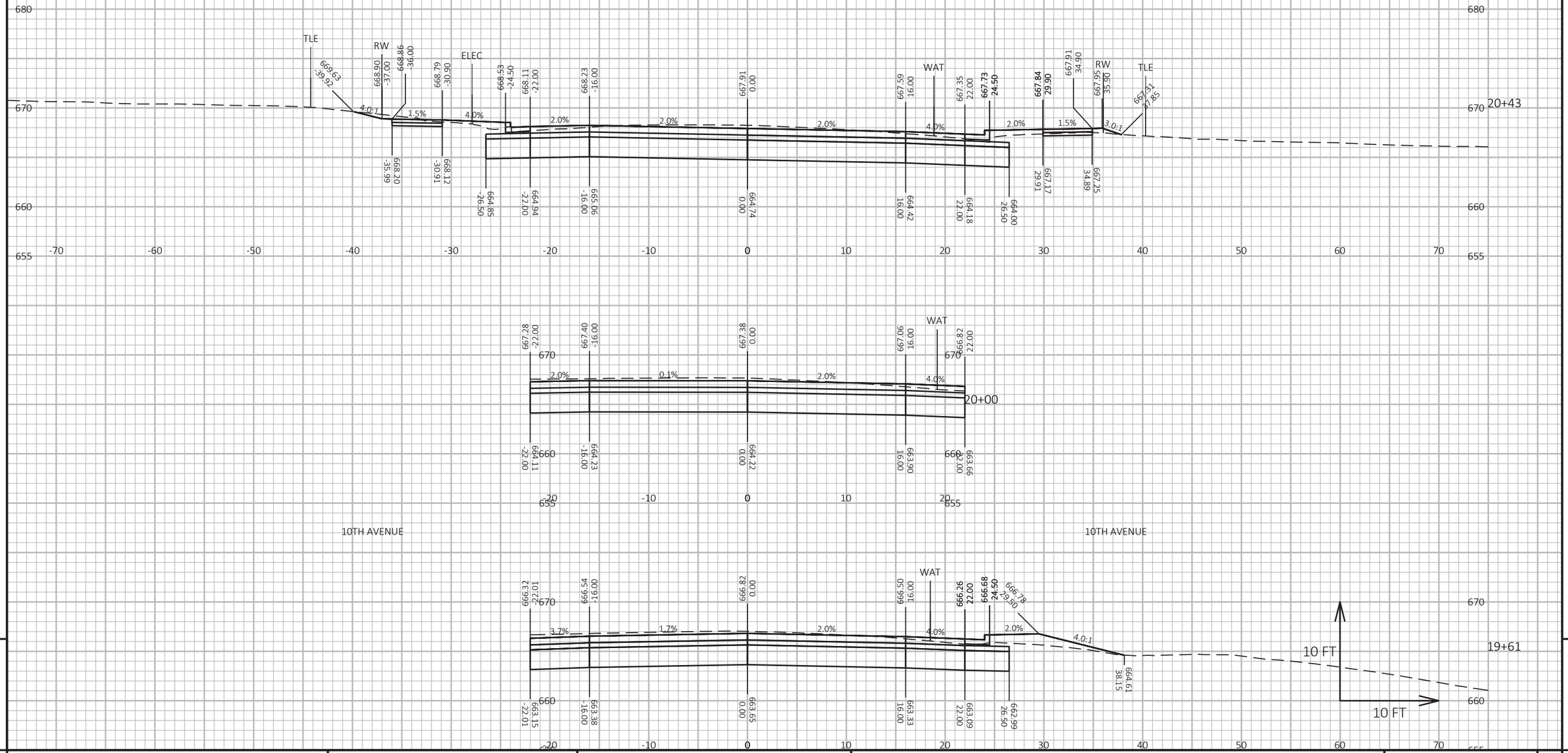
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 287	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 15

PLOT DATE : 4/27/2023 4:33 PM PLOT BY : ANNIE JEROME PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

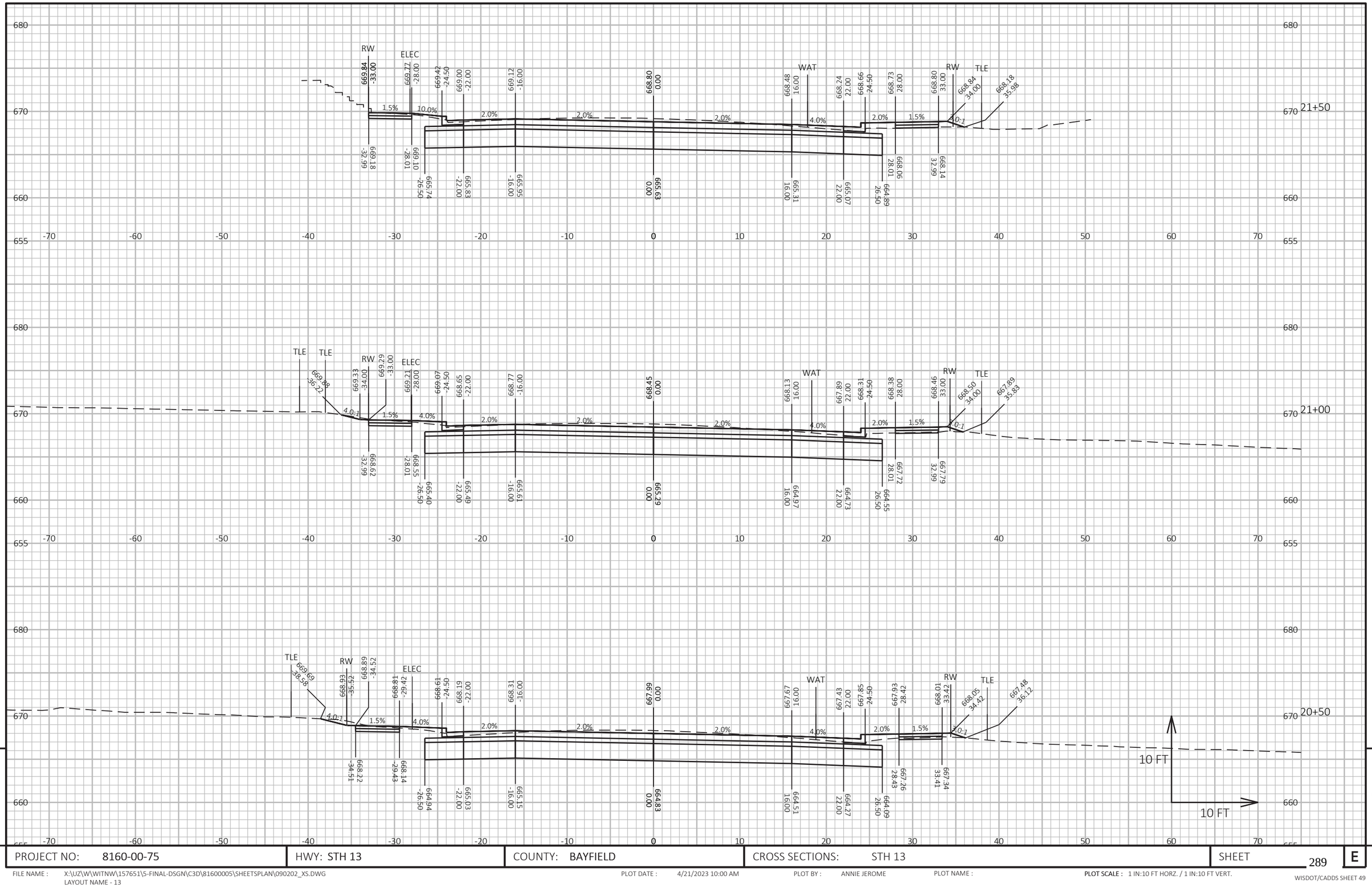


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 288	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 12

PLOT DATE : 4/21/2023 10:00 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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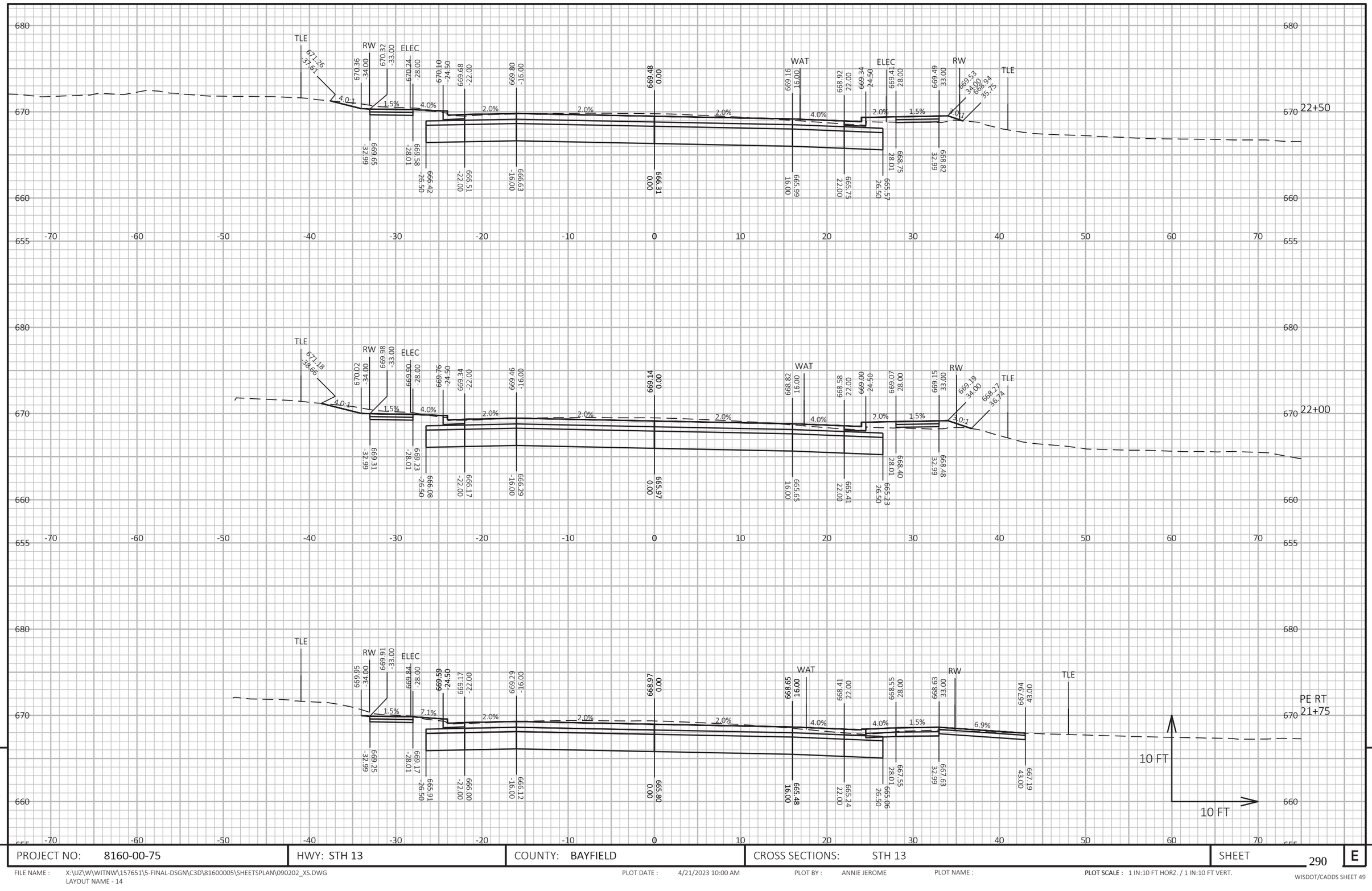
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 289	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 13

PLOT DATE : 4/21/2023 10:00 AM PLOT BY : ANNIE JEROME PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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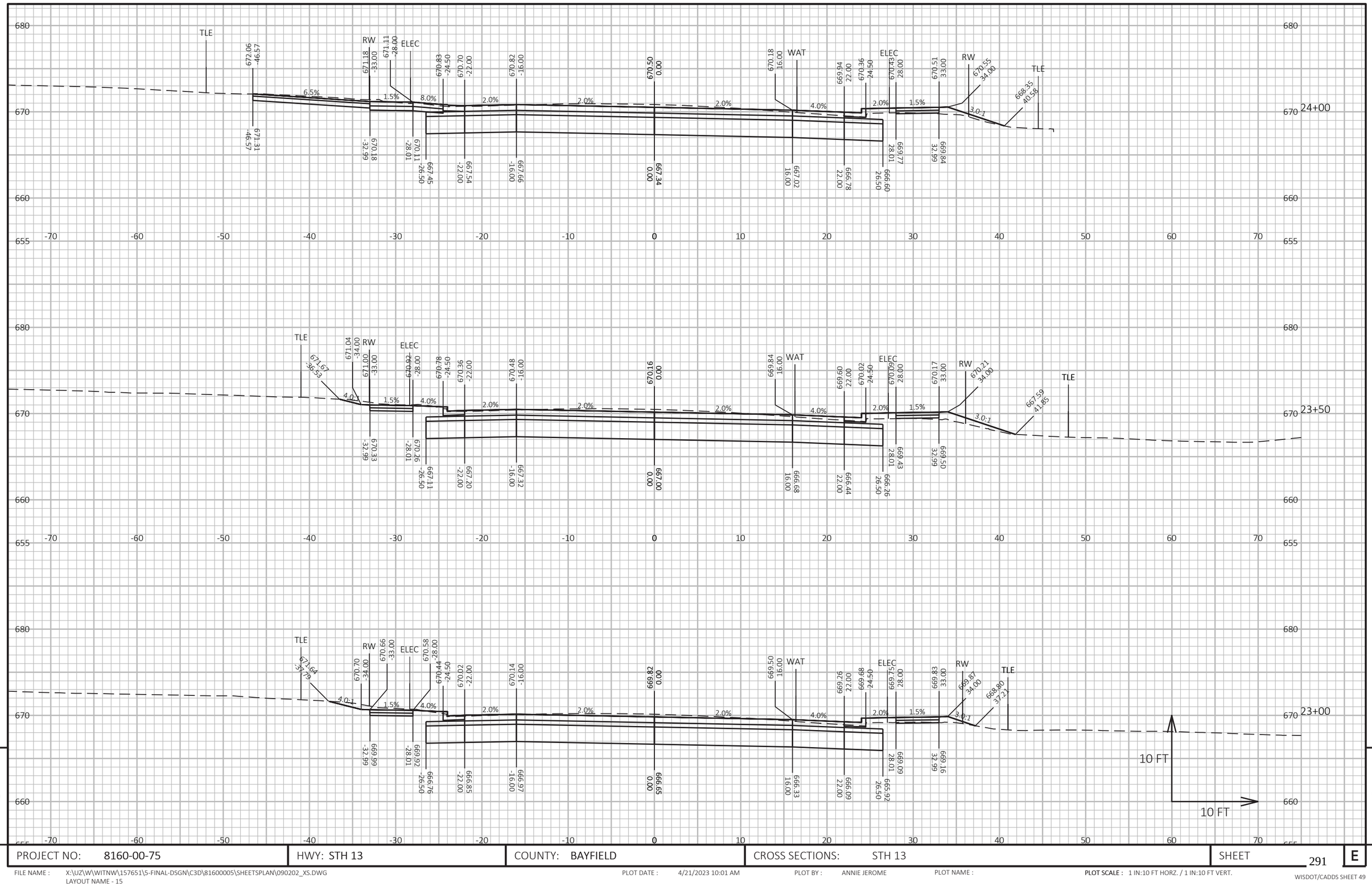
9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 290	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 14

PLOT DATE : 4/21/2023 10:00 AM PLOT BY : ANNIE JEROME PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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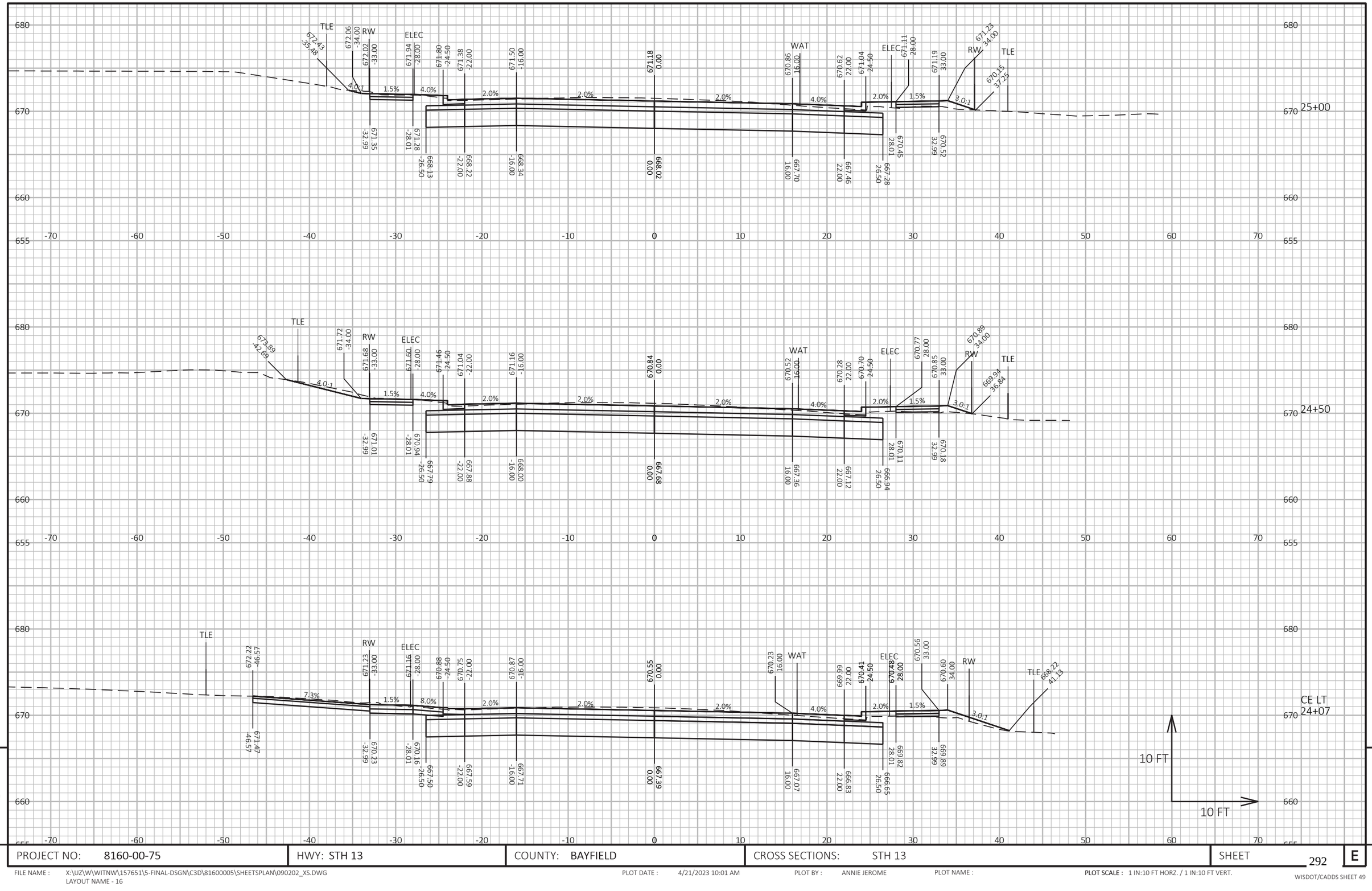
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 291	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 15

PLOT DATE : 4/21/2023 10:01 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 292	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 16

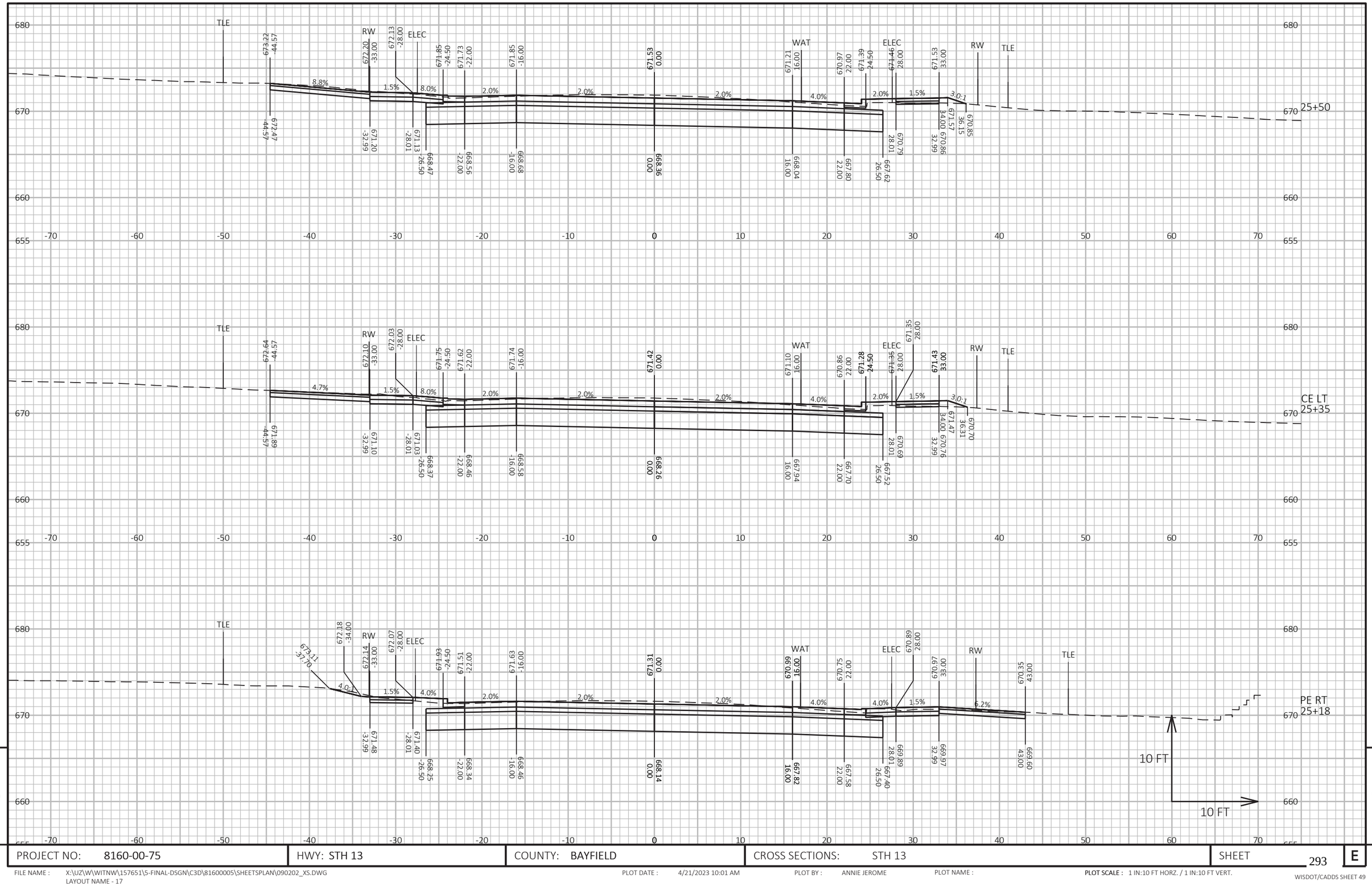
PLOT DATE : 4/21/2023 10:01 AM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 293	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 17

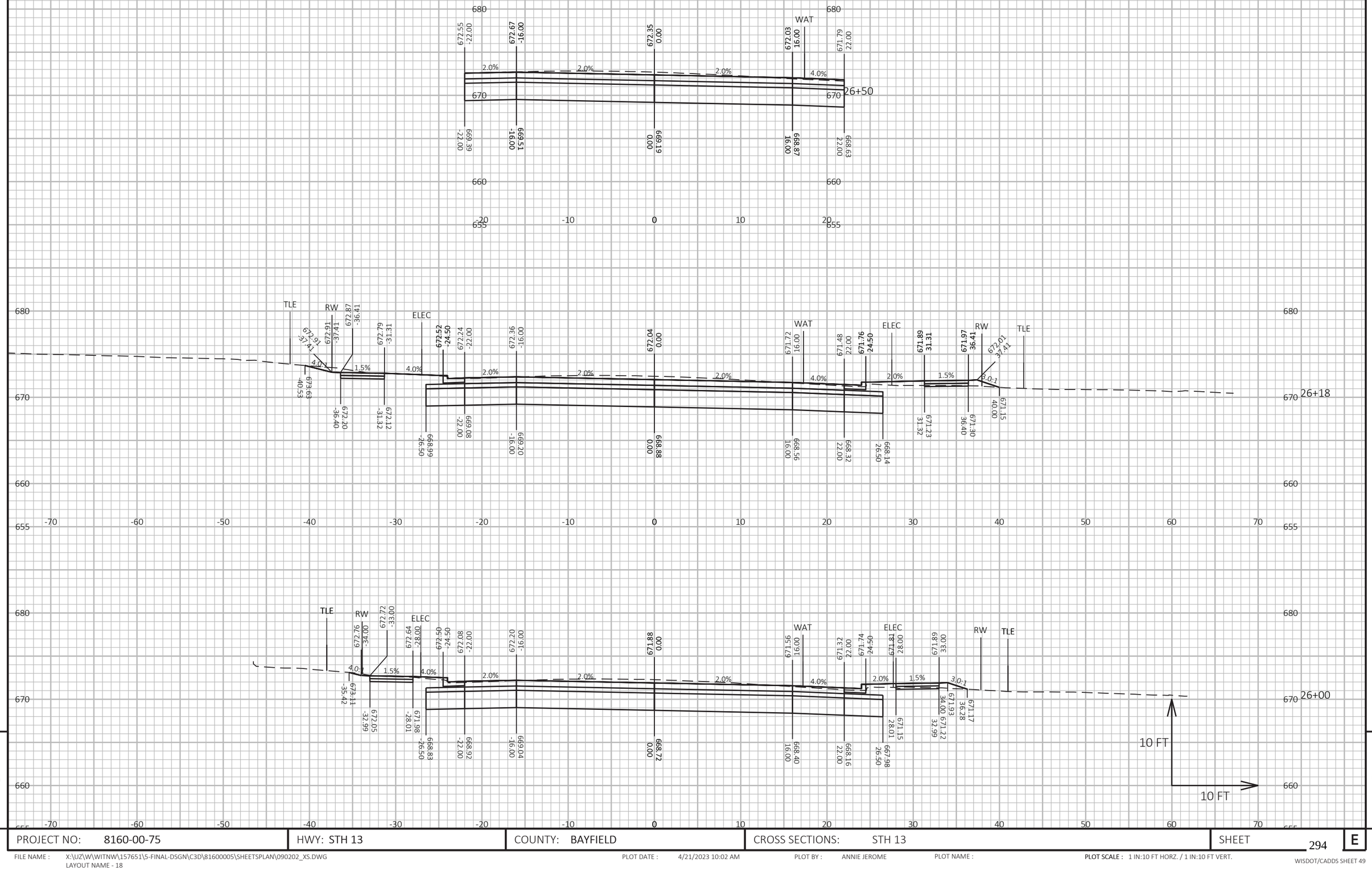
PLOT DATE : 4/21/2023 10:01 AM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

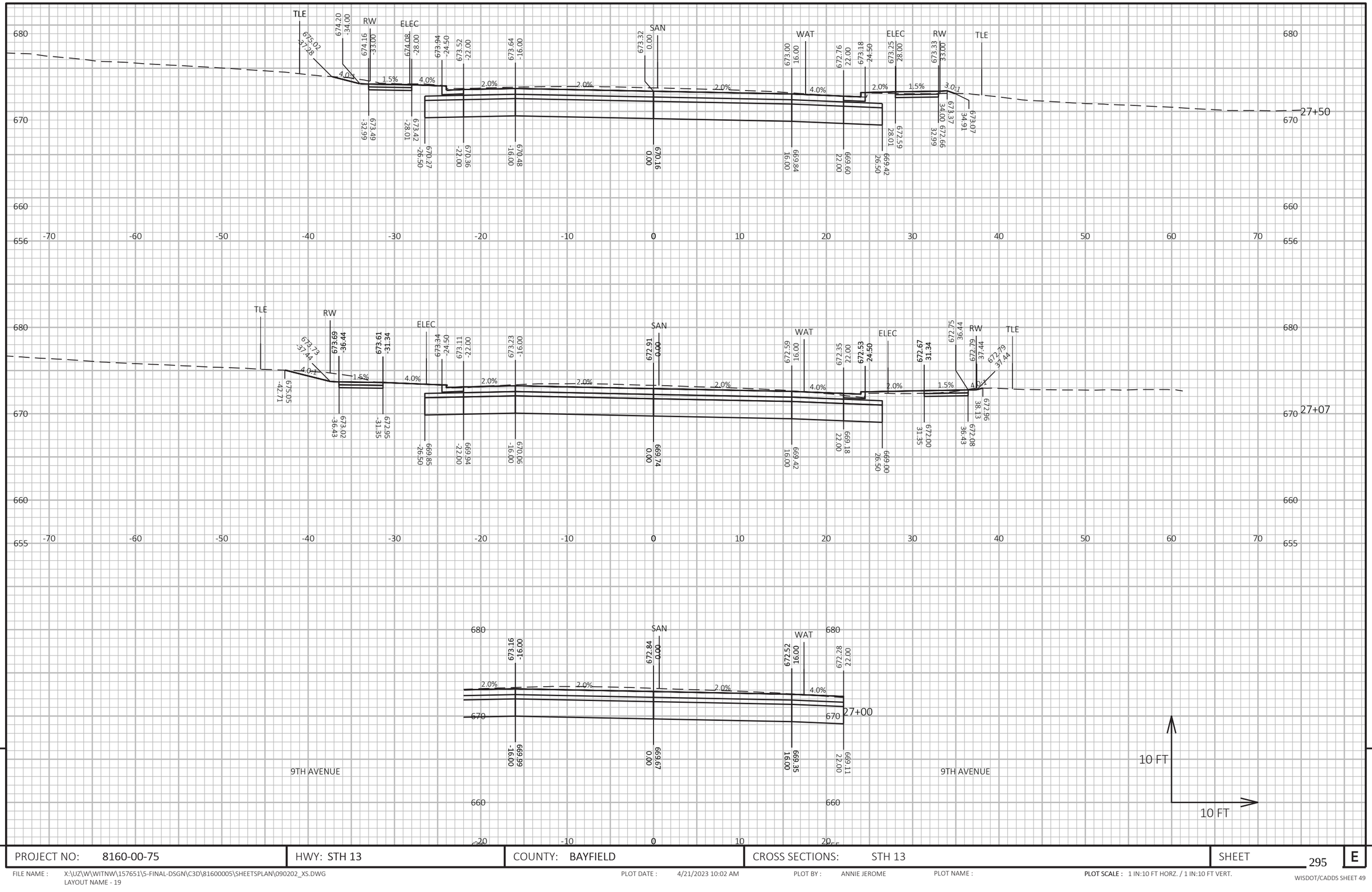


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 294	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 18

PLOT DATE : 4/21/2023 10:02 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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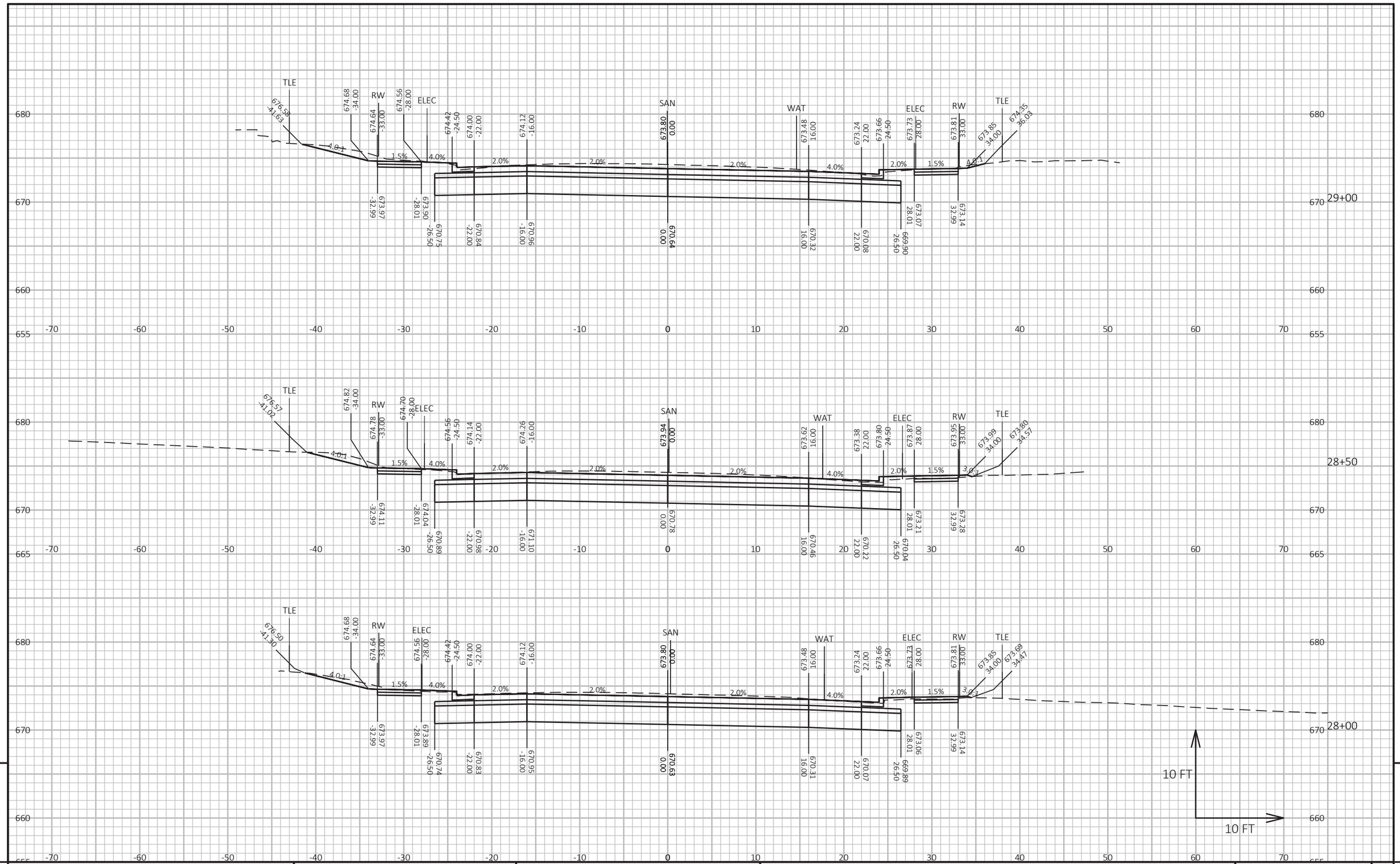
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 295	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 19

PLOT DATE : 4/21/2023 10:02 AM PLOT BY : ANNIE JEROME PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

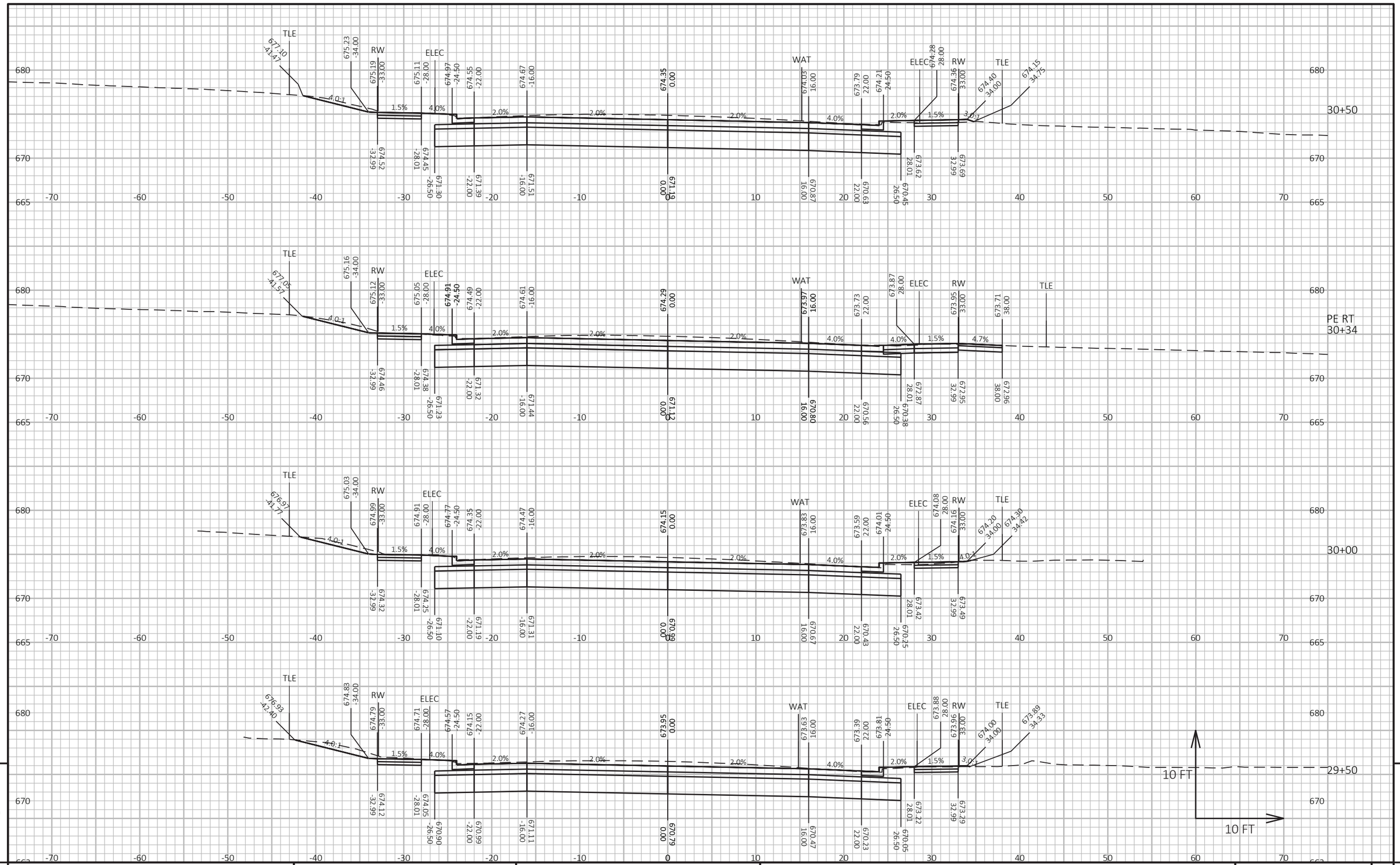


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 296	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 20

PLOT DATE : 4/21/2023 10:02 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 297	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 21

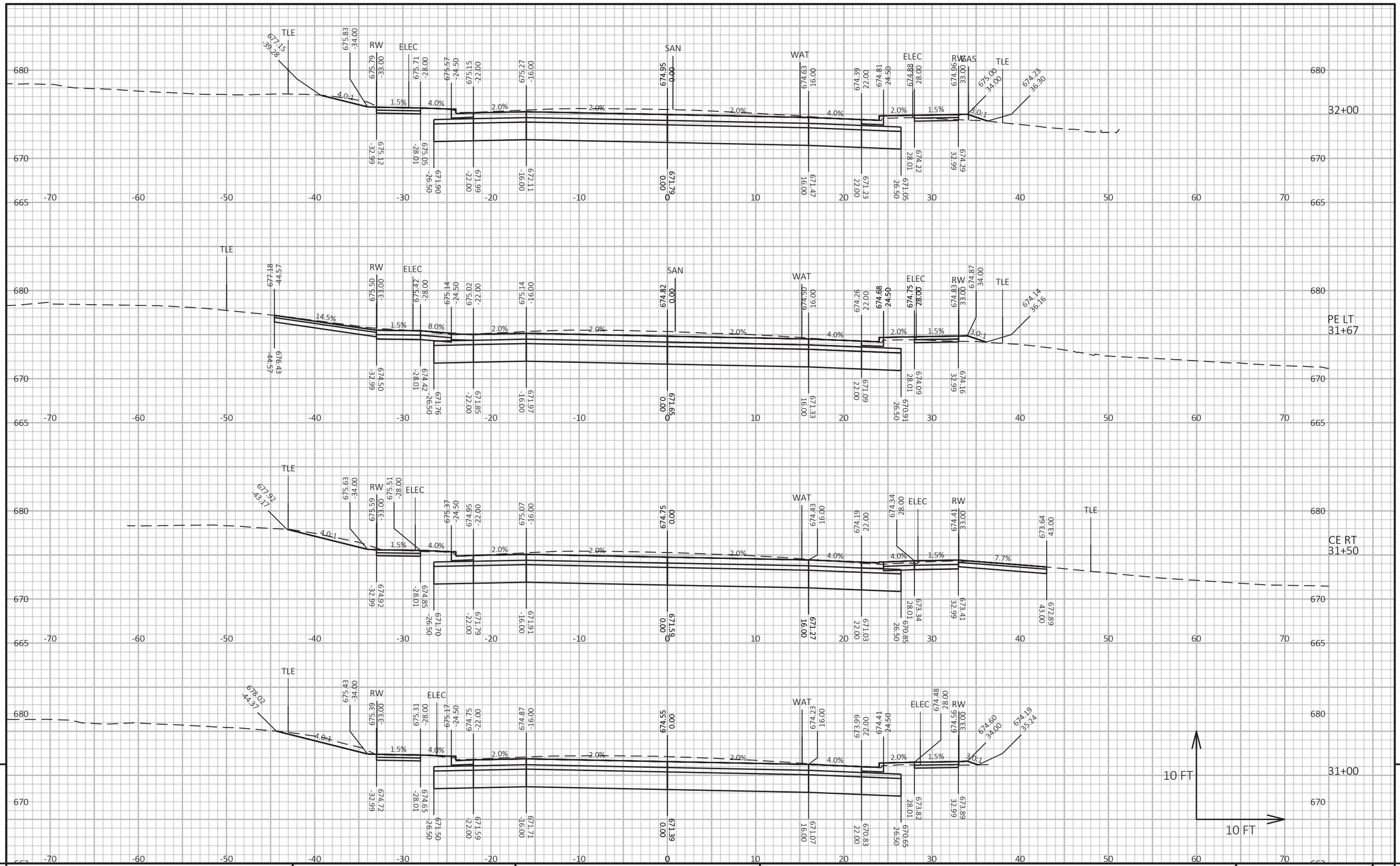
PLOT DATE : 4/21/2023 10:03 AM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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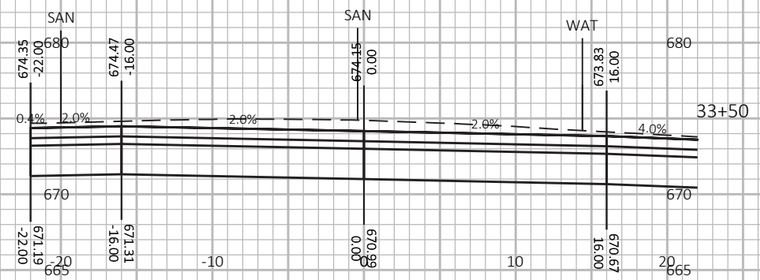
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 298	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 22

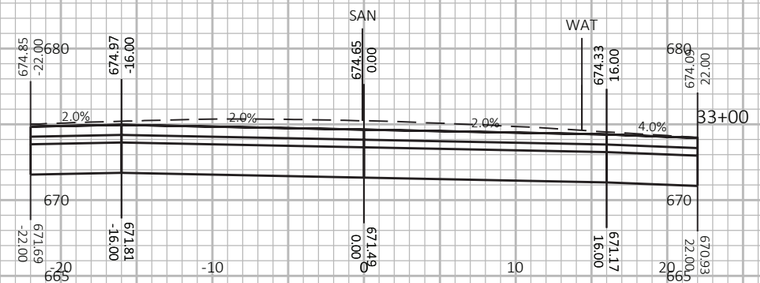
PLOT DATE : 4/21/2023 10:03 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

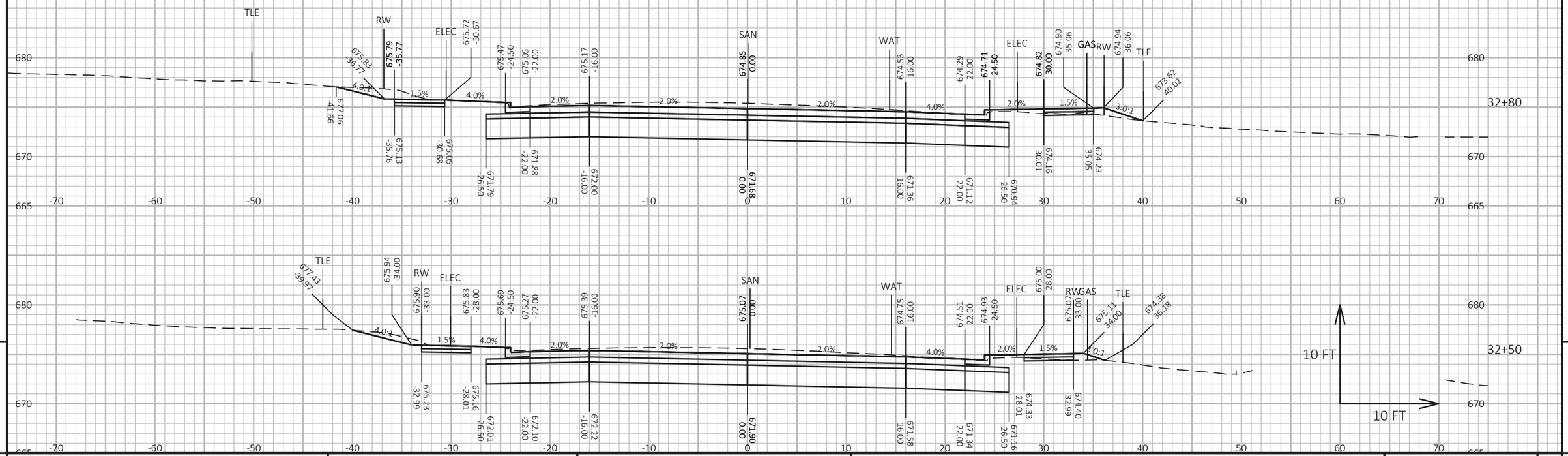
WISDOT/CADDS SHEET 49



8TH AVENUE

8TH AVENUE





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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 299	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 23

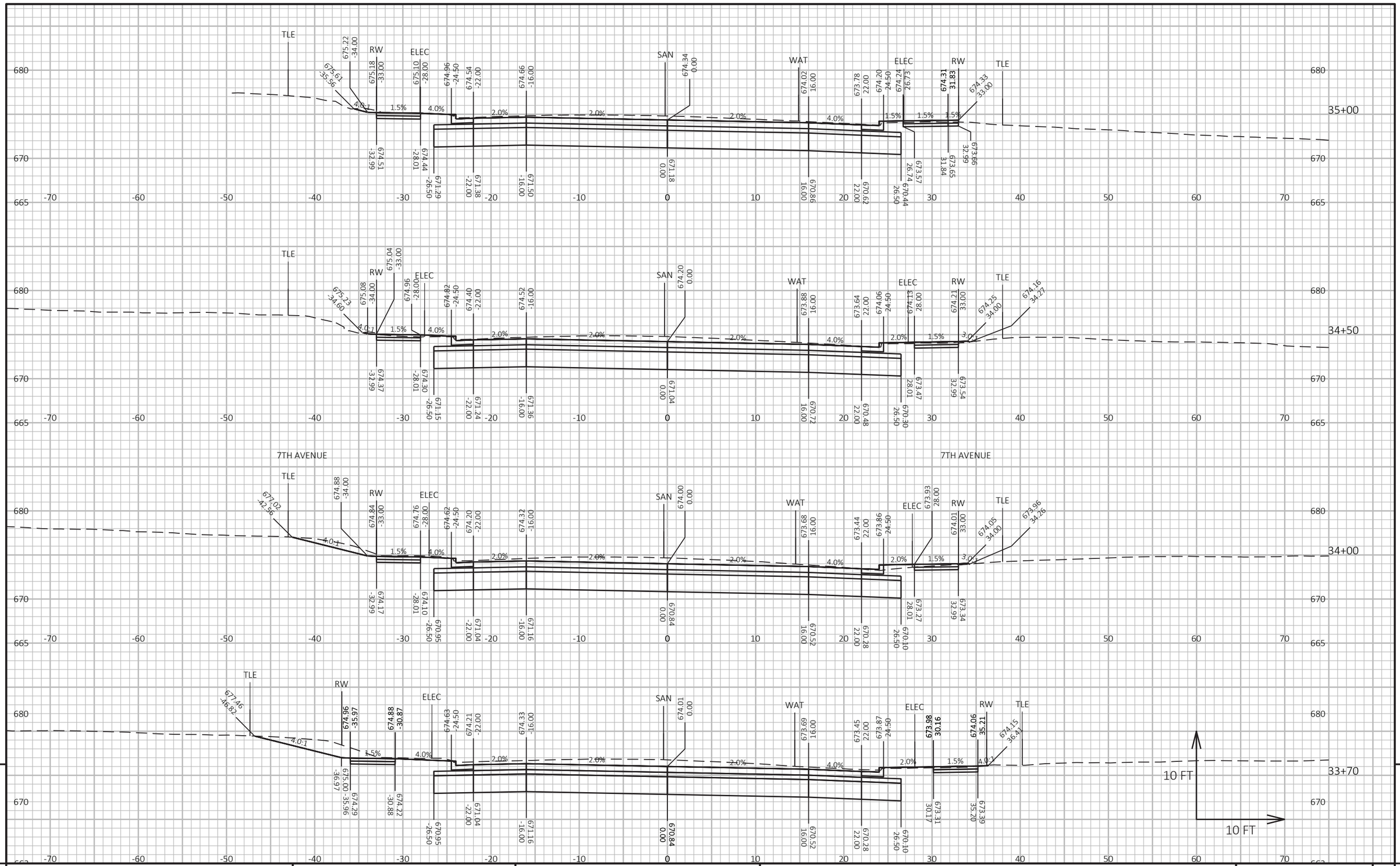
PLOT DATE : 4/21/2023 10:03 AM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 300	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 24

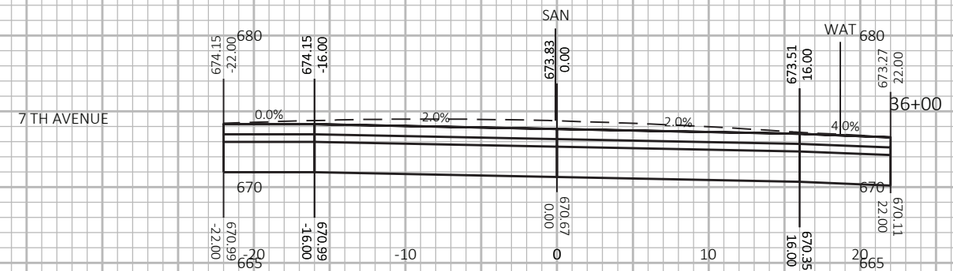
PLOT DATE : 4/21/2023 10:04 AM

PLOT BY : ANNIE JEROME

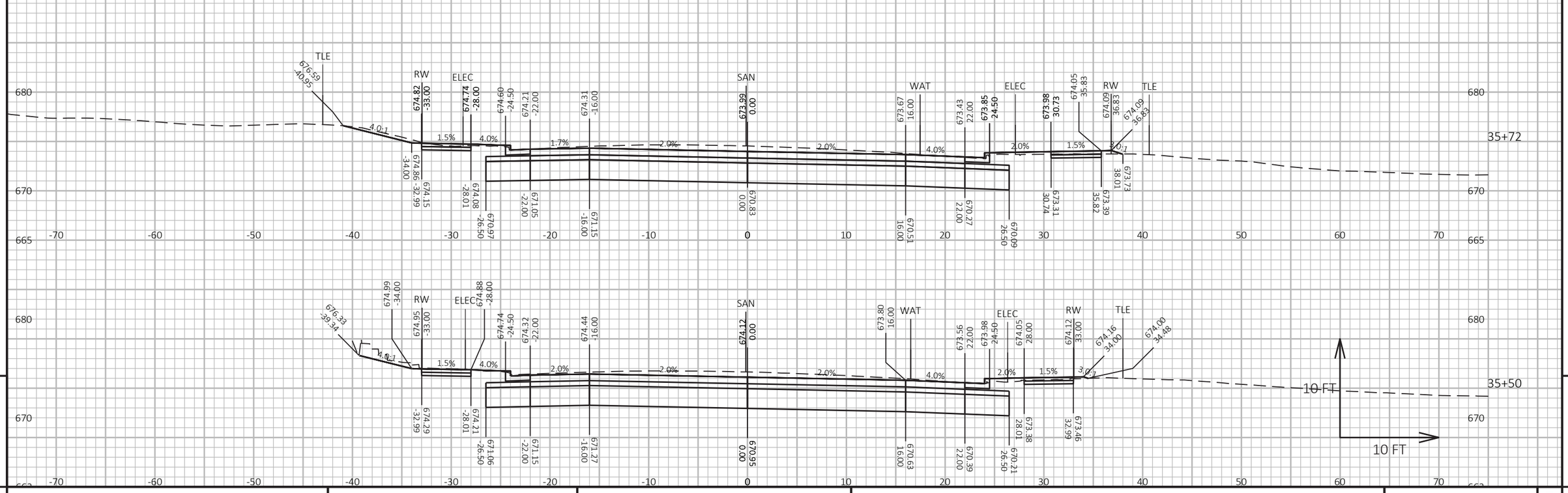
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



7 TH AVENUE



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 301	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 25

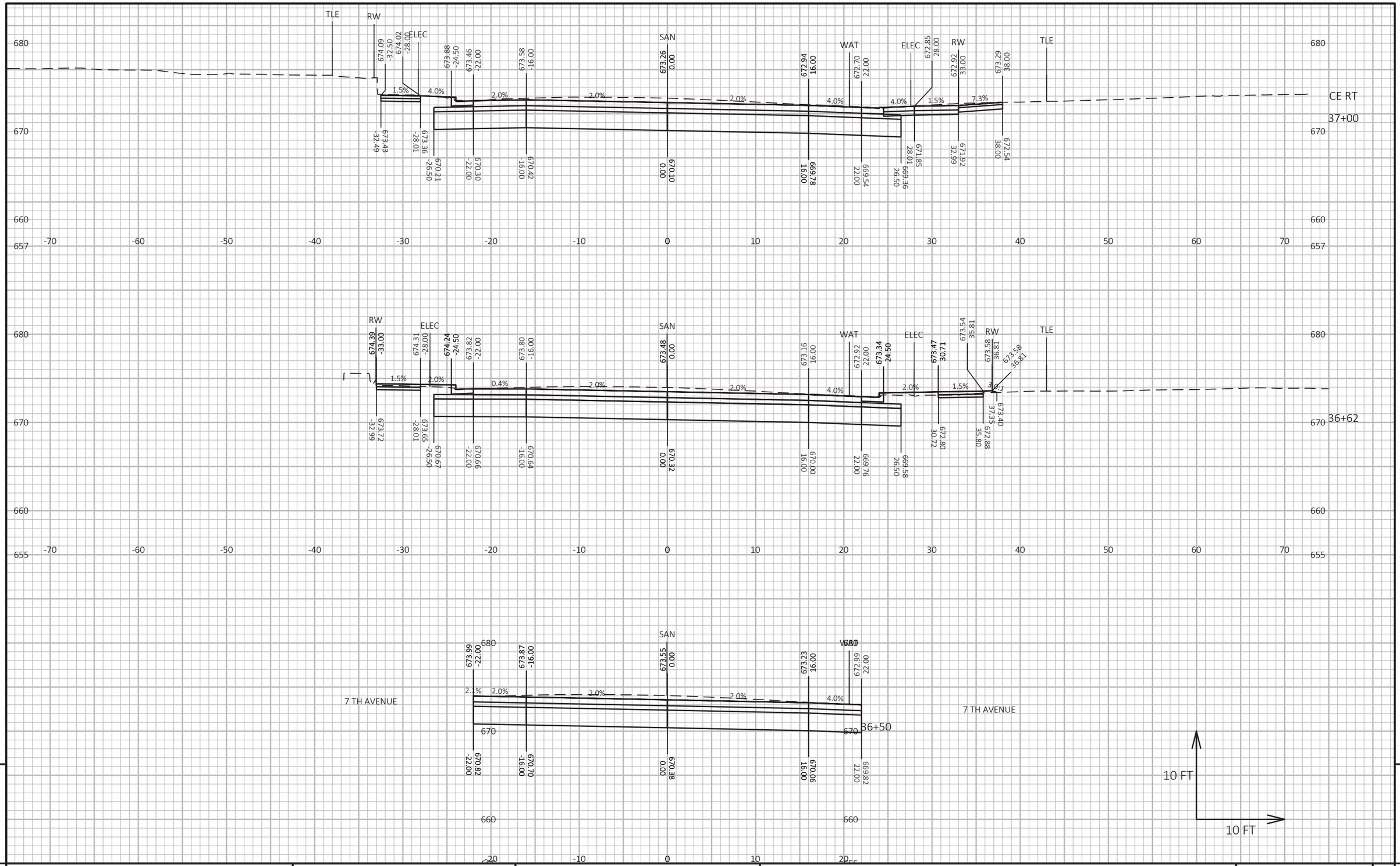
PLOT DATE : 4/21/2023 10:04 AM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

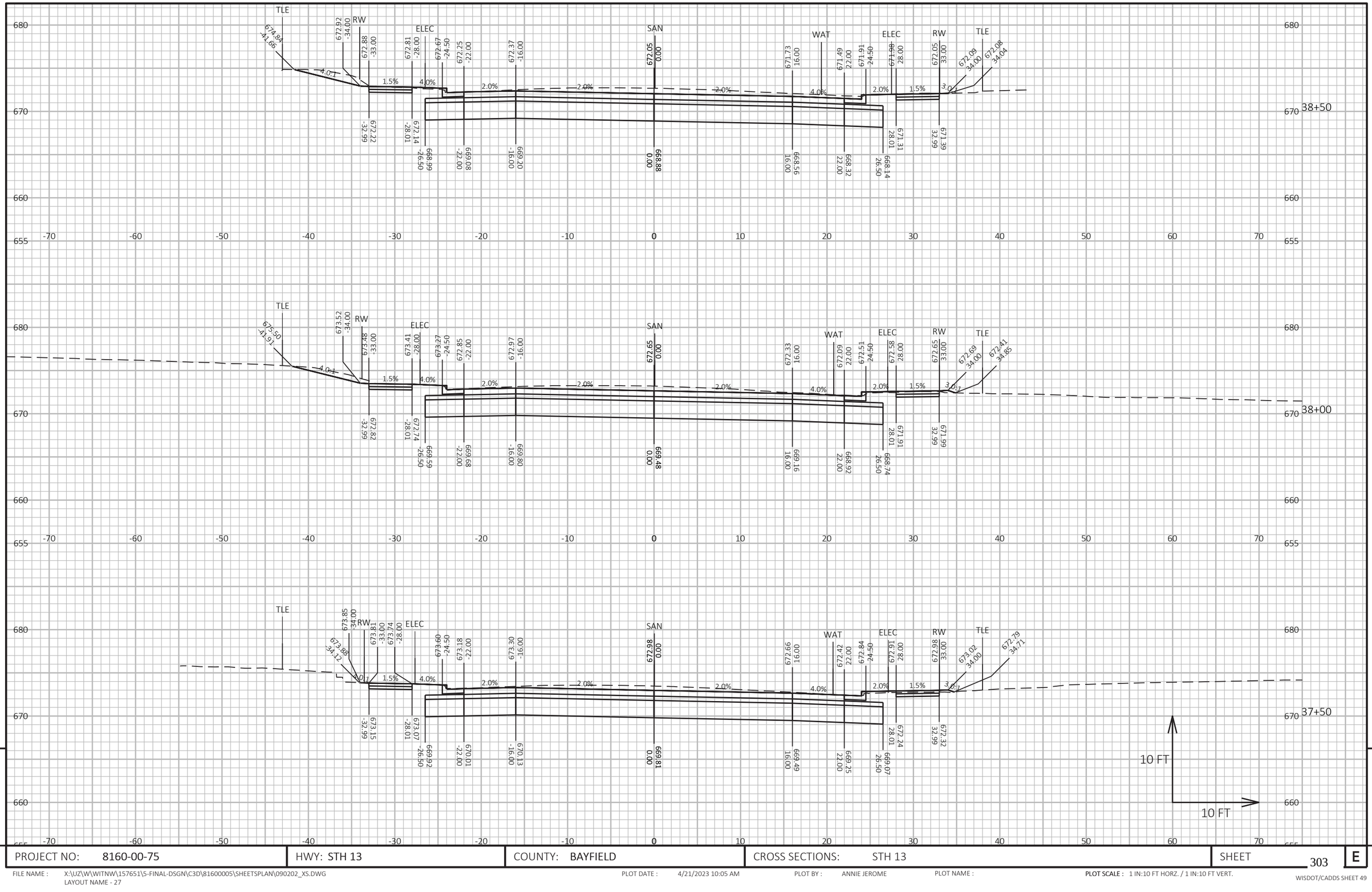


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 302 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 26

PLOT DATE : 4/21/2023 10:04 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 303	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 27

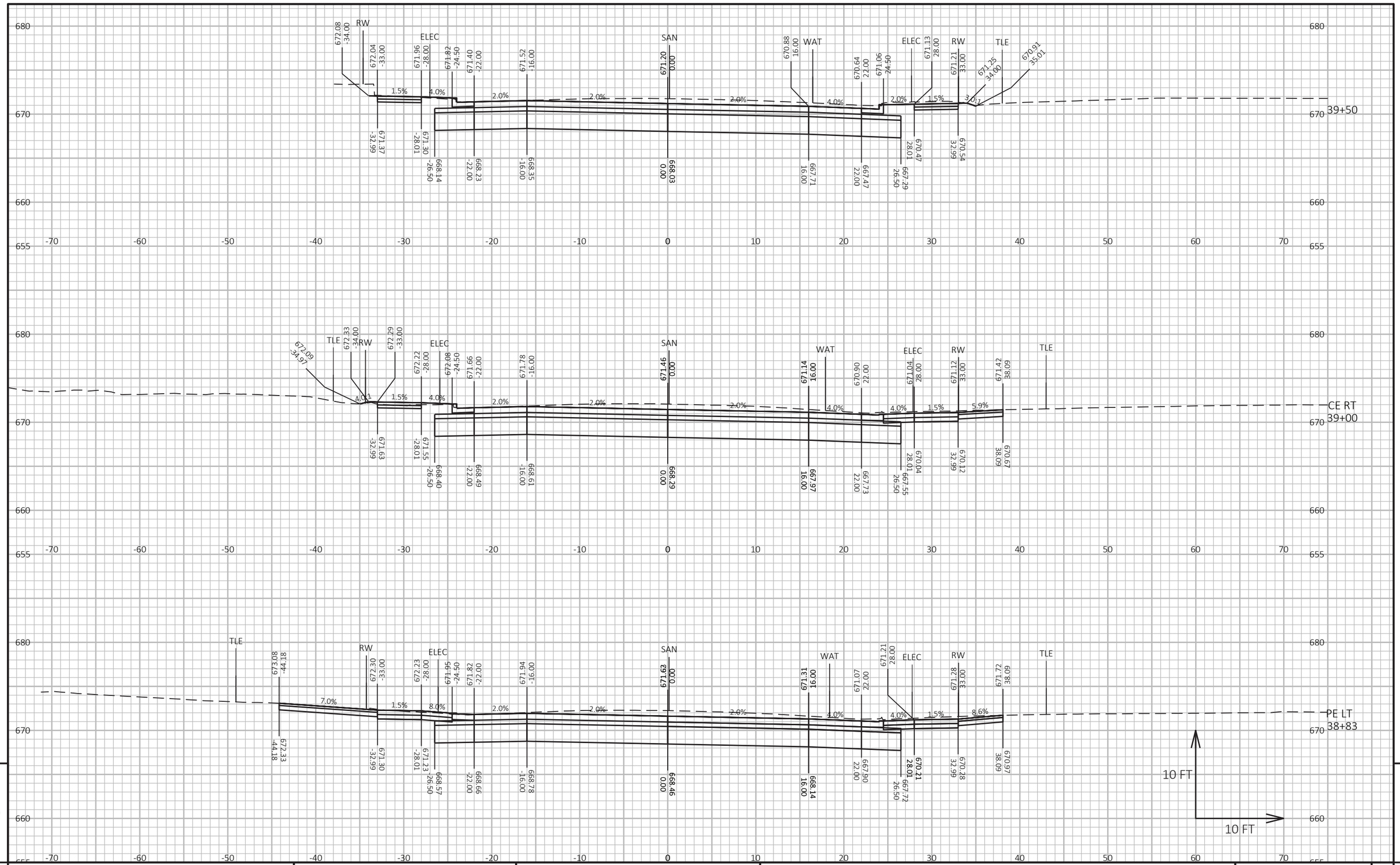
PLOT DATE : 4/21/2023 10:05 AM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

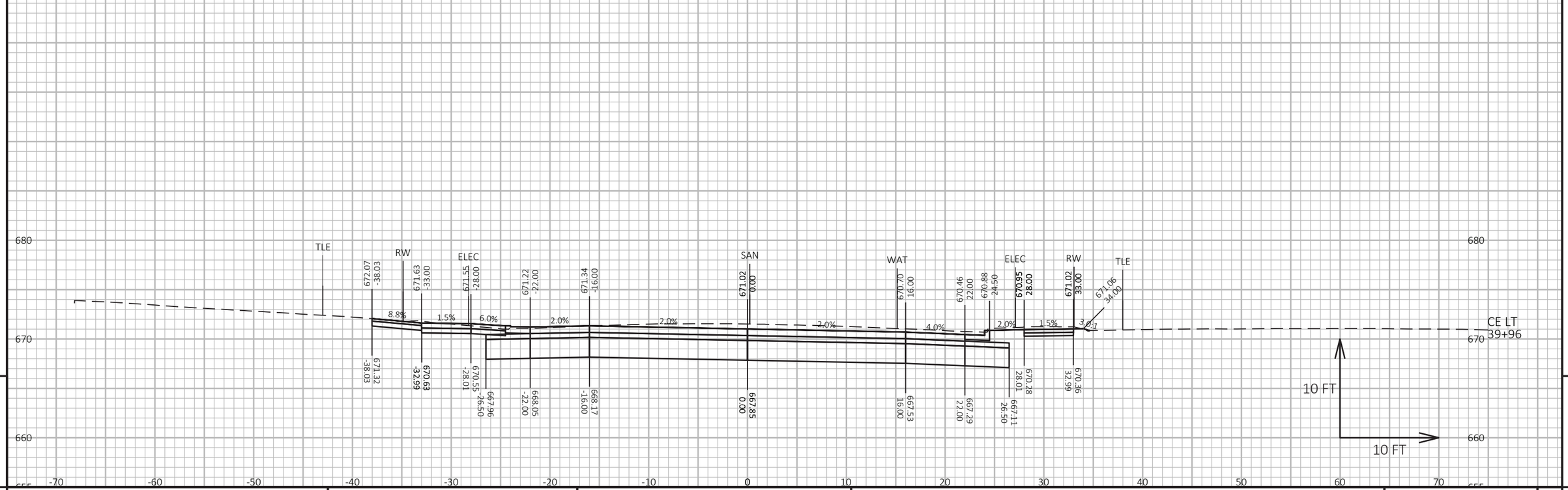


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 304 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 28

PLOT DATE : 4/21/2023 10:05 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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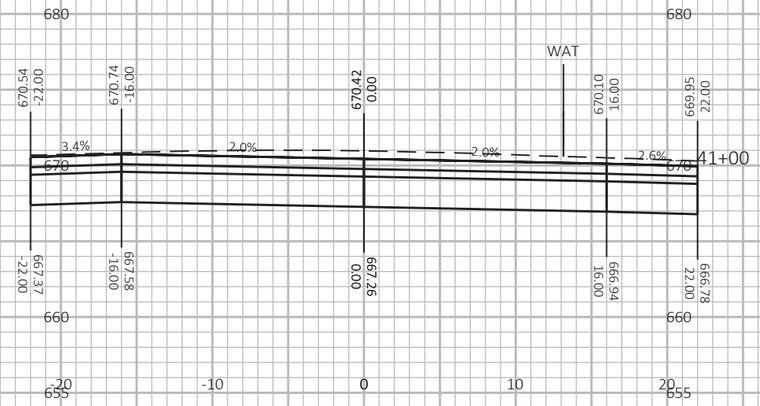
9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 305	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090202_XS.DWG
LAYOUT NAME - 29

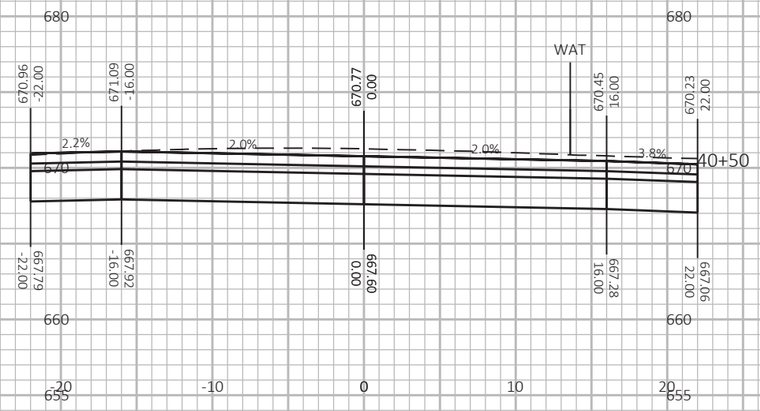
PLOT DATE : 4/21/2023 10:05 AM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

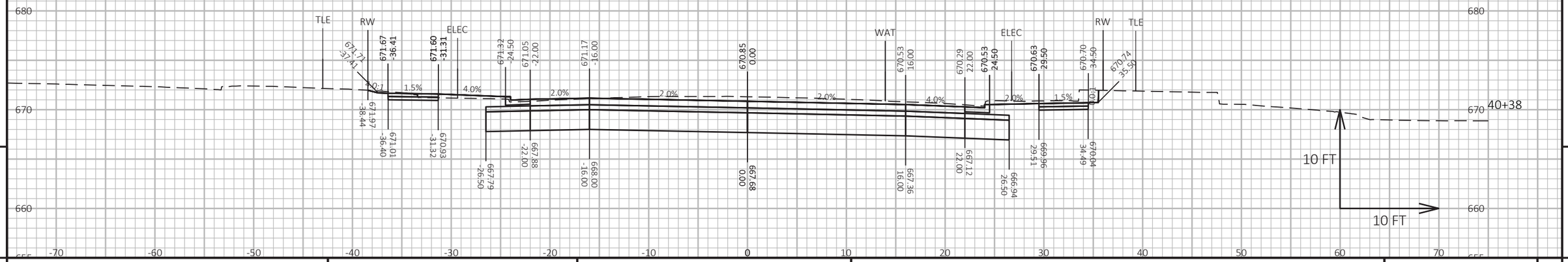
WISDOT/CADDS SHEET 49



6TH AVENUE

6TH AVENUE





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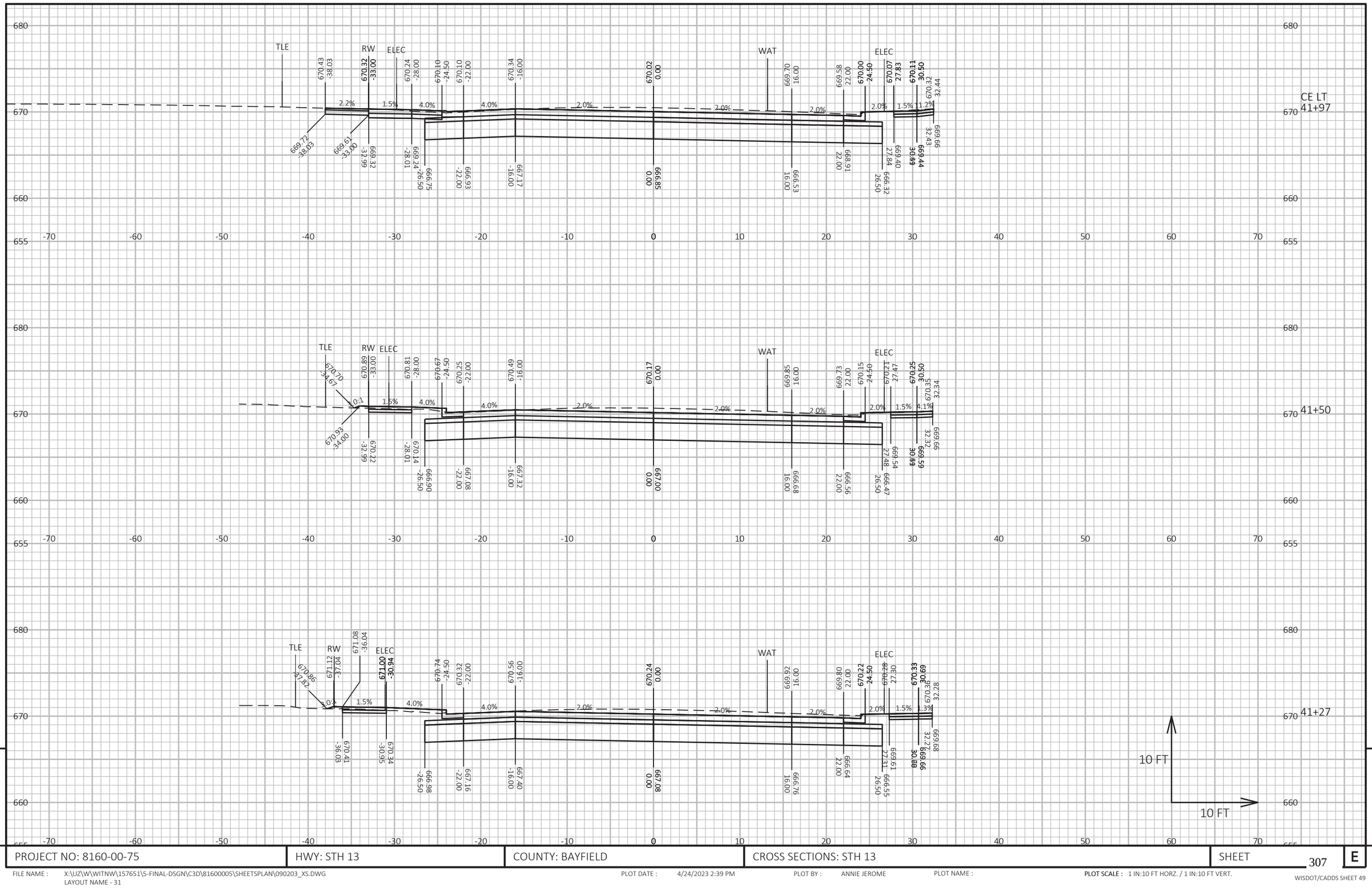
9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 306	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 30

PLOT DATE : 4/24/2023 2:38 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

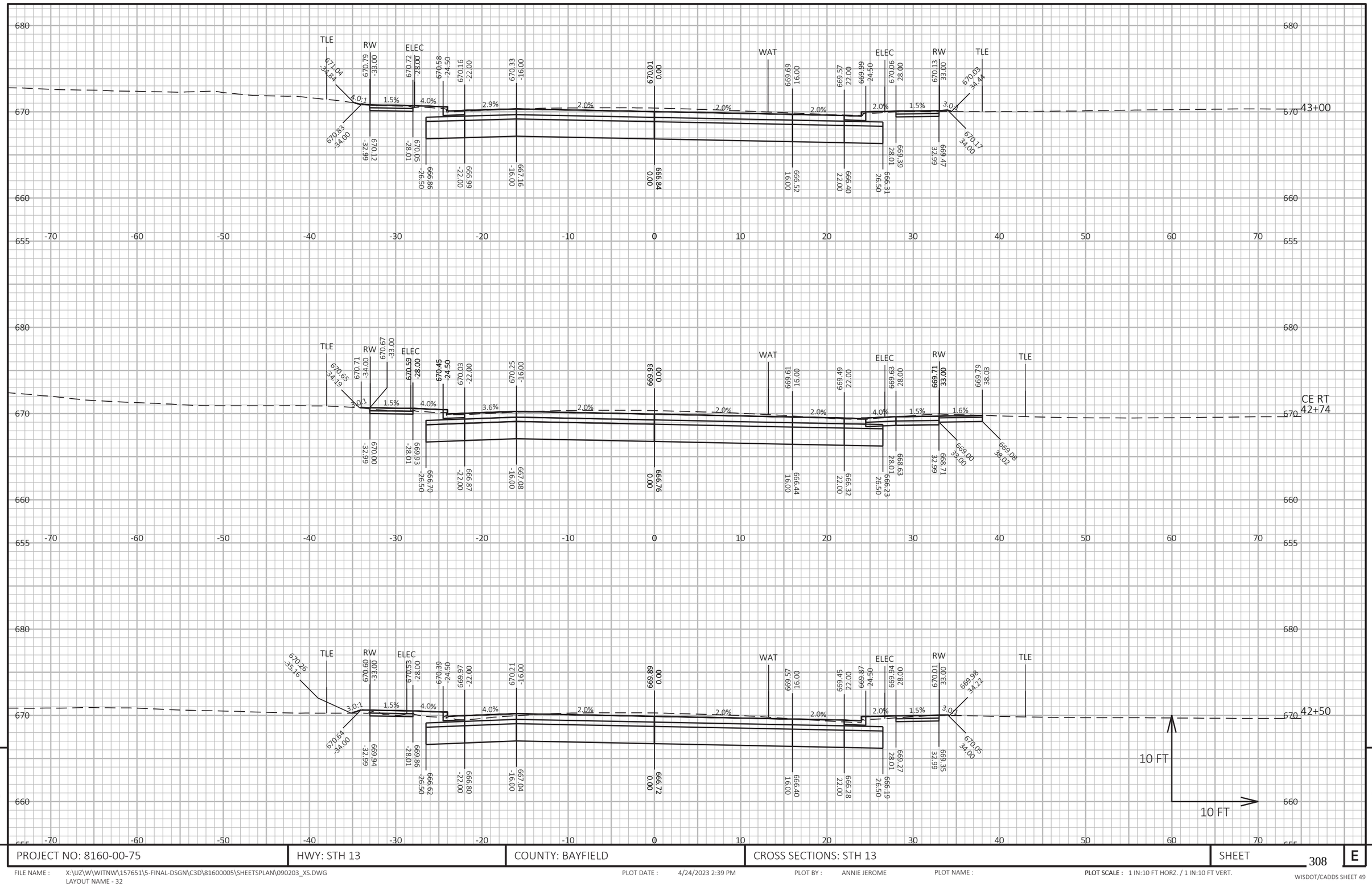


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 307 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 31

PLOT DATE : 4/24/2023 2:39 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 308	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 32

PLOT DATE : 4/24/2023 2:39 PM PLOT BY : ANNIE JEROME 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: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 309	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 33

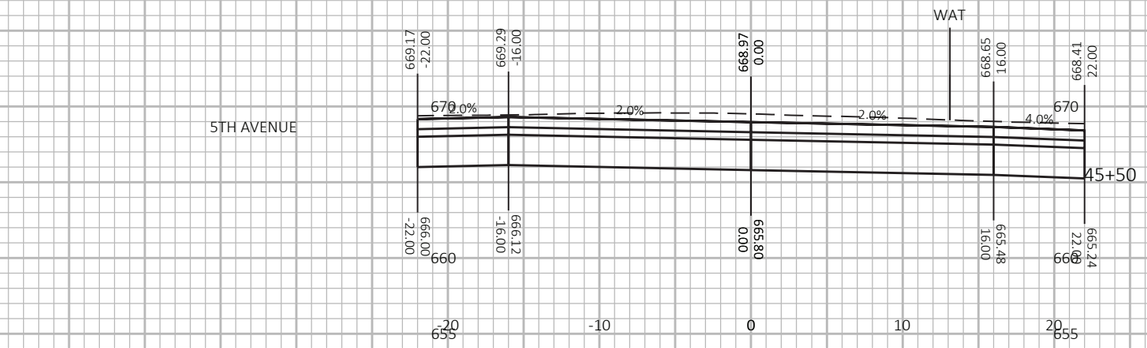
PLOT DATE : 4/24/2023 2:40 PM

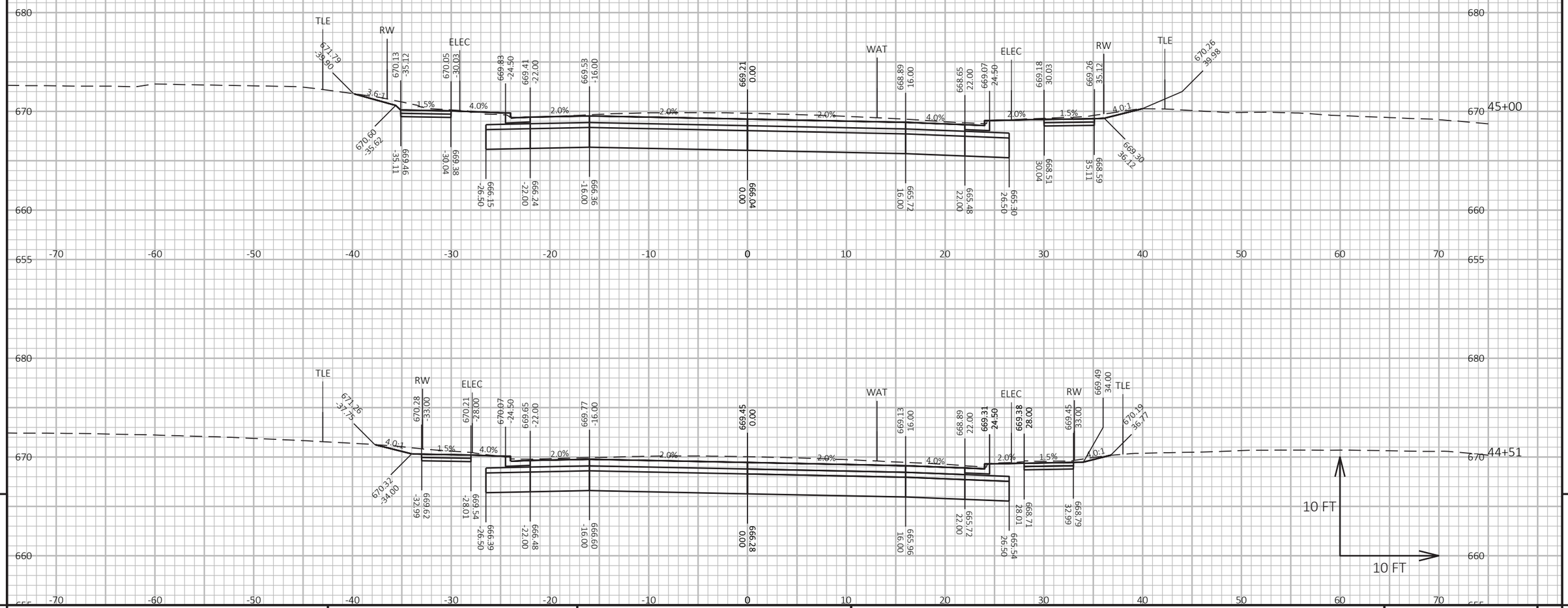
PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 310	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 34

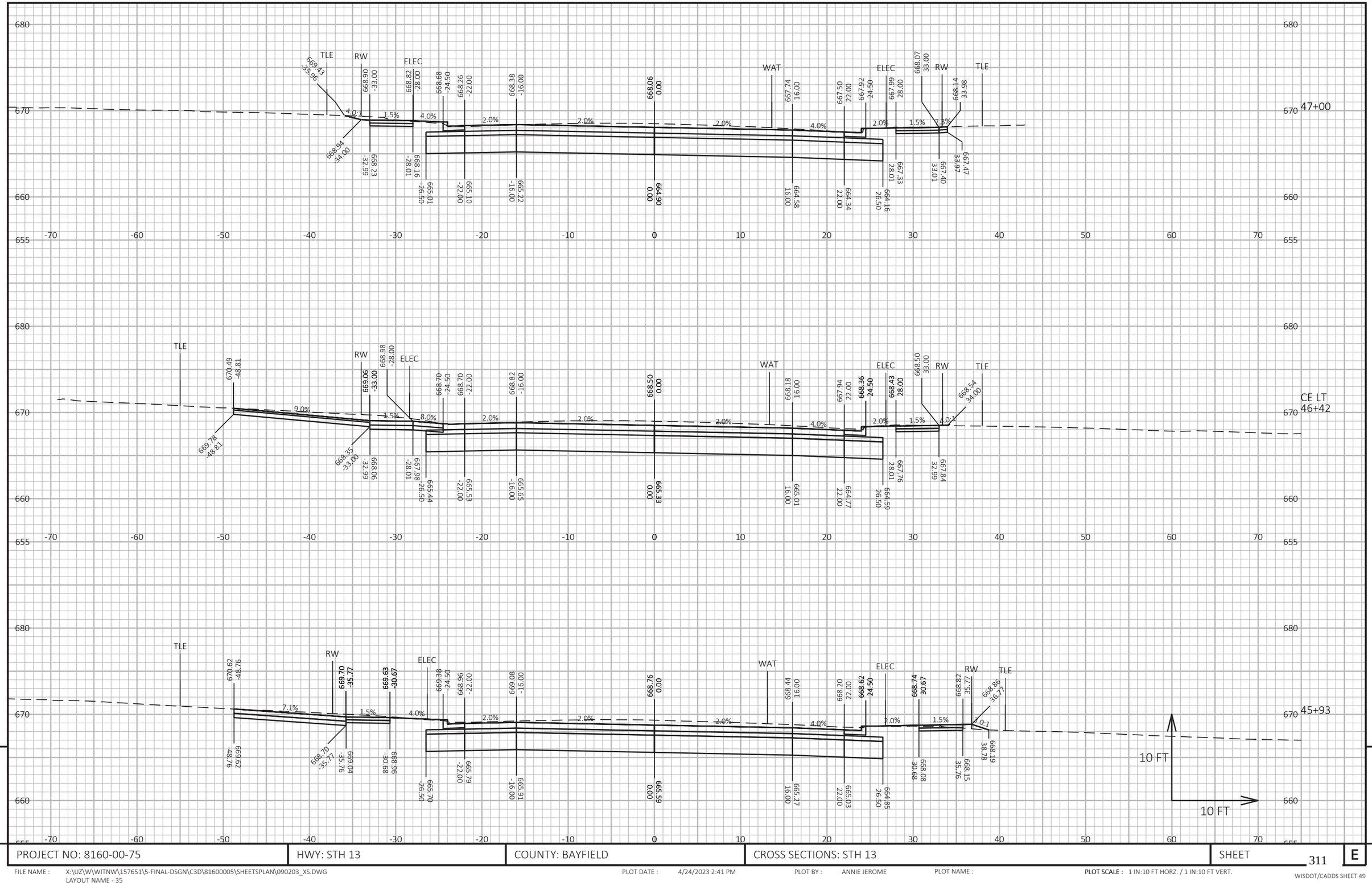
PLOT DATE : 4/24/2023 2:41 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

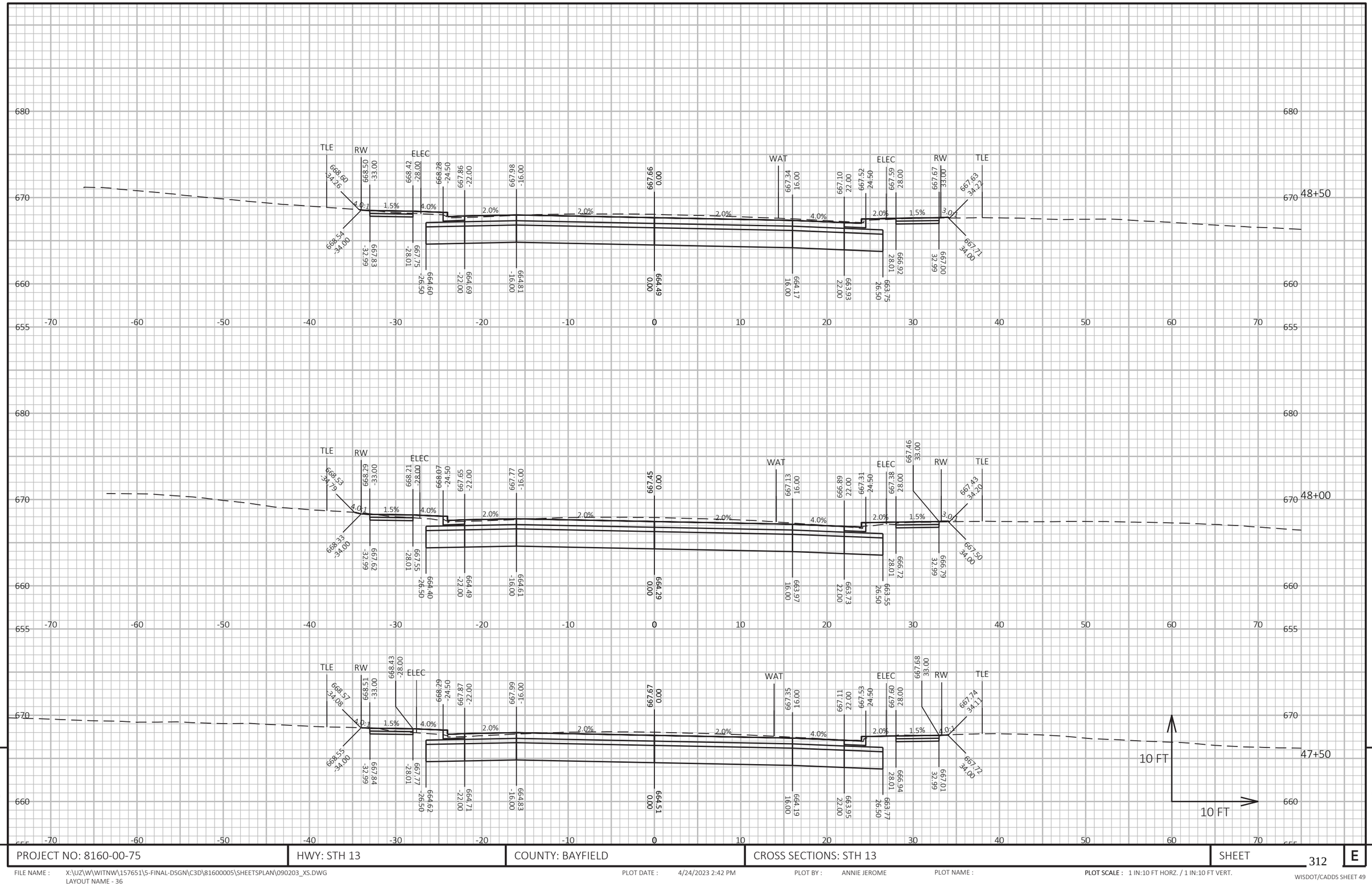


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 311 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 35

PLOT DATE : 4/24/2023 2:41 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 312	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 36

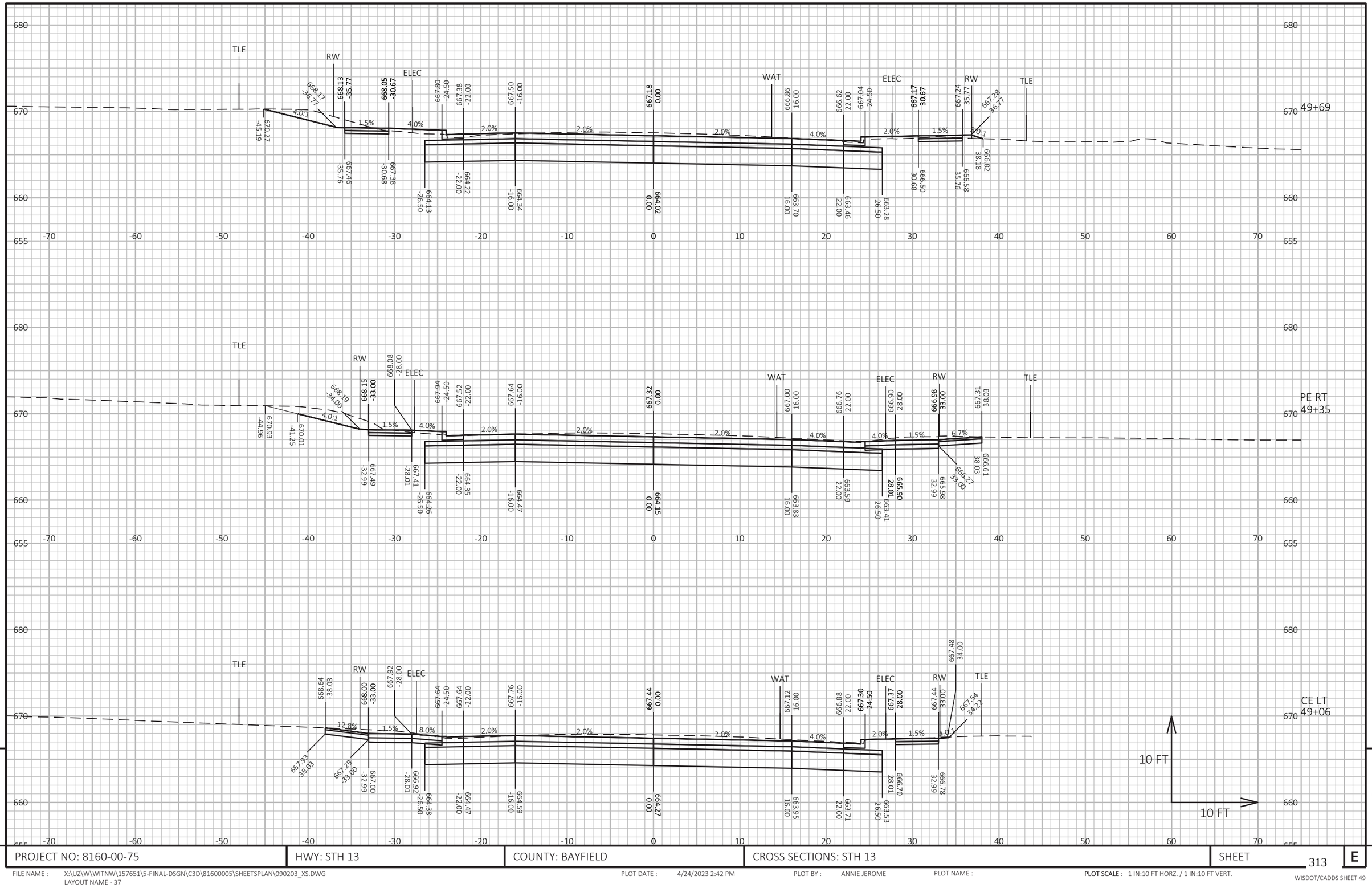
PLOT DATE : 4/24/2023 2:42 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 313	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 37

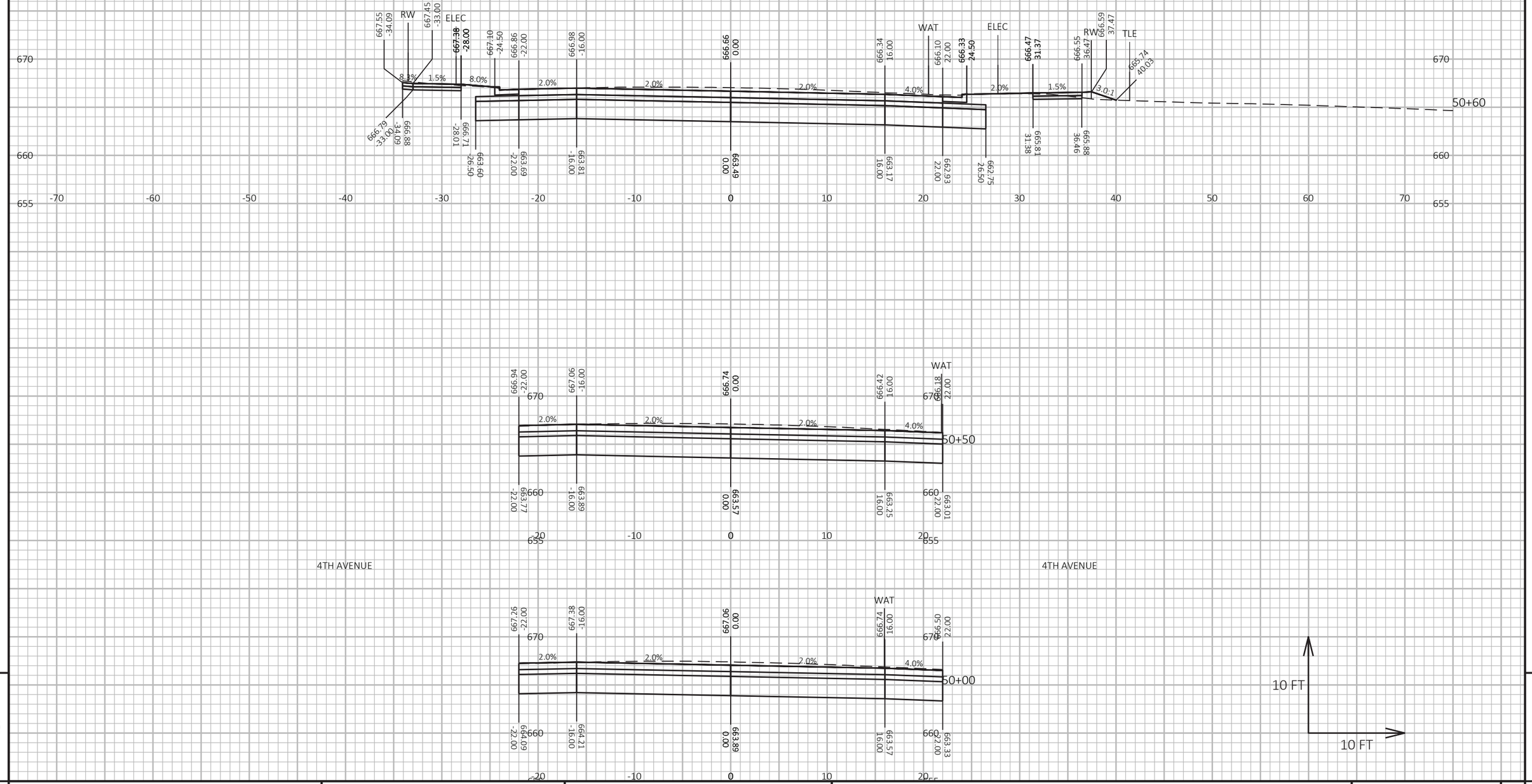
PLOT DATE : 4/24/2023 2:42 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

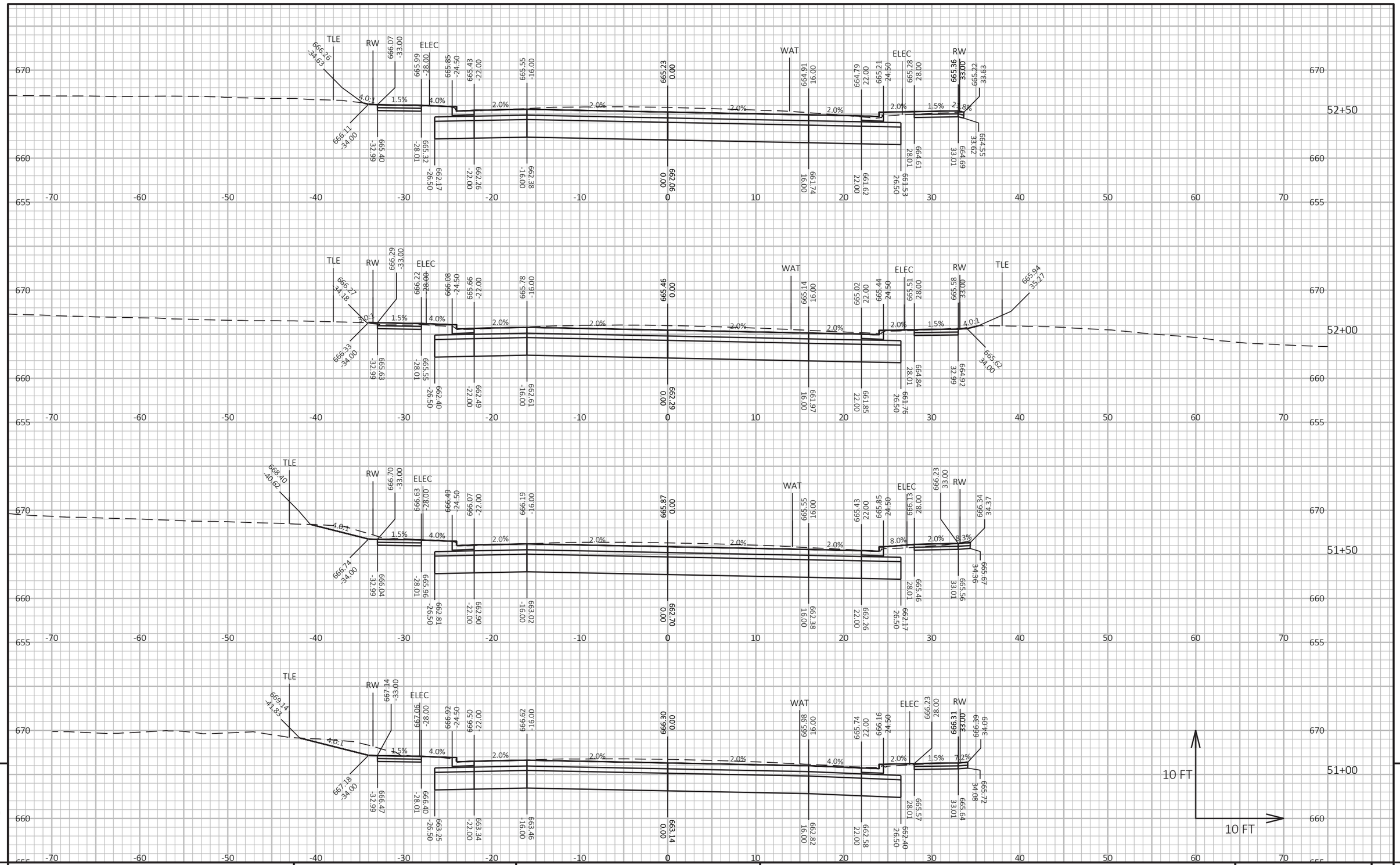
9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 314	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 38

PLOT DATE : 4/24/2023 2:43 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 315	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 39

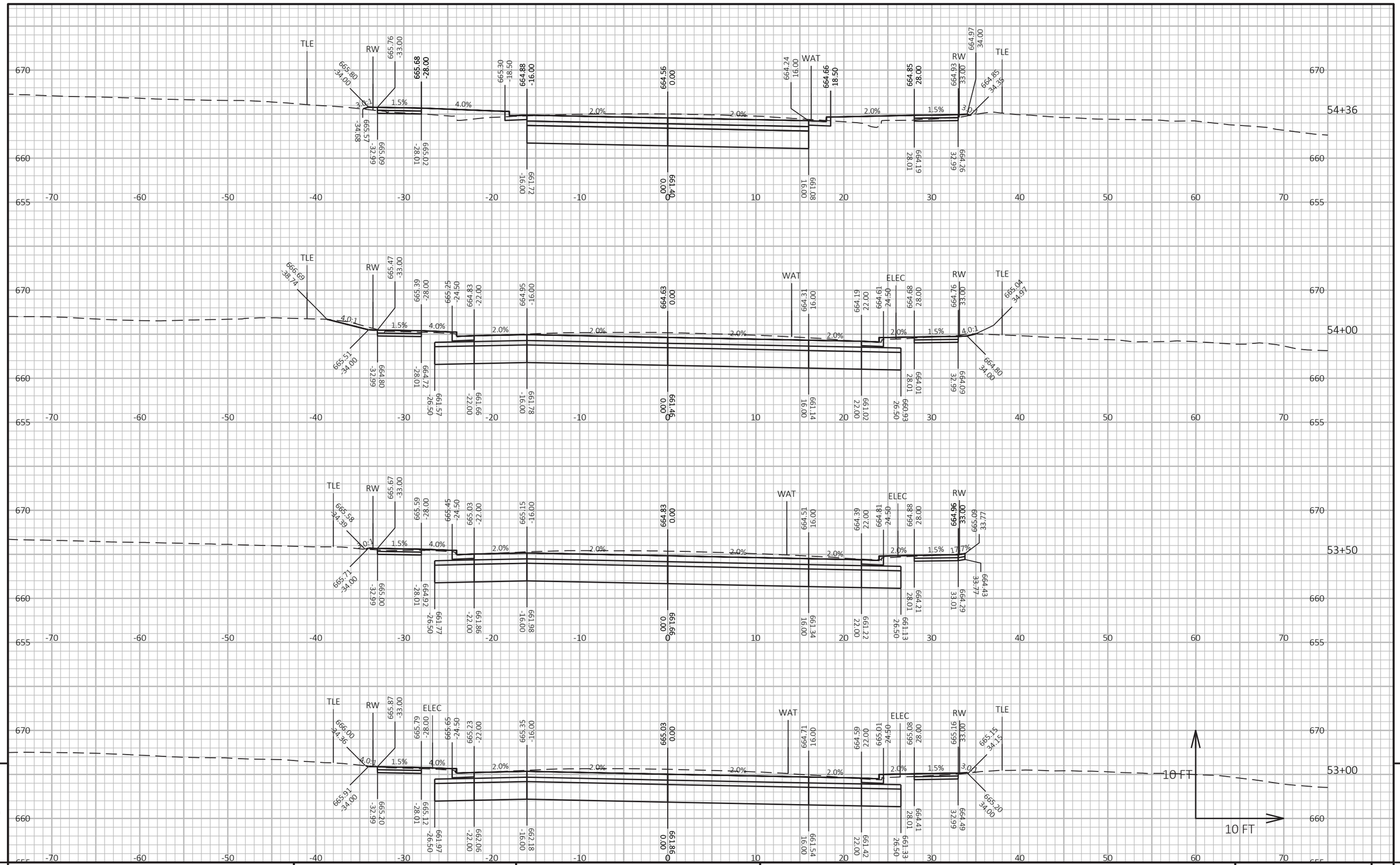
PLOT DATE : 4/24/2023 2:44 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 316	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 40

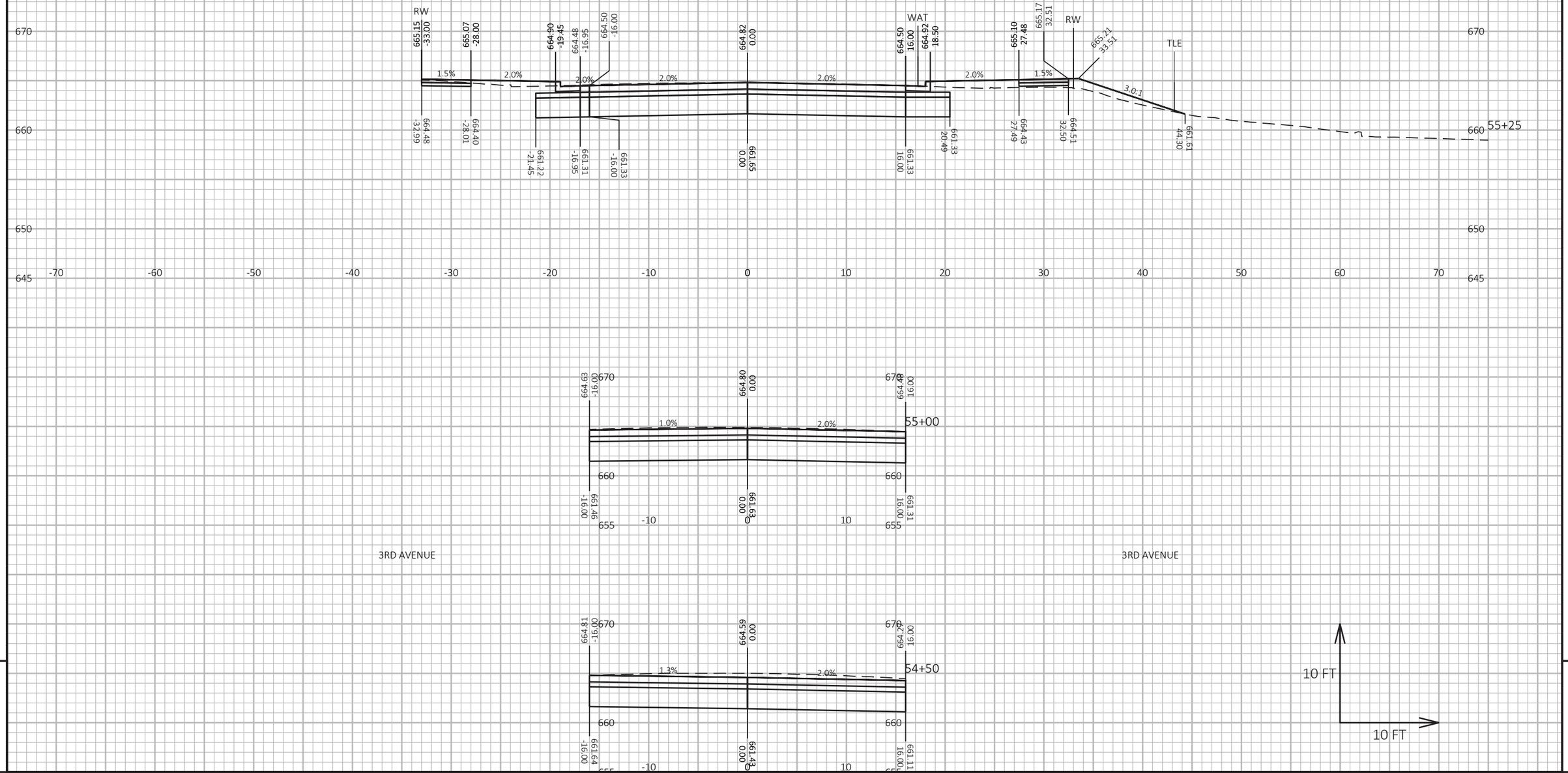
PLOT DATE : 4/24/2023 2:44 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

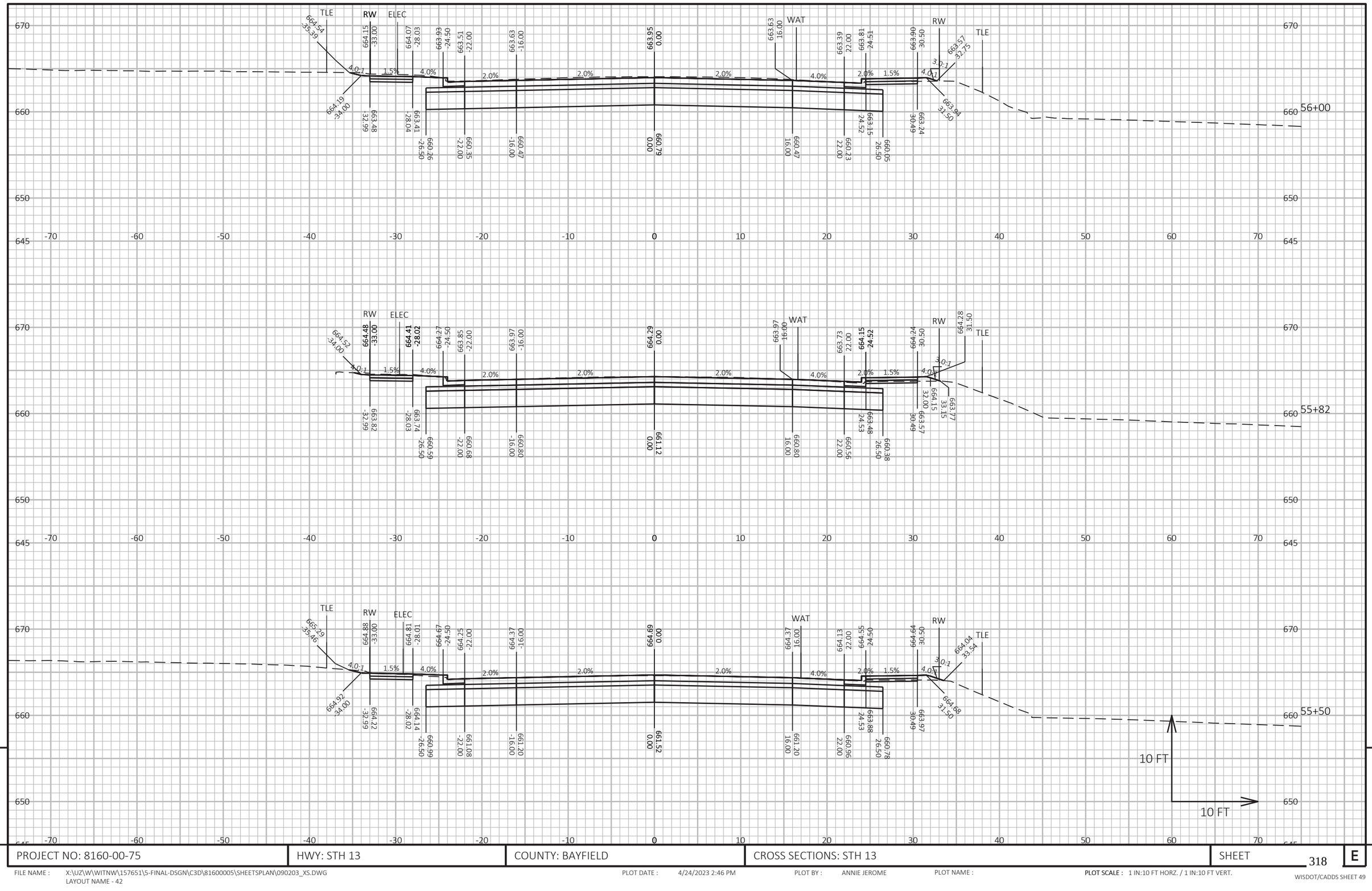


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 317	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 41

PLOT DATE : 4/24/2023 2:45 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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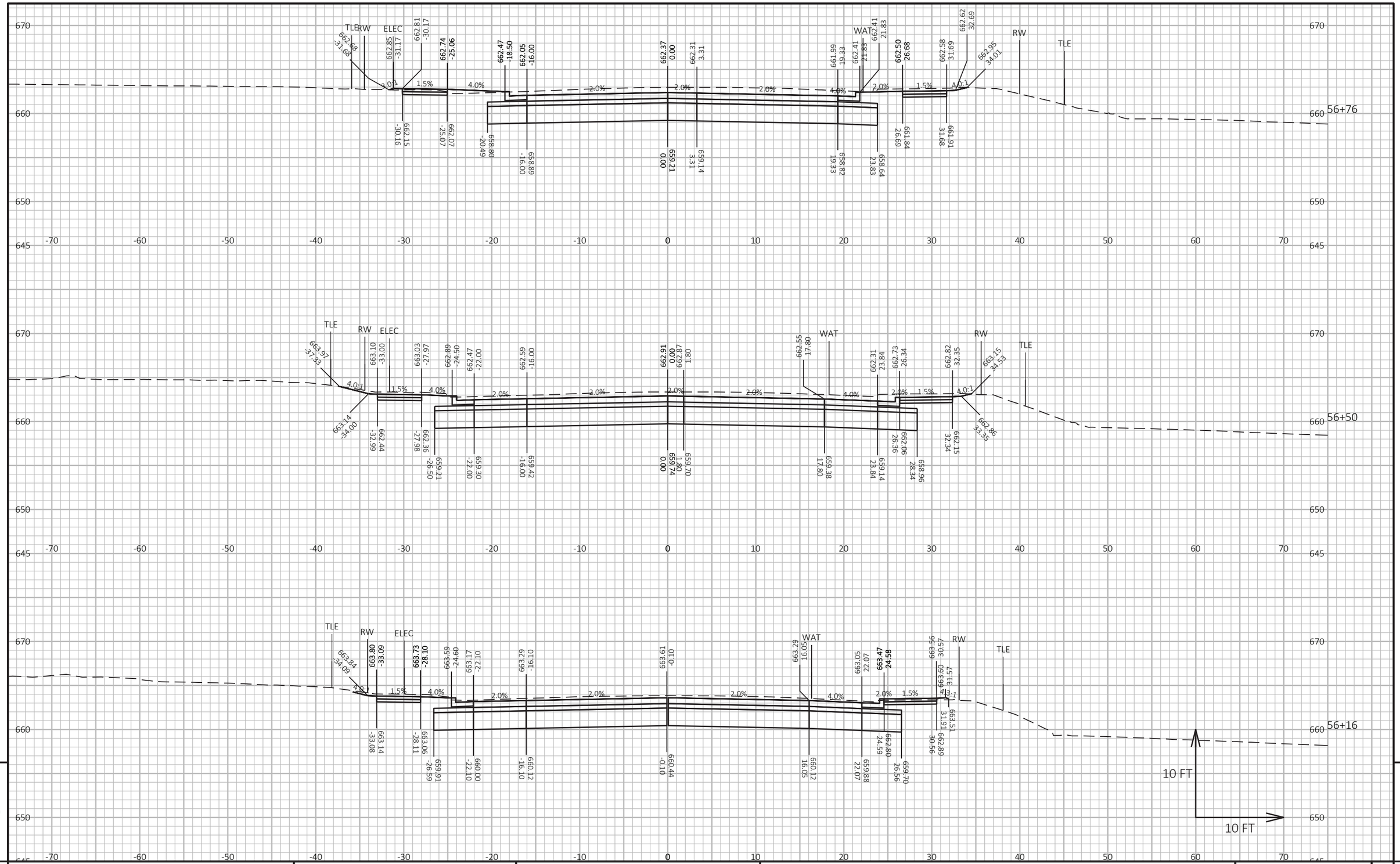
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 318	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 42

PLOT DATE : 4/24/2023 2:46 PM PLOT BY : ANNIE JEROME PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 319	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 43

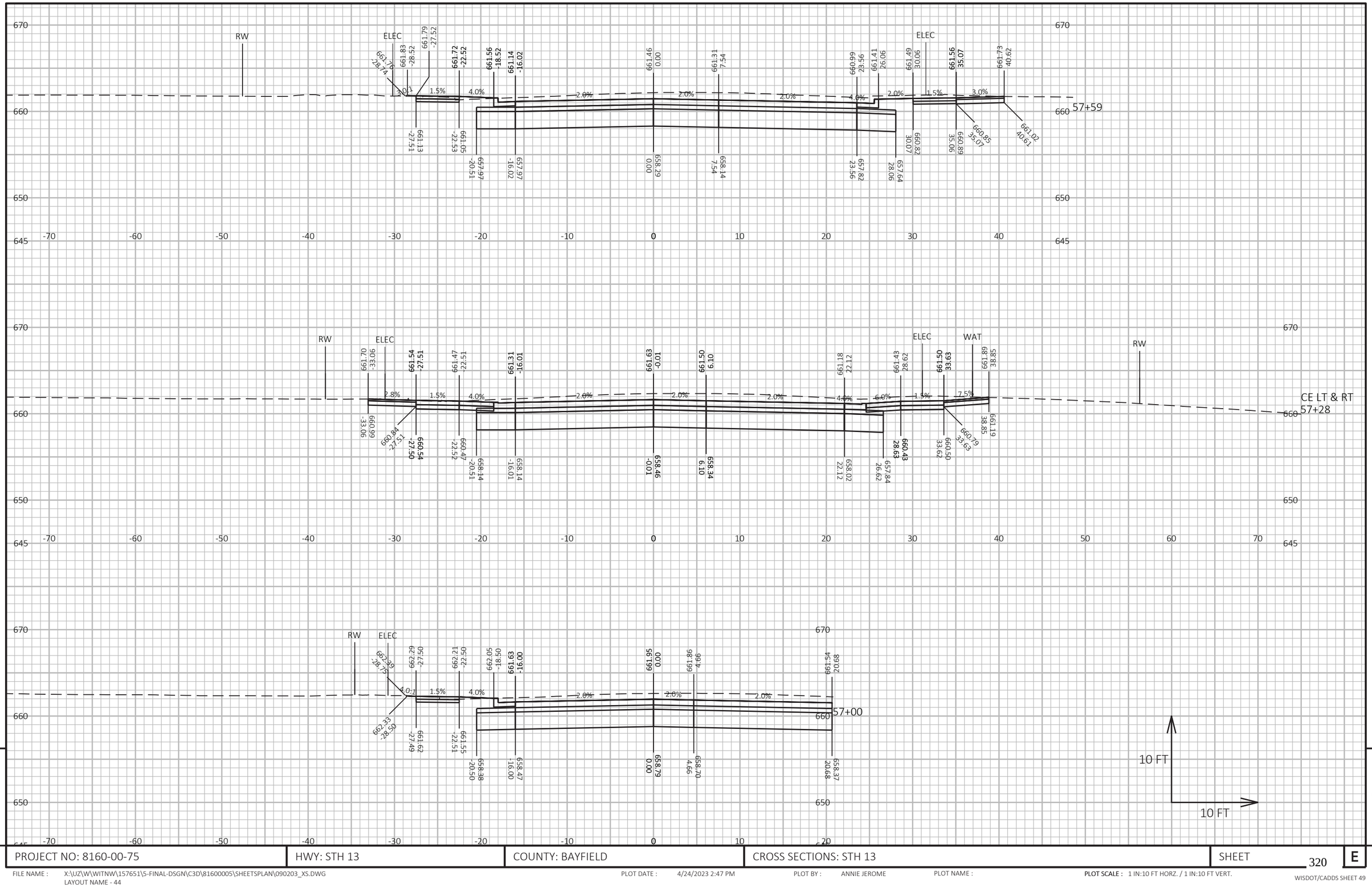
PLOT DATE : 4/24/2023 2:46 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 320	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 44

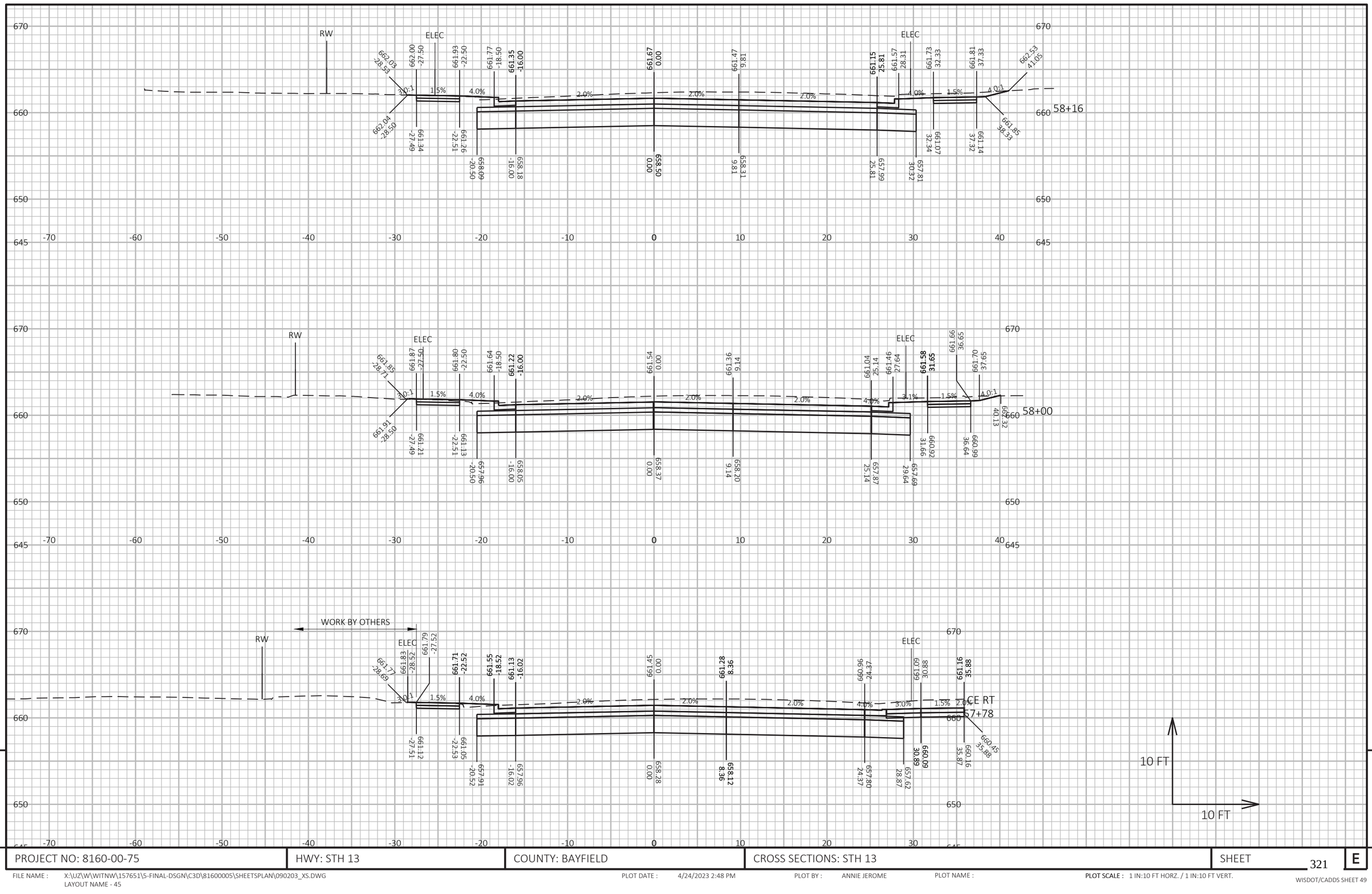
PLOT DATE : 4/24/2023 2:47 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

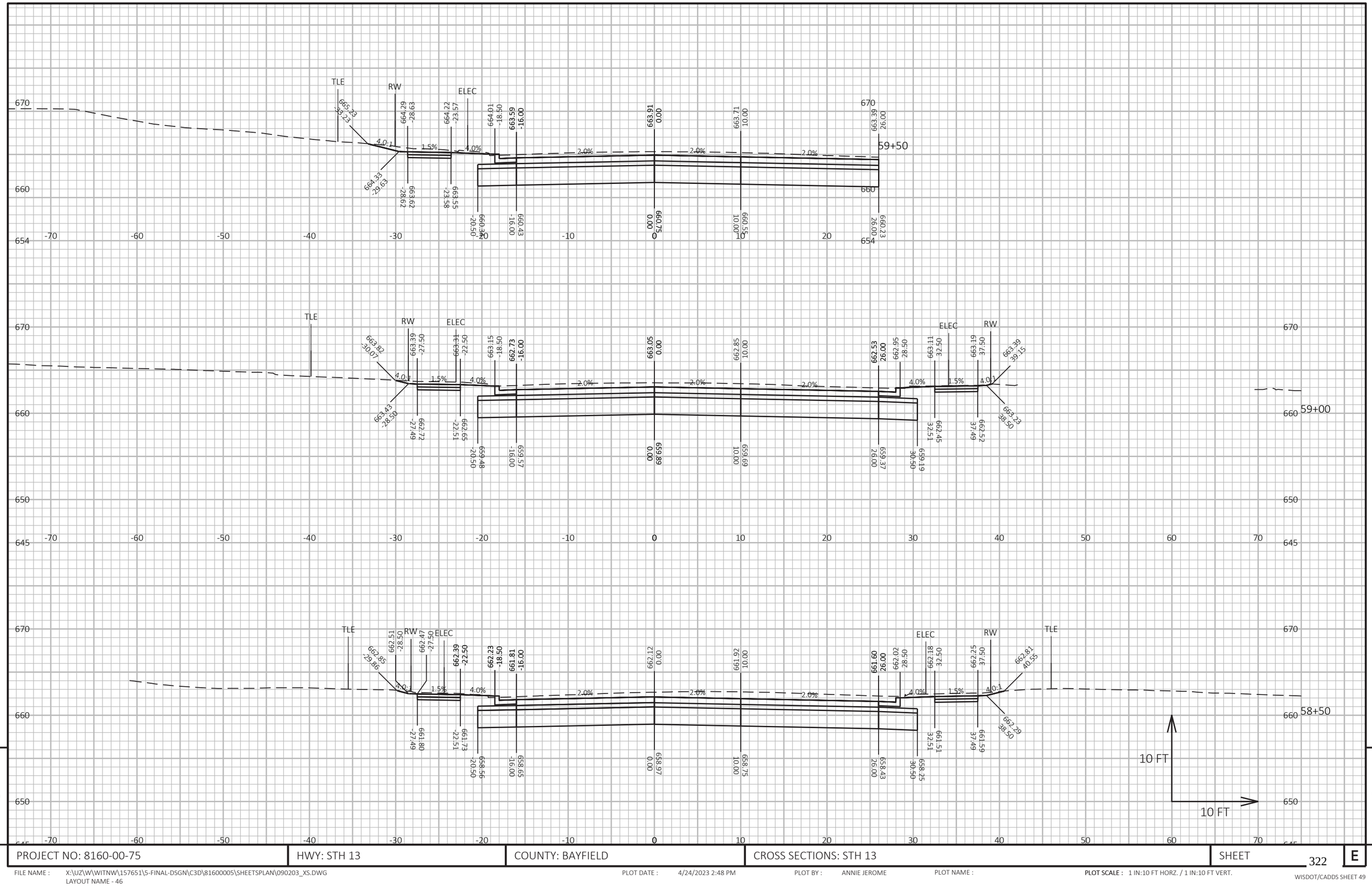
WISDOT/CADDS SHEET 49



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 321	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 45

PLOT DATE : 4/24/2023 2:48 PM PLOT BY : ANNIE JEROME PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 322	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 46

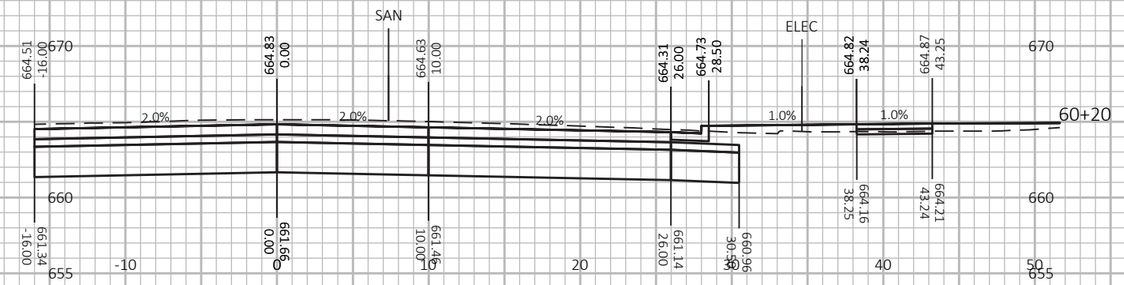
PLOT DATE : 4/24/2023 2:48 PM

PLOT BY : ANNIE JEROME

PLOT NAME :

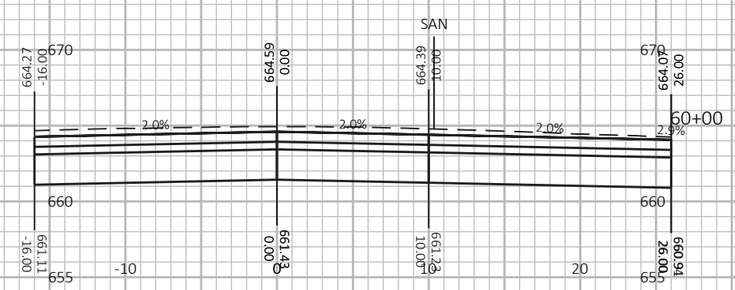
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

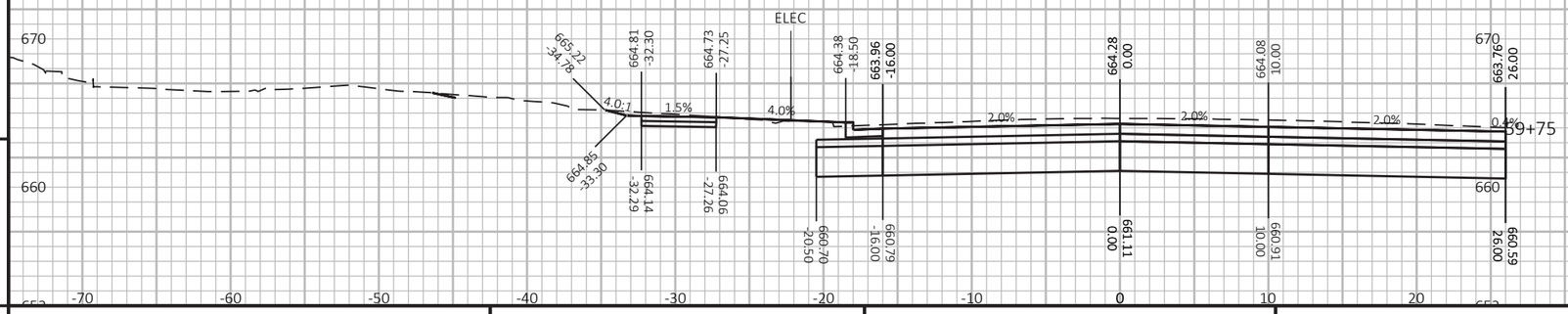
WISDOT/CADDS SHEET 49

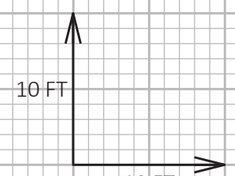


WASHINGTON AVENUE

WASHINGTON AVENUE







9

9

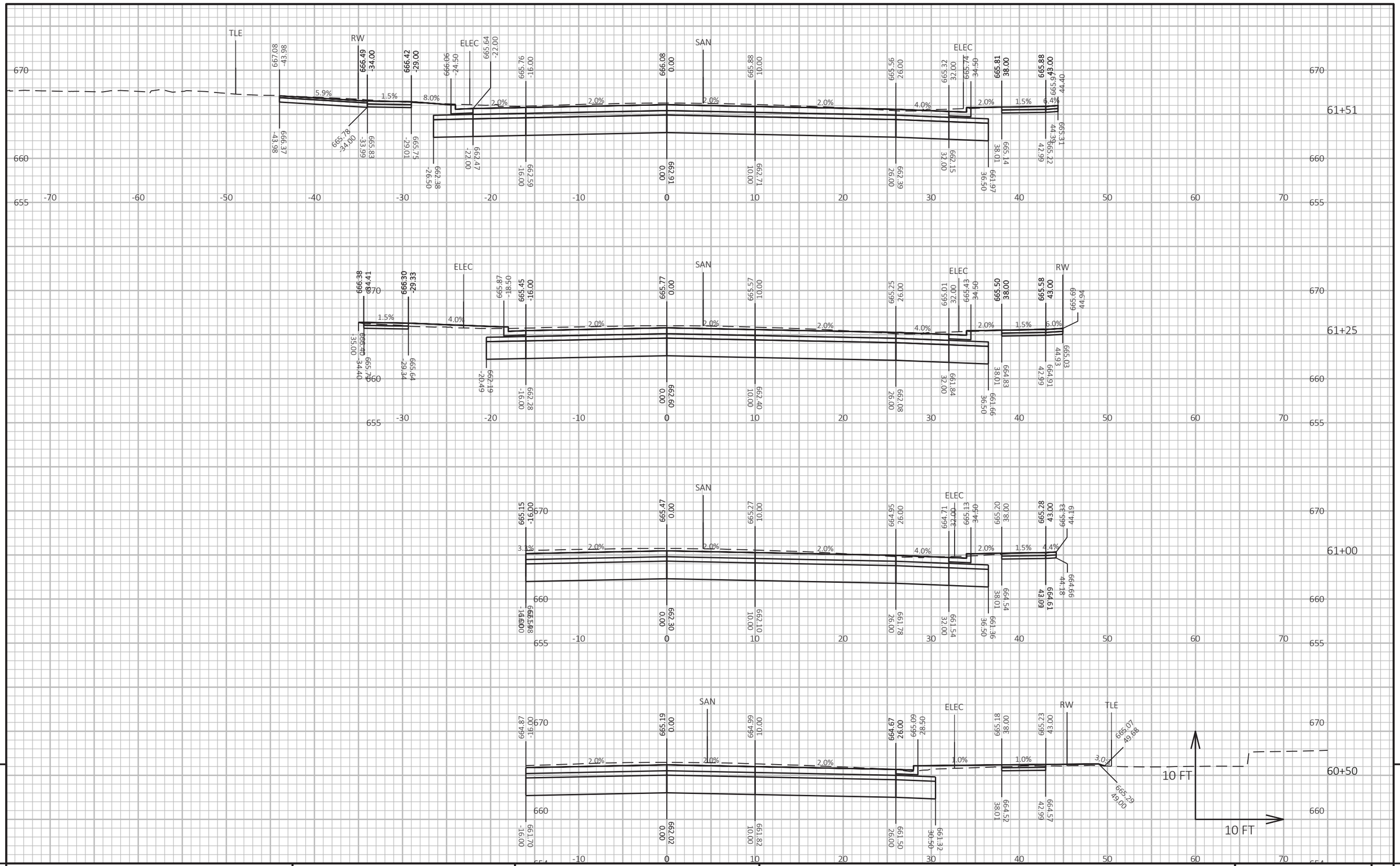
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 323	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 47

PLOT DATE : 4/24/2023 2:49 PM PLOT BY : ANNIE JEROME PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

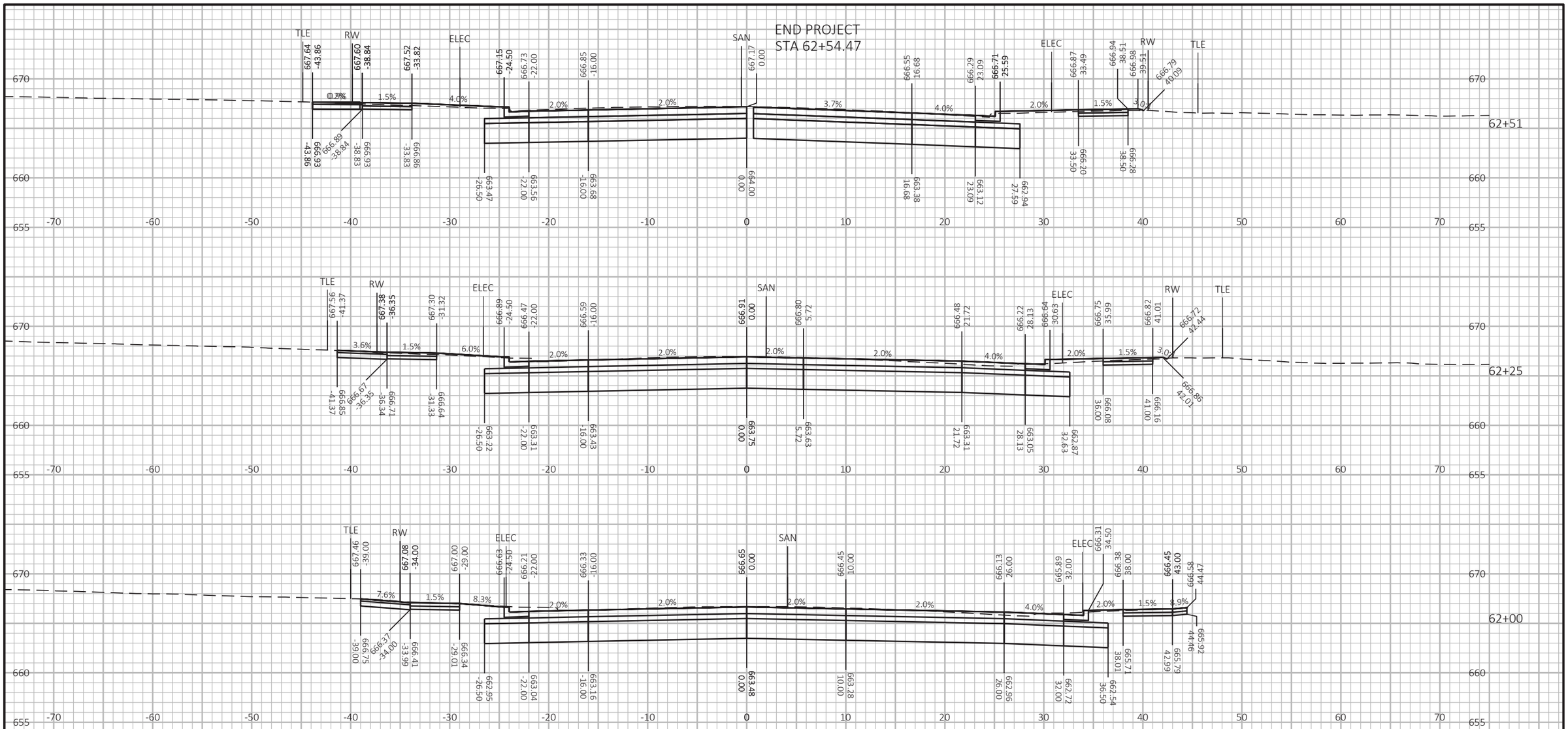
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 324	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 48

PLOT DATE : 5/18/2023 2:50 PM PLOT BY : ANNIE JEROME PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

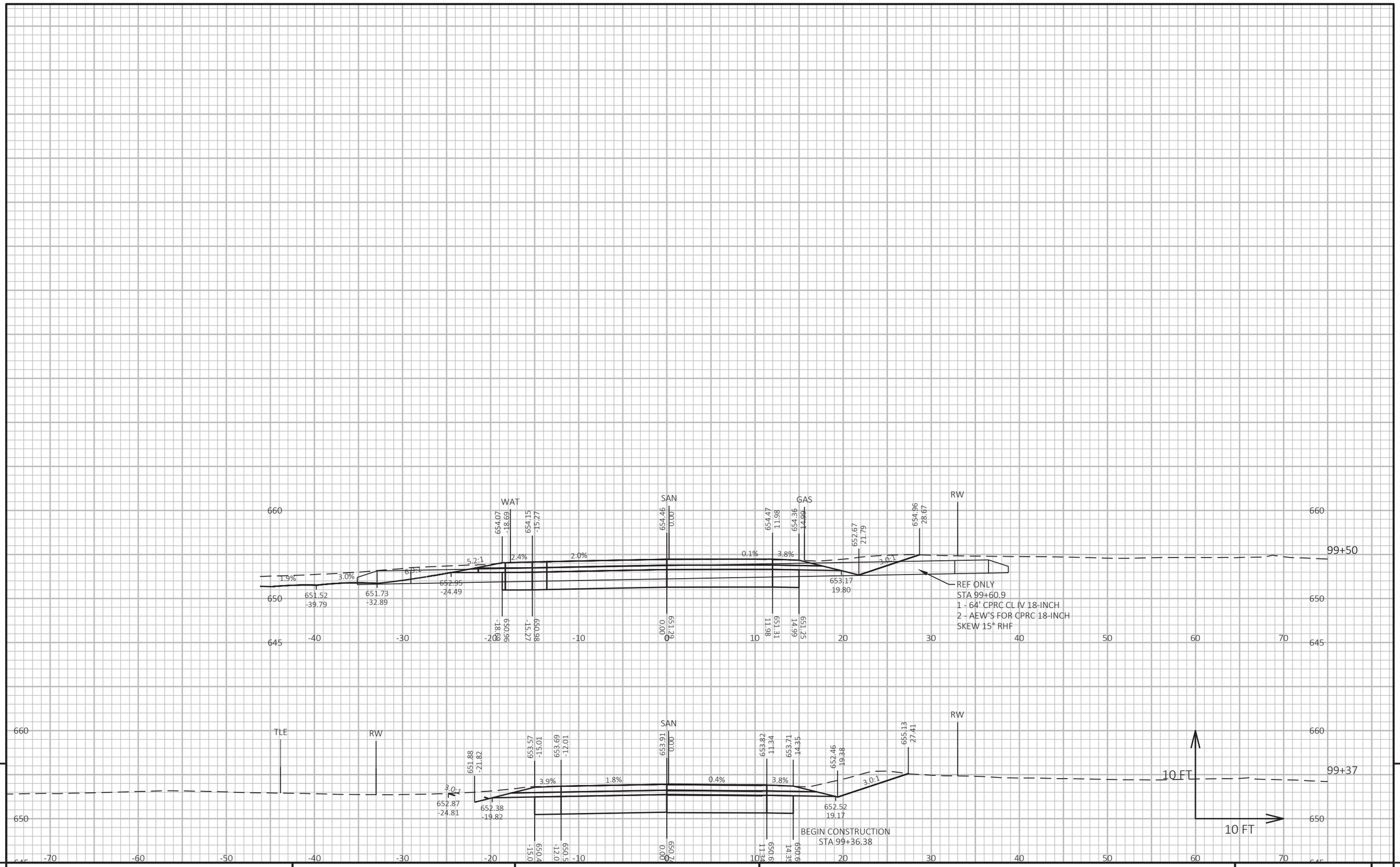
WISDOT/CADDS SHEET 49

END PROJECT
STA 62+54.47



PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET 325 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090203_XS.DWG
LAYOUT NAME - 49
PLOT DATE : 5/18/2023 2:51 PM
PLOT BY : ANNIE JEROME
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 11TH AVENUE	SHEET 326	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 11TH AVE S

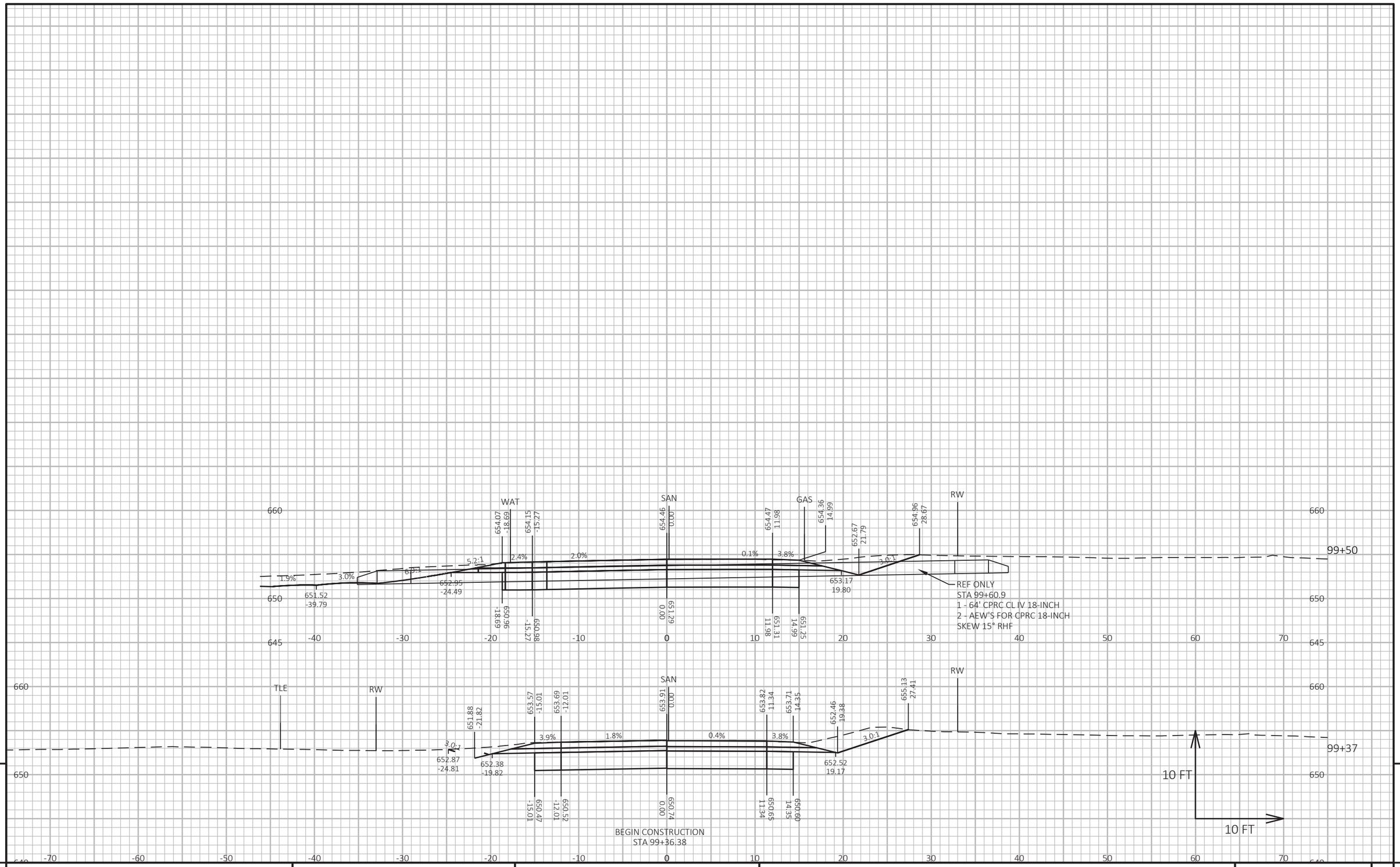
PLOT DATE : 5/1/2023 10:46 AM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 11TH AVENUE	SHEET 327	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 11TH AVE S

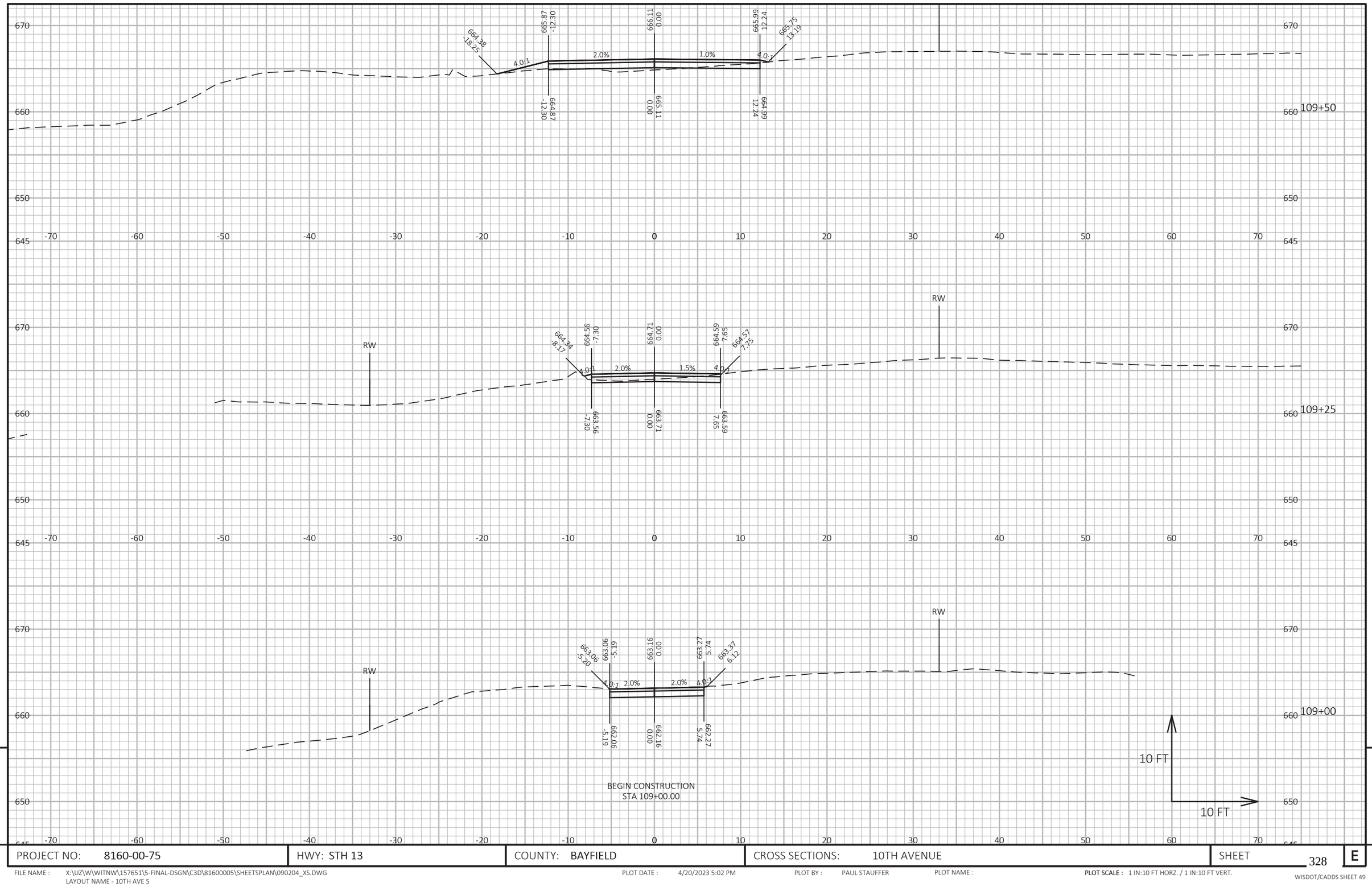
PLOT DATE : 6/23/2023 8:22 AM

PLOT BY : ANNIE JEROME

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

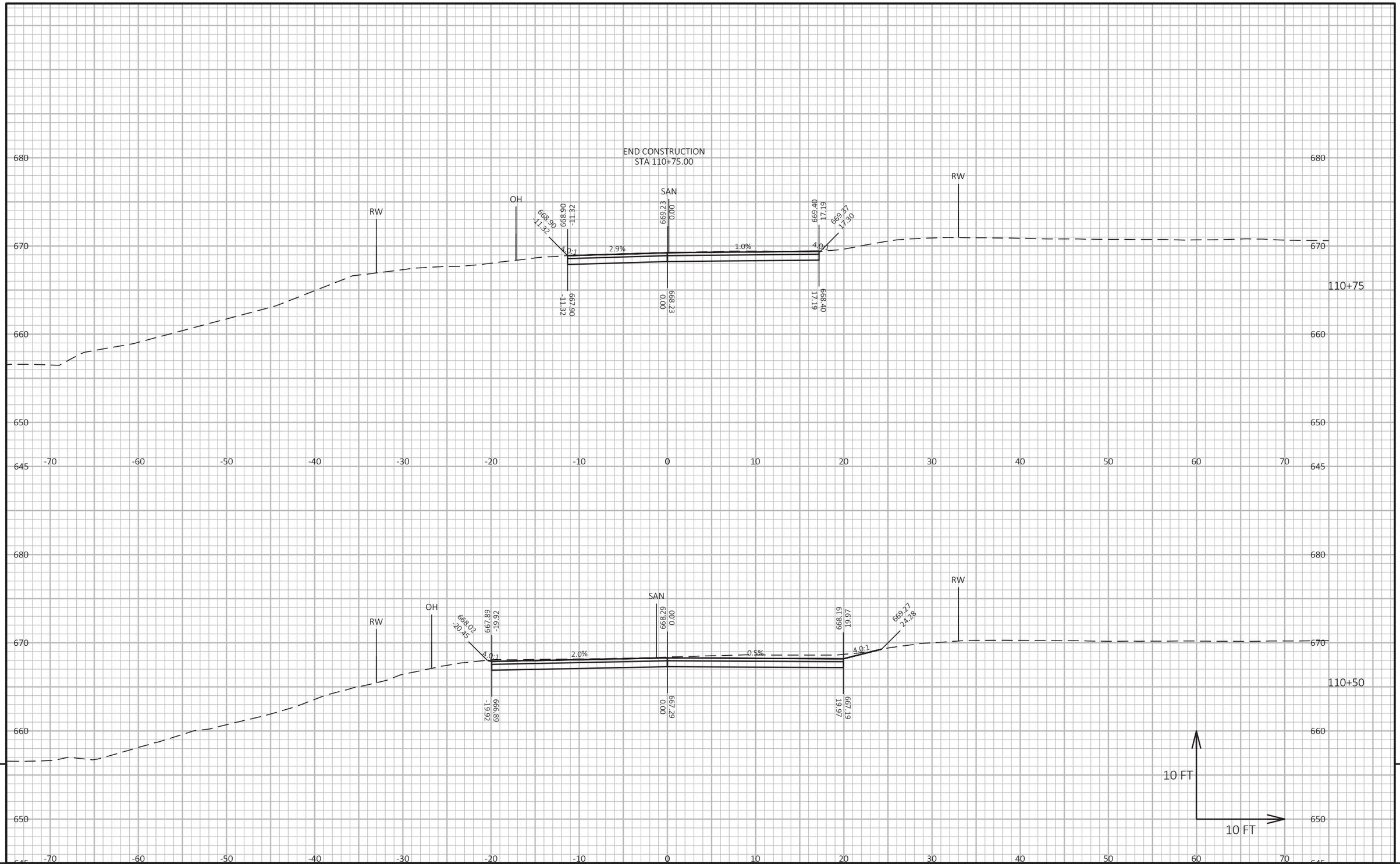


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 10TH AVENUE	SHEET 328 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 10TH AVE S

PLOT DATE : 4/20/2023 5:02 PM PLOT BY : PAUL STAUFFER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 10TH AVENUE	SHEET 329	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 10TH AVE N

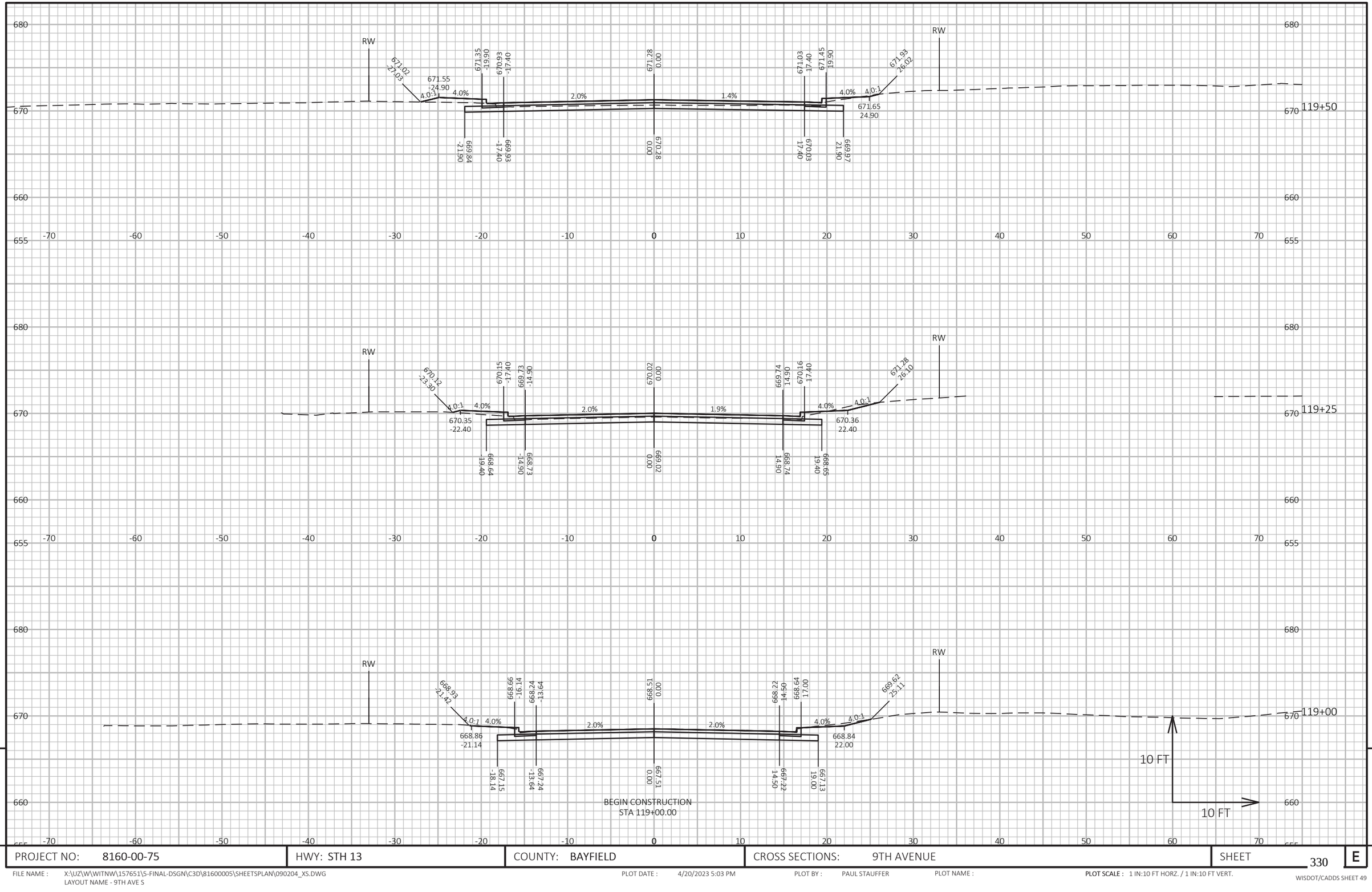
PLOT DATE : 4/20/2023 5:02 PM

PLOT BY : PAUL STAUFFER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

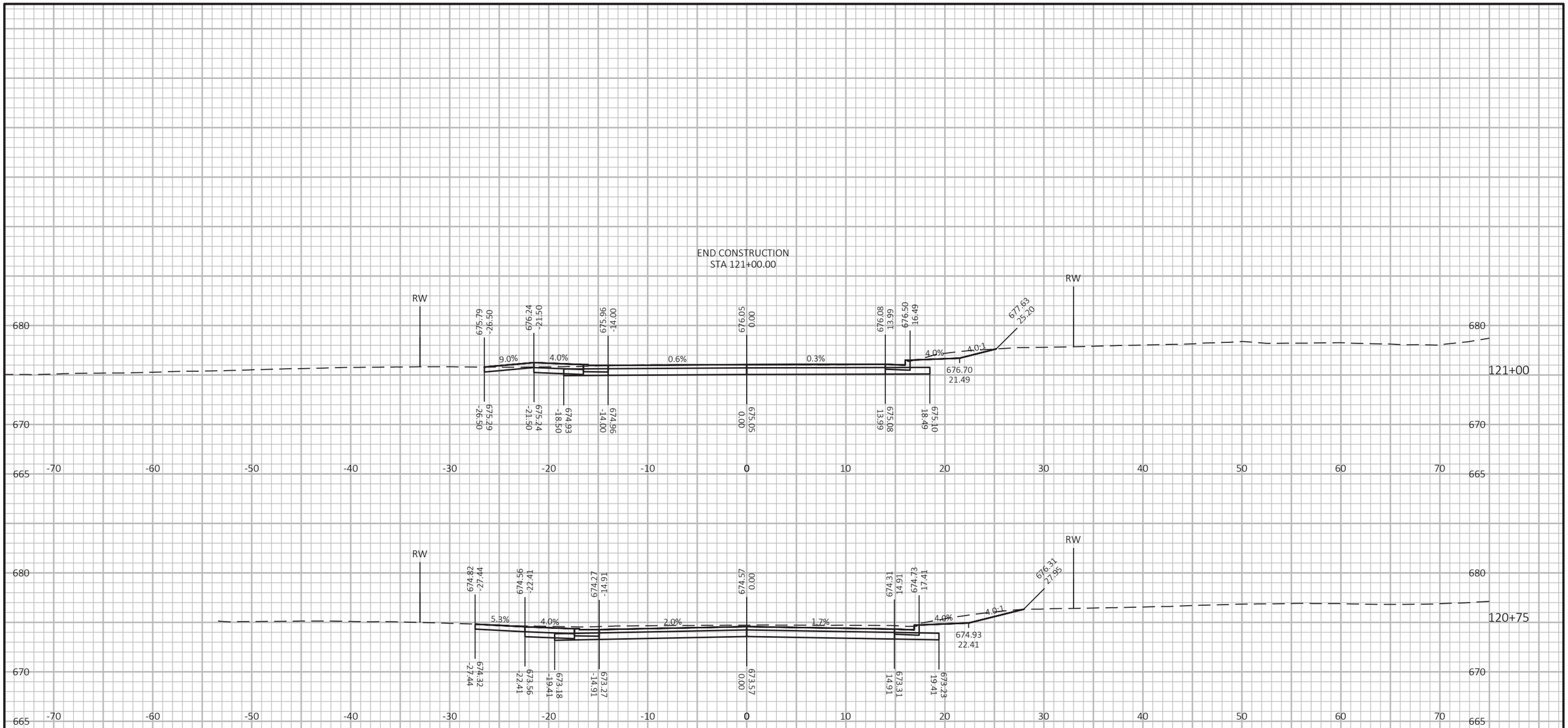


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 9TH AVENUE	SHEET 330 E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 9TH AVE S

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

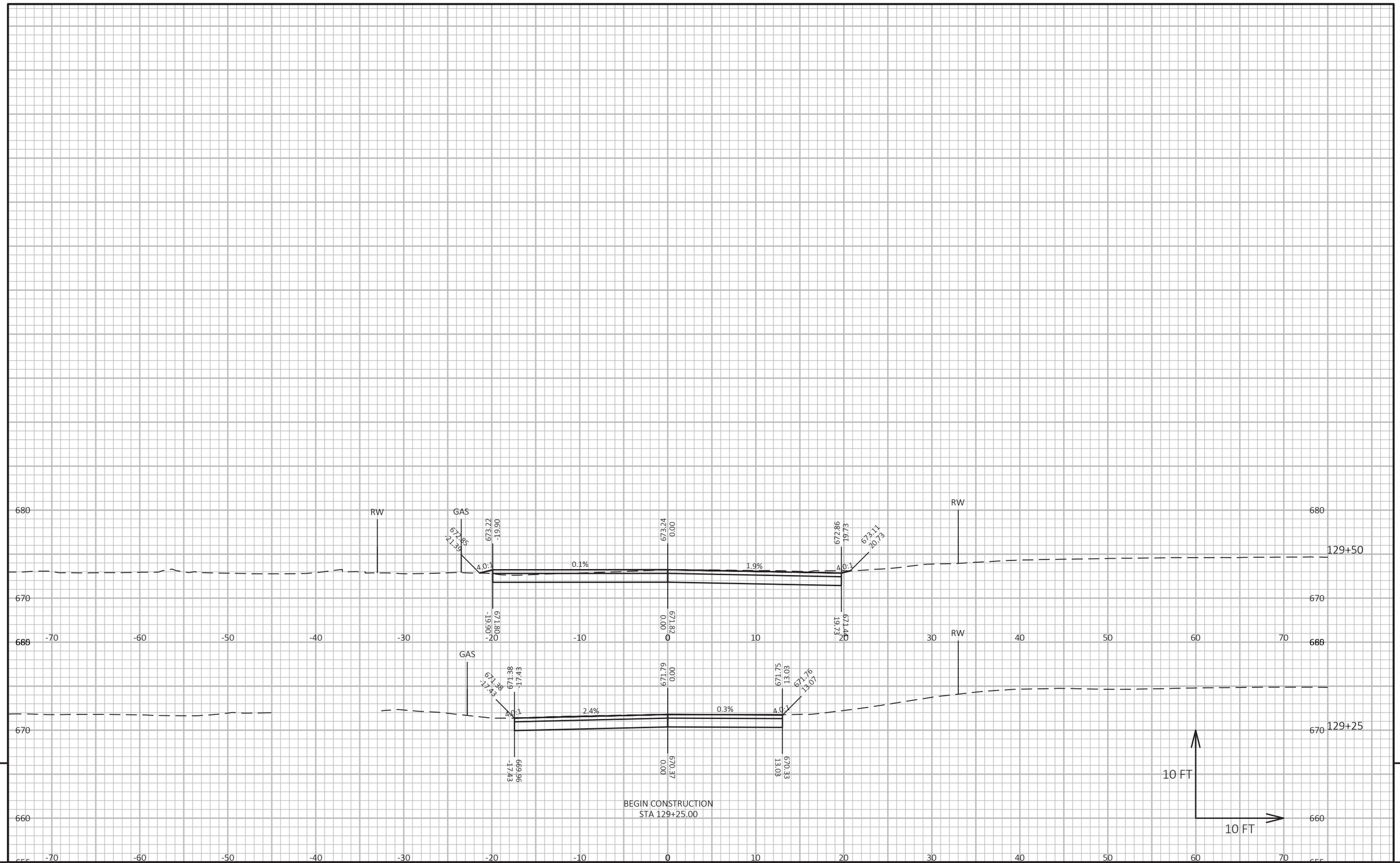


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 9TH AVENUE	SHEET 331	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 9TH AVE N

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

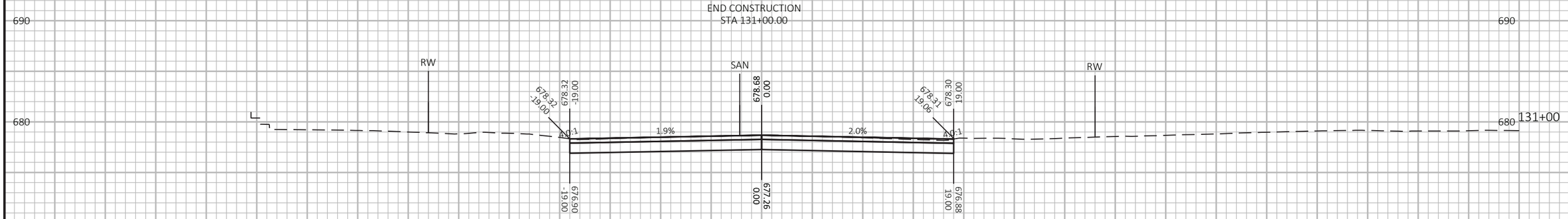
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 8TH AVENUE	SHEET 332	E

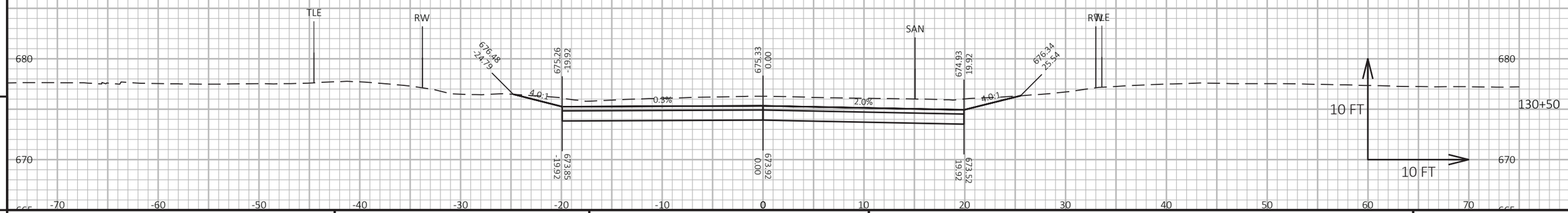
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 8TH AVE S

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

END CONSTRUCTION
STA 131+00.00



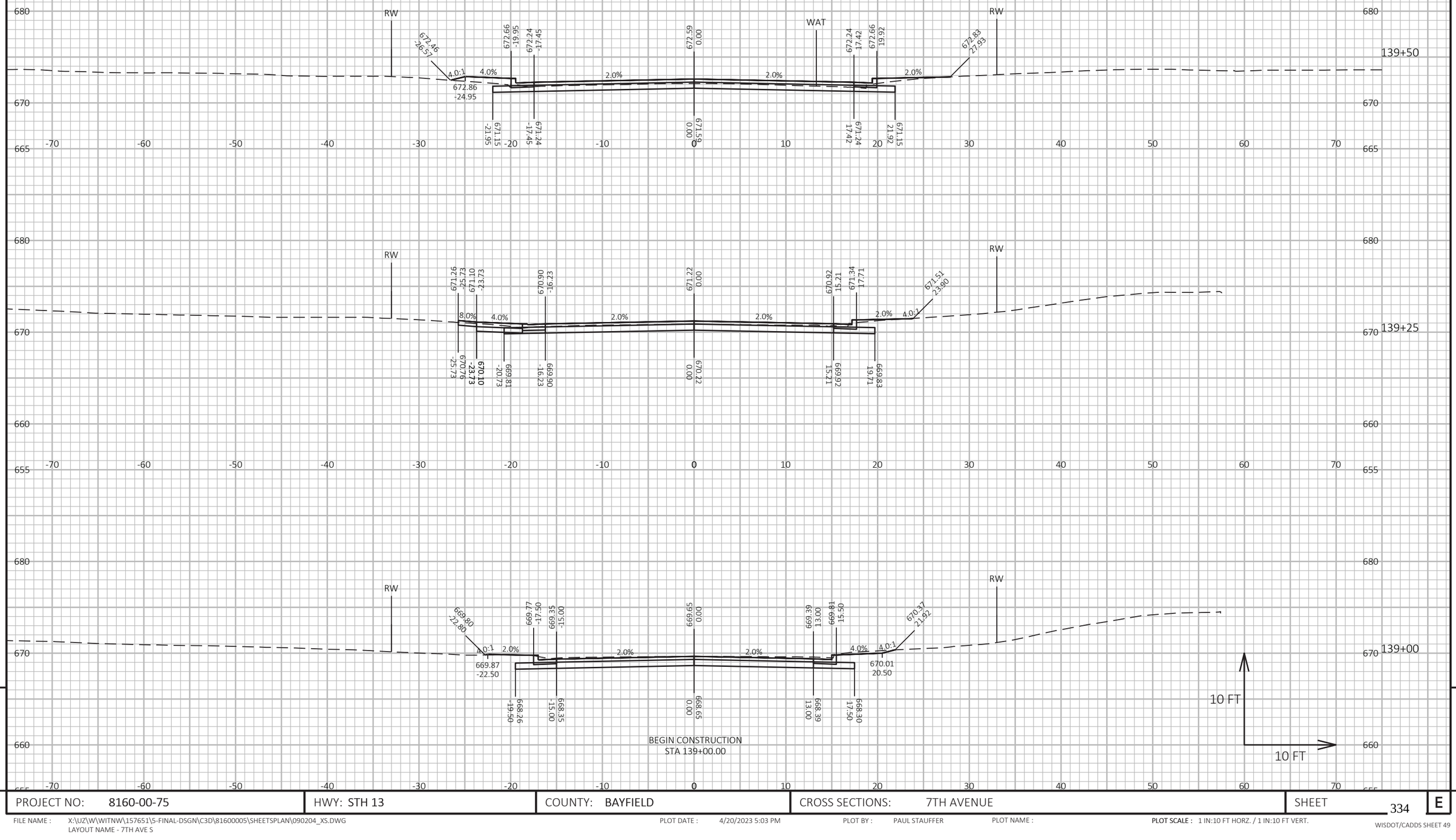


PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 8TH AVENUE	SHEET 333	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 8TH AVE N

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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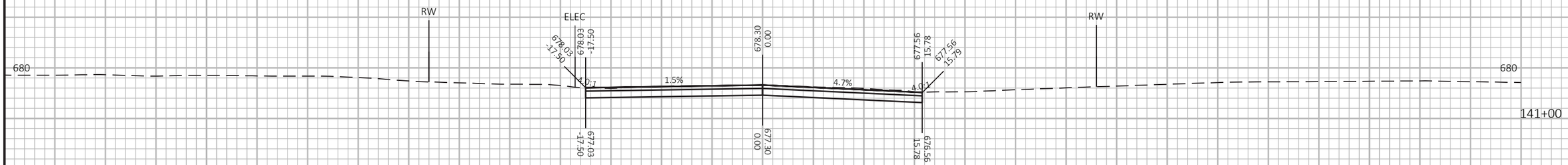
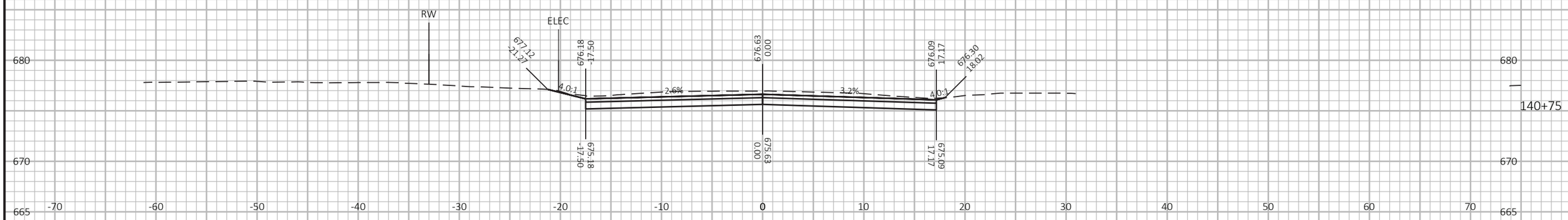
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 7TH AVENUE	SHEET 334	E

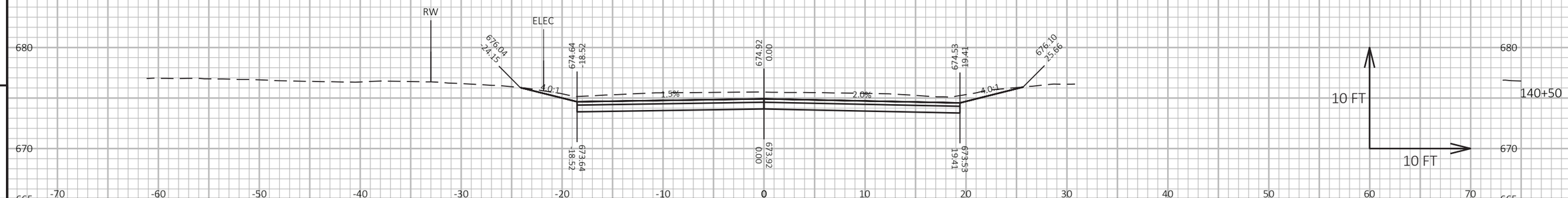
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 7TH AVE S

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

END CONSTRUCTION
STA 141+00.00







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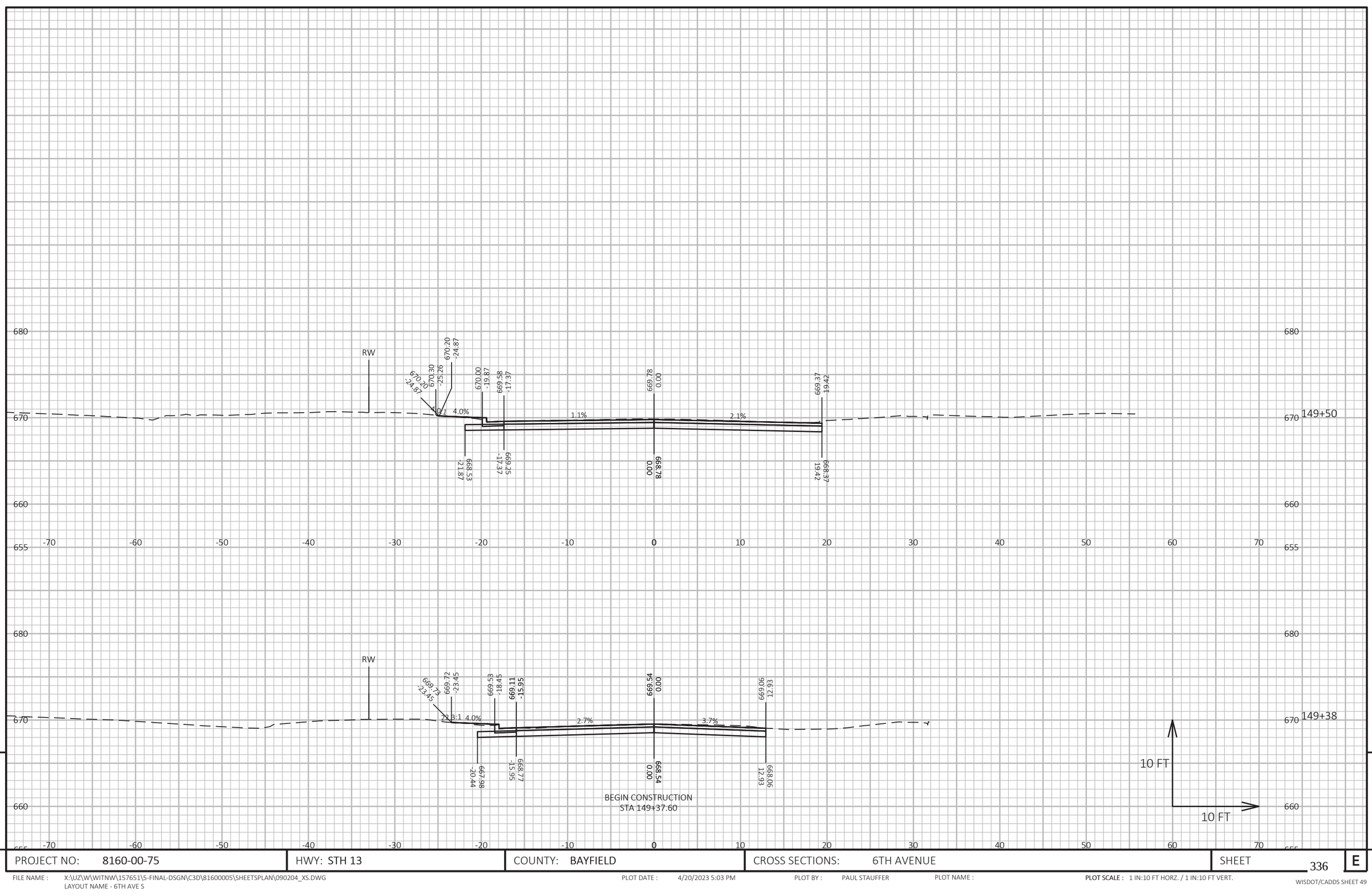
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 7TH AVENUE	SHEET 335	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 7TH AVE N

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



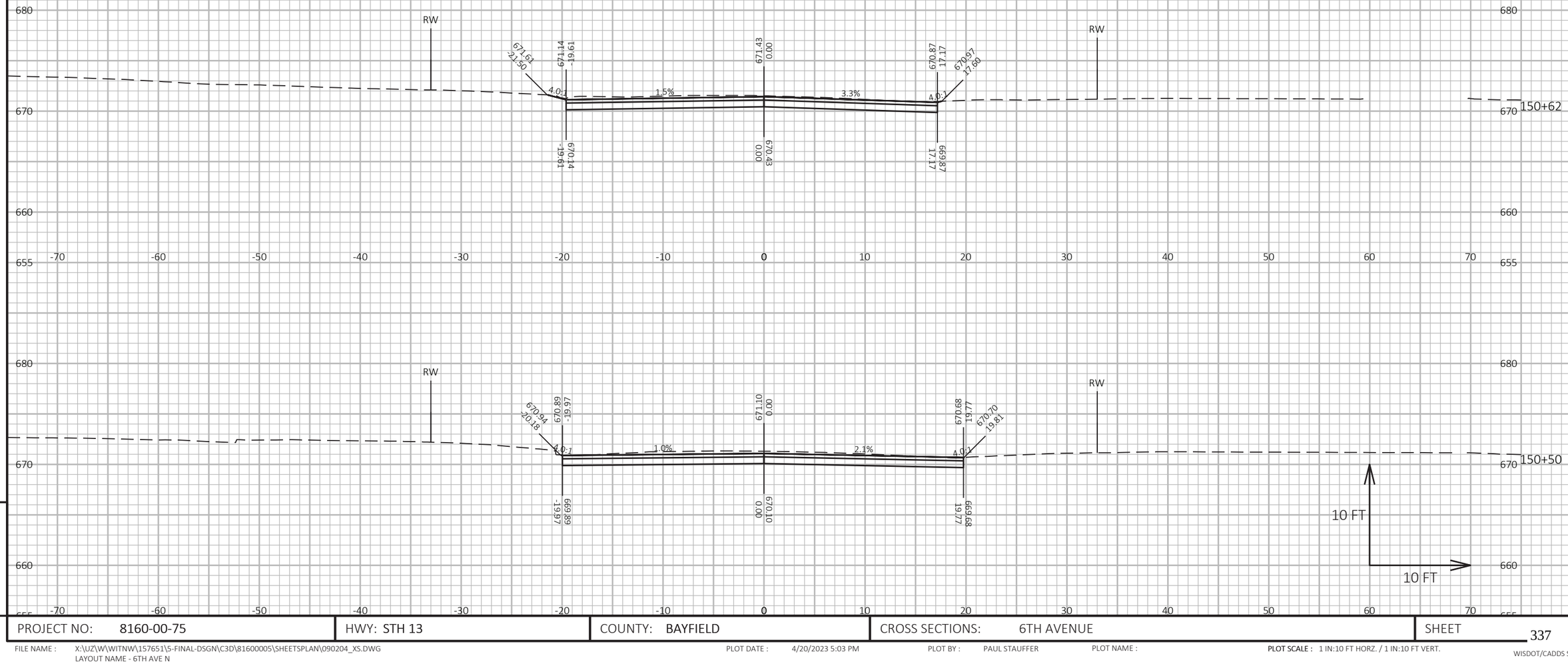
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 6TH AVENUE	SHEET 336	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 6TH AVE S

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

END CONSTRUCTION
STA 150+62.23



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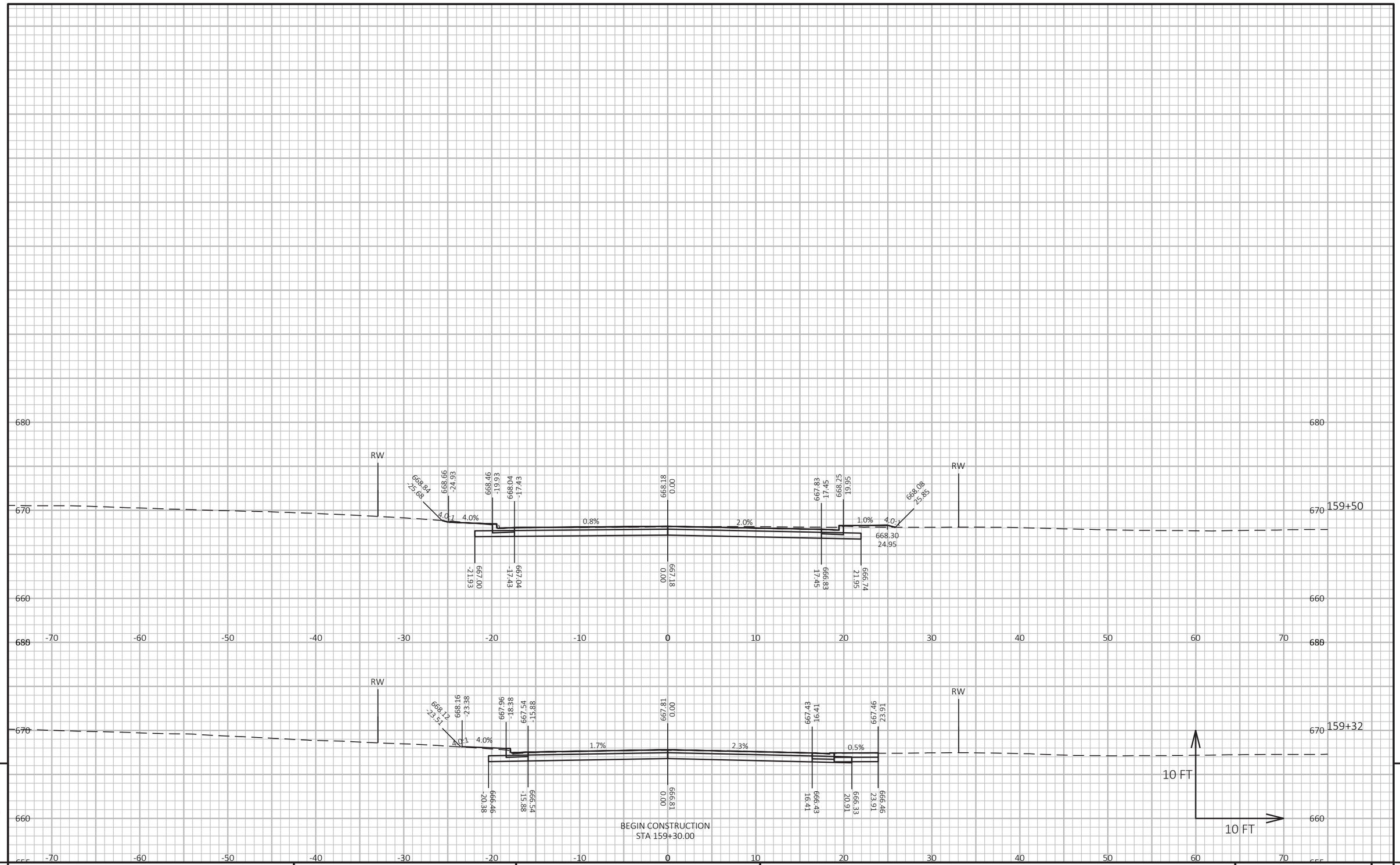
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 6TH AVENUE	SHEET 337	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 6TH AVE N

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 5TH AVENUE	SHEET 338	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 5TH AVE S

PLOT DATE : 4/20/2023 5:03 PM

PLOT BY : PAUL STAUFFER

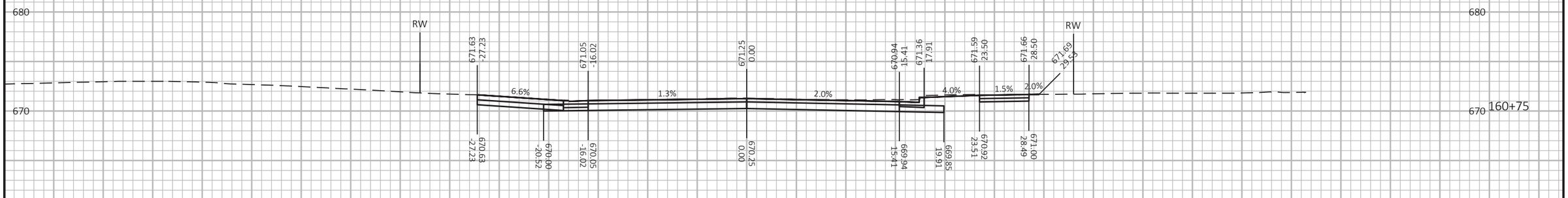
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

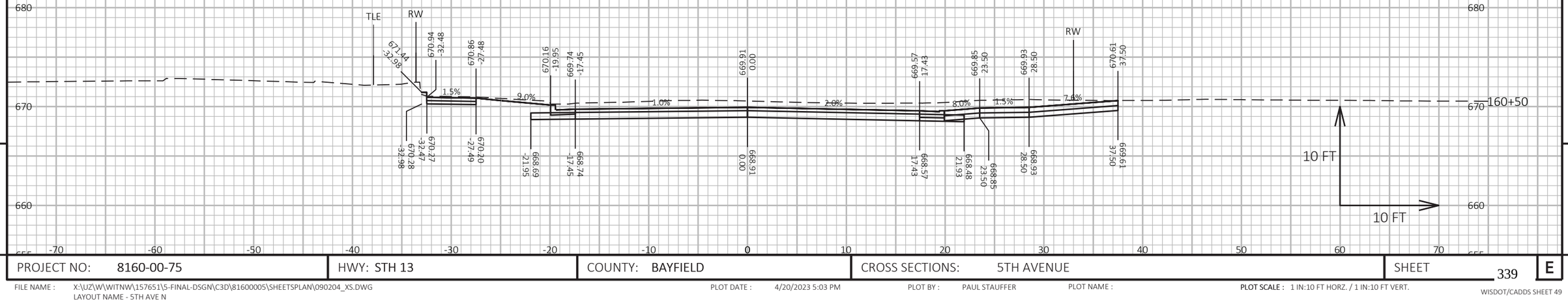
WISDOT/CADDS SHEET 49

END CONSTRUCTION
STA 161+00.00

161+00



160+75



160+50

10 FT

10 FT

9

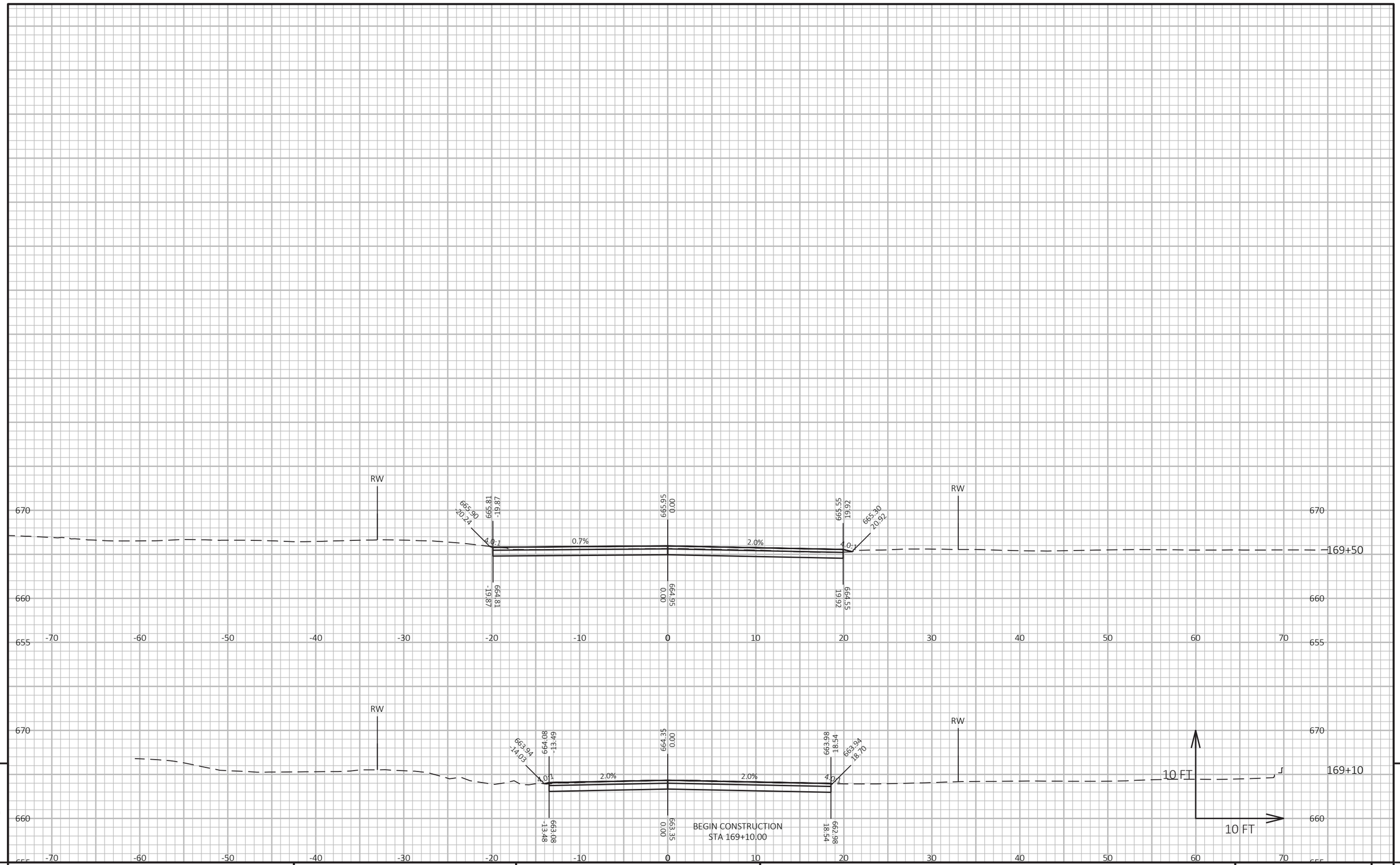
9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 5TH AVENUE	SHEET 339	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 5TH AVE N

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 4TH AVENUE	SHEET 340	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 4TH AVE S

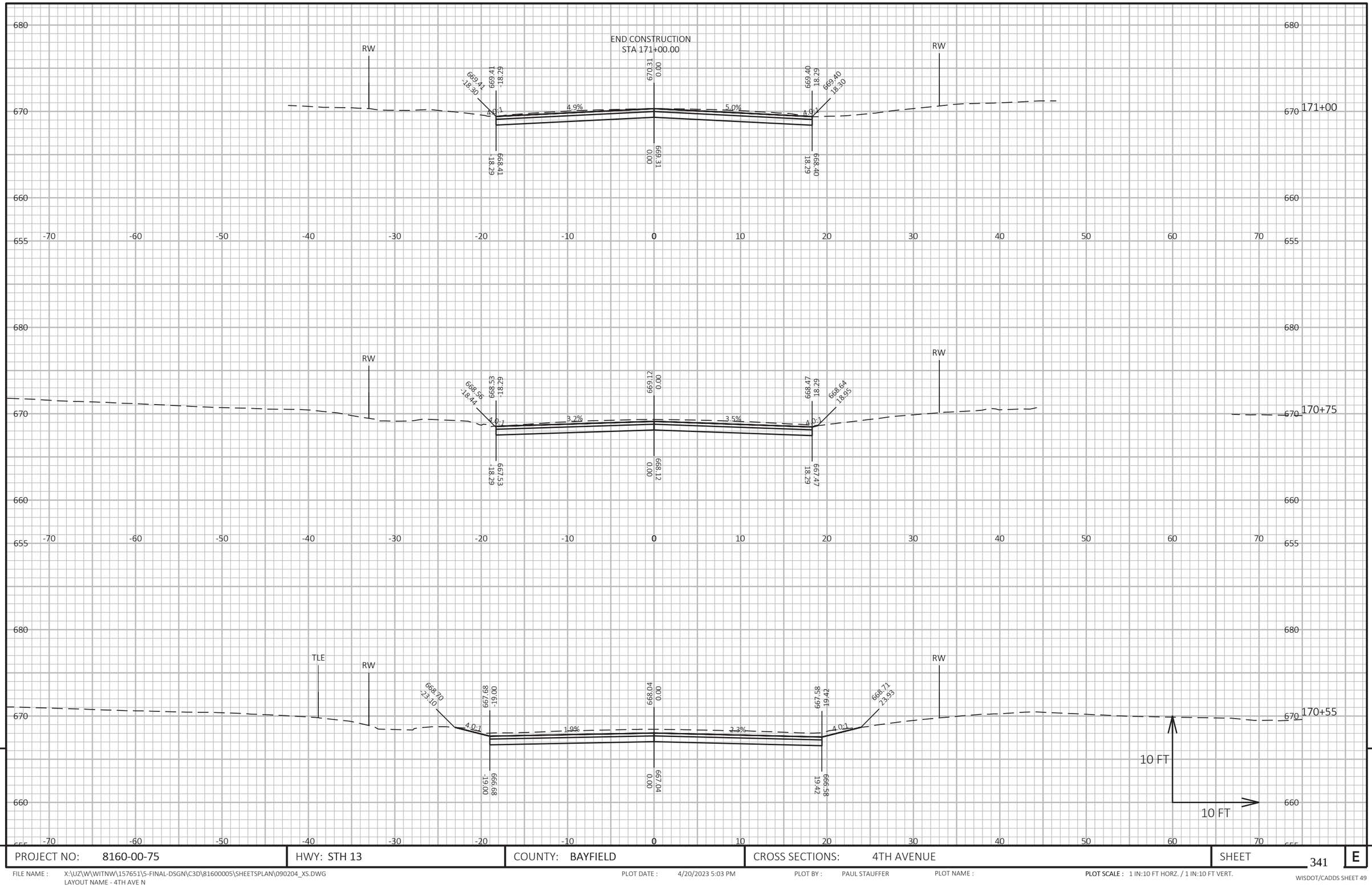
PLOT DATE : 4/20/2023 5:03 PM

PLOT BY : PAUL STAUFFER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 4TH AVENUE	SHEET 341	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 4TH AVE N

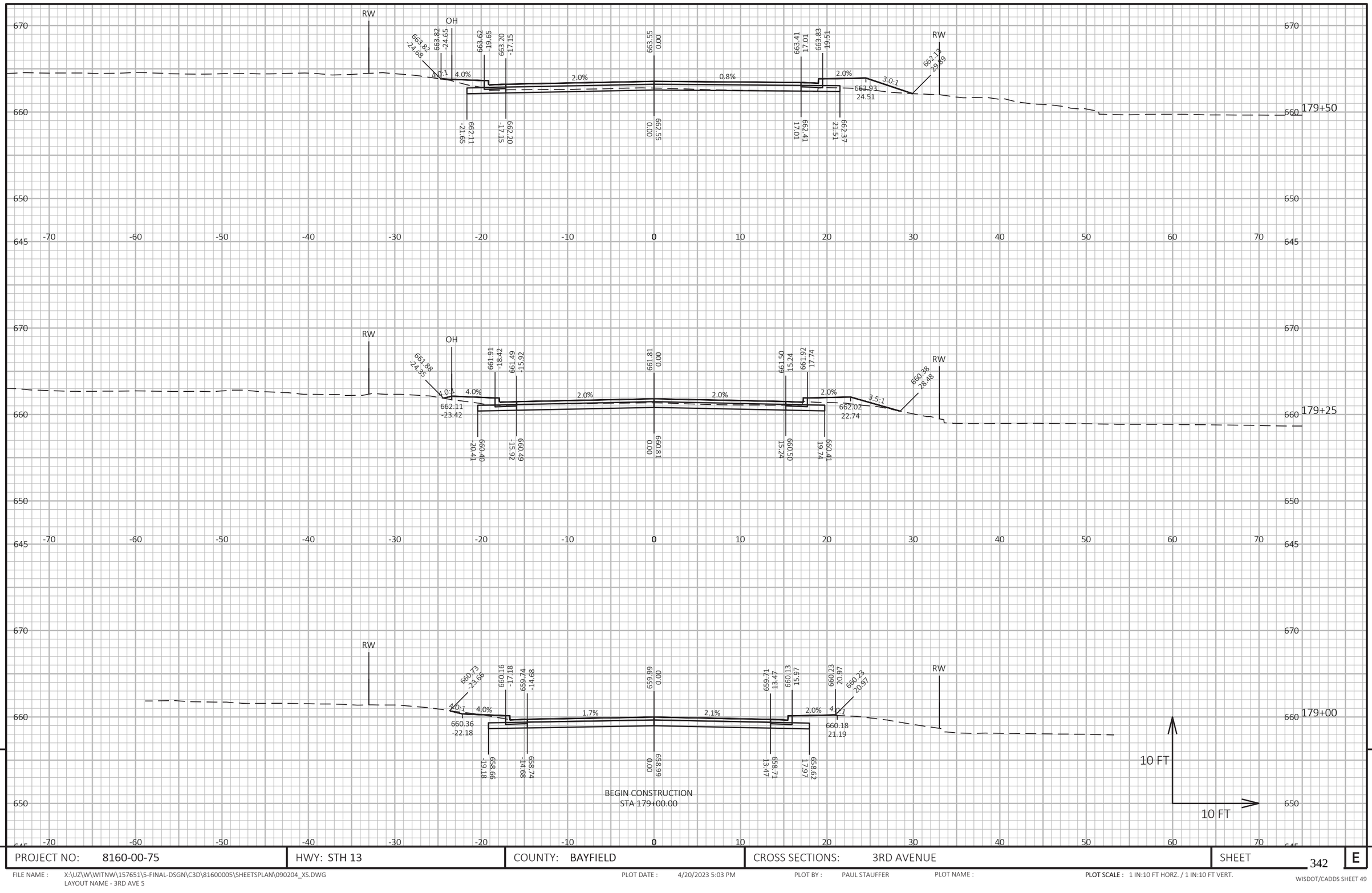
PLOT DATE : 4/20/2023 5:03 PM

PLOT BY : PAUL STAUFFER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



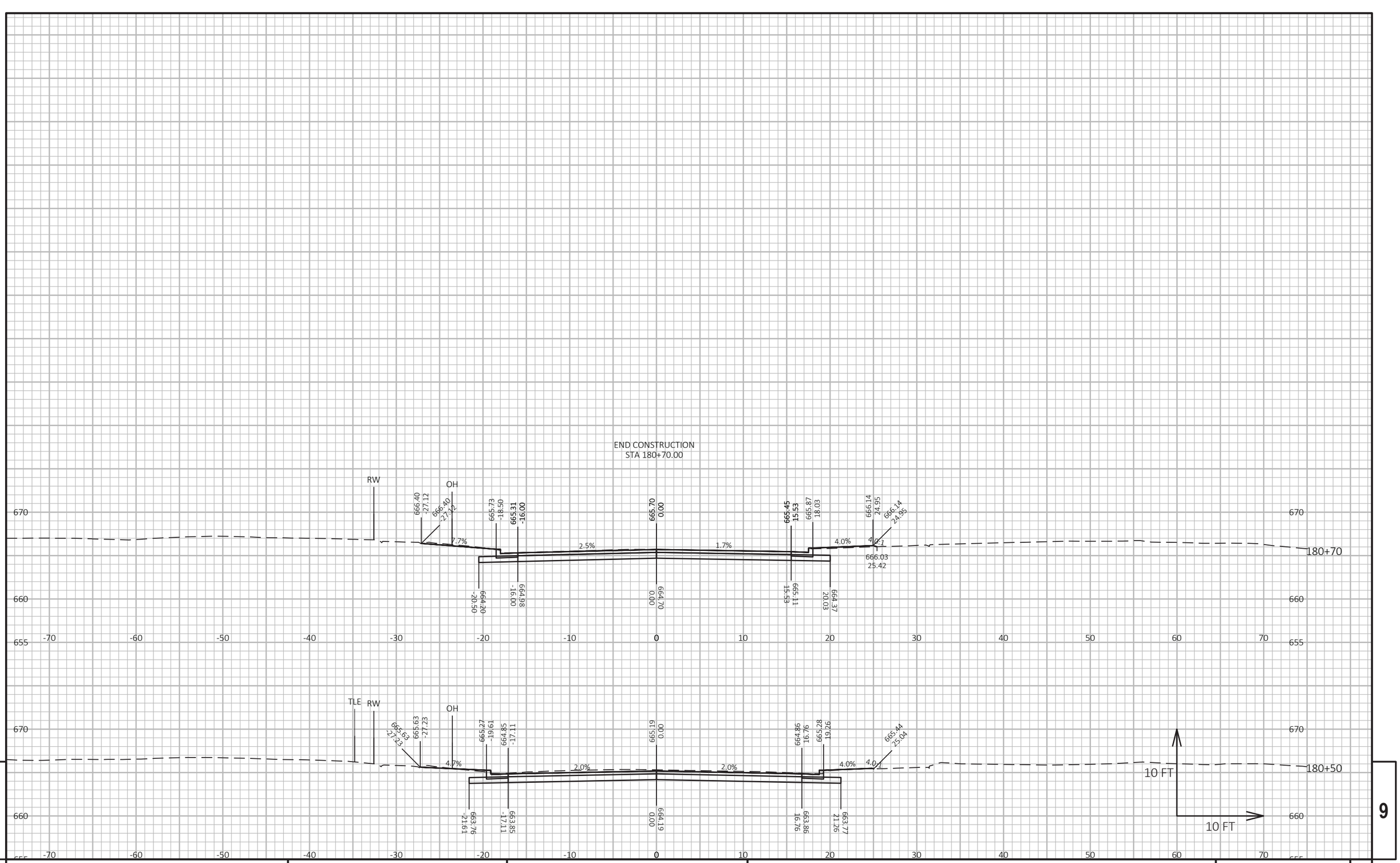
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 3RD AVENUE	SHEET 342	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 3RD AVE S

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

END CONSTRUCTION
STA 180+70.00



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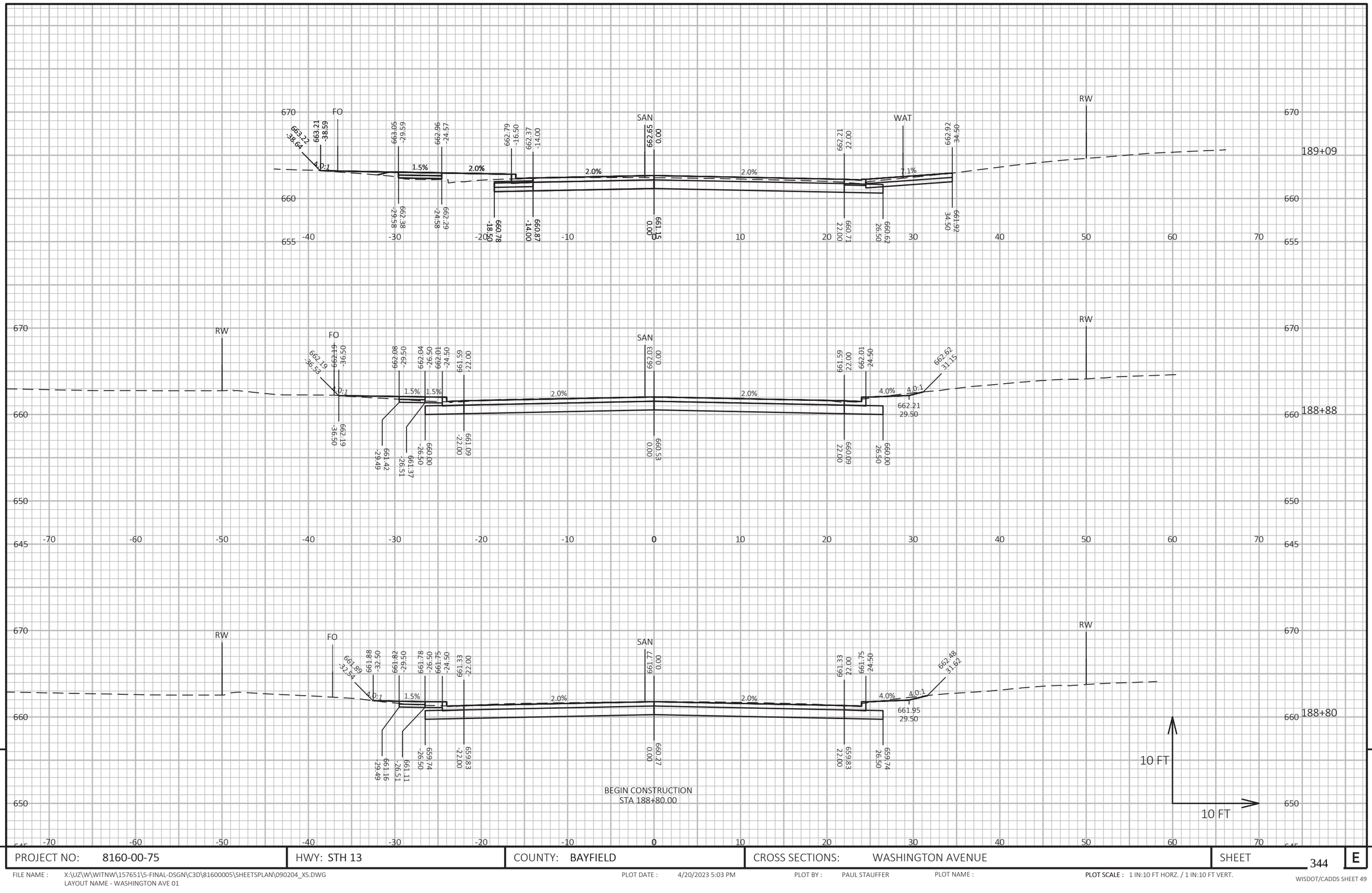
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: 3RD AVENUE	SHEET 343	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - 3RD AVE N

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

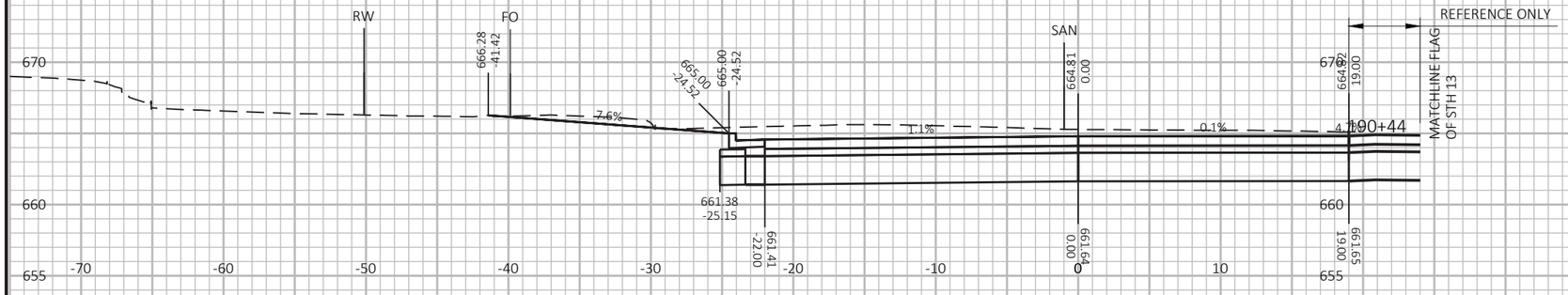


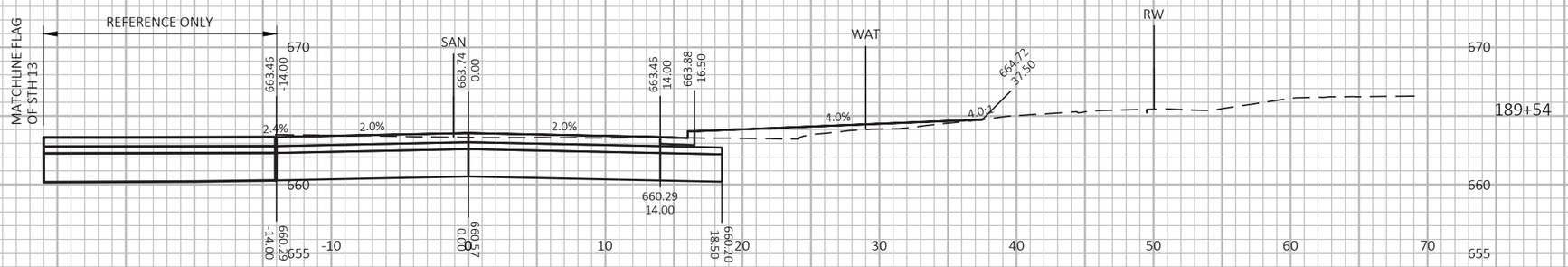
PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: WASHINGTON AVENUE	SHEET 344	E

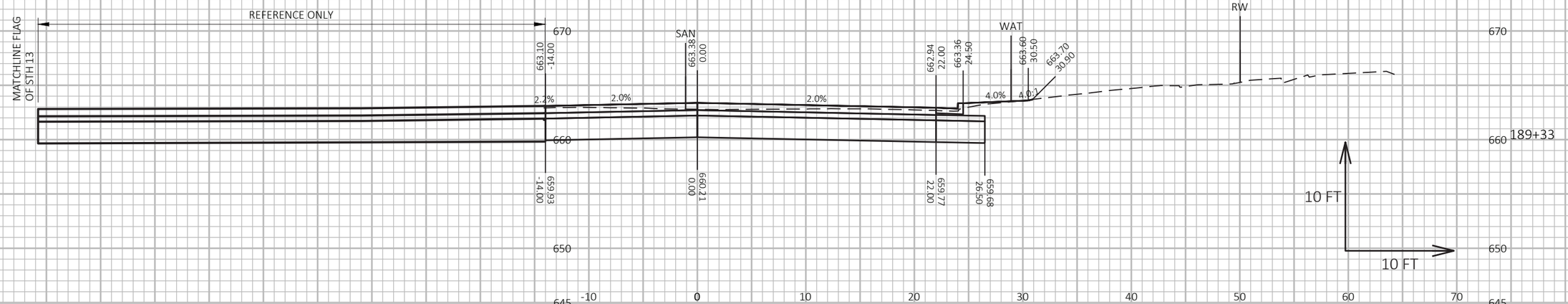
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - WASHINGTON AVE 01

PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







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PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: WASHINGTON AVENUE	SHEET 345	E

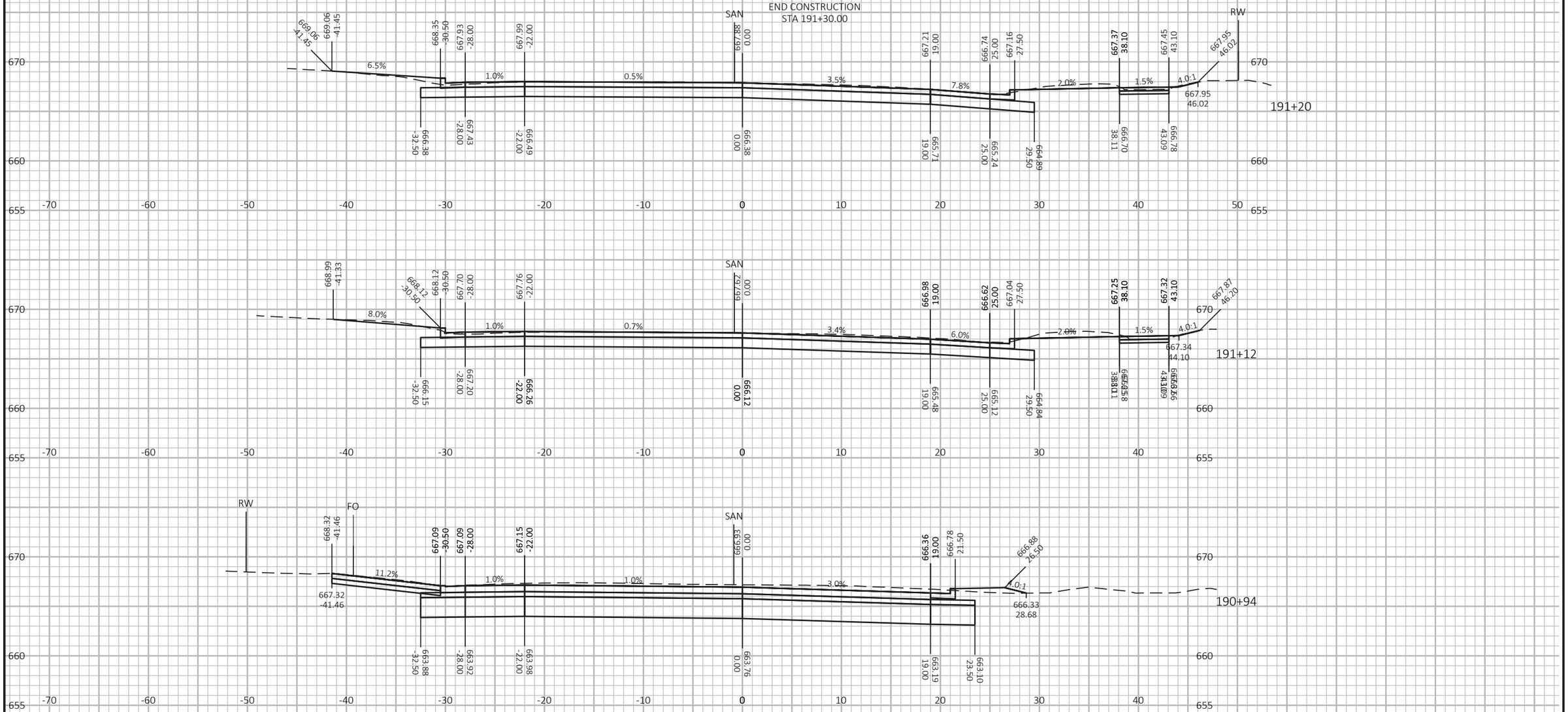
FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - WASHINGTON AVE 02

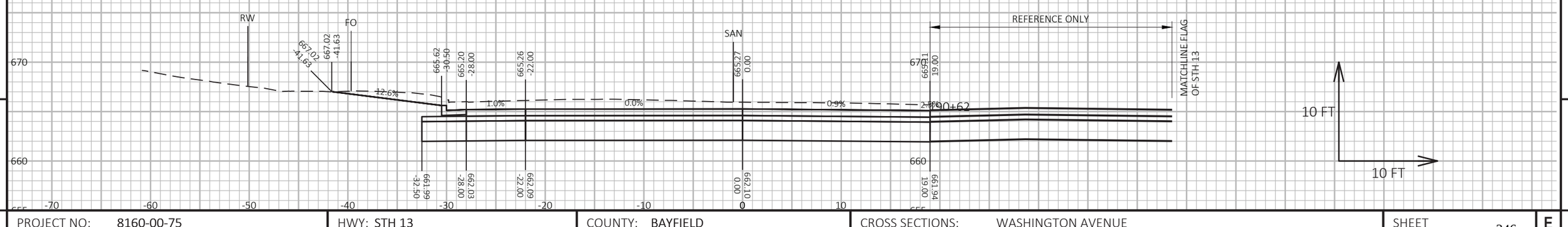
PLOT DATE : 4/20/2023 5:03 PM PLOT BY : PAUL STAUFFER PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

END CONSTRUCTION
STA 191+30.00





9

9

PROJECT NO: 8160-00-75	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: WASHINGTON AVENUE	SHEET 346	E

FILE NAME : X:\UZ\W\WITNW\157651\5-FINAL-DSGN\C3D\81600005\SHEETSPLAN\090204_XS.DWG
LAYOUT NAME - WASHINGTON AVE 03

PLOT DATE : 4/20/2023 5:03 PM

PLOT BY : PAUL STAUFFER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov