PROJECT ID: **4075-40-71**

WITH: N/A

COUNTY: **OUTAGAMIE**

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 =





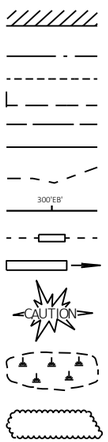
DESIGN DESIGNATION

A.A.D.T.	(2026)	=	30,990
A.A.D.T.	(2046)	=	33,370
D.H.V.		=	
D.D.		=	50/50
T.		=	15.2%
DESIGN SPEED		=	40 MPH
ESALS		=	7,320,000

CONVENTIONAL SYMBOLS

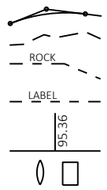
PLAN

- 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
- MARSH AREA
- WOODED OR SHRUB AREA



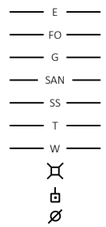
PROFILE

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



UTILITIES

- ELECTRIC
- FIBER OPTIC
- GAS
- SANITARY SEWER
- STORM SEWER
- TELEPHONE
- WATER
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

W WISCONSIN AVE, T OF GRAND CHUTE

CASALOMA DRIVE - N BADGER AVENUE

STH 96

OUTAGAMIE COUNTY

STATE PROJECT NUMBER
4075-40-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
4075-40-71		

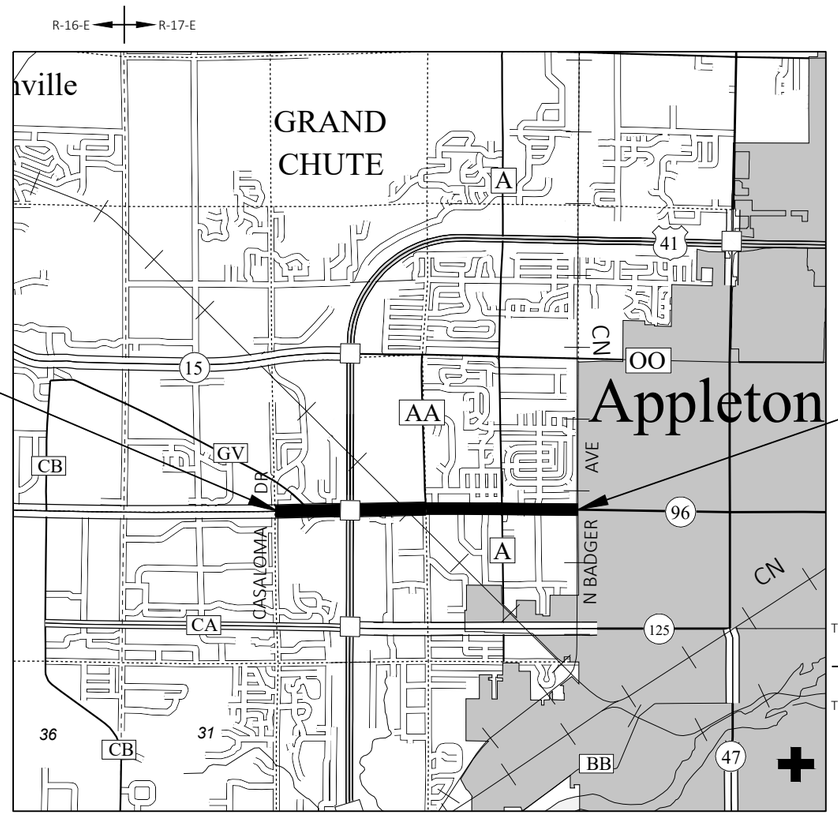
TRANS 220

PROJECT PLAN

FOR

DESIGN OF UTILITY FACILITY ALTERATIONS OR RELOCATIONS

Date: 10/24/2022



BEGIN PROJECT
STA 101+73.46
Y= 566,292.646
X= 809,262.126

END PROJECT
STA 206+96.12
Y= 566,371.112
X= 819,783.309

LAYOUT

SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 1.993 MI

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	NE REGION
Designer	J. HILBERT
Project Manager	J. HANSEN
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	T. RABE

APPROVED FOR THE DEPARTMENT

DATE: _____ _____ (Signature)

E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\010101-TI.DWG PLOT DATE : 10/3/2022 1:38 PM PLOT BY : SMITH, JENNIFER B PLOT NAME :

2

GENERAL NOTES

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

COMMERCIAL ENTRANCE ASPHALTIC DRIVEWAYS SHALL BE PAVED WITH 4 INCHES OF ASPHALTIC PAVEMENT, CONSTRUCTED IN TWO LIFTS.

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
REMOVAL PLAN
CURB RAMP DETAILS
EROSION CONTROL
STORM SEWER
PAVEMENT MARKING
TRAFFIC CONTROL
DETOUR PLAN

DNR LIASION

MATT SCHAEVE (NORTHEAST-CALUMET, DOOR, KEWAUNEE, MANITOWOC, OUTAGAMIE)
2984 SHAWANO AVE.
GREEN BAY, WI 54313
(920) 366-1544
matthew.schaeve@wisconsin.gov

COUNTY HIGHWAY COMMISSIONER

OUTAGAMIE

DEAN STEINGRABER
1313 HOLLAND RD
APPLETON, WI 54911-8946
920-832-5673
dean.steingraber@outagamie.org

NE REGION SURVEY COORDINATOR

CORMAC MCINNIS, RLS
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920)492-5638
cormac.mcinnis@dot.wi.gov

UTILITIES CONTACTS

COMMUNICATIONS

COMPANY NAME
CONTACT NAME
ADDRESS
CITY, STATE, ZIP
PHONE:
EMAIL:

2

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 = _____ ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = _____ACRES

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

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	GENERAL NOTES	SHEET	E

2

2

N

Appleton

CTH GV/W GREENVILLE DR

N MCCARTHY RD

IH 41

CN RAILROAD

BEGIN PROJECT
STA 101+73.46
Y=566,292.646
X=809,262.126

END PROJECT
STA 206+96.12
Y=566,371.112
X=819,783.309

STH 96/W WISCONSIN AVE

110 120 130 140 150 160 170 180 190 200 210

N CASALOMA DR

N WESTHILL BLVD

N BLUEMOUND DR

W ELBERG AVE

N HICKORY FARM LN

CTH A/N LYNNDALE DR

N PERKINS ST

N HARD DR

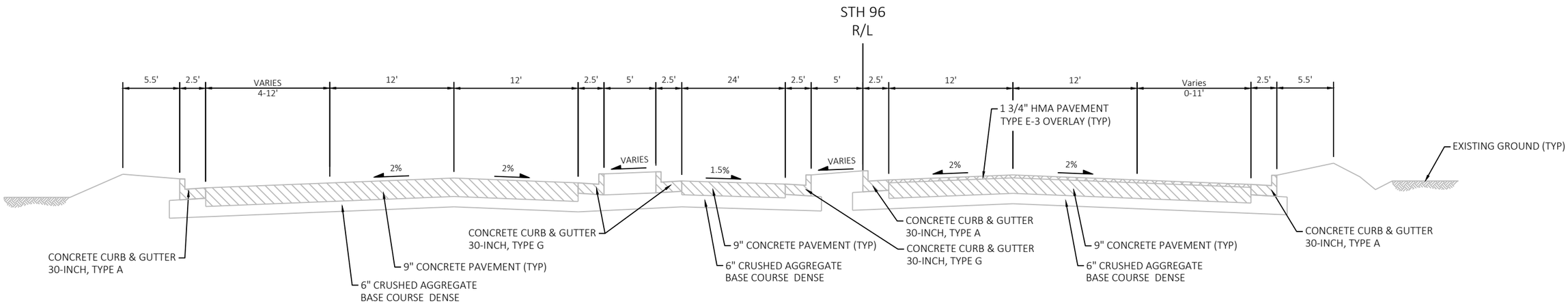
CN RAILROAD

N BADGER AVE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PROJECT OVERVIEW	SHEET	E

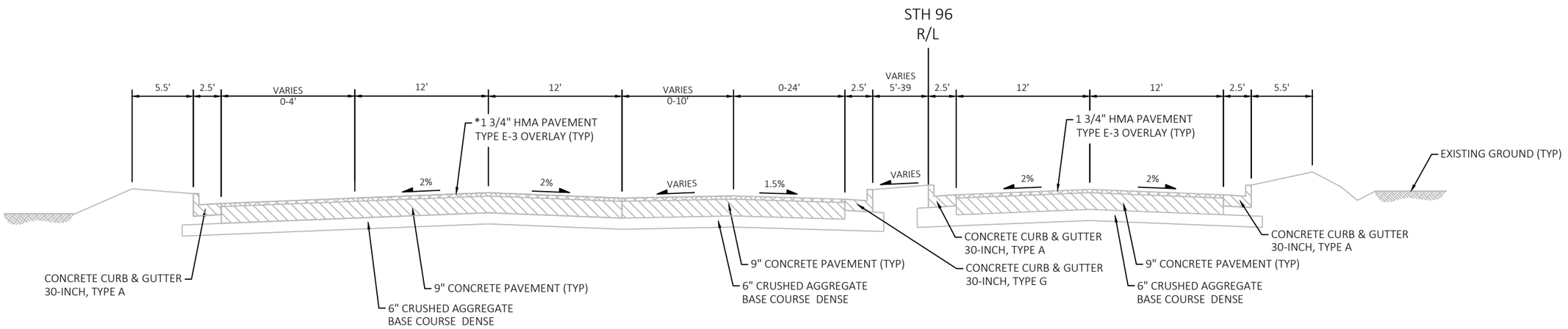
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LAYOUT NAME - 020201-po

PLOT DATE : 10/3/2022 2:25 PM PLOT BY : SMITH, JENNIFER B PLOT NAME : PLOT SCALE : 1 IN:1000 FT



EXISTING TYPICAL SECTION STH 96

STA 101+73.46 TO STA 103+84

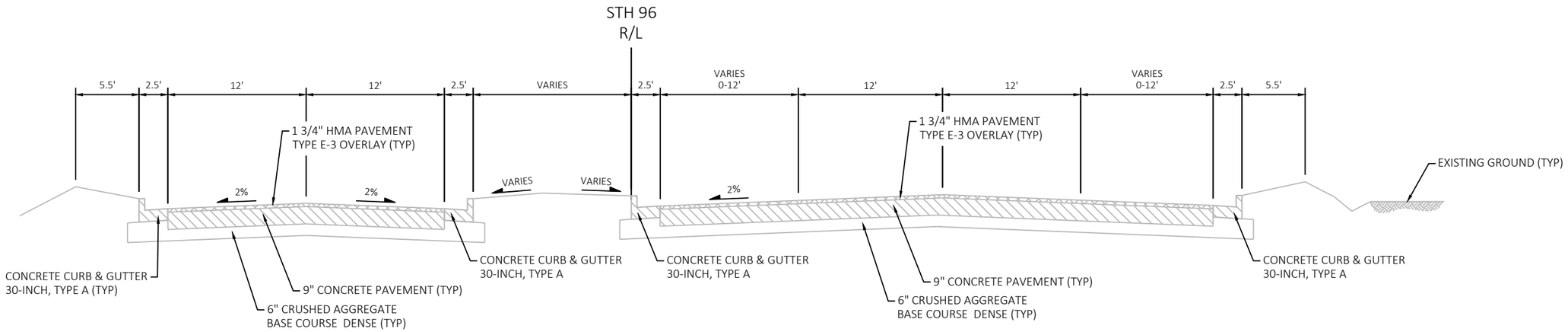


EXISTING TYPICAL SECTION STH 96

STA 103+84 TO STA 108+15

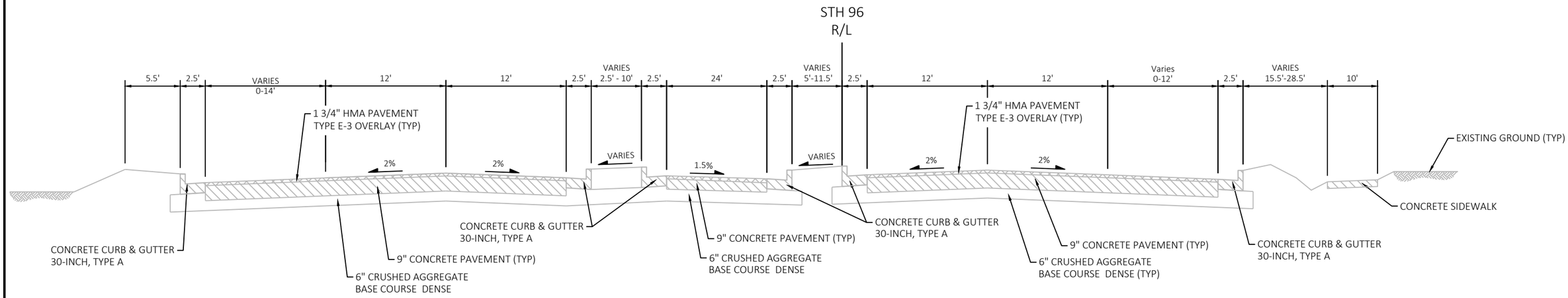
*EXISTING 1 $\frac{3}{4}$" HMA PAVEMENT TYPE E-3 OVERLAY BEGINS AT STA 103+88

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E



EXISTING TYPICAL SECTION STH 96

STA 108+15 TO STA 112+10

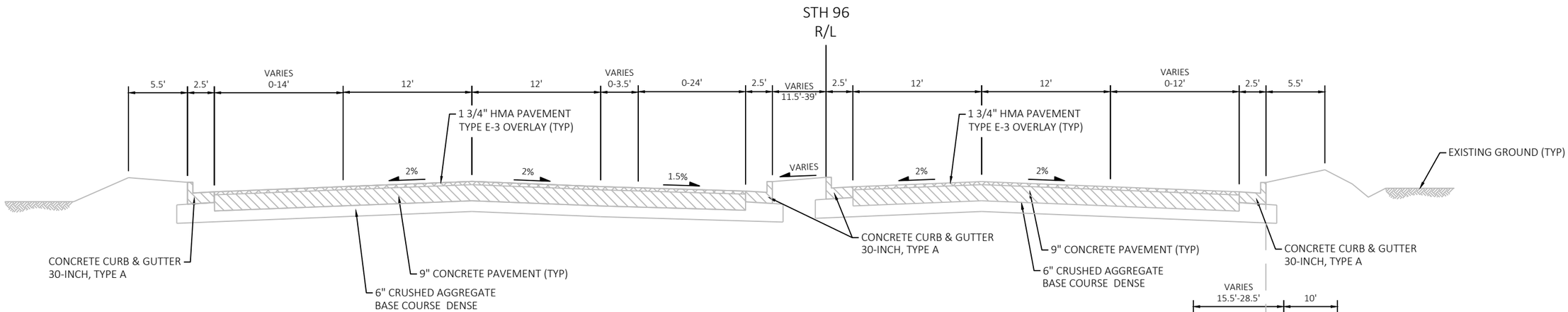


EXISTING TYPICAL SECTION STH 96

STA 112+10 TO STA 115+01

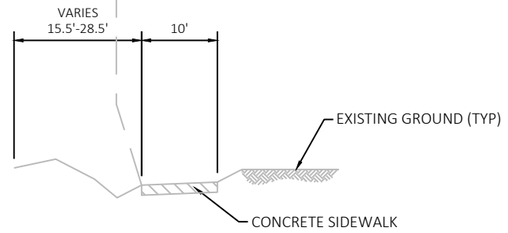
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

2



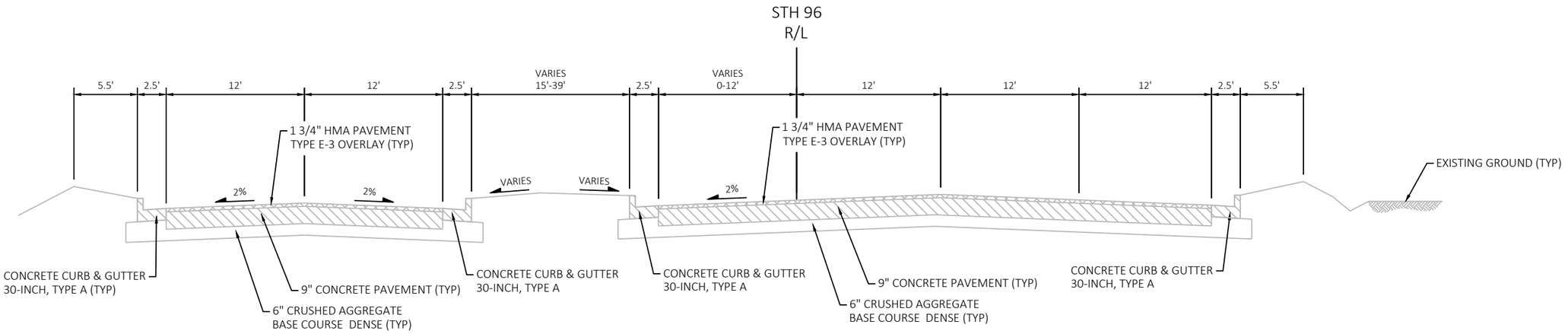
EXISTING TYPICAL SECTION STH 96

STA 115+01 TO STA 118+36



EXISTING SIDEWALK

STA 115+01 TO STA 117+09



EXISTING TYPICAL SECTION STH 96

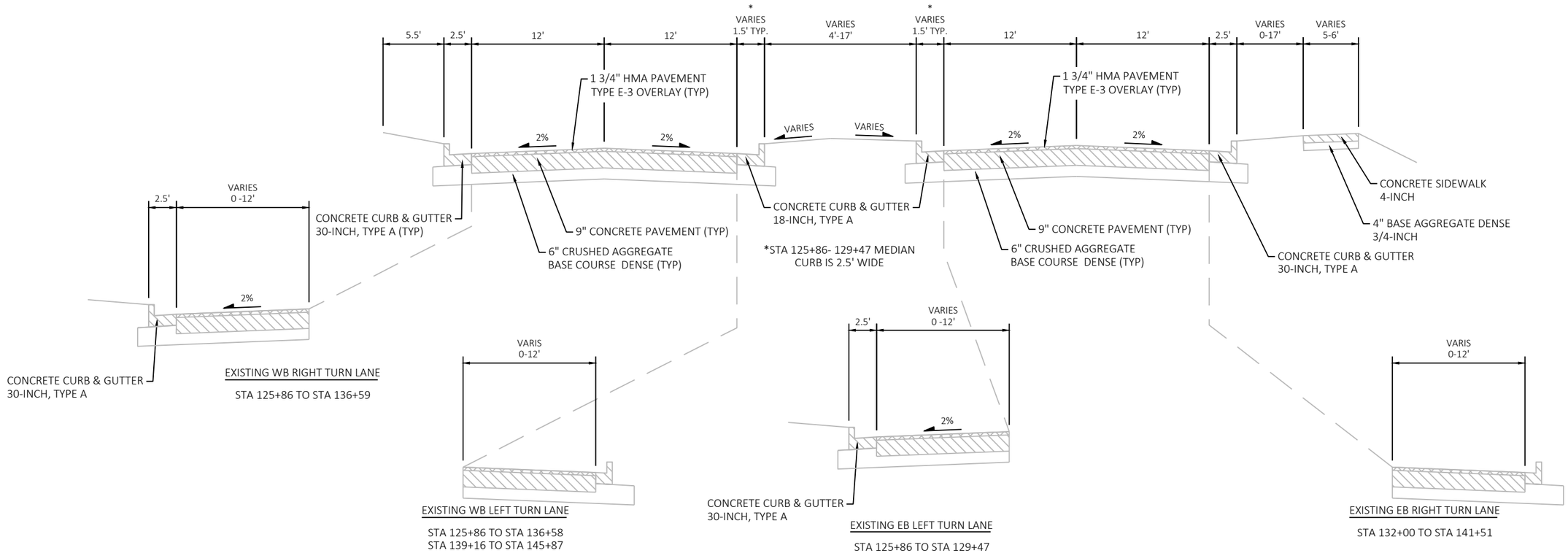
STA 118+36 TO STA 125+86

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

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LAYOUT NAME - 020303-ts

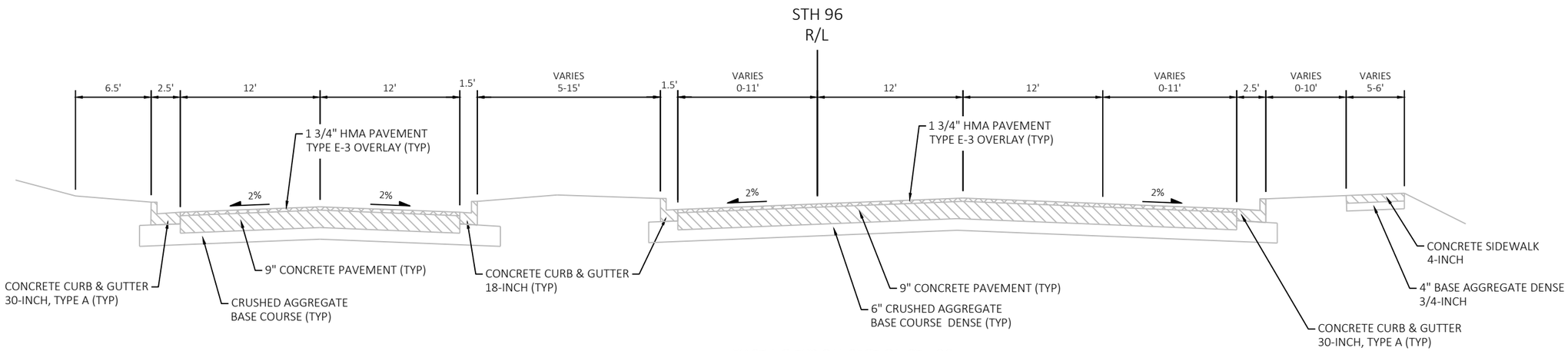
PLOT DATE : 10/3/2022 2:28 PM PLOT BY : SMITH, JENNIFER B PLOT NAME : PLOT SCALE : 1IN:10 FT

WISDOT/CADDS SHEET 42



EXISTING TYPICAL SECTION STH 96

STA 125+86 TO 149+43

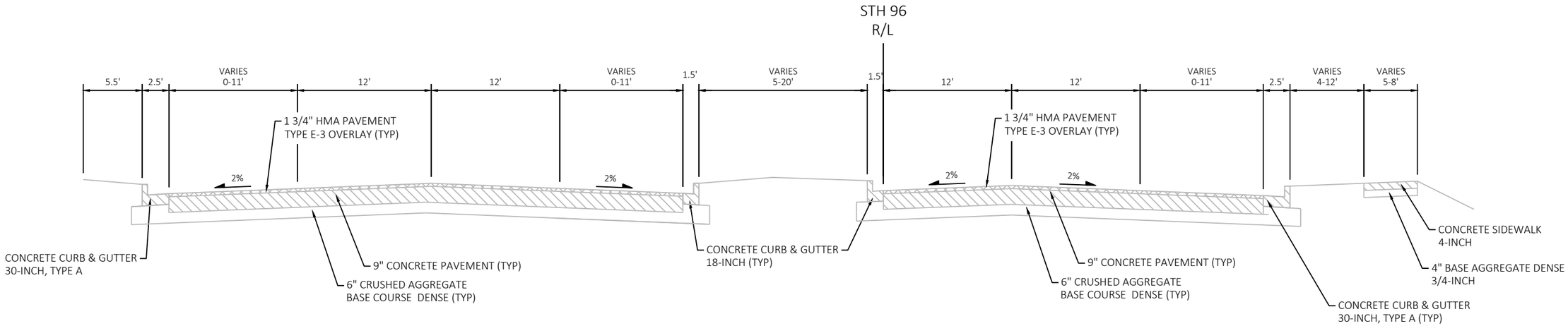


EXISTING TYPICAL SECTION STH 96

STA 149+43 TO STA 154+00

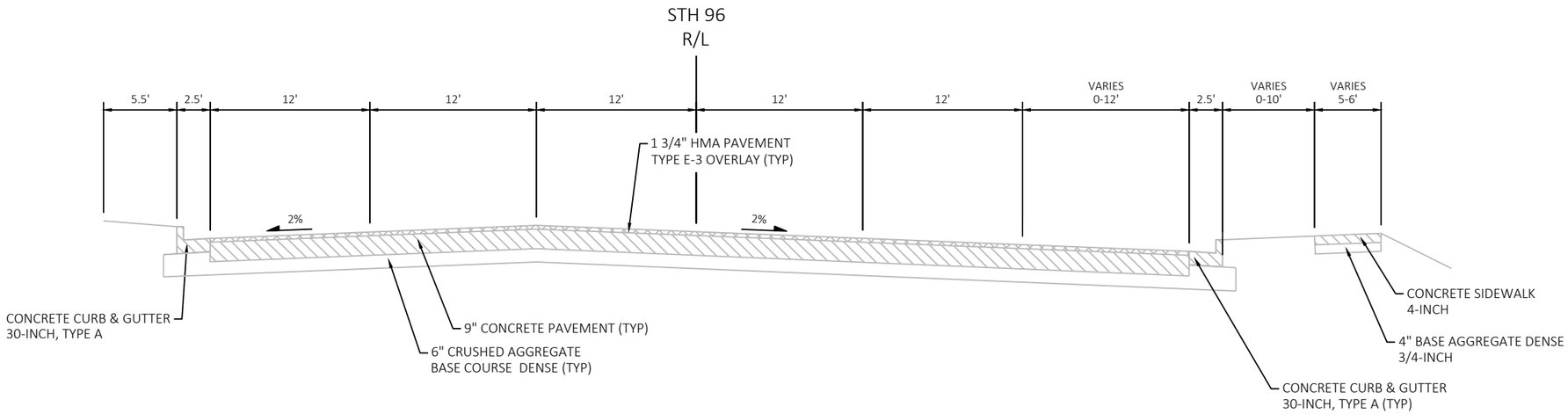
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

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LAYOUT NAME - 020304-ts
PLOT DATE : 10/3/2022 2:28 PM
PLOT BY : SMITH, JENNIFER B
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42



EXISTING TYPICAL SECTION STH 96

STA 154+00 TO STA 159+18

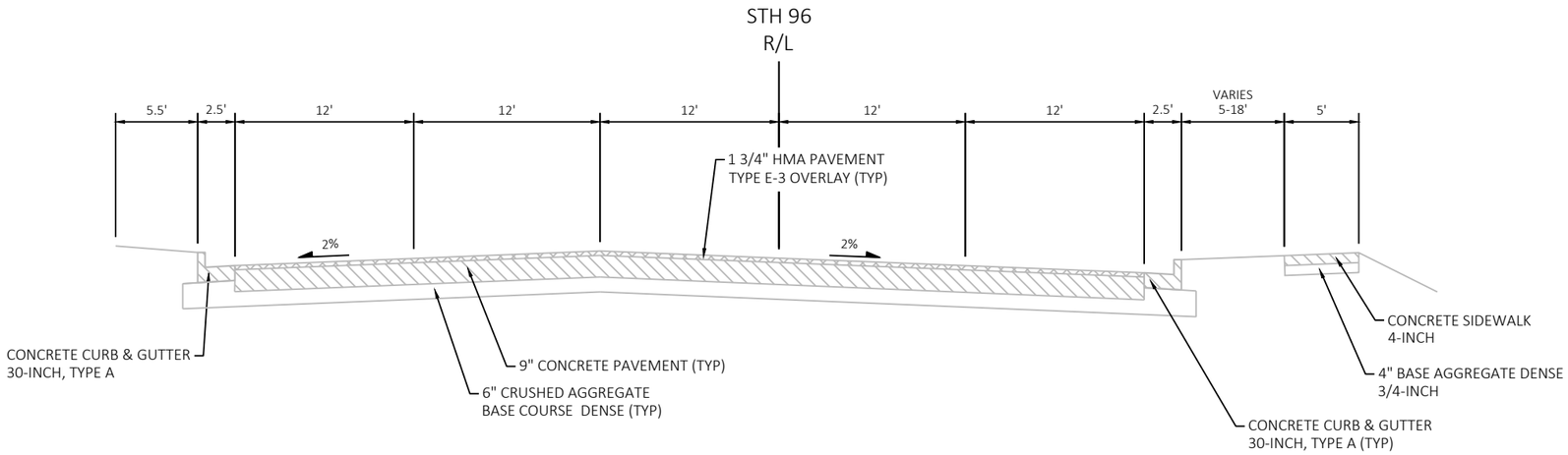


EXISTING TYPICAL SECTION STH 96

STA 159+18 TO STA 161+82
STA 163+35 TO STA 166+57
STA 175+66 TO STA 176+10

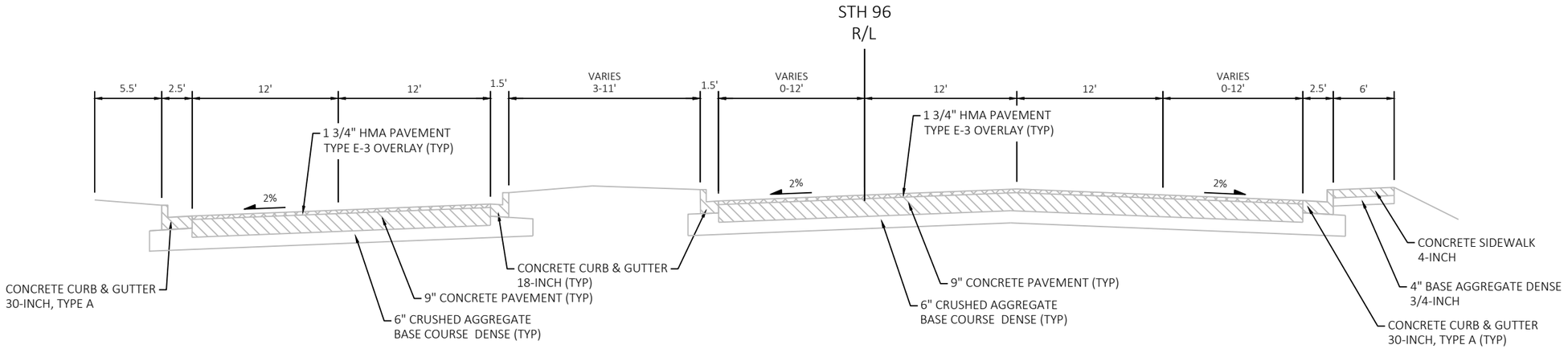
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

2



EXISTING TYPICAL SECTION STH 96

STA 161+82 TO STA 163+35
STA 166+57 TO STA 175+66



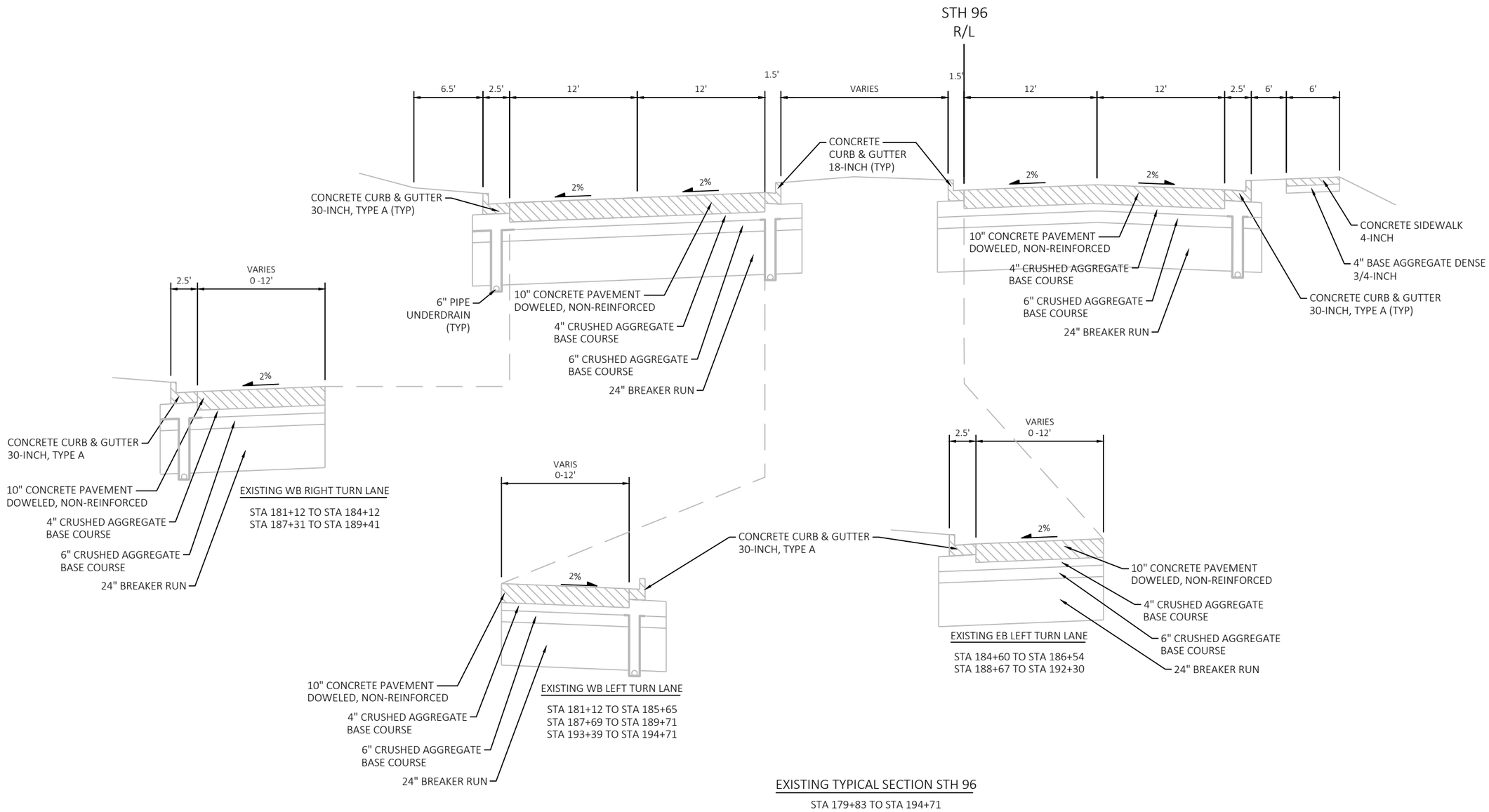
EXISTING TYPICAL SECTION STH 96

STA 176+10 TO STA 179+83

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020306-ts
PLOT DATE : 10/3/2022 2:28 PM
PLOT BY : SMITH, JENNIFER B
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

2

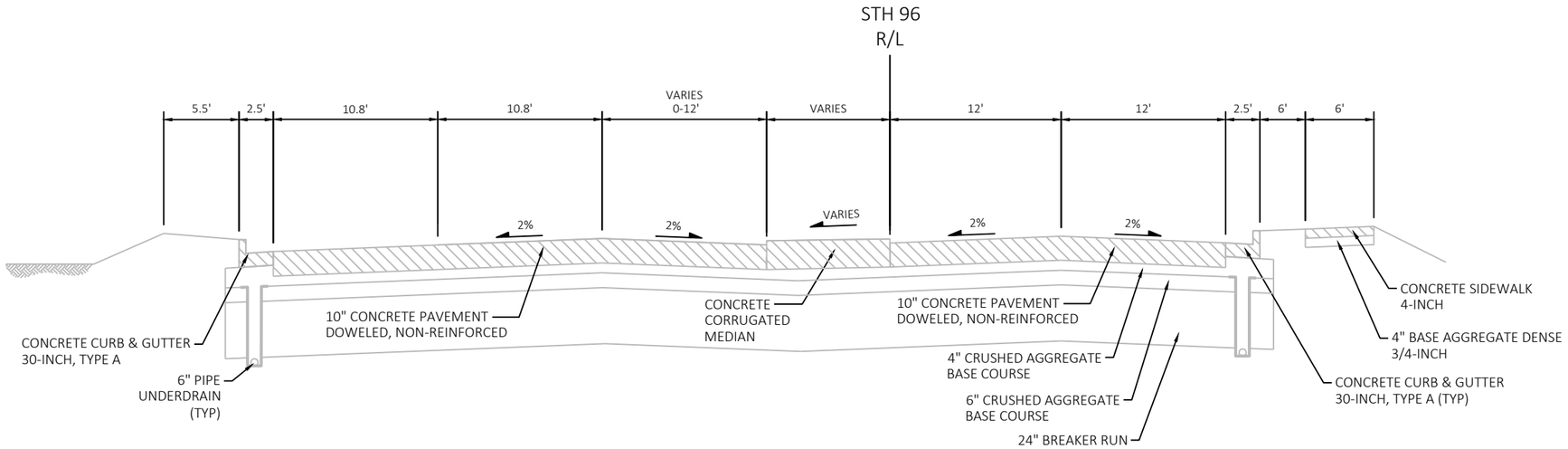


EXISTING TYPICAL SECTION STH 96

STA 179+83 TO STA 194+71

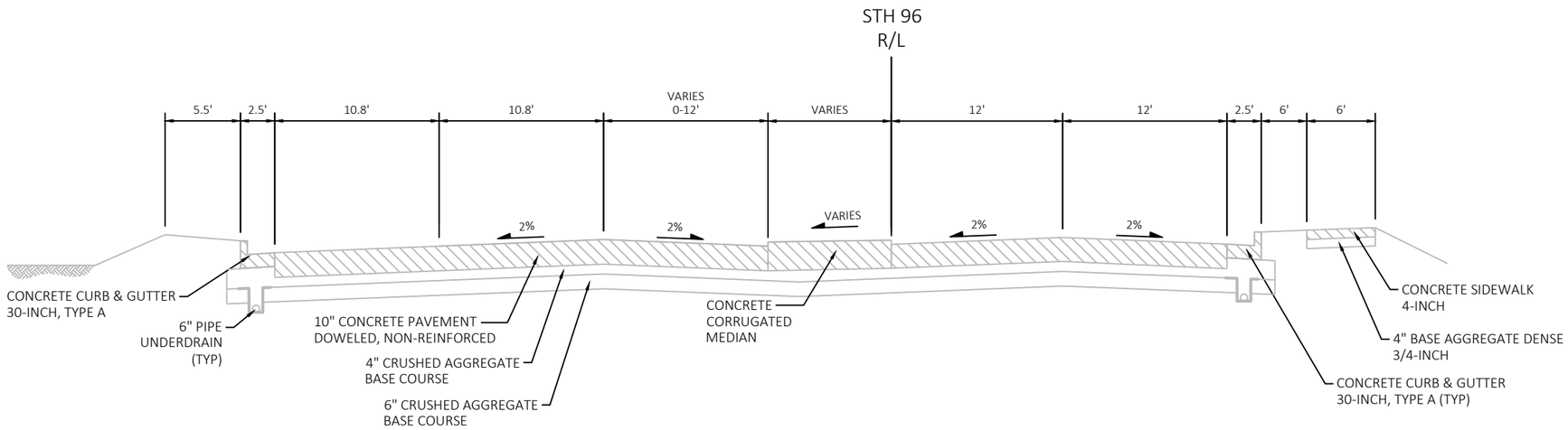
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

2



EXISTING TYPICAL SECTION STH 96

STA 194+71 TO STA 195+08

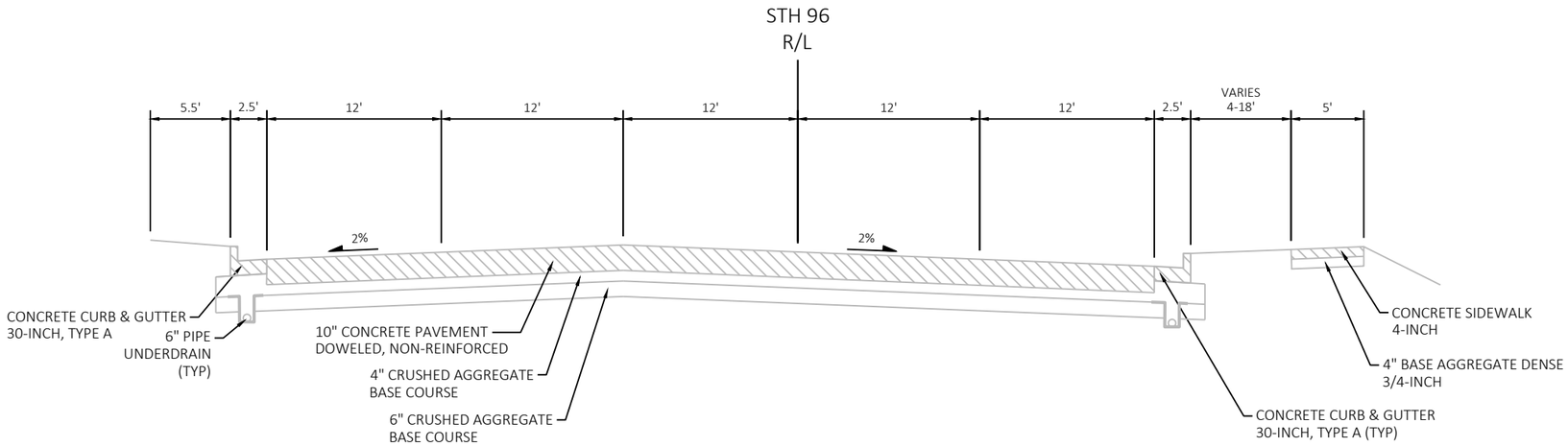


EXISTING TYPICAL SECTION STH 96

STA 195+08 TO STA 196+39

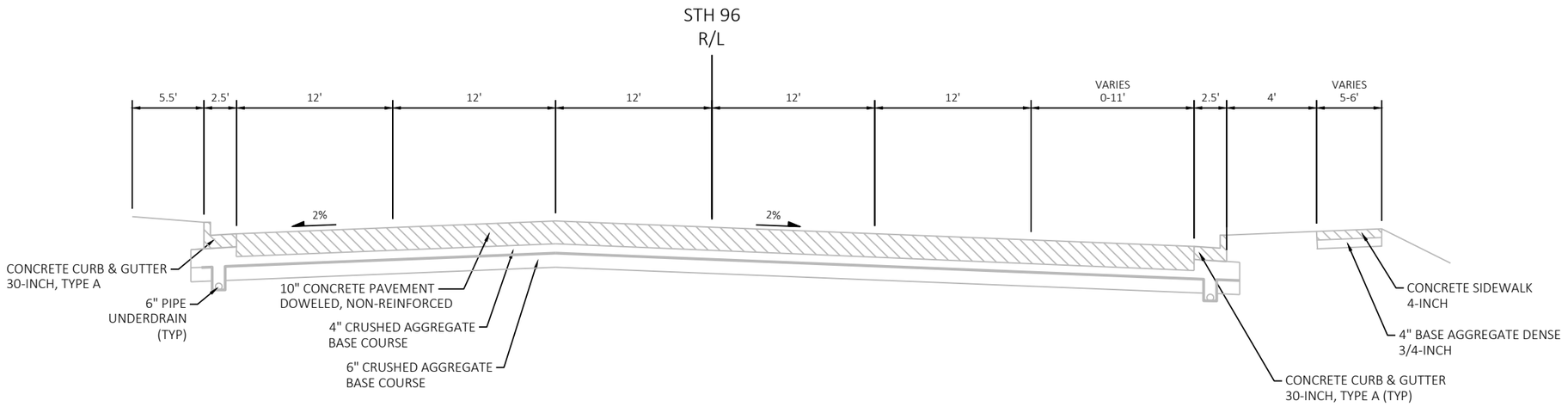
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

2



EXISTING TYPICAL SECTION STH 96

STA 196+39 TO STA 201+95

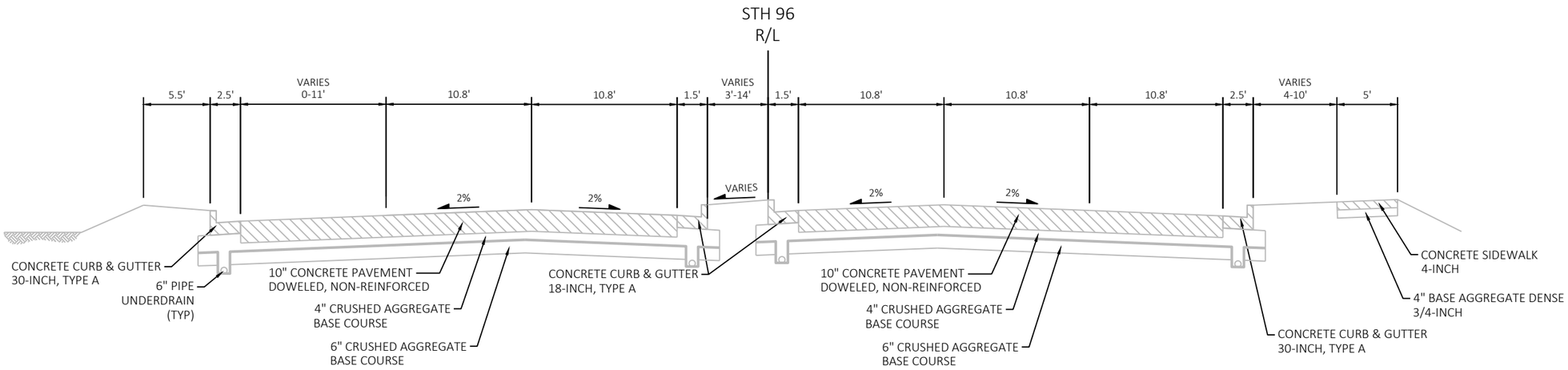


EXISTING TYPICAL SECTION STH 96

STA 201+95 TO STA 204+67

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

2



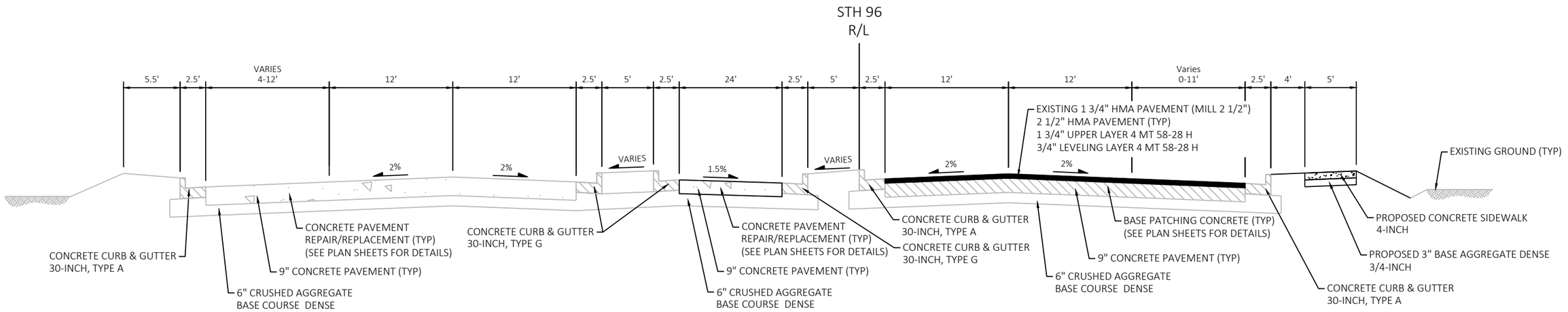
EXISTING TYPICAL SECTION STH 96

STA 204+67 TO STA 206+96.12

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

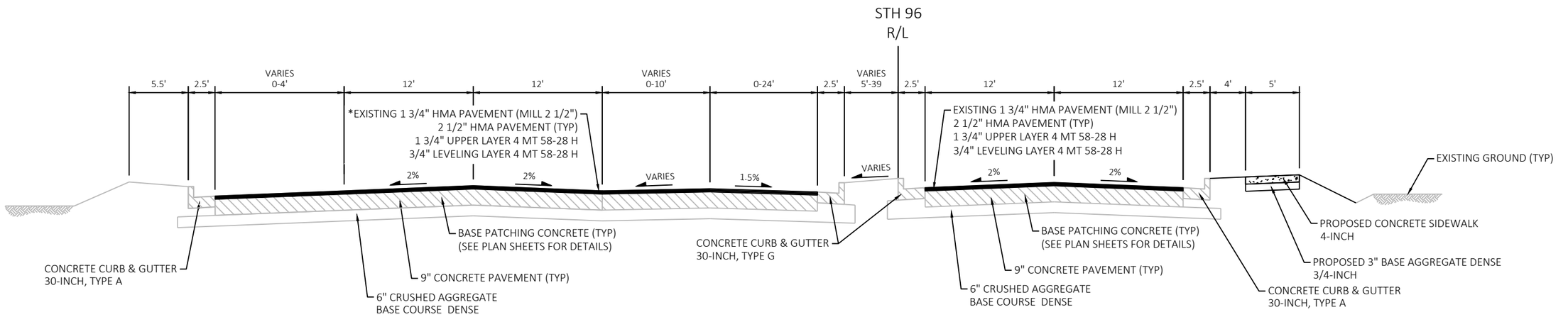
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LAYOUT NAME - 020310-ts

PLOT DATE : 10/3/2022 2:28 PM PLOT BY : SMITH, JENNIFER B PLOT NAME : PLOT SCALE : 1IN:10 FT



FINISHED TYPICAL SECTION STH 96

STA 101+73.46 TO STA 103+84

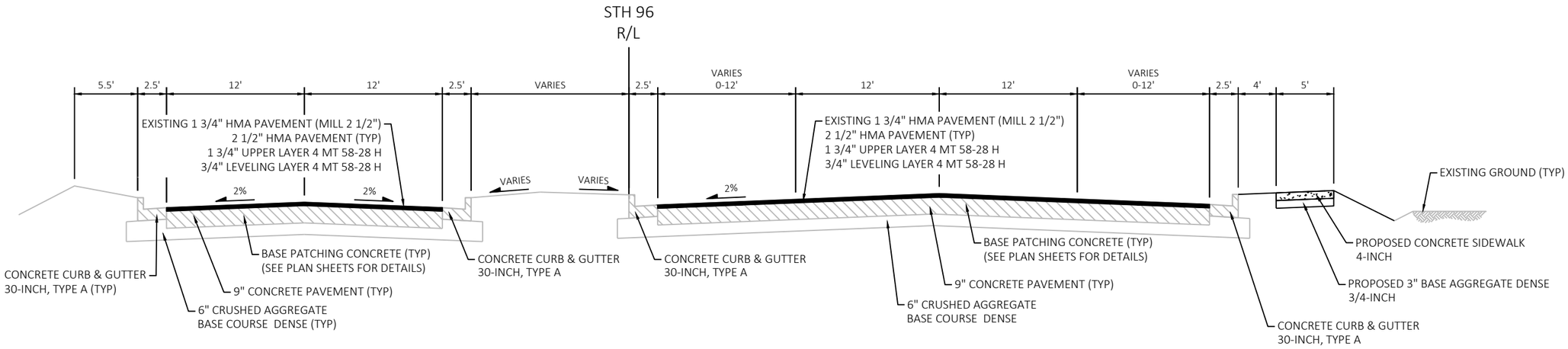


FINISHED TYPICAL SECTION STH 96

STA 103+84 TO STA 108+15

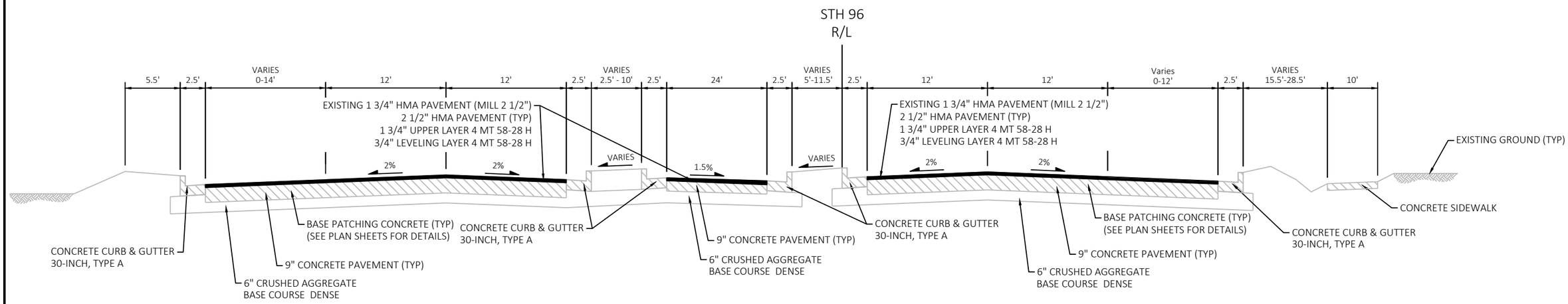
*PROPOSED MILL AND HMA PAVEMENT LAYERS BEGIN AT STA 103+88

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E



FINISHED TYPICAL SECTION STH 96

STA 108+15 TO STA 112+10



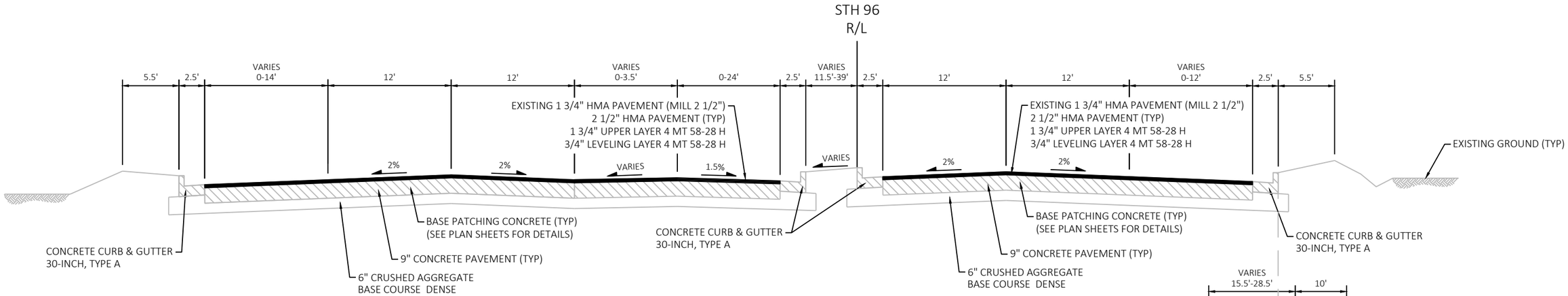
FINISHED TYPICAL SECTION STH 96

STA 112+10 TO STA 115+01

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

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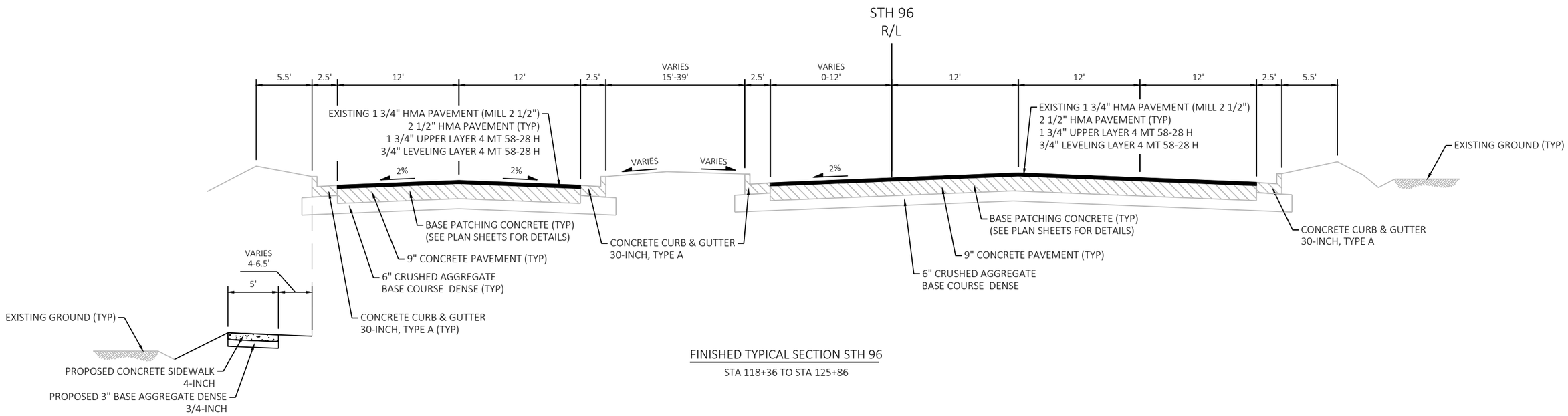


FINISHED TYPICAL SECTION STH 96

STA 115+01 TO STA 118+36

EXISTING SIDEWALK

STA 115+01 TO STA 117+09



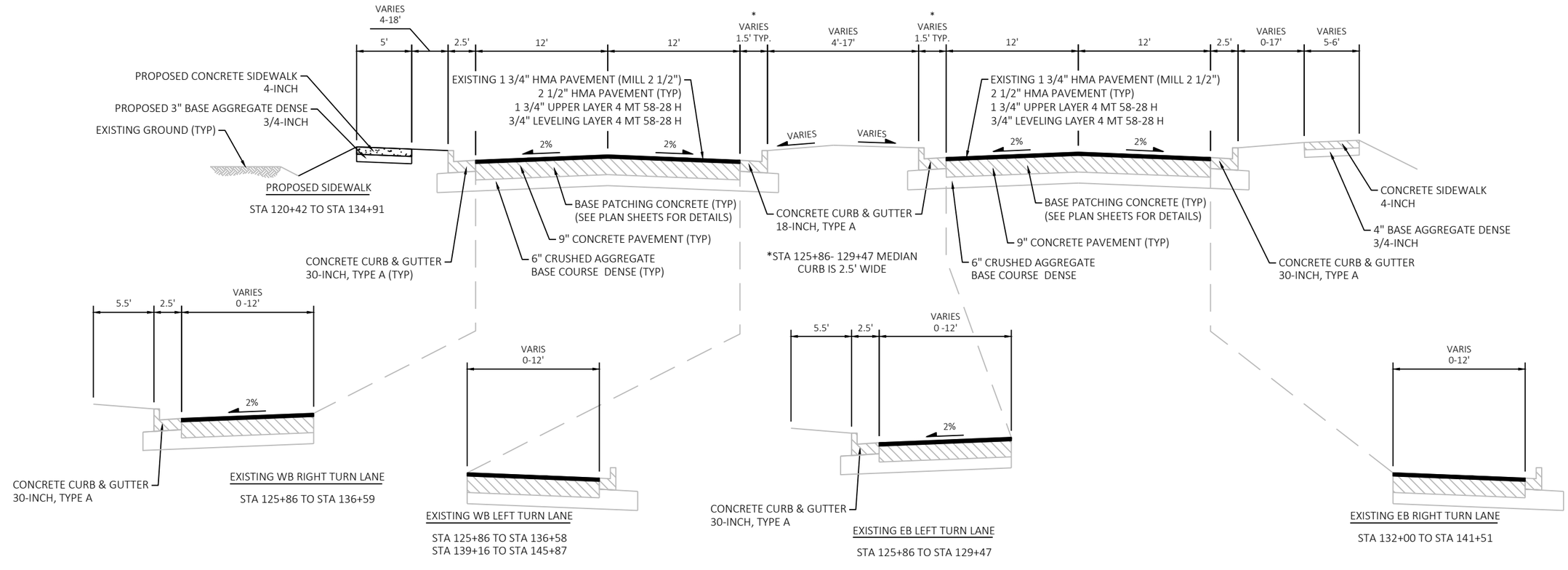
FINISHED TYPICAL SECTION STH 96

STA 118+36 TO STA 125+86

PROPOSED SIDEWALK

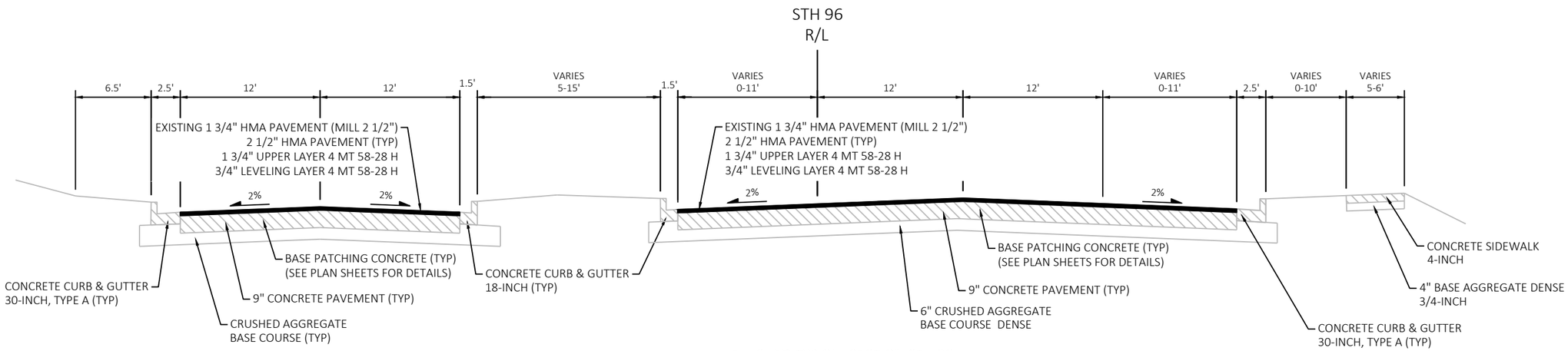
STA 120+42 TO STA 125+86

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E



FINISHED TYPICAL SECTION STH 96

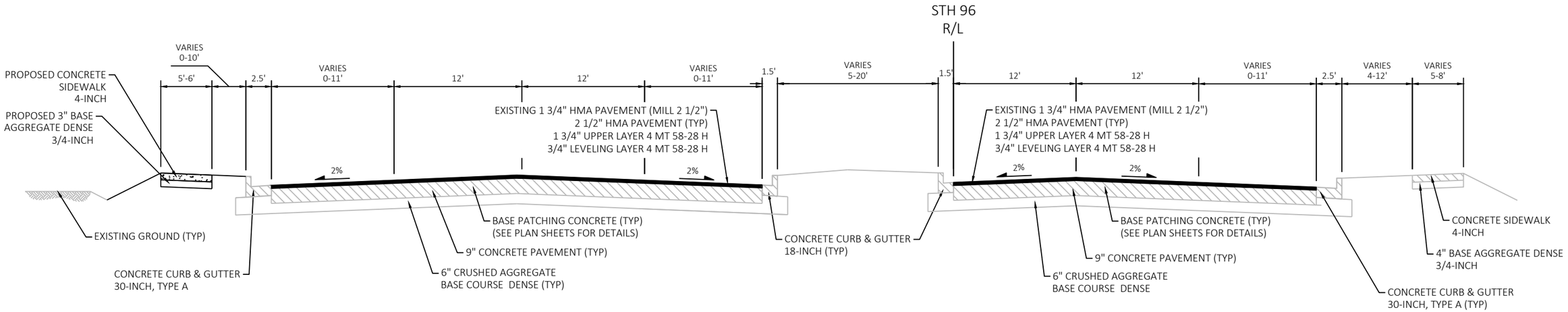
STA 125+86 TO 149+43



FINISHED TYPICAL SECTION STH 96

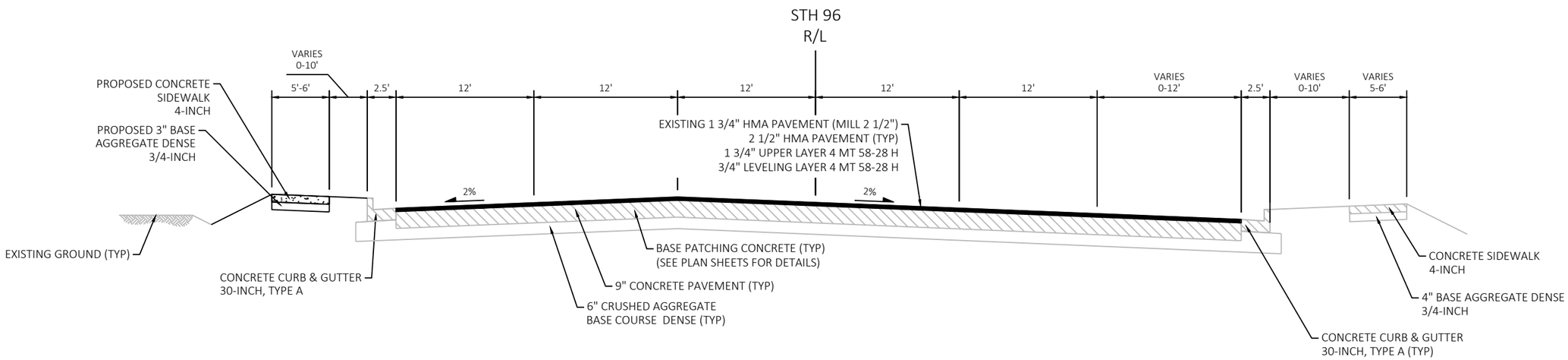
STA 149+43 TO STA 154+00

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E



FINISHED TYPICAL SECTION STH 96

STA 154+00 TO STA 159+18

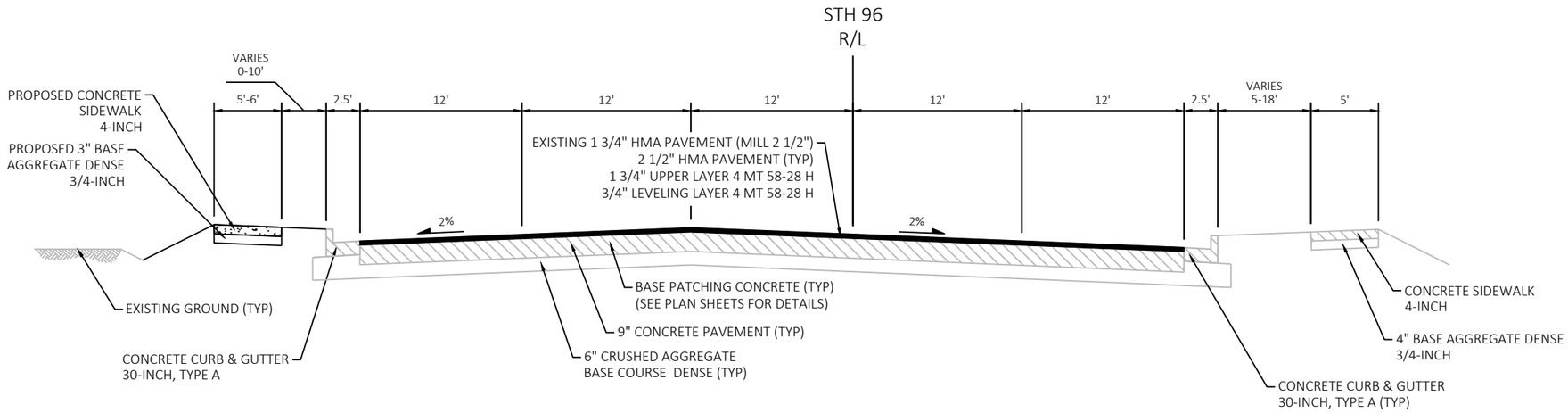


FINISHED TYPICAL SECTION STH 96

STA 159+18 TO STA 161+82
STA 163+35 TO STA 166+57
STA 175+66 TO STA 176+10

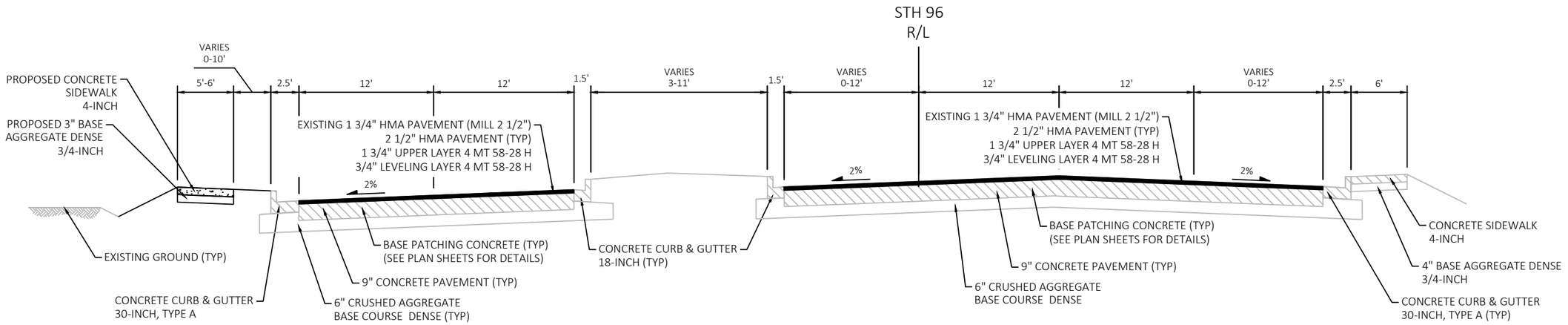
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

2



FINISHED TYPICAL SECTION STH 96

STA 161+82 TO STA 163+35
STA 166+57 TO STA 175+66



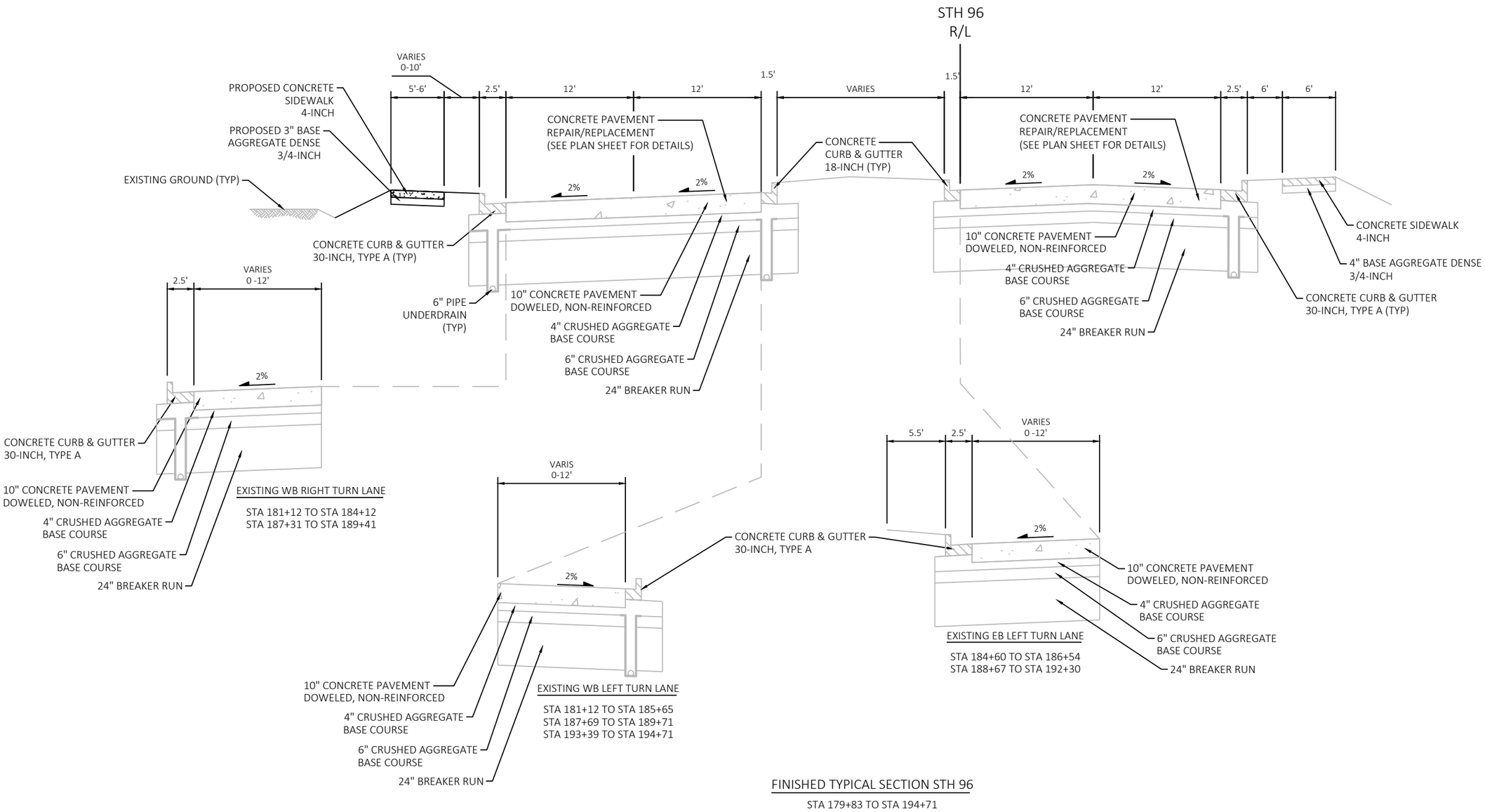
FINISHED TYPICAL SECTION STH 96

STA 176+10 TO STA 179+83

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020316-ts
PLOT DATE : 10/3/2022 2:28 PM
PLOT BY : SMITH, JENNIFER B
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

2

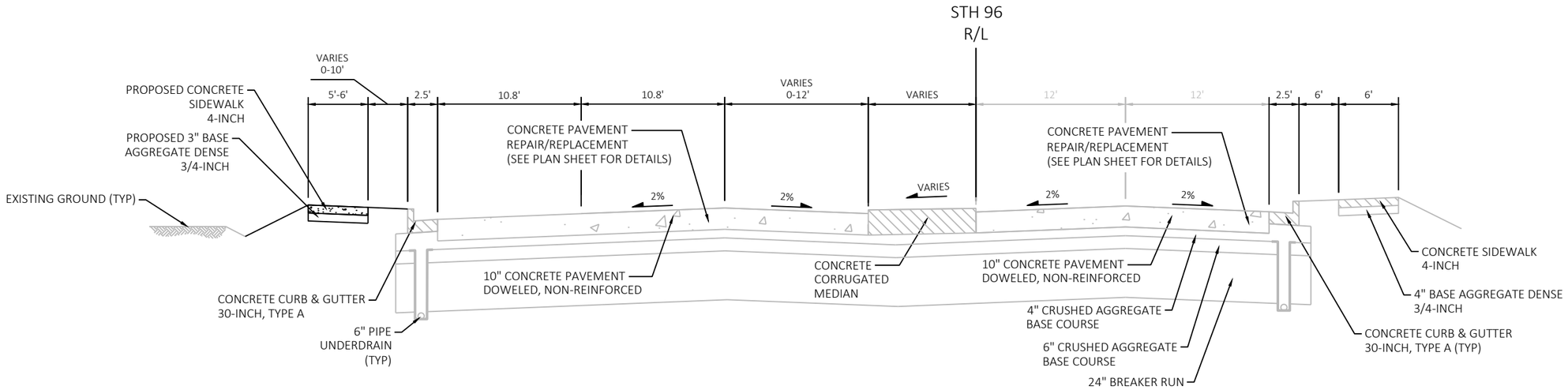


FINISHED TYPICAL SECTION STH 96

STA 179+83 TO STA 194+71

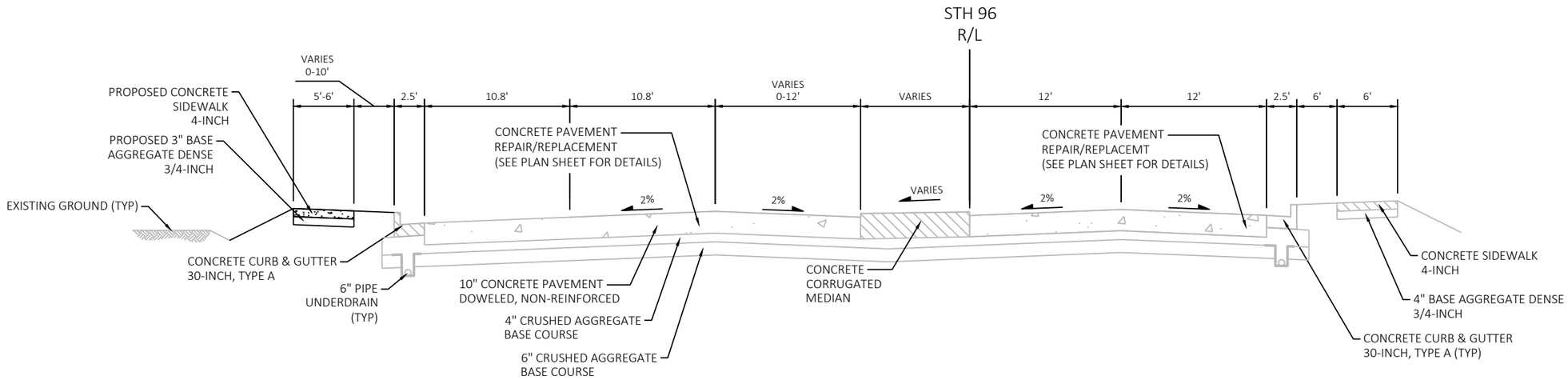
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020317-ts
PLOT DATE : 10/3/2022 2:28 PM
PLOT BY : SMITH, JENNIFER B
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42



FINISHED TYPICAL SECTION STH 96

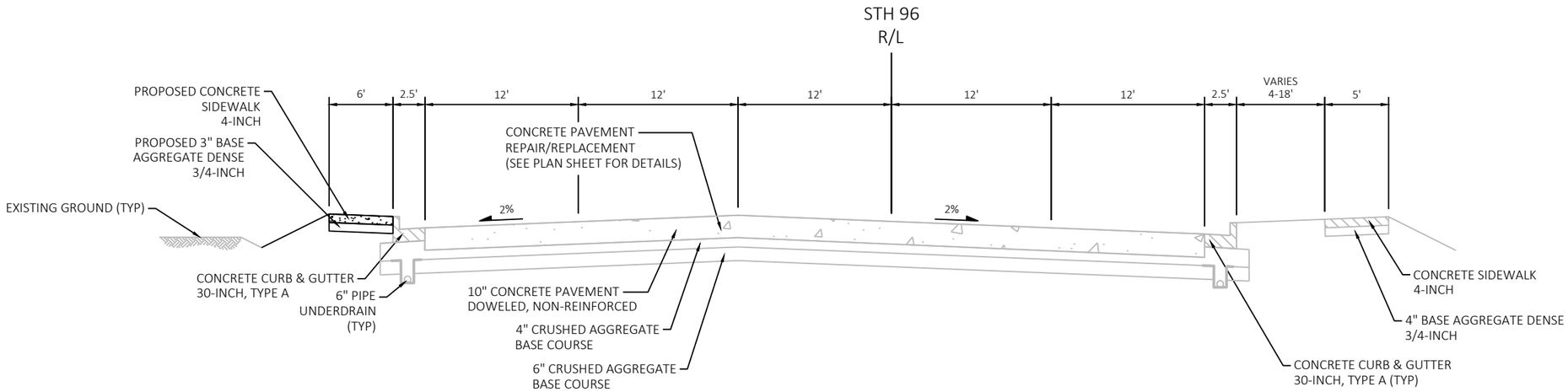
STA 194+71 TO STA 195+08



FINISHED TYPICAL SECTION STH 96

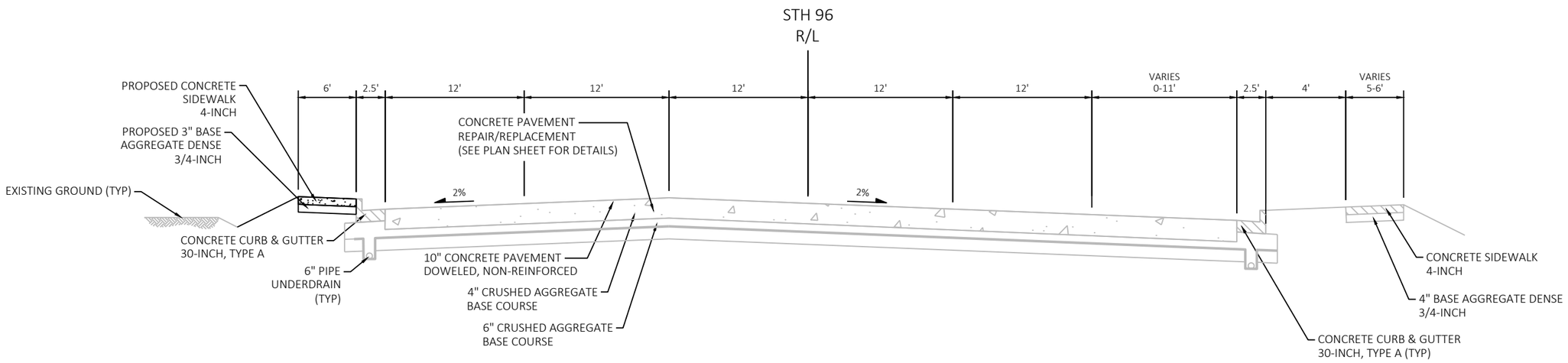
STA 195+08 TO STA 196+39

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E



FINISHED TYPICAL SECTION STH 96

STA 196+39 TO STA 201+95



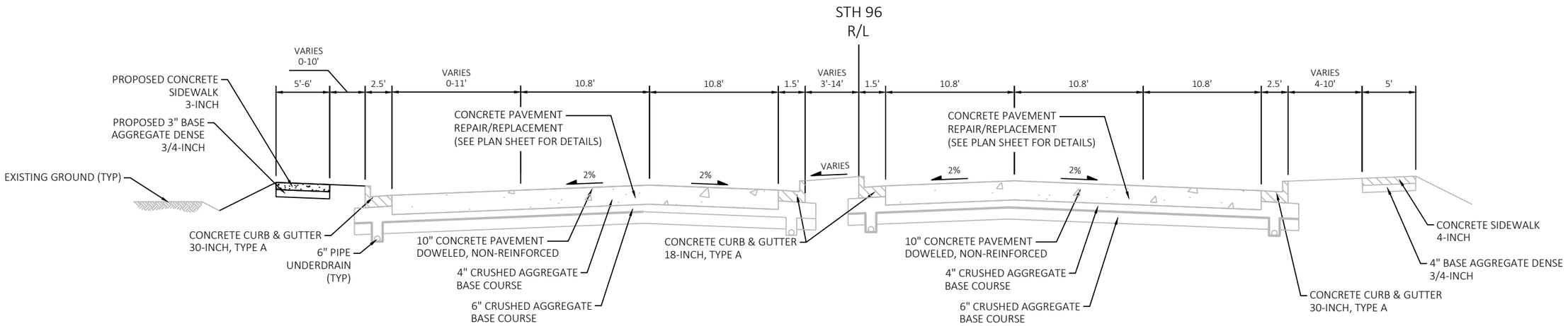
FINISHED TYPICAL SECTION STH 96

STA 201+95 TO STA 204+67

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020319-ts
PLOT DATE : 10/3/2022 2:28 PM
PLOT BY : SMITH, JENNIFER B
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

2

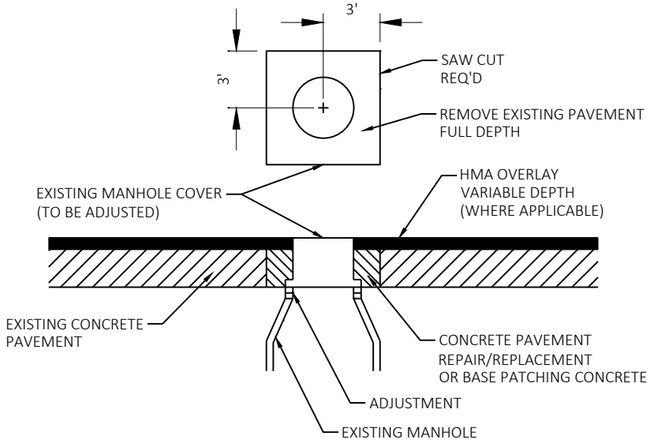


FINISHED TYPICAL SECTION STH 96

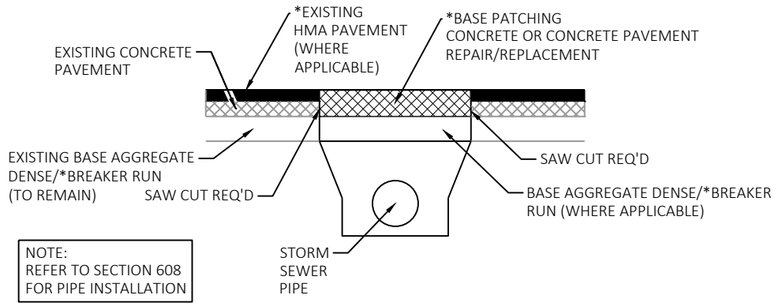
STA 204+67 TO STA 206+96.12

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020320-ts
PLOT DATE : 10/3/2022 2:28 PM
PLOT BY : SMITH, JENNIFER B
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

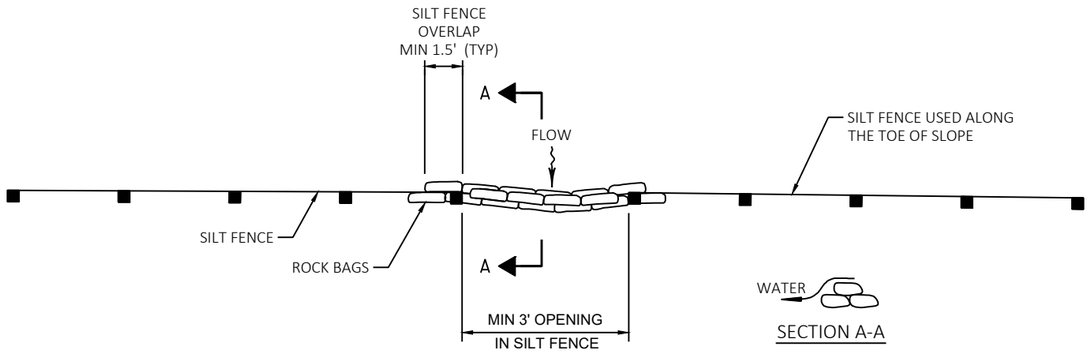


ADJUSTING MANHOLE COVERS

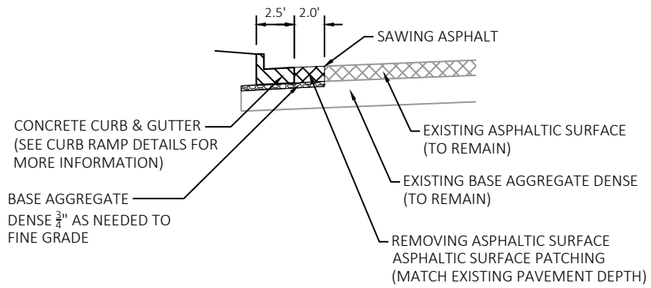


*SEE TYPICAL SECTIONS AND PLAN FOR APPLICABLE AREAS OF HMA AND BREAKER RUN AND TO DETERMINE IF BASE PATCHING CONCRETE OR CONCRETE PAVEMENT REPAIR/REPLACEMENT IS REQUIRED.

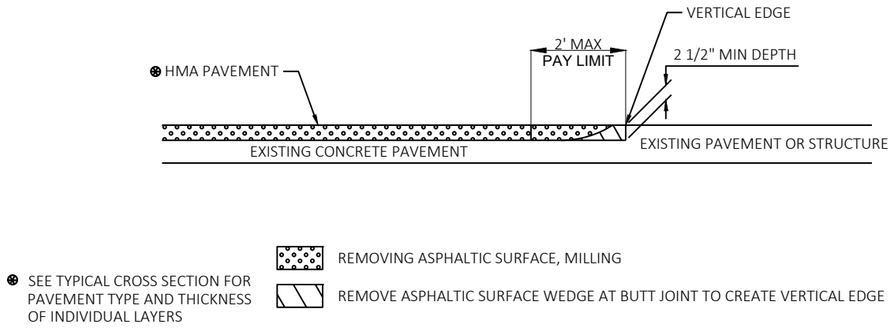
PAVEMENT AT STORM SEWER REPLACEMENTS



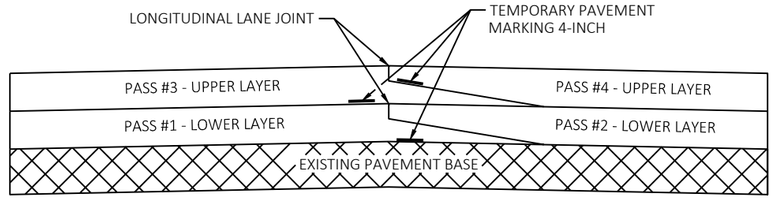
ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL



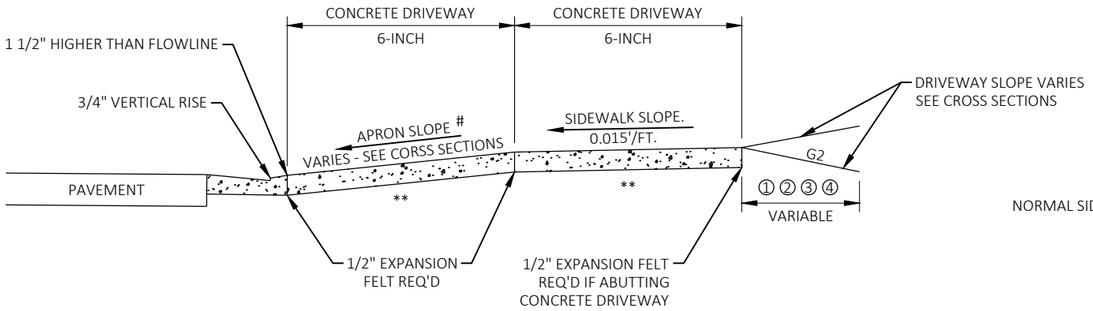
CURB REPLACEMENT DETAIL IN AREAS OF ASPHALTIC SURFACE



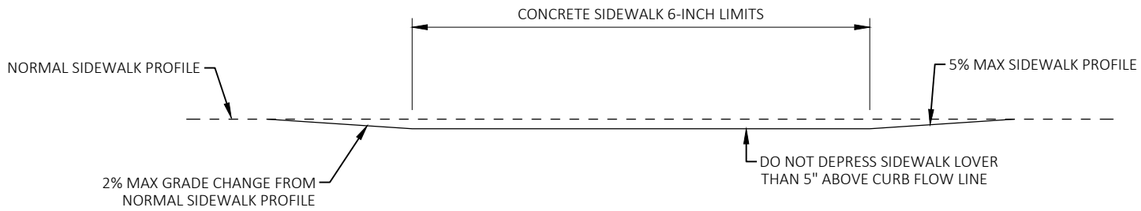
BUTT JOINT DETAIL FOR ASPHALTIC OVERLAY ON CONCRETE PAVEMENT (NO PROFILE CHANGE)



PAVEMENT MARKING DETAIL FOR TAPERED OVERLAPPING JOINTS IN HMA PAVEMENTS



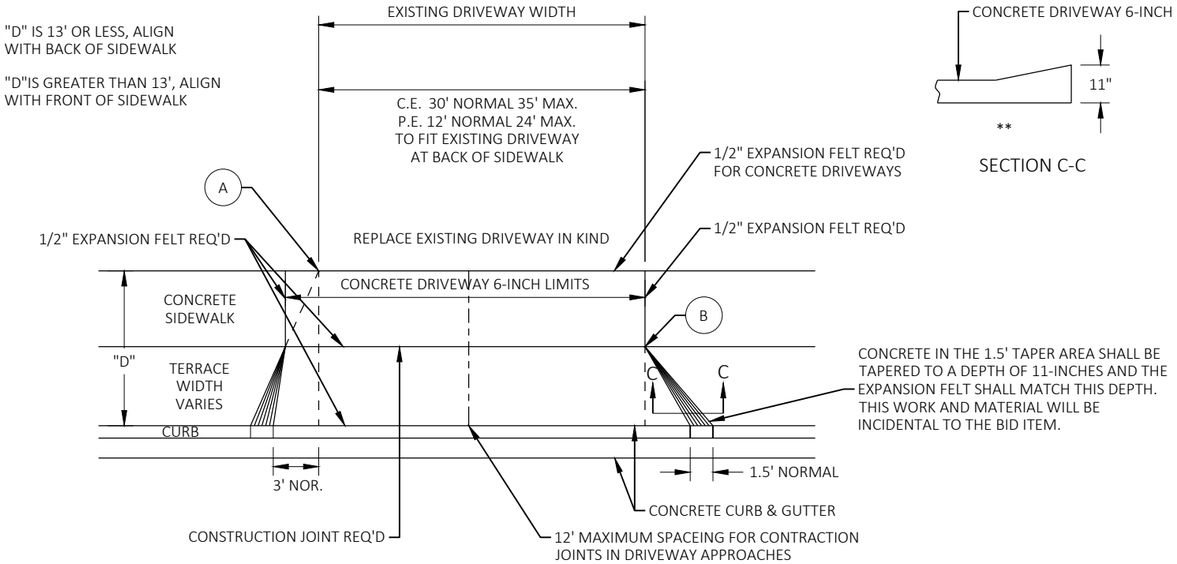
TYPICAL SIDEWALK SECTION



DEPRESSED SIDEWALK PROFILE DETAIL

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

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



PLAN VIEW

SECTION C-C

① – 6" CONCRETE DRIVEWAY OR H.E.S. CONCRETE DRIVEWAY

② – 6" BASE AGGREGATE DENSE 1 1/4-INCH

③ – RESIDENTIAL - 4" BASE AGGREGATE DENSE 1 1/4-INCH
BASE WITH 2" ASPHALTIC SURFACE (OR MATCH EXISTING)

④ – COMMERCIAL - MINIMUM 9" BASE AGGREGATE DENSE 1 1/4-INCH
BASE WITH MINIMUM 3" ASPHALTIC SURFACE (OR MATCH EXISTING)

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

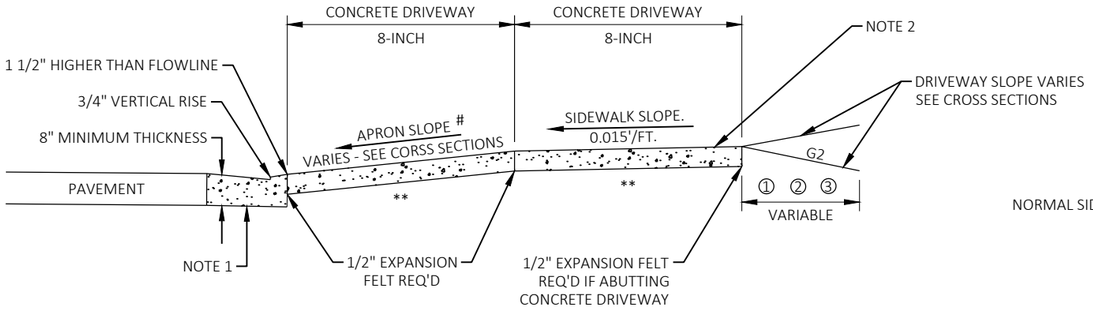
NOTES:

1. ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 NOT TO EXCEED 15%.

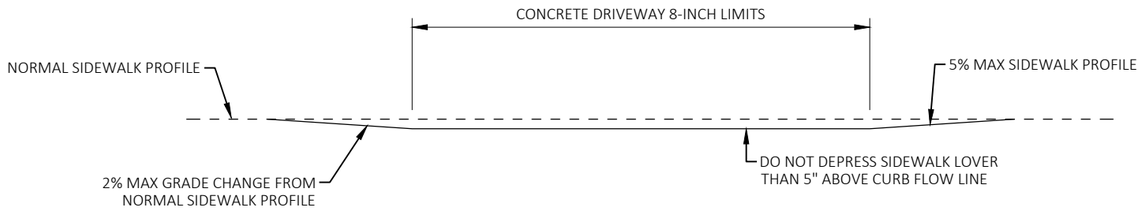
URBAN DRIVEWAY WITH SIDEWALK DETAIL
STANDARD

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 021003-cd
PLOT DATE : 10/5/2022 2:52 PM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



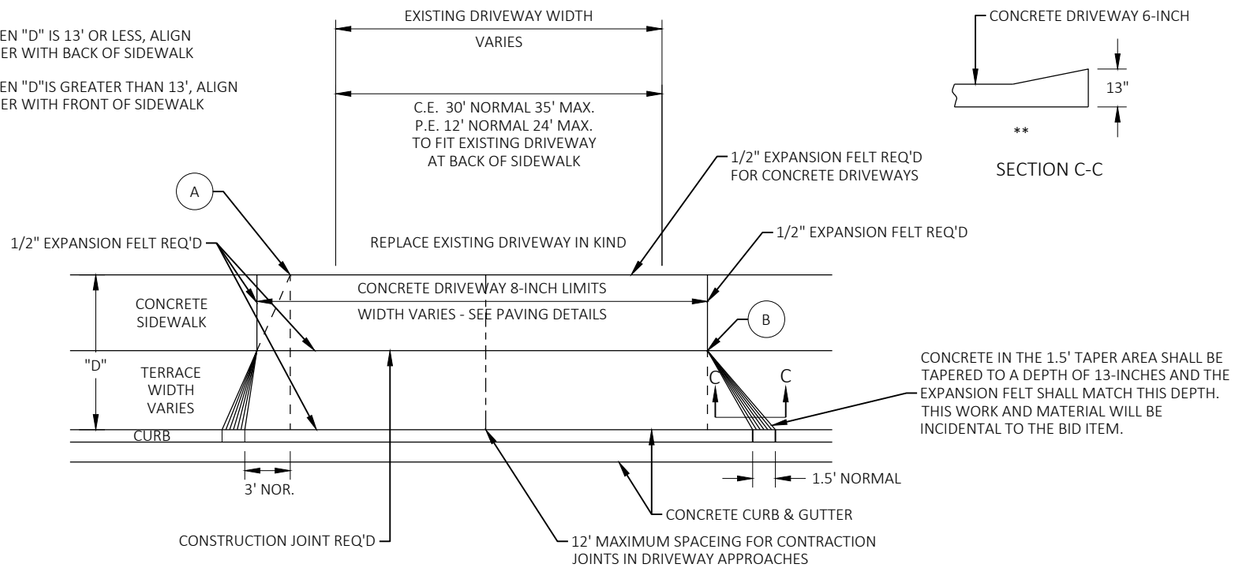
TYPICAL SIDEWALK SECTION



DEPRESSED SIDEWALK PROFILE DETAIL

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

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



PLAN VIEW

SECTION C-C

① – 8" CONCRETE DRIVEWAY OR H.E.S. CONCRETE DRIVEWAY

② – 6" BASE AGGREGATE DENSE 1 1/4-INCH

③ – MINIMUM 12" BASE AGGREGATE DENSE 1 1/4-INCH BASE WITH MINIMUM 4" ASPHALTIC SURFACE (OR MATCH EXISTING)

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

NOTES:

1. ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 NOT TO EXCEED 15%.
2. SOME SIDEWALK SECTIONS THRU DRIVEWAYS SLOPE AWAY FROM ROADWAY.

URBAN DRIVEWAY WITH SIDEWALK DETAIL
INDUSTRIAL/HEAVY TRUCK TRAFFIC

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 021004-cd
PLOT DATE : 10/5/2022 2:52 PM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

NOTE:
STATION AND OFFSETS ARE SHOWN TO THE FLANGE LINE OF THE CURB AND GUTTER.

CONCRETE CURB & GUTTER 18-INCH TYPE A

CONCRETE MEDIAN SLOPED NOSE TYPE 1

CONCRETE SIDEWALK 5-INCH

CONCRETE PAVEMENT 9-INCH (DOWELED)

SAWCUT

STA 152+50.01
-18.32' LT
EL 781.41

STA 152+46.68
-18.32' LT
EL 781.34

STA 152+75.01
-18.36' LT
EL 781.84

STA 152+88.18
-18.37' LT
EL 782.07

STA 152+88.40
-14.44' LT
EL 782.00

STA 152+86.29
-16.32' LT
Y=566406.059
X=814373.358
R=1' TO FACE OF CURB

STA 152+20.35
-10.55' LT
EL 780.83

STA 152+25
-10.81' LT
EL 780.91

STA 152+50
-12.24' LT
EL 781.34

STA 152+75
-13.67' LT
EL 781.77

151+00

152+00

153+00

154+00

STH 96 (WISCONSIN AVE)

CTH AA (BLUEMOUND DR)

EXIST R/W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	INTERSECTION DETAILS	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021101-id

PLOT DATE : 10/6/2022 1:44 PM

PLOT BY : MARTIN, THOMAS S

PLOT NAME :

PLOT SCALE : 1 IN:20 FT

2

NOTE:
STATION AND OFFSETS ARE SHOWN TO THE FLANGE LINE OF THE CURB AND GUTTER.

CTH AA (BLUEMOUND DR)

EXIST R/W

EXIST R/W

N

STH 96 (WISCONSIN AVE)

STA 155+00
-2.43' LT
EL 783.93

STA 154+96
-2.22' LT
EL 783.97

CONCRETE PAVEMENT 9-INCH (DOWELED)

CONCRETE MEDIAN
SLOPED NOSE TYPE 1

SAWCUT

PC: 155+07.51

STA 155+14.51
-3.19' LT
EL 783.78

STA 155+30.94
-4.06' LT
EL 783.86 HP

STA 155+50
-5.08' LT
EL 783.81

STA 155+58.10
-5.52' LT
EL 783.78

STA 155+62.20
-5.47' LT
EL 783.77

154+00

155+00

156+00

157+00

STA 154+95.98
1.60' RT
EL 783.92

STA 155+00
1.69' RT
EL 783.94

STA 155+25
1.87' RT
EL 783.97

STA 155+49.26
2.02' RT
EL 783.90

CONCRETE SIDEWALK 5-INCH

STA 154+97.99
-0.32' LT
Y=566395.531
X=814585.400
R=1' TO FACE OF CURB

CONCRETE CURB & GUTTER 18-INCH TYPE A

EXIST R/W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	INTERSECTION DETAILS	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021102-id

PLOT DATE : 10/6/2022 1:44 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

N

PROPOSED R/W

EXISTING 60-INCH STORM SEWER PIPE TO BE LINED

EXISTING CANTILEVER RR SIGNAL & GATE

FOX VALLEY AND LAKE SUPERIOR RAIL SYSTEM LLC

EXISTING RR BUNGALOW

TLE

RAILROAD HMA RESURFACING LIMITS

SLOPE INTERCEPTS

CONCRETE PAVEMENT REPAIR

EXISTING R/W

MH

6

18.5'

20.8'

11.0'

10.8'

13.0'

14.6'

EXISTING RR SIGNAL & GATE

RAILROAD HMA RESURFACING LIMITS

EXISTING OVERHEAD LIGHTING

SS

MH

10.8'

14.8'

203+00

203+50

204+00

204+50

205+00

205+50

206+00

207+00

207

10.8'

10.8'

10.8'

RAILROAD HMA RESURFACING LIMITS

13.0'

16.5'

90°

EXISTING RR SIGNAL

STH 96

STOP BAR

3.8'

18.7'

21.7'

RAILROAD HMA RESURFACING LIMITS

ONLY

RR

RR

RR

790.409

CONCRETE PAVEMENT REPAIR

CONCRETE PAVEMENT REPAIR

4.8'

SS

EXISTING CANTILEVER RR SIGNAL & GATE

MH

EXISTING R/W

SLOPE INTERCEPTS

TLE

EXISTING MANHOLE TO BE SEALED

EXISTING R/W PROPERTY LINE

PROPOSED R/W

EXISTING R/W SECTION LINE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN DETAILS	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\RAILROAD SUBMITTAL PACKAGE\021201-PD-RRSP.DWG
LAYOUT NAME - 021201-pd-RRSP

PLOT DATE : 8/1/2022 4:27 PM PLOT BY : CAMPSHURE, MICHAEL R PLOT NAME : PLOT SCALE : 1 IN:30FT

WISDOT/CADDS SHEET 42

2

2

N

EXISTING R/W

11.2'

10.8'

10.8'

RR

RR

207+50

208+00

208+50

209+00

209+50

210+00

210+50

211+00

211+50

STH 96

EXISTING R/W

N BADGER AVE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN DETAILS	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\RAILROAD SUBMITTAL PACKAGE\021201-PD-RRSP.DWG
LAYOUT NAME - 021202-pd-RRSP

PLOT DATE : 8/1/2022 4:27 PM PLOT BY : CAMPSHURE, MICHAEL R PLOT NAME : PLOT SCALE : 1 IN:30FT

2

N. CASALOMA DR

REMOVE EXISTING
APRON ENDWALL

SS

F

EL

STH 96

BP: 100+00.00

PI: 102+02.69

BEGIN PROJECT
STA 101+73.46

101+00

102+00

103+00

104+00

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE PAVEMENT
- XXXXXXXXX SAWCUT*
- ZZZ REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES

*SAWCUTS FOR STORM SEWER NOT SHOWN IN PLAN.
SEE MISCELLANEOUS QUANTITIES FOR DETAILS.

N

2

N. CASALOMA DR

STA 101+85.83, 44.92' R

STA 101+73.46, 56.86' R

SAN

WV

STA 110+75.56, -113.90' L

STA 110+69.04, -106.66' L

STA 110+79.26, -92.91' L

STA 110+89.31, -106.30' L

STA 111+05.77, -86.47' L

STA 111+09.57, -87.98' L

STA 111+17.10, -79.10' L

STA 111+18.69, -78.69' L

STA 110+96.79, -76.09' L

STA 111+04.45, -66.09' L

STA 111+23.23, -65.99' L

CTH GV

STH 96

PI: 108+59.01

STA 111+06.01, -37.37' L

STA 111+00.50, -10.00' L

106+00

107+00

108+00

109+00

110+00

111+00

112+00

STA 110+93.50, 38.55' R

STA 111+27.45, 48.03' R

STA 111+30.11, 50.58' R

STA 111+39.41, 74.01' R

REMOVE EXISTING
24" CMP

REMOVE EXISTING
18" CMP

W

FO

OH

EXIST R/W

GUY

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET E

2

CTH GV

STH 96

PI: 112+27.54

112+00 113+00 114+00 115+00 116+00

SS

STA 112+21.59, 56.30' R

SS WV

STA 112+42.36, 60.01' R

STA 112+42.33, 69.88' R

FO FO OH OH

EXIST R/W EXIST R/W

N

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE PAVEMENT
- XXXXXXXXX SAWCUT*
- ZZZ REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES

*SAWCUTS FOR STORM SEWER NOT SHOWN IN PLAN.
SEE MISCELLANEOUS QUANTITIES FOR DETAILS.

SAN SAN SAN SAN SAN SAN SAN SAN

OH OH OH OH OH OH OH OH OH

G G G G G G G G G

WV GV

N. COLORADO AVE

REMOVING SURFACE DRAIN

MOVING SIGNS TYPE II

STA 122+71.30, -60.02' L

STA 123+27.37, -58.92' L

STH 96

PI: 118+56.40

119+00 120+00 121+00 122+00 123+00 124+00

ZZZ

EXIST R/W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 021102-rm

PLOT DATE : 10/4/2022 5:01 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

STA 125+84.49, -69.76' L
STA 126+05.97, -72.69' L
STA 125+71.88, -71.19' L
STA 125+38.20, -67.02' L
STA 126+18.55, -56.20' L
STA 125+14.35, -55.81' L
STA 125+62.16, -61.17' L
STA 125+84.93, -60.47' L
STH 96
PI: 125+07.90
IH 41
IH 41
125+00
126+00
127+00
128+00
129+00
130+00
STA 129+51.77, -95.83' L
STA 129+17.81, -85.27' L
STA 129+08.09, -73.24' L
STA 129+76.91, -73.75' L
REMOVING SURFACE DRAIN
REMOVE EXISTING APRON ENDWALL
REMOVE EXISTING APRON ENDWALL
STA 130+05.81, 43.19' R
STA 130+03.50, 38.80' R
STA 129+95.63, 37.01' R
STA 129+64.18, 35.78' R
STA 129+44.58, 27.28' R
STA 129+13.93, 25.68' R
STA 128+99.08, 32.04' R
STA 128+98.99, 36.86' R
STA 129+17.59, 40.89' R
STA 129+42.86, 41.68' R
STA 129+55.65, 44.22' R
STA 129+78.60, 48.45' R
STA 125+81.63, 30.61' R
STA 126+11.97, 26.50' R
STA 125+67.56, 44.69' R
STA 125+31.26, 44.89' R
STA 126+22.89, 43.23' R
STA 126+22.78, 48.13' R
STA 125+36.68, 57.32' R
STA 125+34.59, 61.89' R
EXIST R/W
STA 126+07.38, 51.19' R
STA 125+87.84, 49.46' R
STA 125+75.78, 51.86' R
STA 125+57.32, 61.60' R
EXIST R/W
EXIST R/W
STH 96
PC: 132+34.86
PT: 132+94.12
132+00
133+00
134+00
135+00
136+00
STA 134+43.14, 36.46' R
STA 133+60.66, 36.45' R
STA 134+46.28, 41.69' R
STA 133+48.85, 41.67' R
STA 134+46.14, 46.69' R
W. WHEELER RD
STA 133+48.77, 48.36' R
PROPOSED R/W
TLE
TLE
STA 133+86.58, 48.40' R
STA 134+27.47, 48.35' R

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE PAVEMENT
- XXXXXXXXX SAWCUT*
- ZZZ REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES

*SAWCUTS FOR STORM SEWER NOT SHOWN IN PLAN.
SEE MISCELLANEOUS QUANTITIES FOR DETAILS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 021103-rm
PLOT DATE : 10/4/2022 5:01 PM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

EXIST R/W

STH 96

137+00 138+00 139+00 140+00 141+00

EXIST R/W

STA 139+94.05, 36.33' R
STA 139+89.67, 44.02' R
STA 139+89.87, 48.98' R
STA 140+19.74, 44.99' R

N. WESTHILL BLVD

STA 141+46.73, 33.39' R
STA 141+47, 38.39' R
STA 141+20.05, 41.25' R

EXIST R/W

STH 96

CN RAILROAD

143+00 144+00 145+00 146+00 147+00 148+00

20053
666.176
SSMH

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE PAVEMENT
- XXXXXXXXX SAWCUT*
- ZZZ REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES

*SAWCUTS FOR STORM SEWER NOT SHOWN IN PLAN.
SEE MISCELLANEOUS QUANTITIES FOR DETAILS.

N

2

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 021104-rm

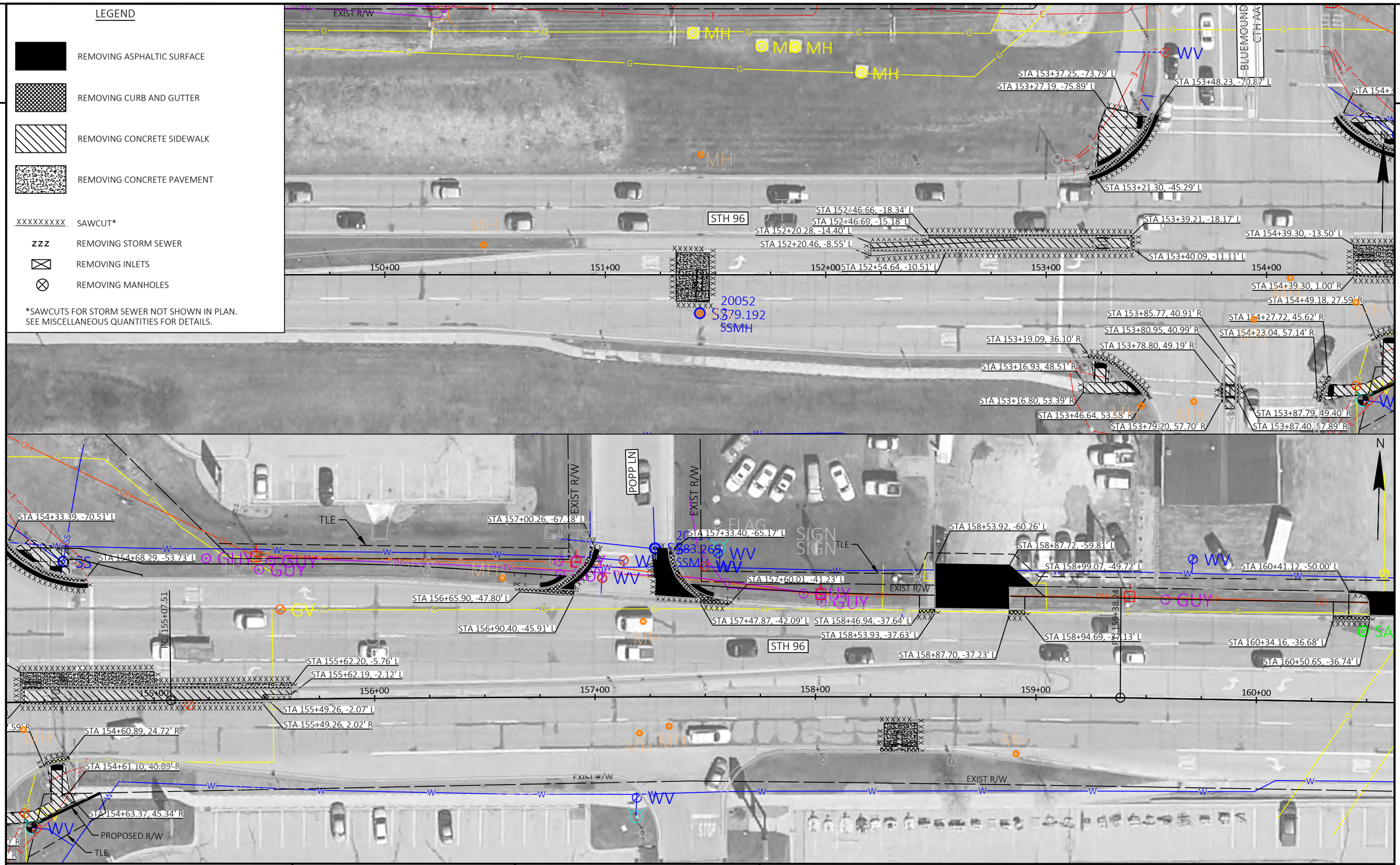
PLOT DATE : 10/4/2022 5:02 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE PAVEMENT
- XXXXXXXXXX SAWCUT*
- ZZZ REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES

*SAWCUTS FOR STORM SEWER NOT SHOWN IN PLAN.
SEE MISCELLANEOUS QUANTITIES FOR DETAILS.



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 021105-rm

PLOT DATE : 10/4/2022 5:02 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE PAVEMENT
- XXXXXXXXX SAWCUT*
- ZZZ REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES

*SAWCUTS FOR STORM SEWER NOT SHOWN IN PLAN. SEE MISCELLANEOUS QUANTITIES FOR DETAILS.

STA 161+44.36, -51.61' L
TLE
STA 161+92.91, -51.51' L
STA 163+38, -55.00' L
STA 163+72.52, -55.00' L
STA 166+60.87, -60.92' L
EXIST R/W
STA 166+42.09, -36.78' L
74' L
STA 160+82.98, -36.73' L
STA 160+75.98, -36.76' L
STA 161+44.49, -36.85' L
STA 161+51.49, -36.86' L
STA 161+94.29, -36.73' L
STA 161+86.27, -36.77' L
STA 163+34.61, -36.78' L
STA 163+45.02, -36.79' L
STA 163+77.42, -36.84' L
STA 163+70.42, -36.81' L
STA 166+56.20, -36.79' L
STH 96
161+00
162+00
163+00
164+00
166+00
N
STA 165+34.94, 35.61' R
STA 166+49.35, 41.41' R
STA 166+46.38, 37.49' R
PROPOSED R/W
STA 166+33.52, 41.69' R
EXIST R/W
STA 165+37.89, 39.72' R
STA 165+37.85, 44.25' R
PROPOSED R/W
TLE
STA 166+28, 52.73' R
STA 165+81.59, 59.40' R
TLE
60.92' L
STA 166+92.91, -61.00' L
STA 168+34.32, -52.98' L
EXIST R/W
STA 168+65.79, -53.00' L
TLE
REMOVING SURFACE DRAIN
STA 172+38.26, -59.13' L
STA 172+31.24, -59.15' L
EXIST R/W
N. REXFORD ST
.79' L
STA 167+10.17, -36.70' L
STA 166+96.54, -36.66' L
STA 168+16.04, -36.75' L
STA 168+29.22, -36.69' L
STA 168+84.21, -36.62' L
STA 168+71.46, -36.62' L
STA 172+04.79, -36.93' L
STA 172+15.17, -36.99' L
STA 172+38.31, -47.18' L
STH 96
167+00
168+00
169+00
170+00
171+00
172+00
EXIST R/W
TLE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 021106-rm
PLOT DATE : 10/4/2022 5:02 PM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

N. REXFORD ST

EXIST R/W

EXIST R/W

EXIST R/W

STA 172+77.11, -46.91' L

STA 172+96.76, -36.87' L

STH 96

173+00

174+00

175+00

176+00

177+00

STA 174+24.40, 26.21' R

STA 174+08.90, 31.11' R

STA 174+08.88, 35.99' R

STA 174+38.03, 38.45' R

STA 174+91.50, 26.55' R

STA 175+04.55, 31.08' R

STA 175+04.57, 36.08' R

STA 174+79.53, 38.74' R

EXIST R/W

EXIST R/W

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE PAVEMENT
- XXXXXXXXX SAWCUT*
- ZZZ REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES

*SAWCUTS FOR STORM SEWER NOT SHOWN IN PLAN.
SEE MISCELLANEOUS QUANTITIES FOR DETAILS.

N

2

N. LYNNDALE DR

STA 179+80.41, -74.84' L

STA 179+89.81, -75.02' L

STA 179+95.97, -66.21' L

STA 179+75.28, -48.34' L

PI: 179+83.08

STA 180+89.50, -69.28' L

STA 181+08.79, -55.61' L

EXIST R/W

TLE

STH 96

179+00

180+00

181+00

182+00

183+00

184+00

STA 179+76.72, 36.32' R

STA 179+72.70, 41.85' R

STA 179+72.93, 46.83' R

STA 179+97.47, 47.02' R

STA 181+04.92, 34.71' R

STA 180+95.48, 46.91' R

STA 181+19.36, 39.05' R

STA 181+19.72, 43.97' R

N. LYNNDALE DR

E. SERVICE RD

EXIST R/W

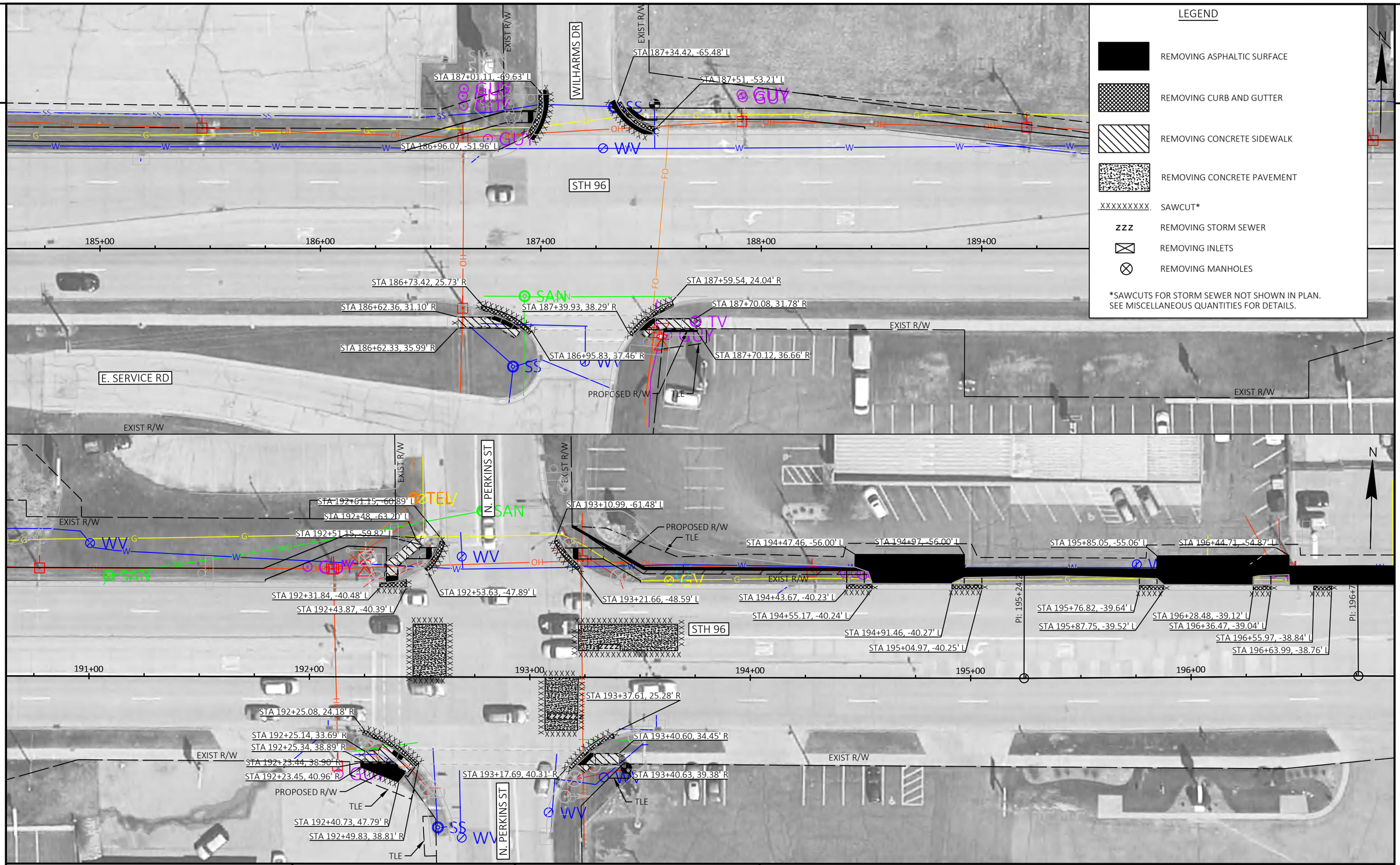
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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 021107-rm

PLOT DATE : 10/4/2022 5:02 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 021108-rm

PLOT DATE : 10/4/2022 5:02 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

STA 197+13.20, -50.00' L
STA 197+82.51, -50.00' L
STA 198+50.30, -49.87' L
TLE
STA 199+82.57, -55.00' L
STA 199+60.73, -55.00' L
PROPOSED R/W
EXIST R/W
STA 199+97.02, -55.02' L
STA 200+11.18, -54.96' L
STA 200+99.95, -51.54' L
STA 201+37.27, -51.60' L
STA 202+49.12, -50.00' L
STA 202+85.86, -56.00' L
STA 202+80.17, -50.00' L
PI: 196+47.76
STA 197+16.58, -38.
STA 197+06.40, -38.75' L
STA 197+91.24, -38.59' L
STA 197+83.24, -38.61' L
STA 198+39.25, -38.65' L
STA 198+31.25, -38.62' L
STA 199+40.84, -38.74' L
STA 199+57.66, -38.82' L
STA 200+14.75, -38.82' L
STA 200+32.75, -38.79' L
STA 200+90.97, -38.66' L
STA 200+98.97, -38.65' L
STA 201+34.72, -38.63' L
STA 201+42.72, -38.63' L
STA 202+41.26, -38.64' L
STA 202+49.27, -38.64' L
STA 202+80.32, -38.65' L
STA 202+85.32, -38.6
STH 96
SAN
197+00
198+00
199+00
202+00
STA 198+50.65, 21.92' R
STA 198+49.90, 27.85' R
STA 198+49.85, 32.78' R
STA 198+62.52, 21.88' R
STA 198+76.91, 34.94' R
STA 199+48.72, 21.81' R
STA 199+56.62, 21.84' R
STA 199+68.14, 28.06' R
STA 199+68.06, 33.03' R
STA 199+33.73, 34.45' R
N. HARD DR
STA 203+53.16, -56.03' L
STA 204+75.69, -51.84' L
STA 204+35.49, -51.72' L
STA 203+54.53, -38.77' L
STA 203+49.52, -38.76' L
STA 203+14.53, -38.70' L
STA 203+05.53, -38.69' L
STA 204+26.52, -38.88' L
STA 204+35.52, -38.90' L
STA 204+77.20, -38.98' L
STA 204+72.20, -38.97' L
STA 206+73.66, -39.06' L
STA 206+96.12, -49.48' L
PI: 206+47.76
PI: 207+81.73
203+00
204+00
205+00
206+00
207+00
END PROJECT
STA 206+97.85
STA 206+78.49, 21.93' R
STA 206+75.28, 28.59' R
STA 206+79.37, 31.68' R
STA 206+16.06, 44.00' R
STA 205+95.51, 43.12' R
STA 205+95.52, 43.81' R
STA 206+16.08, 49.39' R
STA 206+41.86, 44.13' R
STA 206+41.88, 49.45' R
STA 206+97.85, 23.20' R
STA 206+97.94, 33.27' R
STA 206+93.84, 37.25' R
STA 206+68.41, 43.15' R
STA 206+87.72, 51.06' R
STA 206+84.32, 59.62' R
STA 206+65.35, 51.51' R
N. BADGER AVE
POST

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE PAVEMENT
- XXXXXXXXX SAWCUT*
- ZZZ REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES

*SAWCUTS FOR STORM SEWER NOT SHOWN IN PLAN. SEE MISCELLANEOUS QUANTITIES FOR DETAILS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 021109-rm
PLOT DATE : 10/4/2022 5:02 PM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:40 FT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS OVERVIEW	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021300-CR.DWG
LAYOUT NAME - 407540_021300a-cr

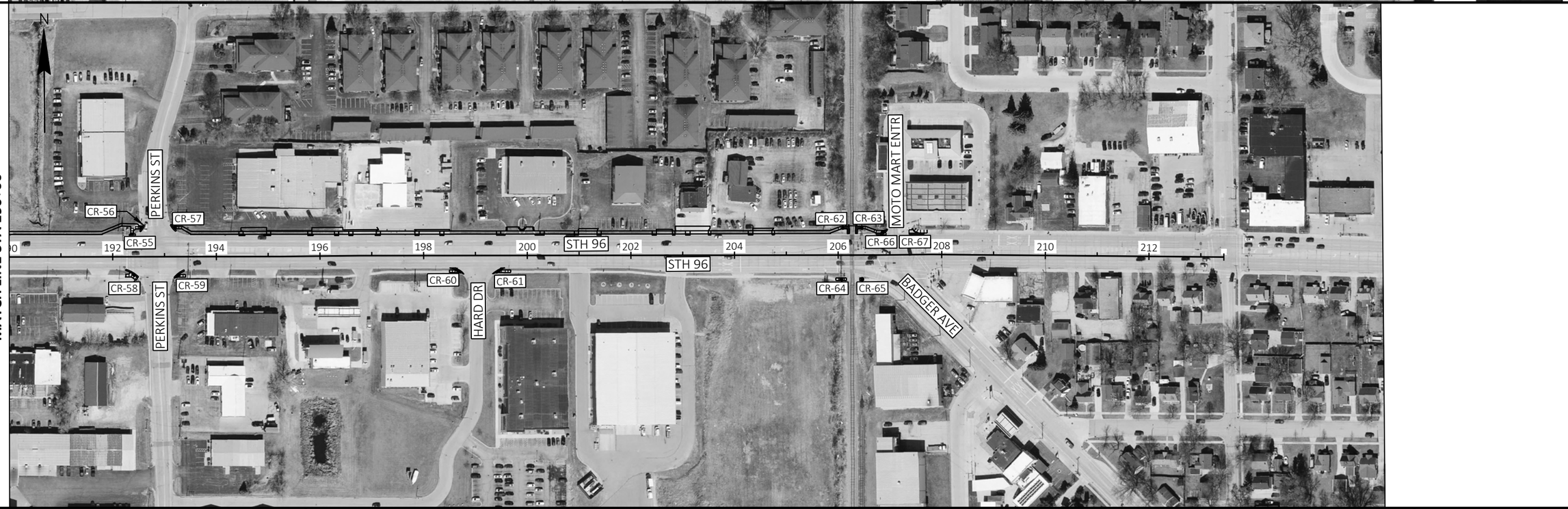
PLOT DATE : 8/17/2022 10:12 AM PLOT BY : TYLER TAVES PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

MATCH LINE STA 160+00



MATCH LINE STA 190+00



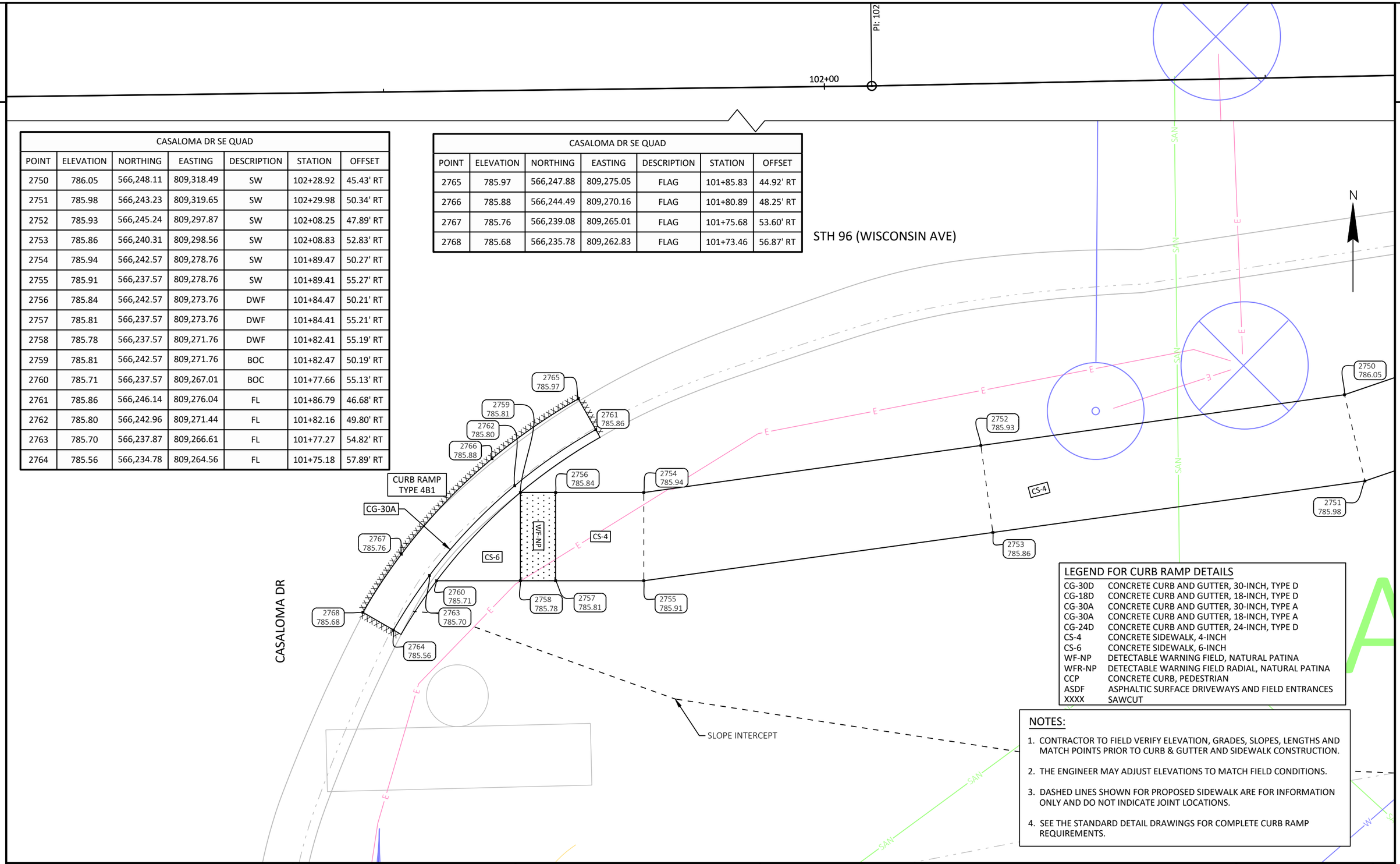
MATCH LINE STA 190+00

2

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS OVERVIEW	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021300-CR.DWG
LAYOUT NAME - 407540_021300b-cr

PLOT DATE : 8/17/2022 10:12 AM PLOT BY : TYLER TAVES PLOT NAME : PLOT SCALE : 1 IN:200 FT



CASALOMA DR SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2750	786.05	566,248.11	809,318.49	SW	102+28.92	45.43' RT
2751	785.98	566,243.23	809,319.65	SW	102+29.98	50.34' RT
2752	785.93	566,245.24	809,297.87	SW	102+08.25	47.89' RT
2753	785.86	566,240.31	809,298.56	SW	102+08.83	52.83' RT
2754	785.94	566,242.57	809,278.76	SW	101+89.47	50.27' RT
2755	785.91	566,237.57	809,278.76	SW	101+89.41	55.27' RT
2756	785.84	566,242.57	809,273.76	DWF	101+84.47	50.21' RT
2757	785.81	566,237.57	809,273.76	DWF	101+84.41	55.21' RT
2758	785.78	566,237.57	809,271.76	DWF	101+82.41	55.19' RT
2759	785.81	566,242.57	809,271.76	BOC	101+82.47	50.19' RT
2760	785.71	566,237.57	809,267.01	BOC	101+77.66	55.13' RT
2761	785.86	566,246.14	809,276.04	FL	101+86.79	46.68' RT
2762	785.80	566,242.96	809,271.44	FL	101+82.16	49.80' RT
2763	785.70	566,237.87	809,266.61	FL	101+77.27	54.82' RT
2764	785.56	566,234.78	809,264.56	FL	101+75.18	57.89' RT

CASALOMA DR SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2765	785.97	566,247.88	809,275.05	FLAG	101+85.83	44.92' RT
2766	785.88	566,244.49	809,270.16	FLAG	101+80.89	48.25' RT
2767	785.76	566,239.08	809,265.01	FLAG	101+75.68	53.60' RT
2768	785.68	566,235.78	809,262.83	FLAG	101+73.46	56.87' RT

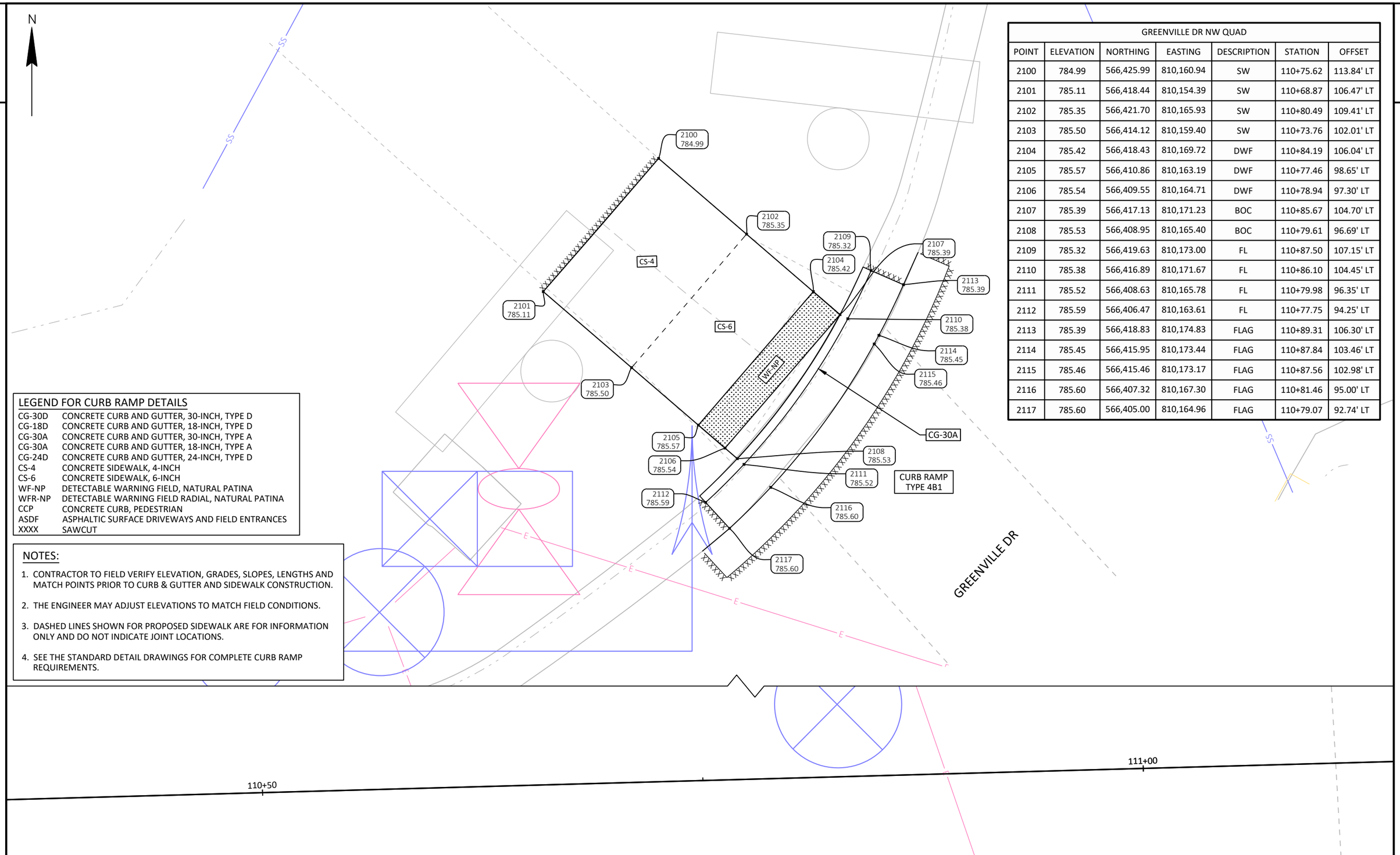
LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E



GREENVILLE DR NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2100	784.99	566,425.99	810,160.94	SW	110+75.62	113.84' LT
2101	785.11	566,418.44	810,154.39	SW	110+68.87	106.47' LT
2102	785.35	566,421.70	810,165.93	SW	110+80.49	109.41' LT
2103	785.50	566,414.12	810,159.40	SW	110+73.76	102.01' LT
2104	785.42	566,418.43	810,169.72	DWF	110+84.19	106.04' LT
2105	785.57	566,410.86	810,163.19	DWF	110+77.46	98.65' LT
2106	785.54	566,409.55	810,164.71	DWF	110+78.94	97.30' LT
2107	785.39	566,417.13	810,171.23	BOC	110+85.67	104.70' LT
2108	785.53	566,408.95	810,165.40	BOC	110+79.61	96.69' LT
2109	785.32	566,419.63	810,173.00	FL	110+87.50	107.15' LT
2110	785.38	566,416.89	810,171.67	FL	110+86.10	104.45' LT
2111	785.52	566,408.63	810,165.78	FL	110+79.98	96.35' LT
2112	785.59	566,406.47	810,163.61	FL	110+77.75	94.25' LT
2113	785.39	566,418.83	810,174.83	FLAG	110+89.31	106.30' LT
2114	785.45	566,415.95	810,173.44	FLAG	110+87.84	103.46' LT
2115	785.46	566,415.46	810,173.17	FLAG	110+87.56	102.98' LT
2116	785.60	566,407.32	810,167.30	FLAG	110+81.46	95.00' LT
2117	785.60	566,405.00	810,164.96	FLAG	110+79.07	92.74' LT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

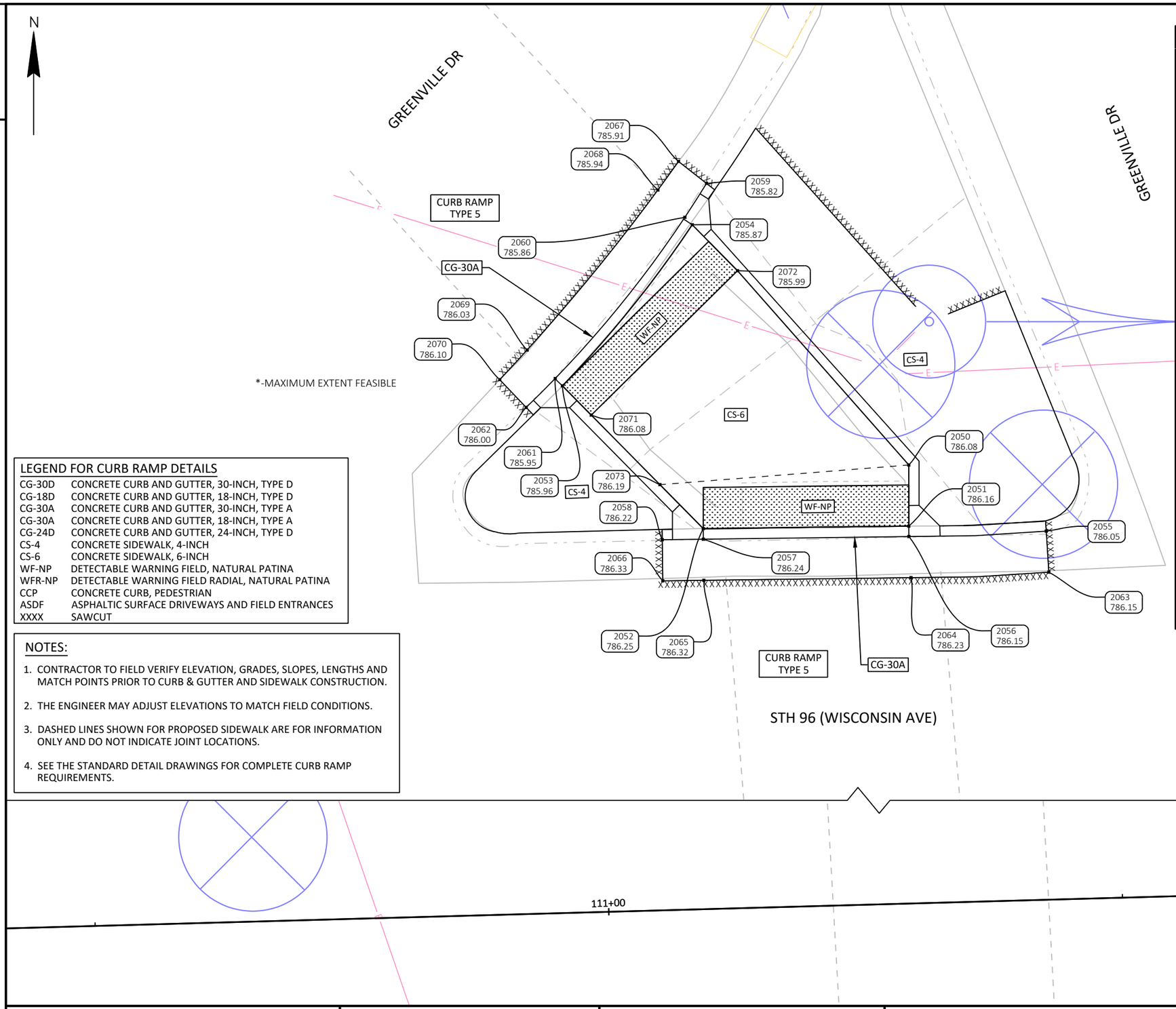
NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021302-cr

PLOT DATE : 9/30/2022 8:30 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT



*-MAXIMUM EXTENT FEASIBLE

GREENVILLE DR NW ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2050	786.08	566,384.69	810,203.03	SW	111+16.57	71.39' LT
2051	786.16	566,381.72	810,203.03	BOC	111+16.48	68.42' LT
2052	786.25	566,381.60	810,193.03	BOC	111+06.48	68.58' LT
2053	785.96	566,388.54	810,186.18	BOC	110+99.83	75.71' LT
2054	785.87	566,396.38	810,192.50	BOC	111+06.36	83.37' LT
2055	786.05	566,381.47	810,209.72	FL	111+23.16	67.99' LT
2056	786.15	566,381.21	810,203.04	FL	111+16.48	67.91' LT
2057	786.24	566,381.08	810,193.04	FL	111+06.48	68.06' LT
2058	786.22	566,381.05	810,191.04	FL	111+04.48	68.09' LT
2059	785.82	566,398.39	810,193.19	FL	111+07.11	85.36' LT
2060	785.86	566,396.74	810,192.14	FL	111+06.01	83.74' LT
2061	785.95	566,388.90	810,185.83	FL	110+99.48	76.07' LT
2062	786.00	566,387.49	810,184.42	FL	110+98.03	74.71' LT
2063	786.15	566,379.47	810,209.85	FLAG	111+23.23	65.99' LT
2064	786.23	566,379.21	810,203.15	FLAG	111+16.53	65.91' LT
2065	786.32	566,379.08	810,193.07	FLAG	111+06.45	66.06' LT
2066	786.33	566,379.05	810,191.07	FLAG	111+04.45	66.09' LT
2067	785.91	566,399.46	810,191.83	FLAG	111+05.77	86.47' LT
2068	785.94	566,398.07	810,190.83	FLAG	111+04.73	85.11' LT
2069	786.03	566,390.28	810,184.47	FLAG	110+98.16	77.50' LT
2070	786.10	566,388.84	810,183.13	FLAG	110+96.79	76.09' LT
2071	786.08	566,387.12	810,187.59	DWF	111+01.19	74.25' LT
2072	785.99	566,394.14	810,194.70	DWF	111+08.50	81.07' LT
2073	786.19	566,383.73	810,190.93	SW	111+04.44	70.77' LT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

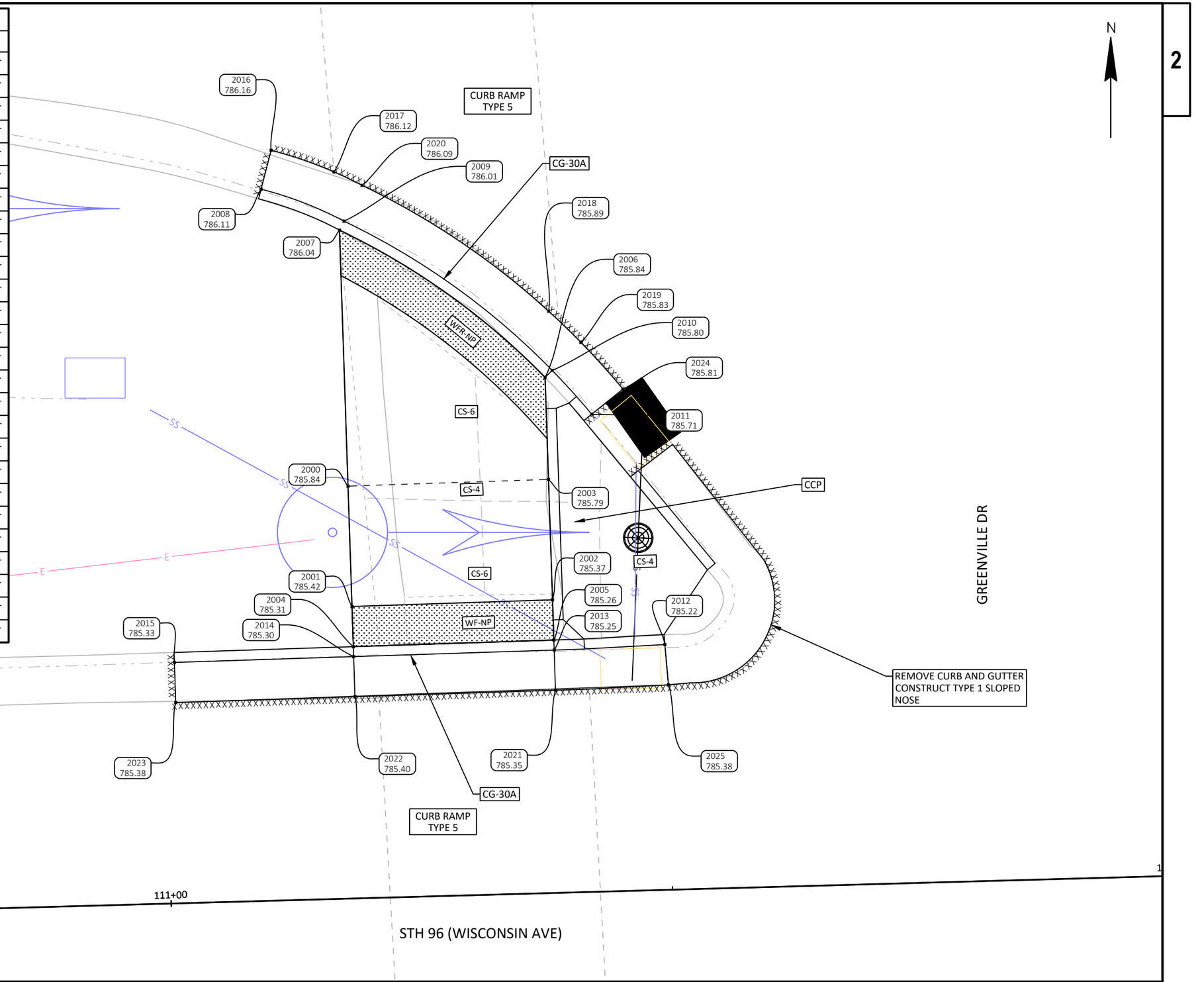
NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021303-cr
PLOT DATE : 9/30/2022 8:31 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

GREENVILLE DR W ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2000	785.84	566,333.66	810,197.25	SW	111+10.16	20.53' LT
2001	785.42	566,327.67	810,197.45	DWF	111+10.55	14.55' LT
2002	785.37	566,328.00	810,207.45	DWF	111+20.53	15.21' LT
2003	785.79	566,333.99	810,207.25	SW	111+20.14	21.19' LT
2004	785.31	566,325.66	810,197.52	BOC	111+10.69	12.55' LT
2005	785.26	566,325.99	810,207.51	DWF	111+20.67	13.21' LT
2006	785.84	566,339.08	810,207.08	BOC	111+19.87	25.12' LT
2007	786.04	566,346.41	810,196.83	BOC	111+09.31	33.30' LT
2008	786.11	566,348.45	810,192.92	FL	111+05.46	35.45' LT
2009	786.01	566,346.86	810,197.05	FL	111+09.54	33.74' LT
2010	785.80	566,339.42	810,207.43	FL	111+20.24	25.44' LT
2011	785.71	566,337.24	810,209.40	FL	111+21.62	23.79' LT
2012	785.22	566,325.77	810,213.05	FL	111+24.95	12.22' LT
2013	785.25	566,325.49	810,207.53	FL	111+20.74	12.10' LT
2014	785.30	566,325.17	810,197.54	FL	111+10.72	12.05' LT
2015	785.33	566,324.88	810,188.60	FL	111+00.49	12.00' LT
2016	786.16	566,350.39	810,193.42	FLAG	111+06.01	37.37' LT
2017	786.12	566,349.32	810,196.55	FLAG	111+09.11	36.21' LT
2018	785.89	566,342.38	810,207.25	FLAG	111+19.62	28.98' LT
2019	785.83	566,340.82	810,208.86	FLAG	111+21.74	26.77' LT
2020	786.09	566,348.65	810,197.95	FLAG	111+10.49	35.51' LT
2021	785.35	566,323.49	810,207.60	FLAG	111+20.87	10.17' LT
2022	785.40	566,323.17	810,197.60	FLAG	111+10.85	10.09' LT
2023	785.38	566,322.88	810,188.67	FLAG	111+00.50	10.00' LT
2024	785.81	566,338.49	810,210.96	FLAG	111+23.21	25.00' LT
2025	785.38	566,323.76	810,213.23	SW	111+25.08	10.21' LT



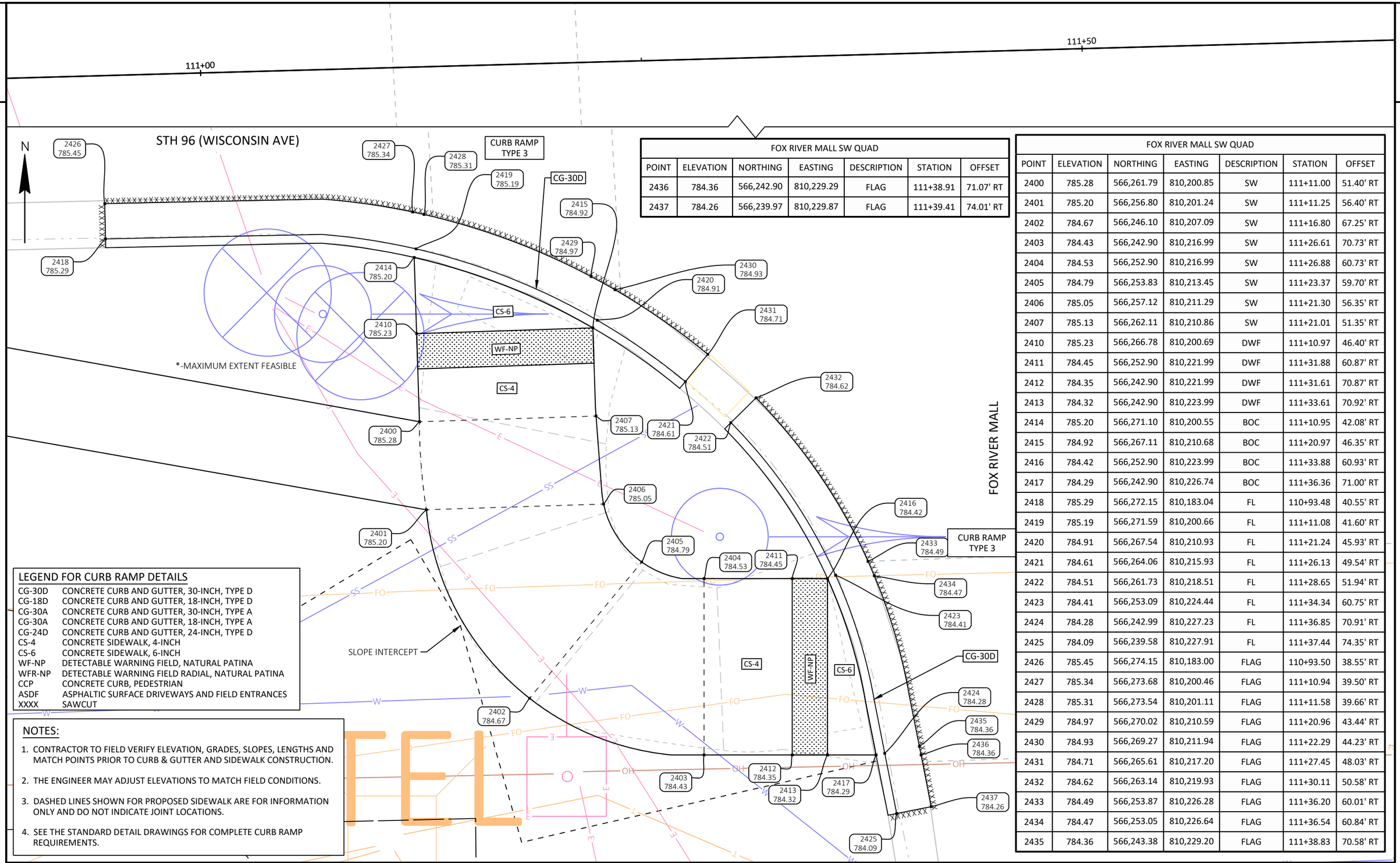
LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E



FOX RIVER MALL SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2436	784.36	566,242.90	810,229.29	FLAG	111+38.91	71.07' RT
2437	784.26	566,239.97	810,229.87	FLAG	111+39.41	74.01' RT

FOX RIVER MALL SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2400	785.28	566,261.79	810,200.85	SW	111+11.00	51.40' RT
2401	785.20	566,256.80	810,201.24	SW	111+11.25	56.40' RT
2402	784.67	566,246.10	810,207.09	SW	111+16.80	67.25' RT
2403	784.43	566,242.90	810,216.99	SW	111+26.61	70.73' RT
2404	784.53	566,252.90	810,216.99	SW	111+26.88	60.73' RT
2405	784.79	566,253.83	810,213.45	SW	111+23.37	59.70' RT
2406	785.05	566,257.12	810,211.29	SW	111+21.30	56.35' RT
2407	785.13	566,262.11	810,210.86	SW	111+21.01	51.35' RT
2410	785.23	566,266.78	810,200.69	DWF	111+10.97	46.40' RT
2411	784.45	566,252.90	810,221.99	DWF	111+31.88	60.87' RT
2412	784.35	566,242.90	810,221.99	DWF	111+31.61	70.87' RT
2413	784.32	566,242.90	810,223.99	DWF	111+33.61	70.92' RT
2414	785.20	566,271.10	810,200.55	BOC	111+10.95	42.08' RT
2415	784.92	566,267.11	810,210.68	BOC	111+20.97	46.35' RT
2416	784.42	566,252.90	810,223.99	BOC	111+33.88	60.93' RT
2417	784.29	566,242.90	810,226.74	BOC	111+36.36	71.00' RT
2418	785.29	566,272.15	810,183.04	FL	110+93.48	40.55' RT
2419	785.19	566,271.59	810,200.66	FL	111+11.08	41.60' RT
2420	784.91	566,267.54	810,210.93	FL	111+21.24	45.93' RT
2421	784.61	566,264.06	810,215.93	FL	111+26.13	49.54' RT
2422	784.51	566,261.73	810,218.51	FL	111+28.65	51.94' RT
2423	784.41	566,253.09	810,224.44	FL	111+34.34	60.75' RT
2424	784.28	566,242.99	810,227.23	FL	111+36.85	70.91' RT
2425	784.09	566,239.58	810,227.91	FL	111+37.44	74.35' RT
2426	785.45	566,274.15	810,183.00	FLAG	110+93.50	38.55' RT
2427	785.34	566,273.68	810,200.46	FLAG	111+10.94	39.50' RT
2428	785.31	566,273.54	810,201.11	FLAG	111+11.58	39.66' RT
2429	784.97	566,270.02	810,210.59	FLAG	111+20.96	43.44' RT
2430	784.93	566,269.27	810,211.94	FLAG	111+22.29	44.23' RT
2431	784.71	566,265.61	810,217.20	FLAG	111+27.45	48.03' RT
2432	784.62	566,263.14	810,219.93	FLAG	111+30.11	50.58' RT
2433	784.49	566,253.87	810,226.28	FLAG	111+36.20	60.01' RT
2434	784.47	566,253.05	810,226.64	FLAG	111+36.54	60.84' RT
2435	784.36	566,243.38	810,229.20	FLAG	111+38.83	70.58' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

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FIELD

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021305-cr
PLOT DATE : 9/30/2022 8:31 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

2

PI: 112+27.54

112+00

112+50

STH 96 (WISCONSIN AVE)

N

FOX RIVER MALL

CURB RAMP TYPE 4B1

CG-30D

CS-6

WF-NP

CS-4

SLOPE INTERCEPT

EXIST R/W

TLE

263 784.06
262 783.94
261 784.03
258 783.96
257 783.99
264 784.01
260 783.95
253 783.66
250 783.55
254 783.69
251 783.60
255 783.72
252 783.66
267 783.97
266 783.89
268 783.96
256 783.98
259 783.95
265 783.90
270 783.94
269 783.88

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
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CS-4	CONCRETE SIDEWALK, 4-INCH
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WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
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FOX RIVER MALL SE

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
250	783.55	566,256.78	810,332.03	SW	112+42.36	59.93' RT
251	783.60	566,251.78	810,332.12	SW	112+42.34	64.93' RT
252	783.66	566,246.79	810,332.21	SW	112+42.33	69.91' RT
253	783.66	566,256.46	810,323.60	SW	112+33.93	60.07' RT
254	783.69	566,251.46	810,323.75	SW	112+33.97	65.07' RT
255	783.72	566,246.48	810,323.90	SW	112+34.02	70.05' RT
256	783.98	566,246.12	810,314.53	DWF	112+24.20	70.19' RT
257	783.99	566,256.09	810,314.15	DWF	112+24.10	60.21' RT
258	783.96	566,256.02	810,312.15	BOC	112+22.10	60.23' RT
259	783.95	566,246.04	810,312.53	DWF	112+22.21	70.21' RT
260	783.95	566,256.24	810,311.71	FL	112+21.66	59.99' RT
261	784.03	566,257.16	810,309.93	FLAG	112+19.91	59.03' RT
262	783.94	566,258.85	810,313.22	FL	112+23.24	57.43' RT
263	784.06	566,259.94	810,311.53	FLAG	112+21.59	56.30' RT
264	784.01	566,255.91	810,309.31	FLAG	112+19.26	60.27' RT
265	783.90	566,245.91	810,308.98	BOC	112+18.65	70.25' RT
266	783.89	566,245.97	810,308.48	FL	112+18.16	70.17' RT
267	783.97	566,246.24	810,306.50	FLAG	112+16.18	69.85' RT
268	783.96	566,245.81	810,306.45	FLAG	112+16.12	70.28' RT
269	783.88	566,242.93	810,308.23	FL	112+17.82	73.20' RT
270	783.94	566,243.00	810,306.23	FLAG	112+15.82	73.08' RT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021306-cr

PLOT DATE : 9/30/2022 8:31 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

WISDOT/CADDS SHEET 42

2

N

FRONTAGE RD

BP: 10+00.00

COLORADO AVE NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1250	781.57	566,469.05	811,136.72	SW	10+20.94	23.67' LT
1251	781.50	566,464.04	811,136.86	SW	10+25.92	23.05' LT
1252	781.64	566,468.90	811,131.70	SW	10+20.34	18.69' LT
1253	781.57	566,463.90	811,131.86	SW	10+25.30	18.09' LT
1254	781.58	566,468.77	811,127.71	FL	10+19.86	14.72' LT
1255	781.49	566,463.77	811,127.71	FL	10+24.81	13.97' LT
1256	781.25	566,455.09	811,127.72	FL	10+33.39	12.67' LT
1257	781.66	566,468.71	811,125.71	FLAG	10+19.62	12.73' LT
1258	781.83	566,481.10	811,130.48	FL	10+08.09	19.33' LT
1259	781.57	566,463.70	811,125.71	FLAG	10+24.57	11.98' LT
1260	781.79	566,458.90	811,132.00	SW	10+30.27	17.48' LT
1261	781.72	566,459.04	811,137.00	SW	10+30.88	22.44' LT

1258 781.83

SLOPE INTERCEPT

CG-30D

1257 781.66

1254 781.58

1252 781.64

1250 781.57

CURB RAMP TYPE 3

WF-NP

CS-6

CS-4

1259 781.57

1251 781.50

1255 781.49

1253 781.57

1260 781.79

1261 781.72

COLORADO AVE

1256 781.25

PC: 10+37.49

OH

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

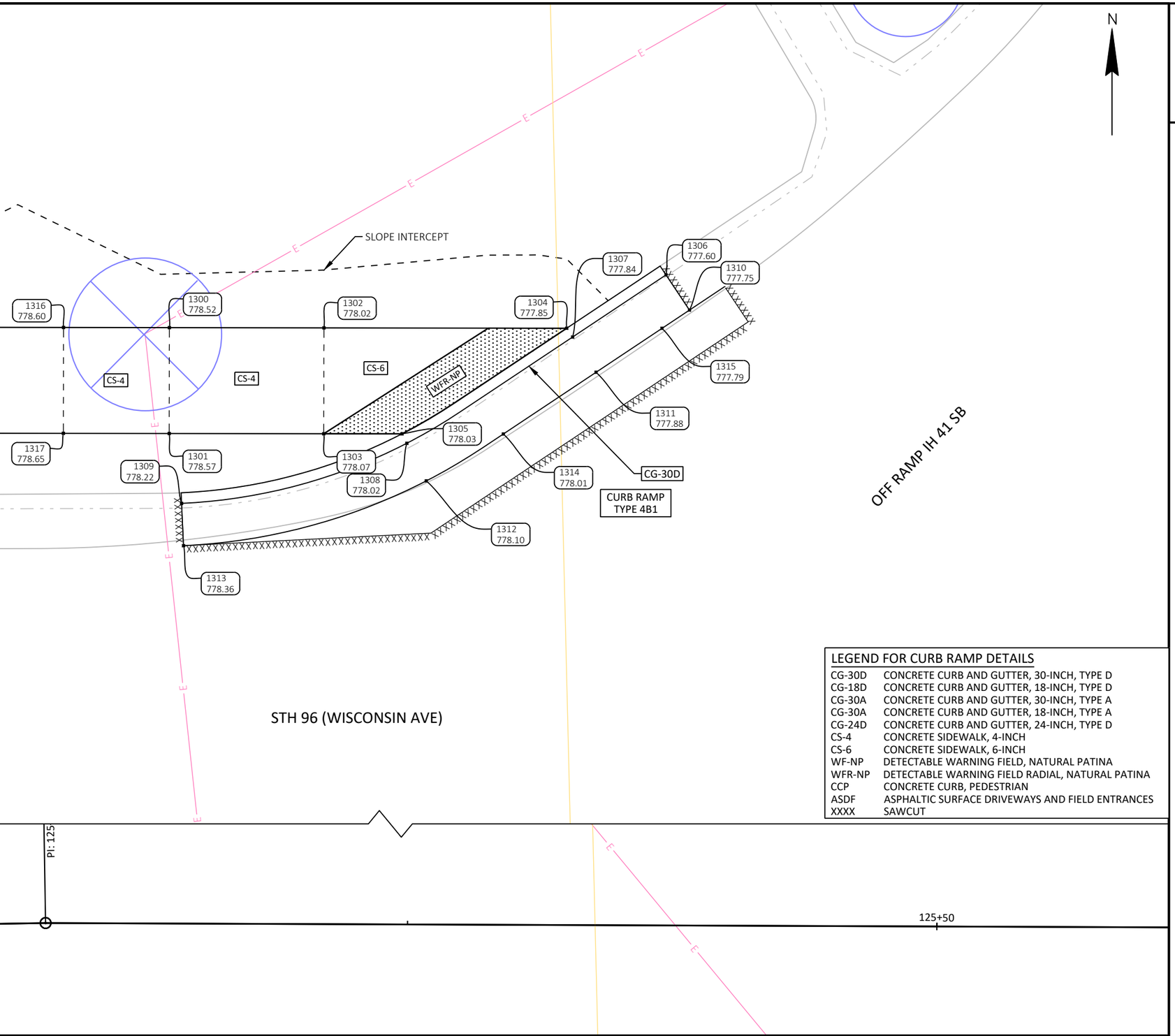
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021307-cr

PLOT DATE : 9/30/2022 8:32 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

OFF RAMP IH 41 SB NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1300	778.52	566,406.48	811,602.06	SW	125+13.64	66.10' LT
1301	778.57	566,401.48	811,602.05	SW	125+13.65	61.10' LT
1302	778.02	566,406.47	811,609.36	SW	125+20.94	66.12' LT
1303	778.07	566,401.47	811,609.35	DWF	125+20.95	61.12' LT
1304	777.85	566,406.45	811,620.82	BOC	125+32.41	66.14' LT
1305	778.03	566,401.47	811,613.05	BOC	125+24.65	61.13' LT
1306	777.60	566,408.98	811,625.51	FL	125+37.09	68.68' LT
1307	777.84	566,406.04	811,621.10	FL	125+32.69	65.73' LT
1308	778.02	566,401.02	811,613.27	FL	125+24.88	60.68' LT
1309	778.22	566,398.18	811,602.63	FL	125+14.25	57.80' LT
1310	777.75	566,407.31	811,626.62	FLAG	125+38.20	67.02' LT
1311	777.88	566,404.37	811,622.21	FLAG	125+33.80	64.07' LT
1312	778.10	566,399.24	811,614.19	FLAG	125+25.80	58.91' LT
1313	778.36	566,396.19	811,602.72	FLAG	125+14.35	55.81' LT
1314	778.01	566,401.46	811,617.83	FLAG	125+29.44	61.14' LT
1315	777.79	566,406.45	811,625.33	FLAG	125+36.91	66.15' LT
1316	778.60	566,406.49	811,597.06	SW	125+08.64	66.09' LT
1317	778.65	566,401.49	811,597.05	SW	125+08.65	61.09' LT



NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

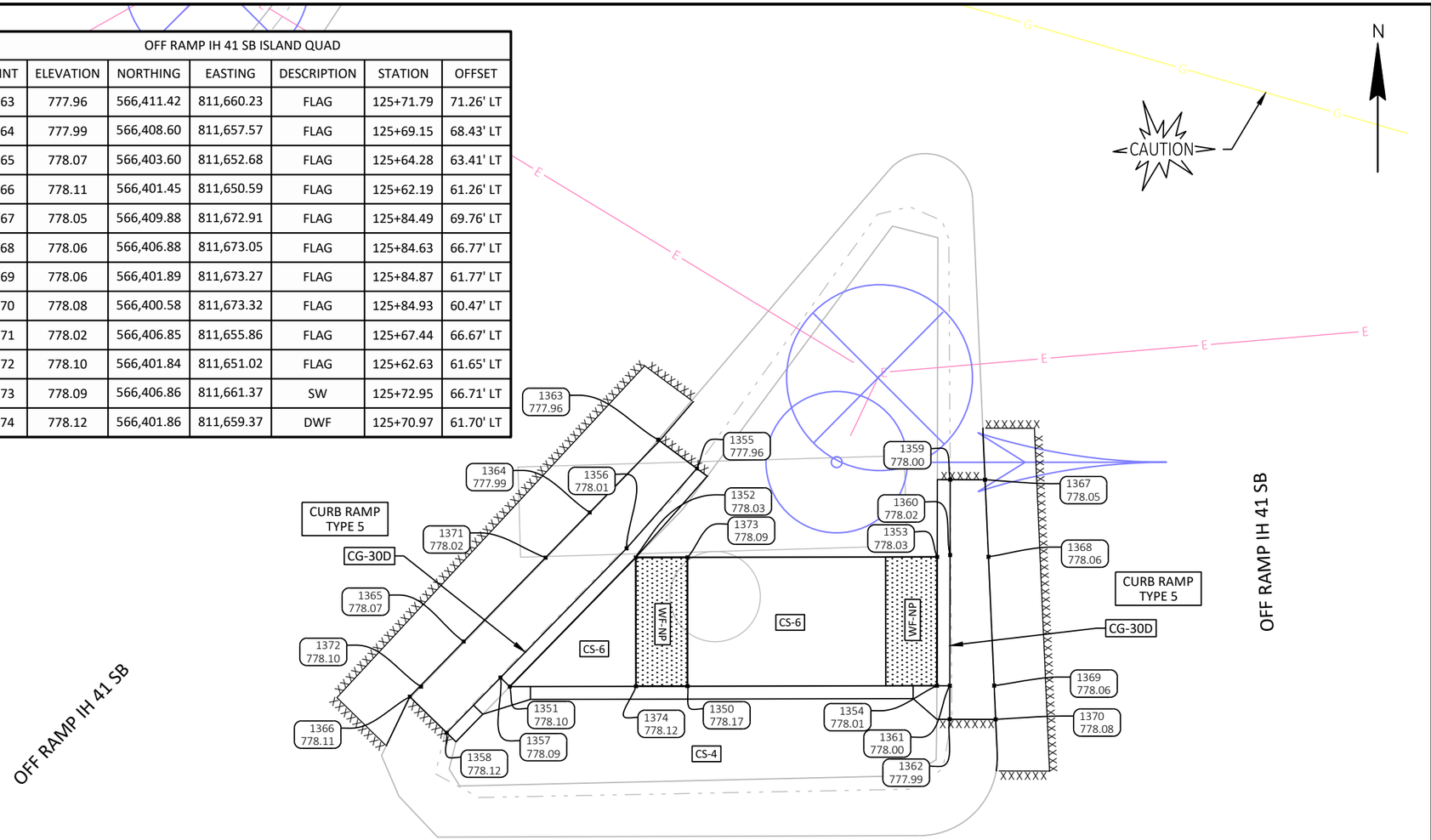
LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

OFF RAMP IH 41 SB ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1350	778.17	566,401.86	811,661.37	DWF	125+72.97	61.71' LT
1351	778.10	566,401.85	811,654.47	BOC	125+66.07	61.67' LT
1352	778.03	566,406.86	811,659.36	BOC	125+70.94	66.70' LT
1353	778.03	566,406.88	811,671.06	BOC	125+82.64	66.76' LT
1354	778.01	566,401.88	811,671.04	BOC	125+82.65	61.76' LT
1355	777.96	566,410.31	811,661.73	FL	125+73.30	70.15' LT
1356	778.01	566,407.21	811,659.00	FL	125+70.58	67.04' LT
1357	778.09	566,402.20	811,654.11	FL	125+65.71	62.01' LT
1358	778.12	566,400.06	811,652.02	FL	125+63.63	59.87' LT
1359	778.00	566,409.88	811,671.56	FL	125+83.14	69.76' LT
1360	778.02	566,406.95	811,671.56	FL	125+83.14	66.83' LT
1361	778.00	566,401.88	811,671.54	FL	125+83.15	61.76' LT
1362	777.99	566,400.58	811,671.54	FL	125+83.15	60.46' LT

OFF RAMP IH 41 SB ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1363	777.96	566,411.42	811,660.23	FLAG	125+71.79	71.26' LT
1364	777.99	566,408.60	811,657.57	FLAG	125+69.15	68.43' LT
1365	778.07	566,403.60	811,652.68	FLAG	125+64.28	63.41' LT
1366	778.11	566,401.45	811,650.59	FLAG	125+62.19	61.26' LT
1367	778.05	566,409.88	811,672.91	FLAG	125+84.49	69.76' LT
1368	778.06	566,406.88	811,673.05	FLAG	125+84.63	66.77' LT
1369	778.06	566,401.89	811,673.27	FLAG	125+84.87	61.77' LT
1370	778.08	566,400.58	811,673.32	FLAG	125+84.93	60.47' LT
1371	778.02	566,406.85	811,655.86	FLAG	125+67.44	66.67' LT
1372	778.10	566,401.84	811,651.02	FLAG	125+62.63	61.65' LT
1373	778.09	566,406.86	811,661.37	SW	125+72.95	66.71' LT
1374	778.12	566,401.86	811,659.37	DWF	125+70.97	61.70' LT

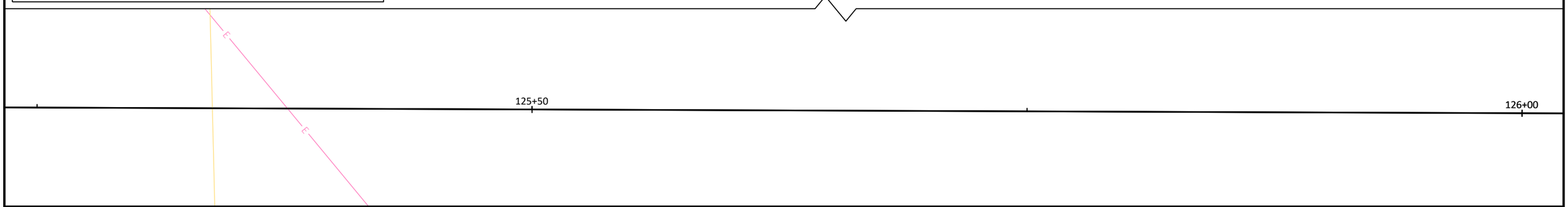


LEGEND FOR CURB RAMP DETAILS

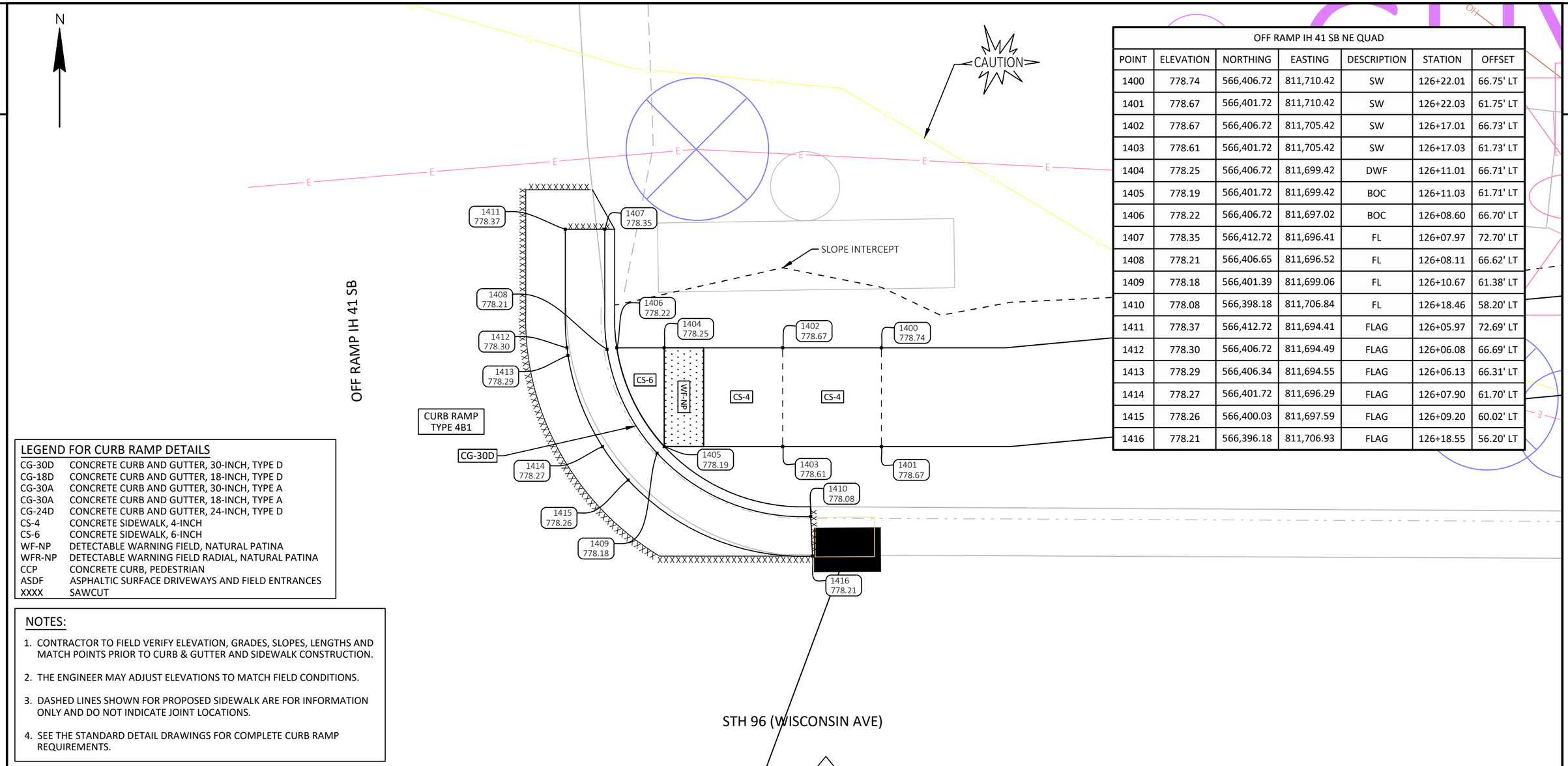
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E



OFF RAMP IH 41 SB NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1400	778.74	566,406.72	811,710.42	SW	126+22.01	66.75' LT
1401	778.67	566,401.72	811,710.42	SW	126+22.03	61.75' LT
1402	778.67	566,406.72	811,705.42	SW	126+17.01	66.73' LT
1403	778.61	566,401.72	811,705.42	SW	126+17.03	61.73' LT
1404	778.25	566,406.72	811,699.42	DWF	126+11.01	66.71' LT
1405	778.19	566,401.72	811,699.42	BOC	126+11.03	61.71' LT
1406	778.22	566,406.72	811,697.02	BOC	126+08.60	66.70' LT
1407	778.35	566,412.72	811,696.41	FL	126+07.97	72.70' LT
1408	778.21	566,406.65	811,696.52	FL	126+08.11	66.62' LT
1409	778.18	566,401.39	811,699.06	FL	126+10.67	61.38' LT
1410	778.08	566,398.18	811,706.84	FL	126+18.46	58.20' LT
1411	778.37	566,412.72	811,694.41	FLAG	126+05.97	72.69' LT
1412	778.30	566,406.72	811,694.49	FLAG	126+06.08	66.69' LT
1413	778.29	566,406.34	811,694.55	FLAG	126+06.13	66.31' LT
1414	778.27	566,401.72	811,696.29	FLAG	126+07.90	61.70' LT
1415	778.26	566,400.03	811,697.59	FLAG	126+09.20	60.02' LT
1416	778.21	566,396.18	811,706.93	FLAG	126+18.55	56.20' LT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

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3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

2

125+50

STH 96 (WISCONSIN AVE)

ON RAMP IH 41 SB

POST

N

2613 777.66
2609 777.50
2617 777.45
2610 777.41
2614 777.49
CURB RAMP TYPE 3
CG-30D
2600 778.01
2607 777.43
2611 777.39
2615 777.48
2603 777.82
WF-NP
CS-6
CS-4
CS-4
2601 778.09
2616 777.47
2606 777.42
2608 777.40
2612 777.36
2602 777.89
2605 777.73
2604 777.80
SLOPE INTERCEPT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

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2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
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4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ON RAMP IH 41 SB SW QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2600	778.01	566,282.99	811,624.61	SW	125+36.66	57.31' RT
2601	778.09	566,278.41	811,622.52	SW	125+34.59	61.89' RT
2602	777.89	566,276.00	811,626.54	SW	125+38.62	64.28' RT
2603	777.82	566,278.91	811,631.41	SW	125+43.48	61.36' RT
2604	777.80	566,273.09	811,631.41	SW	125+43.50	67.18' RT
2605	777.73	566,275.68	811,635.76	SW	125+47.84	64.57' RT
2606	777.42	566,278.09	811,639.79	DWF	125+51.87	62.15' RT
2607	777.43	566,282.38	811,637.22	BOC	125+49.28	57.87' RT
2608	777.40	566,278.98	811,641.30	BOC	125+53.37	61.25' RT
2609	777.50	566,293.66	811,618.32	FL	125+30.33	46.66' RT
2610	777.41	566,282.75	811,637.56	FL	125+49.62	57.50' RT
2611	777.39	566,279.35	811,641.64	FL	125+53.70	60.88' RT
2612	777.36	566,277.23	811,643.81	FL	125+55.89	62.99' RT
2613	777.66	566,295.42	811,619.25	FLAG	125+31.26	44.89' RT
2614	777.49	566,284.22	811,638.93	FLAG	125+50.98	56.02' RT
2615	777.48	566,280.82	811,642.99	FLAG	125+55.05	59.40' RT
2616	777.47	566,278.62	811,645.25	FLAG	125+57.32	61.60' RT
2617	777.45	566,288.04	811,628.92	FL	125+40.96	52.24' RT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021311-cr
PLOT DATE : 9/30/2022 8:33 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

2

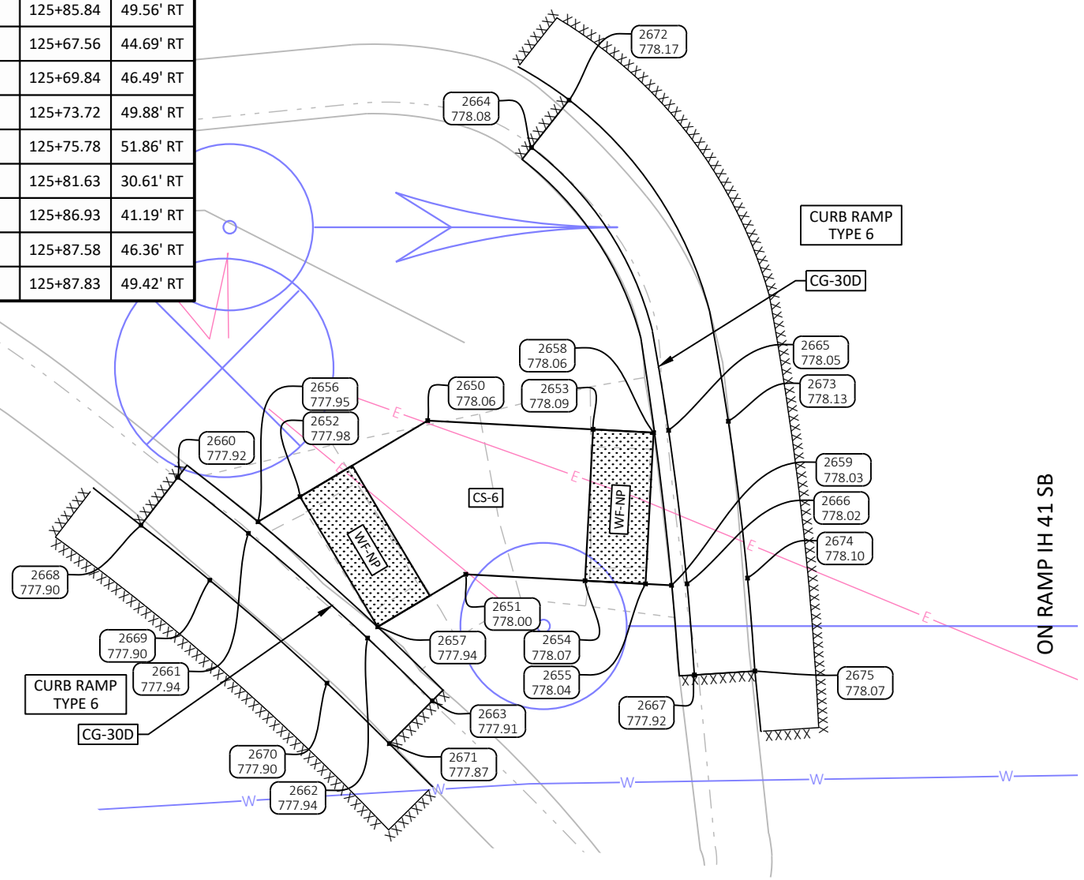
125+50

ON RAMP IH 41 SB S ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2650	778.06	566,298.94	811,665.01	SW	125+77.01	41.20' RT
2651	778.00	566,293.87	811,666.27	SW	125+78.28	46.27' RT
2652	777.98	566,296.43	811,660.80	DWF	125+72.81	43.73' RT
2653	778.09	566,298.65	811,670.47	DWF	125+82.46	41.47' RT
2654	778.07	566,293.66	811,670.20	DWF	125+82.22	46.46' RT
2655	778.04	566,293.55	811,672.20	DWF	125+84.22	46.56' RT
2656	777.95	566,295.60	811,659.41	BOC	125+71.42	44.56' RT
2657	777.94	566,292.14	811,663.36	BOC	125+75.38	48.01' RT
2658	778.06	566,298.55	811,672.47	BOC	125+84.46	41.57' RT
2659	778.03	566,293.51	811,673.06	BOC	125+85.07	46.60' RT
2660	777.92	566,297.07	811,656.77	FL	125+68.77	43.10' RT
2661	777.94	566,295.22	811,659.10	FL	125+71.10	44.95' RT
2662	777.94	566,291.76	811,663.03	FL	125+75.05	48.38' RT

ON RAMP IH 41 SB S ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2663	777.91	566,289.70	811,665.16	FL	125+77.19	50.44' RT
2664	778.08	566,307.95	811,668.44	FL	125+80.40	32.18' RT
2665	778.05	566,298.62	811,672.96	FL	125+84.96	41.49' RT
2666	778.02	566,293.56	811,673.57	FL	125+85.59	46.55' RT
2667	777.92	566,290.55	811,673.81	FL	125+85.84	49.56' RT
2668	777.90	566,295.48	811,655.55	FLAG	125+67.56	44.69' RT
2669	777.90	566,293.68	811,657.82	FLAG	125+69.84	46.49' RT
2670	777.90	566,290.28	811,661.69	FLAG	125+73.72	49.88' RT
2671	777.87	566,288.28	811,663.75	FLAG	125+75.78	51.86' RT
2672	778.17	566,309.52	811,669.68	FLAG	125+81.63	30.61' RT
2673	778.13	566,298.92	811,674.93	FLAG	125+86.93	41.19' RT
2674	778.10	566,293.75	811,675.57	FLAG	125+87.58	46.36' RT
2675	778.07	566,290.68	811,675.81	FLAG	125+87.83	49.42' RT

N

STH 96 (WISCONSIN AVE)



LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021312-cr

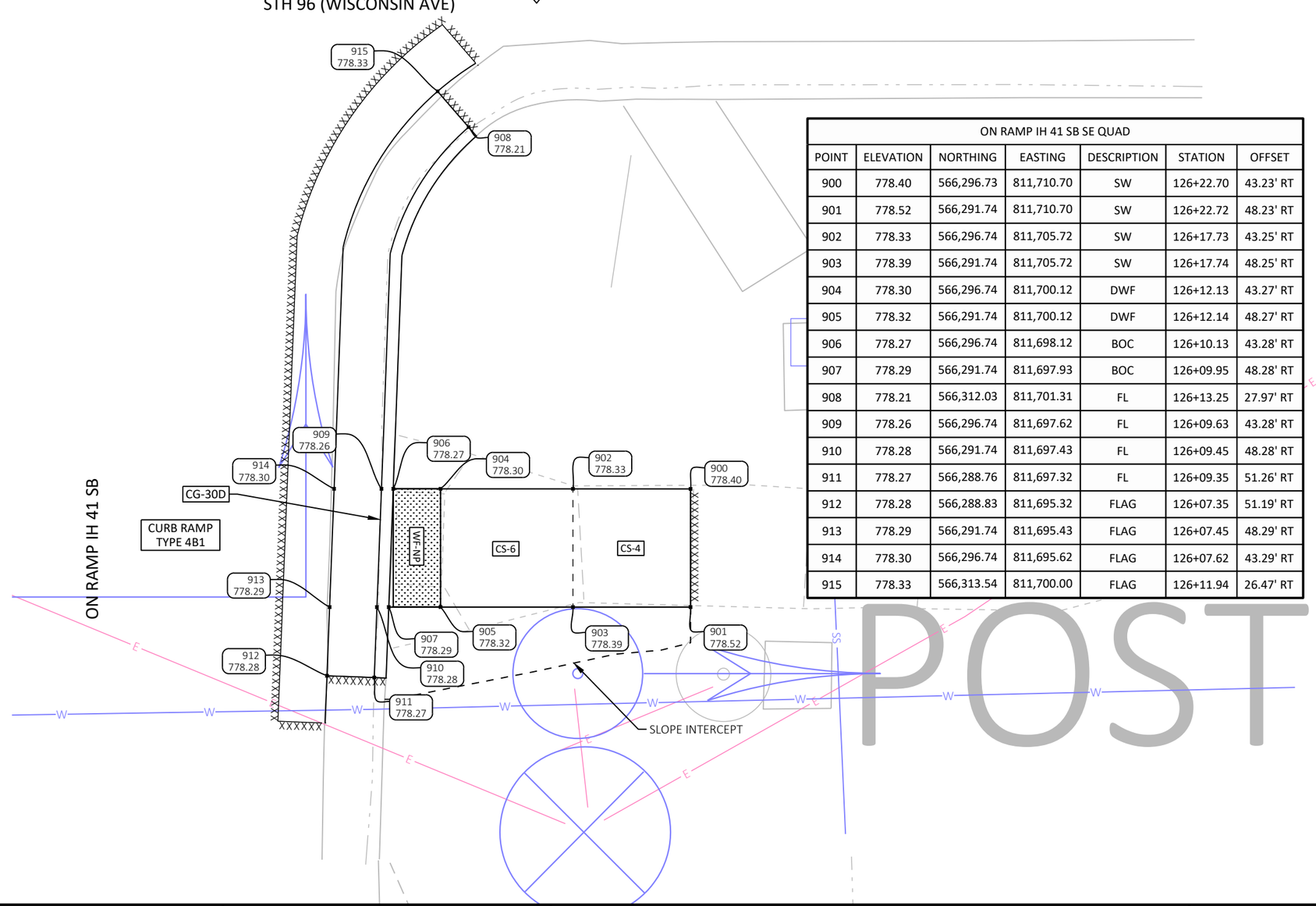
PLOT DATE : 9/30/2022 8:34 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

2

126+00

126+50

STH 96 (WISCONSIN AVE)



ON RAMP IH 41 SB SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
900	778.40	566,296.73	811,710.70	SW	126+22.70	43.23' RT
901	778.52	566,291.74	811,710.70	SW	126+22.72	48.23' RT
902	778.33	566,296.74	811,705.72	SW	126+17.73	43.25' RT
903	778.39	566,291.74	811,705.72	SW	126+17.74	48.25' RT
904	778.30	566,296.74	811,700.12	DWF	126+12.13	43.27' RT
905	778.32	566,291.74	811,700.12	DWF	126+12.14	48.27' RT
906	778.27	566,296.74	811,698.12	BOC	126+10.13	43.28' RT
907	778.29	566,291.74	811,697.93	BOC	126+09.95	48.28' RT
908	778.21	566,312.03	811,701.31	FL	126+13.25	27.97' RT
909	778.26	566,296.74	811,697.62	FL	126+09.63	43.28' RT
910	778.28	566,291.74	811,697.43	FL	126+09.45	48.28' RT
911	778.27	566,288.76	811,697.32	FL	126+09.35	51.26' RT
912	778.28	566,288.83	811,695.32	FLAG	126+07.35	51.19' RT
913	778.29	566,291.74	811,695.43	FLAG	126+07.45	48.29' RT
914	778.30	566,296.74	811,695.62	FLAG	126+07.62	43.29' RT
915	778.33	566,313.54	811,700.00	FLAG	126+11.94	26.47' RT

POST

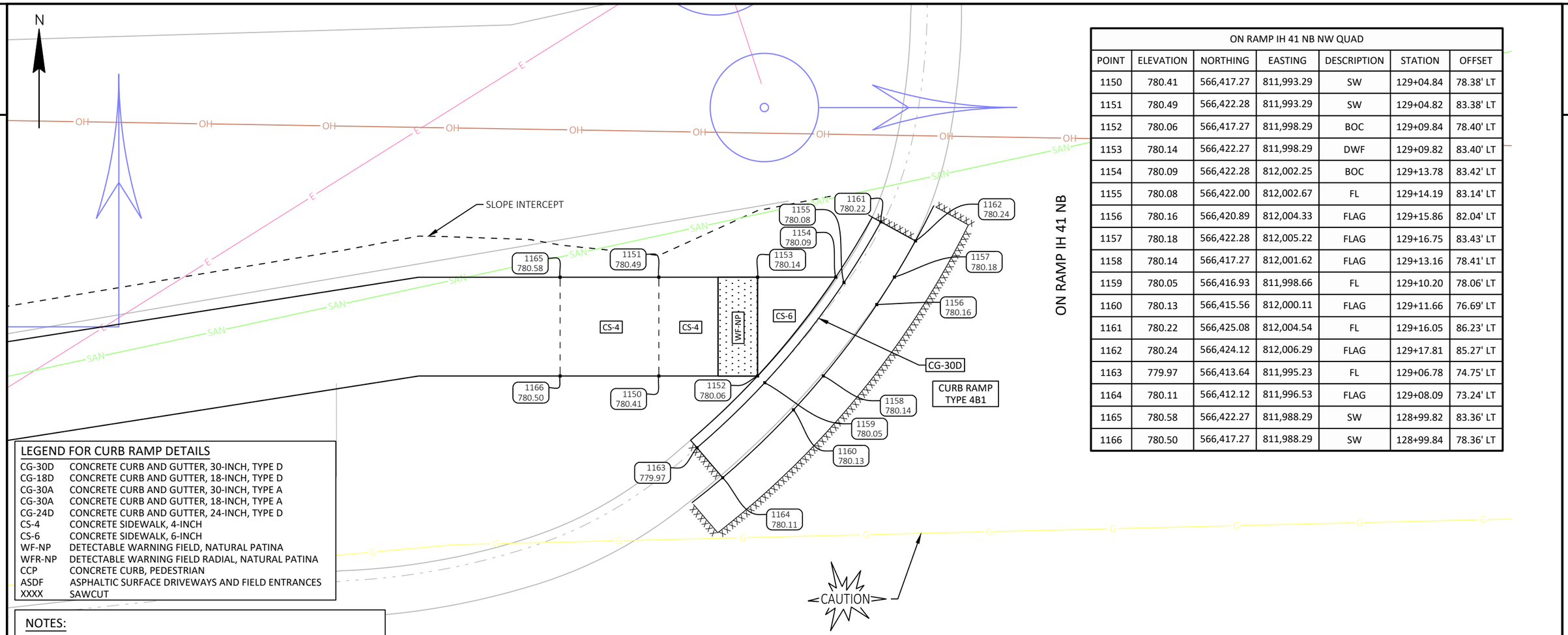
LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E



ON RAMP IH 41 NB NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1150	780.41	566,417.27	811,993.29	SW	129+04.84	78.38' LT
1151	780.49	566,422.28	811,993.29	SW	129+04.82	83.38' LT
1152	780.06	566,417.27	811,998.29	BOC	129+09.84	78.40' LT
1153	780.14	566,422.27	811,998.29	DWF	129+09.82	83.40' LT
1154	780.09	566,422.28	812,002.25	BOC	129+13.78	83.42' LT
1155	780.08	566,422.00	812,002.67	FL	129+14.19	83.14' LT
1156	780.16	566,420.89	812,004.33	FLAG	129+15.86	82.04' LT
1157	780.18	566,422.28	812,005.22	FLAG	129+16.75	83.43' LT
1158	780.14	566,417.27	812,001.62	FLAG	129+13.16	78.41' LT
1159	780.05	566,416.93	811,998.66	FL	129+10.20	78.06' LT
1160	780.13	566,415.56	812,000.11	FLAG	129+11.66	76.69' LT
1161	780.22	566,425.08	812,004.54	FL	129+16.05	86.23' LT
1162	780.24	566,424.12	812,006.29	FLAG	129+17.81	85.27' LT
1163	779.97	566,413.64	811,995.23	FL	129+06.78	74.75' LT
1164	780.11	566,412.12	811,996.53	FLAG	129+08.09	73.24' LT
1165	780.58	566,422.27	811,988.29	SW	128+99.82	83.36' LT
1166	780.50	566,417.27	811,988.29	SW	128+99.84	78.36' LT

LEGEND FOR CURB RAMP DETAILS

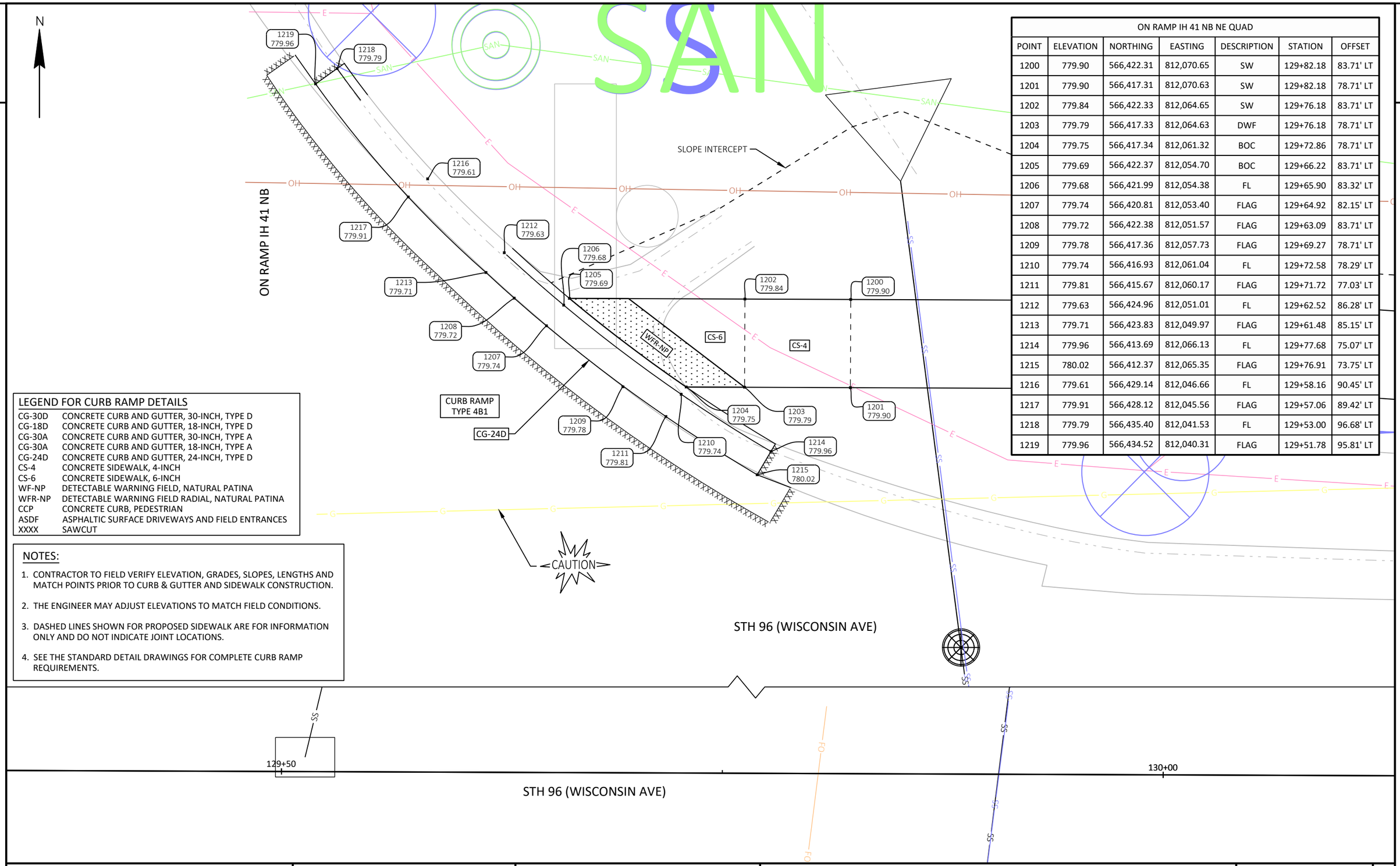
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021314-cr
PLOT DATE : 9/30/2022 8:34 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



ON RAMP IH 41 NB NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1200	779.90	566,422.31	812,070.65	SW	129+82.18	83.71' LT
1201	779.90	566,417.31	812,070.63	SW	129+82.18	78.71' LT
1202	779.84	566,422.33	812,064.65	SW	129+76.18	83.71' LT
1203	779.79	566,417.33	812,064.63	DWF	129+76.18	78.71' LT
1204	779.75	566,417.34	812,061.32	BOC	129+72.86	78.71' LT
1205	779.69	566,422.37	812,054.70	BOC	129+66.22	83.71' LT
1206	779.68	566,421.99	812,054.38	FL	129+65.90	83.32' LT
1207	779.74	566,420.81	812,053.40	FLAG	129+64.92	82.15' LT
1208	779.72	566,422.38	812,051.57	FLAG	129+63.09	83.71' LT
1209	779.78	566,417.36	812,057.73	FLAG	129+69.27	78.71' LT
1210	779.74	566,416.93	812,061.04	FL	129+72.58	78.29' LT
1211	779.81	566,415.67	812,060.17	FLAG	129+71.72	77.03' LT
1212	779.63	566,424.96	812,051.01	FL	129+62.52	86.28' LT
1213	779.71	566,423.83	812,049.97	FLAG	129+61.48	85.15' LT
1214	779.96	566,413.69	812,066.13	FL	129+77.68	75.07' LT
1215	780.02	566,412.37	812,065.35	FLAG	129+76.91	73.75' LT
1216	779.61	566,429.14	812,046.66	FL	129+58.16	90.45' LT
1217	779.91	566,428.12	812,045.56	FLAG	129+57.06	89.42' LT
1218	779.79	566,435.40	812,041.53	FL	129+53.00	96.68' LT
1219	779.96	566,434.52	812,040.31	FLAG	129+51.78	95.81' LT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
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4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021315-cr
PLOT DATE : 9/30/2022 8:35 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

129+00

129+

2

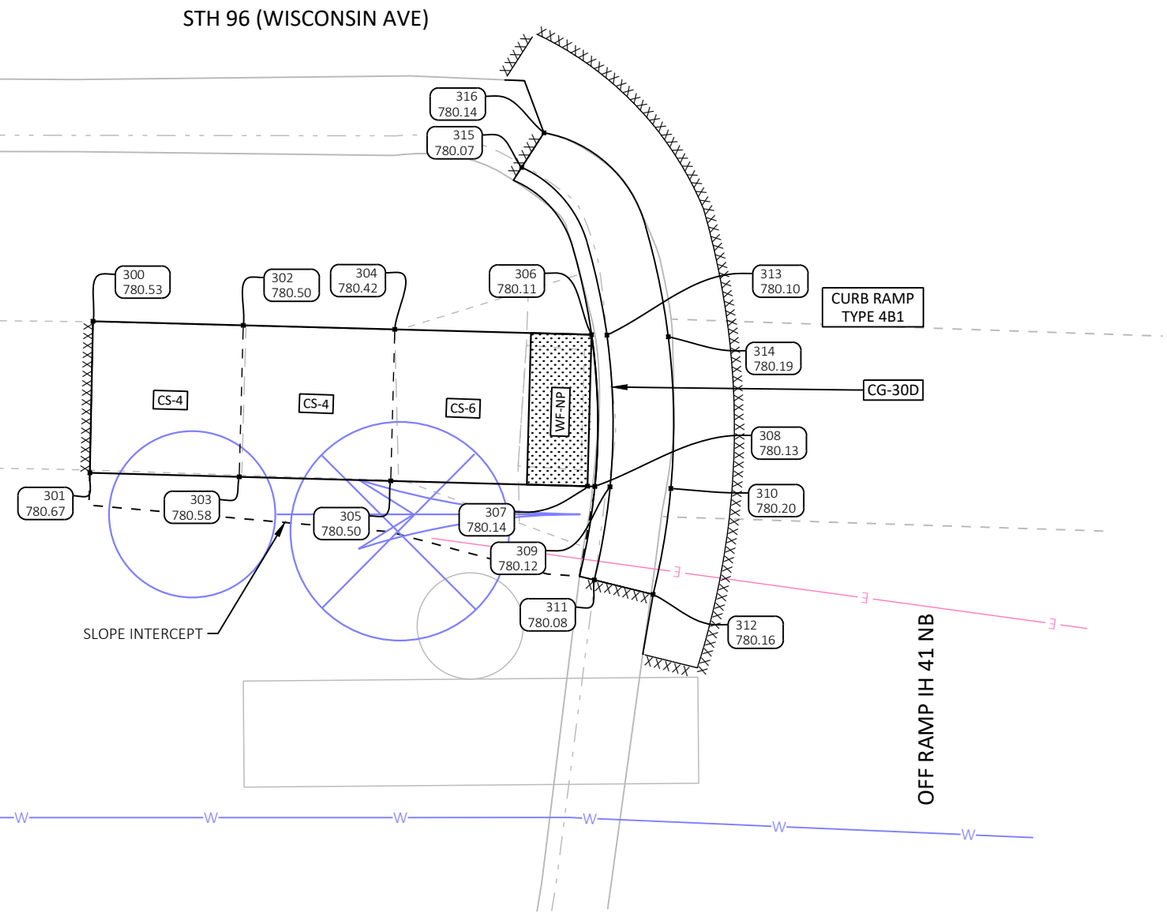
OFF RAMP IH 41 NB SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
300	780.53	566,306.97	811,987.12	SW	128+99.08	31.95' RT
301	780.67	566,301.97	811,987.01	SW	128+98.99	36.95' RT
302	780.50	566,306.84	811,992.08	SW	129+04.04	32.06' RT
303	780.58	566,301.84	811,991.94	SW	129+03.92	37.06' RT
304	780.42	566,306.70	811,997.07	SW	129+09.04	32.18' RT
305	780.50	566,301.70	811,996.94	SW	129+08.92	37.18' RT
306	780.11	566,306.53	812,003.57	BOC	129+15.53	32.33' RT
307	780.14	566,301.53	812,003.43	DWF	129+15.41	37.33' RT
308	780.13	566,301.52	812,003.68	BOC	129+15.66	37.33' RT
309	780.12	566,301.51	812,004.18	FL	129+16.16	37.35' RT
310	780.20	566,301.45	812,006.18	FLAG	129+18.16	37.39' RT
311	780.08	566,298.44	812,003.65	FL	129+15.65	40.42' RT
312	780.16	566,297.96	812,005.60	FLAG	129+17.59	40.89' RT
313	780.10	566,306.51	812,004.07	FL	129+16.04	32.34' RT
314	780.19	566,306.46	812,006.10	FLAG	129+18.06	32.39' RT
315	780.07	566,312.04	812,001.26	FL	129+13.20	26.82' RT
316	780.14	566,313.19	812,002.00	FLAG	129+13.93	25.68' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

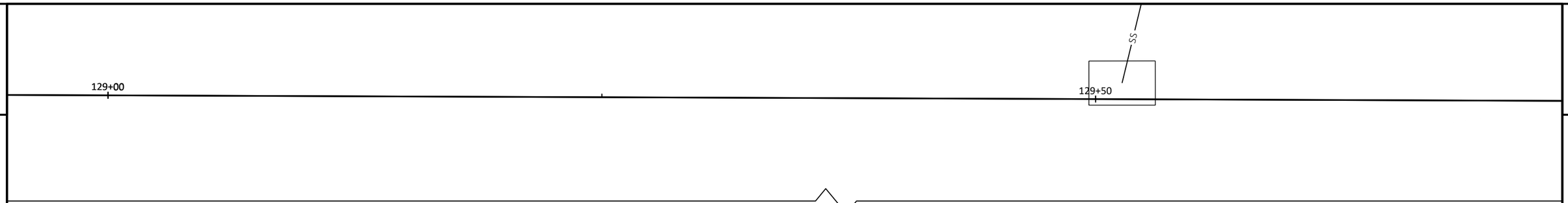


PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021316-cr

PLOT DATE : 9/30/2022 8:35 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

WISDOT/CADDS SHEET 42



2

OFF RAMP IH 41 NB S ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1950	780.32	566,304.72	812,040.55	SW	129+52.52	34.00' RT
1951	780.27	566,299.72	812,039.83	SW	129+51.82	39.00' RT
1952	780.34	566,304.72	812,036.35	DWF	129+48.32	34.02' RT
1953	780.30	566,299.72	812,036.35	DWF	129+48.34	39.02' RT
1954	780.27	566,299.72	812,034.35	DWF	129+46.34	39.02' RT
1955	780.26	566,302.56	812,047.89	BOC	129+59.86	36.13' RT
1956	780.19	566,298.54	812,043.82	BOC	129+55.82	40.16' RT
1957	780.31	566,304.72	812,034.35	BOC	129+46.32	34.02' RT
1958	780.26	566,299.72	812,033.72	BOC	129+45.71	39.03' RT
1959	780.27	566,304.47	812,050.98	FL	129+62.95	34.20' RT
1960	780.25	566,302.20	812,048.23	FL	129+60.21	36.49' RT
1961	780.18	566,298.21	812,044.19	FL	129+56.19	40.50' RT
1962	780.14	566,295.73	812,042.08	FL	129+54.08	42.98' RT
1963	780.33	566,311.23	812,034.63	FL	129+46.57	27.51' RT
1964	780.30	566,304.72	812,033.84	FL	129+45.81	34.03' RT

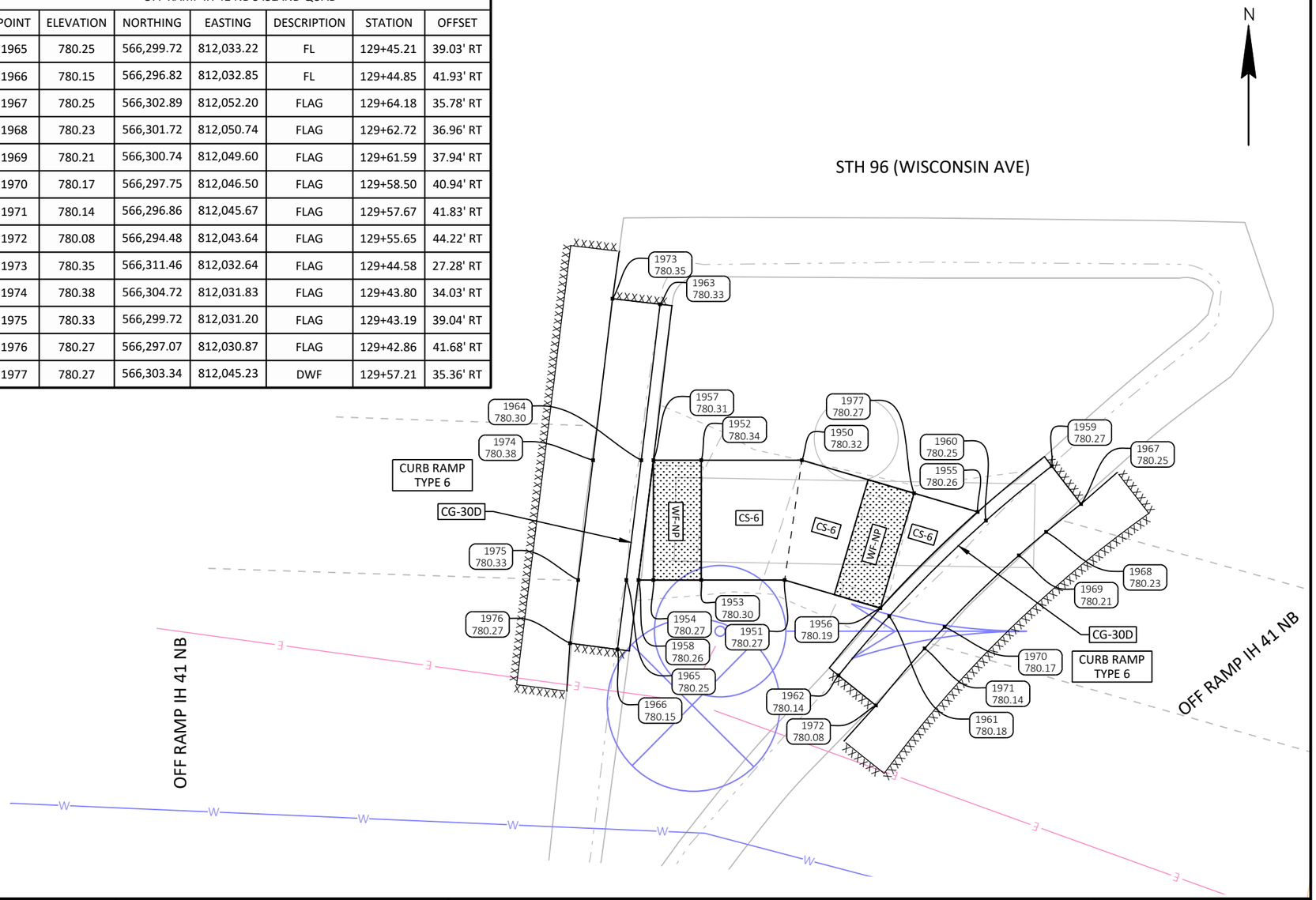
OFF RAMP IH 41 NB S ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1965	780.25	566,299.72	812,033.22	FL	129+45.21	39.03' RT
1966	780.15	566,296.82	812,032.85	FL	129+44.85	41.93' RT
1967	780.25	566,302.89	812,052.20	FLAG	129+64.18	35.78' RT
1968	780.23	566,301.72	812,050.74	FLAG	129+62.72	36.96' RT
1969	780.21	566,300.74	812,049.60	FLAG	129+61.59	37.94' RT
1970	780.17	566,297.75	812,046.50	FLAG	129+58.50	40.94' RT
1971	780.14	566,296.86	812,045.67	FLAG	129+57.67	41.83' RT
1972	780.08	566,294.48	812,043.64	FLAG	129+55.65	44.22' RT
1973	780.35	566,311.46	812,032.64	FLAG	129+44.58	27.28' RT
1974	780.38	566,304.72	812,031.83	FLAG	129+43.80	34.03' RT
1975	780.33	566,299.72	812,031.20	FLAG	129+43.19	39.04' RT
1976	780.27	566,297.07	812,030.87	FLAG	129+42.86	41.68' RT
1977	780.27	566,303.34	812,045.23	DWF	129+57.21	35.36' RT

LEGEND FOR CURB RAMP DETAILS

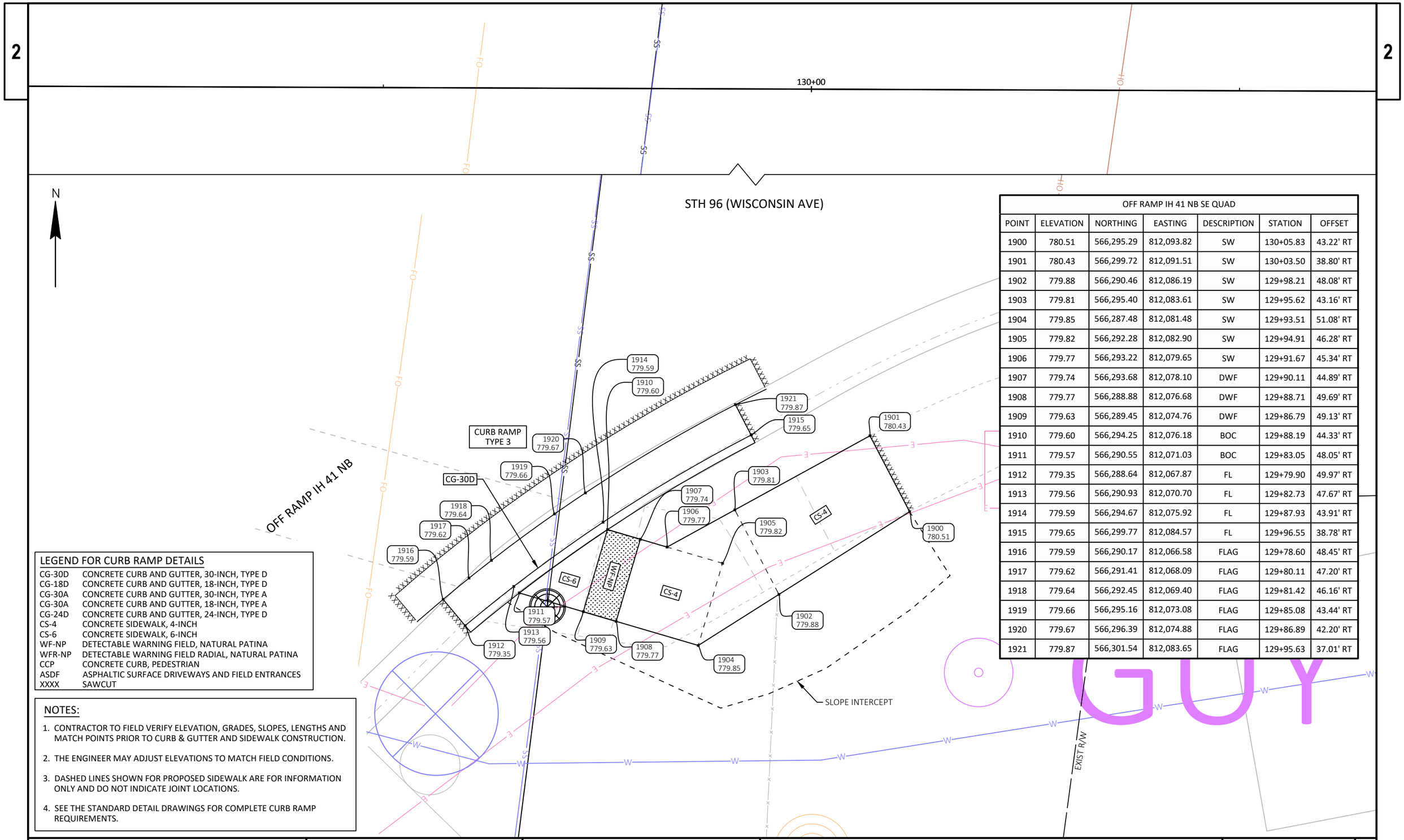
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
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4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E



OFF RAMP IH 41 NB SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1900	780.51	566,295.29	812,093.82	SW	130+05.83	43.22' RT
1901	780.43	566,299.72	812,091.51	SW	130+03.50	38.80' RT
1902	779.88	566,290.46	812,086.19	SW	129+98.21	48.08' RT
1903	779.81	566,295.40	812,083.61	SW	129+95.62	43.16' RT
1904	779.85	566,287.48	812,081.48	SW	129+93.51	51.08' RT
1905	779.82	566,292.28	812,082.90	SW	129+94.91	46.28' RT
1906	779.77	566,293.22	812,079.65	SW	129+91.67	45.34' RT
1907	779.74	566,293.68	812,078.10	DWF	129+90.11	44.89' RT
1908	779.77	566,288.88	812,076.68	DWF	129+88.71	49.69' RT
1909	779.63	566,289.45	812,074.76	DWF	129+86.79	49.13' RT
1910	779.60	566,294.25	812,076.18	BOC	129+88.19	44.33' RT
1911	779.57	566,290.55	812,071.03	BOC	129+83.05	48.05' RT
1912	779.35	566,288.64	812,067.87	FL	129+79.90	49.97' RT
1913	779.56	566,290.93	812,070.70	FL	129+82.73	47.67' RT
1914	779.59	566,294.67	812,075.92	FL	129+87.93	43.91' RT
1915	779.65	566,299.77	812,084.57	FL	129+96.55	38.78' RT
1916	779.59	566,290.17	812,066.58	FLAG	129+78.60	48.45' RT
1917	779.62	566,291.41	812,068.09	FLAG	129+80.11	47.20' RT
1918	779.64	566,292.45	812,069.40	FLAG	129+81.42	46.16' RT
1919	779.66	566,295.16	812,073.08	FLAG	129+85.08	43.44' RT
1920	779.67	566,296.39	812,074.88	FLAG	129+86.89	42.20' RT
1921	779.87	566,301.54	812,083.65	FLAG	129+95.63	37.01' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
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1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
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3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021318-cr

PLOT DATE : 9/30/2022 8:36 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

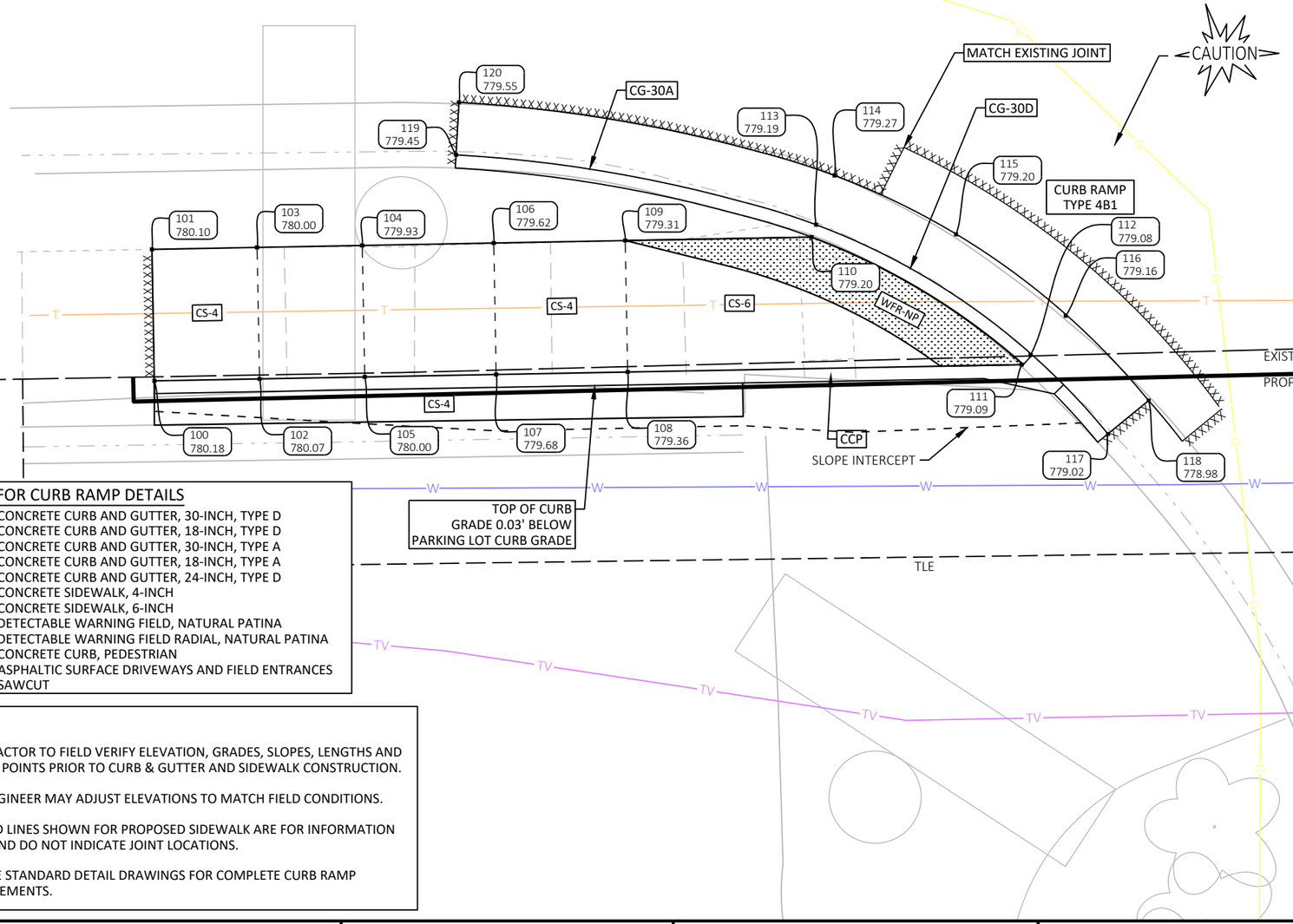
133+50

134+00

2

N

STH 96 (WISCONSIN AVE)



WHEELER RD SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
100	780.18	566,292.99	812,438.14	SW	133+48.80	46.73' RT
101	780.10	566,297.99	812,438.05	SW	133+48.84	41.73' RT
102	780.07	566,293.07	812,442.14	SW	133+52.80	46.76' RT
103	780.00	566,298.06	812,442.05	SW	133+52.84	41.76' RT
104	779.93	566,298.14	812,446.05	SW	133+56.84	41.79' RT
105	780.00	566,293.14	812,446.14	SW	133+56.80	46.79' RT
106	779.62	566,298.23	812,451.05	SW	133+61.84	41.83' RT
107	779.68	566,293.23	812,451.14	SW	133+61.80	46.83' RT
108	779.36	566,293.33	812,456.14	SW	133+66.80	46.86' RT
109	779.31	566,298.32	812,456.05	SW	133+66.84	41.86' RT
110	779.20	566,298.46	812,463.13	BOC	133+73.92	41.91' RT
111	779.09	566,293.60	812,471.12	BOC	133+81.79	46.97' RT
112	779.08	566,293.98	812,471.46	FL	133+82.13	46.61' RT
113	779.19	566,298.92	812,463.31	FL	133+74.11	41.45' RT
114	779.27	566,300.80	812,464.01	FLAG	133+74.86	39.60' RT
115	779.20	566,298.56	812,468.63	FLAG	133+79.42	41.95' RT
116	779.16	566,295.46	812,472.80	FLAG	133+83.51	45.16' RT
117	779.02	566,290.97	812,474.40	FL	133+85.00	49.69' RT
118	778.98	566,292.24	812,475.95	FLAG	133+86.58	48.46' RT
119	779.45	566,301.58	812,449.62	FL	133+60.49	38.44' RT
120	779.55	566,303.58	812,449.73	FLAG	133+60.66	36.45' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021319-cr
PLOT DATE : 9/30/2022 8:36 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

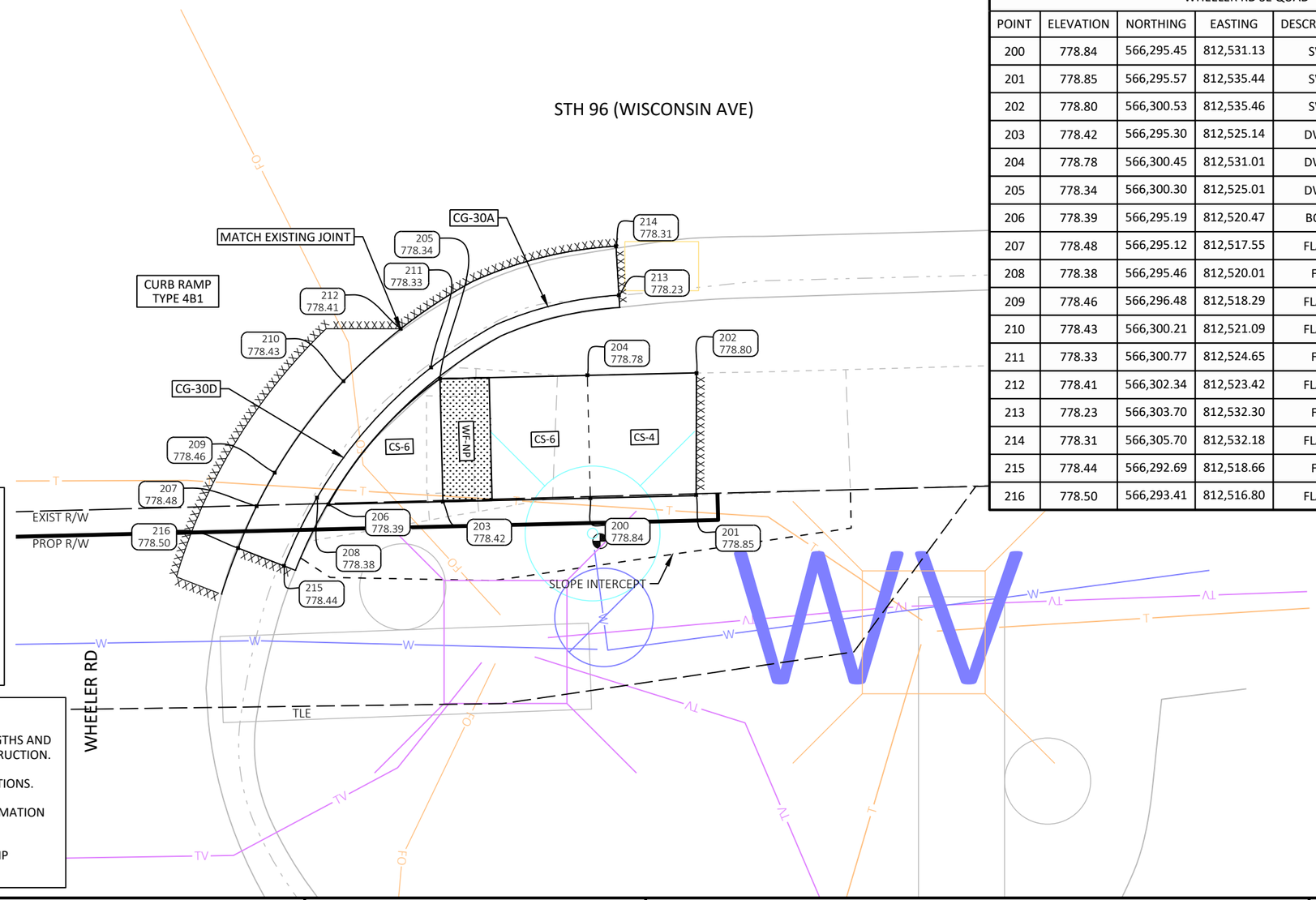
2

2

134+50

N

STH 96 (WISCONSIN AVE)



WHEELER RD SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
200	778.84	566,295.45	812,531.13	SW	134+41.83	46.68' RT
201	778.85	566,295.57	812,535.44	SW	134+46.13	46.66' RT
202	778.80	566,300.53	812,535.46	SW	134+46.28	41.71' RT
203	778.42	566,295.30	812,525.14	DWF	134+35.83	46.67' RT
204	778.78	566,300.45	812,531.01	DWF	134+41.83	41.68' RT
205	778.34	566,300.30	812,525.01	DWF	134+35.83	41.67' RT
206	778.39	566,295.19	812,520.47	BOC	134+31.16	46.66' RT
207	778.48	566,295.12	812,517.55	FLAG	134+28.24	46.65' RT
208	778.38	566,295.46	812,520.01	FL	134+30.71	46.37' RT
209	778.46	566,296.48	812,518.29	FLAG	134+29.01	45.31' RT
210	778.43	566,300.21	812,521.09	FLAG	134+31.90	41.66' RT
211	778.33	566,300.77	812,524.65	FL	134+35.48	41.19' RT
212	778.41	566,302.34	812,523.42	FLAG	134+34.29	39.59' RT
213	778.23	566,303.70	812,532.30	FL	134+43.20	38.46' RT
214	778.31	566,305.70	812,532.18	FLAG	134+43.13	36.46' RT
215	778.44	566,292.69	812,518.66	FL	134+29.29	49.11' RT
216	778.50	566,293.41	812,516.80	FLAG	134+27.44	48.34' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021320-cr

PLOT DATE : 9/30/2022 8:36 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

2

139+50

140+00

WESTHILL BLVD SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1850	770.91	566,307.08	813,079.04	SW	139+89.85	49.20' RT
1851	770.85	566,312.08	813,078.71	SW	139+89.65	44.19' RT
1852	770.28	566,307.08	813,088.22	SW	139+99.03	49.44' RT
1853	770.35	566,312.08	813,087.71	SW	139+98.65	44.43' RT
1854	770.19	566,308.22	813,093.73	SW	140+04.56	48.44' RT
1855	770.06	566,308.79	813,096.46	SW	140+07.31	47.94' RT
1856	770.28	566,313.11	813,092.71	SW	140+03.67	43.52' RT
1857	770.32	566,314.40	813,087.71	DWF	139+98.71	42.11' RT
1858	770.25	566,314.40	813,092.71	DWF	140+03.71	42.23' RT
1859	770.13	566,313.68	813,095.45	DWF	140+06.42	43.02' RT
1860	770.29	566,316.40	813,087.71	DWF	139+98.76	40.11' RT
1861	770.28	566,317.19	813,087.71	BOC	139+98.78	39.31' RT
1862	770.22	566,316.40	813,092.71	BOC	140+03.76	40.24' RT
1863	770.08	566,314.44	813,099.12	BOC	140+10.11	42.36' RT
1864	769.90	566,310.80	813,106.18	BOC	140+17.07	46.18' RT
1865	770.31	566,318.06	813,082.76	FL	139+93.85	38.32' RT

WESTHILL BLVD SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1866	770.27	566,317.69	813,087.75	FL	139+98.83	38.82' RT
1867	770.21	566,316.93	813,092.83	FL	140+03.89	39.71' RT
1868	770.07	566,314.91	813,099.30	FL	140+10.31	41.90' RT
1869	769.90	566,311.76	813,105.62	FL	140+16.54	45.20' RT
1870	769.87	566,310.69	813,107.30	FL	140+18.20	46.32' RT
1871	770.36	566,315.56	813,095.95	BOC	140+06.98	41.16' RT
1872	770.42	566,320.06	813,082.91	FLAG	139+94.05	36.33' RT
1873	770.35	566,319.70	813,087.71	FLAG	139+98.84	36.81' RT
1874	770.30	566,319.00	813,092.71	FLAG	140+03.82	37.63' RT
1875	770.29	566,318.88	813,093.28	FLAG	140+04.39	37.77' RT
1876	770.28	566,317.99	813,096.57	FLAG	140+07.66	38.74' RT
1877	770.21	566,316.76	813,100.04	FLAG	140+11.10	40.06' RT
1878	770.14	566,315.24	813,103.43	FLAG	140+14.44	41.67' RT
1879	770.04	566,313.43	813,106.73	FLAG	140+17.69	43.57' RT
1880	770.01	566,312.35	813,108.41	FLAG	140+19.35	44.69' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

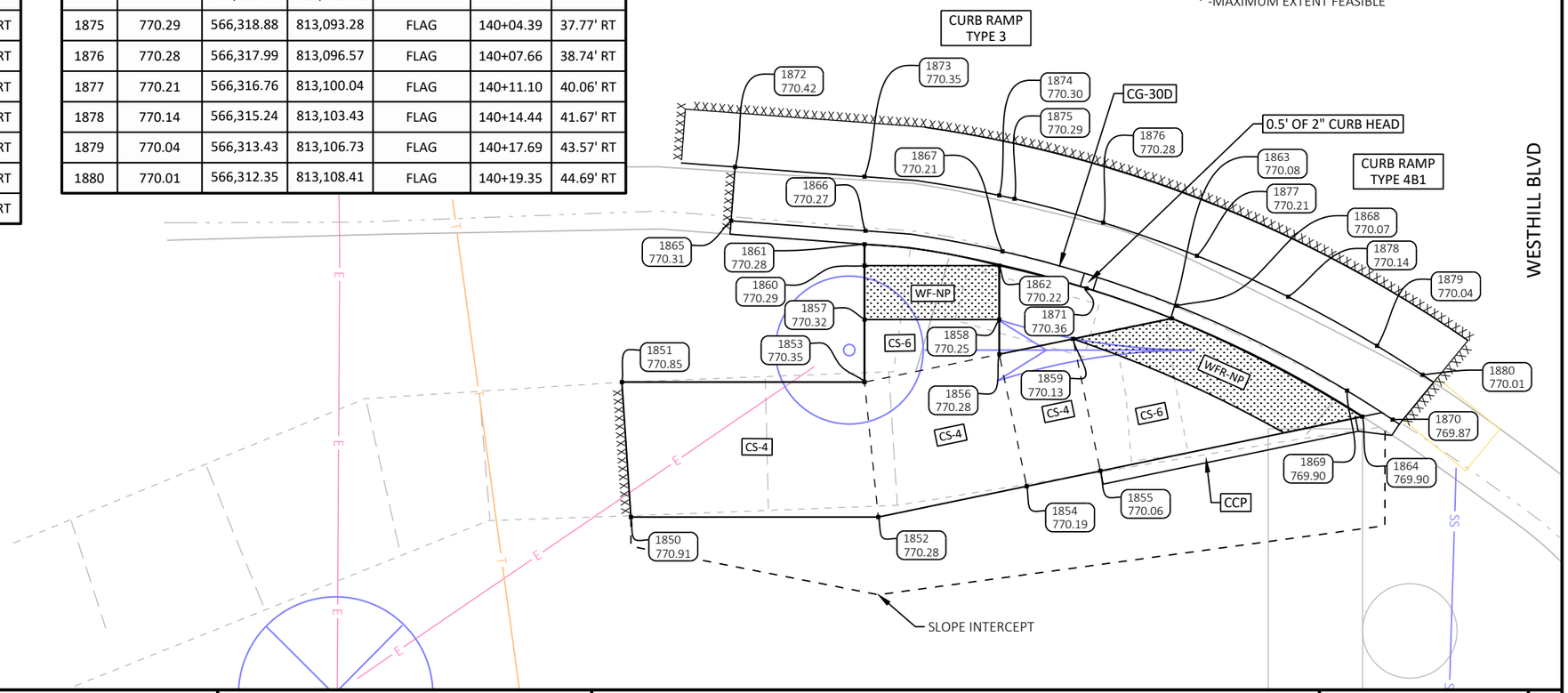
NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

N

STH 96 (WISCONSIN AVE)

* -MAXIMUM EXTENT FEASIBLE



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

2

141+00

141+50

2

WESTHILL BLVD SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
450	770.27	566,326.93	813,235.48	SW	141+46.76	33.39' RT
451	770.35	566,321.95	813,235.89	SW	141+47.03	38.39' RT
452	770.20	566,326.53	813,230.44	SW	141+41.70	33.67' RT
453	770.27	566,321.54	813,230.84	SW	141+41.98	38.66' RT
454	769.82	566,320.88	813,222.57	SW	141+33.69	39.11' RT
455	769.86	566,320.16	813,213.56	DWF	141+24.66	39.60' RT
456	769.69	566,325.62	813,219.18	DWF	141+30.42	34.28' RT
457	769.68	566,326.01	813,218.87	FL	141+30.12	33.88' RT
458	769.70	566,327.57	813,217.61	FLAG	141+28.91	32.29' RT
459	769.63	566,329.48	813,224.11	FL	141+35.45	30.55' RT
460	769.67	566,331.23	813,223.14	FLAG	141+34.53	28.77' RT
461	769.78	566,325.29	813,214.99	FLAG	141+26.22	34.51' RT
462	769.85	566,320.48	813,213.18	FL	141+24.29	39.27' RT
463	769.93	566,321.77	813,211.65	FLAG	141+22.80	37.94' RT
464	769.93	566,317.23	813,210.62	FL	141+21.65	42.45' RT
465	770.06	566,318.36	813,208.97	FLAG	141+20.03	41.28' RT
466	769.74	566,325.86	813,222.17	DWF	141+33.42	34.12' RT

LEGEND FOR CURB RAMP DETAILS

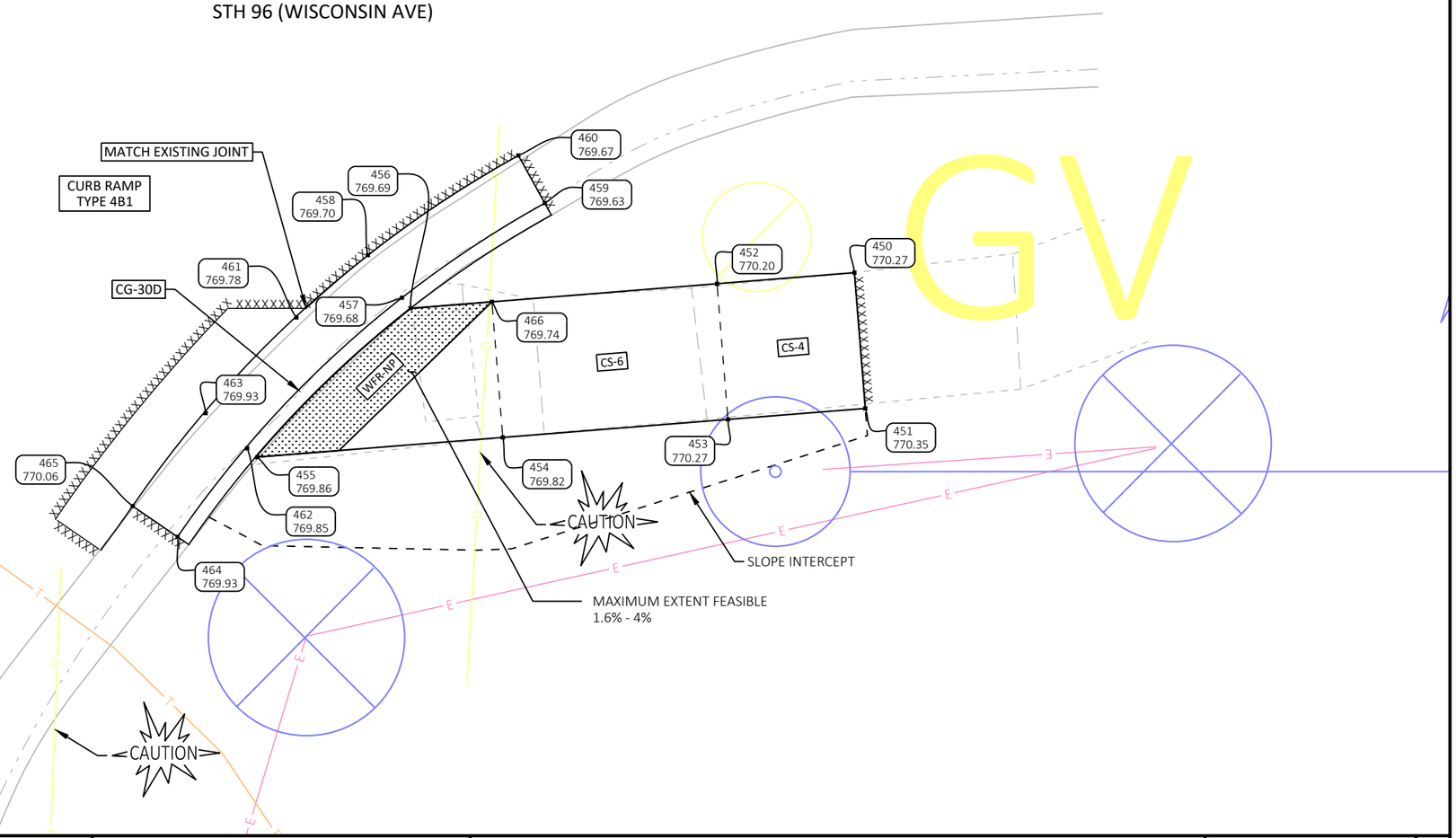
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
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4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

N

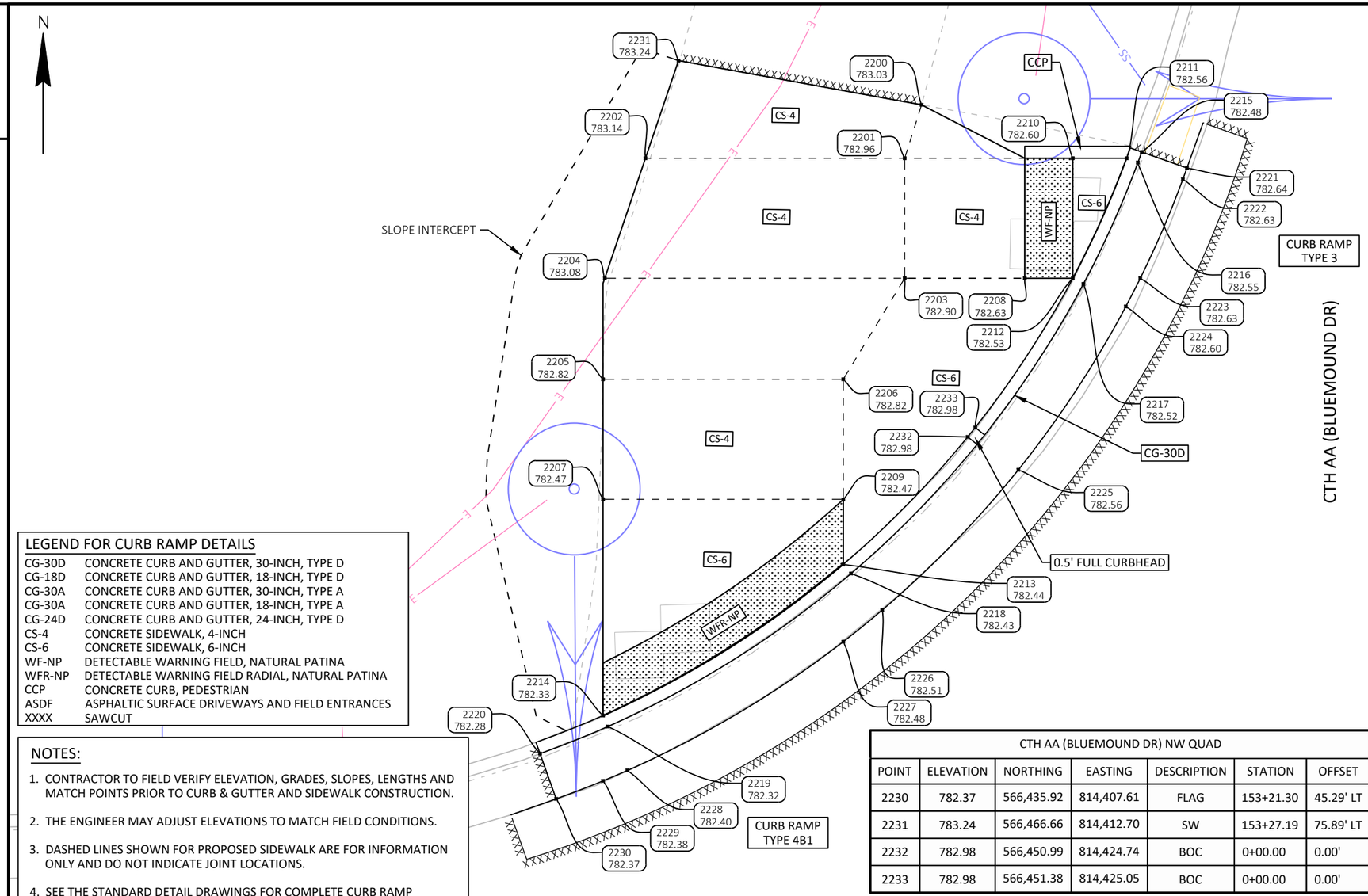
STH 96 (WISCONSIN AVE)



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021322-cr

PLOT DATE : 9/30/2022 8:37 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT



LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
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WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
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CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
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4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

CTH AA (BLUEMOUND DR) NW QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2230	782.37	566,435.92	814,407.61	FLAG	153+21.30	45.29' LT
2231	783.24	566,466.66	814,412.70	SW	153+27.19	75.89' LT
2232	782.98	566,450.99	814,424.74	BOC	0+00.00	0.00'
2233	782.98	566,451.38	814,425.05	BOC	0+00.00	0.00'

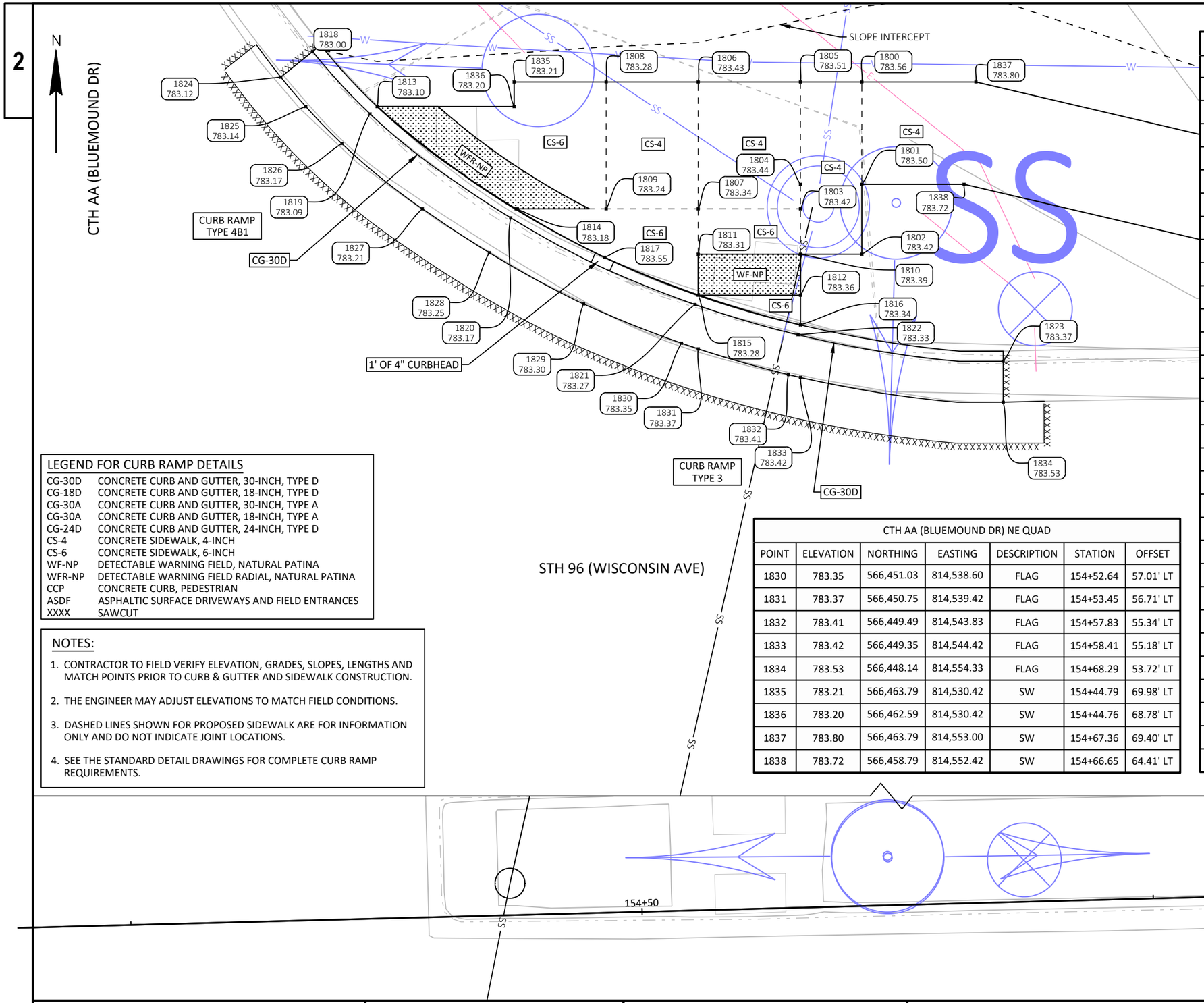
CTH AA (BLUEMOUND DR) NW QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2200	783.03	566,464.82	814,422.82	SW	153+37.25	73.79' LT
2201	782.96	566,462.59	814,422.12	SW	153+36.49	71.58' LT
2202	783.14	566,462.59	814,411.33	SW	153+25.71	71.86' LT
2203	782.90	566,457.59	814,422.12	SW	153+36.36	66.58' LT
2204	783.08	566,457.59	814,409.63	SW	153+23.89	66.90' LT
2205	782.82	566,453.39	814,409.56	SW	153+23.70	62.70' LT
2206	782.82	566,453.39	814,419.56	SW	153+33.70	62.45' LT
2207	782.47	566,448.39	814,409.56	SW	153+23.57	57.71' LT
2208	782.63	566,457.59	814,427.12	DWF	153+41.36	66.45' LT
2209	782.47	566,448.38	814,419.56	DWF	153+33.57	57.44' LT
2210	782.60	566,462.59	814,429.12	DWF	153+43.49	71.40' LT
2211	782.56	566,462.59	814,431.36	BOC	153+45.73	71.34' LT
2212	782.53	566,457.59	814,429.12	BOC	153+43.36	66.40' LT
2213	782.44	566,445.68	814,419.56	BOC	153+33.50	54.74' LT
2214	782.33	566,439.39	814,409.56	BOC	153+23.34	48.70' LT
2215	782.48	566,462.86	814,431.98	FL	153+46.36	71.59' LT
2216	782.55	566,462.41	814,431.82	FL	153+46.19	71.15' LT
2217	782.52	566,457.36	814,429.56	FL	153+43.80	66.15' LT
2218	782.43	566,445.30	814,419.88	FL	153+33.82	54.35' LT
2219	782.32	566,438.93	814,409.76	FL	153+23.53	48.24' LT
2220	782.28	566,437.80	814,406.93	FL	153+20.68	47.19' LT
2221	782.64	566,462.19	814,433.87	FLAG	153+48.23	70.87' LT
2222	782.63	566,461.72	814,433.70	FLAG	153+48.05	70.41' LT
2223	782.63	566,457.59	814,431.92	FLAG	153+46.17	66.33' LT
2224	782.60	566,456.42	814,431.32	FLAG	153+45.54	65.17' LT
2225	782.56	566,449.62	814,426.85	FLAG	153+40.89	58.49' LT
2226	782.51	566,443.78	814,421.18	FLAG	153+35.07	52.80' LT
2227	782.48	566,442.46	814,419.56	FLAG	153+33.42	51.52' LT
2228	782.40	566,437.10	814,410.57	FLAG	153+24.29	46.39' LT
2229	782.38	566,436.67	814,409.56	FLAG	153+23.27	45.99' LT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021323-cr

PLOT DATE : 9/30/2022 8:37 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT



CTH AA (BLUEMOUND DR) NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1800	783.56	566,463.79	814,547.42	SW	154+61.79	69.54' LT
1801	783.50	566,458.79	814,547.42	SW	154+61.66	64.54' LT
1802	783.42	566,455.37	814,547.42	SW	154+61.57	61.13' LT
1803	783.42	566,457.59	814,544.42	SW	154+58.63	63.42' LT
1804	783.44	566,458.79	814,544.42	SW	154+58.66	64.62' LT
1805	783.51	566,463.79	814,544.42	SW	154+58.79	69.62' LT
1806	783.43	566,463.79	814,539.42	SW	154+53.79	69.75' LT
1807	783.34	566,457.59	814,539.42	SW	154+53.63	63.55' LT
1808	783.28	566,463.79	814,534.92	SW	154+49.29	69.87' LT
1809	783.24	566,457.59	814,534.92	SW	154+49.13	63.67' LT
1810	783.39	566,455.37	814,544.42	DWF	154+58.57	61.20' LT
1811	783.31	566,455.37	814,539.42	DWF	154+53.57	61.33' LT
1812	783.36	566,453.37	814,544.42	DWF	154+58.52	59.20' LT
1813	783.10	566,462.59	814,523.72	BOC	154+38.06	68.95' LT
1814	783.18	566,457.59	814,530.52	BOC	154+44.73	63.78' LT
1815	783.28	566,453.37	814,539.42	BOC	154+53.52	59.33' LT
1816	783.34	566,451.92	814,544.42	BOC	154+58.48	57.75' LT
1817	783.55	566,455.22	814,534.85	BOC	154+49.00	61.30' LT
1818	783.00	566,465.28	814,520.57	FL	154+34.98	71.72' LT
1819	783.09	566,462.23	814,523.37	FL	154+37.71	68.60' LT
1820	783.17	566,457.15	814,530.25	FL	154+44.45	63.35' LT
1821	783.27	566,452.92	814,539.26	FL	154+53.35	58.88' LT
1822	783.33	566,451.44	814,544.30	FL	154+58.35	57.27' LT
1823	783.37	566,450.14	814,554.32	FL	154+68.34	55.72' LT
1824	783.12	566,464.03	814,519.01	FLAG	154+33.39	70.51' LT
1825	783.14	566,462.59	814,520.23	FLAG	154+34.58	69.04' LT
1826	783.17	566,460.78	814,522.00	FLAG	154+36.30	67.19' LT
1827	783.21	566,457.59	814,525.93	FLAG	154+40.15	63.90' LT
1828	783.25	566,455.45	814,529.21	FLAG	154+43.36	61.67' LT
1829	783.30	566,452.94	814,533.81	FLAG	154+47.90	59.05' LT

CTH AA (BLUEMOUND DR) NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1830	783.35	566,451.03	814,538.60	FLAG	154+52.64	57.01' LT
1831	783.37	566,450.75	814,539.42	FLAG	154+53.45	56.71' LT
1832	783.41	566,449.49	814,543.83	FLAG	154+57.83	55.34' LT
1833	783.42	566,449.35	814,544.42	FLAG	154+58.41	55.18' LT
1834	783.53	566,448.14	814,554.33	FLAG	154+68.29	53.72' LT
1835	783.21	566,463.79	814,530.42	SW	154+44.79	69.98' LT
1836	783.20	566,462.59	814,530.42	SW	154+44.76	68.78' LT
1837	783.80	566,463.79	814,553.00	SW	154+67.36	69.40' LT
1838	783.72	566,458.79	814,552.42	SW	154+66.65	64.41' LT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021324-cr
PLOT DATE : 9/30/2022 8:38 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

153+00

153+50

2

CTH AA (BLUEMOUND DR) SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
850	783.18	566,342.04	814,405.66	SW	153+16.93	48.51' RT
851	783.26	566,337.04	814,405.66	SW	153+16.80	53.51' RT
852	782.94	566,341.93	814,410.66	SW	153+21.92	48.75' RT
853	783.02	566,336.93	814,410.57	SW	153+21.71	53.74' RT
854	783.02	566,341.85	814,415.65	SW	153+26.92	48.96' RT
855	783.10	566,336.83	814,415.56	SW	153+26.69	53.98' RT
856	782.78	566,342.69	814,423.79	DWF	153+35.07	48.33' RT
857	782.86	566,337.69	814,423.69	DWF	153+34.84	53.32' RT
858	782.80	566,337.58	814,429.69	PC	153+40.84	53.59' RT
859	782.73	566,342.62	814,427.22	BOC	153+38.50	48.48' RT
860	782.72	566,342.99	814,427.56	FL	153+38.85	48.12' RT
861	782.80	566,344.47	814,428.90	FLAG	153+40.23	46.68' RT
862	782.82	566,342.55	814,431.09	FLAG	153+42.36	48.66' RT
863	782.84	566,339.18	814,434.31	FLAG	153+45.50	52.11' RT
864	782.76	566,337.85	814,432.77	FL	153+43.92	53.40' RT
865	782.77	566,337.52	814,432.39	BOC	153+43.53	53.71' RT

CTH AA (BLUEMOUND DR) SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
866	782.85	566,337.74	814,435.49	FLAG	153+46.64	53.58' RT
867	782.77	566,336.49	814,433.84	FL	153+44.95	54.78' RT
868	782.34	566,350.59	814,410.66	DWF	153+22.14	40.09' RT
869	782.32	566,351.93	814,410.66	BOC	153+22.18	38.75' RT
870	782.31	566,352.43	814,410.71	FL	153+22.25	38.25' RT
871	782.38	566,354.45	814,410.66	FLAG	153+22.24	36.24' RT
872	782.42	566,350.59	814,415.66	BOC	153+27.14	40.22' RT
873	782.41	566,351.05	814,415.86	FL	153+27.36	39.77' RT
874	782.49	566,352.88	814,416.66	FLAG	153+28.21	37.96' RT
875	782.46	566,353.29	814,415.66	FLAG	153+27.21	37.52' RT
876	782.30	566,354.50	814,407.50	FLAG	153+19.09	36.10' RT
877	782.29	566,352.50	814,407.63	FL	153+19.17	38.10' RT

STH 96 (WISCONSIN AVE)

CURB RAMP TYPE 3

CURB RAMP TYPE 4B1

CG-30D

CS-6

CS-4

WF-NP

WFR-NP

CCP

TRANSITION NOSE

SLOPE INTERCEPT

CTH AA (BLUEMOUND DR)

N

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021326-cr

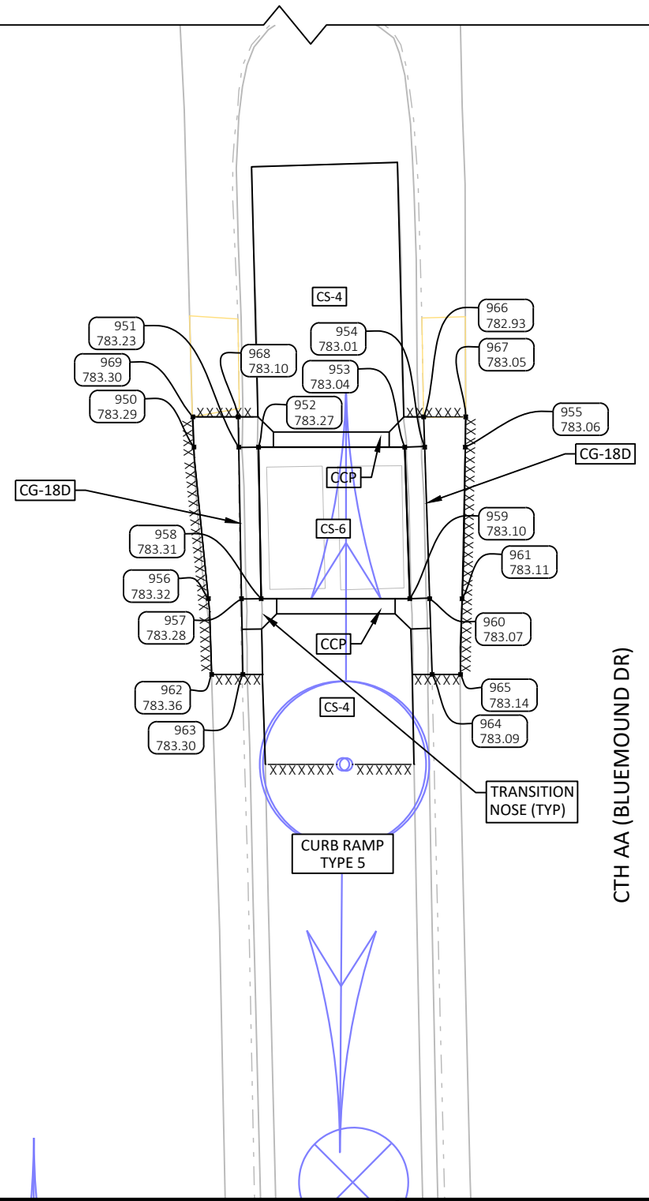
PLOT DATE : 9/30/2022 8:38 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

2

153+50

154+00

2



N

CHT AA (BLUEMOUND DR) S ISLAND						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
950	783.29	566,341.96	814,467.57	FLAG	153+78.81	50.19' RT
951	783.23	566,341.96	814,469.05	FL	153+80.29	50.22' RT
952	783.27	566,341.96	814,469.70	BOC	153+80.94	50.24' RT
953	783.04	566,341.96	814,474.52	BOC	153+85.77	50.37' RT
954	783.01	566,341.96	814,475.18	FL	153+86.43	50.38' RT
955	783.06	566,341.96	814,476.52	FLAG	153+87.76	50.42' RT
956	783.32	566,336.97	814,468.04	FLAG	153+79.16	55.19' RT
957	783.28	566,336.96	814,469.13	FL	153+80.25	55.22' RT
958	783.31	566,336.96	814,469.78	BOC	153+80.90	55.24' RT
959	783.10	566,336.96	814,474.69	BOC	153+85.80	55.37' RT
960	783.07	566,336.96	814,475.34	FL	153+86.46	55.39' RT
961	783.11	566,336.96	814,476.41	FLAG	153+87.53	55.41' RT
962	783.36	566,334.46	814,468.15	FLAG	153+79.20	57.70' RT
963	783.30	566,334.46	814,469.18	FL	153+80.23	57.73' RT
964	783.09	566,334.46	814,475.43	FL	153+86.48	57.89' RT
965	783.14	566,334.46	814,476.36	FLAG	153+87.41	57.91' RT
966	782.93	566,342.96	814,475.15	FL	153+86.42	49.38' RT
967	783.05	566,342.96	814,476.53	FLAG	153+87.80	49.42' RT
968	783.10	566,342.96	814,469.03	FL	153+80.30	49.22' RT
969	783.30	566,342.96	814,467.53	FLAG	153+78.80	49.19' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

CTH AA (BLUEMOUND DR) SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
750	784.30	566,353.36	814,549.55	SW	154+61.07	40.91' RT
751	784.32	566,349.00	814,551.97	SW	154+63.37	45.34' RT
752	784.29	566,351.53	814,546.18	SW	154+57.65	42.66' RT
753	784.34	566,347.14	814,548.60	SW	154+59.96	47.10' RT
754	784.30	566,348.80	814,541.18	SW	154+52.58	45.25' RT
755	784.36	566,344.39	814,543.62	SW	154+54.90	49.72' RT
756	783.94	566,344.55	814,533.63	SW	154+44.92	49.30' RT
757	784.02	566,339.70	814,535.11	SW	154+46.28	54.19' RT
758	783.69	566,344.06	814,528.92	SW	154+40.20	49.68' RT
759	783.72	566,339.11	814,529.44	SW	154+40.59	54.64' RT
760	783.60	566,343.53	814,523.93	SW	154+35.20	50.07' RT
761	783.62	566,338.53	814,523.93	SW	154+35.07	55.07' RT
762	783.13	566,338.53	814,516.93	DWF	154+28.07	54.89' RT
763	783.12	566,343.53	814,516.93	BOC	154+28.20	49.89' RT
764	783.10	566,338.53	814,515.00	BOC	154+26.14	54.84' RT
765	783.11	566,343.74	814,516.48	FL	154+27.76	49.67' RT
766	783.19	566,344.59	814,514.67	FLAG	154+25.97	48.78' RT
767	783.09	566,338.68	814,514.52	FL	154+25.67	54.68' RT
768	783.17	566,339.28	814,512.61	FLAG	154+23.77	54.04' RT

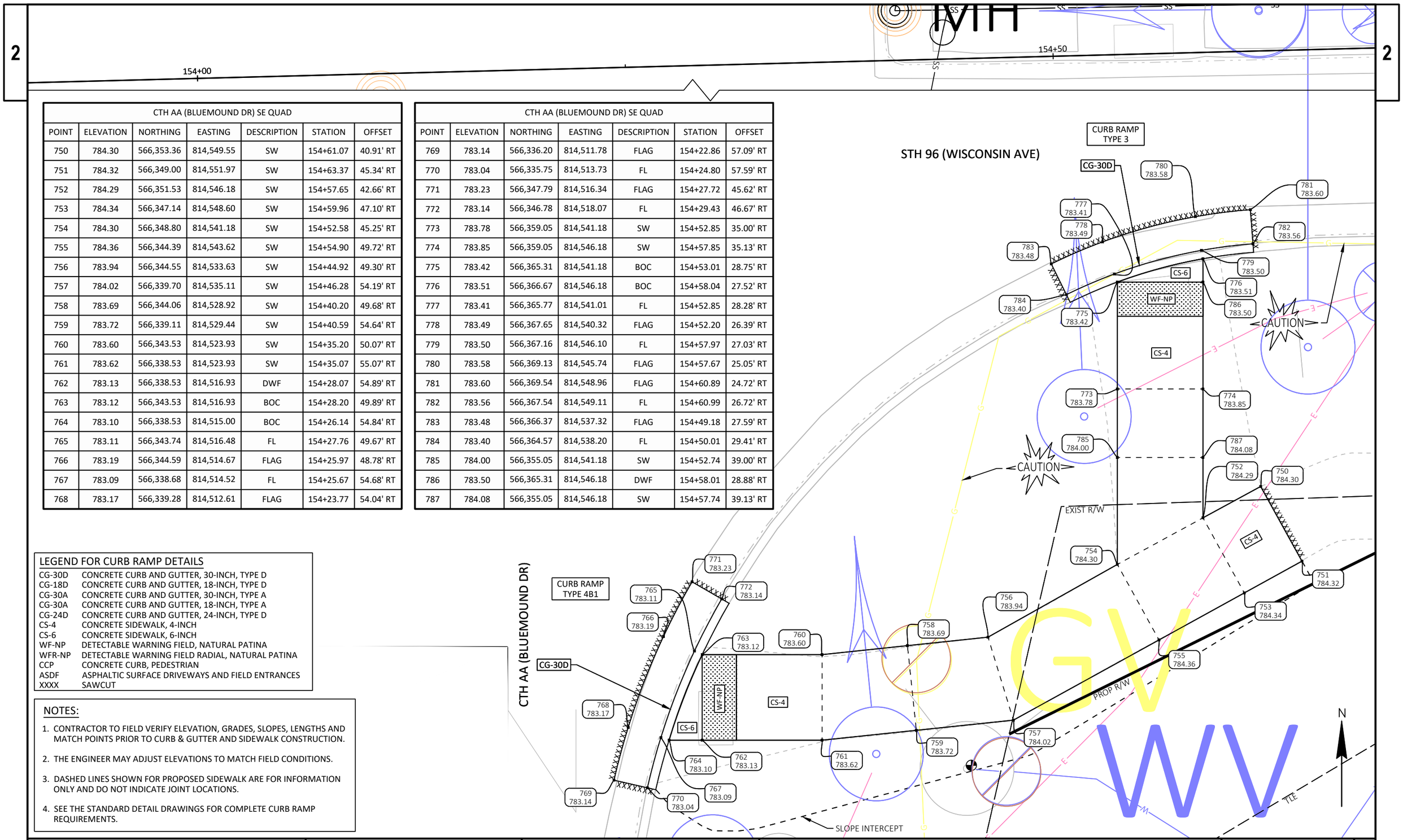
CTH AA (BLUEMOUND DR) SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
769	783.14	566,336.20	814,511.78	FLAG	154+22.86	57.09' RT
770	783.04	566,335.75	814,513.73	FL	154+24.80	57.59' RT
771	783.23	566,347.79	814,516.34	FLAG	154+27.72	45.62' RT
772	783.14	566,346.78	814,518.07	FL	154+29.43	46.67' RT
773	783.78	566,359.05	814,541.18	SW	154+52.85	35.00' RT
774	783.85	566,359.05	814,546.18	SW	154+57.85	35.13' RT
775	783.42	566,365.31	814,541.18	BOC	154+53.01	28.75' RT
776	783.51	566,366.67	814,546.18	BOC	154+58.04	27.52' RT
777	783.41	566,365.77	814,541.01	FL	154+52.85	28.28' RT
778	783.49	566,367.65	814,540.32	FLAG	154+52.20	26.39' RT
779	783.50	566,367.16	814,546.10	FL	154+57.97	27.03' RT
780	783.58	566,369.13	814,545.74	FLAG	154+57.67	25.05' RT
781	783.60	566,369.54	814,548.96	FLAG	154+60.89	24.72' RT
782	783.56	566,367.54	814,549.11	FL	154+60.99	26.72' RT
783	783.48	566,366.37	814,537.32	FLAG	154+49.18	27.59' RT
784	783.40	566,364.57	814,538.20	FL	154+50.01	29.41' RT
785	784.00	566,355.05	814,541.18	SW	154+52.74	39.00' RT
786	783.50	566,365.31	814,546.18	DWF	154+58.01	28.88' RT
787	784.08	566,355.05	814,546.18	SW	154+57.74	39.13' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

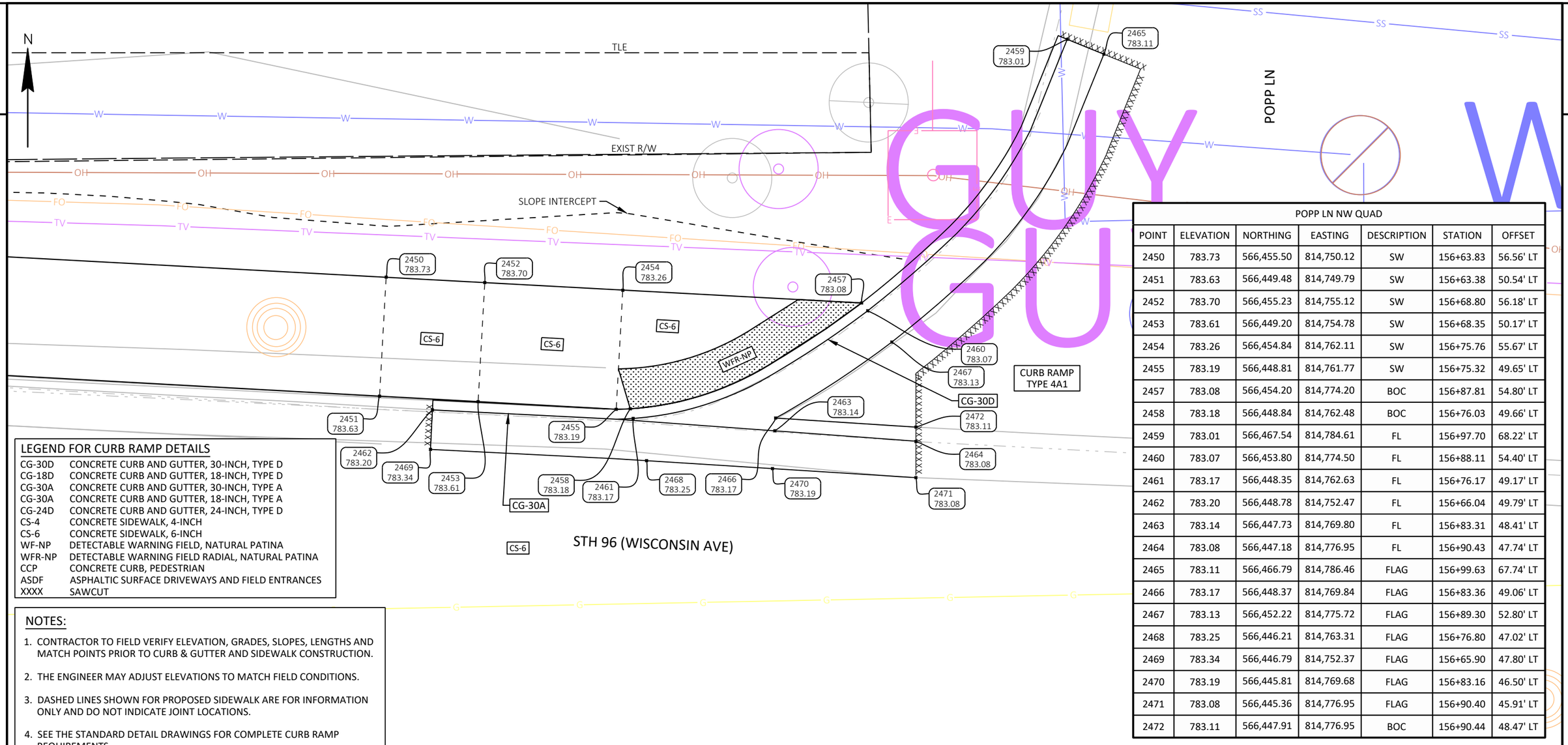
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021328-cr

PLOT DATE : 9/30/2022 8:39 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT



LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

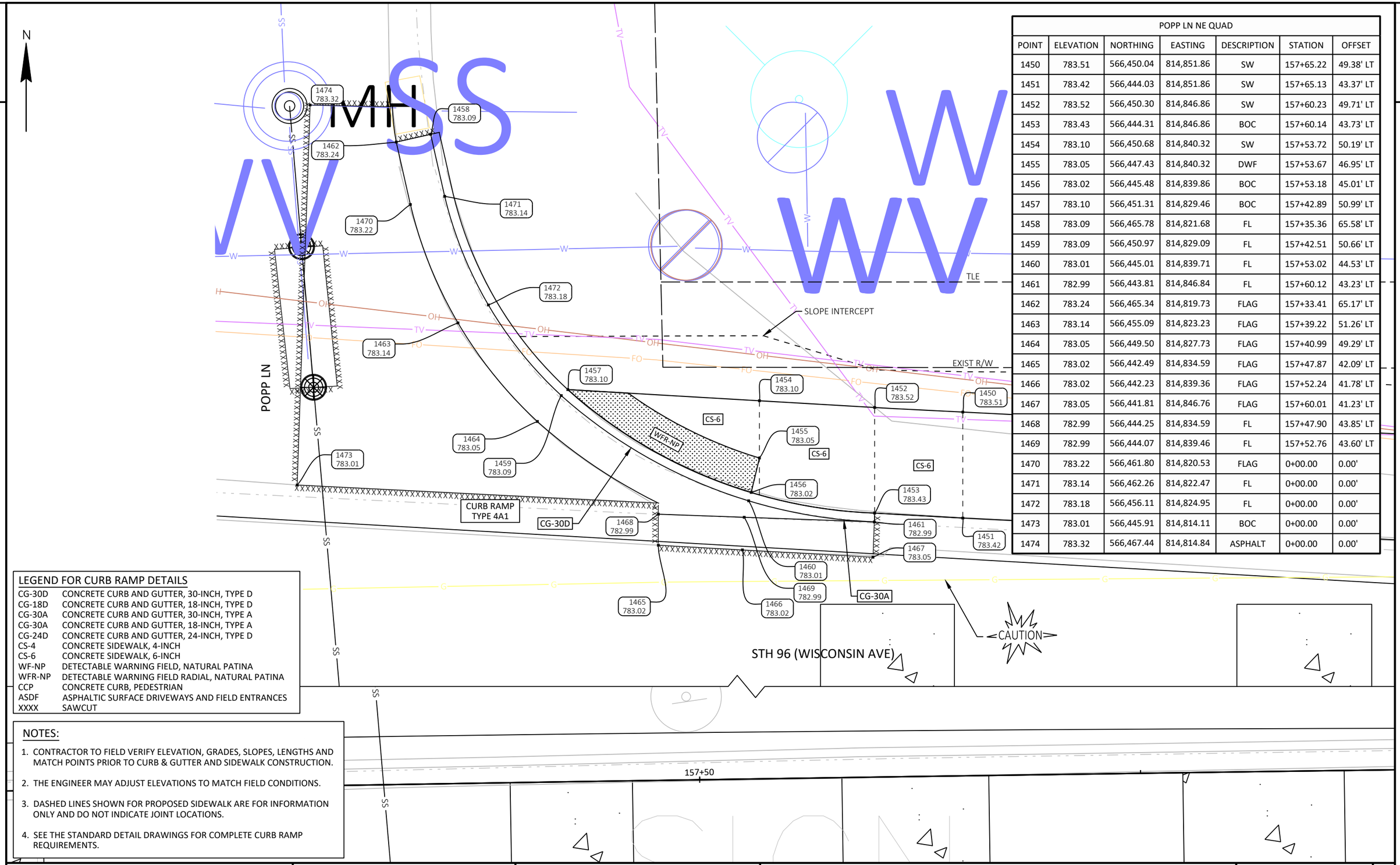
POPP LN NW QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2450	783.73	566,455.50	814,750.12	SW	156+63.83	56.56' LT
2451	783.63	566,449.48	814,749.79	SW	156+63.38	50.54' LT
2452	783.70	566,455.23	814,755.12	SW	156+68.80	56.18' LT
2453	783.61	566,449.20	814,754.78	SW	156+68.35	50.17' LT
2454	783.26	566,454.84	814,762.11	SW	156+75.76	55.67' LT
2455	783.19	566,448.81	814,761.77	SW	156+75.32	49.65' LT
2457	783.08	566,454.20	814,774.20	BOC	156+87.81	54.80' LT
2458	783.18	566,448.84	814,762.48	BOC	156+76.03	49.66' LT
2459	783.01	566,467.54	814,784.61	FL	156+97.70	68.22' LT
2460	783.07	566,453.80	814,774.50	FL	156+88.11	54.40' LT
2461	783.17	566,448.35	814,762.63	FL	156+76.17	49.17' LT
2462	783.20	566,448.78	814,752.47	FL	156+66.04	49.79' LT
2463	783.14	566,447.73	814,769.80	FL	156+83.31	48.41' LT
2464	783.08	566,447.18	814,776.95	FL	156+90.43	47.74' LT
2465	783.11	566,466.79	814,786.46	FLAG	156+99.63	67.74' LT
2466	783.17	566,448.37	814,769.84	FLAG	156+83.36	49.06' LT
2467	783.13	566,452.22	814,775.72	FLAG	156+89.30	52.80' LT
2468	783.25	566,446.21	814,763.31	FLAG	156+76.80	47.02' LT
2469	783.34	566,446.79	814,752.37	FLAG	156+65.90	47.80' LT
2470	783.19	566,445.81	814,769.68	FLAG	156+83.16	46.50' LT
2471	783.08	566,445.36	814,776.95	FLAG	156+90.40	45.91' LT
2472	783.11	566,447.91	814,776.95	BOC	156+90.44	48.47' LT

GUY GUY W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021329-cr
PLOT DATE : 9/30/2022 8:39 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



POPP LN NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1450	783.51	566,450.04	814,851.86	SW	157+65.22	49.38' LT
1451	783.42	566,444.03	814,851.86	SW	157+65.13	43.37' LT
1452	783.52	566,450.30	814,846.86	SW	157+60.23	49.71' LT
1453	783.43	566,444.31	814,846.86	BOC	157+60.14	43.73' LT
1454	783.10	566,450.68	814,840.32	SW	157+53.72	50.19' LT
1455	783.05	566,447.43	814,840.32	DWF	157+53.67	46.95' LT
1456	783.02	566,445.48	814,839.86	BOC	157+53.18	45.01' LT
1457	783.10	566,451.31	814,829.46	BOC	157+42.89	50.99' LT
1458	783.09	566,465.78	814,821.68	FL	157+35.36	65.58' LT
1459	783.09	566,450.97	814,829.09	FL	157+42.51	50.66' LT
1460	783.01	566,445.01	814,839.71	FL	157+53.02	44.53' LT
1461	782.99	566,443.81	814,846.84	FL	157+60.12	43.23' LT
1462	783.24	566,465.34	814,819.73	FLAG	157+33.41	65.17' LT
1463	783.14	566,455.09	814,823.23	FLAG	157+39.22	51.26' LT
1464	783.05	566,449.50	814,827.73	FLAG	157+40.99	49.29' LT
1465	783.02	566,442.49	814,834.59	FLAG	157+47.87	42.09' LT
1466	783.02	566,442.23	814,839.36	FLAG	157+52.24	41.78' LT
1467	783.05	566,441.81	814,846.76	FLAG	157+60.01	41.23' LT
1468	782.99	566,444.25	814,834.59	FL	157+47.90	43.85' LT
1469	782.99	566,444.07	814,839.46	FL	157+52.76	43.60' LT
1470	783.22	566,461.80	814,820.53	FLAG	0+00.00	0.00'
1471	783.14	566,462.26	814,822.47	FL	0+00.00	0.00'
1472	783.18	566,456.11	814,824.95	FL	0+00.00	0.00'
1473	783.01	566,445.91	814,814.11	BOC	0+00.00	0.00'
1474	783.32	566,467.44	814,814.84	ASPHALT	0+00.00	0.00'

LEGEND FOR CURB RAMP DETAILS

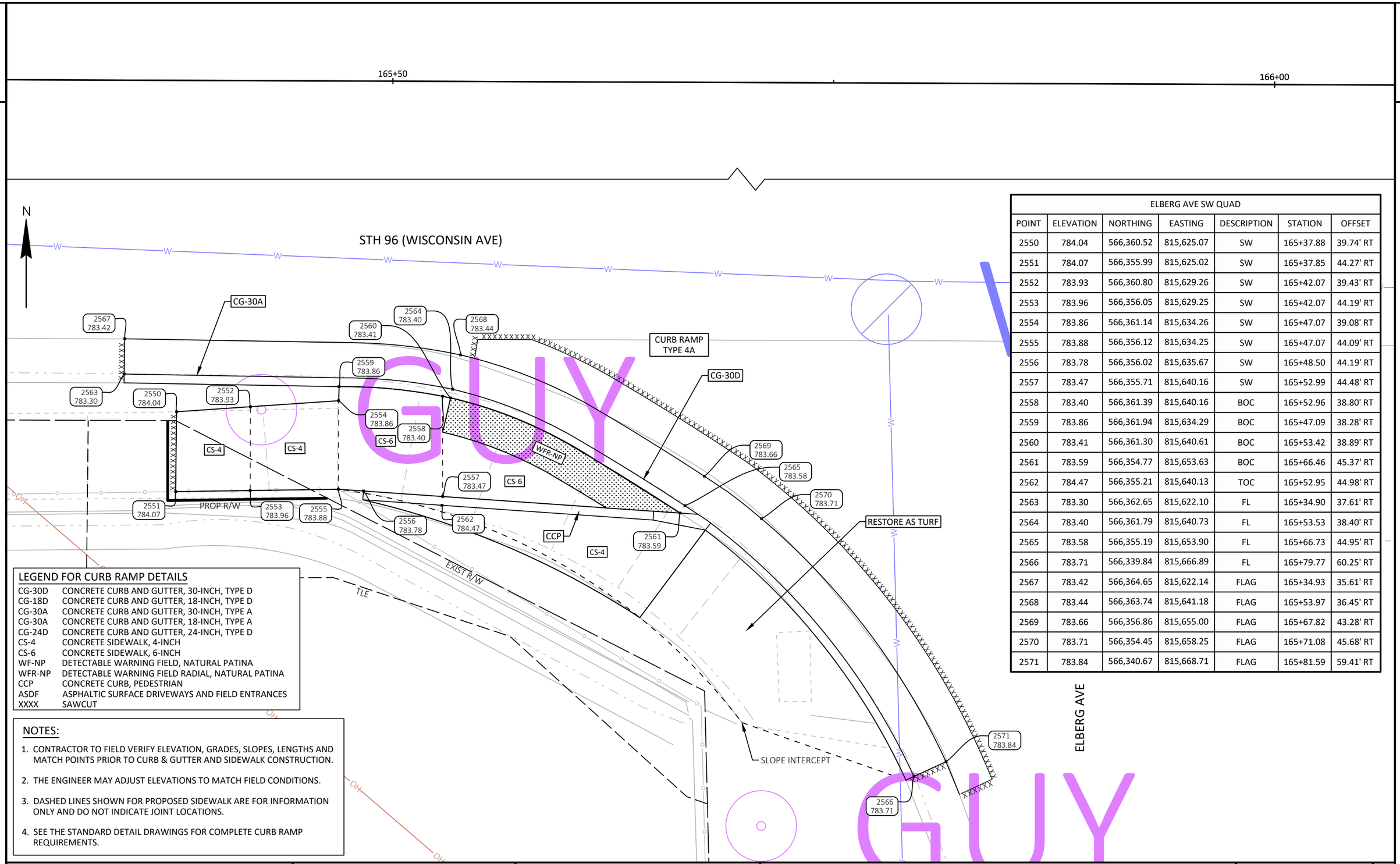
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021330-cr
PLOT DATE : 9/30/2022 10:14 AM
PLOT BY : ANDY WESTBROOK
PLOT NAME :
PLOT SCALE : 1 IN:5 FT



ELBERG AVE SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2550	784.04	566,360.52	815,625.07	SW	165+37.88	39.74' RT
2551	784.07	566,355.99	815,625.02	SW	165+37.85	44.27' RT
2552	783.93	566,360.80	815,629.26	SW	165+42.07	39.43' RT
2553	783.96	566,356.05	815,629.25	SW	165+42.07	44.19' RT
2554	783.86	566,361.14	815,634.26	SW	165+47.07	39.08' RT
2555	783.88	566,356.12	815,634.25	SW	165+47.07	44.09' RT
2556	783.78	566,356.02	815,635.67	SW	165+48.50	44.19' RT
2557	783.47	566,355.71	815,640.16	SW	165+52.99	44.48' RT
2558	783.40	566,361.39	815,640.16	BOC	165+52.96	38.80' RT
2559	783.86	566,361.94	815,634.29	BOC	165+47.09	38.28' RT
2560	783.41	566,361.30	815,640.61	BOC	165+53.42	38.89' RT
2561	783.59	566,354.77	815,653.63	BOC	165+66.46	45.37' RT
2562	784.47	566,355.21	815,640.13	TOC	165+52.95	44.98' RT
2563	783.30	566,362.65	815,622.10	FL	165+34.90	37.61' RT
2564	783.40	566,361.79	815,640.73	FL	165+53.53	38.40' RT
2565	783.58	566,355.19	815,653.90	FL	165+66.73	44.95' RT
2566	783.71	566,339.84	815,666.89	FL	165+79.77	60.25' RT
2567	783.42	566,364.65	815,622.14	FLAG	165+34.93	35.61' RT
2568	783.44	566,363.74	815,641.18	FLAG	165+53.97	36.45' RT
2569	783.66	566,356.86	815,655.00	FLAG	165+67.82	43.28' RT
2570	783.71	566,354.45	815,658.25	FLAG	165+71.08	45.68' RT
2571	783.84	566,340.67	815,668.71	FLAG	165+81.59	59.41' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

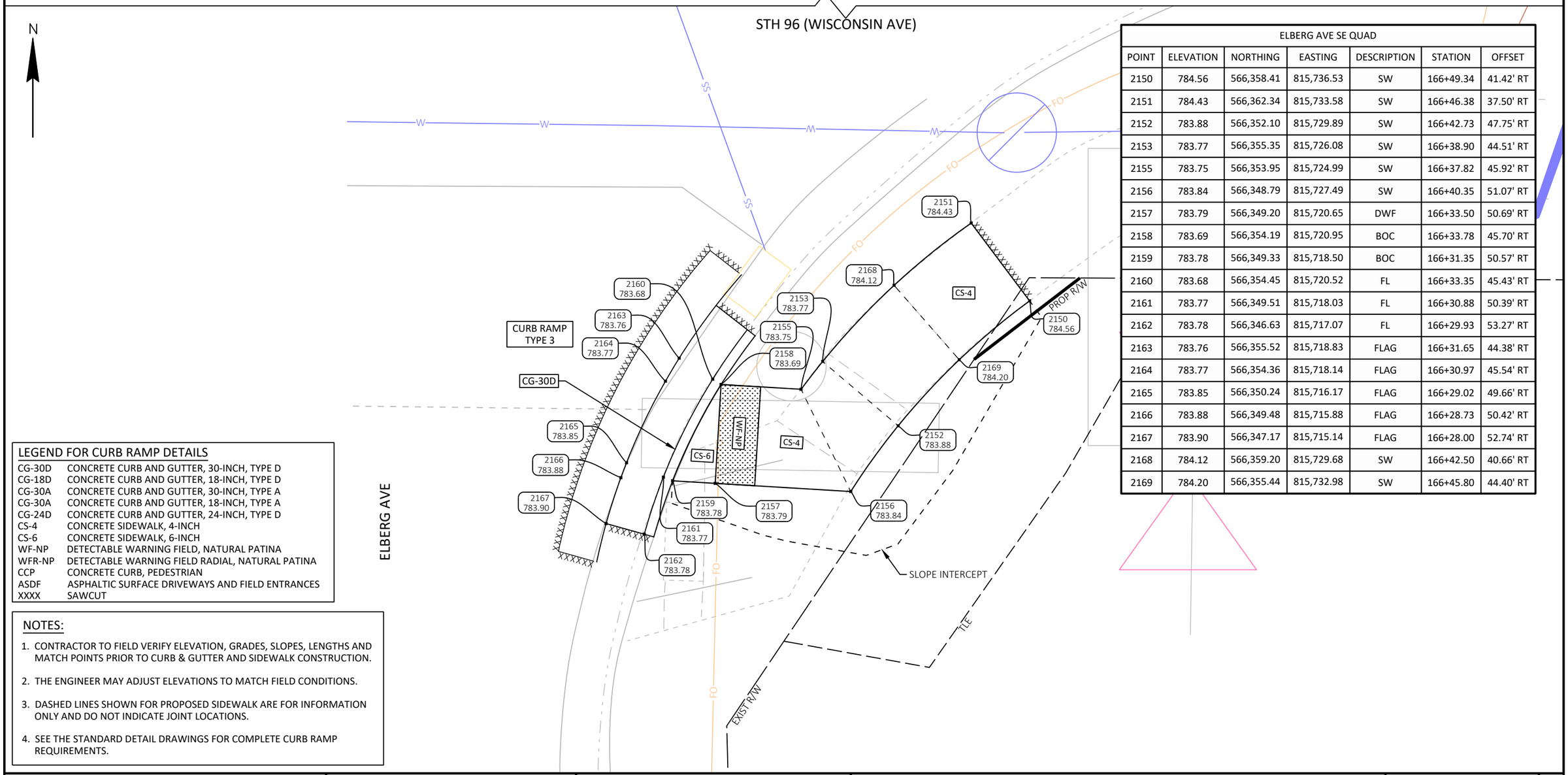
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

GUY

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

2 2

166+00 166+50



ELBERG AVE SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2150	784.56	566,358.41	815,736.53	SW	166+49.34	41.42' RT
2151	784.43	566,362.34	815,733.58	SW	166+46.38	37.50' RT
2152	783.88	566,352.10	815,729.89	SW	166+42.73	47.75' RT
2153	783.77	566,355.35	815,726.08	SW	166+38.90	44.51' RT
2155	783.75	566,353.95	815,724.99	SW	166+37.82	45.92' RT
2156	783.84	566,348.79	815,727.49	SW	166+40.35	51.07' RT
2157	783.79	566,349.20	815,720.65	DWF	166+33.50	50.69' RT
2158	783.69	566,354.19	815,720.95	BOC	166+33.78	45.70' RT
2159	783.78	566,349.33	815,718.50	BOC	166+31.35	50.57' RT
2160	783.68	566,354.45	815,720.52	FL	166+33.35	45.43' RT
2161	783.77	566,349.51	815,718.03	FL	166+30.88	50.39' RT
2162	783.78	566,346.63	815,717.07	FL	166+29.93	53.27' RT
2163	783.76	566,355.52	815,718.83	FLAG	166+31.65	44.38' RT
2164	783.77	566,354.36	815,718.14	FLAG	166+30.97	45.54' RT
2165	783.85	566,350.24	815,716.17	FLAG	166+29.02	49.66' RT
2166	783.88	566,349.48	815,715.88	FLAG	166+28.73	50.42' RT
2167	783.90	566,347.17	815,715.14	FLAG	166+28.00	52.74' RT
2168	784.12	566,359.20	815,729.68	SW	166+42.50	40.66' RT
2169	784.20	566,355.44	815,732.98	SW	166+45.80	44.40' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

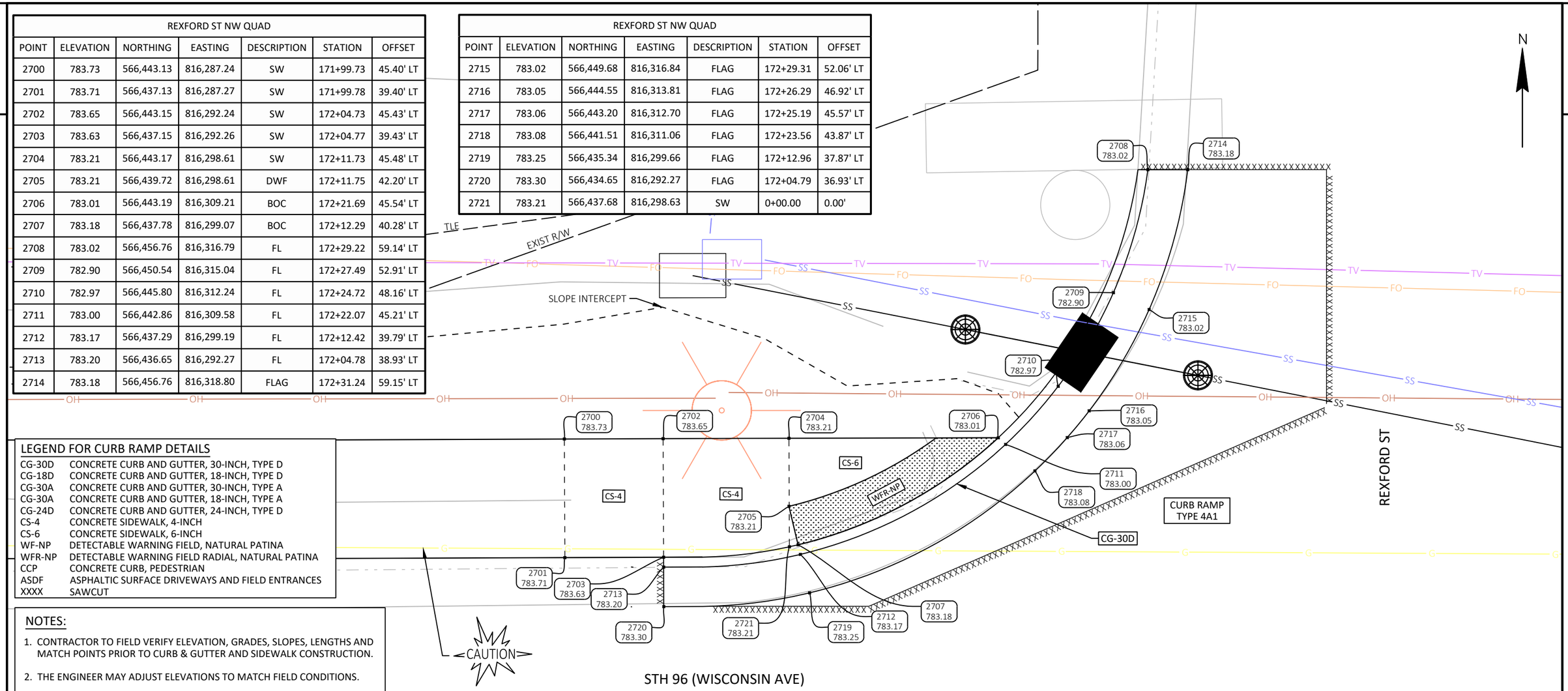
NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

REXFORD ST NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2700	783.73	566,443.13	816,287.24	SW	171+99.73	45.40' LT
2701	783.71	566,437.13	816,287.27	SW	171+99.78	39.40' LT
2702	783.65	566,443.15	816,292.24	SW	172+04.73	45.43' LT
2703	783.63	566,437.15	816,292.26	SW	172+04.77	39.43' LT
2704	783.21	566,443.17	816,298.61	SW	172+11.73	45.48' LT
2705	783.21	566,439.72	816,298.61	DWF	172+11.75	42.20' LT
2706	783.01	566,443.19	816,309.21	BOC	172+21.69	45.54' LT
2707	783.18	566,437.78	816,299.07	BOC	172+12.29	40.28' LT
2708	783.02	566,456.76	816,316.79	FL	172+29.22	59.14' LT
2709	782.90	566,450.54	816,315.04	FL	172+27.49	52.91' LT
2710	782.97	566,445.80	816,312.24	FL	172+24.72	48.16' LT
2711	783.00	566,442.86	816,309.58	FL	172+22.07	45.21' LT
2712	783.17	566,437.29	816,299.19	FL	172+12.42	39.79' LT
2713	783.20	566,436.65	816,292.27	FL	172+04.78	38.93' LT
2714	783.18	566,456.76	816,318.80	FLAG	172+31.24	59.15' LT

REXFORD ST NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2715	783.02	566,449.68	816,316.84	FLAG	172+29.31	52.06' LT
2716	783.05	566,444.55	816,313.81	FLAG	172+26.29	46.92' LT
2717	783.06	566,443.20	816,312.70	FLAG	172+25.19	45.57' LT
2718	783.08	566,441.51	816,311.06	FLAG	172+23.56	43.87' LT
2719	783.25	566,435.34	816,299.66	FLAG	172+12.96	37.87' LT
2720	783.30	566,434.65	816,292.27	FLAG	172+04.79	36.93' LT
2721	783.21	566,437.68	816,298.63	SW	0+00.00	0.00'



LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

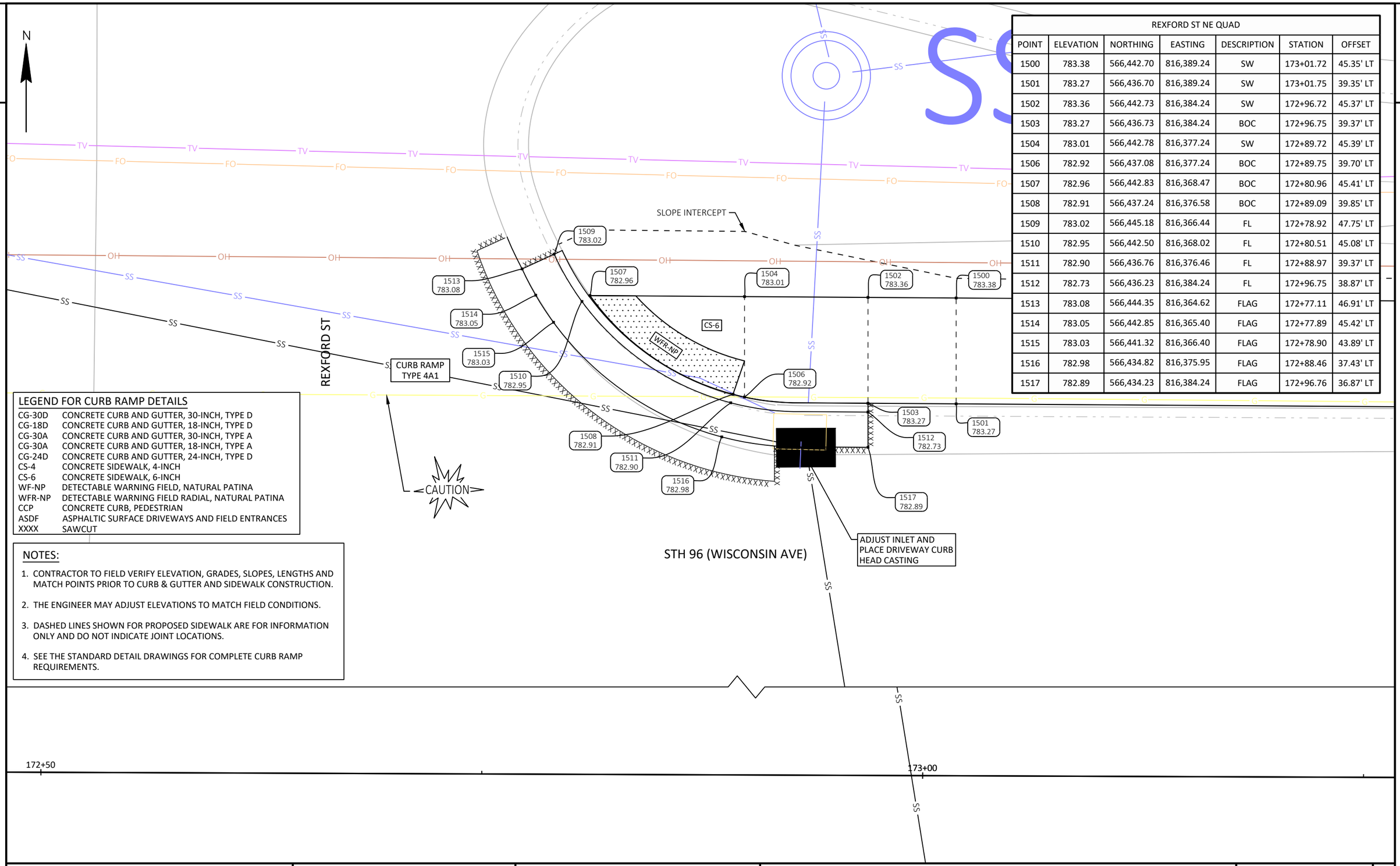
NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021333-cr

PLOT DATE : 9/30/2022 8:40 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT



REXFORD ST NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1500	783.38	566,442.70	816,389.24	SW	173+01.72	45.35' LT
1501	783.27	566,436.70	816,389.24	SW	173+01.75	39.35' LT
1502	783.36	566,442.73	816,384.24	SW	172+96.72	45.37' LT
1503	783.27	566,436.73	816,384.24	BOC	172+96.75	39.37' LT
1504	783.01	566,442.78	816,377.24	SW	172+89.72	45.39' LT
1506	782.92	566,437.08	816,377.24	BOC	172+89.75	39.70' LT
1507	782.96	566,442.83	816,368.47	BOC	172+80.96	45.41' LT
1508	782.91	566,437.24	816,376.58	BOC	172+89.09	39.85' LT
1509	783.02	566,445.18	816,366.44	FL	172+78.92	47.75' LT
1510	782.95	566,442.50	816,368.02	FL	172+80.51	45.08' LT
1511	782.90	566,436.76	816,376.46	FL	172+88.97	39.37' LT
1512	782.73	566,436.23	816,384.24	FL	172+96.75	38.87' LT
1513	783.08	566,444.35	816,364.62	FLAG	172+77.11	46.91' LT
1514	783.05	566,442.85	816,365.40	FLAG	172+77.89	45.42' LT
1515	783.03	566,441.32	816,366.40	FLAG	172+78.90	43.89' LT
1516	782.98	566,434.82	816,375.95	FLAG	172+88.46	37.43' LT
1517	782.89	566,434.23	816,384.24	FLAG	172+96.76	36.87' LT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021334-cr
PLOT DATE : 9/30/2022 8:41 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

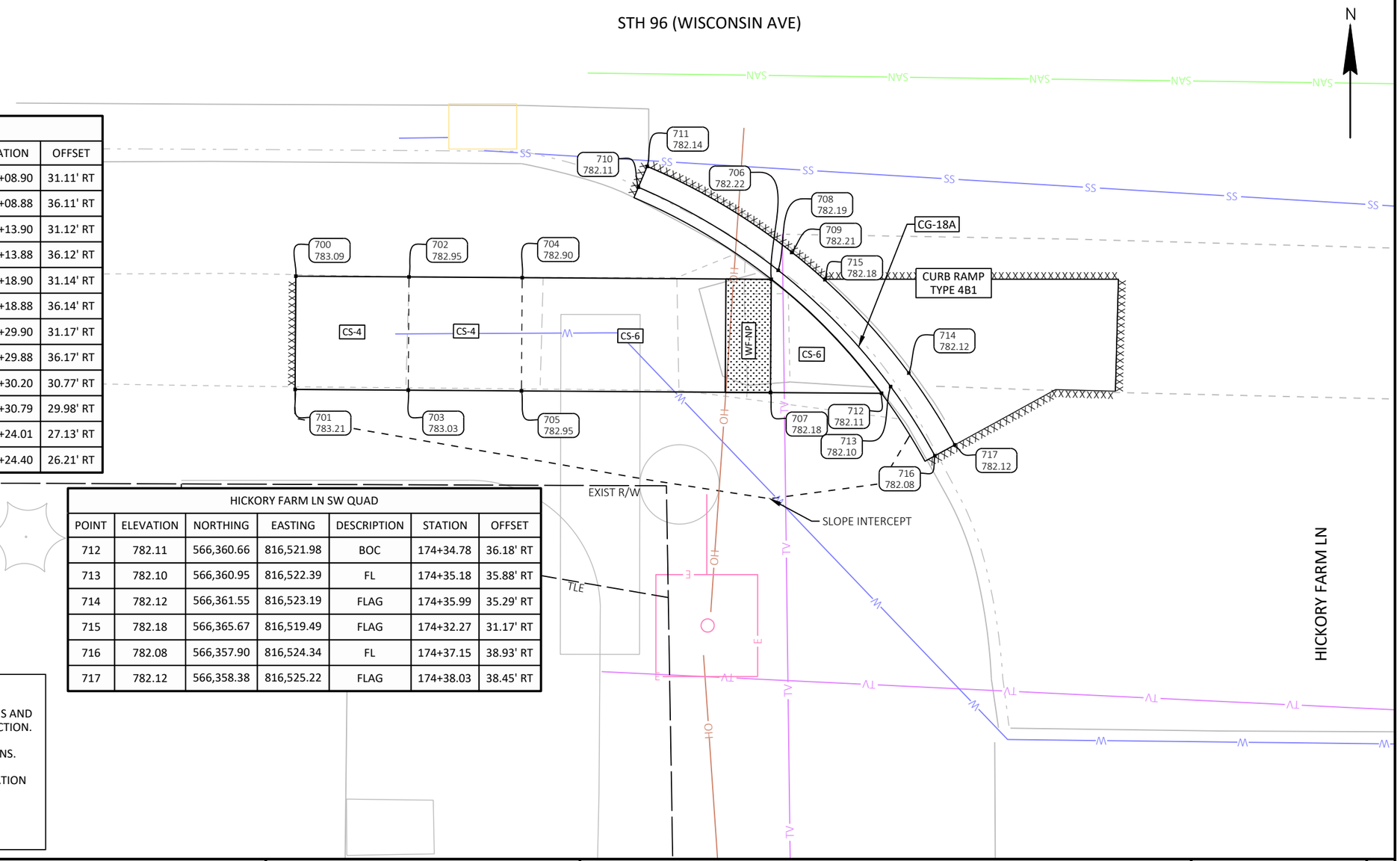
174+00

174+50

2

STH 96 (WISCONSIN AVE)

N



HICKORY FARM LN SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
700	783.09	566,365.83	816,496.12	SW	174+08.90	31.11' RT
701	783.21	566,360.83	816,496.08	SW	174+08.88	36.11' RT
702	782.95	566,365.79	816,501.12	SW	174+13.90	31.12' RT
703	783.03	566,360.79	816,501.08	SW	174+13.88	36.12' RT
704	782.90	566,365.76	816,506.12	SW	174+18.90	31.14' RT
705	782.95	566,360.76	816,506.08	SW	174+18.88	36.14' RT
706	782.22	566,365.69	816,517.11	BOC	174+29.90	31.17' RT
707	782.18	566,360.69	816,517.08	DWF	174+29.88	36.17' RT
708	782.19	566,366.09	816,517.42	FL	174+30.20	30.77' RT
709	782.21	566,366.87	816,518.02	FLAG	174+30.79	29.98' RT
710	782.11	566,369.75	816,511.24	FL	174+24.01	27.13' RT
711	782.14	566,370.67	816,511.64	FLAG	174+24.40	26.21' RT

HICKORY FARM LN SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
712	782.11	566,360.66	816,521.98	BOC	174+34.78	36.18' RT
713	782.10	566,360.95	816,522.39	FL	174+35.18	35.88' RT
714	782.12	566,361.55	816,523.19	FLAG	174+35.99	35.29' RT
715	782.18	566,365.67	816,519.49	FLAG	174+32.27	31.17' RT
716	782.08	566,357.90	816,524.34	FL	174+37.15	38.93' RT
717	782.12	566,358.38	816,525.22	FLAG	174+38.03	38.45' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021335-cr

PLOT DATE : 9/30/2022 8:41 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

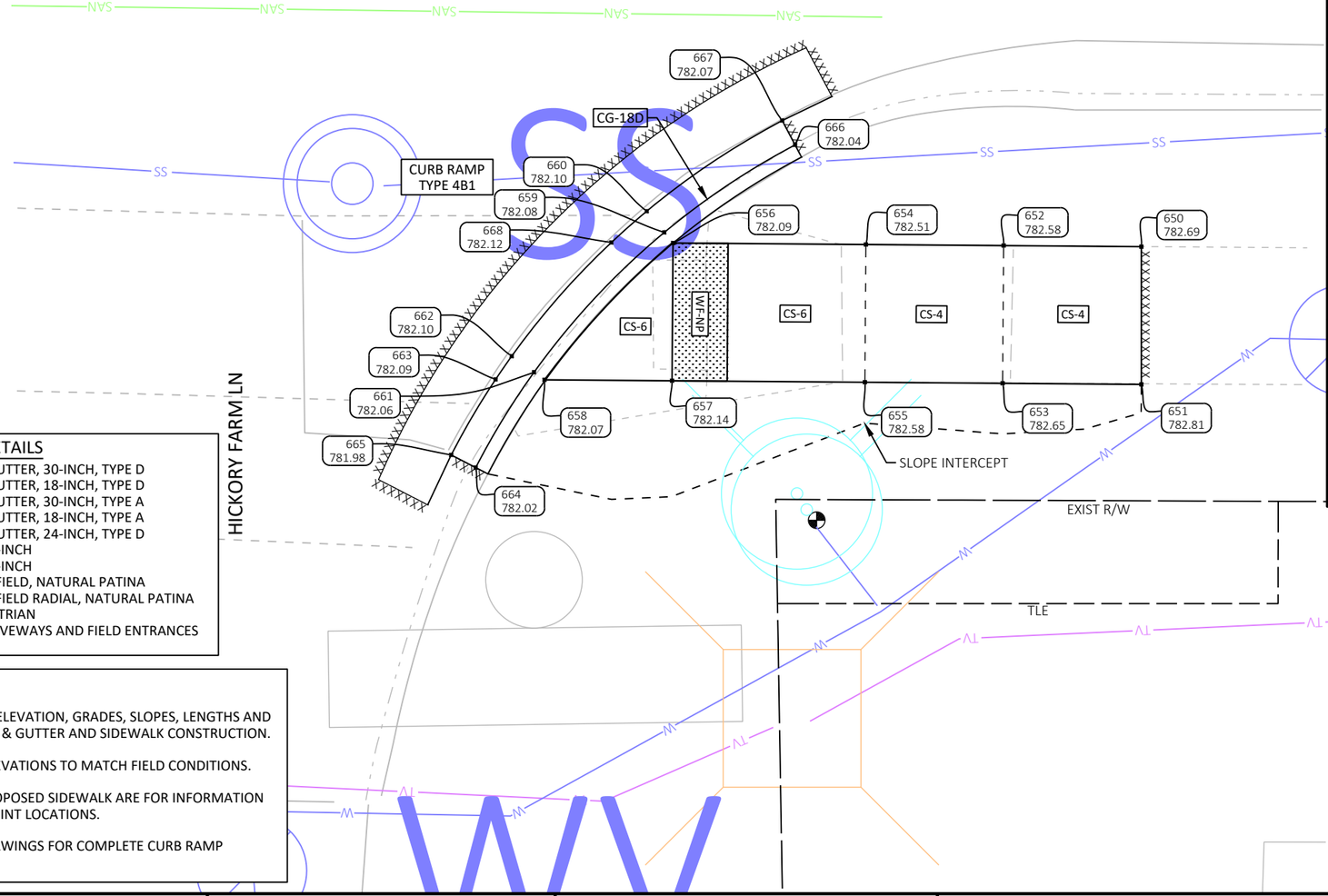
WISDOT/CADDS SHEET 42

2

175+00

N

STH 96 (WISCONSIN AVE)



HICKORY FARM LN SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
650	782.69	566,365.49	816,591.77	SW	175+04.55	31.08' RT
651	782.81	566,360.49	816,591.77	SW	175+04.57	36.08' RT
652	782.58	566,365.53	816,586.77	SW	174+99.55	31.06' RT
653	782.65	566,360.53	816,586.73	SW	174+99.53	36.06' RT
654	782.51	566,365.57	816,581.77	SW	174+94.55	31.04' RT
655	782.58	566,360.57	816,581.73	SW	174+94.53	36.04' RT
656	782.09	566,365.62	816,574.77	BOC	174+87.55	31.01' RT
657	782.14	566,360.63	816,574.73	DWF	174+87.53	36.01' RT
658	782.07	566,360.66	816,570.10	BOC	174+82.90	35.99' RT
659	782.08	566,366.01	816,574.45	FL	174+87.23	30.63' RT
660	782.10	566,366.78	816,573.81	FLAG	174+86.59	29.86' RT
661	782.06	566,360.93	816,569.72	FL	174+82.52	35.72' RT
662	782.10	566,361.52	816,568.91	FLAG	174+81.71	35.14' RT
663	782.09	566,360.67	816,568.33	FLAG	174+81.13	35.99' RT
664	782.02	566,357.47	816,567.61	FL	174+80.42	39.19' RT
665	781.98	566,357.93	816,566.72	FLAG	174+79.53	38.74' RT
666	782.04	566,369.19	816,579.20	FL	174+91.97	27.43' RT
667	782.07	566,370.07	816,578.73	FLAG	174+91.50	26.55' RT
668	782.12	566,365.64	816,572.53	FLAG	174+85.31	31.00' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

LYNNDALE DR NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1750	784.95	566,450.57	817,060.43	SW	179+71.83	62.23' LT
1751	784.91	566,453.31	817,063.31	SW	179+74.66	65.04' LT
1752	784.84	566,458.83	817,069.11	SW	179+80.33	70.68' LT
1753	784.83	566,462.99	817,069.14	SW	179+80.27	74.84' LT
1754	784.65	566,463.08	817,077.55	SW	179+89.81	75.02' LT
1755	784.70	566,459.89	817,077.47	SW	179+89.75	71.82' LT
1756	784.85	566,446.24	817,063.14	SW	179+74.64	57.97' LT
1757	784.83	566,449.69	817,066.76	SW	179+78.18	61.49' LT
1758	784.76	566,455.21	817,072.56	SW	179+84.86	67.11' LT
1759	784.92	566,441.67	817,067.50	BOC	179+79.09	53.49' LT
1760	784.41	566,444.61	817,071.60	BOC	179+83.98	56.51' LT
1761	784.34	566,450.13	817,077.37	BOC	179+89.71	62.06' LT
1762	784.40	566,438.40	817,062.71	FL	179+74.37	50.12' LT
1763	784.42	566,441.29	817,067.83	FL	179+79.43	53.11' LT
1764	784.38	566,444.23	817,071.91	FL	179+84.29	56.13' LT
1765	784.31	566,449.79	817,077.74	FL	179+90.09	61.73' LT
1766	784.27	566,455.33	817,081.98	FL	179+94.29	67.30' LT

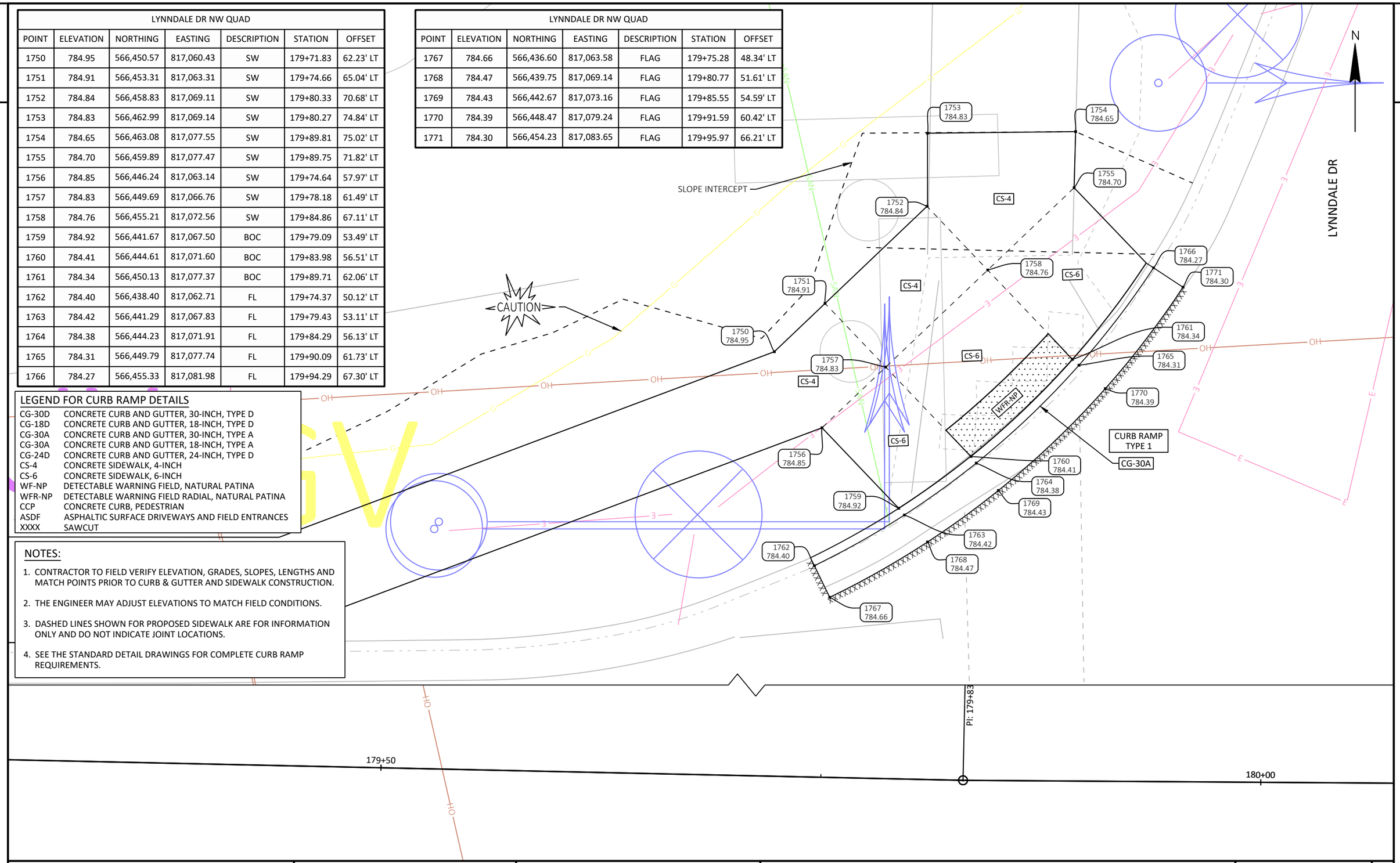
LYNNDALE DR NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1767	784.66	566,436.60	817,063.58	FLAG	179+75.28	48.34' LT
1768	784.47	566,439.75	817,069.14	FLAG	179+80.77	51.61' LT
1769	784.43	566,442.67	817,073.16	FLAG	179+85.55	54.59' LT
1770	784.39	566,448.47	817,079.24	FLAG	179+91.59	60.42' LT
1771	784.30	566,454.23	817,083.65	FLAG	179+95.97	66.21' LT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

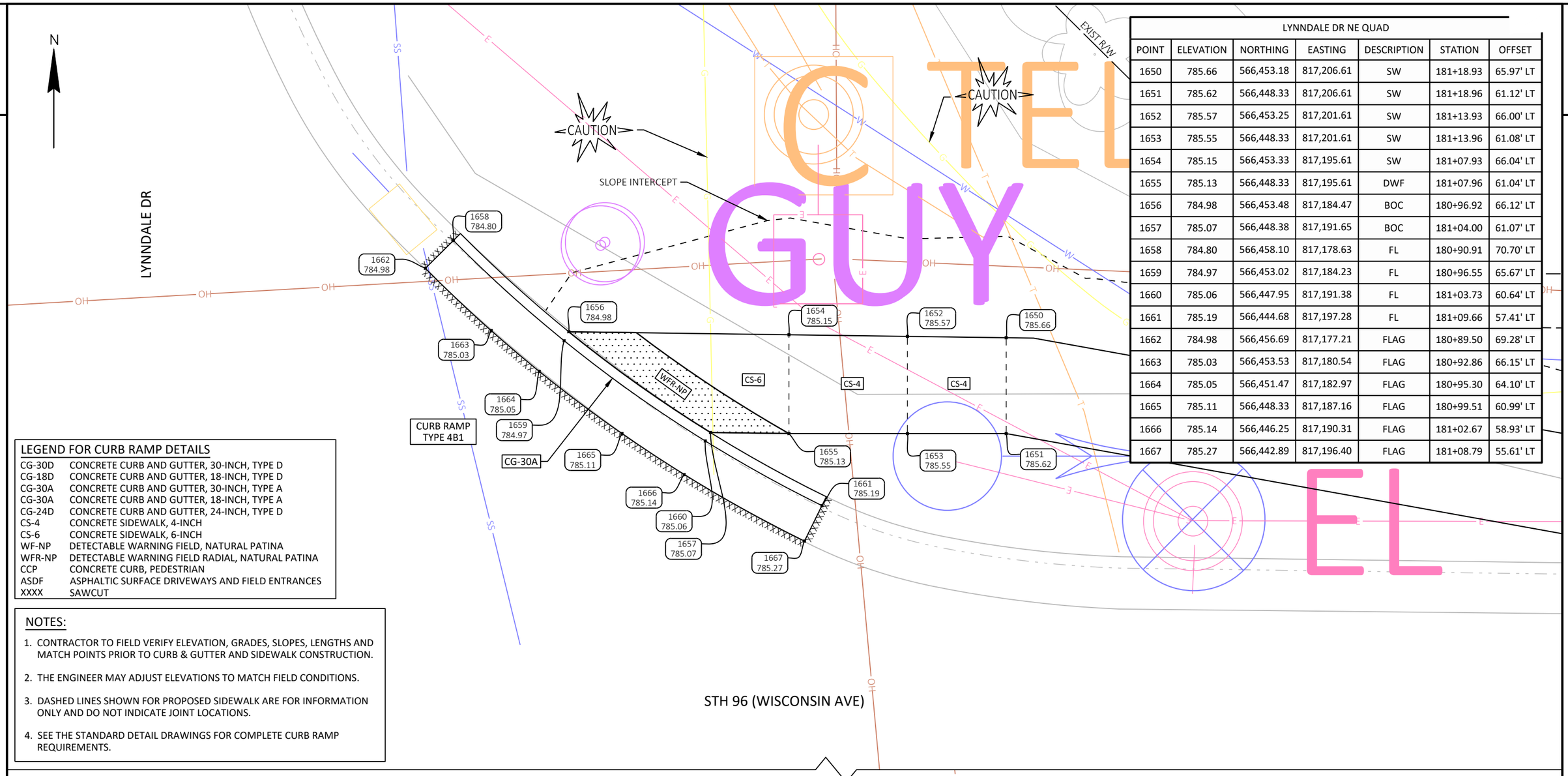
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021337-cr

PLOT DATE : 9/30/2022 8:42 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT



LYNNDALE DR NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1650	785.66	566,453.18	817,206.61	SW	181+18.93	65.97' LT
1651	785.62	566,448.33	817,206.61	SW	181+18.96	61.12' LT
1652	785.57	566,453.25	817,201.61	SW	181+13.93	66.00' LT
1653	785.55	566,448.33	817,201.61	SW	181+13.96	61.08' LT
1654	785.15	566,453.33	817,195.61	SW	181+07.93	66.04' LT
1655	785.13	566,448.33	817,195.61	DWF	181+07.96	61.04' LT
1656	784.98	566,453.48	817,184.47	BOC	180+96.92	66.12' LT
1657	785.07	566,448.38	817,191.65	BOC	181+04.00	61.07' LT
1658	784.80	566,458.10	817,178.63	FL	180+90.91	70.70' LT
1659	784.97	566,453.02	817,184.23	FL	180+96.55	65.67' LT
1660	785.06	566,447.95	817,191.38	FL	181+03.73	60.64' LT
1661	785.19	566,444.68	817,197.28	FL	181+09.66	57.41' LT
1662	784.98	566,456.69	817,177.21	FLAG	180+89.50	69.28' LT
1663	785.03	566,453.53	817,180.54	FLAG	180+92.86	66.15' LT
1664	785.05	566,451.47	817,182.97	FLAG	180+95.30	64.10' LT
1665	785.11	566,448.33	817,187.16	FLAG	180+99.51	60.99' LT
1666	785.14	566,446.25	817,190.31	FLAG	181+02.67	58.93' LT
1667	785.27	566,442.89	817,196.40	FLAG	181+08.79	55.61' LT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021338-cr

PLOT DATE : 9/30/2022 8:42 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

2

179+50

PI: 179+8

180+00

2

N

STH 96 (WISCONSIN AVE)

CURB RAMP TYPE 1

CG-30A

CS-4

CS-6

WF-NP

1700 784.94
1701 784.87
1702 784.95
1703 784.87
1704 784.73
1705 784.70
1706 784.96
1707 784.66
1708 784.63
1709 784.97
1710 784.54
1711 784.51
1712 784.84
1713 784.44
1714 784.55
1715 784.53
1716 784.50
1717 784.42
1718 784.57
1719 784.56
1720 784.61
1721 784.58
1722 784.56

SLOPE INTERCEPT

EXIST R/W

LYNNDALE DR

LYNNDALE DR SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1700	784.94	566,341.45	817,059.17	SW	179+72.93	46.88' RT
1701	784.87	566,346.49	817,059.05	SW	179+72.70	41.85' RT
1702	784.95	566,345.66	817,068.11	SW	179+81.78	42.49' RT
1703	784.87	566,340.63	817,068.23	SW	179+82.01	47.52' RT
1704	784.73	566,339.60	817,070.01	SW	---	---
1705	784.70	566,337.07	817,074.37	SW	179+87.46	51.01' RT
1706	784.96	566,334.49	817,078.83	SW	179+91.93	53.56' RT
1707	784.66	566,343.94	817,072.53	DWF	179+85.57	44.15' RT
1708	784.63	566,341.42	817,076.88	DWF	179+89.94	46.65' RT
1709	784.97	566,347.78	817,068.98	BOC	179+82.60	40.34' RT
1710	784.54	566,345.74	817,073.57	BOC	179+86.60	42.34' RT
1711	784.51	566,343.15	817,077.89	BOC	179+90.93	44.91' RT
1712	784.84	566,339.93	817,081.98	BOC	179+95.04	48.10' RT
1713	784.44	566,350.05	817,062.81	FL	179+76.38	38.21' RT
1714	784.55	566,348.61	817,068.16	FL	179+81.76	39.54' RT
1715	784.53	566,346.18	817,073.82	FL	179+86.85	41.91' RT
1716	784.50	566,343.58	817,078.14	FL	179+91.18	44.47' RT
1717	784.42	566,339.62	817,083.06	FL	179+96.13	48.40' RT
1718	784.57	566,352.02	817,063.20	FLAG	179+76.73	36.24' RT
1719	784.56	566,350.53	817,068.72	FLAG	179+82.28	37.61' RT
1720	784.61	566,347.91	817,074.82	FLAG	179+87.84	40.17' RT
1721	784.58	566,345.32	817,079.14	FLAG	179+92.17	42.73' RT
1722	784.56	566,341.08	817,084.43	FLAG	179+97.49	46.94' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
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4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

GUY GUY

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021339-cr
PLOT DATE : 9/30/2022 8:42 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

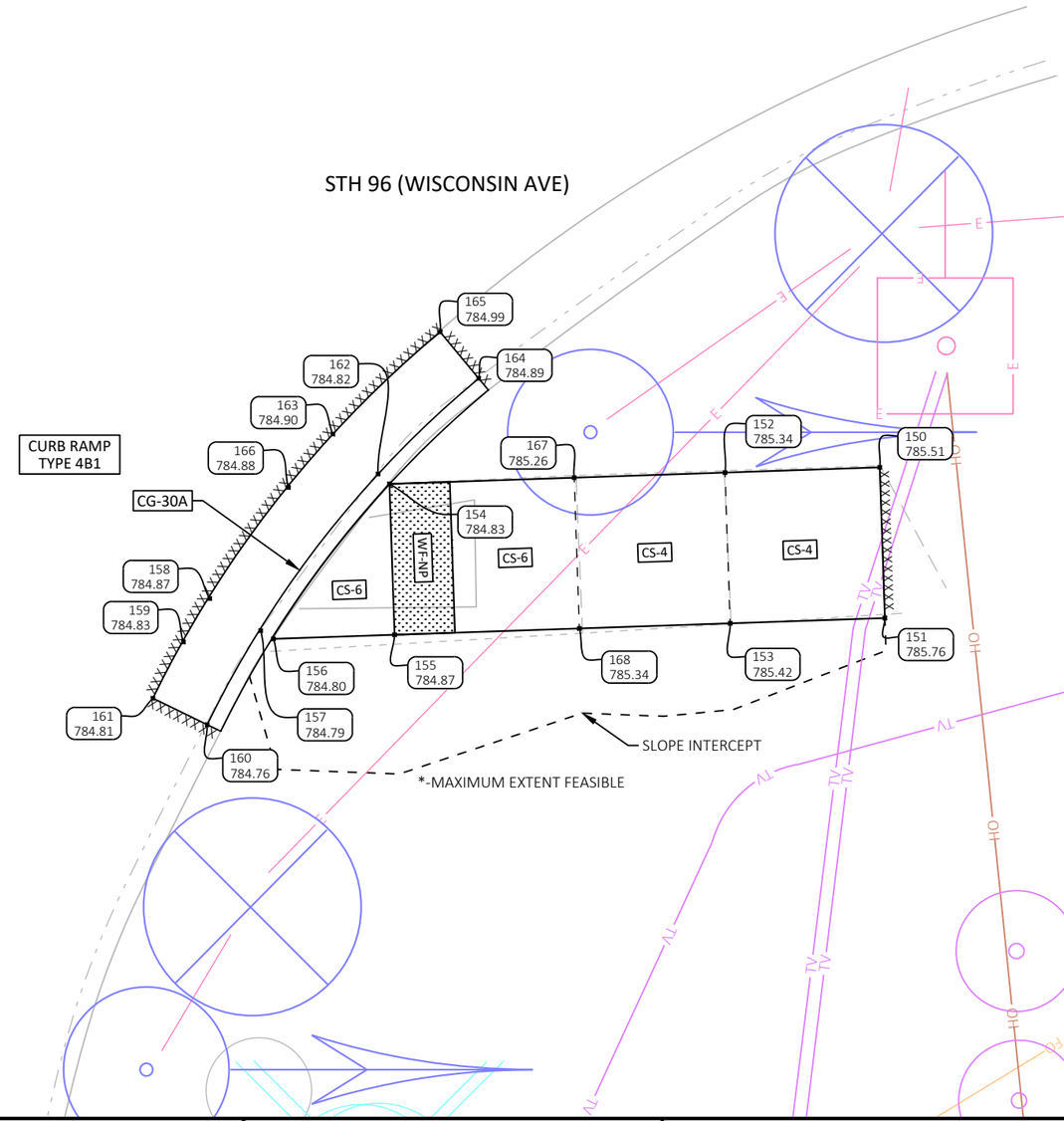
181+00

2

N

STH 96 (WISCONSIN AVE)

LYNNDALE DR



LYNNDALE DR SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
150	785.51	566,348.11	817,206.51	SW	181+19.52	39.10' RT
151	785.76	566,343.11	817,206.68	SW	181+19.73	44.10' RT
152	785.34	566,347.93	817,201.38	SW	181+14.39	39.31' RT
153	785.42	566,342.94	817,201.55	SW	181+14.60	44.31' RT
154	784.83	566,347.56	817,190.26	DWF	181+03.27	39.76' RT
155	784.87	566,342.56	817,190.43	DWF	181+03.47	44.76' RT
156	784.80	566,342.42	817,186.41	BOC	180+99.46	44.92' RT
157	784.79	566,342.69	817,185.99	FL	180+99.03	44.66' RT
158	784.87	566,343.76	817,184.30	FLAG	180+97.34	43.60' RT
159	784.83	566,342.32	817,183.43	FLAG	180+96.48	45.04' RT
160	784.76	566,339.58	817,184.21	FL	180+97.28	47.78' RT
161	784.81	566,340.46	817,182.42	FLAG	180+95.48	46.91' RT
162	784.82	566,347.89	817,189.88	FL	181+02.89	39.43' RT
163	784.90	566,349.21	817,188.38	FLAG	181+01.39	38.12' RT
164	784.89	566,351.05	817,193.22	FL	181+06.21	36.24' RT
165	784.99	566,352.59	817,191.94	FLAG	181+04.92	34.71' RT
166	784.88	566,347.44	817,186.91	FLAG	180+99.92	39.90' RT
167	785.26	566,347.76	817,196.38	SW	181+09.40	39.51' RT
168	785.34	566,342.77	817,196.55	SW	181+09.60	44.51' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
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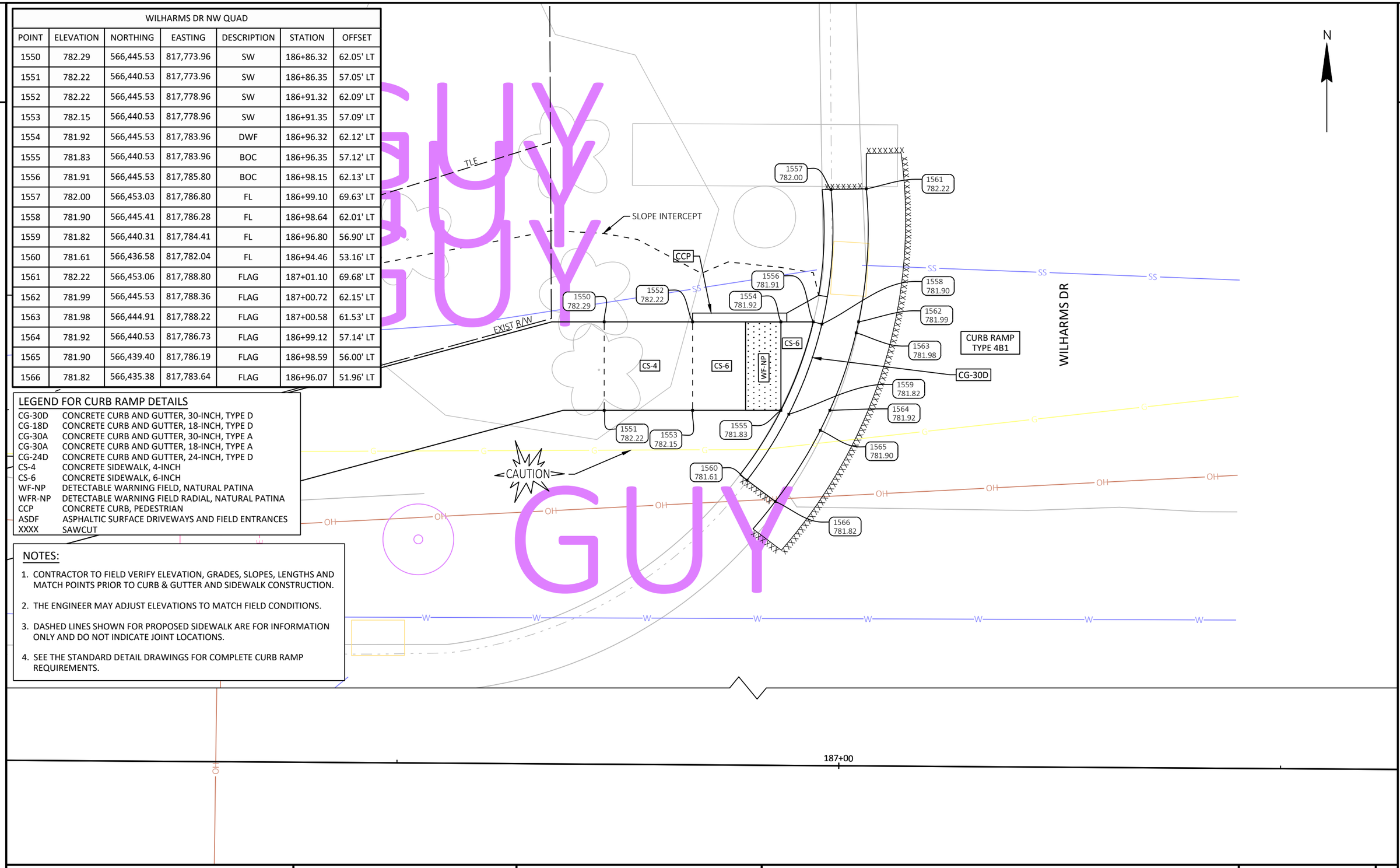
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021340-cr

PLOT DATE : 9/30/2022 8:43 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

WISDOT/CADDS SHEET 42

WILHARMS DR NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1550	782.29	566,445.53	817,773.96	SW	186+86.32	62.05' LT
1551	782.22	566,440.53	817,773.96	SW	186+86.35	57.05' LT
1552	782.22	566,445.53	817,778.96	SW	186+91.32	62.09' LT
1553	782.15	566,440.53	817,778.96	SW	186+91.35	57.09' LT
1554	781.92	566,445.53	817,783.96	DWF	186+96.32	62.12' LT
1555	781.83	566,440.53	817,783.96	BOC	186+96.35	57.12' LT
1556	781.91	566,445.53	817,785.80	BOC	186+98.15	62.13' LT
1557	782.00	566,453.03	817,786.80	FL	186+99.10	69.63' LT
1558	781.90	566,445.41	817,786.28	FL	186+98.64	62.01' LT
1559	781.82	566,440.31	817,784.41	FL	186+96.80	56.90' LT
1560	781.61	566,436.58	817,782.04	FL	186+94.46	53.16' LT
1561	782.22	566,453.06	817,788.80	FLAG	187+01.10	69.68' LT
1562	781.99	566,445.53	817,788.36	FLAG	187+00.72	62.15' LT
1563	781.98	566,444.91	817,788.22	FLAG	187+00.58	61.53' LT
1564	781.92	566,440.53	817,786.73	FLAG	186+99.12	57.14' LT
1565	781.90	566,439.40	817,786.19	FLAG	186+98.59	56.00' LT
1566	781.82	566,435.38	817,783.64	FLAG	186+96.07	51.96' LT



LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

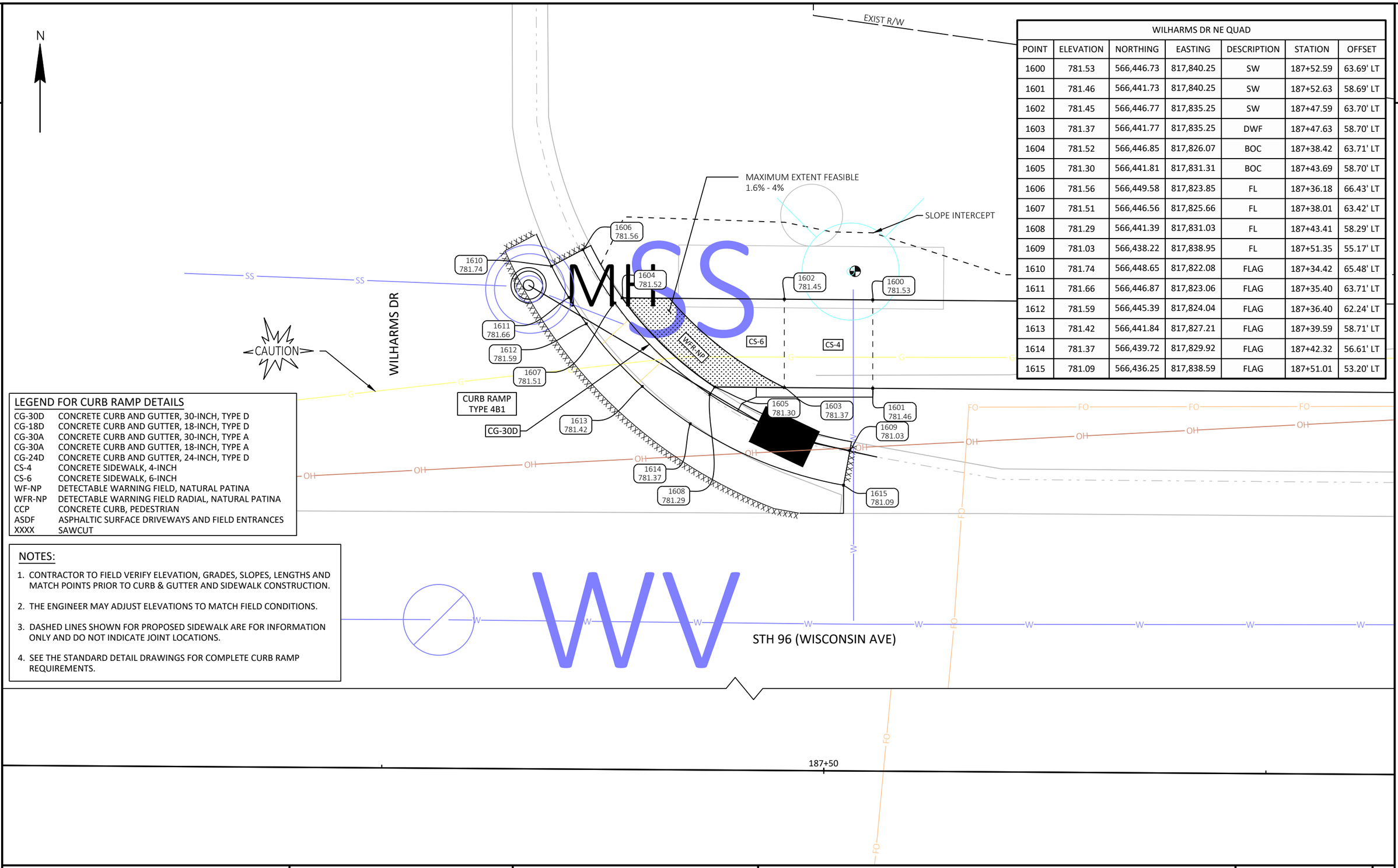
NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

GUY
GUY
GUY

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021341-cr
PLOT DATE : 9/30/2022 8:43 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



WILHARMS DR NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1600	781.53	566,446.73	817,840.25	SW	187+52.59	63.69' LT
1601	781.46	566,441.73	817,840.25	SW	187+52.63	58.69' LT
1602	781.45	566,446.77	817,835.25	SW	187+47.59	63.70' LT
1603	781.37	566,441.77	817,835.25	DWF	187+47.63	58.70' LT
1604	781.52	566,446.85	817,826.07	BOC	187+38.42	63.71' LT
1605	781.30	566,441.81	817,831.31	BOC	187+43.69	58.70' LT
1606	781.56	566,449.58	817,823.85	FL	187+36.18	66.43' LT
1607	781.51	566,446.56	817,825.66	FL	187+38.01	63.42' LT
1608	781.29	566,441.39	817,831.03	FL	187+43.41	58.29' LT
1609	781.03	566,438.22	817,838.95	FL	187+51.35	55.17' LT
1610	781.74	566,448.65	817,822.08	FLAG	187+34.42	65.48' LT
1611	781.66	566,446.87	817,823.06	FLAG	187+35.40	63.71' LT
1612	781.59	566,445.39	817,824.04	FLAG	187+36.40	62.24' LT
1613	781.42	566,441.84	817,827.21	FLAG	187+39.59	58.71' LT
1614	781.37	566,439.72	817,829.92	FLAG	187+42.32	56.61' LT
1615	781.09	566,436.25	817,838.59	FLAG	187+51.01	53.20' LT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

2

186+50

187+00

2

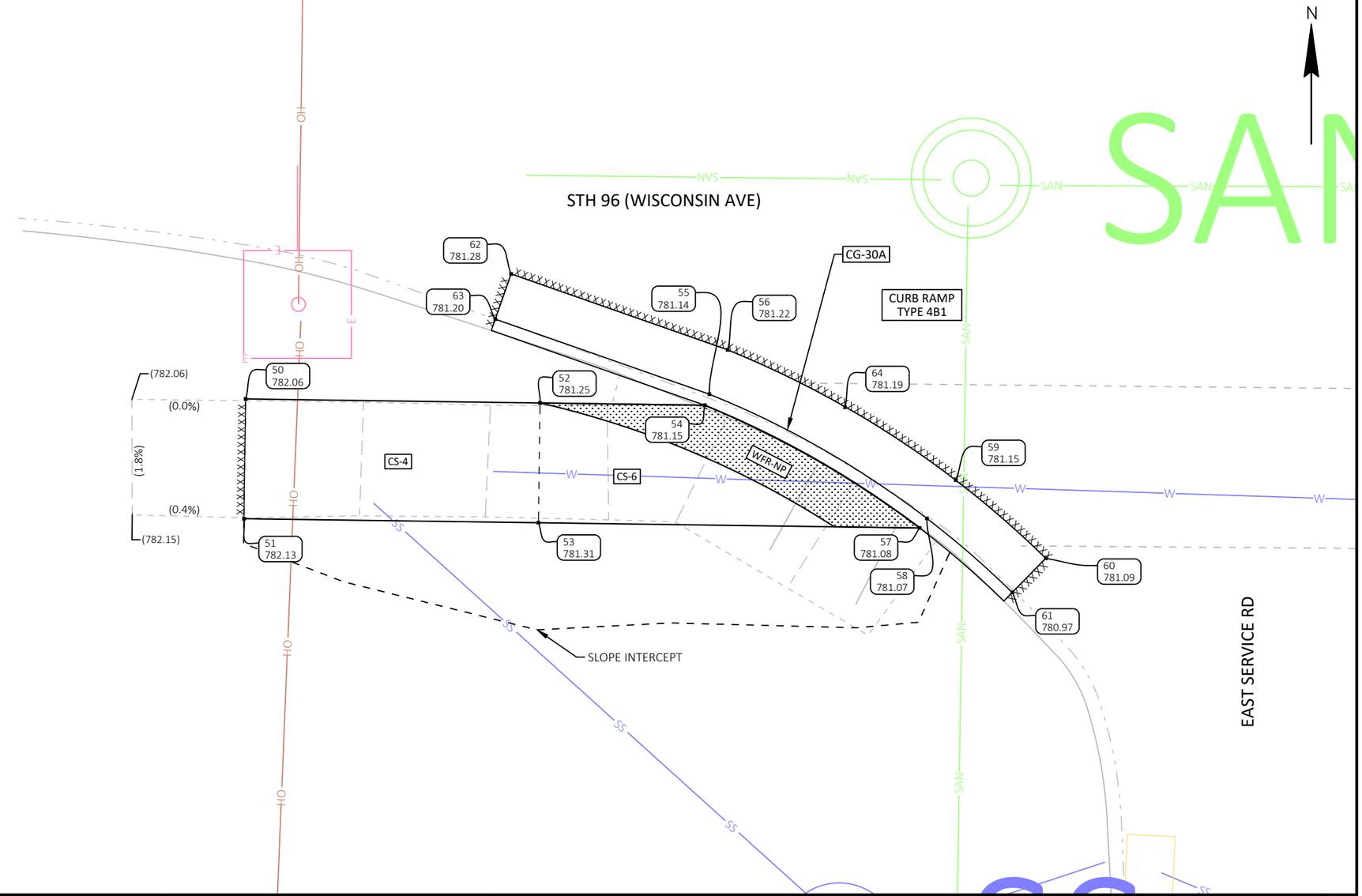
EAST SERVICE RD SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
50	782.06	566,352.62	817,749.40	SW	186+62.37	31.02' RT
51	782.13	566,347.62	817,749.33	SW	186+62.33	36.02' RT
52	781.25	566,352.45	817,761.70	DWF	186+74.67	31.11' RT
53	781.31	566,347.45	817,761.63	SW	186+74.63	36.11' RT
54	781.15	566,352.35	817,768.58	BOC	186+81.55	31.16' RT
55	781.14	566,352.81	817,768.77	FL	186+81.73	30.70' RT
56	781.22	566,354.66	817,769.53	FLAG	186+82.48	28.85' RT
57	781.08	566,347.23	817,777.55	BOC	186+90.56	36.23' RT
58	781.07	566,347.63	817,777.85	FL	186+90.85	35.83' RT
59	781.15	566,349.22	817,779.06	FLAG	186+92.05	34.22' RT
60	781.09	566,345.96	817,782.81	FLAG	186+95.83	37.46' RT
61	780.97	566,344.53	817,781.41	FL	186+94.44	38.89' RT
62	781.28	566,357.83	817,760.49	FLAG	186+73.42	25.73' RT
63	781.20	566,355.95	817,759.82	FL	186+72.77	27.63' RT
64	781.19	566,352.27	817,774.43	FLAG	186+87.40	31.21' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

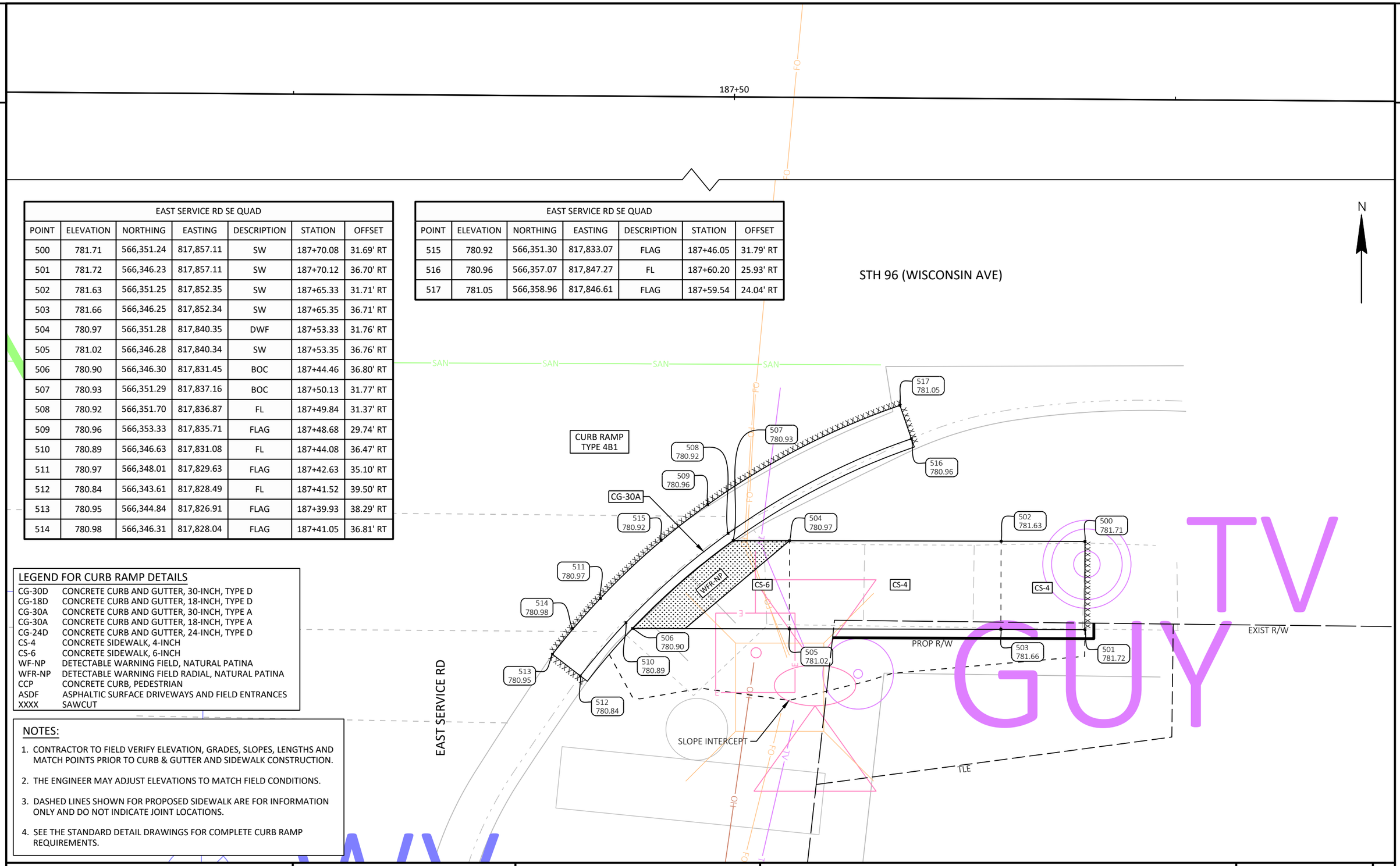
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021343-cr

PLOT DATE : 9/30/2022 8:44 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

2

EAST SERVICE RD SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
500	781.71	566,351.24	817,857.11	SW	187+70.08	31.69' RT
501	781.72	566,346.23	817,857.11	SW	187+70.12	36.70' RT
502	781.63	566,351.25	817,852.35	SW	187+65.33	31.71' RT
503	781.66	566,346.25	817,852.34	SW	187+65.35	36.71' RT
504	780.97	566,351.28	817,840.35	DWF	187+53.33	31.76' RT
505	781.02	566,346.28	817,840.34	SW	187+53.35	36.76' RT
506	780.90	566,346.30	817,831.45	BOC	187+44.46	36.80' RT
507	780.93	566,351.29	817,837.16	BOC	187+50.13	31.77' RT
508	780.92	566,351.70	817,836.87	FL	187+49.84	31.37' RT
509	780.96	566,353.33	817,835.71	FLAG	187+48.68	29.74' RT
510	780.89	566,346.63	817,831.08	FL	187+44.08	36.47' RT
511	780.97	566,348.01	817,829.63	FLAG	187+42.63	35.10' RT
512	780.84	566,343.61	817,828.49	FL	187+41.52	39.50' RT
513	780.95	566,344.84	817,826.91	FLAG	187+39.93	38.29' RT
514	780.98	566,346.31	817,828.04	FLAG	187+41.05	36.81' RT

EAST SERVICE RD SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
515	780.92	566,351.30	817,833.07	FLAG	187+46.05	31.79' RT
516	780.96	566,357.07	817,847.27	FL	187+60.20	25.93' RT
517	781.05	566,358.96	817,846.61	FLAG	187+59.54	24.04' RT



GUY TV

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

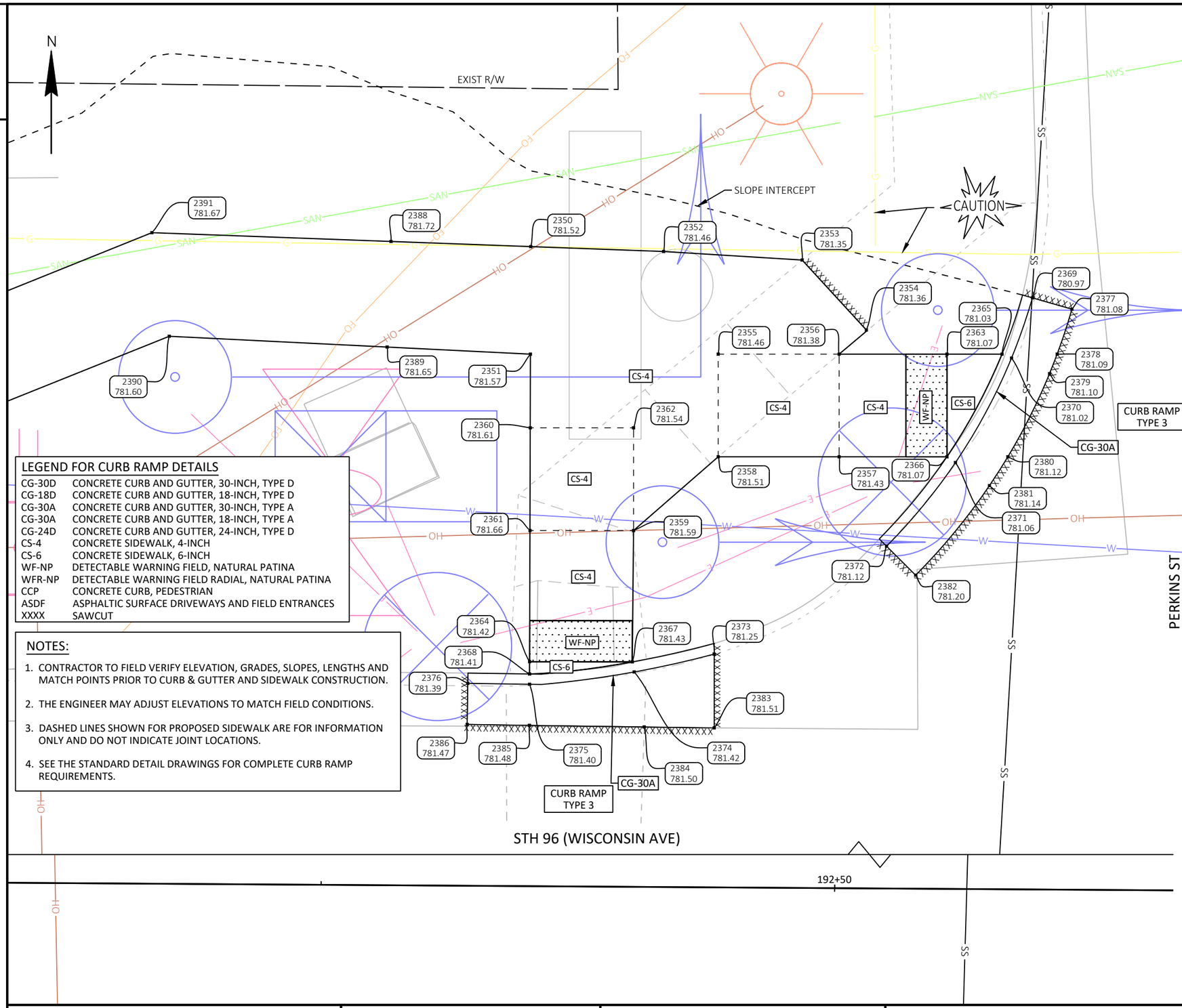
NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

DRAFT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021344-cr
PLOT DATE : 9/30/2022 8:44 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

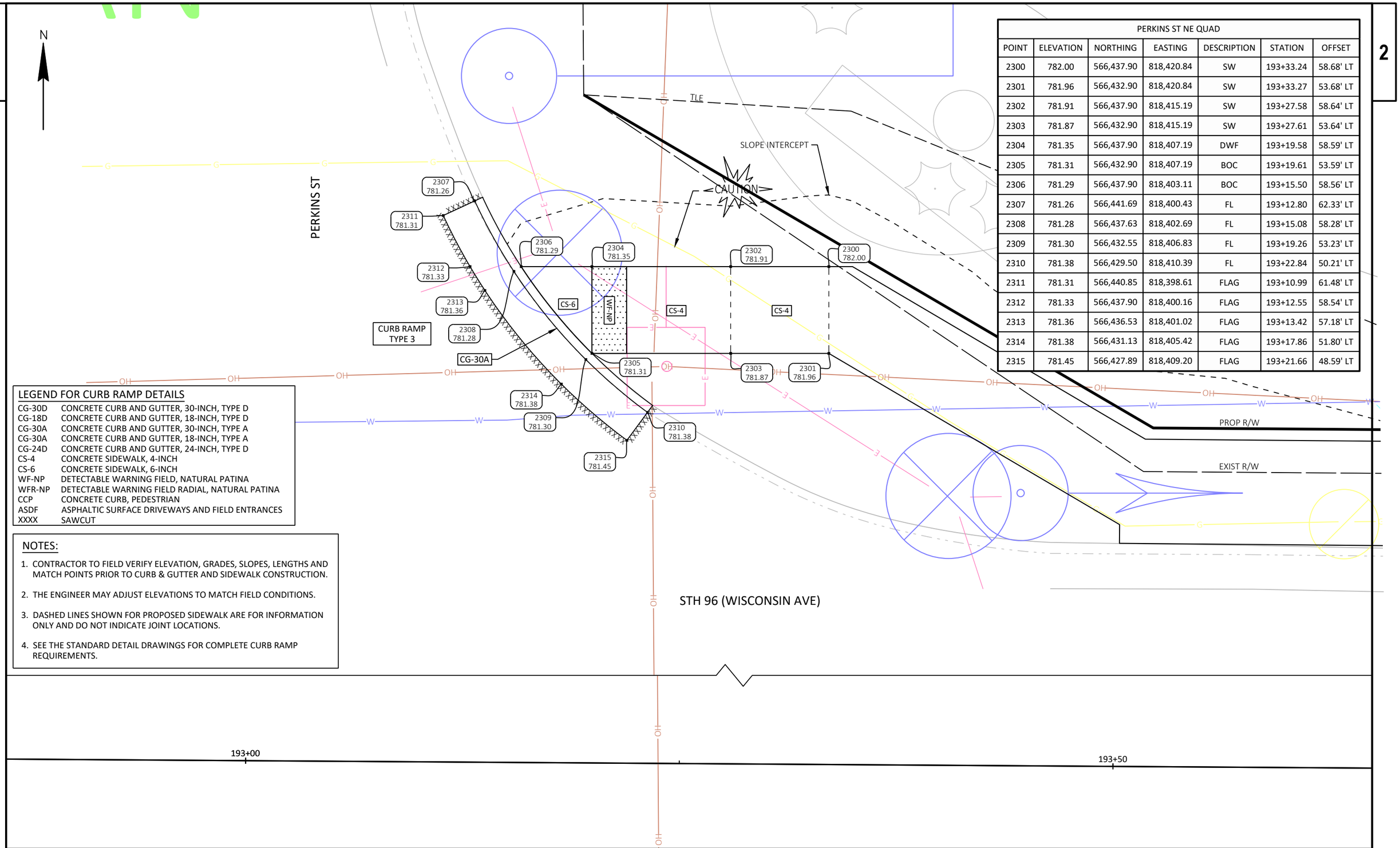
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
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4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PERKINS ST NW QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2350	781.52	566,443.64	818,322.43	SW	192+34.79	63.53' LT
2351	781.57	566,438.40	818,322.41	SW	192+34.81	58.53' LT
2352	781.46	566,443.40	818,328.90	SW	192+39.96	63.56' LT
2353	781.35	566,442.98	818,335.64	SW	192+48.00	63.20' LT
2354	781.36	566,439.58	818,338.77	SW	192+51.15	59.82' LT
2355	781.46	566,438.40	818,331.56	SW	192+43.95	58.59' LT
2356	781.38	566,438.40	818,337.44	SW	192+49.83	58.63' LT
2357	781.43	566,433.40	818,337.44	SW	192+49.87	53.63' LT
2358	781.51	566,433.40	818,331.56	SW	192+43.98	53.59' LT
2359	781.59	566,429.81	818,327.43	SW	192+39.88	49.97' LT
2360	781.61	566,434.81	818,322.40	SW	192+34.82	54.94' LT
2361	781.66	566,429.81	818,322.39	SW	192+34.84	49.94' LT
2362	781.54	566,434.81	818,327.43	SW	192+39.85	54.97' LT
2363	781.07	566,438.40	818,342.69	DWF	192+55.08	58.66' LT
2364	781.42	566,423.43	818,322.37	DWF	192+34.86	43.56' LT
2365	781.03	566,438.40	818,345.37	BOC	192+57.76	58.68' LT
2366	781.07	566,433.40	818,342.69	BOC	192+55.11	53.66' LT
2367	781.43	566,423.42	818,327.37	BOC	192+39.86	43.58' LT
2368	781.41	566,422.82	818,322.37	BOC	192+34.87	42.95' LT
2369	780.97	566,441.14	818,346.85	FL	192+59.23	61.43' LT
2370	781.02	566,438.21	818,345.83	FL	192+58.23	58.49' LT
2371	781.06	566,433.12	818,343.10	FL	192+55.53	53.39' LT
2372	781.12	566,429.05	818,339.75	FL	192+52.20	49.29' LT
2373	781.25	566,423.79	818,331.36	FL	192+43.85	43.98' LT
2374	781.42	566,422.92	818,327.46	FL	192+39.96	43.09' LT
2375	781.40	566,422.32	818,322.37	FL	192+34.87	42.45' LT
2376	781.39	566,422.37	818,319.36	FL	192+31.86	42.48' LT
2377	781.08	566,440.59	818,348.78	FLAG	192+61.15	60.89' LT
2378	781.09	566,438.40	818,348.06	FLAG	192+60.45	58.70' LT
2379	781.10	566,437.45	818,347.69	FLAG	192+60.08	57.75' LT
2380	781.12	566,433.40	818,345.65	FLAG	192+58.08	53.68' LT
2381	781.14	566,432.00	818,344.76	FLAG	192+57.19	52.28' LT
2382	781.20	566,427.64	818,341.17	FLAG	192+53.63	47.89' LT
2383	781.51	566,420.20	818,331.36	FLAG	192+43.87	40.39' LT
2384	781.50	566,420.25	818,327.95	FLAG	192+40.46	40.41' LT
2385	781.48	566,420.32	818,322.36	FLAG	192+34.87	40.45' LT
2386	781.47	566,420.37	818,319.33	FLAG	192+31.84	40.48' LT
2388	781.72	566,443.89	818,315.63	SW	192+21.41	63.44' LT
2389	781.65	566,438.75	818,315.44	SW	192+22.25	58.45' LT
2390	781.60	566,439.27	818,304.83	SW	0+00.00	0.00'
2391	781.67	566,444.32	818,303.98	SW	0+00.00	0.00'

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021345-cr
PLOT DATE : 9/30/2022 8:44 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT



PERKINS ST NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2300	782.00	566,437.90	818,420.84	SW	193+33.24	58.68' LT
2301	781.96	566,432.90	818,420.84	SW	193+33.27	53.68' LT
2302	781.91	566,437.90	818,415.19	SW	193+27.58	58.64' LT
2303	781.87	566,432.90	818,415.19	SW	193+27.61	53.64' LT
2304	781.35	566,437.90	818,407.19	DWF	193+19.58	58.59' LT
2305	781.31	566,432.90	818,407.19	BOC	193+19.61	53.59' LT
2306	781.29	566,437.90	818,403.11	BOC	193+15.50	58.56' LT
2307	781.26	566,441.69	818,400.43	FL	193+12.80	62.33' LT
2308	781.28	566,437.63	818,402.69	FL	193+15.08	58.28' LT
2309	781.30	566,432.55	818,406.83	FL	193+19.26	53.23' LT
2310	781.38	566,429.50	818,410.39	FL	193+22.84	50.21' LT
2311	781.31	566,440.85	818,398.61	FLAG	193+10.99	61.48' LT
2312	781.33	566,437.90	818,400.16	FLAG	193+12.55	58.54' LT
2313	781.36	566,436.53	818,401.02	FLAG	193+13.42	57.18' LT
2314	781.38	566,431.13	818,405.42	FLAG	193+17.86	51.80' LT
2315	781.45	566,427.89	818,409.20	FLAG	193+21.66	48.59' LT

LEGEND FOR CURB RAMP DETAILS

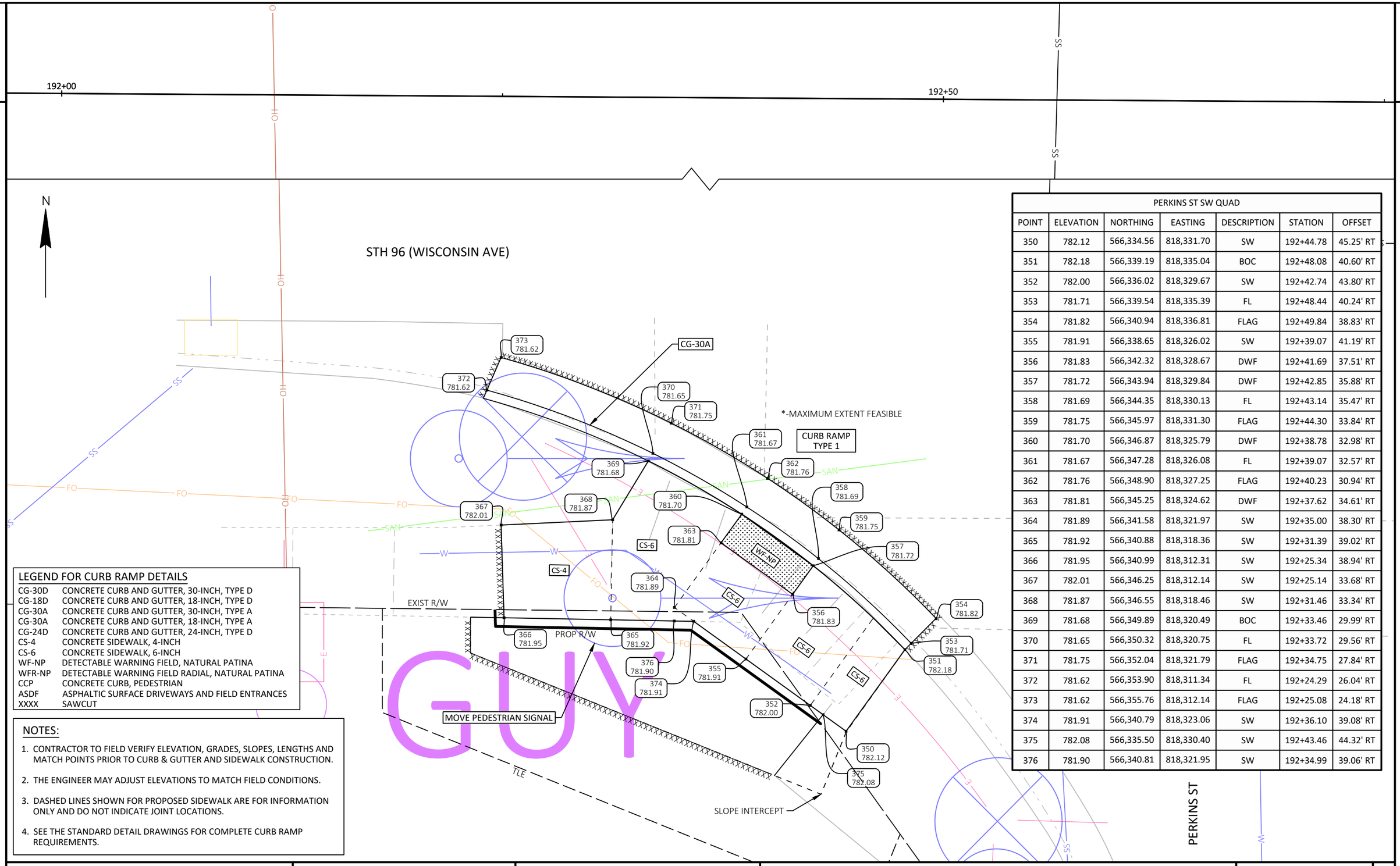
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021346-cr
PLOT DATE : 9/30/2022 8:45 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT



PERKINS ST SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
350	782.12	566,334.56	818,331.70	SW	192+44.78	45.25' RT
351	782.18	566,339.19	818,335.04	BOC	192+48.08	40.60' RT
352	782.00	566,336.02	818,329.67	SW	192+42.74	43.80' RT
353	781.71	566,339.54	818,335.39	FL	192+48.44	40.24' RT
354	781.82	566,340.94	818,336.81	FLAG	192+49.84	38.83' RT
355	781.91	566,338.65	818,326.02	SW	192+39.07	41.19' RT
356	781.83	566,342.32	818,328.67	DWF	192+41.69	37.51' RT
357	781.72	566,343.94	818,329.84	DWF	192+42.85	35.88' RT
358	781.69	566,344.35	818,330.13	FL	192+43.14	35.47' RT
359	781.75	566,345.97	818,331.30	FLAG	192+44.30	33.84' RT
360	781.70	566,346.87	818,325.79	DWF	192+38.78	32.98' RT
361	781.67	566,347.28	818,326.08	FL	192+39.07	32.57' RT
362	781.76	566,348.90	818,327.25	FLAG	192+40.23	30.94' RT
363	781.81	566,345.25	818,324.62	DWF	192+37.62	34.61' RT
364	781.89	566,341.58	818,321.97	SW	192+35.00	38.30' RT
365	781.92	566,340.88	818,318.36	SW	192+31.39	39.02' RT
366	781.95	566,340.99	818,312.31	SW	192+25.34	38.94' RT
367	782.01	566,346.25	818,312.14	SW	192+25.14	33.68' RT
368	781.87	566,346.55	818,318.46	SW	192+31.46	33.34' RT
369	781.68	566,349.89	818,320.49	BOC	192+33.46	29.99' RT
370	781.65	566,350.32	818,320.75	FL	192+33.72	29.56' RT
371	781.75	566,352.04	818,321.79	FLAG	192+34.75	27.84' RT
372	781.62	566,353.90	818,311.34	FL	192+24.29	26.04' RT
373	781.62	566,355.76	818,312.14	FLAG	192+25.08	24.18' RT
374	781.91	566,340.79	818,323.06	SW	192+36.10	39.08' RT
375	782.08	566,335.50	818,330.40	SW	192+43.46	44.32' RT
376	781.90	566,340.81	818,321.95	SW	192+34.99	39.06' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

GUY

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021347-cr
PLOT DATE : 9/30/2022 8:45 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

193+00

193+50

N

STH 96 (WISCONSIN AVE)

PERKINS ST

CURB RAMP TYPE 4B1

CG-30A

WFR-NP

CS-6

CS-4

CS-4

SLOPE INTERCEPT

TLE

EXIST R/W

406 782.00
411 781.99
412 782.02
413 782.02
409 782.03
410 782.00
417 782.00
416 781.88
408 781.95
407 781.96
405 782.10
404 782.05
402 782.32
403 782.36
400 782.55
401 782.59
414 781.95
415 782.05

PERKINS ST SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
400	782.55	566,344.73	818,427.60	SW	193+40.60	34.45' RT
401	782.59	566,339.73	818,427.59	SW	193+40.63	39.45' RT
402	782.32	566,344.74	818,422.60	SW	193+35.60	34.48' RT
403	782.36	566,339.74	818,422.59	SW	193+35.63	39.48' RT
404	782.05	566,344.74	818,416.89	SW	193+29.90	34.51' RT
405	782.10	566,339.74	818,416.89	SW	193+29.93	39.51' RT
406	782.00	566,344.74	818,413.89	DWF	193+26.90	34.53' RT
407	781.96	566,339.75	818,408.61	DWF	193+21.65	39.56' RT
408	781.95	566,340.09	818,408.25	FL	193+21.28	39.22' RT
409	782.03	566,341.45	818,406.78	FLAG	193+19.81	37.87' RT
410	782.00	566,339.74	818,405.25	FLAG	193+18.29	39.58' RT
411	781.99	566,345.13	818,413.58	FL	193+26.58	34.14' RT
412	782.02	566,346.66	818,412.30	FLAG	193+25.29	32.62' RT
413	782.02	566,344.74	818,410.10	FLAG	193+23.11	34.55' RT
414	781.95	566,351.78	818,425.40	FL	193+38.36	27.41' RT
415	782.05	566,353.92	818,424.67	FLAG	193+37.61	25.28' RT
416	781.88	566,337.74	818,406.18	FL	193+19.23	41.58' RT
417	782.00	566,339.02	818,404.64	FLAG	193+17.69	40.31' RT

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

2

198+50

199+00

2

N

STH 96 (WISCONSIN AVE)

HARD DR

HARD DR SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
600	788.12	566,349.32	818,936.91	SW	198+49.90	27.78' RT
601	788.47	566,344.33	818,936.82	SW	198+49.85	32.78' RT
602	788.02	566,349.23	818,942.41	SW	198+55.40	27.84' RT
603	788.10	566,344.23	818,942.32	SW	198+55.35	32.84' RT
604	787.93	566,349.15	818,947.41	DWF	198+60.40	27.88' RT
605	788.01	566,344.15	818,947.32	SW	198+60.35	32.88' RT
606	787.86	566,349.07	818,952.02	BOC	198+65.01	27.93' RT
607	788.02	566,343.94	818,960.13	BOC	198+73.16	33.00' RT
608	787.85	566,349.54	818,952.21	FL	198+65.20	27.46' RT
609	787.89	566,350.52	818,952.62	FLAG	198+65.60	26.47' RT
610	787.94	566,353.25	818,949.57	FL	198+62.53	23.76' RT
611	788.02	566,355.25	818,949.57	FLAG	198+62.51	21.76' RT
612	788.01	566,344.30	818,960.48	FL	198+73.50	32.64' RT
613	788.05	566,345.01	818,961.15	FLAG	198+74.18	31.92' RT
614	788.09	566,341.37	818,963.07	FL	198+76.12	35.54' RT
615	788.14	566,341.97	818,963.87	FLAG	198+76.91	34.94' RT
616	787.96	566,349.01	818,955.76	FLAG	198+68.76	27.96' RT
617	788.12	566,343.90	818,962.24	FLAG	198+75.27	33.02' RT
618	787.72	566,353.22	818,937.55	FL	198+50.51	23.88' RT
619	787.84	566,355.22	818,937.70	FLAG	198+50.65	21.88' RT
620	787.87	566,351.58	818,949.56	FLAG	198+62.53	25.44' RT

ASPHALTIC SURFACE

CURB RAMP TYPE 4B1

CG-18D

CS-4

CS-4

CS-6

WFR-NP

EXIST R/W

PROP R/W

TLE

SLOPE INTERCEPT

MAXIMUM EXTENT FEASIBLE

1.0% - 4%

TLE

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021349-cr

PLOT DATE : 9/30/2022 8:46 AM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:5 FT

2

199+00

199+50

2

HARD DR SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
550	789.91	566,348.18	819,055.14	SW	199+68.14	28.06' RT
551	790.13	566,343.22	819,055.03	SW	199+68.06	33.03' RT
552	789.84	566,348.32	819,049.93	SW	199+62.93	27.97' RT
553	789.92	566,343.32	819,049.81	SW	199+62.84	32.96' RT
554	789.76	566,348.42	819,044.46	SW	199+57.45	27.91' RT
555	789.84	566,343.43	819,044.35	SW	199+57.38	32.89' RT
556	789.25	566,348.54	819,037.10	DWF	199+50.09	27.83' RT
557	789.33	566,343.57	819,036.99	SW	199+50.02	32.80' RT
558	789.20	566,348.62	819,033.60	BOC	199+46.59	27.78' RT
559	789.39	566,343.80	819,025.60	BOC	199+38.63	32.66' RT
560	789.38	566,344.21	819,025.31	FL	199+38.34	32.26' RT
561	789.42	566,345.02	819,024.74	FLAG	199+37.76	31.44' RT
562	789.19	566,349.07	819,033.37	FL	199+46.36	27.34' RT
563	789.23	566,349.96	819,032.92	FLAG	199+45.91	26.45' RT
564	789.27	566,348.69	819,030.54	FLAG	199+43.54	27.73' RT

HARD DR SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
565	789.08	566,352.00	819,035.76	FL	199+48.72	24.39' RT
566	789.15	566,354.57	819,035.77	FLAG	199+48.72	21.81' RT
567	789.48	566,343.85	819,023.14	FLAG	199+36.17	32.62' RT
568	789.41	566,341.27	819,021.30	FL	199+34.35	35.22' RT
569	789.48	566,342.05	819,020.68	FLAG	199+33.73	34.44' RT
570	789.16	566,352.39	819,043.67	FL	199+56.64	23.94' RT
571	789.24	566,354.50	819,043.67	FLAG	199+56.62	21.83' RT
572	789.15	566,351.26	819,035.93	FLAG	199+48.91	25.12' RT

N

STH 96 (WISCONSIN AVE)

ASPHALTIC SURFACE

CURB RAMP TYPE 4B1

CG-18D

EXIST R/W

PROP R/W

HARD DR

TLE

WFR-NP

CS-6

CS-4

CS-4

SLOPE INTERCEPT

MAXIMUM EXTENT FEASIBLE
1.2% - 4%

566 789.15
571 789.24
572 789.15
563 789.23
565 789.08
570 789.16
564 789.27
556 789.25
554 789.76
552 789.84
550 789.91
562 789.19
558 789.20
561 789.42
567 789.48
559 789.39
557 789.33
555 789.84
553 789.92
551 790.13
560 789.38
569 789.48
568 789.41

LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

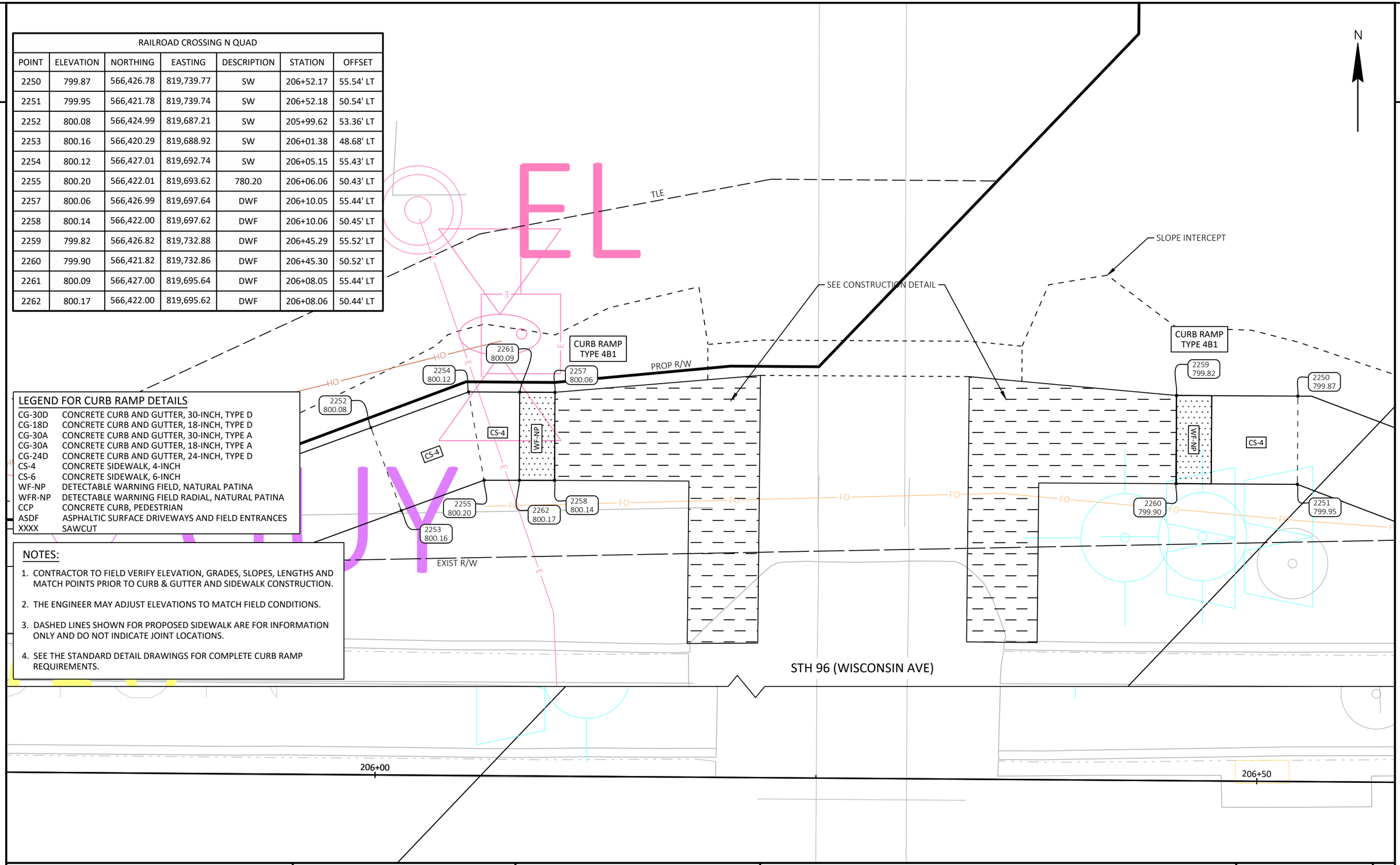
WV DOT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021350-cr
PLOT DATE : 9/30/2022 8:46 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

RAILROAD CROSSING N QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2250	799.87	566,426.78	819,739.77	SW	206+52.17	55.54' LT
2251	799.95	566,421.78	819,739.74	SW	206+52.18	50.54' LT
2252	800.08	566,424.99	819,687.21	SW	205+99.62	53.36' LT
2253	800.16	566,420.29	819,688.92	SW	206+01.38	48.68' LT
2254	800.12	566,427.01	819,692.74	SW	206+05.15	55.43' LT
2255	800.20	566,422.01	819,693.62	780.20	206+06.06	50.43' LT
2257	800.06	566,426.99	819,697.64	DWF	206+10.05	55.44' LT
2258	800.14	566,422.00	819,697.62	DWF	206+10.06	50.45' LT
2259	799.82	566,426.82	819,732.88	DWF	206+45.29	55.52' LT
2260	799.90	566,421.82	819,732.86	DWF	206+45.30	50.52' LT
2261	800.09	566,427.00	819,695.64	DWF	206+08.05	55.44' LT
2262	800.17	566,422.00	819,695.62	DWF	206+08.06	50.44' LT



LEGEND FOR CURB RAMP DETAILS

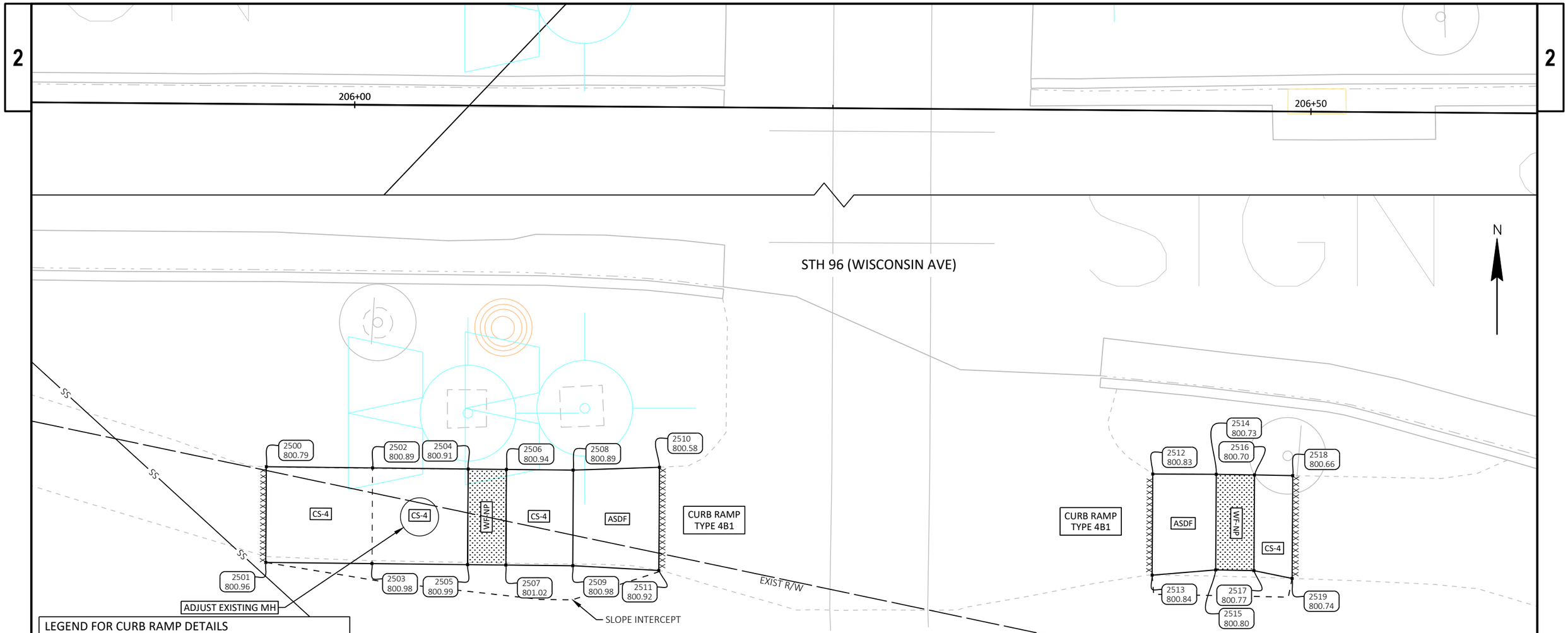
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021351-cr
PLOT DATE : 9/30/2022 8:46 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

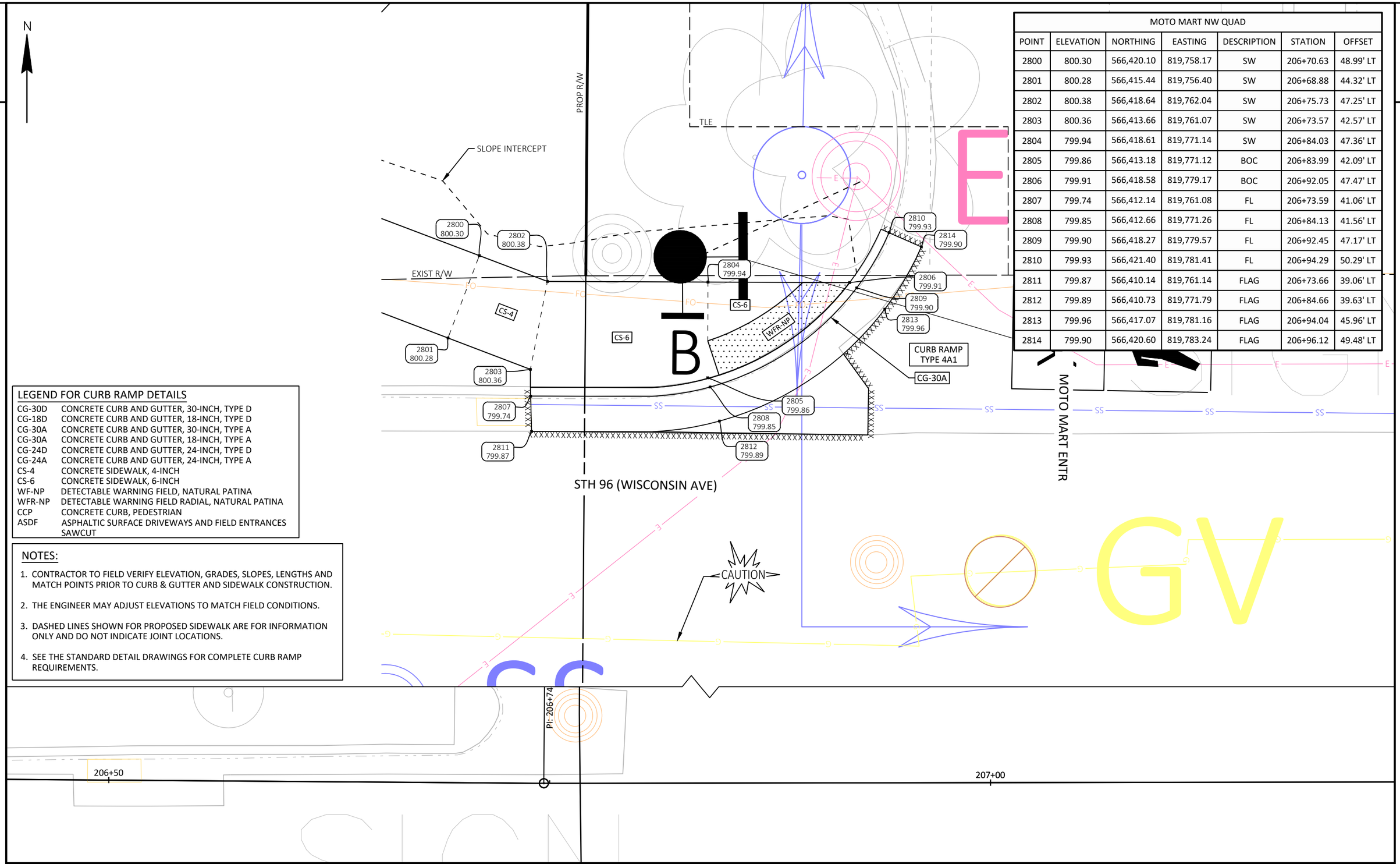
RAILROAD CROSSING S QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2500	800.79	566,327.54	819,682.38	SW	205+95.51	44.12' RT
2501	800.96	566,322.54	819,682.35	SW	205+95.52	49.12' RT
2502	800.89	566,327.48	819,687.93	SW	206+01.06	44.14' RT
2503	800.98	566,322.48	819,687.90	SW	206+01.07	49.14' RT
2504	800.91	566,327.42	819,692.93	DWF	206+06.06	44.16' RT
2505	800.99	566,322.42	819,692.90	DWF	206+06.07	49.16' RT
2506	800.94	566,327.40	819,694.93	DWF	206+08.06	44.17' RT
2507	801.02	566,322.40	819,694.90	DWF	206+08.07	49.17' RT
2508	800.89	566,327.36	819,698.42	SW	206+11.55	44.18' RT
2509	800.98	566,322.36	819,698.40	SW	206+11.57	49.18' RT

RAILROAD CROSSING S QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2510	800.58	566,327.51	819,702.93	SW	206+16.06	44.00' RT
2511	800.92	566,322.12	819,702.90	SW	206+16.07	49.39' RT
2512	800.83	566,327.16	819,728.73	SW	206+41.86	44.16' RT
2513	800.84	566,321.87	819,728.69	SW	206+41.87	49.45' RT
2514	800.73	566,327.14	819,732.05	DWF	206+45.18	44.15' RT
2515	800.80	566,322.14	819,732.02	DWF	206+45.19	49.15' RT
2516	800.70	566,327.11	819,734.05	DWF	206+47.18	44.17' RT
2517	800.77	566,322.11	819,734.02	DWF	206+47.19	49.17' RT
2518	800.66	566,327.08	819,736.05	SW	206+49.18	44.19' RT
2519	800.74	566,321.70	819,736.02	SW	206+49.19	49.57' RT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET E



MOTO MART NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2800	800.30	566,420.10	819,758.17	SW	206+70.63	48.99' LT
2801	800.28	566,415.44	819,756.40	SW	206+68.88	44.32' LT
2802	800.38	566,418.64	819,762.04	SW	206+75.73	47.25' LT
2803	800.36	566,413.66	819,761.07	SW	206+73.57	42.57' LT
2804	799.94	566,418.61	819,771.14	SW	206+84.03	47.36' LT
2805	799.86	566,413.18	819,771.12	BOC	206+83.99	42.09' LT
2806	799.91	566,418.58	819,779.17	BOC	206+92.05	47.47' LT
2807	799.74	566,412.14	819,761.08	FL	206+73.59	41.06' LT
2808	799.85	566,412.66	819,771.26	FL	206+84.13	41.56' LT
2809	799.90	566,418.27	819,779.57	FL	206+92.45	47.17' LT
2810	799.93	566,421.40	819,781.41	FL	206+94.29	50.29' LT
2811	799.87	566,410.14	819,761.14	FLAG	206+73.66	39.06' LT
2812	799.89	566,410.73	819,771.79	FLAG	206+84.66	39.63' LT
2813	799.96	566,417.07	819,781.16	FLAG	206+94.04	45.96' LT
2814	799.90	566,420.60	819,783.24	FLAG	206+96.12	49.48' LT

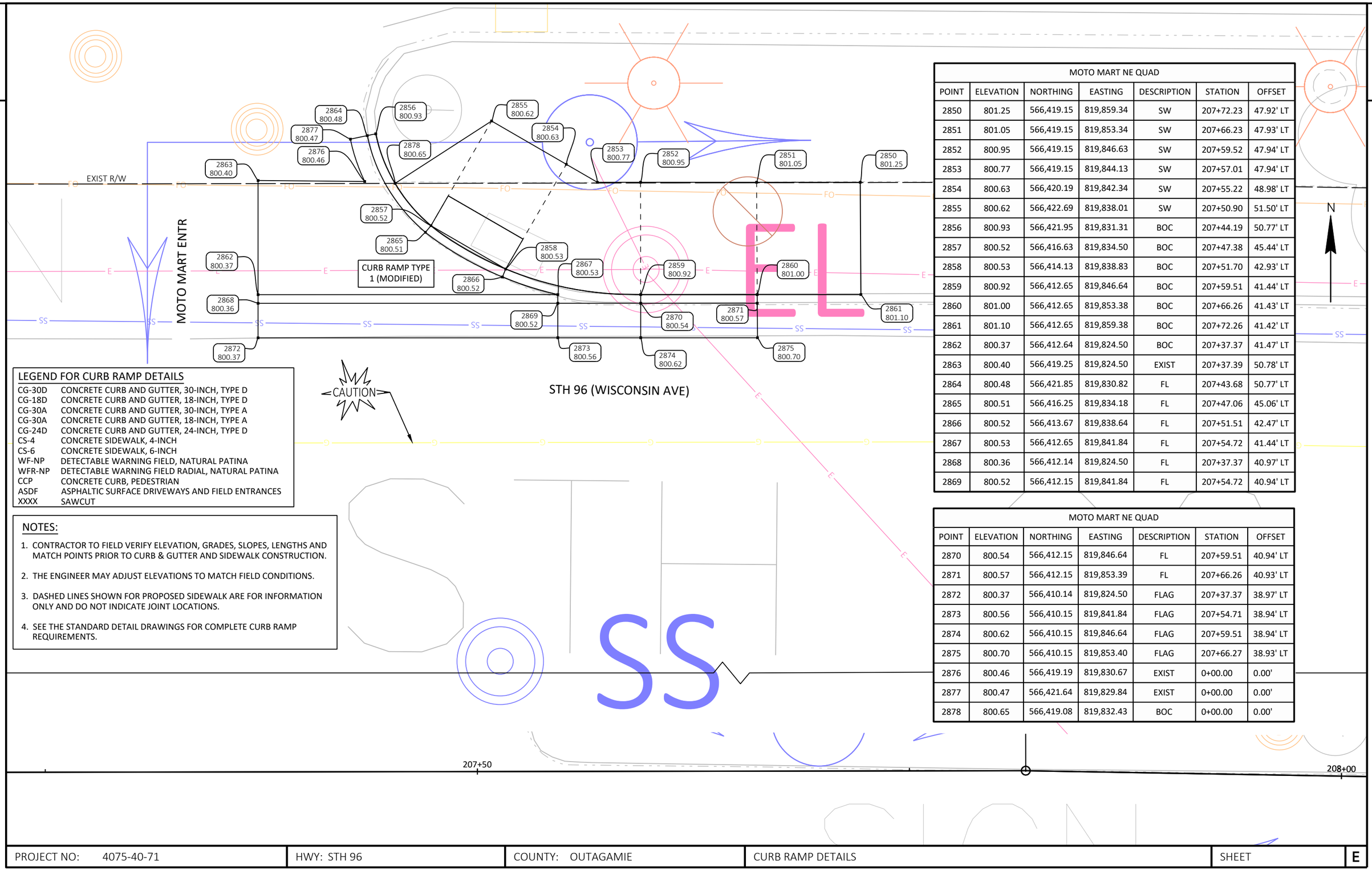
LEGEND FOR CURB RAMP DETAILS

CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CG-24A	CONCRETE CURB AND GUTTER, 24-INCH, TYPE A
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E



LEGEND FOR CURB RAMP DETAILS	
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-24D	CONCRETE CURB AND GUTTER, 24-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXXX	SAWCUT

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

MOTO MART NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2850	801.25	566,419.15	819,859.34	SW	207+72.23	47.92' LT
2851	801.05	566,419.15	819,853.34	SW	207+66.23	47.93' LT
2852	800.95	566,419.15	819,846.63	SW	207+59.52	47.94' LT
2853	800.77	566,419.15	819,844.13	SW	207+57.01	47.94' LT
2854	800.63	566,420.19	819,842.34	SW	207+55.22	48.98' LT
2855	800.62	566,422.69	819,838.01	SW	207+50.90	51.50' LT
2856	800.93	566,421.95	819,831.31	BOC	207+44.19	50.77' LT
2857	800.52	566,416.63	819,834.50	BOC	207+47.38	45.44' LT
2858	800.53	566,414.13	819,838.83	BOC	207+51.70	42.93' LT
2859	800.92	566,412.65	819,846.64	BOC	207+59.51	41.44' LT
2860	801.00	566,412.65	819,853.38	BOC	207+66.26	41.43' LT
2861	801.10	566,412.65	819,859.38	BOC	207+72.26	41.42' LT
2862	800.37	566,412.64	819,824.50	BOC	207+37.37	41.47' LT
2863	800.40	566,419.25	819,824.50	EXIST	207+37.39	50.78' LT
2864	800.48	566,421.85	819,830.82	FL	207+43.68	50.77' LT
2865	800.51	566,416.25	819,834.18	FL	207+47.06	45.06' LT
2866	800.52	566,413.67	819,838.64	FL	207+51.51	42.47' LT
2867	800.53	566,412.65	819,841.84	FL	207+54.72	41.44' LT
2868	800.36	566,412.14	819,824.50	FL	207+37.37	40.97' LT
2869	800.52	566,412.15	819,841.84	FL	207+54.72	40.94' LT

MOTO MART NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2870	800.54	566,412.15	819,846.64	FL	207+59.51	40.94' LT
2871	800.57	566,412.15	819,853.39	FL	207+66.26	40.93' LT
2872	800.37	566,410.14	819,824.50	FLAG	207+37.37	38.97' LT
2873	800.56	566,410.15	819,841.84	FLAG	207+54.71	38.94' LT
2874	800.62	566,410.15	819,846.64	FLAG	207+59.51	38.94' LT
2875	800.70	566,410.15	819,853.40	FLAG	207+66.27	38.93' LT
2876	800.46	566,419.19	819,830.67	EXIST	0+00.00	0.00'
2877	800.47	566,421.64	819,829.84	EXIST	0+00.00	0.00'
2878	800.65	566,419.08	819,832.43	BOC	0+00.00	0.00'

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021356-cr
PLOT DATE : 9/30/2022 8:47 AM
PLOT BY : RYAN BETKER
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

- TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & MULCH
- SILT FENCE
- B C D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SLOPE INTERCEPT
- ROCK BAG
- WATER FLOW ARROW

N CASALOMA DR

WETLAND BOUNDARY

STH 96

101+00 103+00 104+00 105+00 106+00

MATCH LINE 106+75

SILT FENCE RELIEF (SEE "ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL" FOR MORE INFORMATION)

SLOPE INTERCEPT (TYP.)

WETLAND BOUNDARY

SILT FENCE RELIEF (SEE "ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL" FOR MORE INFORMATION)

WETLAND BOUNDARY

SILT FENCE RELIEF (SEE "ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL" FOR MORE INFORMATION)

CTH GV

MATCH LINE 106+75

107+00 109+00 110+00 111+00 112+00 113+00

STH 96

MATCH LINE 113+50

TLE

WETLAND BOUNDARY

TLE

FOX RIVER MALL

TLE

EXIST R/W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022001-ec

PLOT DATE : 10/5/2022 3:09 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

MATCH LINE 113+50

MATCH LINE 120+25

STH 96

114+00

116+00

117+00

118+00

EXIST R/W

EXIST R/W

EROSION CONTROL LEGEND

- TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & MULCH
- SILT FENCE
- INLET PROTECTION TYPE (B C D)
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SLOPE INTERCEPT
- ROCK BAG
- WATER FLOW ARROW

N

N COLORADO AVE

SILT FENCE RELIEF (SEE "ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL" FOR MORE INFORMATION)

SILT FENCE RELIEF (SEE "ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL" FOR MORE INFORMATION)

WETLAND BOUNDARY

WETLAND BOUNDARY

SLOPE INTERCEPT (TYP.)

SLOPE INTERCEPT (TYP.)

I 41 SB OFF RAMP

I 41 SB ON RAMP

MATCH LINE 120+25

MATCH LINE 127+00

STH 96

121+00

122+00

123+00

124+00

125+00

126+00

127

EXIST R/W

EXIST R/W

SILT FENCE RELIEF (SEE "ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL" FOR MORE INFORMATION)

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022002-ec

PLOT DATE : 10/5/2022 3:09 PM

PLOT BY : MARTIN, THOMAS S

PLOT NAME :

PLOT SCALE : 1 IN:50 FT

2

RIPRAP MEDIUM

WETLAND BOUNDARY

TOPSOIL, SEED, FERTILIZER & MULCH

TLE

SLOPE INTERCEPT (TYP.)

EXIST R/W

I 41 NB ON RAMP

I 41 NB OFF RAMP

MATCH LINE 127+00

MATCH LINE 133+75

MATCH LINE 133+75

MATCH LINE 140+50

STH 96

STH 96

+00

128+00

129+00

130+00

131+00

132+00

133+00

134+00

135+00

136+00

138+00

139+00

140+00

774.899

PROPOSED R/W

W WHEELER RD

GUY

SAN

SS

WW

SIGN

POST

OH

FO

E

G

W

C

D

N

EROSION CONTROL LEGEND

- TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & MULCH
- SILT FENCE
- B C D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SLOPE INTERCEPT
- ROCK BAG
- WATER FLOW ARROW

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022003-ec

PLOT DATE : 10/5/2022 3:09 PM

PLOT BY : MARTIN, THOMAS S

PLOT NAME :

PLOT SCALE : 1 IN:50 FT

2

EXIST R/W

MATCH LINE 140+50

141+00 143+00 144+00 145+00 146+00 147+00

STH 96

MATCH LINE 147+25

20053
SS66.176
SSMH

N WESTHILL BLVD

SLOPE INTERCEPT (TYP.)

EROSION CONTROL LEGEND

- TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & MULCH
- SILT FENCE
- B C D INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SLOPE INTERCEPT
- ROCK BAG
- WATER FLOW ARROW

EXIST R/W

CTH AA

MATCH LINE 147+25

148+00 149+00 150+00 151+00 152+00 153+00 154

STH 96

MATCH LINE 154+00

20052
SS79.192
SSMH

SLOPE INTERCEPT (TYP.)

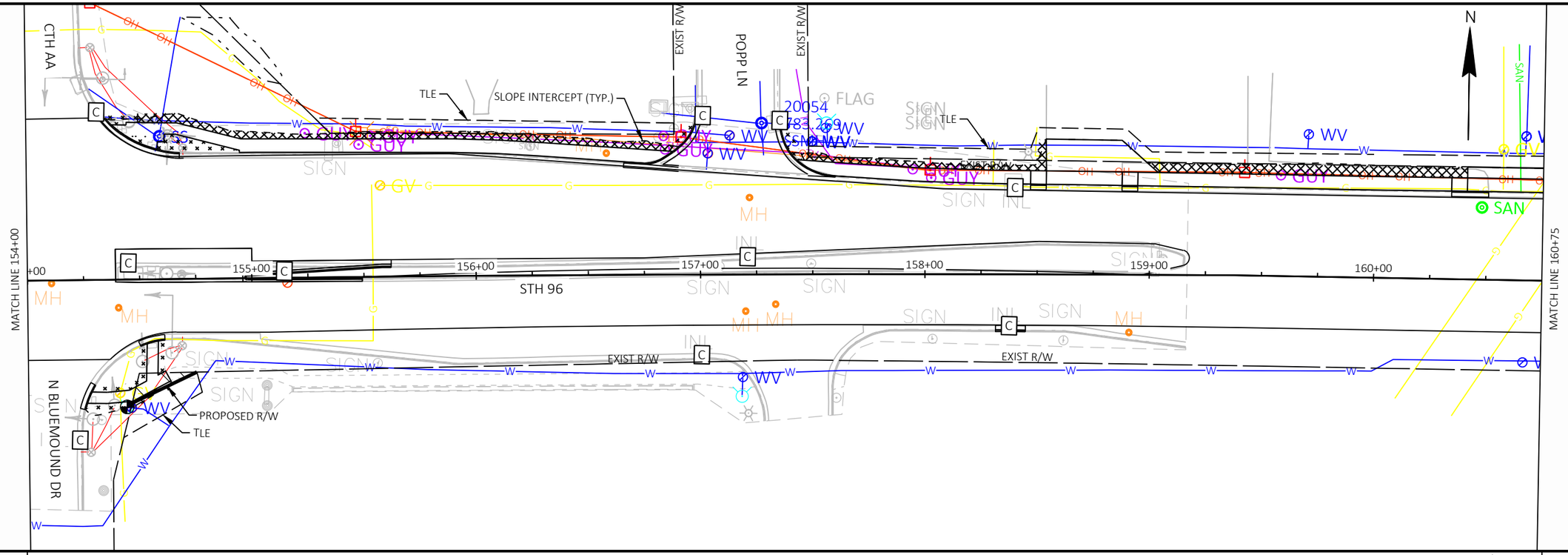
N BLUEMOUND DR

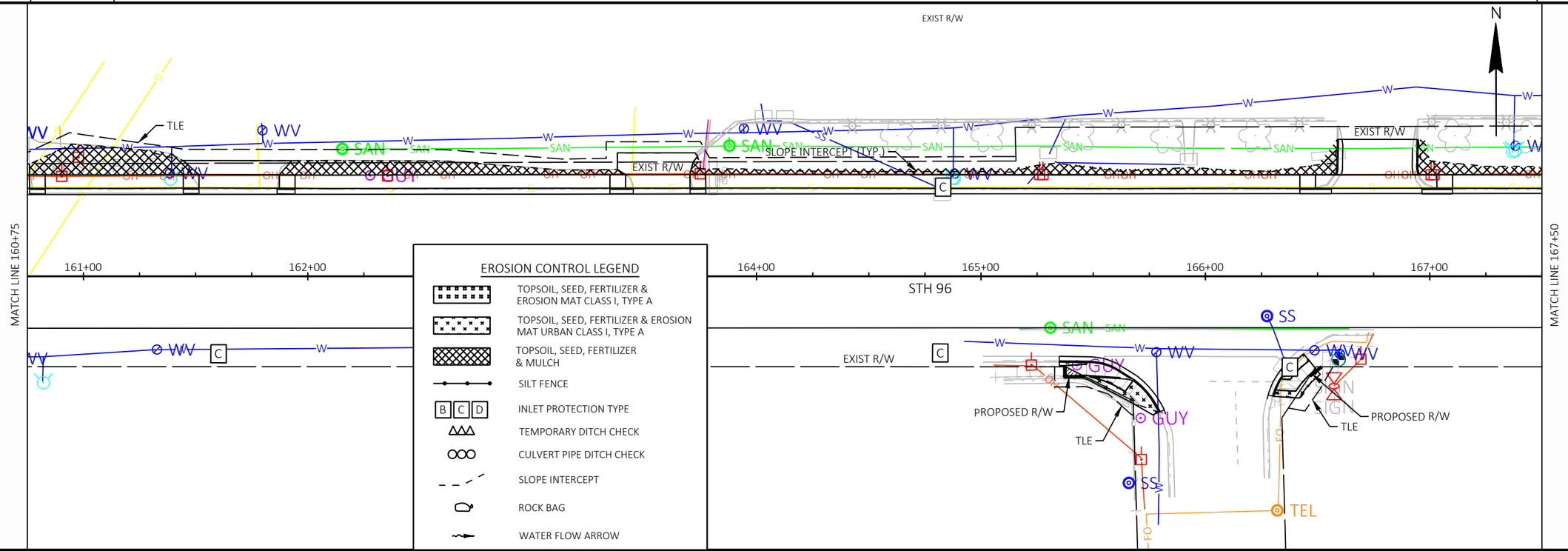
EXIST R/W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022004-ec

PLOT DATE : 10/5/2022 3:09 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT





EROSION CONTROL LEGEND

- TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & MULCH
- SILT FENCE
- B C D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SLOPE INTERCEPT
- ROCK BAG
- WATER FLOW ARROW

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022005-ec

PLOT DATE : 10/5/2022 3:09 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

MATCH LINE 167+50

EXIST R/W

SLOPE INTERCEPT (TYP.)

TLE

EXIST R/W

EXIST R/W

N. REXFORD ST

EXIST R/W

168+00 169+00 170+00 171+00 172+00 173+00 174+00

STH 96

EXIST R/W

TLE

MATCH LINE 174+25

EROSION CONTROL LEGEND

- TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & MULCH
- SILT FENCE
- B C D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SLOPE INTERCEPT
- ROCK BAG
- WATER FLOW ARROW

MATCH LINE 174+25

EXIST R/W

SLOPE INTERCEPT (TYP.)

EXIST R/W

EXIST R/W

N. LYNNDALE DR

175+00 176+00 177+00 178+00 179+00 180+00 181

STH 96

EXIST R/W

TLE

EXIST R/W

N. LYNNDALE DR

MATCH LINE 181+00

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022006-ec

PLOT DATE : 10/5/2022 3:09 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 181+00

MATCH LINE 187+75

182+00 183+00 184+00 185+00 186+00 187+00

STH 96

E. SERVICE RD

EXIST R/W

WILHARMS DR

SLOPE INTERCEPT (TYP.)

TLE

PROPOSED R/W

MATCH LINE 187+75

MATCH LINE 194+50

190+00 191+00 192+00 193+00 194+00

STH 96

WETLAND BOUNDARY

N. PERKINS ST

PROPOSED R/W

SLOPE INTERCEPT (TYP.)

TLE

EXIST R/W

EROSION CONTROL LEGEND

- TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & MULCH
- SILT FENCE
- B C D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SLOPE INTERCEPT
- ROCK BAG
- WATER FLOW ARROW

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET	E

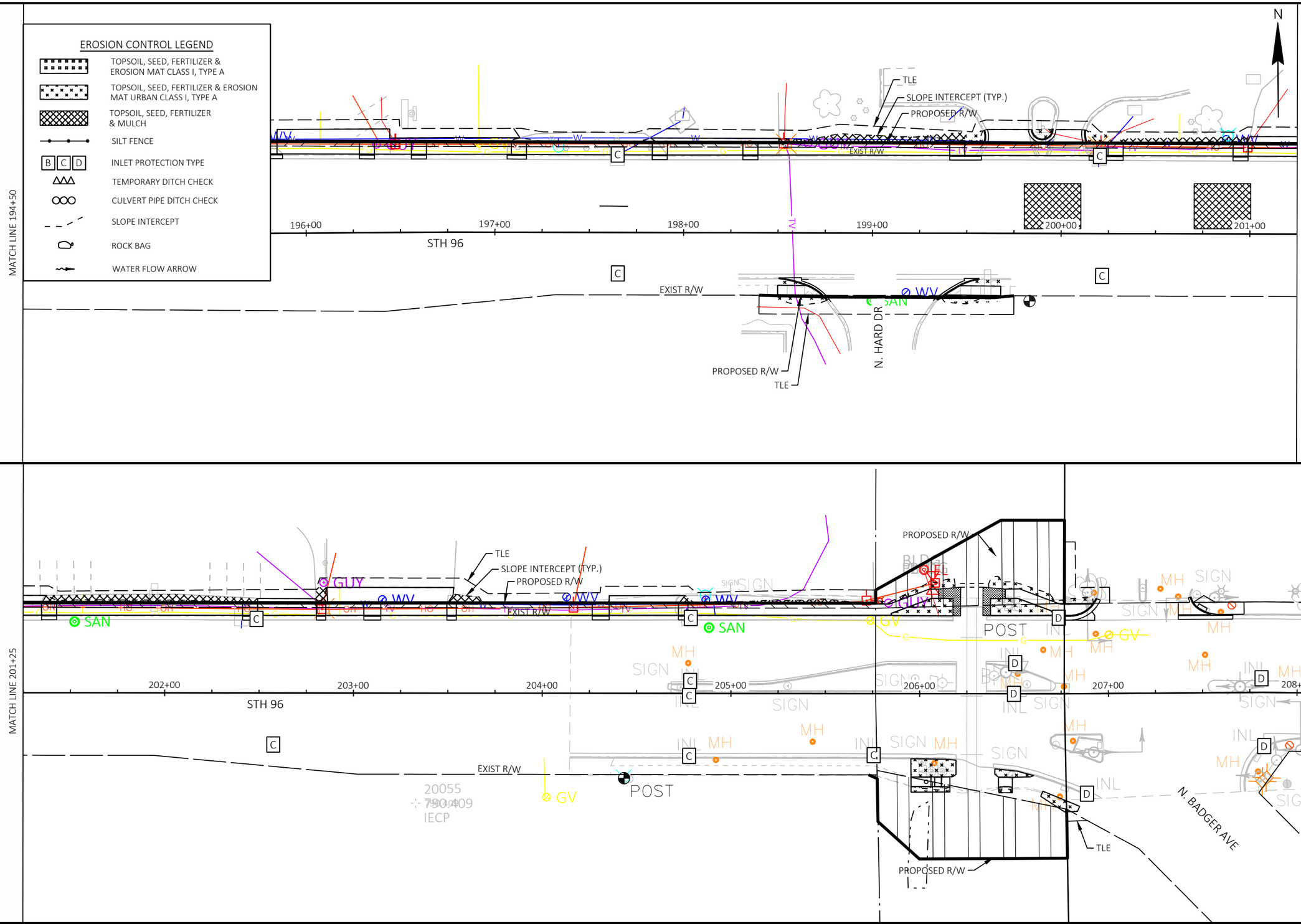
FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022007-ec

PLOT DATE : 10/5/2022 3:09 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

EROSION CONTROL LEGEND

- TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- TOPSOIL, SEED, FERTILIZER & MULCH
- SILT FENCE
- B C D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SLOPE INTERCEPT
- ROCK BAG
- WATER FLOW ARROW

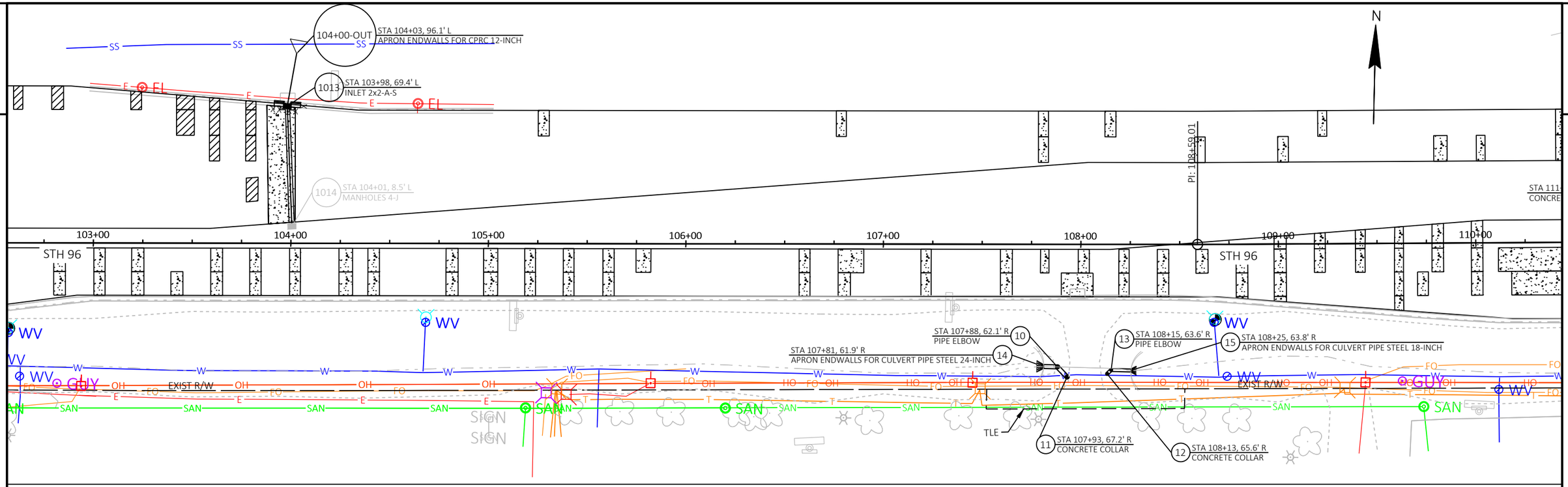


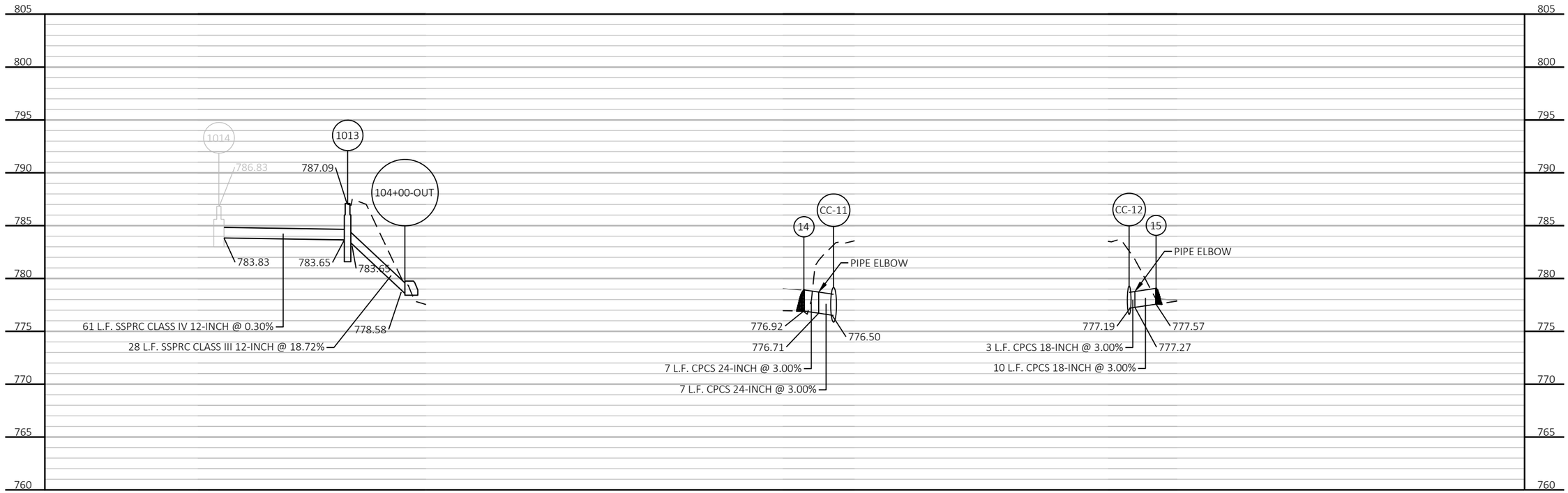
2

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022008-ec

PLOT DATE : 10/5/2022 3:09 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT





PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022501-ss

PLOT DATE : 10/6/2022 4:02 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

CTH GV

N

STA 111+24, 23.6' L
INLETS 2x3-H-S
1018

STA 111+24, 17.6' L
CONCRETE COLLAR
45

PI: 112+27.54

110+00 111+00 112+00 113+00 114+00 115+00 STH 96 116+00 117+00

TEEL 18-INCH

FO W OH UG E T

GUY SAN WV SS WV

TLE TLE

FOX RIVER MALL

EXIST R/W EXIST R/W

SIGN

805 800 795 790 785 780 775 770 765 760

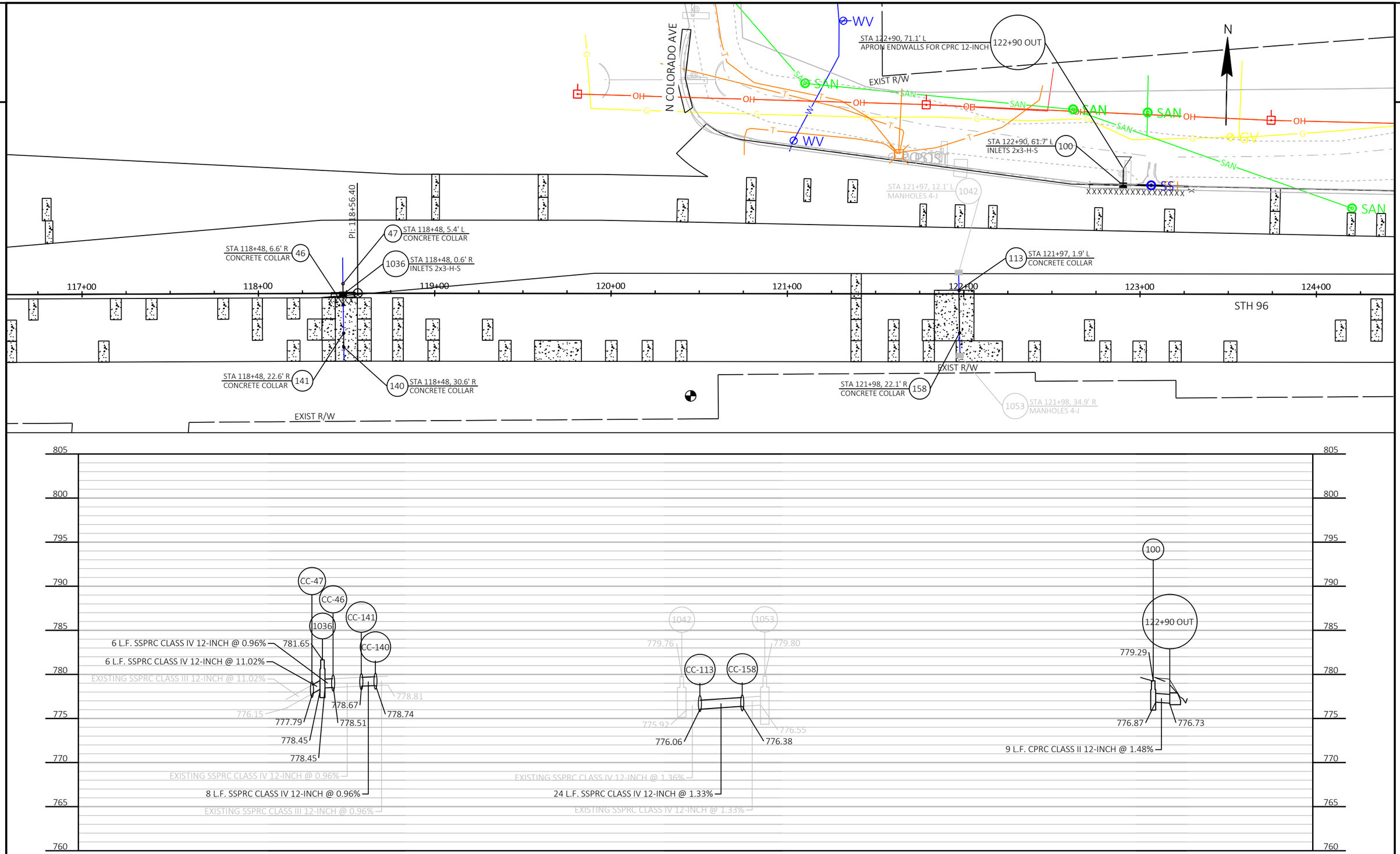
1018
EC-45
785.84
782.34
782.32
782.33
6 L.F. SSPRC CLASS III 12-INCH @ 0.18%
EXISTING SSPRC CLASS III 12-INCH @ 0.18%

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022502-ss

PLOT DATE : 10/6/2022 4:02 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

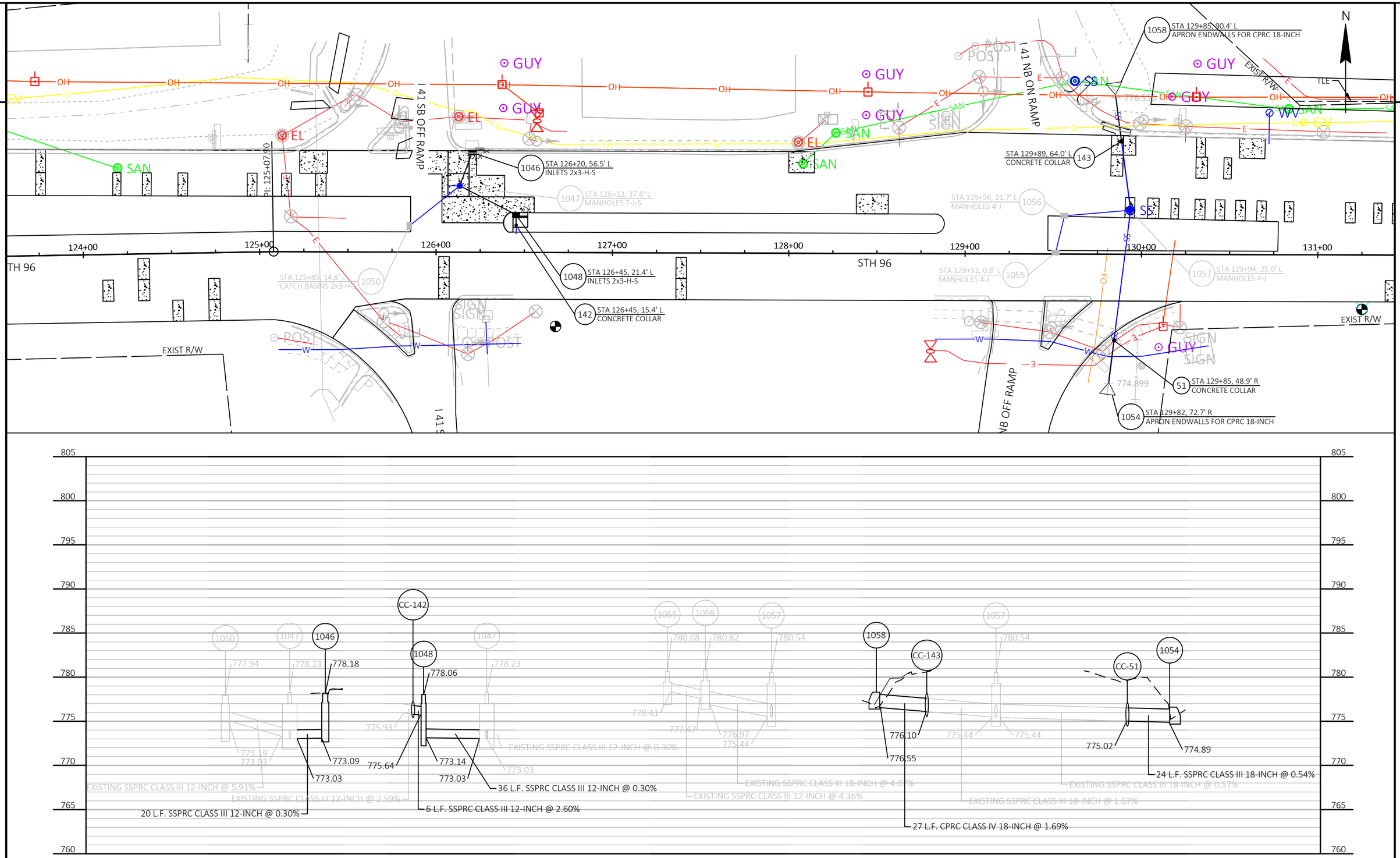
2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022503-ss

PLOT DATE : 10/6/2022 4:02 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022504-ss

PLOT DATE : 10/6/2022 4:02 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

EXIST R/W

EXIST R/W

SAN

SAN

SAN

SAN

G

G

TEL

SS

N

EXIST R/W

1072 STA 138+94, 9.3' L MANHOLES 4-J

117 STA 138+94, 1.0' L CONCRETE COLLAR

118 STA 138+94, 7.1' R CONCRETE COLLAR

1074 STA 138+95, 18.1' R MANHOLES 4-J

SS

N WESTHILL BLVD

GV

1082 STA 141+93, 54.0' L INLETS 2x3-H

54 STA 141+93, 32.0' L CONCRETE COLLAR

55 STA 141+93, 24.0' L CONCRETE COLLAR

1082A STA 141+93, 14.4' L MANHOLES 4-J

1081 STA 141+92, 8.4' L INLETS 2x3-H

STA 144+43, 51.9' L INLETS 2x3-H 1083

STA 144+41, 24.4' L CONCRETE COLLAR 60

STA 144+40, 16.5' L CONCRETE COLLAR 61

1084 STA 144+40, 8.6' L MANHOLES 4-J

138+00 139+00 140+00 141+00 142+00 143+00 144+00 145+00

EXIST R/W

EXIST R/W

790 785 780 775 770 765 760 755 750 745

1072 771.61 1074 771.81

CC-117 CC-118

766.61 766.28 765.95 765.51

EXISTING SSPRC CLASS III 12-INCH @ 4.01%

8 L.F. SSPRC CLASS III 12-INCH @ 4.01%

EXISTING SSPRC CLASS III 12-INCH @ 4.01%

1082A 1082 1081

CC-54 CC-55

768.95 768.84 765.42

766.25 764.32 763.61

EXISTING SSPRC CLASS III 12-INCH @ 8.80%

EXISTING SSPRC CLASS III 12-INCH @ 8.79%

8 L.F. SSPRC CLASS III 12-INCH @ 8.79%

EXISTING SSPRC CLASS III 12-INCH @ 8.79%

762.24 762.77 762.77

1083 1084

CC-60 CC-61

766.72 766.63

764.22 763.08 762.74 762.43

EXISTING SSPRC CLASS III 12-INCH @ 4.17%

EXISTING SSPRC CLASS III 12-INCH @ 3.96%

8 L.F. SSPRC CLASS IV 12-INCH @ 4.17%

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022505-ss

PLOT DATE : 10/6/2022 4:03 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 41

2

N

EXIST R/W

STA 146+16, 40.0' L
MANHOLES 4-J
1091

STA 146+18, 18.7' L
INLETS 2x3-H-S
1089

STA 146+18, 13.7' L
CONCRETE COLLAR
144

STA 146+18, 8.7' L
MANHOLES 4-J
1090

STA 146+84, 17.6' R
MANHOLES 4-J
1093A

20053
S766.176
SSMH

RAILROAD

RAILROAD

STH 96

STA 151+43, 9.6' L
MANHOLES 4-J
1100

STA 151+43, 1.6' L
CONCRETE COLLAR
67

STA 151+43, 6.4' R
CONCRETE COLLAR
145

20052
S779.192
SSMH

STA 151+43, 17.6' R
MANHOLES 4-J
1101

EXIST R/W

145+00 146+00 147+00 148+00 149+00 150+00 151+00 152+00

790 785 780 775 770 765 760 755 750 745

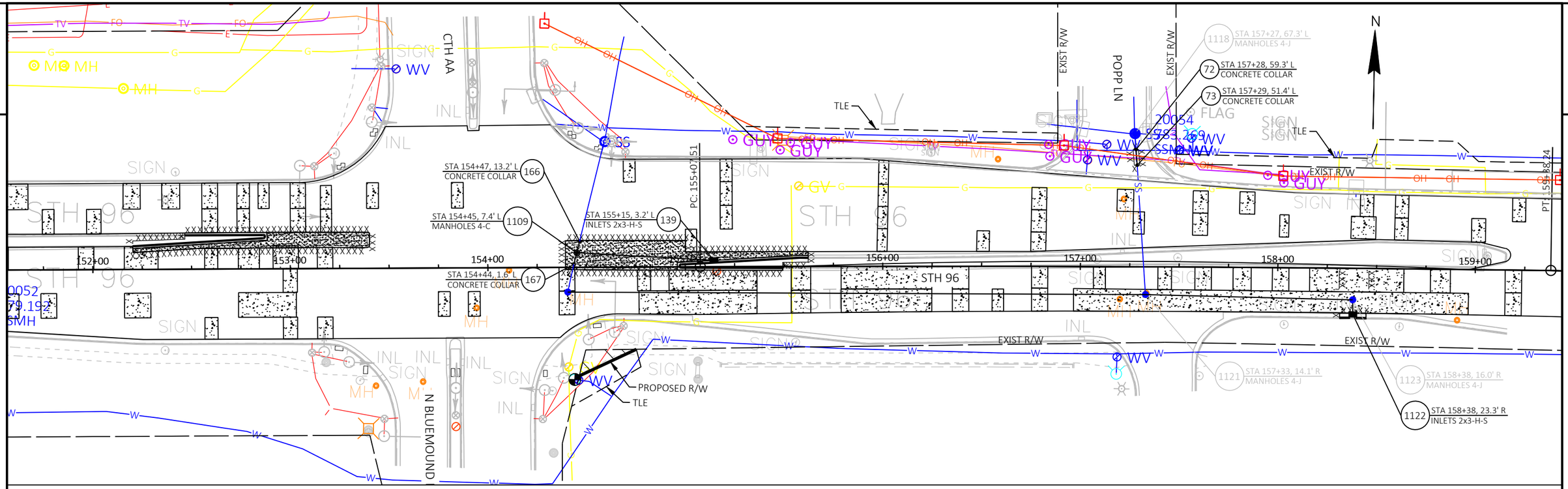
CC-144
1091
1089
1090
1093A
767.94
765.64
766.55
766.18
765.24
762.85
762.85
762.55
762.55
761.58
762.70
22 L.F. SSPRC CLASS IV 12-INCH @ 11.13%
5 L.F. SSPRC CLASS III 12-INCH @ 2.99%
71 L.F. SSPRC CLASS III 15-INCH @ 1.38%
EXISTING SSPRC CLASS III 12-INCH @ 2.99%

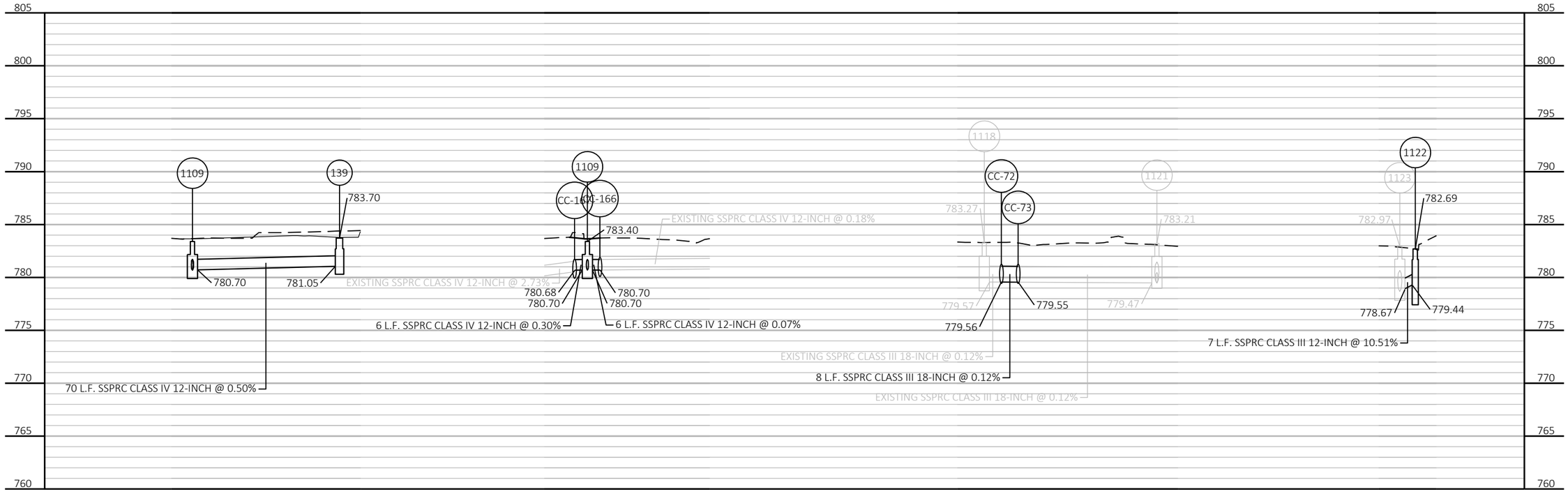
1100
1101
CC-145
CC-67
779.04
779.19
775.69
773.94
774.97
774.45
EXISTING SSPRC CLASS III 12-INCH @ 6.45%
EXISTING SSPRC CLASS III 12-INCH @ 6.46%
8 L.F. SSPRC CLASS III 12-INCH @ 6.46%

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96	SHEET	E

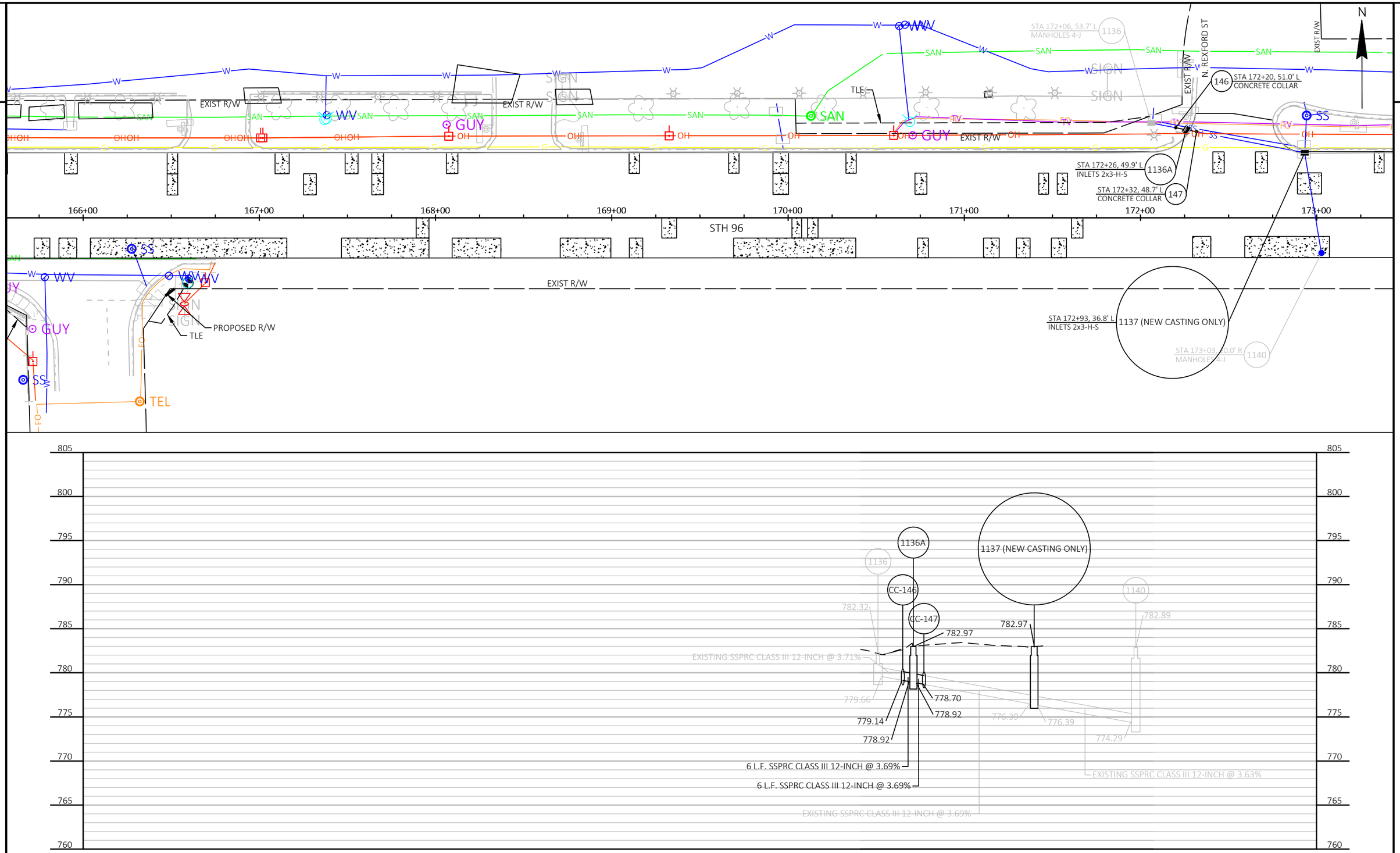
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LAYOUT NAME - 022506-ss

PLOT DATE : 10/6/2022 4:03 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT





PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96	SHEET	E



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022508-ss

PLOT DATE : 10/6/2022 4:03 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

N

EXIST R/W

A 172+20, 51.0' L
ONCRETE COLLAR

1146 STA 176+03, 50.5' L
MANHOLES 4-J

1145 STA 176+04, 37.0' L
INLETS 2x3-H-S

149 STA 176+04, 31.0' L
CONCRETE COLLAR

164 STA 176+07, 24.1' R
CONCRETE COLLAR

1143 STA 176+13, 26.0' R
CATCH BASINS 4-A

1144 STA 176+01, 21.8' R
MANHOLES 8-J-S

1140

173+00 174+00 175+00 176+00 177+00 178+00 179+00 180+00

STH 96

N. LYNNDALE DR

PI: 179+83.08

SAN SS WV W G OH TV TLE GUY SIGN

805
800
795
790
785
780
775
770
765
760

CC-148
CC-149
CC-164
1146
1145
1144
1143
781.85
781.88
781.79
778.70
779.18
778.34
778.86
778.60
778.60
776.05
776.08
776.05
776.07
EXISTING SSPRC CLASS III 12-INCH @ 4.34%
6 L.F. SSPRC CLASS III 12-INCH @ 4.33%
6 L.F. SSPRC CLASS III 12-INCH @ 4.33%
6 L.F. SSPRC CLASS III 12-INCH @ 0.30%
EXISTING SSPRC CLASS III 12-INCH @ 0.30%
EXISTING SSPRC CLASS III 12-INCH @ 4.33%

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96	SHEET E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022509-ss

PLOT DATE : 10/6/2022 4:03 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

WILHARMS DR

EXIST R/W

1167 STA 187+33, 64.4' L MANHOLES 4-J

1168 STA 187+48, 55.9' L INLETS 2x3-H-S

TLE

RECONSTRUCTING MANHOLES STA 192+57, 13.1' L MANHOLES 4-J

1190

N. PERKINS ST

PROPOSED R/W

STA 193+32, 14.0' L CONCRETE COLLAR 88

87 STA 193+40, 14.0' L CONCRETE COLLAR

187+00 188+00 189+00 190+00 191+00 192+00 193+00 194+00

STH 96

STA 193+08, 17.7' R CONCRETE COLLAR 91

90 STA 193+24, 17.8' R CONCRETE COLLAR

1191 STA 192+56 MANHOLES 4-J

PROPOSED R/W

TLE

STA 192+57, 64.2' R MANHOLES 4-J 1181A

STA 192+57, 68.1' R CONCRETE COLLAR 96

STA 192+57, 76.1' R CONCRETE COLLAR 97

RECONSTRUCTING MANHOLES STA 193+56, 14.1' L MANHOLES 4-J 1186

805 800 795 790 785 780 775 770 765 760

1167 1168

779.01 778.50 778.52 778.50

17 L.F. SSPRC CLASS IV 12-INCH @ 3.05%

5 L.F. SSPC 8-INCH @ 0.30%

1190 RECONSTRUCTING MANHOLES 775.97

1186 CC-88 CC-87 RECONSTRUCTING MANHOLES 776.76 776.85 777.02

EXISTING SSPRC CLASS III 18-INCH @ 1.06%

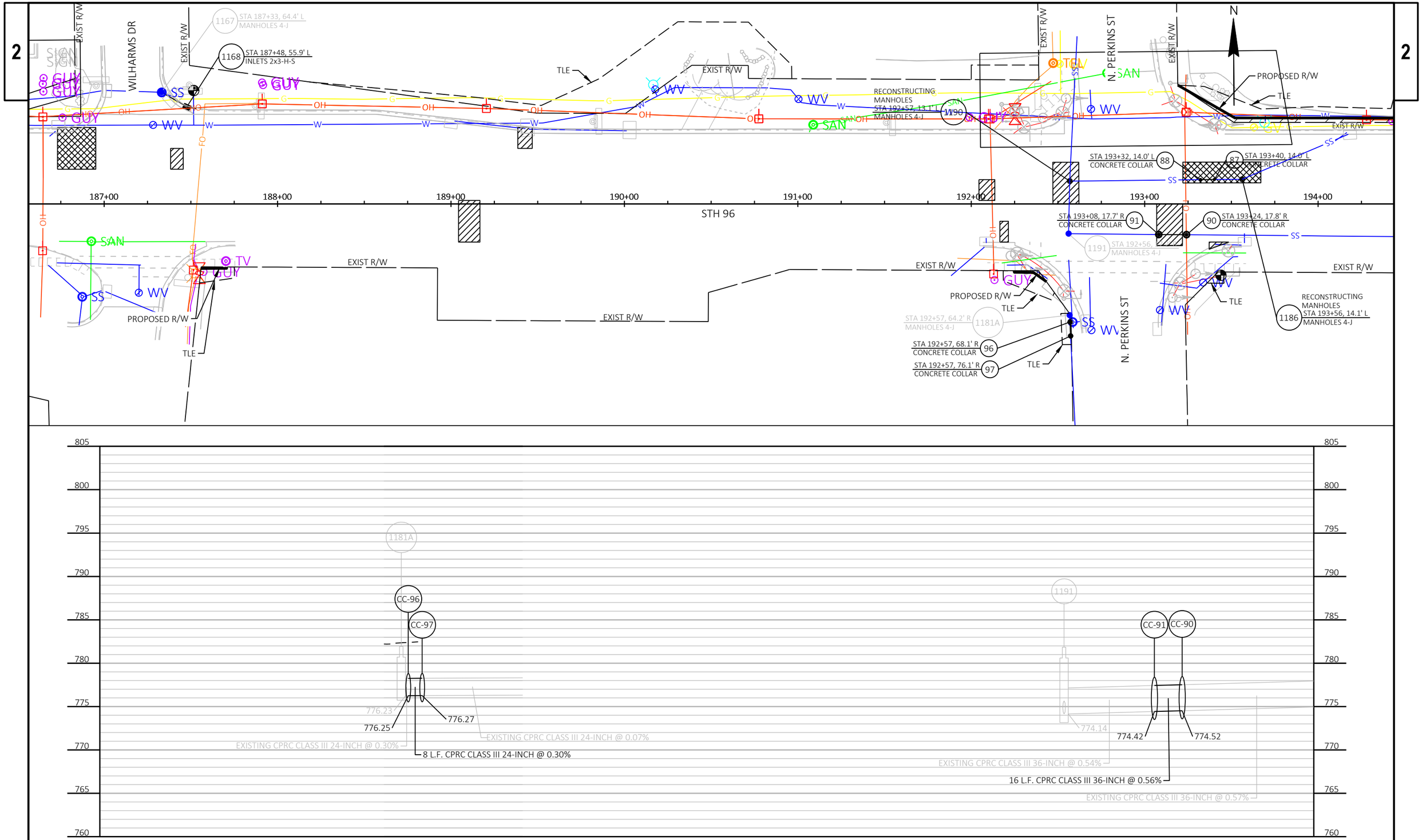
8 L.F. SSPRC CLASS III 18-INCH @ 1.05%

EXISTING SSPRC CLASS III 18-INCH @ 1.05%

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96 (N TRUNK LINE #1)	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022510-ss

PLOT DATE : 10/6/2022 4:03 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

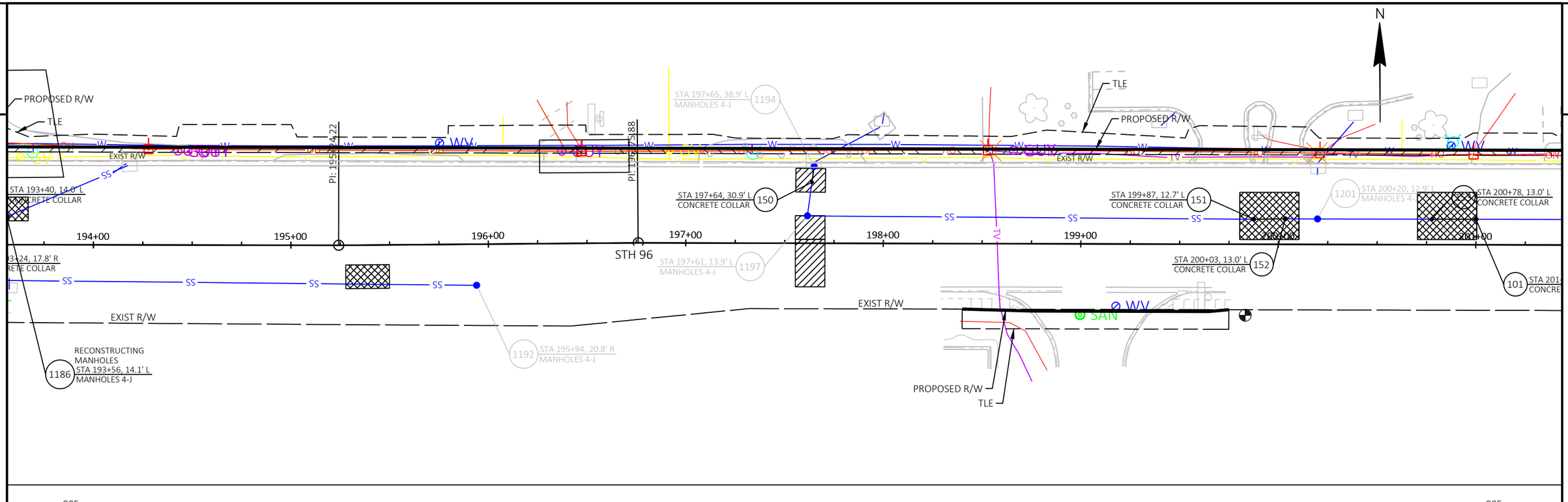


PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96 (S TRUNK LINE)	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022511-ss

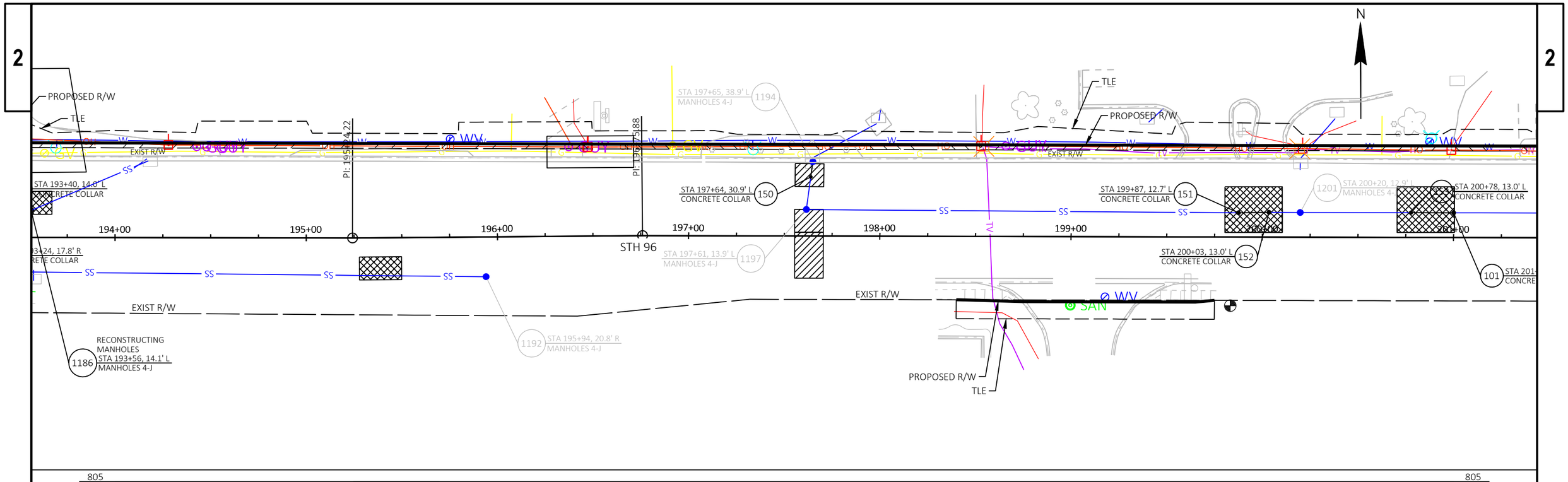
PLOT DATE : 10/6/2022 4:03 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96 (S TRUNK LINE)	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022514-ss
PLOT DATE : 10/6/2022 4:04 PM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96 (N TRUNK LINE #2)	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022513-ss

PLOT DATE : 10/6/2022 4:04 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

PROPOSED R/W

TLE

PROPOSED R/W

EXIST R/W

PROPOSED R/W

STA 200+78, 13.0' L
CONCRETE COLLAR

101 STA 201+00, 13.0' L
CONCRETE COLLAR

STA 202+41, 13.0' L
MANHOLES 4-J

1204

STA 202+67, 13.3' L
CONCRETE COLLAR

154

123 STA 202+75, 13.4' L
CONCRETE COLLAR

STA 203+33, 33.9' R
CONCRETE COLLAR

155

STA 204+77, 16.0' L
MANHOLES 4-J

1209

1210 STA 204+77, 39.3' L
MANHOLES 4-J

STA 205+76, 32.1' R
MANHOLES 4-J

1221

1212 STA 206+68, 66.4' L
MANHOLES 8-J

PI: 206+74.67

PI: 207+81.73

1219 STA 206+44, 61.5' R
MANHOLES 4-J

LINE EXISTING MANHOLE
(MATERIAL TBD)
STA 206+10, 62.5' R
MANHOLES 4-J

1220

1221A OUT STA 203+33, 52.9' R
APRON ENDWALLS FOR CPRC 12-INCH

20055
798.409
IECP

STH 96

STH 96

POST

POST

N. BADGER AVE

200+00 201+00 202+00 203+00 204+00 205+00 206+00 207+00 208+00

805 800 795 790 785 780 775 770 765 760

CC-153

CC-101

CC-123

CC-154

784.60

785.16

788.74

788.74

793.24

789.19

789.32

792.78

798.48

22 L.F. SSPRC CLASS III 15-INCH @ 2.54%

8 L.F. SSPRC CLASS III 15-INCH @ 1.71%

EXISTING SSPRC CLASS III 15-INCH @ 2.54%

EXISTING SSPRC CLASS III 15-INCH @ 1.70%

EXISTING SSPRC CLASS III 15-INCH @ 1.71%

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96 (N TRUNK LINE #2)	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022516-ss

PLOT DATE : 10/6/2022 4:04 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

N

PROPOSED R/W

TLE

PROPOSED R/W

EXIST R/W

GUY

WV

SAN

STA 200+78, 13.0' L
CONCRETE COLLAR

101 STA 201+00, 13.0' L
CONCRETE COLLAR

STA 202+41, 13.0' L
MANHOLES 4-J
1204

STA 202+67, 13.3' L
CONCRETE COLLAR
154

123 STA 202+75, 13.4' L
CONCRETE COLLAR

STH 96

STA 203+33, 33.9' R
CONCRETE COLLAR
155

EXIST R/W

20055
790.409
IECP

GV

POST

1221A OUT STA 203+33, 52.9' R
APRON ENDWALLS FOR CPRC 12-INCH

STA 204+77, 16.0' L
MANHOLES 4-J
1209

1210 STA 204+77, 39.3' L
MANHOLES 4-J

STA 205+76, 32.1' R
MANHOLES 4-J
1221

LINE EXISTING MANHOLE
(MATERIAL TBD)
STA 206+10, 62.5' R
MANHOLES 4-J
1220

PROPOSED R/W

1219 STA 206+44, 61.5' R
MANHOLES 4-J

1212 STA 206+68, 66.4' L
MANHOLES 8-J

PI: 206+74.67

PI: 207+81.73

TLE

N. BADGER AVE

200+00 201+00 202+00 203+00 204+00 205+00 206+00 207+00 208+00

805 800 795 790 785 780 775 770 765 760

1221A OUT

CC-155

790.48

790.47

790.41

EXISTING SSPRC CLASS III 12-INCH @ 0.30%

6 L.F. SSPC 12-INCH @ 0.30%

1210

798.00

6 L.F. SSPC 12-INCH @ 0.30%

793.25

793.28

793.26

EXISTING SSPC 12-INCH @ 0.30%

1221

799.75

1220

795.25

1219

796.79

LINE EXISTING MANHOLE
(MATERIAL TBD)

1212

784.93

LINE PIPE 135 L.F. CPRC CLASS III 60-INCH @
0.61%

777.94

778.75

784.25

786.29

EXISTING CPRC CLASS III 36-INCH @ 12.10%

EXISTING CPRC CLASS III 36-INCH @ 5.98%

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER - STH 96 (LATERALS)	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022517-ss

PLOT DATE : 10/6/2022 4:04 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:50 FT

GENERAL NOTE

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

NOTE

WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL LOOP DETECTORS, PED PUSH BUTTONS, AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION, AND MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-3107.

CONFIGURATION WITH HEAD NUMBERS					
4-VLFY	3-V2R	3-V	3-H	EVP DETECTOR	1-P
1, 2	12, 13	3, 4, 5 6, 7, 8 9, 10, 14	11	2 3 4	15, 16

Install on SB4

Install on SB3

NOTE: SIGNAL HEAD # 1 REQUIRES TUNNEL VISORS

MONOTUBE STRUCTURE NUMBERS	
SB2	S-44-0238
SB6	S-44-0239

Updated 10-23-2019 (Installed Econolite Controller)

REVISION				
Rev. No.	ADD MONOTUBES			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
	Date	By	Date	By
1	10-1-18	RPA	10-2-18	JRI

TRAFFIC CONTROL SIGNAL

IH 41 SB & STH 96 (Wisconsin Ave)
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

SIGNAL NO. 44-1403 CONTROLLER TYPE: Cobalt

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 4-19-2013 Robert J. Schuurmans
REGION TRAFFIC ENGINEER

APPROVED
Date 4-23-2013 Joanna L. Bush
STATE TRAFFIC ENGINEER

REGION CONTACT: RPA
DESIGNED BY: RJS
REVISED BY: RJS

PAGE 1 OF 1

PROJECT NO: 4075-40-00	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL SIGNAL - S44-1403	SHEET E

FILE NAME : F:\D3_TRAFFI\S44-1403 (41 SB & 96)\S44-1403 FUTURE.DWG
LAYOUT NAME - S44-1403-tcs

PLOT DATE : 9/7/2022 9:17 AM PLOT BY : MARTENS, JOHN M PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

GENERAL NOTE

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

NOTE

WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL LOOP DETECTORS, PED PUSH BUTTONS, AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION, AND MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-3107.

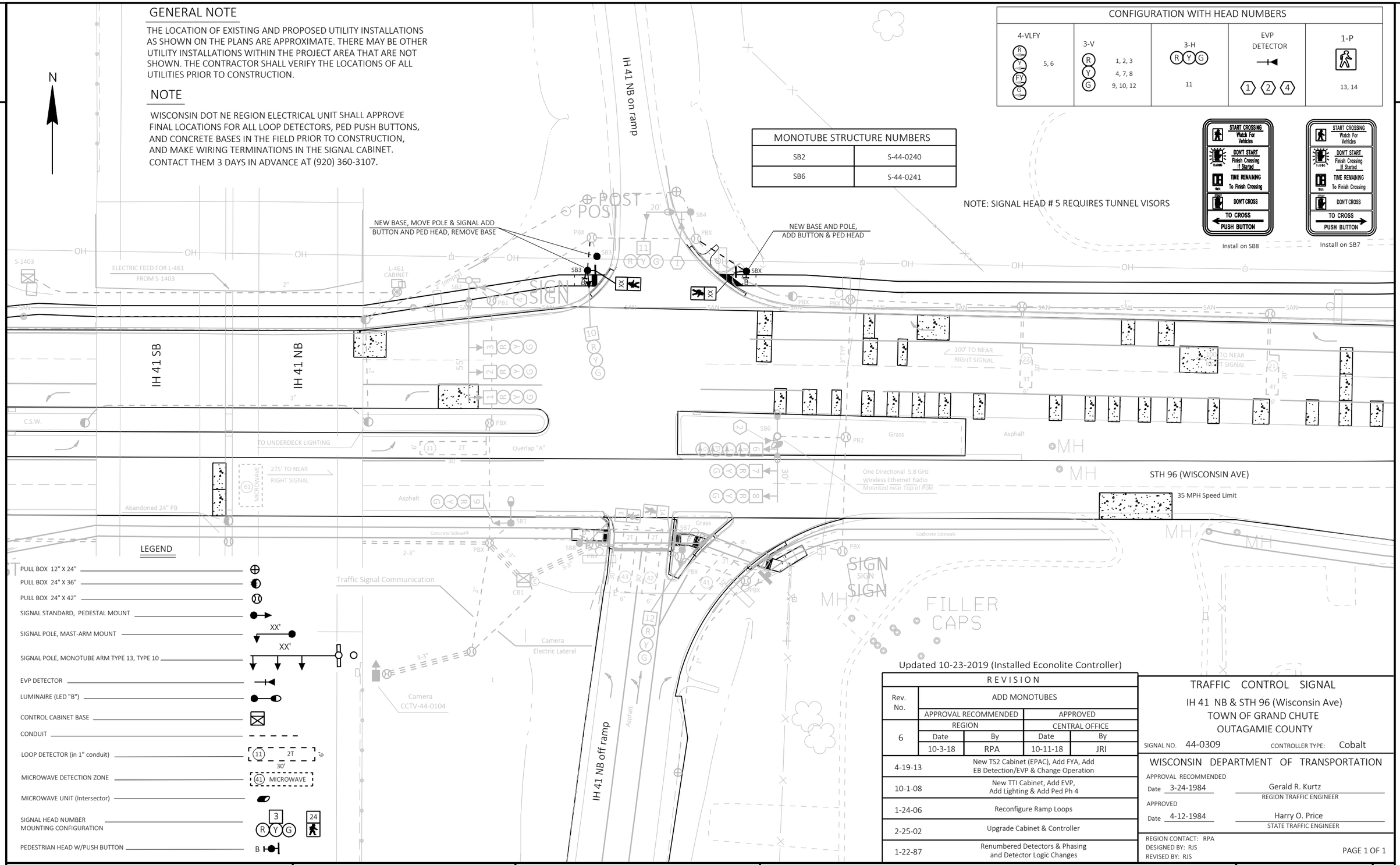
CONFIGURATION WITH HEAD NUMBERS				
4-VLFY	3-V	3-H	EVP DETECTOR	1-P
5, 6	1, 2, 3 4, 7, 8 9, 10, 12	11	1 2 4	13, 14

MONOTUBE STRUCTURE NUMBERS	
SB2	S-44-0240
SB6	S-44-0241

NOTE: SIGNAL HEAD # 5 REQUIRES TUNNEL VISORS

Install on SB8

Install on SB7



LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MAST-ARM MOUNT (XX')
- SIGNAL POLE, MONOTUBE ARM TYPE 13, TYPE 10 (XX')
- EVP DETECTOR
- LUMINAIRE (LED "B")
- CONTROL CABINET BASE
- CONDUIT
- LOOP DETECTOR (in 1" conduit) (11, 2T, 6', 30')
- MICROWAVE DETECTION ZONE (41 MICROWAVE)
- MICROWAVE UNIT (Intersector)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION (3 R Y G 24)
- PEDESTRIAN HEAD W/PUSH BUTTON (B)

REVISION				
Rev. No.	ADD MONOTUBES			
	APPROVAL RECOMMENDED		APPROVED	
6	REGION		CENTRAL OFFICE	
	Date	By	Date	By
	10-3-18	RPA	10-11-18	JRI
4-19-13	New TS2 Cabinet (EPAC), Add FYA, Add EB Detection/EVP & Change Operation			
10-1-08	New TTI Cabinet, Add EVP, Add Lighting & Add Ped Ph 4			
1-24-06	Reconfigure Ramp Loops			
2-25-02	Upgrade Cabinet & Controller			
1-22-87	Renumbered Detectors & Phasing and Detector Logic Changes			

TRAFFIC CONTROL SIGNAL

IH 41 NB & STH 96 (Wisconsin Ave)
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

SIGNAL NO. 44-0309 CONTROLLER TYPE: Cobalt

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 3-24-1984 Gerald R. Kurtz, REGION TRAFFIC ENGINEER

APPROVED
Date 4-12-1984 Harry O. Price, STATE TRAFFIC ENGINEER

REGION CONTACT: RPA
DESIGNED BY: RJS
REVISED BY: RJS

PROJECT NO: 4075-40-00	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL SIGNAL S44-0309	SHEET E

FILE NAME : F:\D3_TRAFFI\S44-0309 (41 NB & 96)\S44-0309 FUTURE.DWG
LAYOUT NAME - S44-0309-tcs

PLOT DATE : 9/7/2022 9:37 AM PLOT BY : MARTENS, JOHN M PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

Install on SB1, SB4 & SB7

Install on SB1, SB5, SB8, SB10 & SB11

NOTE: SIGNAL HEADS 1, 6, 11 & 16 REQUIRES TUNNEL VISORS

NOTE

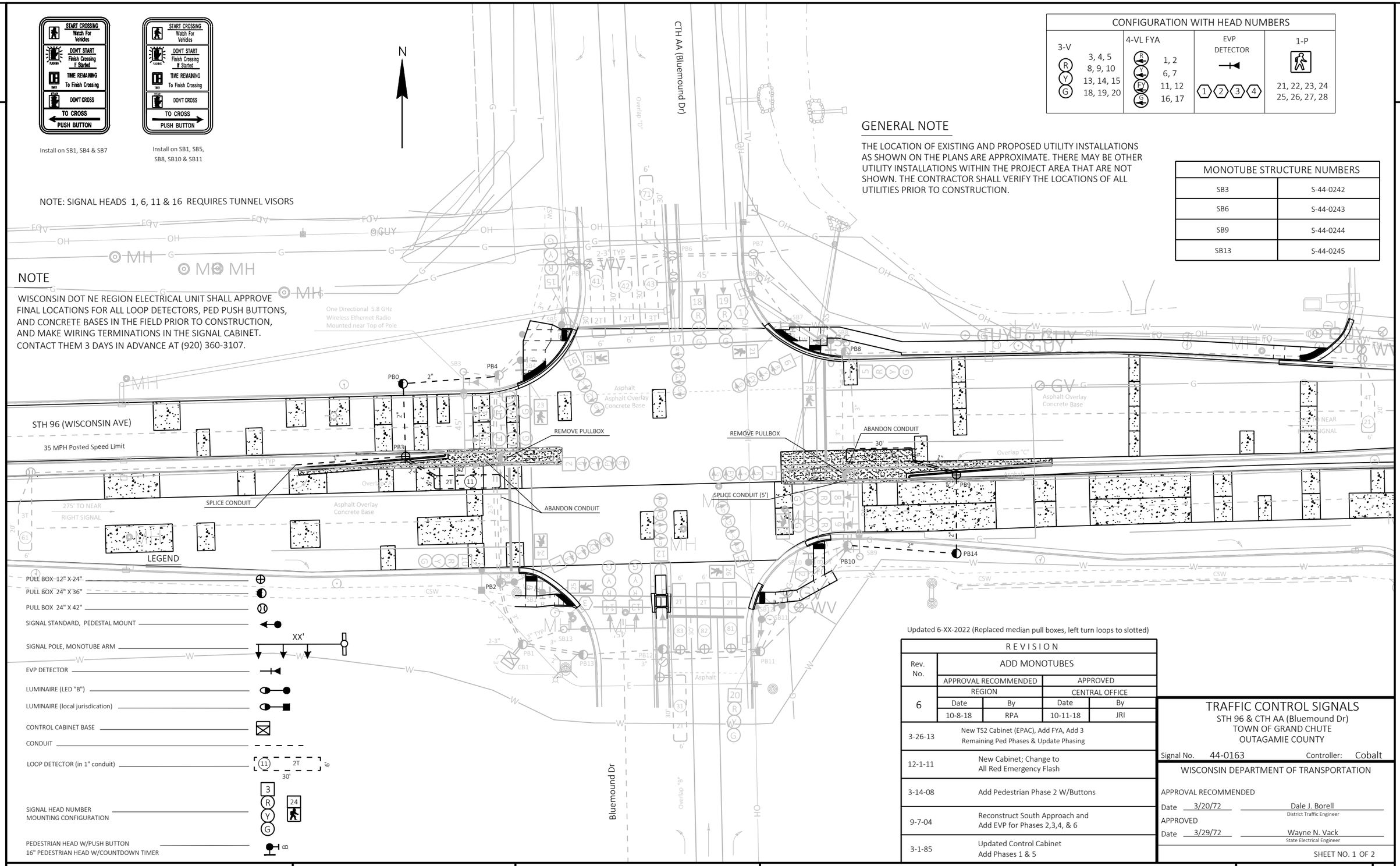
WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL LOOP DETECTORS, PED PUSH BUTTONS, AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION, AND MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-3107.

CONFIGURATION WITH HEAD NUMBERS			
3-V	4-VL FYA	EVP DETECTOR	1-P
R 3, 4, 5 / Y 8, 9, 10 / G 13, 14, 15 / 18, 19, 20	R 1, 2 / Y 6, 7 / FY 11, 12 / G 16, 17	1 2 3 4	21, 22, 23, 24 25, 26, 27, 28

GENERAL NOTE

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

MONOTUBE STRUCTURE NUMBERS	
SB3	S-44-0242
SB6	S-44-0243
SB9	S-44-0244
SB13	S-44-0245



Updated 6-XX-2022 (Replaced median pull boxes, left turn loops to slotted)

REVISION				
Rev. No.	ADD MONOTUBES			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
6	Date	By	Date	By
	10-8-18	RPA	10-11-18	JRI
3-26-13	New TS2 Cabinet (EPAC), Add FYA, Add 3 Remaining Ped Phases & Update Phasing			
12-1-11	New Cabinet; Change to All Red Emergency Flash			
3-14-08	Add Pedestrian Phase 2 W/Buttons			
9-7-04	Reconstruct South Approach and Add EVP for Phases 2,3,4, & 6			
3-1-85	Updated Control Cabinet Add Phases 1 & 5			

TRAFFIC CONTROL SIGNALS

STH 96 & CTH AA (Bluemound Dr)
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

Signal No. 44-0163 Controller: Cobalt

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 3/20/72 Dale J. Borell, District Traffic Engineer

APPROVED
Date 3/29/72 Wayne N. Vack, State Electrical Engineer

SHEET NO. 1 OF 2

PROJECT NO: 4075-40-00	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL SIGNAL - S44-0163	SHEET	E

FILE NAME : F:\D3_TRAFFI\S44-0163 (96 & BLUEMOUND)\S44-0163 FUTURE FUTURE.DWG
LAYOUT NAME - S44-0163 FUTURE FUTURE-tcs

PLOT DATE : 9/7/2022 9:11 AM PLOT BY : MARTENS, JOHN M PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MONOTUBE ARM - TYPE 13, TYPE 10 SPECIAL (XX')
- SIGNAL POLE, MASTARM, TRANSFORMER MOUNT (XX')
- EVP DETECTOR
- LUMINAIRE (local jurisdiction)
- CONTROL CABINET BASE
- CONDUIT
- LOOP DETECTOR (in 1" conduit) — (11) 2T, 6', 30'
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION — 3, R, Y, G, 24
- PEDESTRIAN HEAD W/PUSH BUTTON
  16" PEDESTRIAN HEAD W/COUNTDOWN TIMER

CONFIGURATION WITH HEAD NUMBERS			
3-V (R, Y, G)	3, 4, 5 8, 9, 10 13, 14, 15 18, 19, 20	4-VLP FYA (R, Y, FY, G)	1, 2 6, 7 11, 12 16, 17
EVP DETECTOR (2, 3, 4)		1-P	21, 22 23, 24

GENERAL NOTE

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SIGNAL HEADS 1, 6, 11 & 16 REQUIRE TUNNEL VISORS

NEW BASE, MOVE POLE & SIGNAL ADD BUTTON AND PED HEAD, REMOVE BASE

ADD BUTTON AND PED HEAD

One Directional 5.8 GHz Wireless Ethernet Radio Mounted near Top of Pole

CTH A (Lynndale Dr)
40 MPH Posted Speed Limit

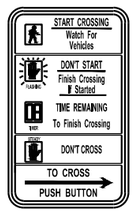
STH 96 (WISCONSIN AVE)
35 MPH Posted Speed Limit

Asphalt Median
Asphalt Overlay
Concrete
Overlay "A"
Overlay "B"
Overlay "C"
200' TO NEAR RIGHT SIGNAL
250' TO FAR RIGHT SIGNAL
Existing R/W
City of Appleton EVP GPS Detector
Notify City 3 days prior for removal
C.S.W.
SAN
TEL
GV
WV
EL
PBX
SB1
SB2
SB3
SB4
SB5
SB6
SB7
SB8
SB9
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PB8
CB1

NOTE: FAR RIGHT OVERHEAD TROMBONE SIGNALS IN THE NW AND SE CORNERS NEED TO BE TEMPORARILY RELOCATED TO ACCOMMODATE MONOTUBE INSTALLATION

NOTE

WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL LOOP DETECTORS, PED PUSH BUTTONS, AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION AND MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET.
CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-3107.



Install on SB1, SB2, SB4 & SB7

MONOTUBE STRUCTURE NUMBERS	
SB3	S-44-0255
SB5	S-44-0256
SB7	S-44-0257
SB9	S-44-0258

Updated 11-11-2020 (Added GPS EVP System)

REVISIONS				
Rev. No.	ADD MONOTUBES			
	APPROVALS			
	REGION		CENTRAL OFFICE	
5	Date	By	Date	By
	11-1-18	RPA	11-12-18	JRI
7-11-12	New TS2 Cabinet (EPAC), Add FYA, Add Ped Phase 4 & Add EVP Channel			
12-1-11	New Cabinet/Controller; Change to All Red Emergency Flash			
5-27-98	Cabinet Upgrade & Add EVP			
12-13-86	Detector Placement			

TRAFFIC CONTROL SIGNAL

STH 96 & Lynndale Drive
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

SIGNAL NO. 44-0120 CONTROLLER TYPE: Cobalt

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 9-10-1986 — Gerald R. Kurtz, REGION TRAFFIC ENGINEER

APPROVED
Date 9-15-1986 — Harold O. Price, STATE TRAFFIC ENGINEER

REGION CONTACT: RPA
DESIGNED BY: RJS
REVISED BY: RJS

PROJECT NO: 4075-40-00	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL SIGNAL - S44-0120	SHEET E

FILE NAME : F:\D3_TRAFFI\S44-0120 (96 & LYNNDALE)\S44-0120 FUTURE FUTURE.DWG
LAYOUT NAME - S44-0120 FUTURE-tcs
PLOT DATE : 9/7/2022 9:32 AM PLOT BY : MARTENS, JOHN M PLOT NAME : PLOT SCALE : 1 IN:40 FT

GENERAL NOTE

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

Install two on SB8

Install on SB1 & SB11

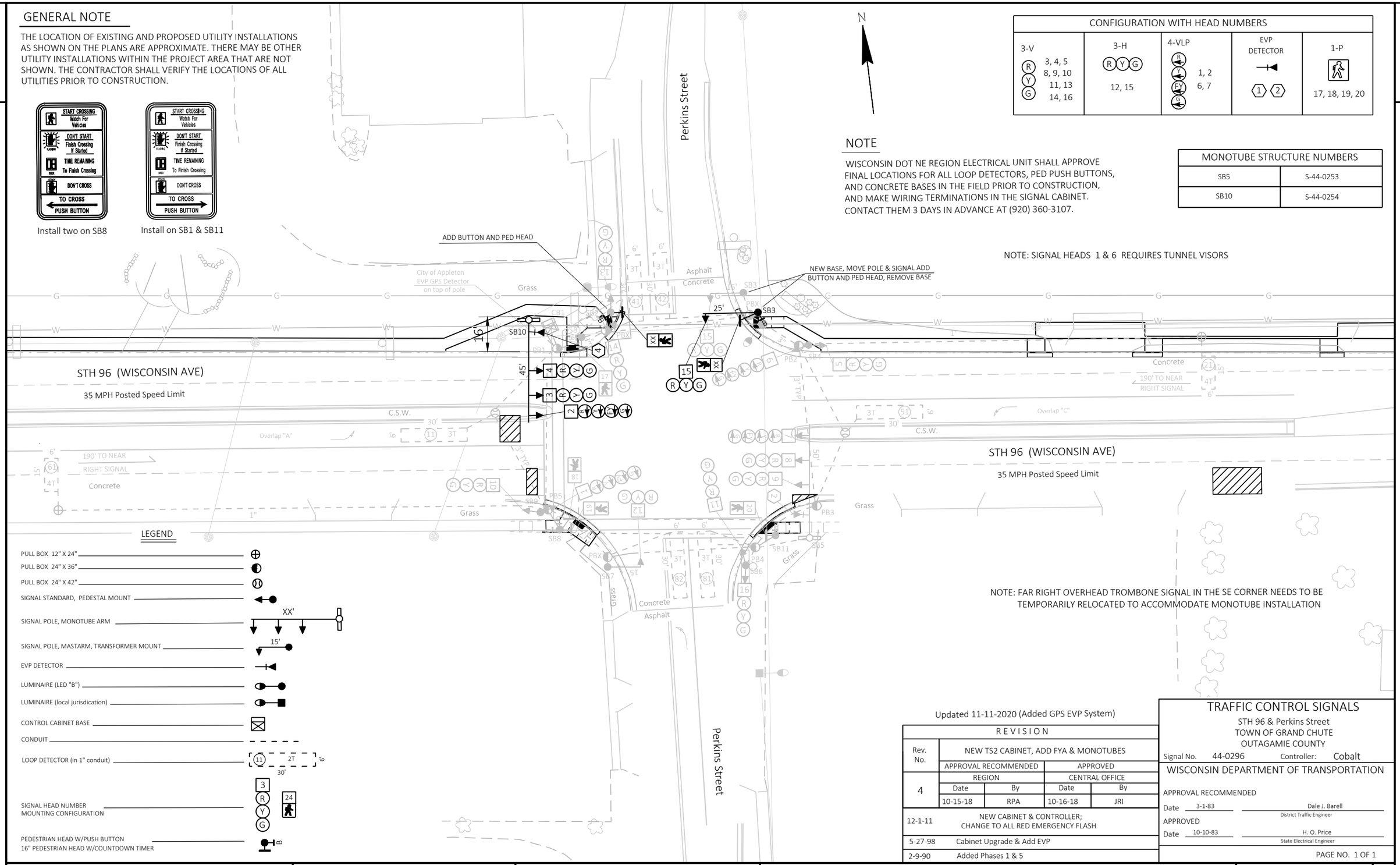
CONFIGURATION WITH HEAD NUMBERS				
3-V R 3, 4, 5 Y 8, 9, 10 G 11, 13 14, 16	3-H R Y G 12, 15	4-VLP R 1, 2 Y 6, 7 FY G	EVP DETECTOR 1 2	1-P 17, 18, 19, 20

NOTE

WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL LOOP DETECTORS, PED PUSH BUTTONS, AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION, AND MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-3107.

MONOTUBE STRUCTURE NUMBERS	
SB5	S-44-0253
SB10	S-44-0254

NOTE: SIGNAL HEADS 1 & 6 REQUIRES TUNNEL VISORS



NOTE: FAR RIGHT OVERHEAD TROMBONE SIGNAL IN THE SE CORNER NEEDS TO BE TEMPORARILY RELOCATED TO ACCOMMODATE MONOTUBE INSTALLATION

LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MONOTUBE ARM — XX'
- SIGNAL POLE, MASTARM, TRANSFORMER MOUNT — 15'
- EVP DETECTOR
- LUMINAIRE (LED "B")
- LUMINAIRE (local jurisdiction)
- CONTROL CABINET BASE
- CONDUIT
- LOOP DETECTOR (in 1" conduit) — 11, 2T, 6, 30'
- SIGNAL HEAD NUMBER / MOUNTING CONFIGURATION — 3 R Y G, 24
- PEDESTRIAN HEAD W/PUSH BUTTON
  16" PEDESTRIAN HEAD W/COUNTDOWN TIMER

Updated 11-11-2020 (Added GPS EVP System)

REVISION				
Rev. No.	NEW TS2 CABINET, ADD FYA & MONOTUBES			
	APPROVAL RECOMMENDED		APPROVED	
4	REGION		CENTRAL OFFICE	
	Date	By	Date	By
	10-15-18	RPA	10-16-18	JRI
12-1-11	NEW CABINET & CONTROLLER; CHANGE TO ALL RED EMERGENCY FLASH			
5-27-98	Cabinet Upgrade & Add EVP			
2-9-90	Added Phases 1 & 5			

TRAFFIC CONTROL SIGNALS

STH 96 & Perkins Street
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

Signal No. 44-0296 Controller: Cobalt

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 3-1-83 — Dale J. Barell, District Traffic Engineer

APPROVED
Date 10-10-83 — H. O. Price, State Electrical Engineer

PAGE NO. 1 OF 1

PROJECT NO: 4075-40-00	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTORL SIGNAL - S44-0296	SHEET E

FILE NAME : F:\D3_TRAFFI\S44-0296 (96 & PERKINS STREET)\S44-0296 FUTURE.DWG
LAYOUT NAME - S44-0296-tcs-FUTURE

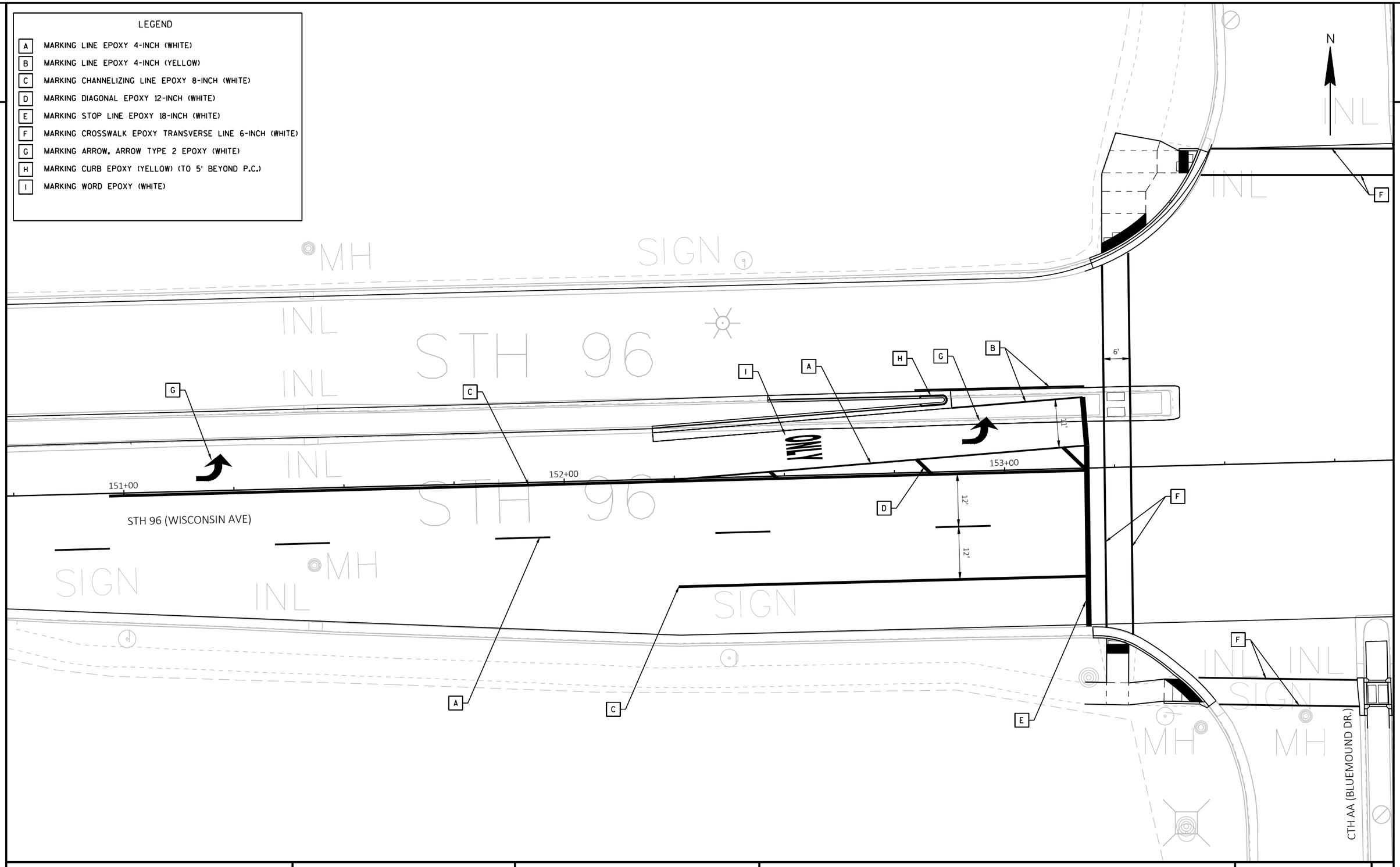
PLOT DATE : 9/7/2022 9:24 AM PLOT BY : MARTENS, JOHN M PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- A MARKING LINE EPOXY 4-INCH (WHITE)
- B MARKING LINE EPOXY 4-INCH (YELLOW)
- C MARKING CHANNELIZING LINE EPOXY 8-INCH (WHITE)
- D MARKING DIAGONAL EPOXY 12-INCH (WHITE)
- E MARKING STOP LINE EPOXY 18-INCH (WHITE)
- F MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- G MARKING ARROW, ARROW TYPE 2 EPOXY (WHITE)
- H MARKING CURB EPOXY (YELLOW) (TO 5' BEYOND P.C.)
- I MARKING WORD EPOXY (WHITE)



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm

PLOT DATE : 10/4/2022 4:46 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

CTH AA (BLUEMOUND DR.)

STH 96 (WISCONSIN AVE)

STH 96

N

E

C

A

F

D

12'

12'

11'

6'

154+00

155+00

156+00

157+00

B

G

H

A

I

C

G

F

SIGN

MH

INL

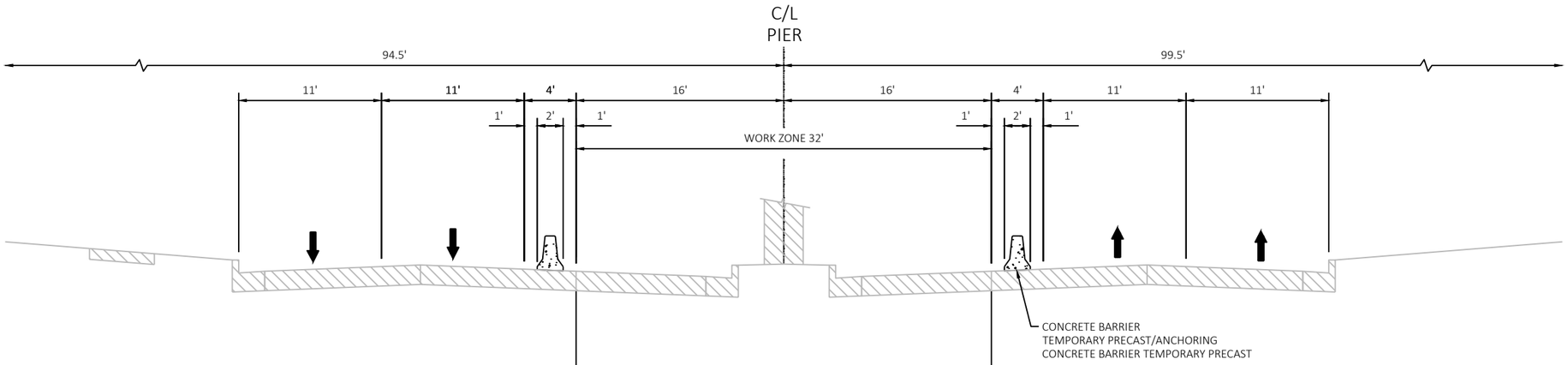
LEGEND	
A	MARKING LINE EPOXY 4-INCH (WHITE)
B	MARKING LINE EPOXY 4-INCH (YELLOW)
C	MARKING CHANNELIZING LINE EPOXY 8-INCH (WHITE)
D	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
E	MARKING STOP LINE EPOXY 18-INCH (WHITE)
F	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G	MARKING ARROW, ARROW TYPE 2 EPOXY (WHITE)
H	MARKING CURB EPOXY (YELLOW) (TO 5' BEYOND P.C.)
I	MARKING WORD EPOXY (WHITE)
J	MARKING LINE EPOXY 4-INCH (YELLOW) (2' SEGMENT, 6' GAP)

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024502-pm

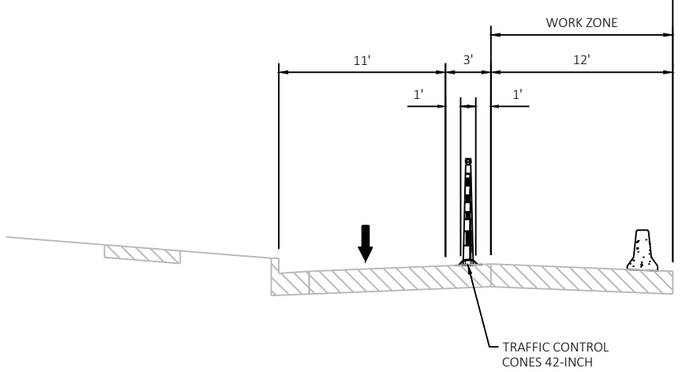
PLOT DATE : 10/4/2022 4:46 PM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

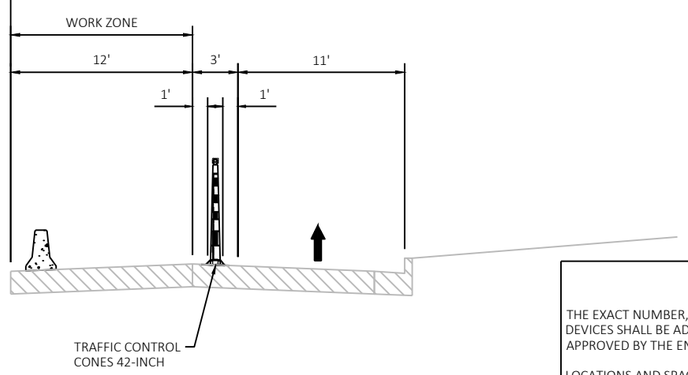


TRAFFIC CONTROL TYPICAL SECTION

B-44-0157/B-44-0158 STAGE 1
(LOOKING WEST)



B-44-0157/B-44-0158 STAGE 1A



B-44-0157/B-44-0158 STAGE 1B

GENERAL NOTES

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

LOCATIONS AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. FOLLOW APPROPRIATE STANDARD DETAIL DRAWING FOR EXACT LOCATIONS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

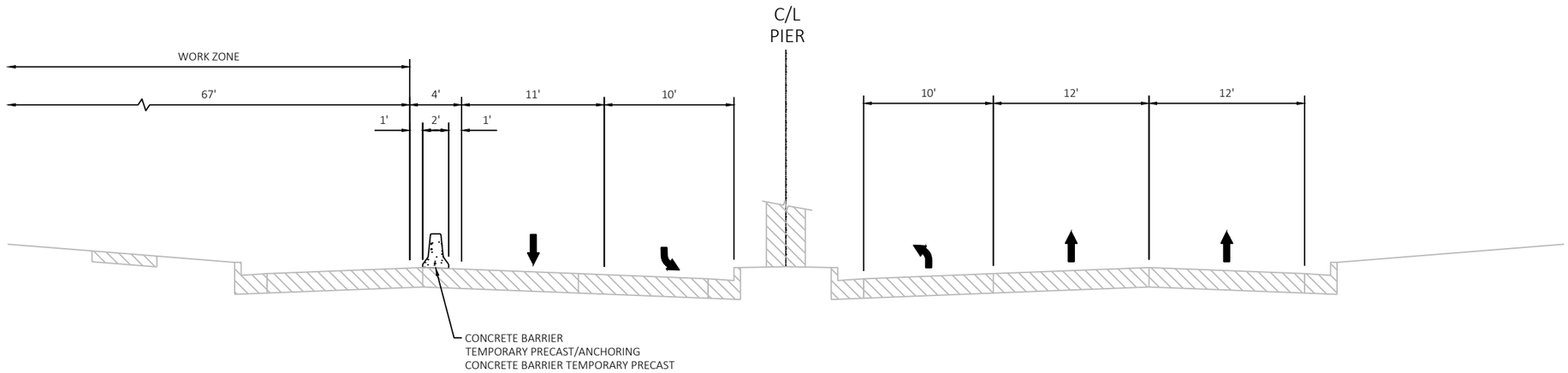
STAGE 1 WORK SHALL BE COMPLETED PRIOR TO SETTING UP STAGES 1 A AND/OR STAGE 1B

STAGE 1A AND STAGE 1B MAY BE SET UP INDEPENDENTLY OR CONCURRENTLY.

TRAFFIC CONTROL PLAN SHEETS ASSUME STAGES 1A AND 1B WERE SET UP INDEPENDENTLY OF ONE ANOTHER ON SEPARATE WEEKENDS AND THAT STAGE 4 WAS SET UP DURING STAGES 1A AND 1B.

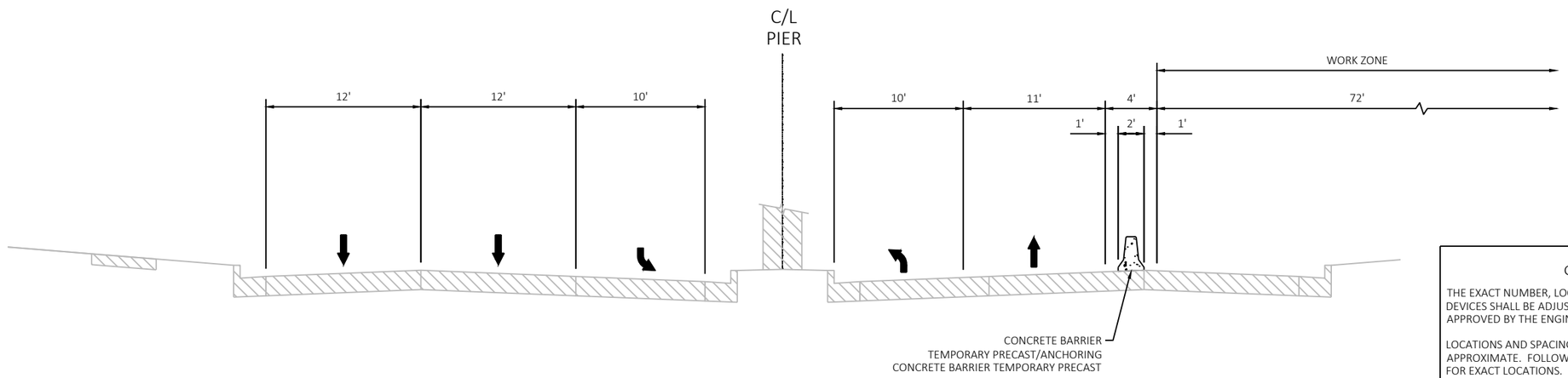
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STH 96 -TYPICALS	SHEET	E

2



TRAFFIC CONTROL TYPICAL SECTION

B-44-0157/B-44-0158 STAGE 2
(LOOKING WEST)



TRAFFIC CONTROL TYPICAL SECTION

B-44-0157/B-44-0158 STAGE 3
(LOOKING WEST)

GENERAL NOTES

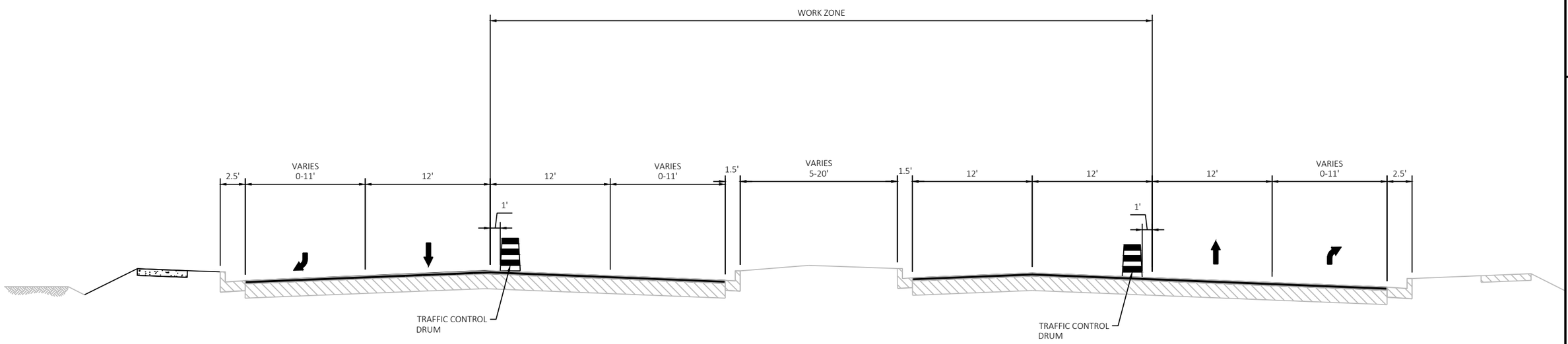
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

LOCATIONS AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. FOLLOW APPROPRIATE STANDARD DETAIL DRAWING FOR EXACT LOCATIONS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STH 96 -TYPICALS	SHEET	E



TRAFFIC CONTROL TYPICAL SECTION

BLUEMOUND DRIVE INTERSECTION
STAGE 4

2

GENERAL NOTES

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

LOCATIONS AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. FOLLOW APPROPRIATE STANDARD DETAIL DRAWING FOR EXACT LOCATIONS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

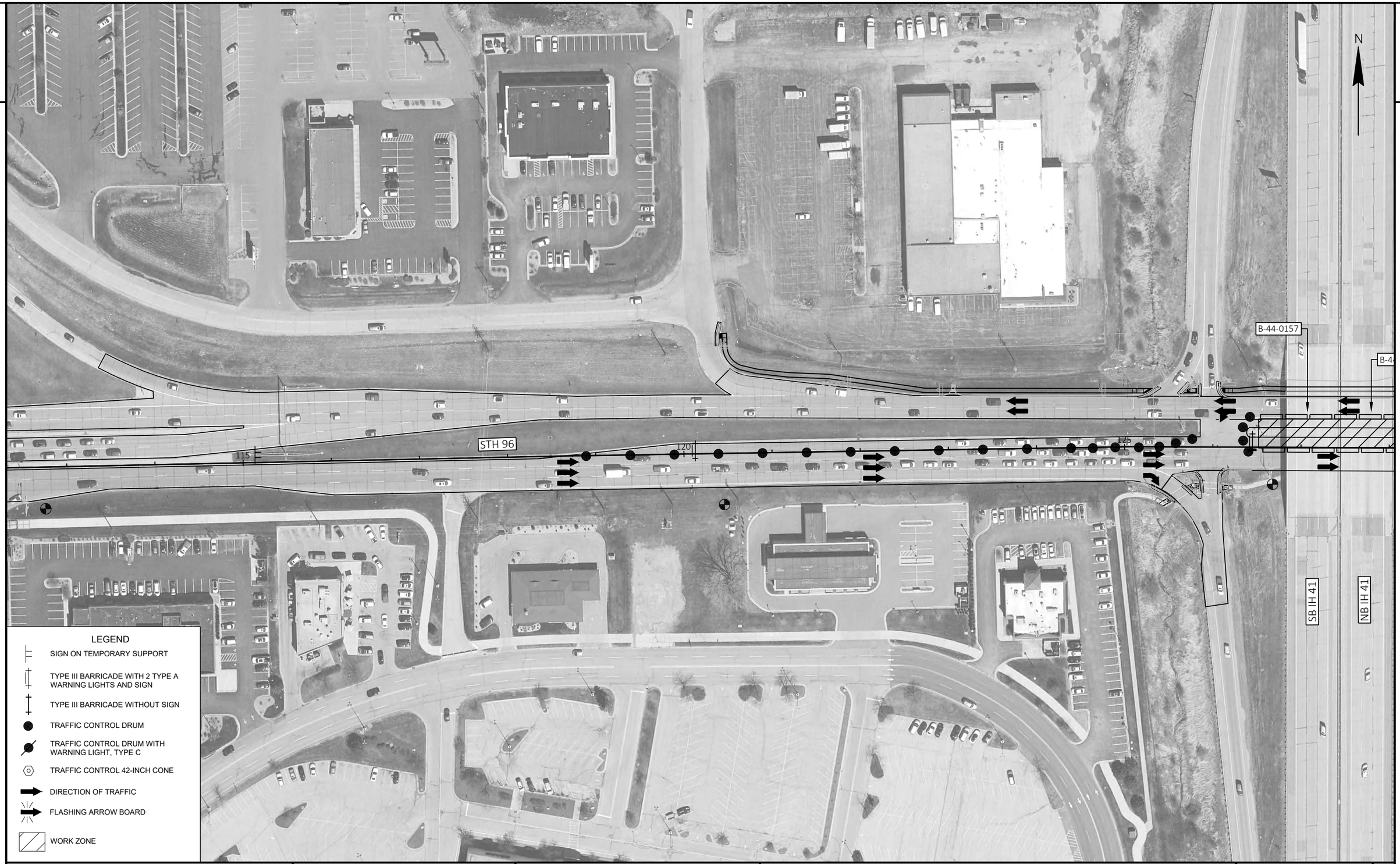
NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

TRAFFIC CONTROL PLAN SHEETS ASSUME STAGES 1A AND 1B WERE SET UP INDEPENDENTLY OF ONE ANOTHER ON SEPARATE WEEKENDS AND THAT STAGE 4 WAS SET UP DURING STAGES 1A AND 1B.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STH 96 -TYPICALS	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025003-tc
PLOT DATE : 10/20/2022 10:32 AM
PLOT BY : HILBERT, JILL A
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

2



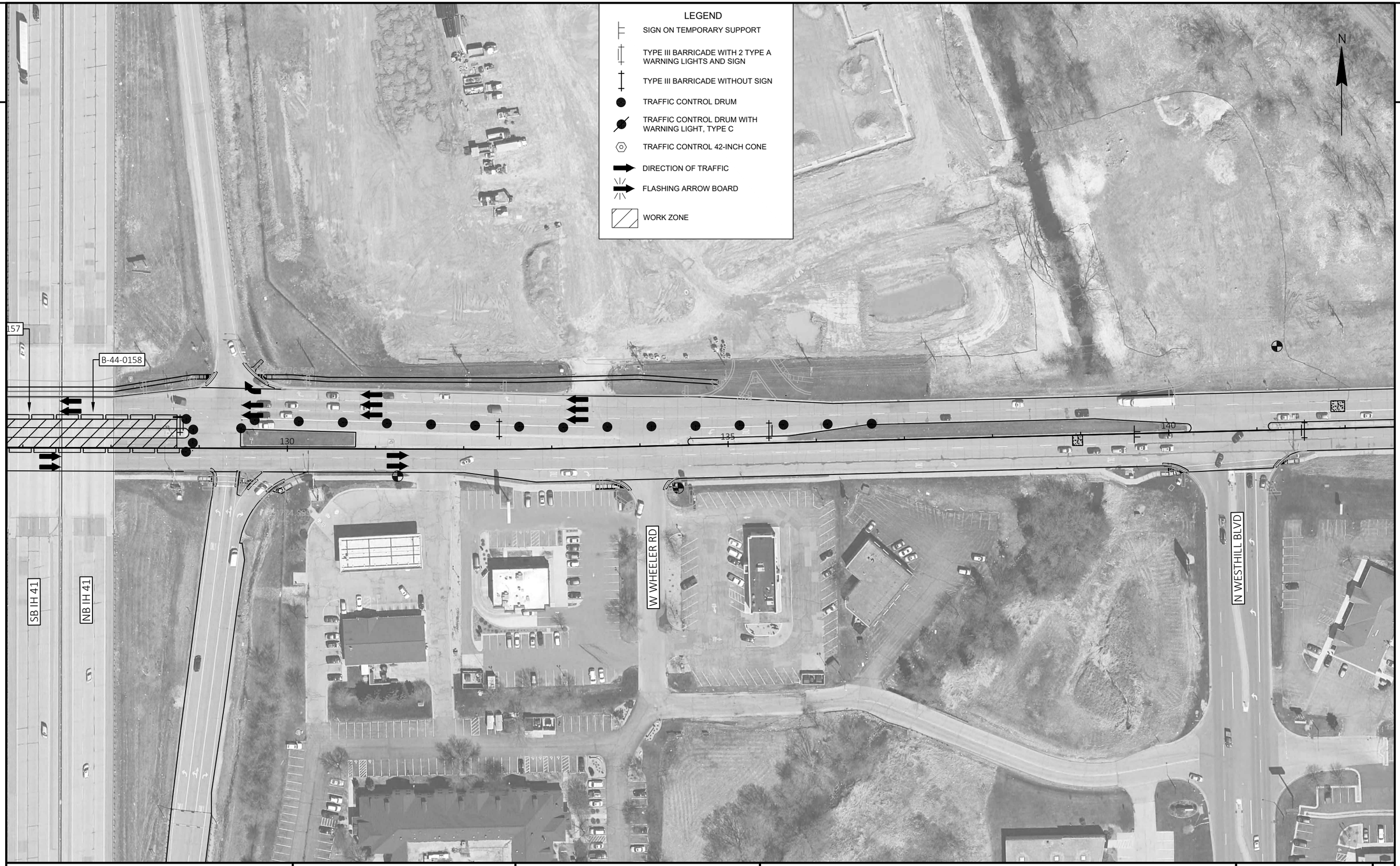
2

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025004-tc

PLOT DATE : 10/20/2022 10:32 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



2

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025005-tc

PLOT DATE : 10/20/2022 10:32 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

B-44-0157

B-44-0158

STH 96

120

125

130

SB IH 41

NB IH 41

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE WITH 2 TYPE A WARNING LIGHTS AND SIGN
- TYPE III BARRICADE WITHOUT SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT, TYPE C
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK ZONE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1A & 4	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025006-tc

PLOT DATE : 10/20/2022 10:32 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

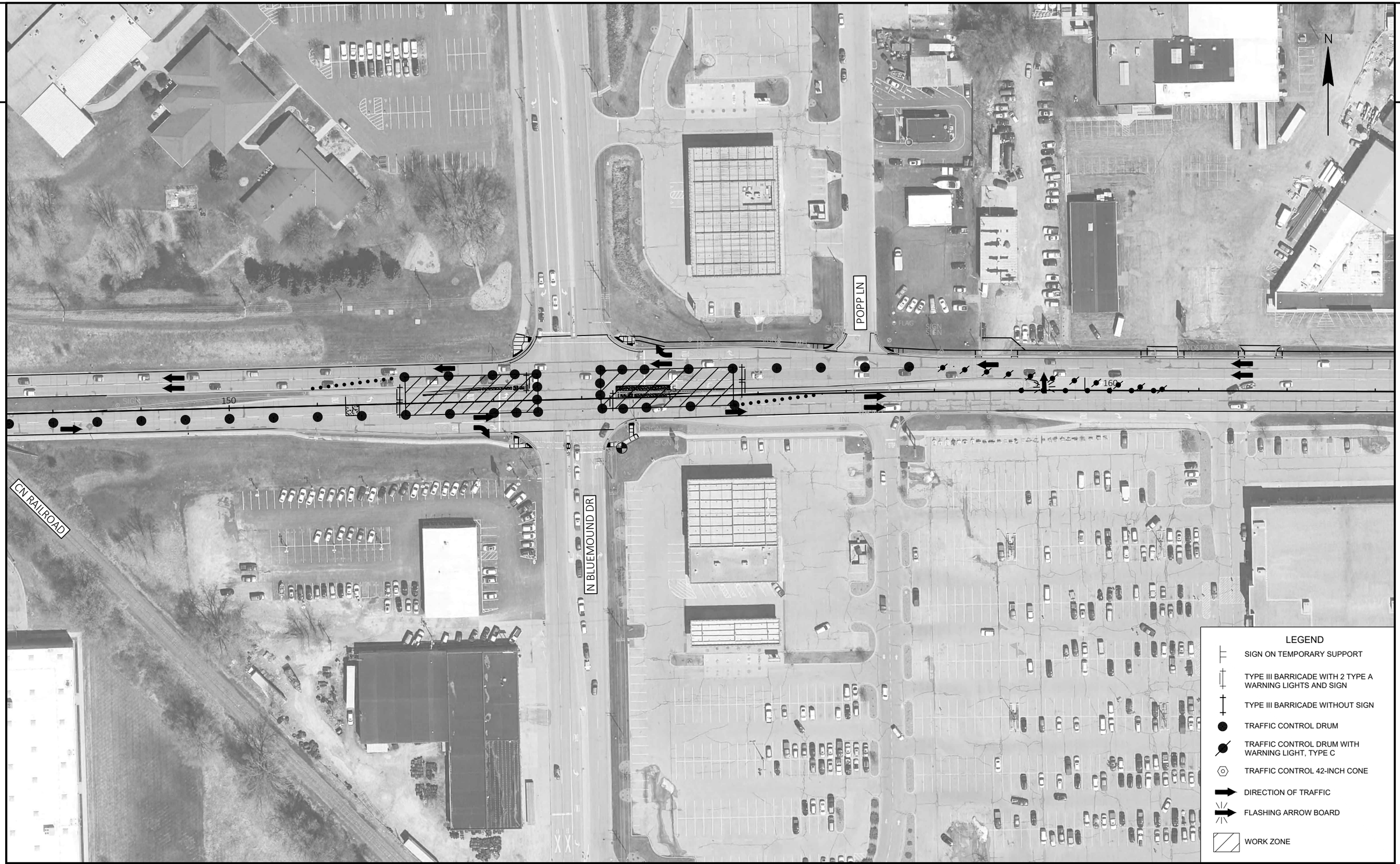
2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1A & 4	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025007-tc
PLOT DATE : 10/20/2022 10:32 AM
PLOT BY : HILBERT, JILL A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

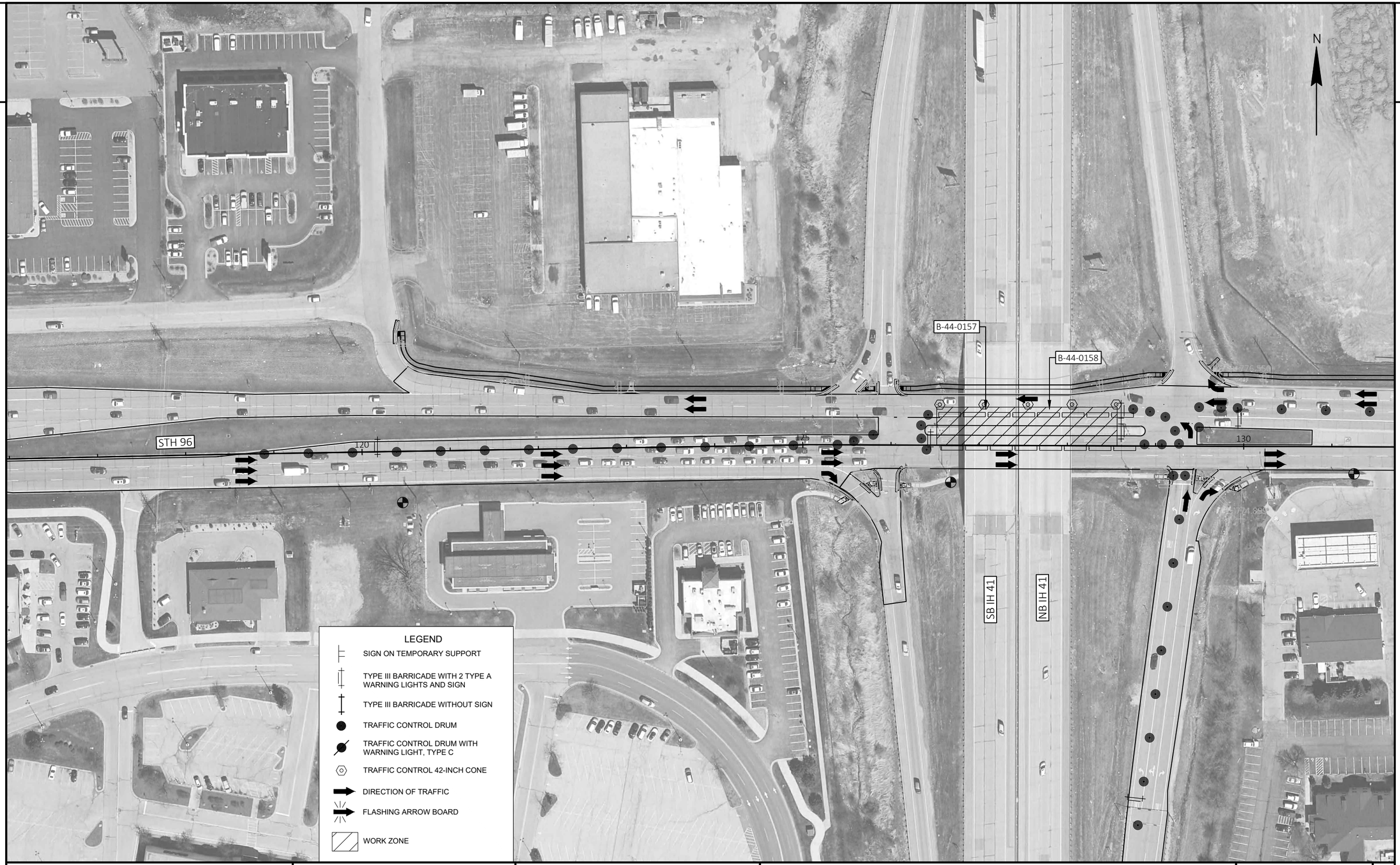


PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1A & 4	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025008-tc

PLOT DATE : 10/20/2022 10:32 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1B & 4	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025009-tc

PLOT DATE : 10/20/2022 10:33 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

2

N

135

140

145

W WHEELER RD

N WESTHILL BLVD

LEGEND

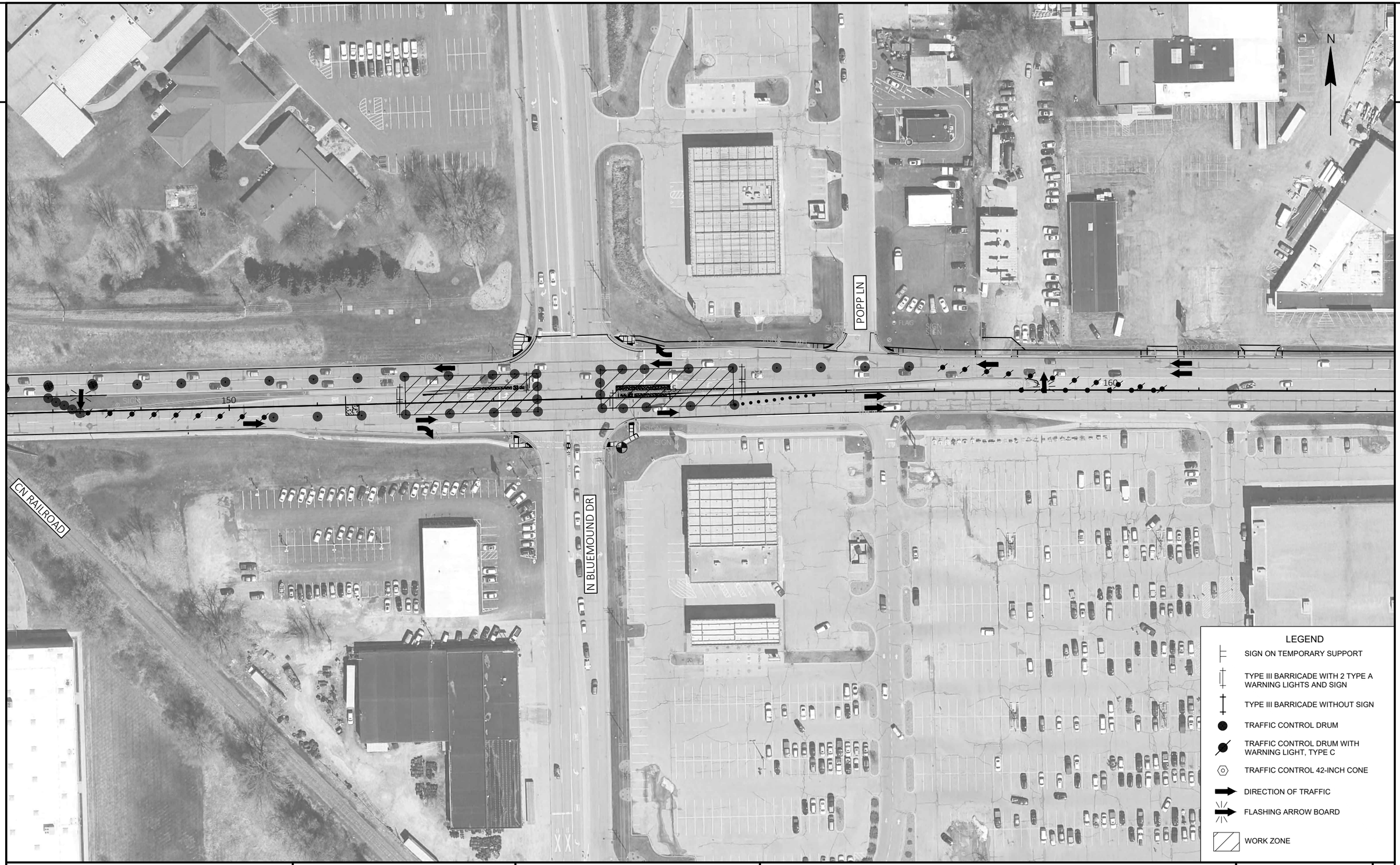
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE WITH 2 TYPE A WARNING LIGHTS AND SIGN
- TYPE III BARRICADE WITHOUT SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT, TYPE C
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK ZONE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1B & 4	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025010-tc

PLOT DATE : 10/20/2022 10:33 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



2

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1B & 4	SHEET	E

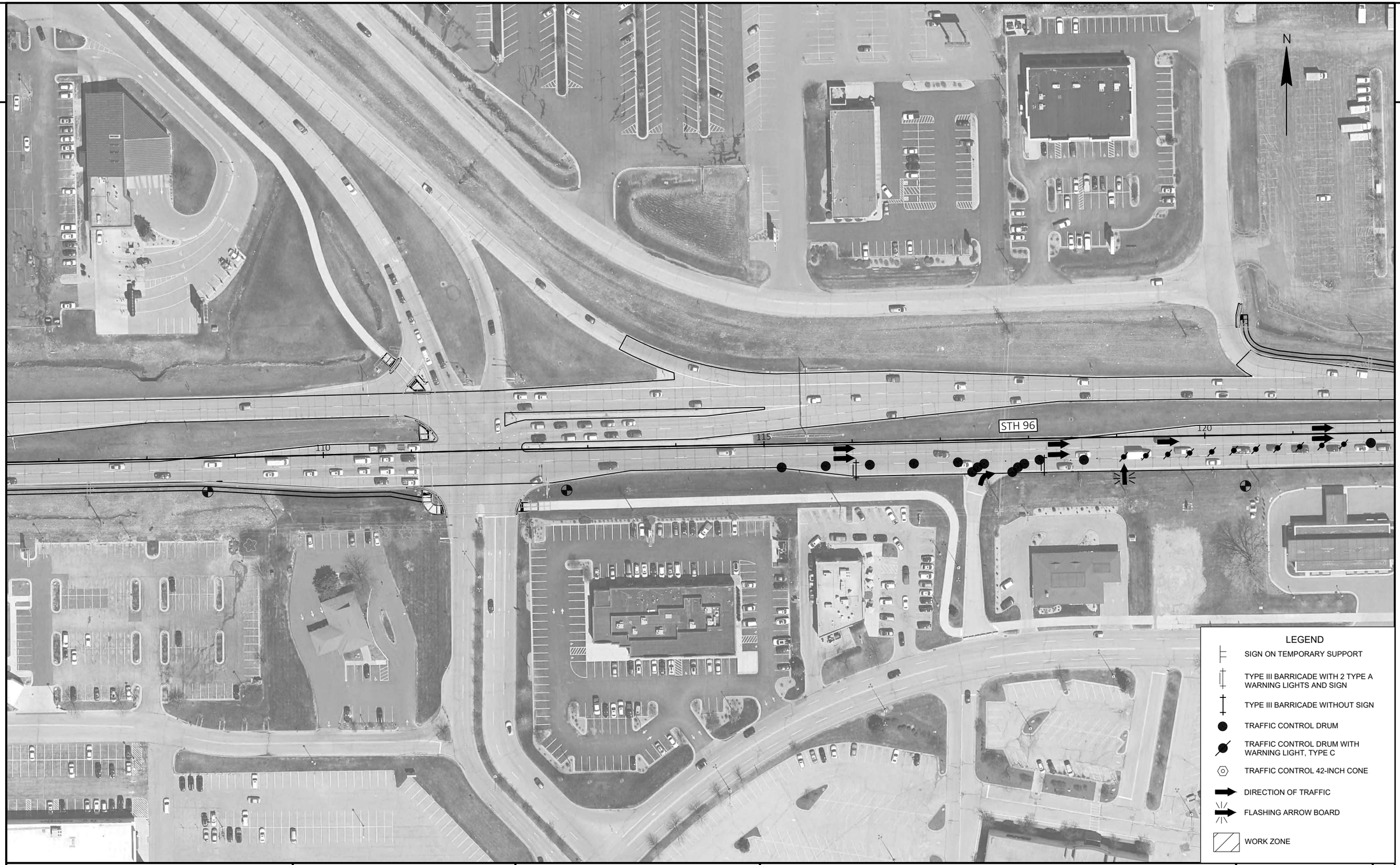
FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025011-tc

PLOT DATE : 10/20/2022 10:33 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2



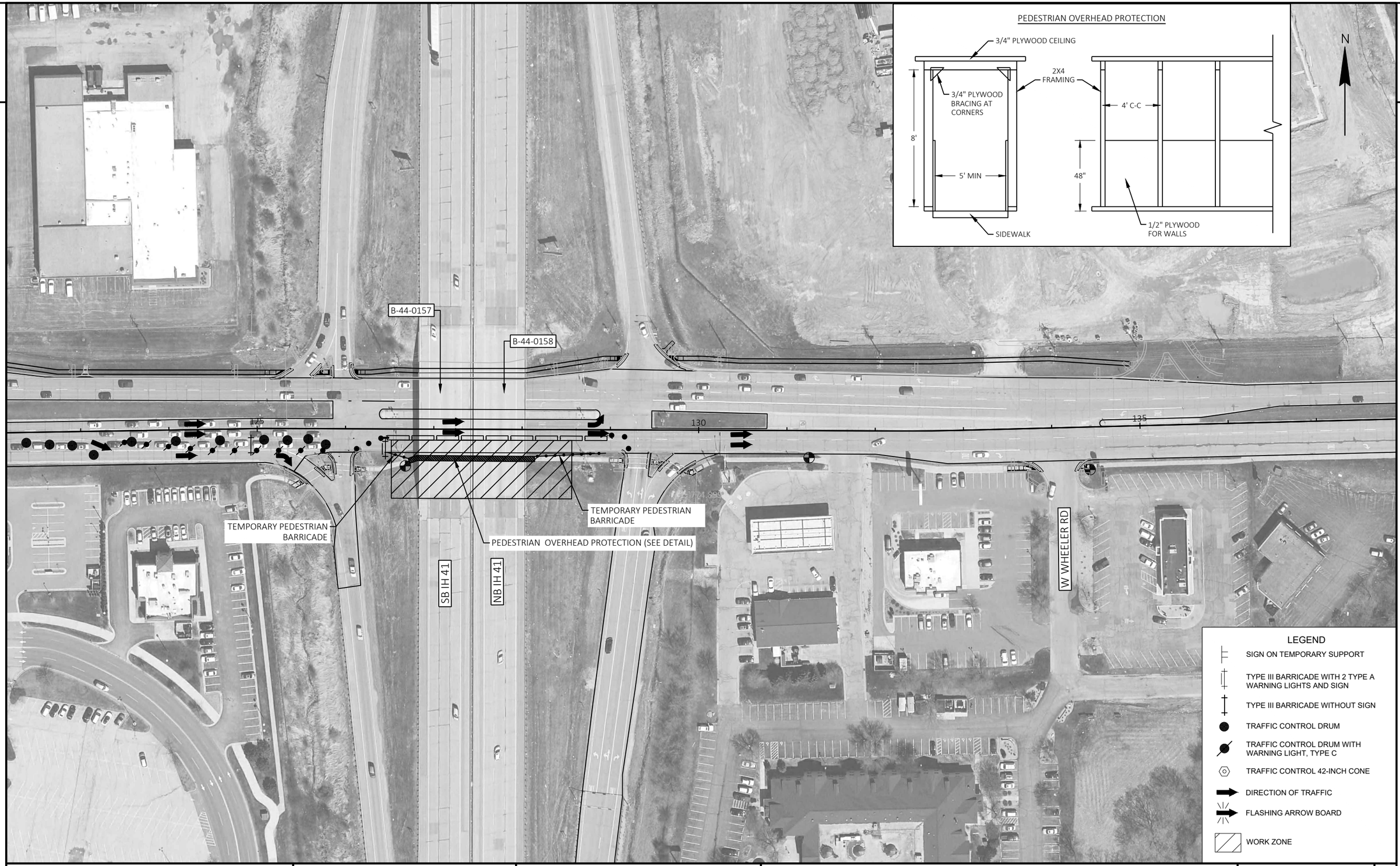
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025012-tc

PLOT DATE : 10/20/2022 10:33 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025013-tc

PLOT DATE : 10/20/2022 10:33 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

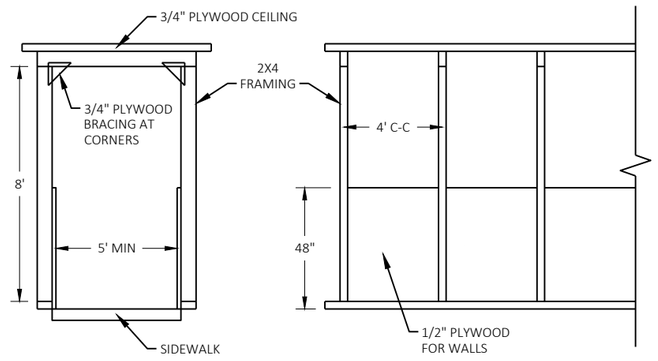
2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE WITH 2 TYPE A WARNING LIGHTS AND SIGN
- TYPE III BARRICADE WITHOUT SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT, TYPE C
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK ZONE



PEDESTRIAN OVERHEAD PROTECTION



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 3	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025014-tc

PLOT DATE : 10/20/2022 10:33 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

135

140

145

W WHEELER RD

N WESTHILL BLVD

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE WITH 2 TYPE A WARNING LIGHTS AND SIGN
- TYPE III BARRICADE WITHOUT SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT, TYPE C
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK ZONE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 3	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025015-tc

PLOT DATE : 10/20/2022 10:33 AM PLOT BY : HILBERT, JILL A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

PROPOSED PEDESTRIAN ROUTE

PROPOSED PROJECT WORKZONE

T-2 TYPE II BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

BP: 100+00.00

PI: 102+02.69

PI: 108+59.01

PI: 112+27.54

100 102 104 106 108 110 112 114

N

NOTE: PROVIDE PEDESTRIAN SIGNAGE IN ACCORDANCE WITH SDD 15D30, TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, AS NEEDED

PI: 118+56.40

PI: 125+07.90

116 118 120 122 124 126 128 130

N

PEDESTRIAN ENCLOSURE ASSOCIATED WITH THE BRIDGE PAINTING WORK. SEE TRAFFIC CONTROL PLAN SHEETS, STAGE 2, 4a, 4b. COORDINATE WITH BRIDGE PAINTING ACCORDINGLY.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP CONSTRUCTION - STAGE 1	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026001-S1

PLOT DATE : 6/16/2022 2:18 PM PLOT BY : ERDMANN, RYAN DARYL PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

PROPOSED PEDESTRIAN ROUTE

PROPOSED PROJECT WORKZONE

T-2 TYPE II BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

PC: 132+34.86

PT: 132+94.12

132 134 136 138 140 142 144

N

NOTE: PROVIDE PEDESTRIAN SIGNAGE IN ACCORDANCE WITH SDD 15D30, TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, AS NEEDED

SIDEWALK CLOSED
R9-9
24"X12"
x 1
T-2

C: 155+07.51

FLAG

PT: 159+38.24

146 148 150 152 154 156 158 160

N

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP CONSTRUCTION - STAGE 1	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026002-S1

PLOT DATE : 6/16/2022 2:19 PM PLOT BY : ERDMANN, RYAN DARYL PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

PROPOSED PEDESTRIAN ROUTE

PROPOSED PROJECT WORKZONE

T-2 TYPE II BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

PI: 176+09.77

N

162 164 166 168 170 172 174 176

NOTE: PROVIDE PEDESTRIAN SIGNAGE IN ACCORDANCE WITH SDD 15D30, TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, AS NEEDED

PI: 180+28.61

SIDEWALK CLOSED R9-9 x 1 T-2

N

178 180 182 184 186 188 190 192

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP CONSTRUCTION - STAGE 1	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026003-S1

PLOT DATE : 6/16/2022 2:19 PM PLOT BY : ERDMANN, RYAN DARYL PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP CONSTRUCTION - STAGE 1	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026004-S1

PLOT DATE : 6/16/2022 2:19 PM PLOT BY : ERDMANN, RYAN DARYL PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

LEGEND

PROPOSED PEDESTRIAN ROUTE

PROPOSED PROJECT WORKZONE

T-2 TYPE II BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

BP: 100+00.00

PI: 102+02.69

PI: 108+59.01

PI: 112+27.54

SIDEWALK CLOSED R9-9 24"X12" x 1 T-2

SIDEWALK CLOSED R9-9 24"X12" x 1 T-2

100 102 104 106 108 110 112 114

N

NOTE: PROVIDE PEDESTRIAN SIGNAGE IN ACCORDANCE WITH SDD 15D30, TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, AS NEEDED

PI: 118+56.40

PI: 125+07.90

SIDEWALK CLOSED R9-9 24"X12" x 1 T-2

116 118 120 122 124 126 128 130

N

PEDESTRIAN ENCLOSURE ASSOCIATED WITH THE BRIDGE PAINTING WORK. SEE TRAFFIC CONTROL PLAN SHEETS, STAGE 2, 4a, 4b. COORDINATE WITH BRIDGE PAINTING ACCORDINGLY.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP CONSTRUCTION - STAGE 2	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026005-S2

PLOT DATE : 6/16/2022 2:19 PM PLOT BY : ERDMANN, RYAN DARYL PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP CONSTRUCTION - STAGE 2	SHEET E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026006-S2

PLOT DATE : 6/16/2022 2:19 PM PLOT BY : ERDMANN, RYAN DARYL PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- PROPOSED PEDESTRIAN ROUTE
- PROPOSED PROJECT WORKZONE
- T-2 — TYPE II BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

PI: 176+09.77

N

162 164 166 168 170 172 174 176

SIDEWALK CLOSED R9-9 24"X12" x 1 T-2

NOTE: PROVIDE PEDESTRIAN SIGNAGE IN ACCORDANCE WITH SDD 15D30, TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, AS NEEDED

PI: 179+83.08

178 180 182 184 186 188 190 192

SIDEWALK CLOSED R9-9 24"X12" OR SIDEWALK CLOSED R9-11L 24"X12" x 1 T-2

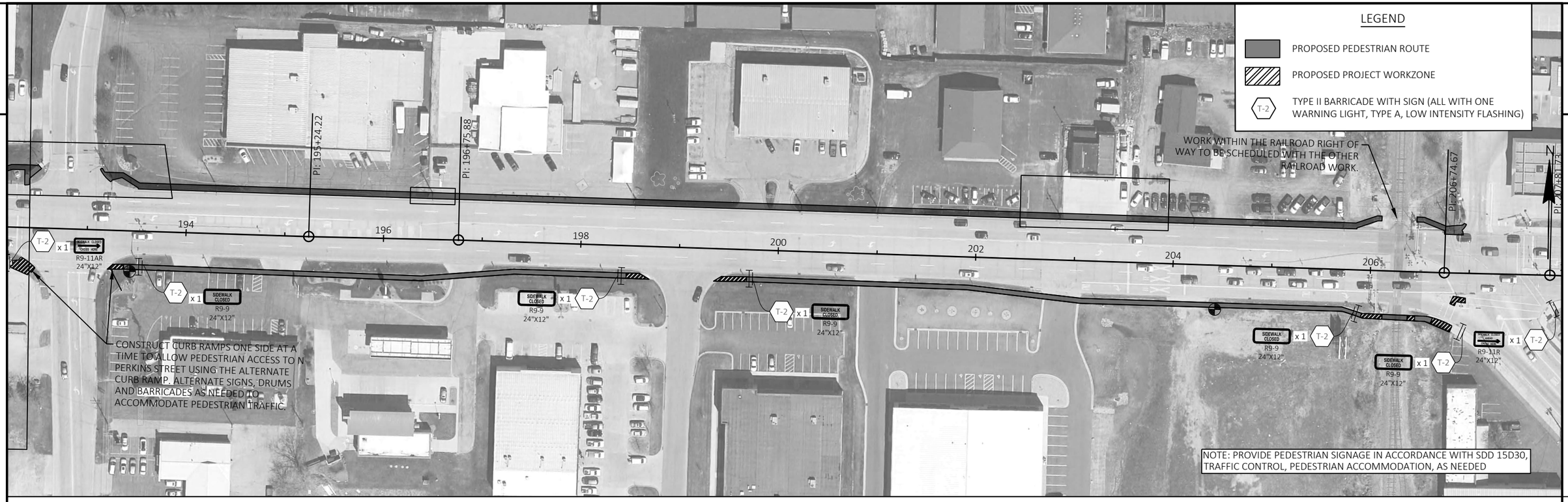
SIDEWALK CLOSED R9-11AR 24"X12" x 1 T-2

CONSTRUCT CURB RAMPS ONE SIDE AT A TIME TO ALLOW PEDESTRIAN ACCESS TO N LYNDALE DRIVE USING THE ALTERNATE CURB RAMP. ALTERNATE SIGNS, DRUMS AND BARRICADES AS NEEDED TO ACCOMMODATE PEDESTRIAN TRAFFIC.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP CONSTRUCTION - STAGE 2	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026007-S2

PLOT DATE : 6/16/2022 2:19 PM PLOT BY : ERDMANN, RYAN DARYL PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP CONSTRUCTION - STAGE 2	SHEET	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026008-S2

PLOT DATE : 6/16/2022 2:19 PM PLOT BY : ERDMANN, RYAN DARYL PLOT NAME : PLOT SCALE : ##########

LEGEND

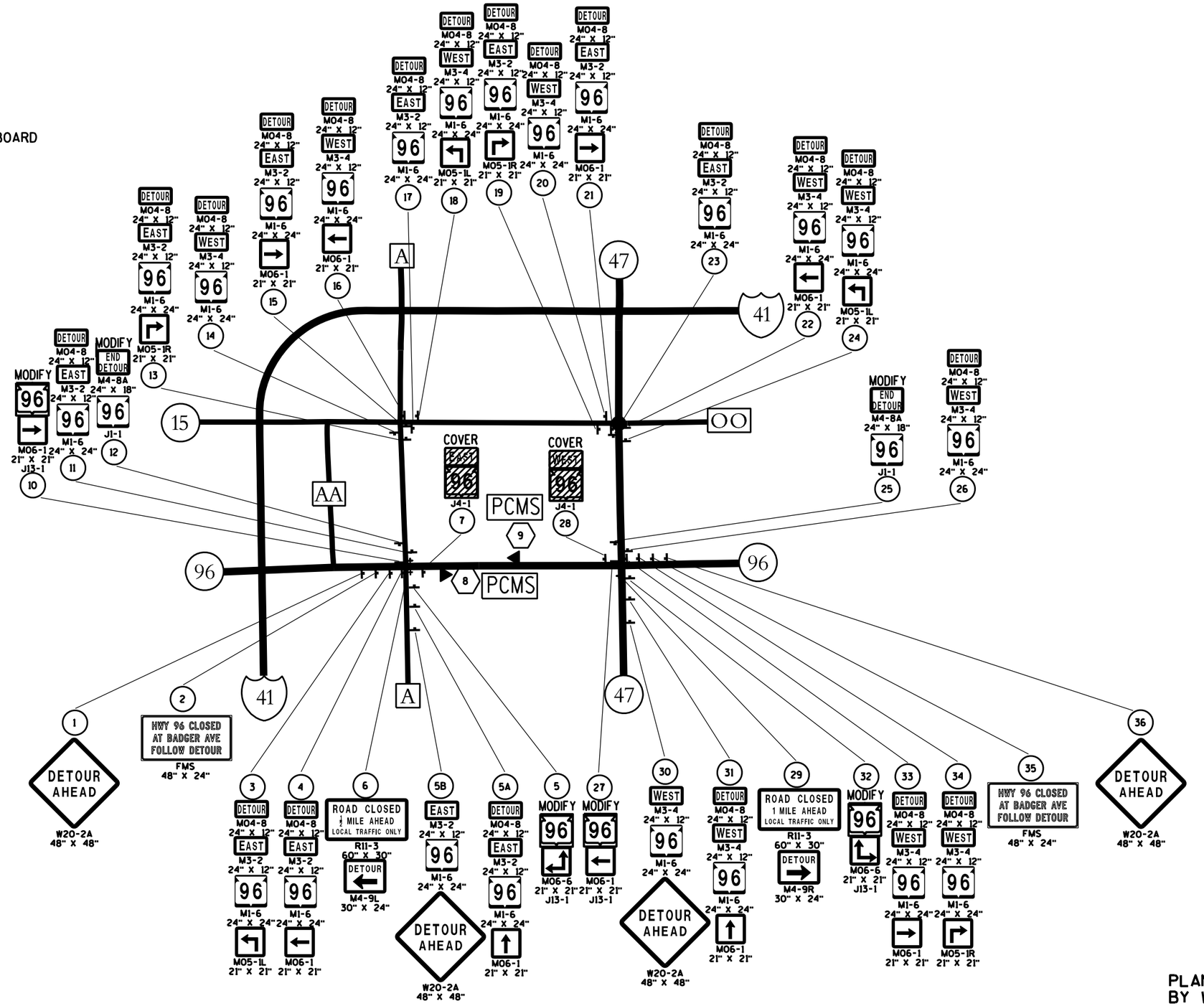
(X) SIGN NUMBER. REFER TO MISCELLANEOUS QUANTITY SHEET

SIGN MOUNTED ON TYPE III BARRICADE

POST MOUNTED SIGN

(X) CHANGEABLE PORTABLE MESSAGE BOARD

N



PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	DETOUR SIGNING DETAIL	SHEET	E

3

3

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 7 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1000 SIGNS FIXED MESSAGE SF	643.1050 PORTABLE CHANGEABLE MESSAGE SIGN EACH	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
1	STH 96, W. OF CTH A, PLACE 1500' W. OF CTH A INTERSECTION	W 20-2A	48"X48"	1	7	7							
2	STH 96, W. OF CTH A, PLACE 1000' W. OF CTH A INTERSECTION	FMS	48"X24"	1					8				SEE SIGN DETAIL SHEET
3	STH 96, W. OF CTH A, PLACE 500' W. OF CTH A INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 5-1L	21"X21"	1	7	7							
4	STH 96, AT CTH A, PLACE RIGHT OF EXISTING J13-1 SIGN AT INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 6-1	21"X21"	1	7	7							LEFT
5	CTH A, S. OF STH 96, MODIFY EXISTING J13-1 SIGN AS SHOWN	MO 6-6	21"X21"	1	7	7							LEFT-AHEAD
5A	CTH A, S. OF STH 96, PLACE 500' S. OF STH 96 INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 6-1	21"X21"	1	7	7							AHEAD
5B	CTH A, S. OF STH 96, PLACE 1000' S. OF STH 96 INTERSECTION	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	W 20-2A	48"X48"	1	7	7							
6	STH 96, AT CTH A, PLACE ON RIGHT SHOULDER IN SE QUADRANT OF INTERSECTION	R 11-3	60"X30"	1	7	7	7	14					1/2 MILE AHEAD
	"	M 4-9L	30"X24"	1	7	7							
7	STH 96, E. OF CTH A, COVER EXISTING J4-1 SIGN AS SHOWN										1	1	COVER ENTIRE SIGN
8	STH 96, W. OF RXR CROSSING, PLACE ON RIGHT SHOULDER, FIELD DETERMINE LOCATION	PCMS		1						7			PLACE IN ADVANCE OF CLOSURE
9	STH 96, E. OF RXR CROSSING, PLACE ON RIGHT SHOULDER, FIELD DETERMINE LOCATION	PCMS		1						7			PLACE IN ADVANCE OF CLOSURE
10	CTH A, AT STH 96, MODIFY EXISTING J13-1 SIGN AS SHOWN	MO 6-1	21"X21"	1	7	7							RIGHT
11	CTH A, N. OF STH 96, PLACE 250' N. OF STH 96 INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
12	CTH A, N. OF STH 96, PLACE 500' N. OF STH 96 INTERSECTION	M 4-8A	24"X18"	1	7	7							
13	CTH A, S. OF CTH OO, PLACE 500' S. OF CTH OO INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 5-1R	21"X21"	1	7	7							
14	CTH A, S. OF CTH OO, PLACE 250' S. OF CTH OO INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
15	CTH A, AT CTH OO, PLACE AT RIGHT TURN LANE TO CTH OO TAPER POINT	MO 4-8	24"X12"	1	7	7							
	"	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 6-1	21"X21"	1	7	7							RIGHT
16	CTH OO, AT CTH A, PLACE AT LEFT TURN TO CTH A TAPER POINT	MO 4-8	24"X12"	1	7	7							
	"	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 6-1	21"X21"	1	7	7							LEFT
	PAGE SUBTOTALS			42		273	7	14	8	14		1	

PLAN SHEET PRODUCED

BY WisDOT - NE REGION

3

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 7 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1000 SIGNS FIXED MESSAGE SF	643.1050 PORTABLE CHANGEABLE MESSAGE SIGN EACH	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
17	CTH OO, E. OF CTH A, PLACE 250' E. OF CTH A INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
18	CTH OO, E. OF CTH A, PLACE 1000' E. OF CTH A INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 5-1L	21"X21"	1	7	7							
19	CTH OO, W. OF STH 47, PLACE 750' W. OF STH 47 INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 5-1R	21"X21"	1	7	7							
20	CTH OO, W. OF STH 47, PLACE 250' W. OF STH 47 INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
21	CTH OO, W. OF STH 47, PLACE 100' W. OF STH 47 RAB INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 6-1	21"X21"	1	7	7							RIGHT
22	STH 47, S. OF CTH OO, PLACE 100' S. OF CTH OO RAB INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 6-1	21"X21"	1	7	7							LEFT
23	STH 47, S. OF CTH OO, PLACE 250' S. OF CTH OO RAB INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-2	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
24	STH 47, S. OF CTH OO, PLACE 500' S. OF CTH OO RAB INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 5-1L	21"X21"	1	7	7							
25	STH 47, N. OF STH 96, MODIFY EXISTING J1-1 SIGN AS SHOWN	M 4-8A	24"X18"	1	7	7							
26	STH 47, N. OF STH 96, PLACE 250' N. OF STH 96 INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
27	STH 47, AT STH 96, MODIFY EXISTING J13-1 SIGN AS SHOWN	MO 6-1	21"X21"	1	7	7							LEFT
28	STH 96, W. OF STH 47, COVER EXISTING J4-1 SIGN AS SHOWN										1	1	COVER ENTIRE SIGN
29	STH 96, AT STH 47, PLACE ON RIGHT SHOULDER IN NW QUADRANT OF INTERSECTION	R 11-3	60"X30"	1	7	7	7	14					1 MILE AHEAD
	"	M 4-9R	30"X24"	1	7	7							
30	STH 47, S. OF STH 96, PLACE 1000' S. OF STH 96 INTERSECTION	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	W 20-2A	48"X48"	1	7	7							
	PAGE SUBTOTALS			39		273	7	14	0	0		1	

PLAN SHEET PRODUCED

BY WisDOT - NE REGION

3

TRAFFIC CONTROL DETOUR SIGN SUMMARY

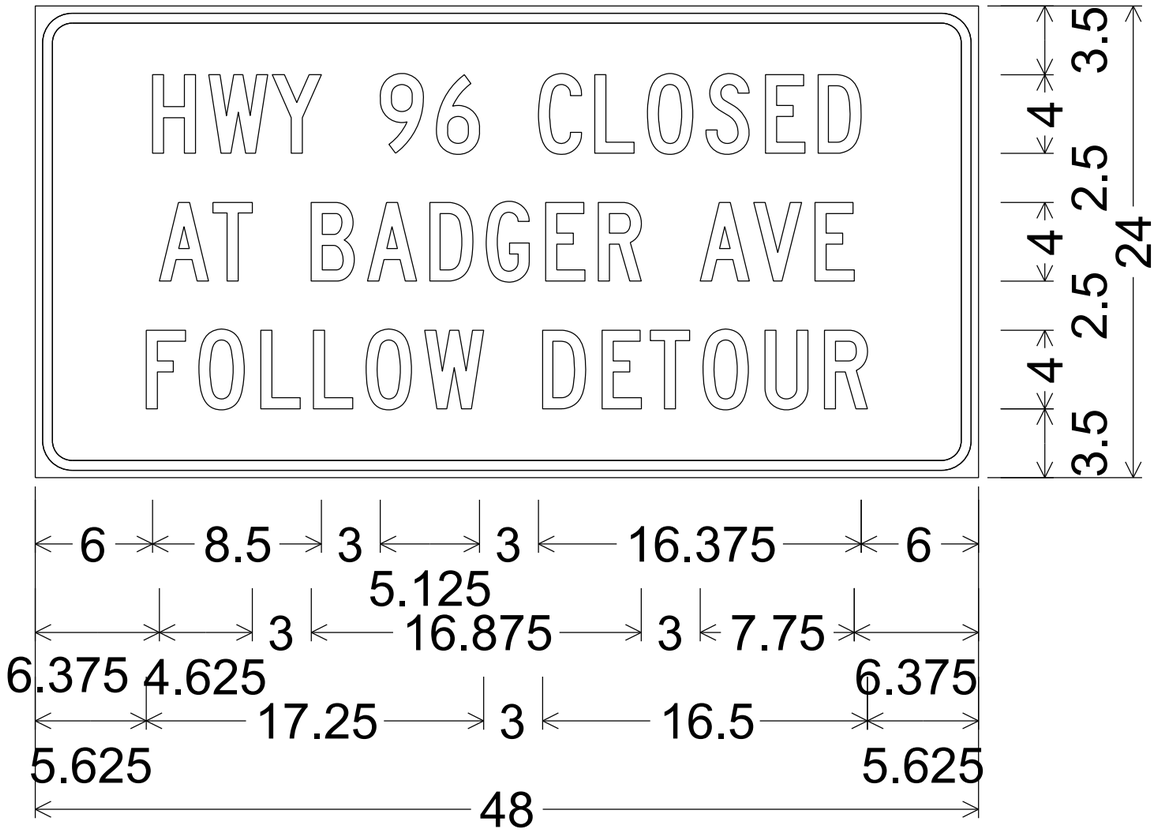
SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 7 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1000 SIGNS FIXED MESSAGE SF	643.1050 PORTABLE CHANGEABLE MESSAGE SIGN EACH	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
31	STH 47, S. OF STH 96, PLACE 500' S. OF STH 96 INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 6-1	21"X21"	1	7	7							AHEAD
32	STH 47, S. OF STH 96, MODIFY EXISTING J13-1 SIGN AS SHOWN	MO 6-6	21"X21"	1	7	7							AHEAD-RIGHT
33	STH 96, AT STH 47, PLACE RIGHT OF EXISTING J13-1 SIGN AT STH 47 INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 6-1	21"X21"	1	7	7							RIGHT
34	STH 96, E. OF STH 47, PLACE 500' E. OF STH 47 INTERSECTION	MO 4-8	24"X12"	1	7	7							
	"	M 3-4	24"X12"	1	7	7							
	"	M 1-6	24"X24"	1	7	7							96
	"	MO 5-1R	21"X21"	1	7	7							
35	STH 96, E. OF STH 47, PLACE 1000' E. OF STH 47 INTERSECTION	FMS	48"X24"	1	7	7			8				SEE SIGN DETAIL SHEET
36	STH 96, E. OF STH 47, PLACE 1500' E. OF STH 47 INTERSECTION	W 20-2A	48"X48"	1	7	7							
	PAGE SUBTOTALS			15		105	0	0	8	0		0	
	DETOUR TOTALS			**96**		**651**	**14**	**28**	**16**	**14**		**2**	

PLAN SHEET PRODUCED

BY WisDOT - NE REGION

NOTES

1. Fixed Message sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C



1.875" Radius, 0.500" Border, 0.375" Indent

7

7

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TEMPORARY SIGNING	SHEET NO:	E

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
4075-40-21
W. WISCONSIN AVE, TOWN OF GRAND CHUTE
CASALOMA DRIVE - N. BADGER AVENUE
STH 96
OUTAGAMIE COUNTY



CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE (P.L.)
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC) — W (TYPE)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING — TO BE REMOVED
BRIDGE — CULVERT

SECTION CORNER SYMBOL (1 2 23 24 26 25 35 36)
SECTION CORNER MONUMENT
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (3/4" REBAR W/PLASTIC CAP UNLESS NOTED) IP
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN (#1-25)

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE	■	□
TELEPHONE POLE	●	○
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	◆	◇

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)

PARCEL NUMBER (25)
UTILITY NUMBER (40)
ROW CURVE LABEL (C3)
PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

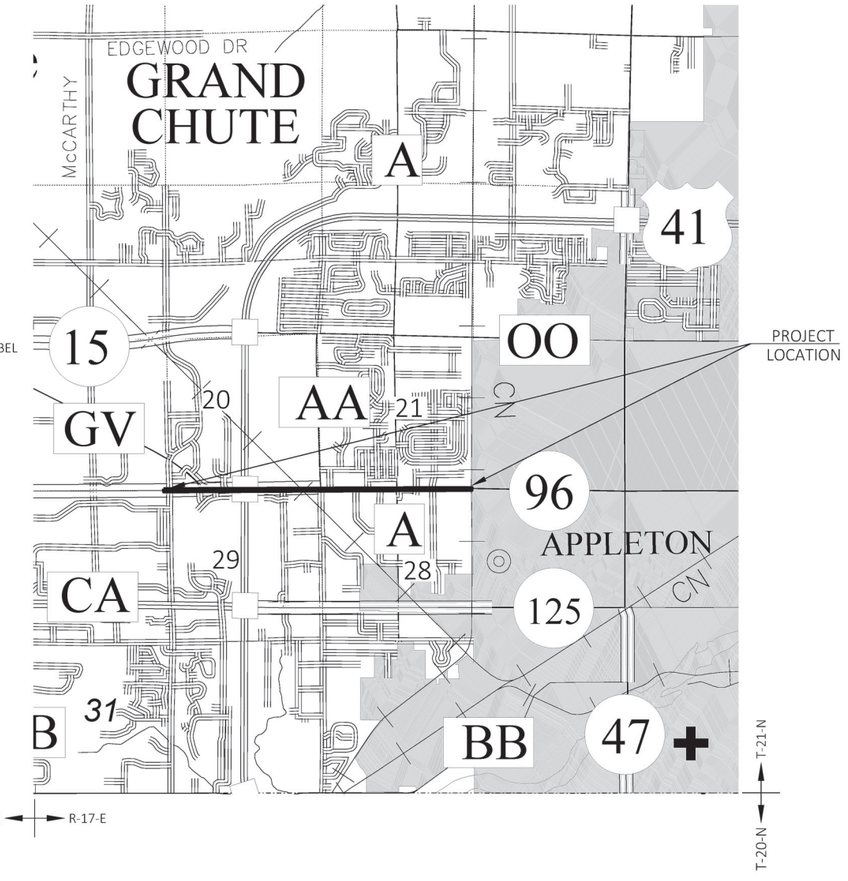
ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	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	NGS		
NUMBER	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 0.5 MI.

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 4075-40-21

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" X 24" IRON PIPES), 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 AND/OR EXISTING OCCUPATIONAL LINES.

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.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE TPP DETAIL PAGES.

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 4075-40-21 -4. 01
SHEET 2 OF 2
AMENDMENT NO:

TRANSPORTATION PROJECT PLAT NO: 4075-40-21 - 4.01

THAT PART OF LOT 4 OF CENTER VALLEY AT 3800 RECORDED AS DOCUMENT NO. 2262612 BEING IN THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4, SECTION 20; AND THAT PART OF LOT 1 AND LOT 2 CERTIFIED SURVEY MAP 270 RECORDED IN VOLUME 2 CSM ON PAGE 270 AS DOCUMENT NO. 804822 BEING IN AND INCLUDING PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, SECTION 29, ALL IN TOWNSHIP 21 NORTH, RANGE 17 EAST, TOWN OF GRAND CHUTE, OUTAGAMIE COUNTY, WISCONSIN.

RELOCATION ORDER STH 96 W. WISCONSIN AVE, TOWN OF GRAND CHUTE (CASALOMA DRIVE - N. BADGER AVENUE), OUTAGAMIE 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.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	FEE R/W SQ FT, REQUIRED			TLE SQFT
			NEW	EXISTING	TOTAL	
1	GREENE DEVELOPMENT-APPLETON, LLC	TLE	-	-	-	106
2	L & S 12TH ST. PROPERTIES, LLC COMFORT INN SUITES	FEE & TLE	59	-	59	452
3	WEBER HEIGHTS	FEE & TLE	34	-	34	233
40	REALITY INCOME PROPERTIES 6, LLC	FEE & TLE	3	-	3	71

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83 (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 1" X 24" IRON PIPES), 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 GREEN BAY.

EXISTING RIGHT OF WAY FOR STH 96 ESTABLISHED FROM PREVIOUS PROJECTS 4075-19-21 AND 1502-01-21, AND DIVISION JOB 3443.

EXISTING RIGHT OF WAY FOR IH-41 ESTABLISHED FROM PREVIOUS PROJECT 1120-55-00.

EXISTING RIGHT OF WAY FOR N WESTHILL BOULEVARD FROM CSM 1192, DOCUMENT NO. 2140176, AND WESTHILL EAST SUBDIVISION.

EXISTING ACCESS CONTROL FOR STH 96 ESTABLISHED FROM PREVIOUS PROJECT F03-2(46) AND CENTER VALLEY AT 3800.

EXISTING ACCESS CONTROL FOR IH-41 ESTABLISHED FROM STATE HIGHWAY COMMISSION IN VOLUME 405, PAGES 255-266 IN DOCUMENT NO. 445220.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE

REFER TO SHEET 2 OF 2 OF THIS DOCUMENT FOR ADDITIONAL INFORMATION.

R/W STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS
100	130+89.67	84.58' LT	566422.773	812178.150
101	138+73.31	90.03' LT	566443.248	812958.942
102	138+73.30	115.02' LT	566468.236	812958.287
103	140+14.48	115.08' LT	566471.937	813099.419
104	140+76.96	114.90' LT	566473.369	813161.879
105	140+76.79	15.10' LT	566373.604	813164.295
106	140+76.65	0.00'	566358.504	813164.538
107	140+75.82	85.08' RT	566273.435	813165.907
108	140+34.78	84.91' RT	566272.539	813124.875
109	138+45.70	84.99' RT	566267.583	812935.858
110	137+45.68	45.02' RT	566304.948	812834.846
111	136+18.05	45.07' RT	566301.602	812707.254
112	136+03.51	46.53' RT	566299.774	812692.760
113	134+47.00	46.61' RT	566295.646	812536.305
114	134+47.00	47.70' RT	566294.558	812536.333
115	133+48.00	47.50' RT	566292.203	812437.361
116	133+48.00	46.57' RT	566293.129	812437.337
117	132+70.08	46.13' RT	566291.695	812358.877
118	132+04.46	37.03' RT	566300.728	812292.480
119	130+17.44	42.64' RT	566295.824	812105.435
120	130+41.65	0.00'	566338.376	812129.809
121	130+46.33	8.25' LT	566346.604	812134.521

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
T150	130+87.04	87.01' LT
T151	131+74.00	87.11' LT
T152	134+57.52	46.61' RT
T153	134+52.38	53.21' RT
T154	134+38.02	54.94' RT
T155	133+43.67	53.76' RT
T156	133+43.80	46.54' RT

COURSE TABLE

COURSE	BEARING	DISTANCE
100-101	N88° 29'52"E	781.06'
	(S88° 29'50"W)	*(781.16')*
101-102	N01° 30'08"W	25.00'
	(S01° 30'10E")	*(25.00')*
102-103	N88° 29'52"E	141.18'
	(S88° 29'50"W)	*(141.18')*
103-104	N88° 41'12"E	62.48'
104-105	S01° 23'13"E	99.79'
105-106	S00° 55'20"E	15.10'
106-107	S00° 55'20"E	85.08'
107-108	S88° 44'59"W	41.04'
108-109	S88° 29'52"W	189.08'
109-110	N69° 42'01"W	107.70'
110-111	S88° 29'52"W	127.64'
111-112	S82° 48'50"W	14.61'
	(N82° 48'50"E)	*(14.62')*
112-113	S88° 29'19"W	156.51'
113-114	S01° 28'47"E	1.09'
114-115	S88° 38'13"W	99.00'
115-116	N01° 28'47"W	0.93'
116-117	S88° 57'10"W	78.47'
117-118	N82° 15'08"W	67.01'
118-119	S88° 29'52"W	187.11'
119-120	N29° 48'12"E	49.04'
120-121	N29° 48'12"E	9.48'
121-100	N29° 48'12"E	87.78'

SCHEDULE OF SIGN STRUCTURES

SIGN NUMBER	SIGN OWNER	OASIS NUMBER
2-1	COMFORT INN SUITES L&S 12TH ST PROPERTIES LLC	-

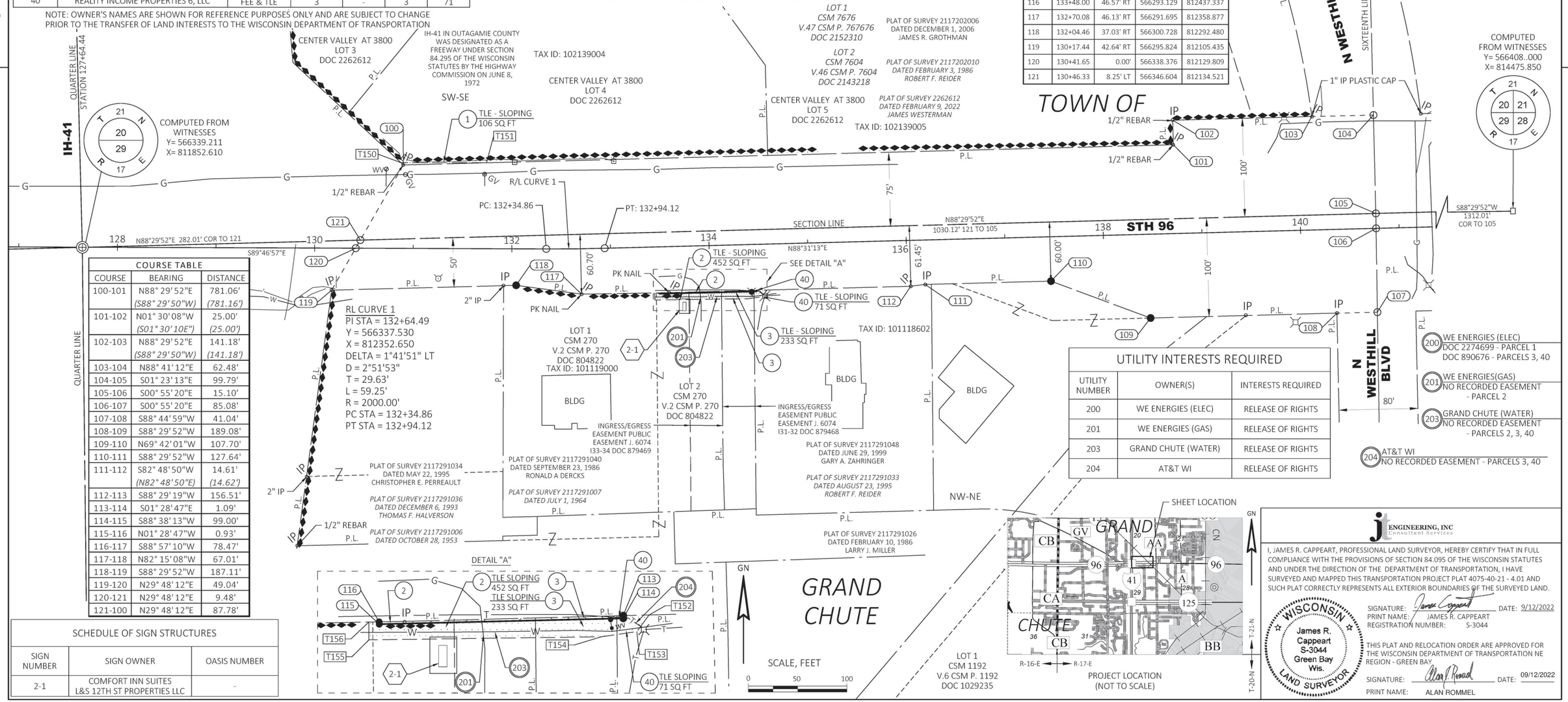
UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER(S)	INTERESTS REQUIRED
200	WE ENERGIES (ELEC)	RELEASE OF RIGHTS
201	WE ENERGIES (GAS)	RELEASE OF RIGHTS
203	GRAND CHUTE (WATER)	RELEASE OF RIGHTS
204	AT&T WI	RELEASE OF RIGHTS

Document #: **2278814**
Date: **09-13-2022** Time: **11:13 AM**
Pages: **2** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded
Return to:
WisDOT - NE Region - Green Bay - PO#39500-000002

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4075-40-21 - 4.01
SHEET 1 OF 2



JT ENGINEERING, INC Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT 4075-40-21 - 4.01 AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 9/12/2022
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION NE REGION - GREEN BAY.

SIGNATURE: _____ DATE: 09/12/2022
PRINT NAME: ALAN ROMMEL

FILE NAME : X:\PROJECTS\OUTAGAMIE\210034 STH 96 CASLOMA TO BADGER TPPS\DESIGN\C3D\RW\DWG\040101-RP.DWG
APPRAISAL PLAT DATE : 9/12/2022
PLOT DATE : 9/12/2022 10:35 AM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE :

TRANSPORTATION PROJECT PLAT NO: 4075-40-21 - 4.02

THAT PART OF LOT 1 CERTIFIED SURVEY MAP 3406 RECORDED IN VOLUME 18 CSM ON PAGE 3406 AS DOCUMENT NO. 1312492, AND THAT PART OF LOT 2 OF CERTIFIED SURVEY MAP 715 RECORDED IN VOLUME 4 CSM ON PAGE 715 AS DOCUMENT NO. 988130, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 6403 RECORDED IN VOLUME 38 ON PAGE 6403 AS DOCUMENT NO. 1937390, AND THAT PART OF LOT 1 CERTIFIED SURVEY MAP 7419 IN VOLUME 44 CSM ON PAGE 7419 AS DOCUMENT NO. 2112570, BEING IN AND INCLUDING PART OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4, SECTION 21; AND THAT PART OF LOT 1 AND LOT 2 OF CERTIFIED SURVEY MAP 5513 RECORDED IN VOLUME 32 CSM ON PAGE 5513 AS DOCUMENT NO. 1734454 BEING IN AND INCLUDING THAT PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4, SECTION 28, ALL IN TOWNSHIP 21 NORTH, RANGE 17 EAST, TOWN OF GRAND CHUTE, OUTAGAMIE COUNTY, WISCONSIN.

RELOCATION ORDER STH 96 W. WISCONSIN AVE, TOWN OF GRAND CHUTE (CASALOMA DRIVE - N. BADGER AVENUE), OUTAGAMIE 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), OUTAGAMIE COUNTY, NAD83 (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 1" X 24" IRON PIPES), 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 GREEN BAY.

EXISTING RIGHT OF WAY FOR STH 96 ESTABLISHED FROM PREVIOUS PROJECTS E0-0(48), T 019-4(5), 4075-19-21, AND 1502-01-21, CSM 3406, CSM 715, CSM 6403, CSM 7419, AND CSM 5513.

EXISTING RIGHT OF WAY FOR N BLUEMOUND DR(CTH AA) ESTABLISHED FROM PREVIOUS PROJECT E0-0(48), GRAND CHUTE PROJECT G006-98785.22, CSM 5513, AND CSM 3406.

EXISTING RIGHT OF WAY FOR POPP LN ESTABLISHED FROM CSM 715 AND CSM 3406.

EXISTING RIGHT OF WAY FOR W ELBERG AVE ESTABLISHED FROM CSM 4949 AND 5513.

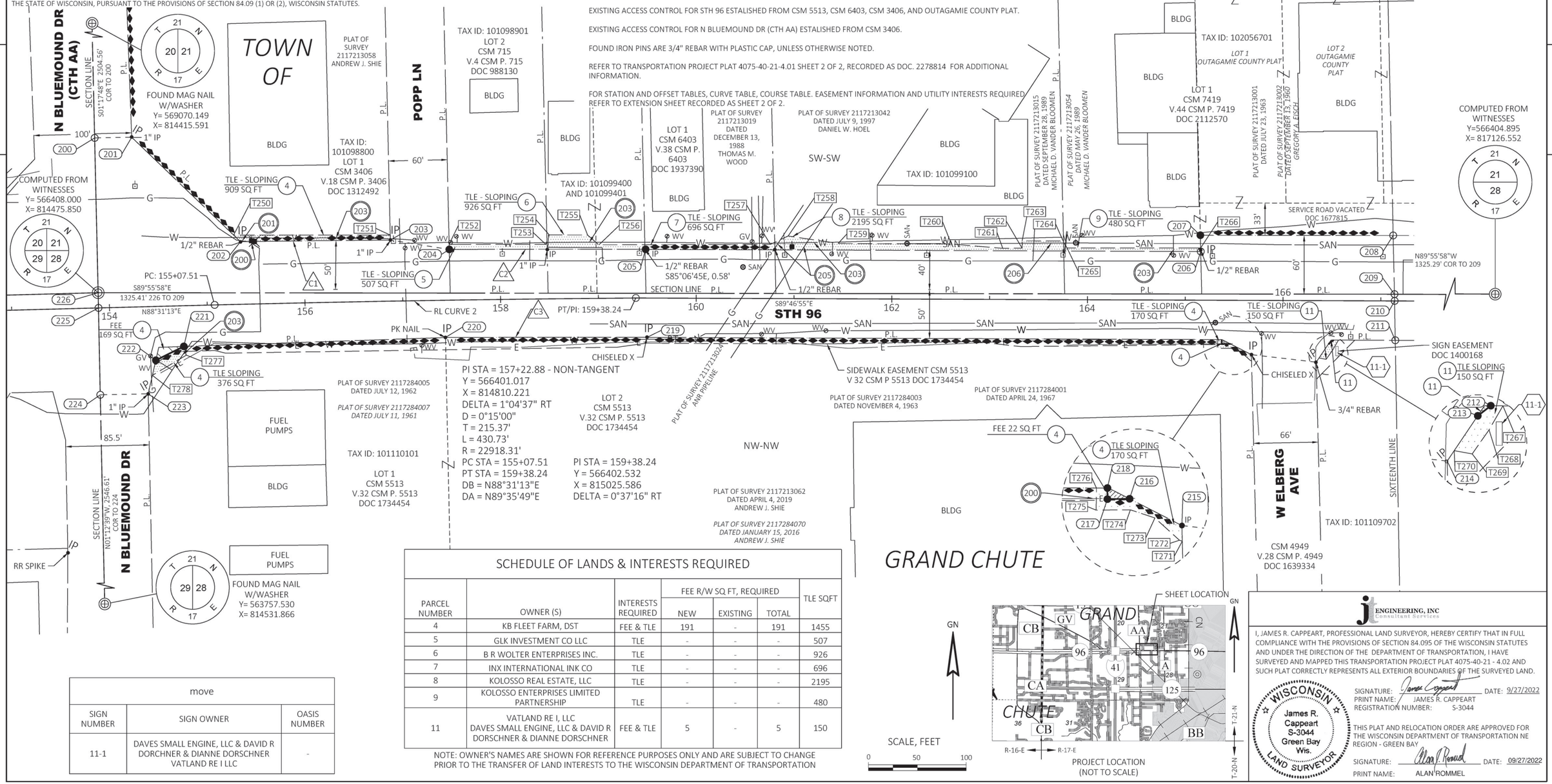
EXISTING ACCESS CONTROL FOR STH 96 ESTALISHED FROM CSM 5513, CSM 6403, CSM 3406, AND OUTAGAMIE COUNTY PLAT.

EXISTING ACCESS CONTROL FOR N BLUEMOUND DR (CTH AA) ESTALISHED FROM CSM 3406.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

REFER TO TRANSPORTATION PROJECT PLAT 4075-40-21-4.01 SHEET 2 OF 2, RECORDED AS DOC. 2278814 FOR ADDITIONAL INFORMATION.

FOR STATION AND OFFSET TABLES, CURVE TABLE, COURSE TABLE. EASEMENT INFORMATION AND UTILITY INTERESTS REQUIRED REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	FEE R/W SQ FT, REQUIRED NEW	EXISTING	TOTAL	TLE SQFT
4	KB FLEET FARM, DST	FEE & TLE	191	-	191	1455
5	GLK INVESTMENT CO LLC	TLE	-	-	-	507
6	B R WOLTER ENTERPRISES INC.	TLE	-	-	-	926
7	INX INTERNATIONAL INK CO	TLE	-	-	-	696
8	KOLOSSO REAL ESTATE, LLC	TLE	-	-	-	2195
9	KOLOSSO ENTERPRISES LIMITED PARTNERSHIP	TLE	-	-	-	480
11	VATLAND RE I, LLC DAVES SMALL ENGINE, LLC & DAVID R DORSCHNER & DIANNE DORSCHNER	FEE & TLE	5	-	5	150

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

move		
SIGN NUMBER	SIGN OWNER	OASIS NUMBER
11-1	DAVES SMALL ENGINE, LLC & DAVID R DORCHNER & DIANNE DORSCHNER VATLAND RE I LLC	-

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County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4075-40-21 - 4.02
SHEET 1 OF 2

JJ ENGINEERING, INC Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT 4075-40-21 - 4.02 AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 9/27/2022
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION NE REGION - GREEN BAY

SIGNATURE: _____ DATE: 09/27/2022
PRINT NAME: ALAN ROMMEL

FILE NAME : X:\PROJECTS\OUTAGAMIE\210034 STH 96 CASLOMA TO BADGER TPPS\DESIGN\C3D\RW\DWG\040101-RP.DWG
PLOT DATE : 9/27/2022 1:32 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE :
APPRAISAL PLAT DATE : 9/27/2022

TRANSPORTATION PROJECT PLAT NO: 4075-40-21 - 4.02
EXTENSION SHEET

RELOCATION ORDER STH 96 W. WISCONSIN AVE, TOWN OF GRAND CHUTE (CASALOMA DRIVE - N. BADGER AVENUE), OUTAGAMIE COUNTY

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 4075-40-21 - 4.01 RECORDED AS DOC. 2278814

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

4

R/W POINT TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
200	153+89.31	173.88' LT	566566.229	814472.268
201	154+27.25	173.56' LT	566566.882	814510.205
202	155+35.56	64.02' LT	566460.162	814621.391
203	156+88.37	62.42' LT	566461.821	814774.624
204	157+48.29	51.79' LT	566452.193	814834.857
205	159+48.09	49.80' LT	566452.293	815035.632
206	165+15.64	49.76' LT	566450.095	815603.172
207	165+15.20	66.34' LT	566466.680	815602.796
208	167+12.35	66.86' LT	566466.449	815799.952
209	167+13.90	6.87' LT	566406.447	815801.266
210	167+14.04	0.00'	566399.579	815801.388
211	167+14.91	40.25' RT	566359.324	815802.100
212	166+51.88	40.25' RT	566359.568	815739.074
213	166+46.55	44.38' RT	566355.457	815733.727

R/W POINT TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
214	166+34.13	62.93' RT	566336.953	815721.235
215	165+67.88	55.46' RT	566344.681	815655.017
216	165+46.45	44.61' RT	566355.612	815633.630
217	165+37.40	44.77' RT	566355.478	815624.574
218	165+37.38	40.24' RT	566360.012	815624.574
219	159+49.82	40.20' RT	566362.287	815037.019
220	157+43.00	38.08' RT	566362.247	814830.958
221	154+75.00	41.57' RT	566353.056	814563.498
222	154+46.02	55.00' RT	566338.886	814534.870
223	154+37.27	89.20' RT	566304.470	814527.011
224	153+88.31	88.83' RT	566303.573	814478.057
225	153+88.73	0.00'	566392.388	814476.180
226	153+88.80	15.62' LT	566408.000	814475.850

COURSE TABLE		
COURSE	BEARING	DISTANCE
226-200	N01° 17' 48"W	158.27'
200-201	N89° 00' 54"E	37.94'
201-202	S46° 10' 27"E (N47° 13' 32"W)	154.12' (154.17')
202-203	SEE CURVE TABLE C1	
203-204	S80° 55' 07"E	61.00'
204-205	SEE CURVE TABLE C2	
205-206	S89° 46' 41"E	567.54'
206-207	N01° 17' 58"W	16.59'
207-208	S89° 55' 58"E	197.16'
208-209	S01° 15' 15"E	60.02'
209-210	S01° 00' 50"E	6.87'
210-211	S01° 00' 50"E	40.26'
211-212	N89° 46' 41"W	63.03'
212-213	S52° 26' 43"W	6.74'

COURSE TABLE		
COURSE	BEARING	DISTANCE
213-214	S34° 01' 27"W	22.33'
214-215	N83° 20' 38"W	66.67'
215-216	N62° 55' 43"W	24.02'
216-217	S89° 09' 22"W	9.06'
217-218	N00° 00' 00"E	4.53'
218-219	N89° 46' 41"W	587.56'
219-220	SEE CURVE TABLE C3	
220-221	S88° 01' 55"W	267.62'
221-222	S63° 39' 57"W	31.94'
222-223	S12° 51' 46"W	35.30'
223-224	S88° 57' 03"W	48.96'
224-225	N01° 12' 39"W	88.83'
225-226	N01° 12' 39"W	15.62'

CURVE TABLE					
CURVE	COURSE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	202-203	153.24' (153.20')	22968.31' (22968.31')	N89°22'46"E (S88°19'27"W)	153.24' (153.20')
C2	204-205	200.78'	22958.31'	N89°58'17"E	200.78'
C3	219-220	205.99' (205.99')	22868.31' (22868.31')	S89°57'53"W (N89°57'53"W)	205.98' (205.98')

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T250	155+28.77	70.89' LT
T251	156+88.35	67.46' LT
T252	157+48.25	57.01' LT
T253	158+46.85	55.71' LT
T254	158+50.50	65.31' LT
T255	158+89.64	64.78' LT
T256	159+00.99	54.69' LT
T257	160+75.63	55.41' LT
T258	160+93.77	63.99' LT
T259	161+44.99	56.61' LT
T260	162+60.65	56.46' LT
T261	163+13.20	52.27' LT
T262	163+33.00	52.52' LT
T263	163+33.00	59.95' LT
T264	163+74.94	60.00' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T265	163+78.98	52.86' LT
T266	165+15.54	53.38' LT
T267	166+56.86	40.25' RT
T268	166+51.20	50.09' RT
T269	166+44.35	59.94' RT
T270	166+37.00	58.65' RT
T271	165+68.07	61.86' RT
T272	165+66.89	61.45' RT
T273	165+56.83	52.40' RT
T274	165+46.80	49.10' RT
T275	165+32.81	49.28' RT
T276	165+32.88	40.24' RT
T277	154+77.33	50.54' RT
T278	154+42.11	70.27' RT

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTERESTS REQUIRED
200	WE ENERGIES (ELEC)	RELEASE OF RIGHTS
201	WE ENERGIES (GAS)	RELEASE OF RIGHTS
202	SPECTRUM	RELEASE OF RIGHTS
203	GRAND CHUTE (WATER)	RELEASE OF RIGHTS
204	AT&T WI	RELEASE OF RIGHTS
205	ANR	RELEASE OF RIGHTS
206	GRAND CHUTE (SAN)	RELEASE OF RIGHTS

(200) WISCONSIN MICHIGAN POWER COMPANY
DOC 581898 - PARCEL 8
DOC 581898 - PARCEL 9

(200) WE ENERGIES (ELEC)
NO RECORDED EASEMENT - PARCEL 4

(200) WISCONSIN ELECTRIC POWER COMPANY
DOC 904142 - PARCEL 6
DOC 1618703 - PARCEL 4
DOC 1667996 - PARCEL 4

(201) WE ENERGIES (GAS)
NO RECORDED EASEMENT - PARCEL 4

(202) TIME WARNER ENTERTAINMENT COMPANY, L.P.
DOC 1618703 - PARCEL 4

(203) GRAND CHUTE (WATER)
NO RECORDED EASEMENT - PARCEL 4
NO RECORDED EASEMENT - PARCEL 6
NO RECORDED EASEMENT - PARCEL 8
NO RECORDED EASEMENT - PARCEL 9
DOC 1618703 - PARCEL 4

(204) WISCONSIN BELL, INC.
DOC 1618703 - PARCEL 4

(205) MICHIGAN WISCONSIN PIPELINE COMPANY
DOC 422673 - PARCEL 7
DOC 422673 - PARCEL 8

(206) GRAND CHUTE (SANITARY)
NO RECORDED EASEMENT - PARCEL 8
NO RECORDED EASEMENT - PARCEL 9

PROJECT NUMBER 4075-40-21 - 4.02
SHEET 2 OF 2

TRANSPORTATION PROJECT PLAT NO: 4075-40-21 - 4.03

THAT PART OF LOT 1 CERTIFIED SURVEY MAP 3016 RECORDED IN VOLUME 16 CSM ON PAGE 3016 AS DOCUMENT NO. 1247793, AND THAT PART OF LOT 3 CERTIFIED SURVEY MAP 2385 RECORDED IN VOLUME 13 CSM ON PAGE 2385 AS DOCUMENT NO. 1171365, AND THAT PART OF LOT 1 OF APPLEGATE WEST, BEING IN THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4, SECTION 21; AND THAT PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, SECTION 28, ALL IN TOWNSHIP 21 NORTH, RANGE 17 EAST, TOWN OF GRAND CHUTE, OUTAGAMIE COUNTY, WISCONSIN.

RELOCATION ORDER STH 96 W. WISCONSIN AVE, TOWN OF GRAND CHUTE (CASALOMA DRIVE - N. BADGER AVENUE), OUTAGAMIE 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), OUTAGAMIE COUNTY, NAD83 (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 1" X 24" IRON PIPES), 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 GREEN BAY.

EXISTING RIGHT OF WAY FOR STH 96 ESTABLISHED FROM PREVIOUS PROJECTS 1502-04-21, 1502-03-21, 1502-01-21, AND HES 019(6), APPLEGATE WEST, CSM 2385 AND CSM 3016.

EXISTING RIGHT OF WAY FOR N LYNDALE DR ESTABLISHED FROM PREVIOUS PROJECT 1502-01-21, CSM 3016, AND DOCUMENT 1567069.

EXISTING RIGHT OF WAY FOR SERVICE RD ESTABLISHED FROM 1502-04-21 AND DOCUMENT NO. 803110.

EXISTING RIGHT OF WAY FOR WILHARMS DR ESTABLISHED FROM CSM 2385.

EXISITING RIGHT OF WAY FOR N PERKINS ST ESTABLISHED FROM PREVIOUS PROJECT 1502-04-21, GRAND CHUTE ASSESSORS PLAT 1, APPLEGATE WEST, AND CSM 6191(NOT SHOWN).

EXISTING ACCESS CONTROL FOR STH 96 ESTABLISHED FROM PREVIOUS PROJECT 1502-01-21, 1502-03-21, AND 1502-04-21, APPLEGATE WEST, DOCUMENT NO. 624576, CSM 2385 AND CSM 3016.

EXISTING ACCESS CONTROL FOR N LYNDALE DR ESTABLISHED FROM DOCUMENT NO. 933501.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

REFER TO THE TRANSPORTATION PROJECT PLAT 4075-40-21-4.01 SHEET 2 OF 2 TITLE SHEET, RECORDED AS DOC. 2278814 ADDITIONAL INFORMATION.

FOR STATION AND OFFSET TABLES AND COURSE TABLES REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

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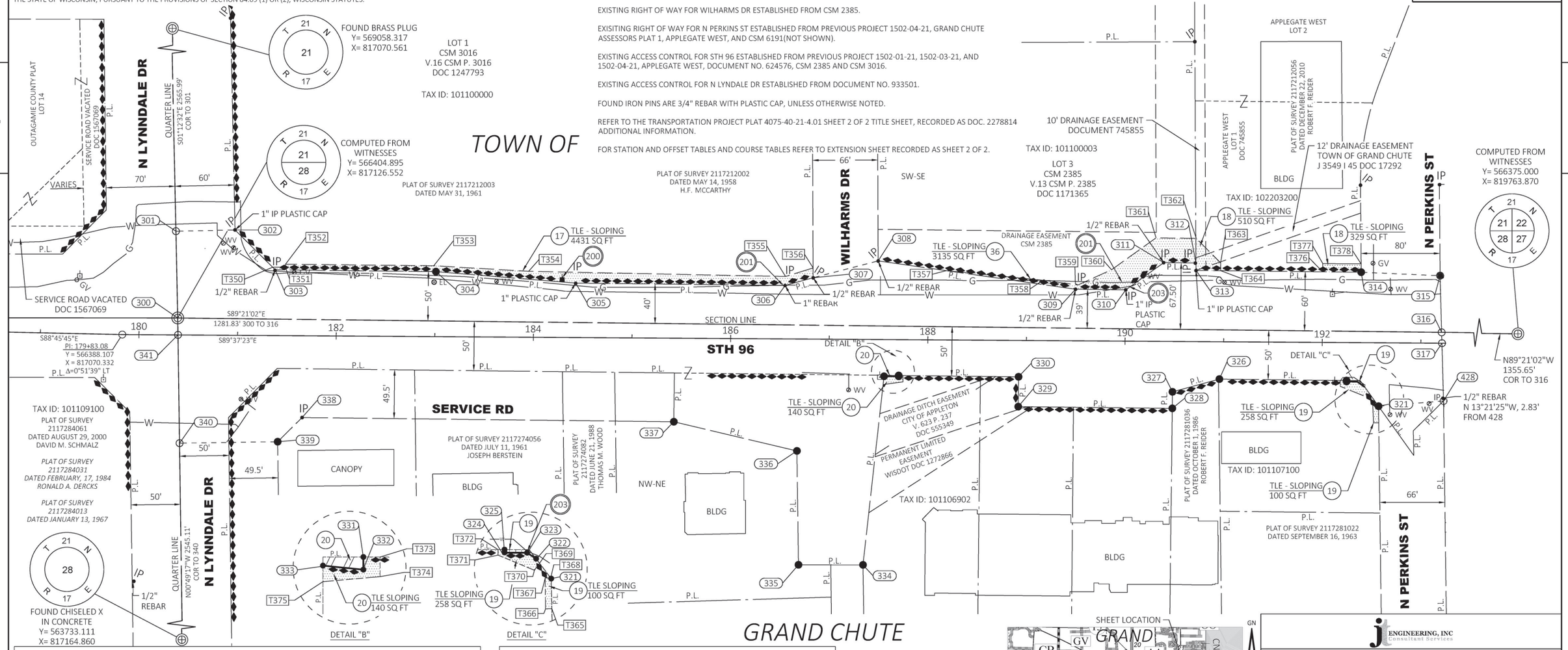
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PROJECT NUMBER 4075-40-21 - 4.03
SHEET 1 OF 2



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	FEE R/W SQFT, REQUIRED			TLE SQFT
			NEW	EXISTING	TOTAL	
17	EXCHANGERIGHT NET LEASED PORTFOLIO 39 DST	TLE	-	-	-	4431
18	M & B BUILDINGS, LLC	TLE	-	-	-	839
19	PROPERTY SMITH LLC	FEE & TLE	24	-	24	358
20	KELLYS KITCHEN LLC	FEE & TLE	14	-	14	140
36	EXCHANGERIGHT NET LEASED PORTFOLIO 39 DST	TLE	-	-	-	3135

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

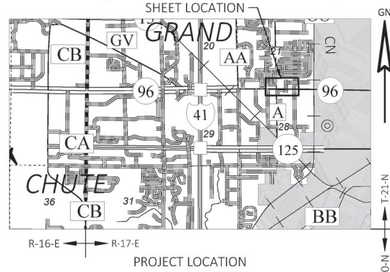
UTILITY NUMBER	OWNER(S)	INTERESTS REQUIRED
200	WE ENERGIES (ELEC)	RELEASE OF RIGHTS
201	WE ENERGIES (GAS)	RELEASE OF RIGHTS
203	GRAND CHUTE (WATER)	RELEASE OF RIGHTS
206	GRAND CHUTE (SAN)	RELEASE OF RIGHTS

(200) WE ENERGIES (ELECTRIC)
DOC 1253944 - PARCEL 17

(201) WE ENERGIES (GAS)
DOC 1253944 - PARCEL 17

(203) GRAND CHUTE (WATER)
NO RECORDED EASEMENT - PARCEL 36
NO RECORDED EASEMENT - PARCEL 19

(206) GRAND CHUTE (SANITARY)
DOC 601616 & 602865 - PARCEL 19



PROJECT LOCATION
(NOT TO SCALE)

ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT 4075-40-21 - 4.03 AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 9/26/2022
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN
James R. Cappeart
S-3044
Green Bay
Wis.
LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION NE REGION - GREEN BAY

SIGNATURE: _____ DATE: 09-26-2022
PRINT NAME: ALAN ROMMEL

FILE NAME : X:\PROJECTS\OUTAGAMIE\210034 STH 96 CASLOMA TO BADGER TPPS\DESIGN\C3D\RW\DWG\040101-RP.DWG
PLOT DATE : 9/26/2022 1:00 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE :
APPRAISAL PLAT DATE : 9/26/2022

TRANSPORTATION PROJECT PLAT NO: 4075-40-21 - 4.03
EXTENSION SHEET

RELOCATION ORDER STH 96 W. WISCONSIN AVE, TOWN OF GRAND CHUTE (CASALOMA DRIVE - N. BADGER AVENUE), OUTAGAMIE COUNTY

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PLAT 4075-04-21 - 4.01 RECORDED AS DOC 2278814

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

R/W POINT TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS
300	180+39.19	17.16' LT	566404.895	817126.552
301	180+36.75	105.15' LT	566492.898	817124.695
302	180+96.73	106.81' LT	566494.163	817184.682
303	181+37.78	66.69' LT	566453.777	817225.467
304	183+00.68	65.91' LT	566451.930	817388.353
305	184+42.56	55.24' LT	566440.322	817530.160
306	186+54.91	54.23' LT	566437.915	817742.506
307	186+83.33	62.21' LT	566445.709	817770.972
308	187+49.13	79.75' LT	566462.821	817836.887
309	189+49.46	52.32' LT	566434.067	818037.032
310	190+00.50	52.07' LT	566433.489	818088.069
311	190+38.81	79.89' LT	566461.055	818126.567
312	190+71.38	79.74' LT	566460.686	818159.126
313	190+71.46	72.25' LT	566453.194	818159.165
314	192+38.99	71.45' LT	566451.295	818326.683
315	193+19.04	68.49' LT	566447.809	818406.711
316	193+21.01	11.06' LT	566390.366	818408.302
317	193+21.39	0.00'	566379.304	818408.609
321	192+57.49	64.31' RT	566315.416	818344.294
322	192+43.37	44.86' RT	566334.957	818330.294
323	192+35.94	39.58' RT	566340.291	818322.899

R/W POINT TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS
324	192+24.86	39.44' RT	566340.502	818311.823
325	192+24.82	38.48' RT	566341.456	818311.793
326	190+95.88	37.87' RT	566342.918	818182.857
327	190+48.38	51.09' RT	566330.010	818135.275
328	190+48.30	67.85' RT	566313.252	818135.085
329	188+92.11	67.10' RT	566315.028	817978.895
330	188+92.25	36.90' RT	566345.226	817979.239
331	187+70.61	36.32' RT	566346.605	817857.609
332	187+70.62	37.20' RT	566345.730	817857.609
333	187+55.81	37.25' RT	566345.776	817842.797
334	187+35.74	228.63' RT	566154.535	817821.468
335	186+70.33	229.01' RT	566154.582	817756.058
336	186+67.93	113.51' RT	566270.090	817754.421
337	185+42.93	84.74' RT	566299.686	817629.612
338	181+65.94	82.95' RT	566303.959	817252.644
339	181+41.32	107.68' RT	566279.385	817227.862
340	180+41.85	109.76' RT	566277.959	817128.372
341	180+39.55	0.00'	566387.736	817126.798
428	193+23.39	58.52' RT	566320.772	818410.230

COURSE TABLE

COURSE	BEARING	DISTANCE
300-301	N01° 12' 32"W	88.02'
301-302	N88° 47' 28"E	60.00'
302-303	S45° 16' 52"E (S42° 34' 40"E)	57.40' (57.47')
303-304	S89° 21' 02"E	162.90'
304-305	S85° 19' 13"E	142.28'
305-306	S89° 21' 02"E (S89° 39' 00"E)	212.36' (212.36')
306-307	N74° 41' 16"E (N73° 35' 56"E)	29.51' (29.51')
307-308	N75° 26' 48"E	68.10'
308-309	S81° 49' 28"E (S79° 07' 09"E)	202.20' (202.20')
309-310	S89° 21' 02"E (S86° 39' 00"E)	51.04' (51.04')
310-311	N54° 23' 44"E (N57° 05' 46"E)	47.35' (47.35')
311-312	S89° 21' 02"E (S89° 39' 00"E)	32.56' (32.50')
312-313	S00° 17' 51"E (S02° 25' 40"E)	7.49'
313-314	S89° 21' 02"E	167.53'
314-315	S87° 30' 20"E	80.10'
315-316	S01° 35' 12"E	57.46'
316-317	S01° 35' 12"E	11.07'
317-428	S01° 35' 12"E	58.55'
428-321	S85° 21' 22"W	66.15'
321-322	N35° 37' 12"W	24.04'
322-323	N54° 11' 54"W	9.12'

COURSE TABLE

COURSE	BEARING	DISTANCE
323-324	N88° 54' 29"W	11.08'
324-325	N01° 50' 01"W	0.96'
325-326	N89° 21' 02"W	128.94'
326-327	S74° 49' 22"W	49.30'
327-328	S00° 38' 58"W	16.76'
328-329	N89° 20' 54"W	156.20'
329-330	N00° 39' 06"E	30.20'
330-331	N89° 21' 02"W	121.64'
331-332	S00° 00' 00"W	0.87'
332-333	N89° 49' 26"W	14.81'
333-334	S06° 21' 50"W	192.43'
334-335	N89° 57' 32"W	65.41'
335-336	N00° 48' 43"W	115.52'
336-337	N76° 39' 36"W	128.27'
337-338	N89° 21' 02"W	376.99'
338-339	S45° 14' 29"W	34.90'
339-340	S89° 10' 43"W	99.50'
340-341	N00° 49' 17"W	109.79'
341-300	N00° 49' 17"W	17.16'

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
T350	181+35.11	69.30' LT
T351	181+48.07	69.39' LT
T352	181+48.13	72.44' LT
T353	182+98.47	71.88' LT
T354	183+94.74	66.85' LT
T355	186+55.28	63.31' LT
T356	186+83.21	72.20' LT
T357	188+18.21	70.29' LT
T358	189+16.25	61.21' LT
T359	189+52.01	56.68' LT
T360	189+85.81	72.31' LT
T361	190+30.75	104.93' LT
T362	190+71.49	104.74' LT

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
T363	190+96.37	80.03' LT
T364	190+96.47	72.13' LT
T365	192+57.82	81.06' RT
T366	192+52.52	81.17' RT
T367	192+51.64	63.18' RT
T368	192+56.60	63.08' RT
T369	192+47.88	51.07' RT
T370	192+46.19	55.33' RT
T371	192+18.48	44.36' RT
T372	192+18.44	38.45' RT
T373	187+75.12	36.34' RT
T374	187+75.08	42.75' RT
T375	187+54.94	45.58' RT

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
T376	192+00.00	71.64' LT
T377	192+00.00	80.00' LT
T378	192+38.87	80.00' LT

PROJECT NUMBER 4075-40-21 - 4.03
SHEET 2 OF 2

TRANSPORTATION PROJECT PLAT NO: 4075-40-21 - 4.04

THAT PART OF LOT 1 CERTIFIED SURVEY MAP 3202 RECORDED IN VOLUME 17 CSM ON PAGE 3202 AS DOCUMENT NO. 1276890, BEING IN AND INCLUDING THAT PART OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 AND THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4, SECTION 21; AND THAT PART OF LOT 2 CERTIFIED SURVEY MAP 7376 RECORDED IN VOLUME 44 CSM ON PAGE 7376 AS DOCUMENT NO. 2107100, AND THAT PART OF LOT 1 CERTIFIED SURVEY MAP 6179 RECORDED IN VOLUME 36 CSM ON PAGE 6179 AS DOCUMENT NO. 1880757, AND THAT PART OF LOT 2 AND OUTLOT 2 OF DILLEY SCHOMISH PLAZA, AND THAT PART OF LOT 9 OF GRAND CHUTE ASSESSOR'S PLAT NO. 1, BEING IN AND INCLUDING PART OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 AND THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, SECTION 28; ALL IN TOWNSHIP 21 NORTH, RANGE 17 EAST, TOWN OF GRAND CHUTE, OUTAGAMIE COUNTY, WISCONSIN.

RELOCATION ORDER STH 96 W. WISCONSIN AVE, TOWN OF GRAND CHUTE (CASALOMA DRIVE - N. BADGER AVENUE), OUTAGAMIE 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), OUTAGAMIE COUNTY, NAD83 (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 1" X 24" IRON PIPES), 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 GREEN BAY.

EXISTING RIGHT OF WAY FOR STH 96 ESTABLISHED FROM PREVIOUS PROJECTS 1502-04-21, 1502-03-21, 1500-01-21, HES 019(6), CSM 3202, CSM 5518, CSM 6179, CSM 7376, GRAND CHUTE ASSESSORS PLAT NO. 1, AND DILLEY SCHOMISH PLAT .

EXISTING RIGHT OF WAY FOR N PERKINS ST ESTABLISHED FROM PREVIOUS PROJECT 1502-04-21, GRAND CHUTE ASSESSORS PLAT NO. 1, CSM 3202, AND CSM 6191.

EXISTING RIGHT OF WAY FOR FOX VALLEY AND LAKE SUPERIOR RAIL SYSTEM LLC ESTABLISHED FROM 1500-01-21, RAILROAD VALUATION MAP, PLAT OF SURVEY 2117212045 AND CSM 7376.

EXISTING RIGHT OF WAY FOR N BADGER AVE ESTABLISHED FROM KLITZKE PLAT AND PLAT OF SURVEY 2117281021.

EXISTING ACCESS CONTROL FOR STH 96 ESTABLISHED FROM PREVIOUS PROJECTS 1502-04-21, 1502-04-21 AND 0610-56-60.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

REFER TO TRANSPORTATION PROJECT PLAT 4075-40-21-4.01 SHEET 2 OF 2, RECORDED AS DOC 2278814 FOR ADDITIONAL INFORMATION.

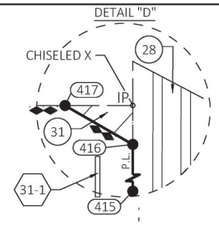
FOR STATION AND OFFSET TABLES, COURSE TABLES, EASEMENT INFORMATION, AND UTILITY INTERESTS REQUIRED REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

GN

SCALE, FEET

0 50 100

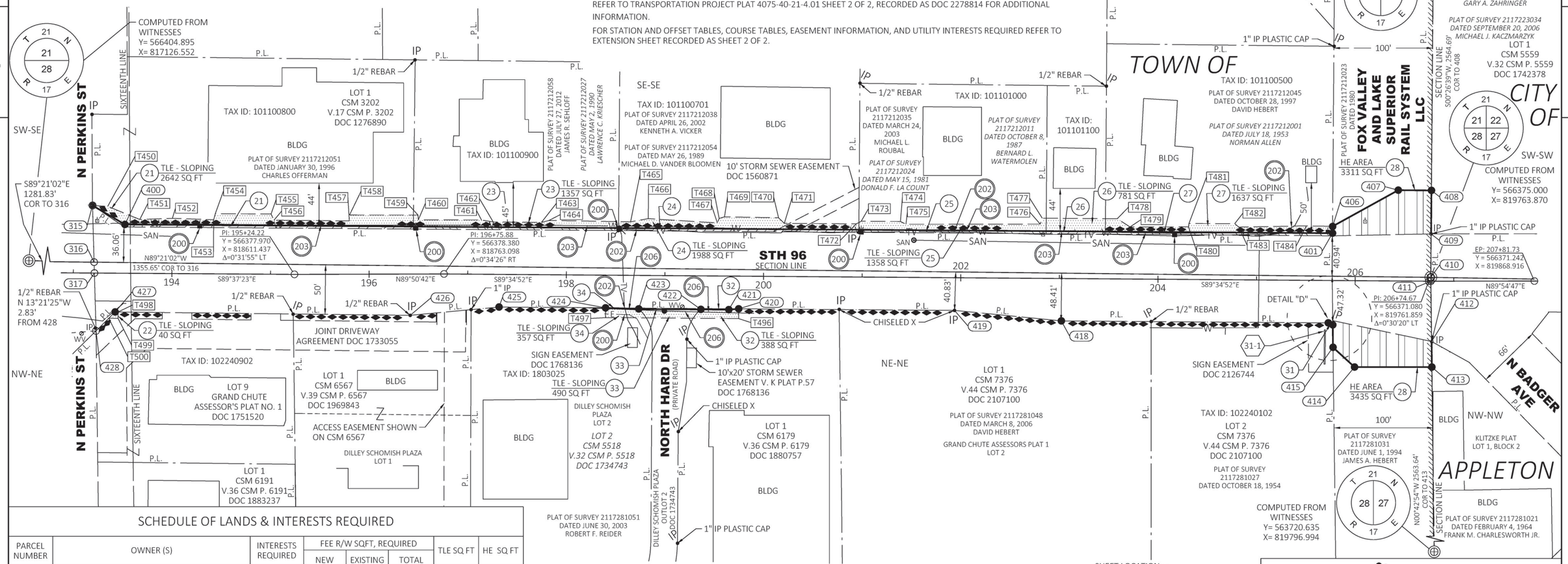
DETAIL "D"



Document #: **2279872**
Date: **09-27-2022** Time: **3:10 PM**
Pages: **2** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4075-40-21 - 4.04
SHEET 1 OF 2



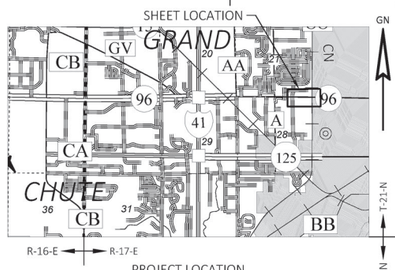
SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	FEE R/W SQFT, REQUIRED			TLE SQ FT	HE SQ FT
			NEW	EXISTING	TOTAL		
21	DOERFLER, LLC	FEE & TLE	791	-	791	2642	-
22	2191 WISCONSIN LLC	TLE	-	-	-	40	-
23	NATIONAL SALES INC.	FEE & TLE	538	-	538	1357	-
24	LNS PROPERTIES LLC	FEE & TLE	639	-	639	1988	-
25	DENNIS E. ELLISEN AND JEFFREY T. DAY	FEE & TLE	502	-	502	1358	-
26	WILLIAM D. SHEW	FEE & TLE	160	-	160	781	-
27	CENTURY INVESTMENTS LLC	FEE & TLE	616	-	616	1637	-
28	FOX VALLEY AND LAKE SUPERIOR RAIL SYSTEM LLC	HE	-	-	-	-	6746
31	APPLETON CAR WASH, LLC TLC PROPERTIES, LLC	FEE	5	-	5	-	-
32	GOLD DUST PROPERTIES LLC	FEE & TLE	29	-	29	388	-
33	DILLEY SCHOMISCH PLAZA PUD PROPERTY OWNERS ASSOCIATION, LLC	FEE & TLE	58	-	58	490	-
34	O'REILLY AUTOMOTIVE INC	FEE & TLE	14	-	14	357	-

SCHEDULE OF SIGN STRUCTURES

SIGN NUMBER	SIGN OWNER	OASIS NUMBER
31-1	TLC PROPERTIES, LLC APPLETON CAR WASH LLC	020494

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION



jt ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT 4075-40-21 - 4.04 AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: DATE: 9/27/2022
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION NE REGION - GREEN BAY

SIGNATURE: DATE: 09/27/2022
PRINT NAME: ALAN ROMMEL

FILE NAME : X:\PROJECTS\OUTAGAMIE\210034 STH 96 CASLOMA TO BADGER TPPS\DESIGN\C3D\RW\DWG\040101-RP.DWG
APPRAISAL PLAT DATE : 9/27/2022
PLOT DATE : 9/27/2022 1:26 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE :

TRANSPORTATION PROJECT PLAT NO: 4075-40-21 - 4.04
EXTENSION SHEET

RELOCATION ORDER STH 96 W. WISCONSIN AVE, TOWN OF GRAND CHUTE (CASALOMA DRIVE - N. BADGER AVENUE), OUTAGAMIE COUNTY

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PLAT 4075-40-21 - 4.01 RECORDED AS DOC 2278814.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

R/W POINT TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
315	193+19.04	68.49' LT	566447.809	818406.711
316	193+21.01	11.06' LT	566390.366	818408.302
317	193+21.39	0.00'	566379.304	818408.609
400	193+52.00	49.50' LT	566428.602	818439.546
401	205+76.67	47.95' LT	566419.741	819664.214
406	205+76.67	54.73' LT	566426.524	819664.262
407	206+43.00	92.00' LT	566463.309	819730.863
408	206+77.50	92.02' LT	566463.103	819764.553
409	206+77.09	47.88' LT	566418.968	819764.211
410	206+76.69	3.92' LT	566375.000	819763.870
411	206+76.73	0.00'	566371.083	819763.919
412	206+77.40	61.08' RT	566310.007	819764.681
413	206+77.68	87.01' RT	566284.076	819765.005
414	205+99.98	87.55' RT	566284.076	819686.532
415	205+78.05	67.77' RT	566304.022	819664.748
416	205+77.60	44.99' RT	566326.799	819664.464
417	205+73.00	42.97' RT	566328.851	819659.878

R/W POINT TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
418	203+02.35	42.96' RT	566330.841	819389.236
419	201+93.89	33.11' RT	566341.481	819280.847
420	199+75.00	33.10' RT	566343.091	819061.966
421	199+65.00	34.00' RT	566342.268	819051.960
422	199+36.63	34.00' RT	566342.475	819023.586
423	198+73.61	33.96' RT	566342.972	818960.573
424	198+40.00	33.10' RT	566344.084	818926.970
425	197+32.00	33.09' RT	566344.878	818818.970
426	196+41.53	41.79' RT	566336.502	818728.863
427	193+42.67	39.26' RT	566339.905	818429.634
428	193+23.39	58.52' RT	566320.772	818410.230

COURSE TABLE		
COURSE	BEARING	DISTANCE
316-315	N01° 35' 12"W	57.46'
315-400	S59° 40' 28"E	38.04'
400-401	S89° 35' 08"E	1224.70'
401-406	N00° 24' 23"E	6.78'
406-407	N61° 05' 15"E	76.08'
407-408	S89° 39' 00"E	33.69'
408-409	S00° 26' 39"W	44.14'
409-410	S00° 26' 39"W	43.97'
410-411	S00° 42' 54"E	3.92'
411-412	S00° 42' 54"E	61.08'
412-413	S00° 42' 54"E	25.93'
413-414	N90° 00' 00"W	78.47'
414-415	N47° 31' 18"W	29.54'

COURSE TABLE		
COURSE	BEARING	DISTANCE
415-416	N00° 42' 54"W	22.78'
416-417	N65° 53' 48"W	5.02'
417-418	N89° 34' 43"W	270.65'
418-419	N84° 23' 37"W	108.91'
419-420	N89° 34' 43"W	218.89'
420-421	S85° 17' 53"W	10.04'
421-422	N89° 34' 52"W	28.37'
422-423	N89° 32' 55"W	63.01'
423-424	N88° 06' 17"W	33.62'
424-425	N89° 34' 43"W	108.00'
425-426	S84° 41' 21"W	90.50'
426-427	N89° 20' 54"W	299.25'
427-428	S45° 24' 07"W	27.25'
428-317	N01° 35' 12"W	58.55'
317-316	N01° 35' 12"W	11.07'

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTERESTS REQUIRED
200	WE ENERGIES (ELEC)	RELEASE OF RIGHTS
202	SPECTRUM	RELEASE OF RIGHTS
203	GRAND CHUTE (WATER)	RELEASE OF RIGHTS
204	AT&T WI	RELEASE OF RIGHTS
206	GRAND CHUTE (SAN)	RELEASE OF RIGHTS

(200) WISCONSIN TRACTION, LIGHT, HEAT AND POWER COMPANY
DOC 272777 - PARCEL 21

(200) WISCONSIN MICHIGAN POWER COMPANY
DOC 598297 - PARCEL 21

(200) WISCONSIN ELECTRIC POWER COMPANY
DOC 1248598 & 1253946 - PARCEL 21
DOC 1253940 - PARCEL 24

(200) WE ENERGIES (ELEC)
NO RECORDED EASEMENT - PARCEL 23
NO RECORDED EASEMENT - PARCEL 24
NO RECORDED EASEMENT - PARCEL 25
NO RECORDED EASEMENT - PARCEL 27
DOC 1768136 - PARCEL 34

(202) SPECTRUM
NO RECORDED EASEMENT - PARCEL 24
NO RECORDED EASEMENT - PARCEL 25
NO RECORDED EASEMENT - PARCEL 27
DOC 1768136 - PARCEL 34

(203) GRAND CHUTE (WATER)
NO RECORDED EASEMENT - PARCEL 21
NO RECORDED EASEMENT - PARCEL 23
NO RECORDED EASEMENT - PARCEL 24
NO RECORDED EASEMENT - PARCEL 25
NO RECORDED EASEMENT - PARCEL 26
NO RECORDED EASEMENT - PARCEL 27

(204) WISCONSIN BELL TELEPHONE COMPANY
DOC 1234186 - PARCEL 27

(206) GRAND CHUTE - (SANITARY)
DOC 1768136 - PARCEL 32
NO RECORDED EASEMENT - PARCEL 33
DOC 1768136 - PARCEL 34
DOC 601610 - PARCEL 31

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T450	193+34.46	67.65' LT
T451	193+66.99	54.68' LT
T452	194+00.06	56.02' LT
T453	194+42.03	54.92' LT
T454	194+43.57	61.00' LT
T455	195+00.13	61.00' LT
T456	195+03.14	54.77' LT
T457	195+80.01	54.12' LT
T458	195+80.27	60.08' LT
T459	196+49.74	59.85' LT
T460	196+50.00	55.00' LT
T461	197+13.58	55.00' LT
T462	197+25.40	53.15' LT
T463	197+74.35	53.02' LT
T464	197+81.85	55.00' LT
T465	198+64.73	54.27' LT
T466	198+82.62	57.61' LT
T467	199+52.79	53.76' LT
T468	199+54.55	58.30' LT
T469	199+59.96	60.00' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T470	200+14.78	59.45' LT
T471	200+20.66	53.85' LT
T472	200+93.71	53.87' LT
T473	200+98.67	56.60' LT
T474	201+38.45	56.60' LT
T475	201+43.98	53.86' LT
T476	202+80.17	55.00' LT
T477	202+82.19	60.98' LT
T478	203+58.31	61.00' LT
T479	203+71.32	52.73' LT
T480	204+30.65	53.36' LT
T481	204+31.05	56.70' LT
T482	204+77.45	56.84' LT
T483	204+81.64	53.45' LT
T484	205+50.20	55.12' LT
T496	199+75.00	43.00' RT
T497	198+40.00	43.00' RT
T498	193+45.63	39.27' RT
T499	193+45.66	45.74' RT
T500	193+36.27	45.66' RT

4

PROJECT NUMBER 4075-40-21 - 4.04
SHEET 2 OF 2

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY.
REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.

R/W PROJECT NUMBER: 4075-40-21	SHEET NUMBER: 1

TLE ACQUISITION EXHIBIT
W. WISCONSIN AVE, TOWN OF GRAND CHUTE
CASALOMA DR - N. BADGER AVE
STH 96 OUTAGAMIE COUNTY

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 1831 RECORDED IN VOLUME 10 CSM ON PAGE 1831-1832 AS DOCUMENT NO. 1109760 BEING IN AND INCLUDING PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 29, T 21 N, R 17 E TOWN OF GRAND CHUTE, OUTAGAMIE COUNTY, WISCONSIN

206 GRAND CHUTE (SANITARY)
VOL. 2, PG. 1831, DOC. 1109760 - PARCEL 37

204 AT&T WI
NO RECORDED EASEMENT - PARCEL 37
NO RECORDED EASEMENT - PARCEL 38

202 SPECTRUM
NO RECORDED EASEMENT - PARCEL 37

203 GRAND CHUTE (WATER)
NO RECORDED EASEMENT - PARCEL 39

SCHEDULE OF SIGN STRUCTURES

SIGN NUMBER	SIGN OWNER	OASIS NUMBER
39-1	FOX RIVER SHOPPING CENTER LLC 4343 WISCONSIN LLC	

LOT 1
CSM 1856
V.10 CSM P. 1856
DOC 1115519

EXIST R/W

4

P.L.

EXIST R/W

POST

SW-SW

215' RIGHT-OF-WAY

155'

TLE ACQUISITION IS LOCATED APPROXIMATELY 60 FEET
SOUTH OF THE NORTH LINE OF SECTION 29, T 21 N, R 17 E.

STH 96

SEC. 20
SEC. 29
SECTION LINE

60'

EXIST R/W

TLE - SLOPING
1004 SQ. FT.

37

204

WV

TLE - SLOPING
128 SQ. FT.

38

204

14.51'

23.36'

WV

W
FO
W
FO
WV
W
FO
SAN
W
FO
WV
W

10.00'
10.00'
S.W.
100.39'
N

17.61'

3.83'

3.83'

39-1

39

TLE - SLOPING
89 SQ. FT.

22.64'

206

202

203

60' DRAINAGE EASEMENT
TOWN OF GRAND CHUTE
DOC 858629

LOT 1
CSM 1831
V.10 CSM P. 1831
DOC 1109760

PLAT OF SURVEY 2117294026
DATED FEBRUARY 24, 1995
THOMAS F. HALVERSON

PLAT OF SURVEY 2117294019
DATED DECEMBER 2, 1983
LARRY J. MILLER

TAX PARCEL
NUMBER
101120703

P.L.

NW-NW

P.L.

TAX PARCEL NUMBER
101120800

PLAT OF SURVEY 2117294006
DATED MAY 3, 1990
MICHAEL D. VANDER BLOOMEN

PLAT OF SURVEY 2117294008
DATED JANUARY 31, 1985
LARRY J. MILLER

PLAT OF SURVEY 2117294077
DATED MARCH 21, 1983
JAMES A. HEBERT

P.L.
EXIST R/W

OUTER RING RD

P.L.

20' SIGN EASEMENT
DOC 858567

110' RIGHT-OF-WAY

TAX PARCEL NUMBER
101120400

PLAT OF SURVEY 2117294035
DATED JUNE 12, 2006
DONALD F. LA COUNT

PLAT OF SURVEY 2117294018
DATED FEBRUARY 26, 1985
LARRY J. MILLER

PLAT OF SURVEY2117294023
DATED SEPTEMBER 29, 1983
LARRY J. MILLER

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
206	GRAND CHUTE (SAN)	RELEASE OF RIGHTS
202	SPECTRUM	RELEASE OF RIGHTS
203	GRAND CHUTE (WAT)	RELEASE OF RIGHTS

THIS MAP WAS PREPARED BY JT ENGINEERING FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

GN

SCALE, FEET
0 50 100

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
37	FOX RIVER SHOPPING CENTER LLC	TLE	1004
38	BANK ONE, APPLETON, NATIONAL ASSOCIATION	TLE	128
39	4343 WISCONSIN LLC FOX RIVER SHOPPING CENTER, LLC	TLE	89

THIS MAP IS APPROVED FOR THE DEPARTMENT OF TRANSPORTATION
NORTHEAST REGION OFFICE IN GREEN BAY

SIGNATURE: Jon L Herbel DATE: 09/15/2022

PRINT NAME: JON.L HERBEL

FILE NAME : TLE EXHIBIT 1.DWG PLOT DATE : 8/26/2022 1:26 PM R/W PROJECT: 4075-40-21

***THAT PART OF OT 1 OF CERTIFIED SURVEY MAP 7419 RECORDED IN VOLUME 44 CSM ON PAGE 7419 AS DOCUMENT NO. 2112570 AND THAT PART OF VACATED SERVICE ROAD BEING IN PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 21, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 3099 RECORDED IN VOLUME 16 CSM ON PAGE 3099 AS DOCUMENT NO. 1261525, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 4970 RECORDED IN VOLUME 28 CSM ON PAGE 4970 AS DOCUMENT NO. 1642297, ALL IN T 21 N, R 17 E TOWN OF GRAND CHUTE, OUTAGAMIE COUNTY, WISCONSIN

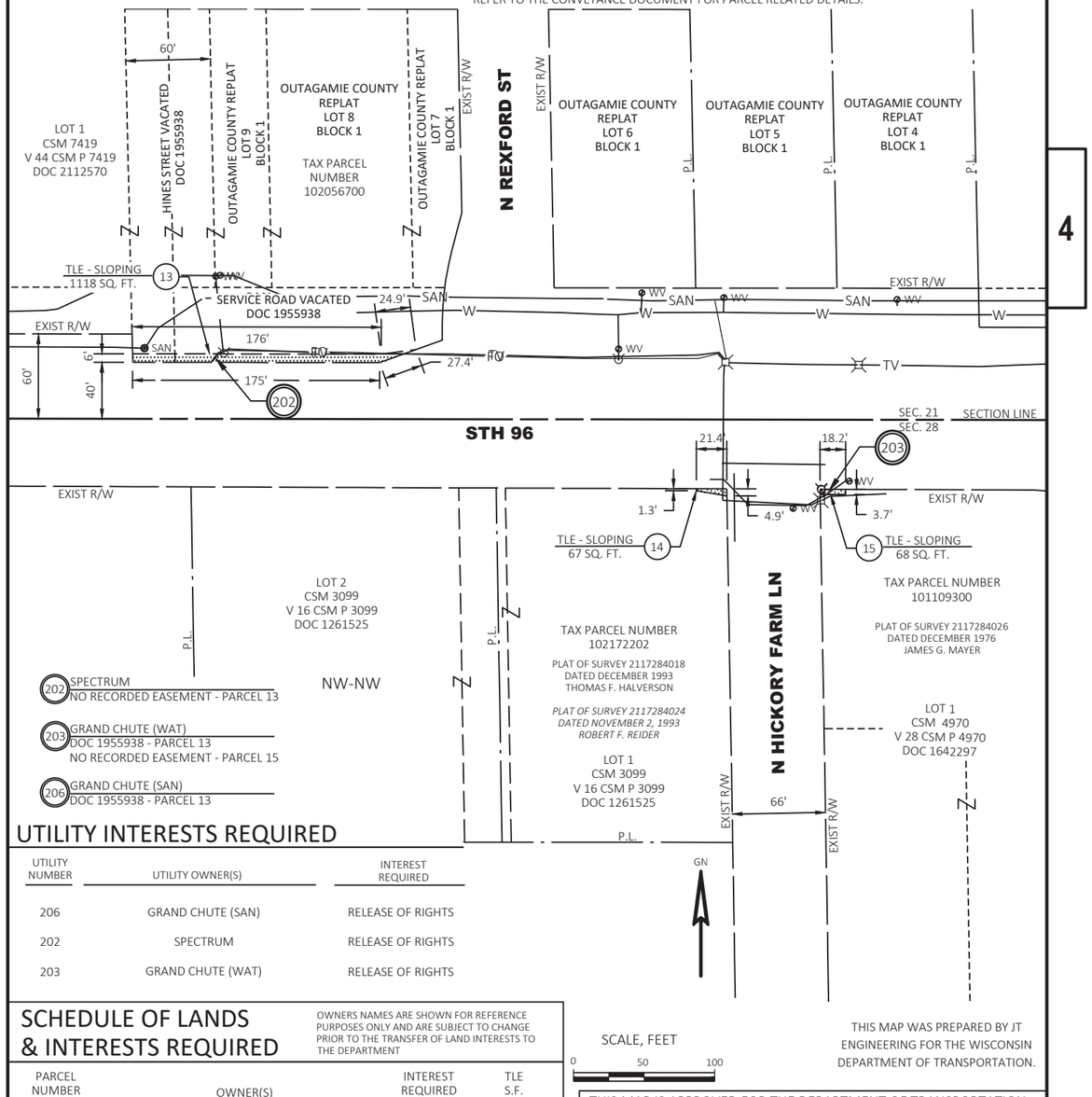
R/W PROJECT NUMBER: 4075-40-21	SHEET NUMBER: 2

TLE ACQUISITION EXHIBIT
W. WISCONSIN AVE, TOWN OF GRAND CHUTE
CASALOMA DR - N. BADGER AVE
STH 96 OUTAGAMIE COUNTY

*** SEE SIDE

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY.
REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.

4



202 SPECTRUM
NO RECORDED EASEMENT - PARCEL 13

203 GRAND CHUTE (WAT)
DOC 1955938 - PARCEL 13
NO RECORDED EASEMENT - PARCEL 15

206 GRAND CHUTE (SAN)
DOC 1955938 - PARCEL 13

NW-NW

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
206	GRAND CHUTE (SAN)	RELEASE OF RIGHTS
202	SPECTRUM	RELEASE OF RIGHTS
203	GRAND CHUTE (WAT)	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
13	KOLOSSO ENTERPRISE LIMITED PARTNERSHIP	TLE	1118
14	OUTAGAMIE CO-OP SERVICES	TLE	67
15	HBW LLC	TLE	68

SCALE, FEET
0 50 100

THIS MAP WAS PREPARED BY JT ENGINEERING FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

THIS MAP IS APPROVED FOR THE DEPARTMENT OF TRANSPORTATION NORTHEAST REGION OFFICE IN GREEN BAY

SIGNATURE: Jon L Herbel DATE: 09/15/2022

PRINT NAME: JON.L HERBEL

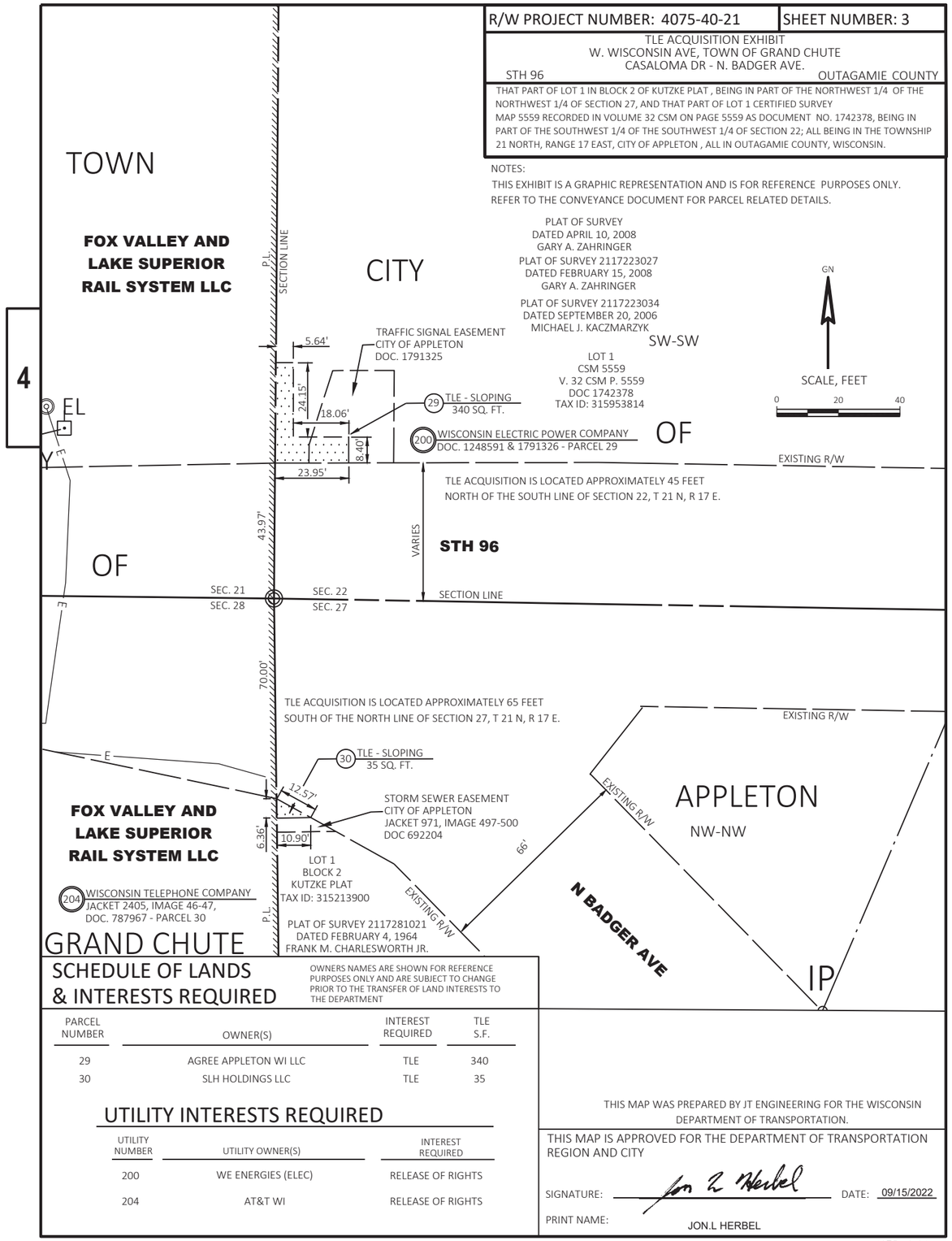
FILE NAME : TLE EXHIBIT 1.DWG PLOT DATE : 8/26/2022 1:28 PM R/W PROJECT: 4075-40-21

R/W PROJECT NUMBER: 4075-40-21	SHEET NUMBER: 3

TLE ACQUISITION EXHIBIT
W. WISCONSIN AVE, TOWN OF GRAND CHUTE
CASALOMA DR - N. BADGER AVE.
STH 96 — OUTAGAMIE COUNTY

THAT PART OF LOT 1 IN BLOCK 2 OF KUTZKE PLAT , BEING IN PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 27, AND THAT PART OF LOT 1 CERTIFIED SURVEY MAP 5559 RECORDED IN VOLUME 32 CSM ON PAGE 5559 AS DOCUMENT NO. 1742378, BEING IN PART OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 22; ALL BEING IN THE TOWNSHIP 21 NORTH, RANGE 17 EAST, CITY OF APPLETON , ALL IN OUTAGAMIE COUNTY, WISCONSIN.

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY.
REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
29	AGREE APPLETON WI LLC	TLE	340
30	SLH HOLDINGS LLC	TLE	35

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
200	WE ENERGIES (ELEC)	RELEASE OF RIGHTS
204	AT&T WI	RELEASE OF RIGHTS

THIS MAP WAS PREPARED BY JT ENGINEERING FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

THIS MAP IS APPROVED FOR THE DEPARTMENT OF TRANSPORTATION REGION AND CITY

SIGNATURE: Jon L Herbel DATE: 09/15/2022

PRINT NAME: JON.L HERBEL

FILE NAME : TLE EXHIBIT 1.DWG PLOT DATE : 8/26/2022 1:31 PM R/W PROJECT: 4075-40-21

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1000	102+57.34	787.6000	TAG BOLT OF HYDRANT
1001	108+67.82	76.9010	TAG BOLT OF HYDRANT

LEGEND

- BASE PATCHING CONCRETE
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT 9-INCH

N

WETLAND BOUNDARY
N. CASALOMA DR
BP: 100+00.00
BEGIN PROJECT
STA 101+73.46
Y=566,292.646
X=809,262.126
PI: 102+02.69
STH 96
CONCRETE CURB & GUTTER 30-INCH TYPE A
BUTT JOINT REQUIRED
R/L STH 96
101+00
102+00
103+00
104+00
105+00
106+00
N89°17'34"E
N88°50'44"E
MATCH LINE 106+05
SLOPE INTERCEPT (TYP.)
BM 1000
WETLAND BOUNDARY
CTH GV
107+00
108+00
109+00
110+00
111+00
112+00
N88°25'19"E
PI: 108+59.01
BM 1001
FOX RIVER MALL
TLE
EXIST R/W

5

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 050201-pn
PLOT DATE : 10/24/2022 9:49 AM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1002	112+75.08	784.9310	TAG BOLT OF HYDRANT
1004	120+45.20	783.9120	TAG BOLT OF HYDRANT

LEGEND

- BASE PATCHING CONCRETE
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT 9-INCH

N

MATCH LINE 112+10

PI: 112+27.54

PI: 112+27.54

CTH GV

BUTT JOINT REQUIRED

STH 96

113+00

114+00

115+00

116+00

117+00

118+00

R/L STH 96

N88°46'34"E

STH 96

SS

WV

BM 1002

TLE

EXIST R/W

MATCH LINE 118+15

MATCH LINE 118+15

PI: 118+56.40

PI: 118+56.40

CONCRETE CURB & GUTTER 30-INCH TYPE A

119+00

120+00

121+00

N89°04'06"E

122+00

123+00

124+00

R/L STH 96

STH 96

BM 1004

EXIST R/W

MATCH LINE 124+20

SAN

GV

WV

OH

G

EXIST R/W

WETLAND BOUNDARY

N. COLORADO AVE

BUTT JOINT REQUIRED

MOVING SIGNS TYPE II

SLOPE INTERCEPT (TYP)

CONCRETE CURB & GUTTER 30-INCH TYPE A

TEL

N

5

5

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 050202-pn

PLOT DATE : 10/24/2022 9:49 AM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:40 FT

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1005	126+67.80	780.3190	BOLT
1006	131+25.16	783.6140	TAG BOLT OF HYDRANT
1007	134+42.18	779.9500	TAG BOLT OF HYDRANT

WETLAND BOUNDARY
SLOPE INTERCEPT (TYP)
STH 96
PI: 125+07.90
CONCRETE MEDIAN SLOPED NOSE
CONCRETE CURB & GUTTER 18 INCH TYPE A
B-44-0157
B-44-0158
IH 41
CONCRETE SURFACE DRAIN
MATCH LINE 124+20
125+00
126+00
127+00
128+00
129+00
130+00
N89°04'06"E
S89°46'57"E
R/L STH 96
CONCRETE SIDEWALK 4-INCH
BM 1005
EXIST R/W
MATCH LINE 130+25
MATCH LINE 136+30
N

CURVE 1
PI STA = 132+64.49
Y = 566337.530
X = 812352.650
DELTA = 1°41'51"
D = 2°51'53"
T = 29.63'
L = 59.25'
R = 2000.00'
PC STA = 132+34.86
Y = 566337.643
X = 812323.023
PT STA = 132+94.12
Y = 566338.295
X = 812382.268
BK = S89°46'56.6"E
AH = N88°31'12.7"E

PC: 132+34.86
PT: 132+94.12
131+00
132+00
133+00
134+00
135+00
136+00
N88°31'13"E
CURVE 1
BM 1006
BM 1007
W. WHEELER RD
PROP R/W
TLE

LEGEND
- BASE PATCHING CONCRETE
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT 9-INCH

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 050203-pn
PLOT DATE : 10/24/2022 9:49 AM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

BENCHMARKS

NO.	STATION	ELEV.	DESCRIPTION
1008	141+25.03	771.7530	SOUTH BOLT 440211

LEGEND

- BASE PATCHING CONCRETE
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT 9-INCH

EXIST R/W

BM 1008

STH 96

R/L STH 96

137+00 138+00 139+00 140+00 141+00 142+00

N88°31'13"E

STH 96

EXIST R/W

N. WESTHILL BLVD

MATCH LINE 136+30

MATCH LINE 142+35

5

5

EXIST R/W

CN RAILROAD

STH 96

R/L STH 96

CONCRETE CURB & GUTTER 18-INCH TYPE A

143+00 144+00 145+00 146+00 147+00 148+00

N88°31'13"E

STH 96

20053
366.176
SSMH

MATCH LINE 142+35

MATCH LINE 148+40

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 050204-pn

PLOT DATE : 10/24/2022 9:50 AM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:40 FT

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1009	154+43.75	786.3020	TAG BOLT OF HYDRANT

LEGEND

- BASE PATCHING CONCRETE
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT 9-INCH

EXIST R/W
STH 96
R/L STH 96
N88°31'13"E
20052
SSMH
BUTT JOINT REQUIRED
SEE INTERSECTION DETAIL SHEETS FOR LAYOUT AND ITEM DETAILS
CTH AA (BLUEMOUND DR)
SLOPE INTERCEPT (TYP)
MATCH LINE 148+40
MATCH LINE 154+45
149+00
150+00
151+00
152+00
153+00
154+00
N

EXIST R/W
POPP LN
TLE
SLOPE INTERCEPT (TYP)
20054
SSMH
CONCRETE CURB & GUTTER 30-INCH TYPE A
CURVE 2
PI STA = 157+22.88
Y = 566401.017
X = 814810.221
DELTA = 1°04'37"
D = 0°15'00"
T = 215.37'
L = 430.73'
R = 22918.31'
PC STA = 155+07.51
Y = 566395.455
X = 814594.922
PT STA = 159+38.24
Y = 566402.532
X = 815025.586
BK = N88°31'12.7"E
AH = N89°35'49.2"E
PC: 155+07.51
PT: 159+38.24
SEE INTERSECTION DETAIL SHEETS FOR LAYOUT AND ITEM DETAILS
BM 1009
PROP R/W
MATCH LINE 154+45
MATCH LINE 160+50
155+00
156+00
157+00
158+00
159+00
160+00
S89°46'55"E

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 050205-pn
PLOT DATE : 10/24/2022 9:50 AM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1011	166+59.38	786.5850	TAG BOLT OF HYDRANT

LEGEND

- BASE PATCHING CONCRETE
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT 9-INCH

N

CONCRETE CURB & GUTTER 30-INCH TYPE A

CONCRETE CURB & GUTTER 30-INCH TYPE A

CONCRETE CURB & GUTTER 30-INCH TYPE A

TLE

EXIST R/W

SLOPE INTERCEPT (TYP)

STH 96

R/L STH 96

161+00 162+00 163+00 164+00 165+00 166+00

S89°46'55"E

STH 96

MATCH LINE 160+50

MATCH LINE 166+55

EXIST R/W

PROP R/W

PROP R/W

TLE

TLE

EXIST R/W

N. REXFORD ST

BUTT JOINT REQUIRED

SLOPE INTERCEPT (TYP)

TLE

CONCRETE CURB & GUTTER 30-INCH TYPE A

CONCRETE CURB & GUTTER 30-INCH TYPE A

STH 96

R/L STH 96

167+00 168+00 169+00 170+00 171+00 172+00

S89°46'55"E

STH 96

BM 1011

EXIST R/W

MATCH LINE 166+55

MATCH LINE 172+60

5

5

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET	E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 050206-pn

PLOT DATE : 10/24/2022 9:50 AM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

BENCHMARKS

NO.	STATION	ELEV.	DESCRIPTION
1012	174+92.80	784.2130	TAG BOLT OF HYDRANT
1013	181+02.98	787.3170	TAG BOLT OF HYDRANT

LEGEND

- BASE PATCHING CONCRETE
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT 9-INCH

N. REXFORD ST
MATCH LINE 172+60
MATCH LINE 178+65
STH 96
R/L STH 96
173+00
174+00
175+00
176+00
177+00
178+00
S89°46'55"E
S88°45'45"E
SLOPE INTERCEPT (TYP)
CONCRETE CURB & GUTTER 30-INCH TYPE A
PI: 176+09.77
EXIST R/W
TLE
BM 1012
N. LYNNDALE DR
MATCH LINE 178+65
MATCH LINE 184+70
PI: 179+83.08
BUTT JOINT REQUIRED
179+00
180+00
181+00
182+00
183+00
184+00
S88°45'45"E
S89°37'23"E
E. SERVICE RD

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 050207-pn
PLOT DATE : 10/24/2022 9:50 AM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1014	187+51.59	783.3870	TAG BOLT OF HYDRANT
1015	193+43.89	783.7410	TAG BOLT OF HYDRANT

EXIST R/W
SLOPE INTERCEPT (TYP)
TLE
WILHARMS DR
BM 1014
STH 96
R/L STH 96
185+00
186+00
187+00
188+00
189+00
190+00
S89°37'23"E
E. SERVICE RD
PROP R/W
MATCH LINE 184+70
MATCH LINE 190+75
N

LEGEND
- BASE PATCHING CONCRETE
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT 9-INCH

EXIST R/W
N. PERKINS ST
PROP R/W
SLOPE INTERCEPT (TYP)
TLE
CONCRETE CURB & GUTTER 30-INCH TYPE A
BM 1015
STH 96
R/L STH 96
191+00
192+00
193+00
194+00
195+00
196+00
S89°37'23"E
N89°50'42"E
PI: 195+24.22
PI: 195+24.22
PI: 196+75.88
PI: 196+75.88
MATCH LINE 190+75
MATCH LINE 196+80
N

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET E

FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 050208-pn
PLOT DATE : 10/24/2022 9:50 AM
PLOT BY : MARTIN, THOMAS S
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1016	199+83.28	792.0970	TAG BOLT OF HYDRANT
1017	204+43.46	799.4250	SE BOLT OF HYDRANT

LEGEND

- BASE PATCHING CONCRETE
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT 9-INCH

N

CONCRETE CURB & GUTTER 30-INCH TYPE A

EXIST R/W

TLE

SLOPE INTERCEPT (TYP)

PROP R/W

CONCRETE CURB & GUTTER 30-INCH TYPE A

SAN

STH 96

R/L STH 96

197+00 198+00 199+00 200+00 201+00 202+00

S89°34'52"E

MATCH LINE 196+80

MATCH LINE 202+85

STH 96

EXIST R/W

PROP R/W

TLE

N. HARD DR

SAN

BM 1016

5

5

TLE

SLOPE INTERCEPT (TYP)

CONCRETE CURB & GUTTER 30-INCH TYPE A

PROP R/W

CONCRETE CURB & GUTTER 30-INCH TYPE A

EXIST R/W

GUY

WV

SAN

STH 96

POST

PROP R/W

CONCRETE BASES TYPE 1

CONDUIT

EXIST R/W

PI: 206+74.67

PI: 207+81.73

R/L STH 96

203+00 204+00 205+00 206+00 207+00 208+00 209+

S89°34'52"E

N89°54'47"E

S89°01'24"E

MATCH LINE 202+85

STH 96

END PROJECT
STA 206+96.12
Y=566,371.112
X=819,783.309

EXIST R/W

EXIST R/W

BM 1017

POST

PROP R/W

TLE

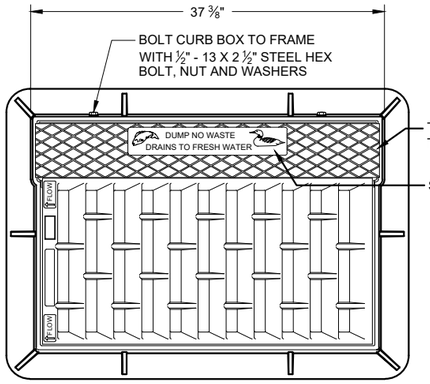
N. BADGER AVE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET	E

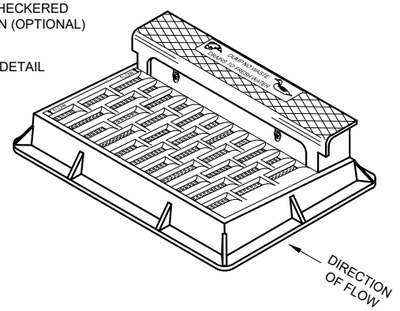
FILE NAME : C:\CIVIL 3D PROJECTS\40754000\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 050209-pn

PLOT DATE : 10/24/2022 9:50 AM PLOT BY : MARTIN, THOMAS S PLOT NAME : PLOT SCALE : 1 IN:40 FT

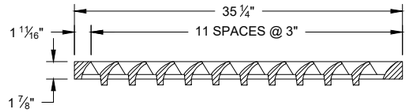
SDD 8A5-a Inlet Covers Type A, H, A-S, H-S and Z

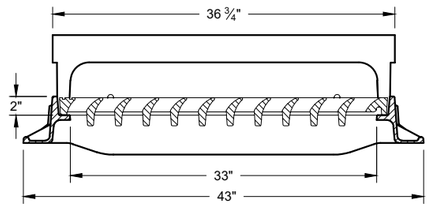


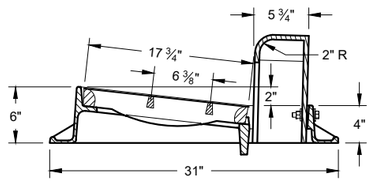
NOTE: EITHER CASTING IS ACCEPTABLE



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"



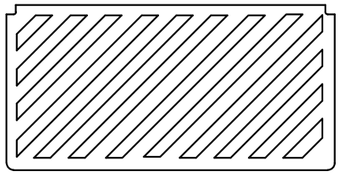




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

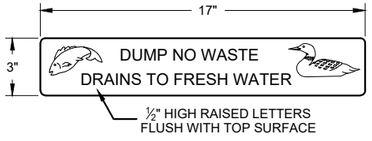
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



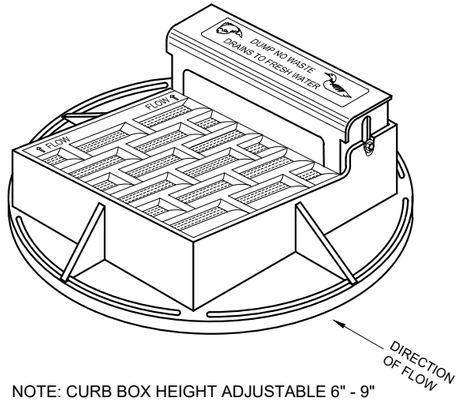
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

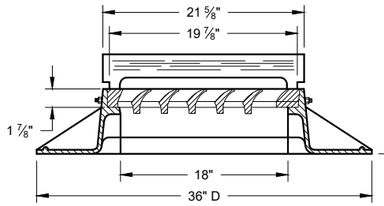


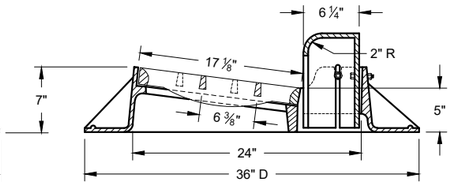
LOGO DETAIL

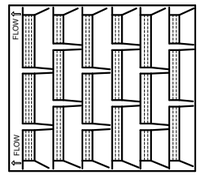


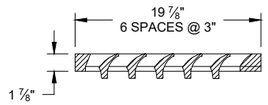
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE









TYPE "A"

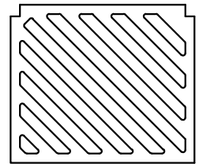
GENERAL NOTES

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.

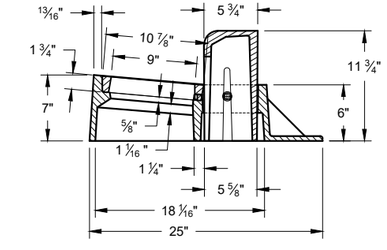
1" DIAGONAL BARS WITH 1 ½" OPENINGS

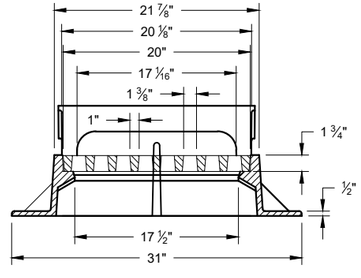


SPECIAL GRATE FOR TYPE "A" COVER

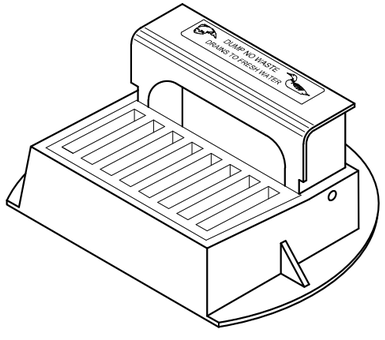
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



INLET COVERS TYPE A, H, A-S, H-S & Z

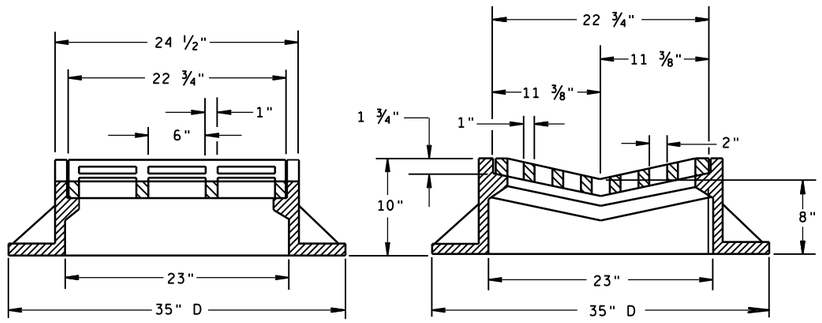
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

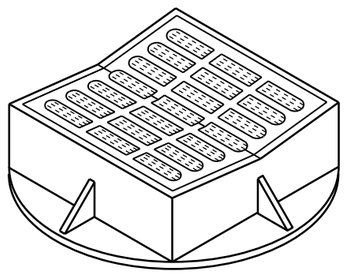
APPROVED
11-27-13 DATE
/S/ Jerry H. Zogg APPROVING ENGINEER
FHWA

SDD 08A05-19a

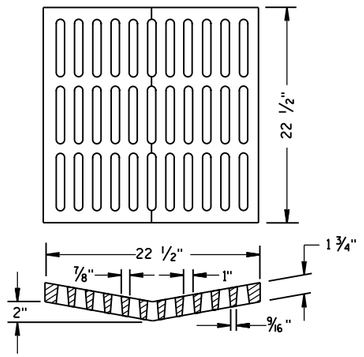
6
SDD 08A05-19a

SDD 8A5-b Inlet Covers Type B, B-A, C, MS, MS-A, and WM



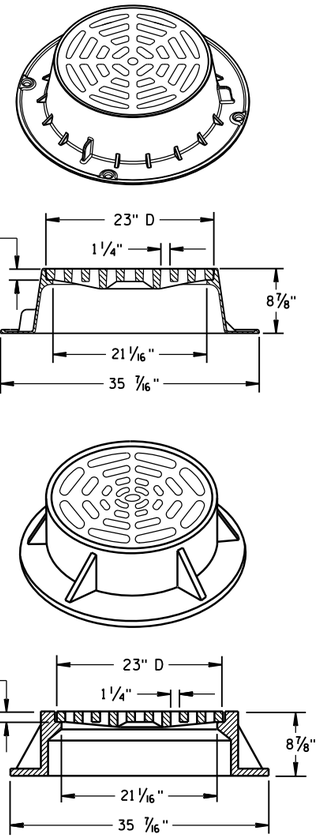


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

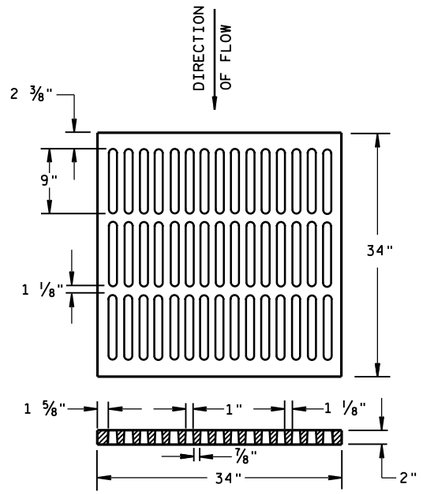
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

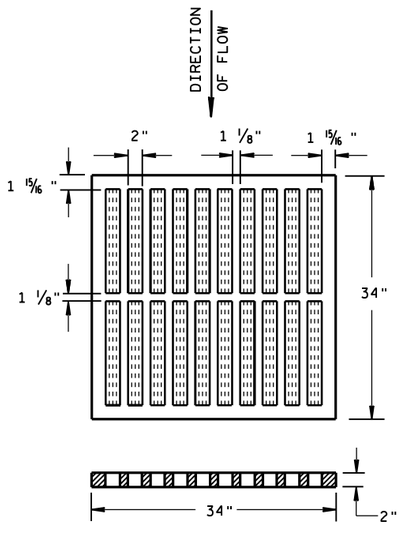
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



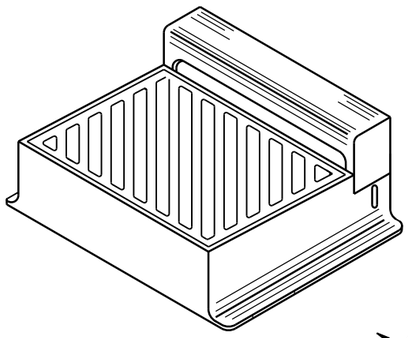
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

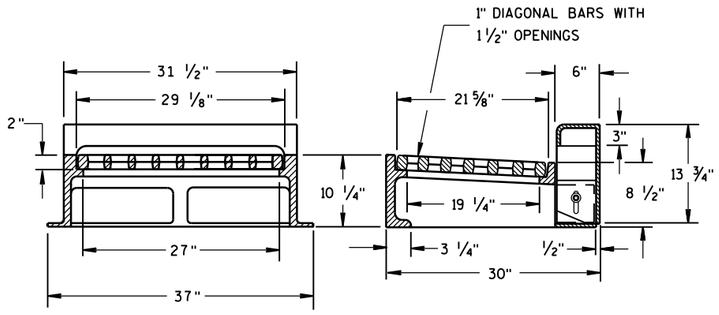


TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

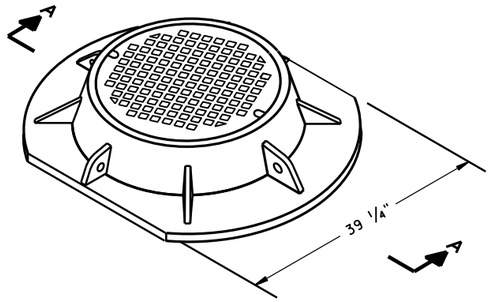
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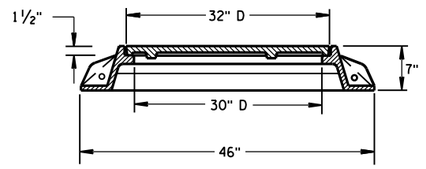
S.D.D. 8 A 5-19b

6

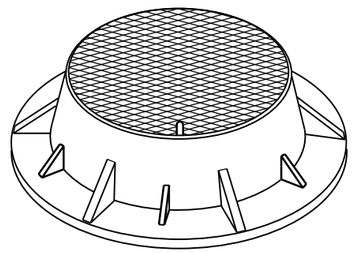
S.D.D. 8 A 5-19b

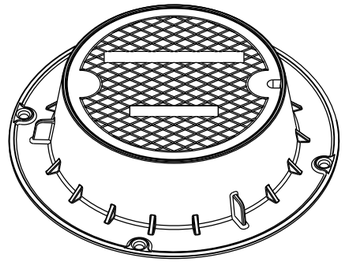
SDD 8A5-d Inlet Covers Type BW; Manhole Covers Type J, J-S, K, L and M

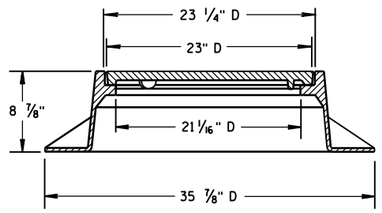


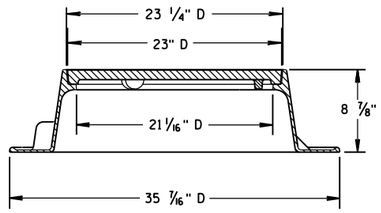


SECTION A-A
TYPE "K"









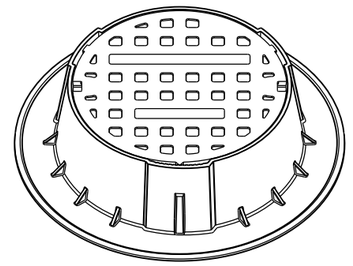
TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

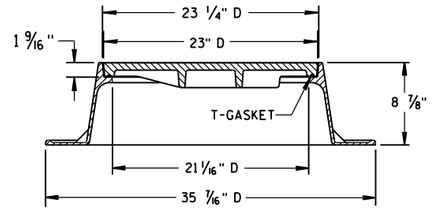
GENERAL NOTES

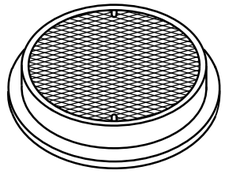
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

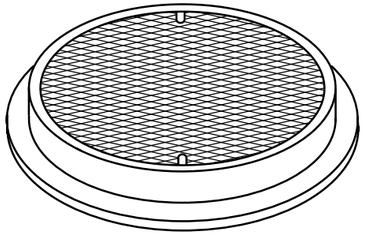
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

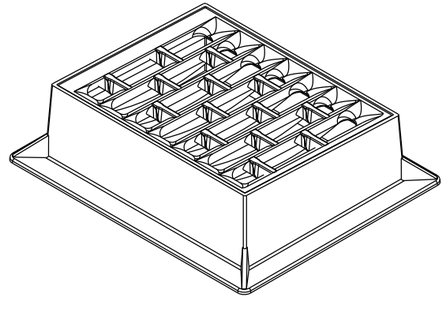
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

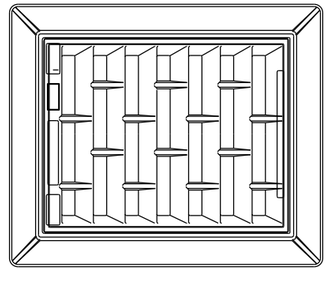


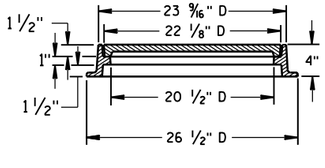




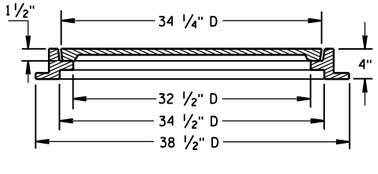




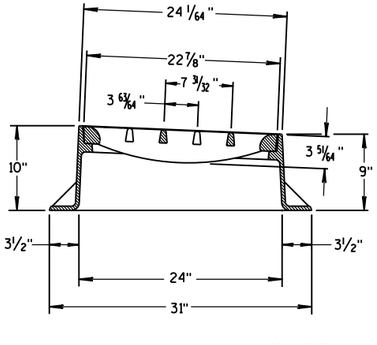


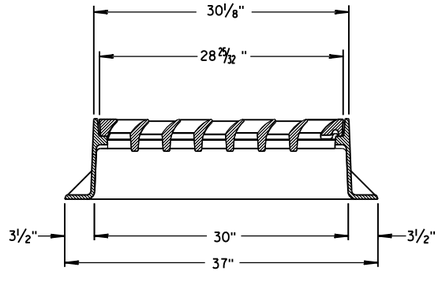


TYPE "L"

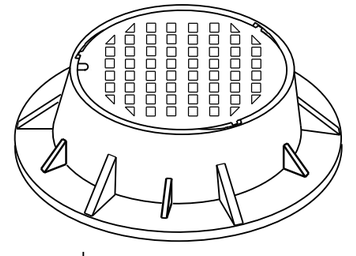


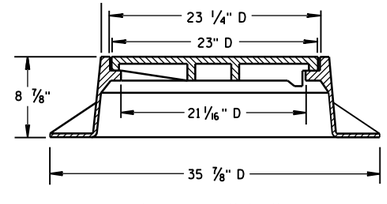
TYPE "M"





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

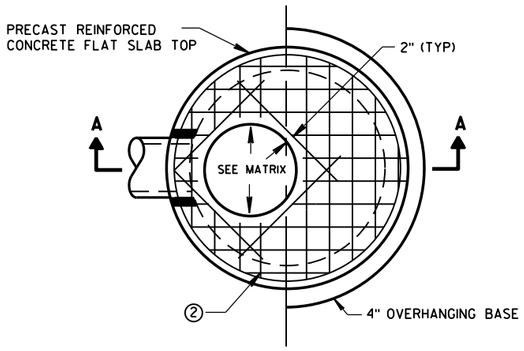
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S.D.D. 8 A 5-19d

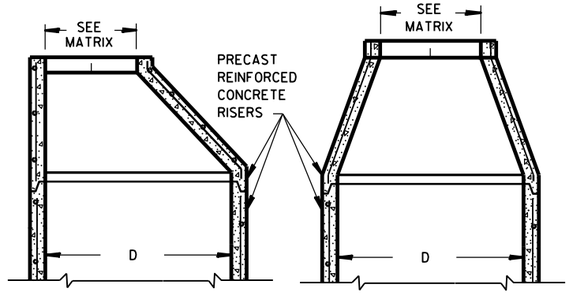
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S.D.D. 8 A 5-19d

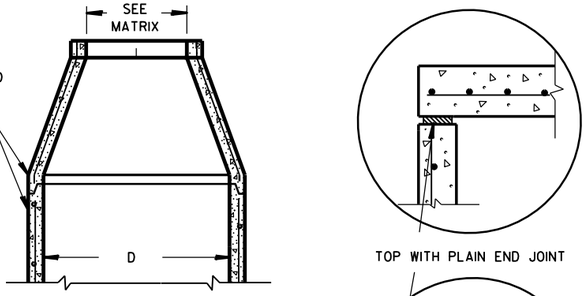
SDD 8A8 Catch Basins 3-FT, 4-FT, 5-FT and 6-FT Diameter



PLAN VIEW CIRCULAR OPENING

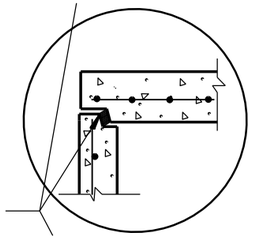


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

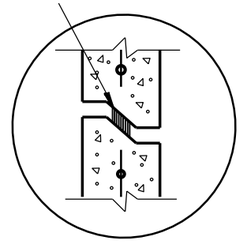


OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

TOP WITH PLAIN END JOINT

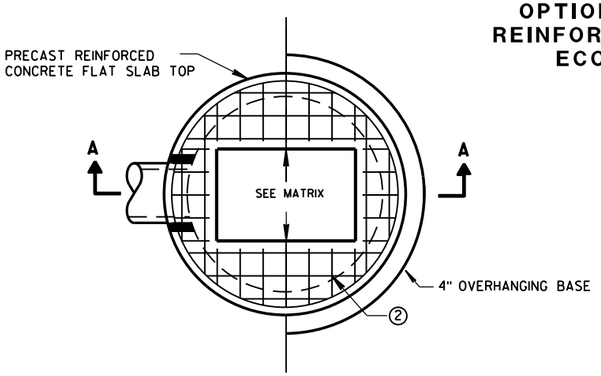


TOP WITH TONGUE AND GROOVE JOINT

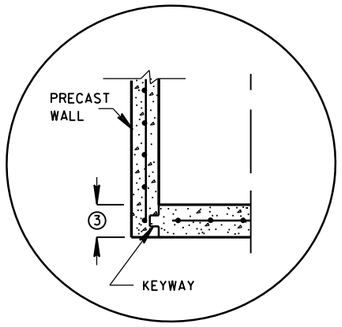


RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

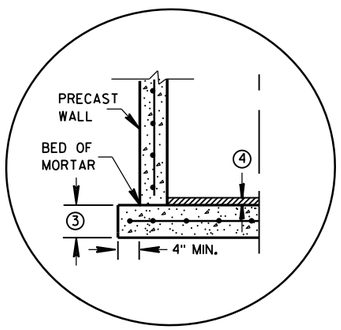


PLAN VIEW RECTANGULAR OPENING



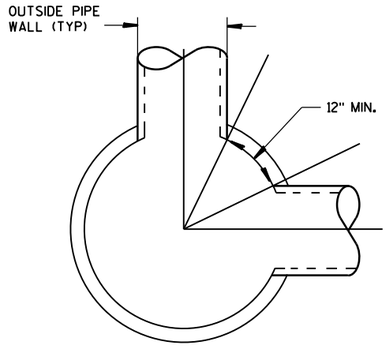
PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)

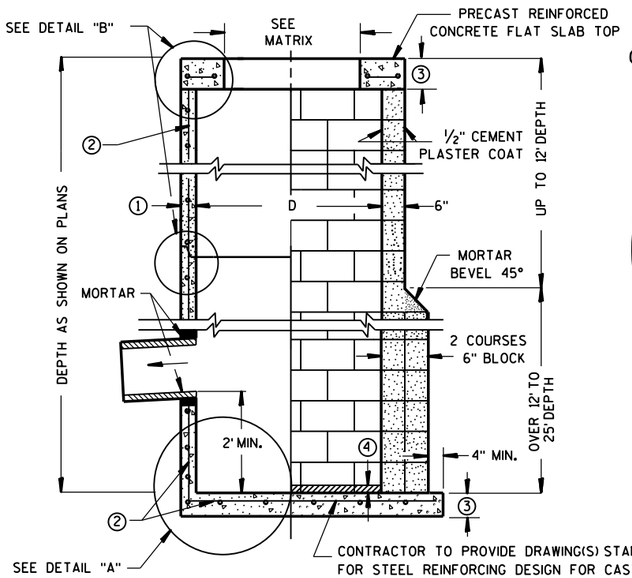


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "C"



CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES

SECTION A-A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST CATCH BASIN UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT AND 7 INCHES FOR 6-FT DIAMETER PRECAST CATCH BASINS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

③ PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

④ 1" CONCRETE KEY POURED AFTER INSTALLATION. 2' SUMP MEASURED FROM TOP OF KEY.

CATCH BASIN COVER OPENING MATRIX

CATCH BASIN SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
	OPENING SIZE (FT)											
3-FT	2X2	X	X					X		X		
	2 DIA.				X							X
4-FT-6-FT	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2 DIA.				X							X
	2X3						X					
	2.5X3					X						

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	30

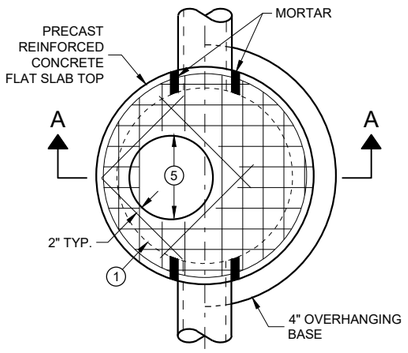
CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER

STATE OF WISCONSIN
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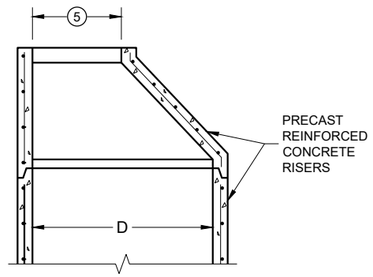
APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER

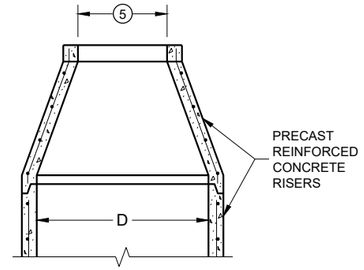
SDD 08B09 Manholes, 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT and 10-FT



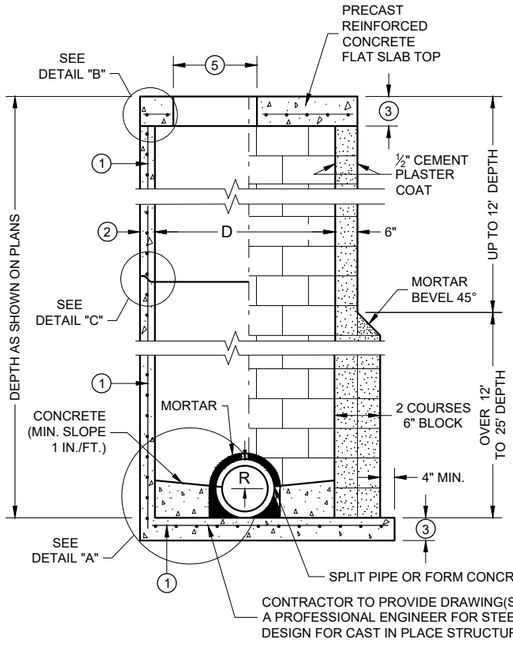
PLAN VIEW
CIRCULAR OPENING



OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP



SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

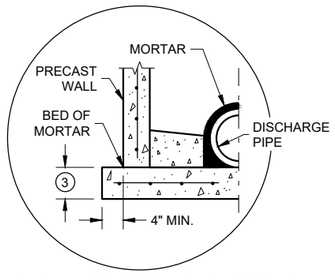
MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

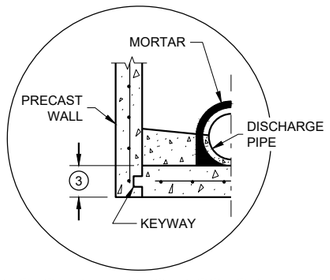
PIPE MATRIX

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.

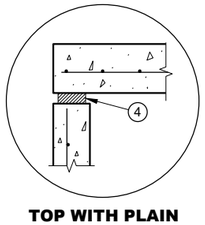


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

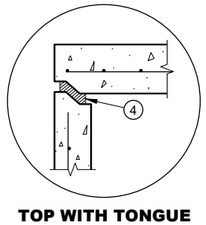


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

DETAIL "A"

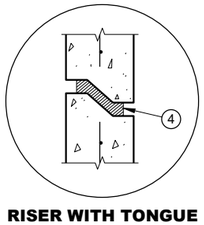


TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT

DETAIL "B"



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "C"

GENERAL NOTES

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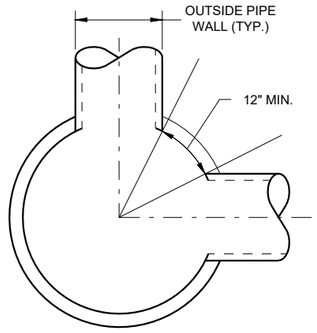
(1) FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(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.



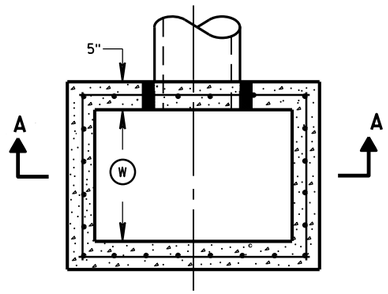
MINIMUM HORIZONTAL PIPE SEPARATION

MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

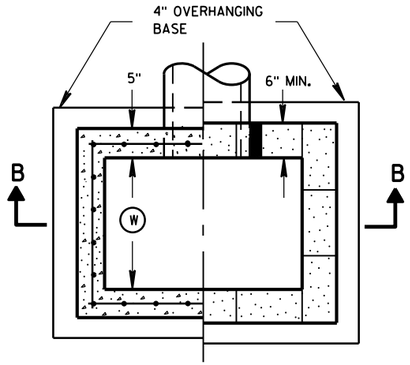
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

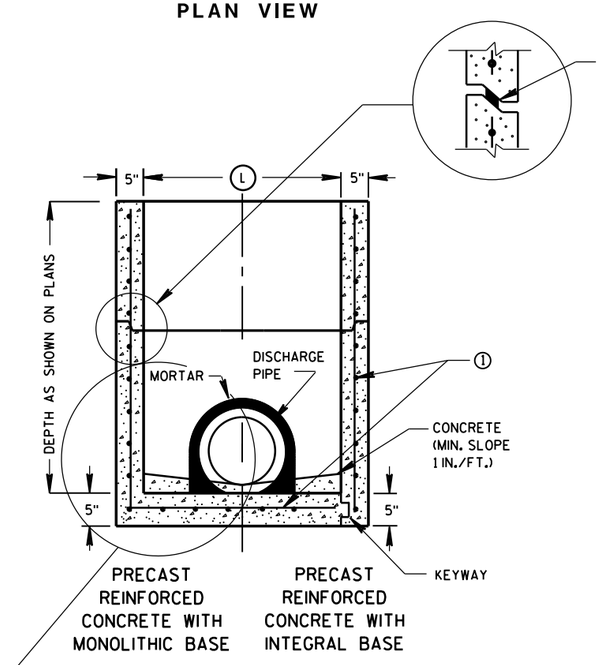
MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER



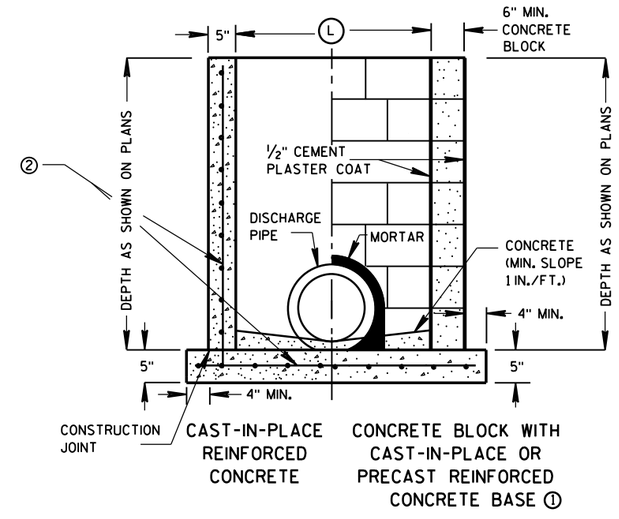
PLAN VIEW



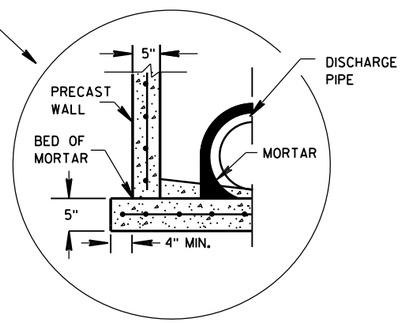
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

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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.

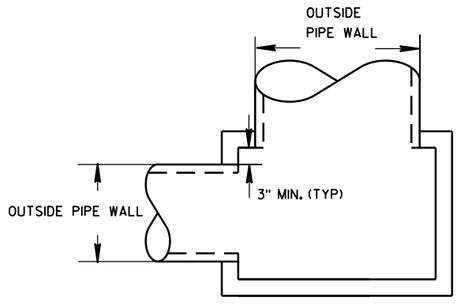
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (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"

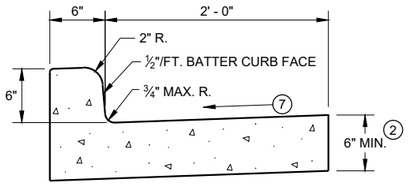
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

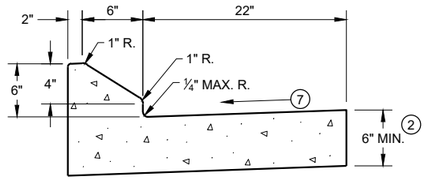
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
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DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

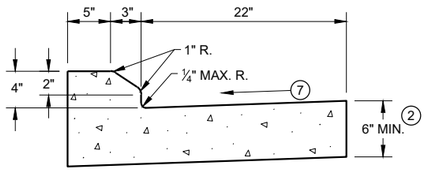
SDD 08D01-a Concrete Curb and Gutter



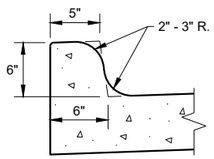
TYPES A (1) & D



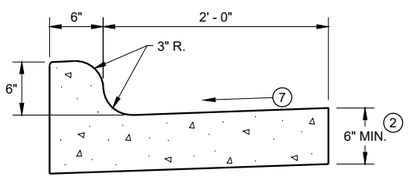
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

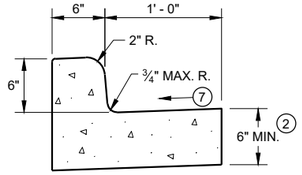


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



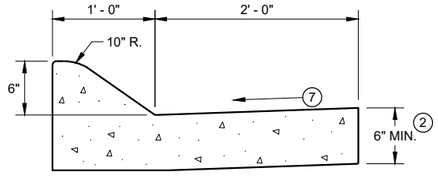
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"



TYPES A (1) & D

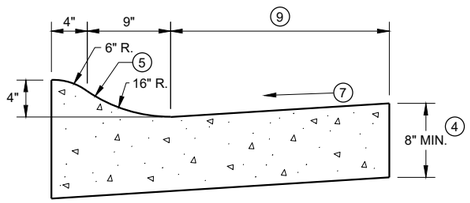
CONCRETE CURB AND GUTTER 18"



6" SLOPED CURB TYPES A (1) & D

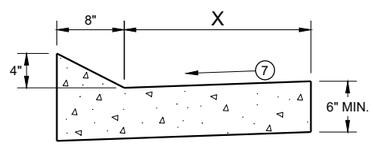
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

TBT & TBTT	X
30"	22"
36"	28"

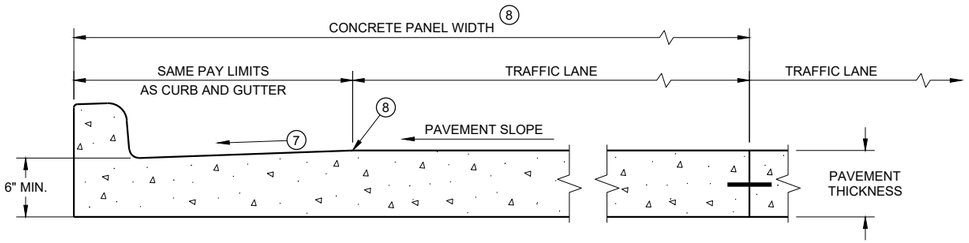


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

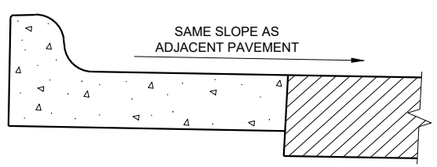
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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.

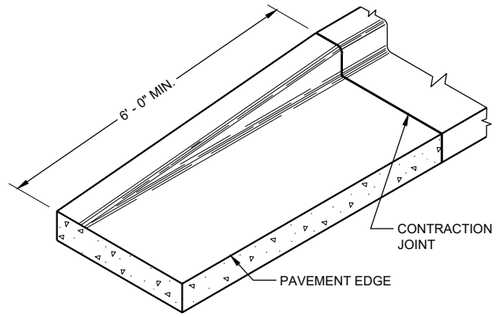
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(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

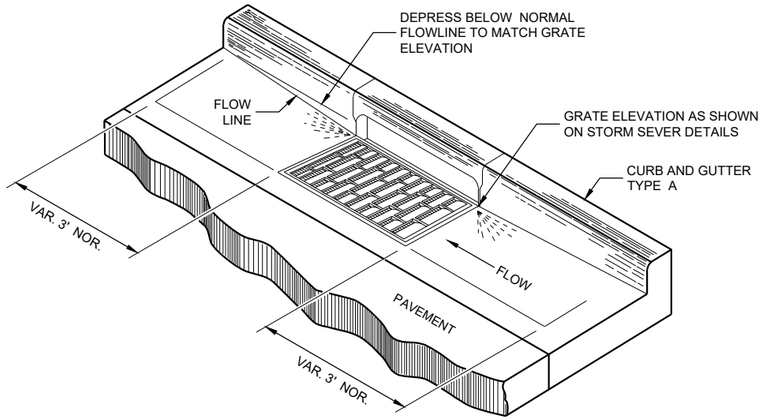
CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D01-b Concrete Gutter, Ties, and Curb and Gutter Applications



END SECTIONCURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS
(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

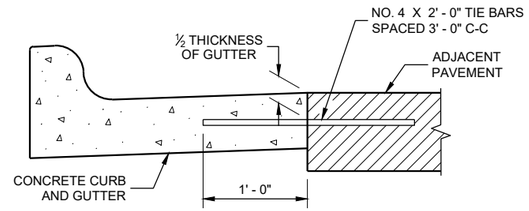
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

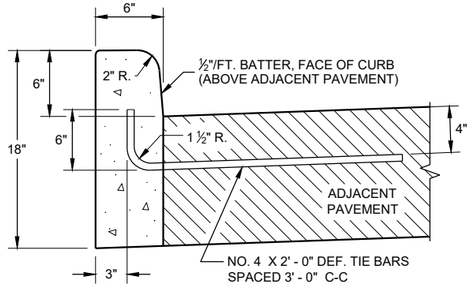
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

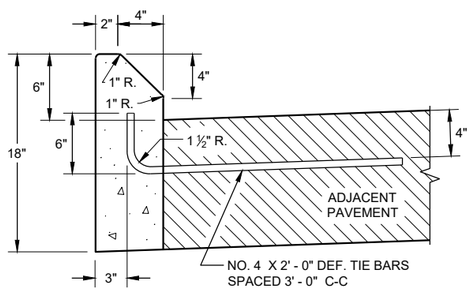
(9) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION (1)

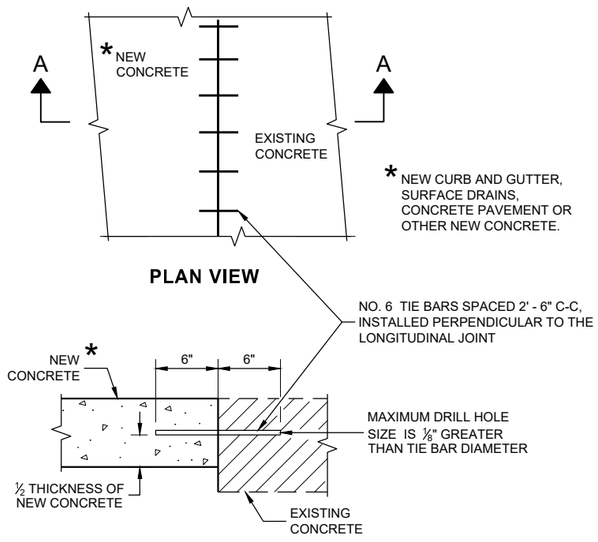


TYPES A (1) & D



TYPES G (1) & J

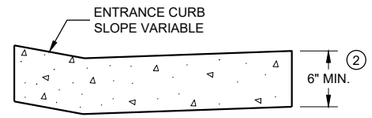
CONCRETE CURB



PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



DRIVEWAY ENTRANCE CURB (9)
(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

SDD 08D01 - 22b

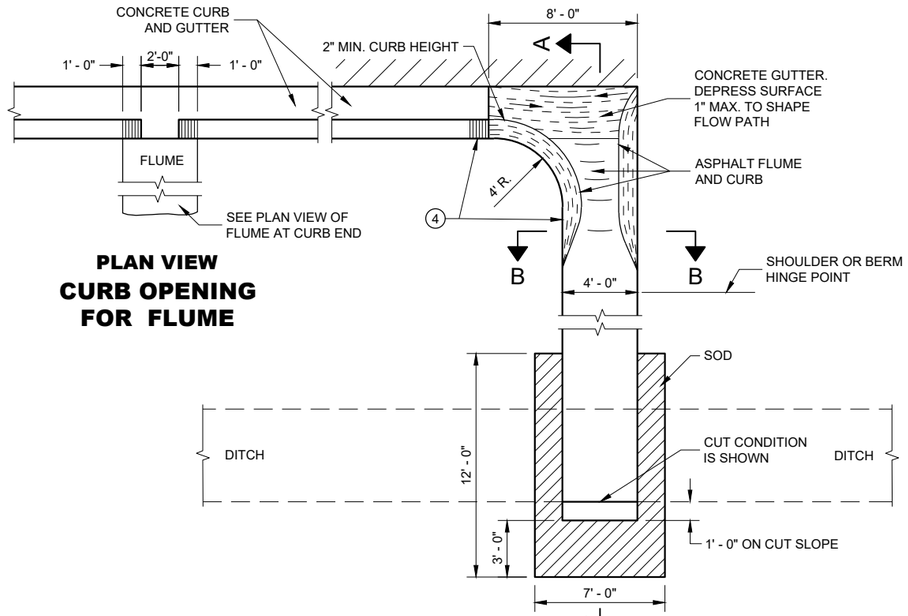
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SDD 08D01 - 22b

SDD 08D04 Concrete Surface Drains and Asphaltic Flumes

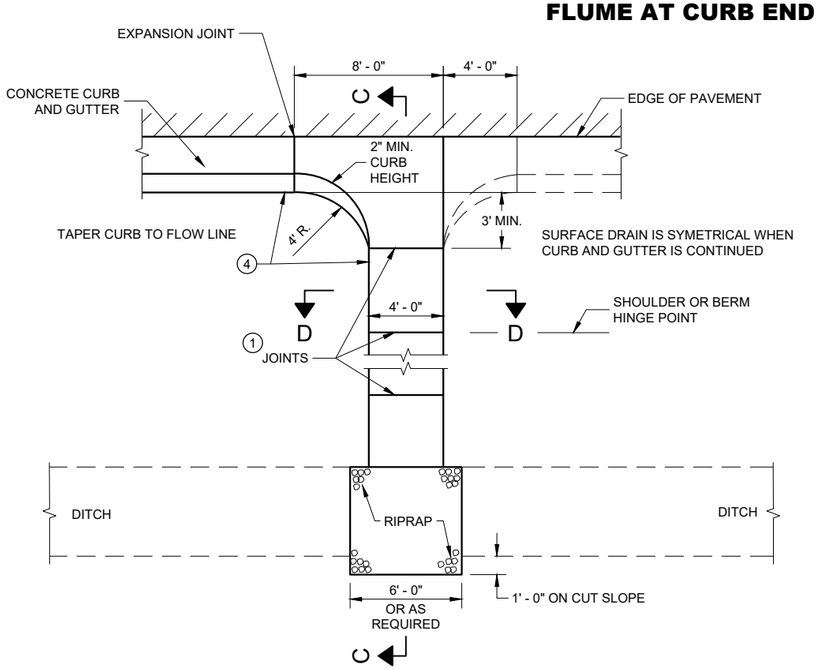
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



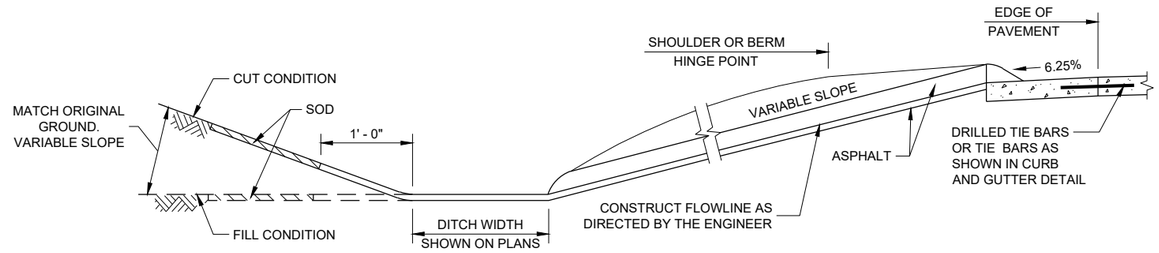
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

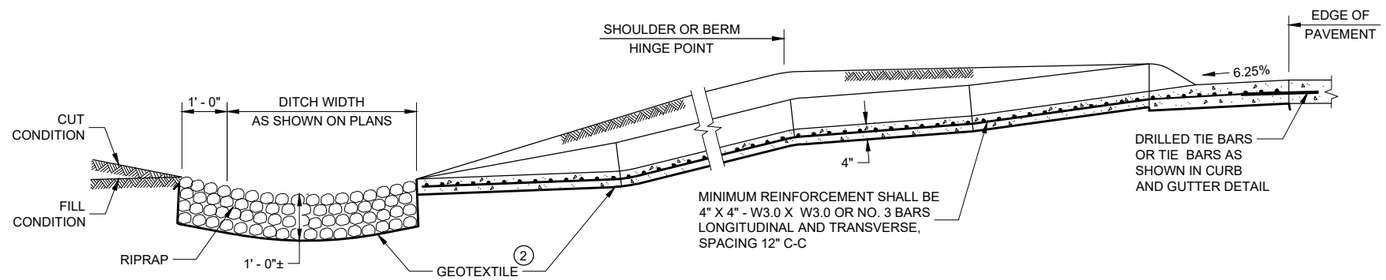
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

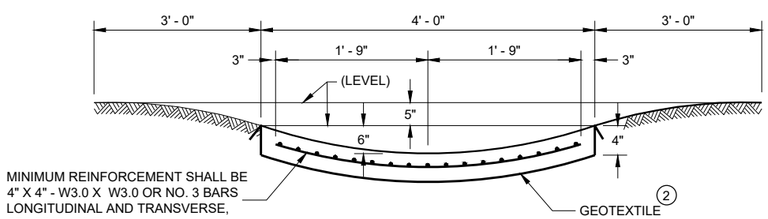


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

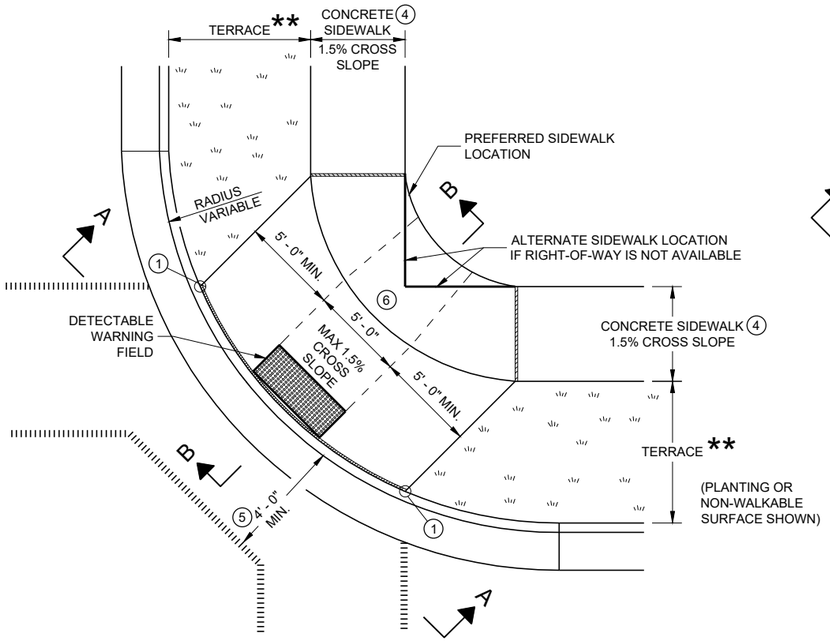
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SDD 08D04 - 06

6

SDD 08D04 - 06

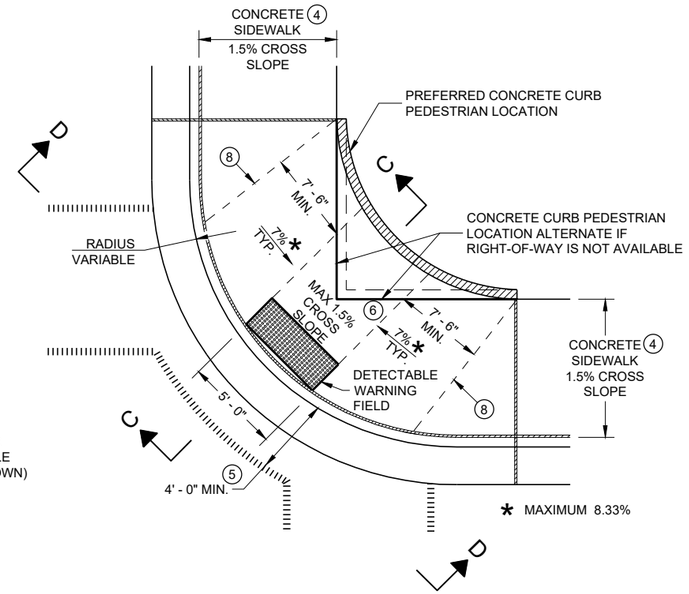
SDD 08D05-a: Curb Ramps Types 1 and 1-A



PLAN VIEW

CURB RAMP TYPE 1

(CENTER OF CORNER RADIUS)



PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

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.

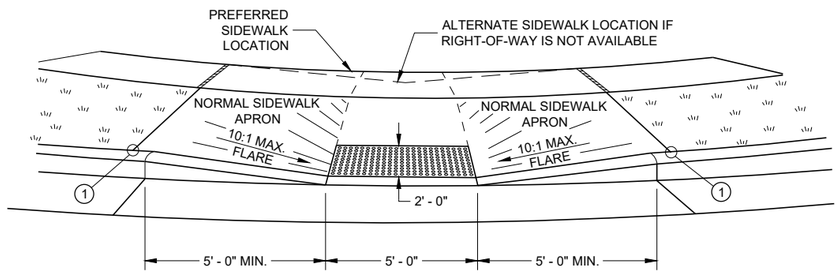
(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

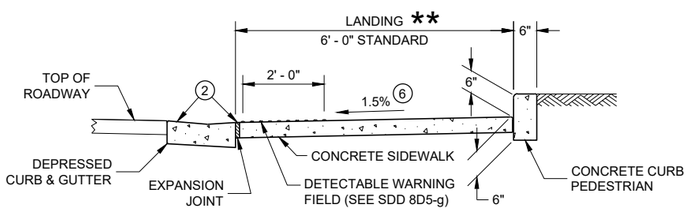
(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

(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.



VIEW A - A FOR TYPE 1

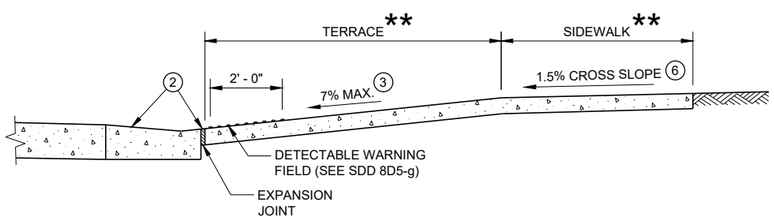


SECTION C - C FOR TYPE 1 - A

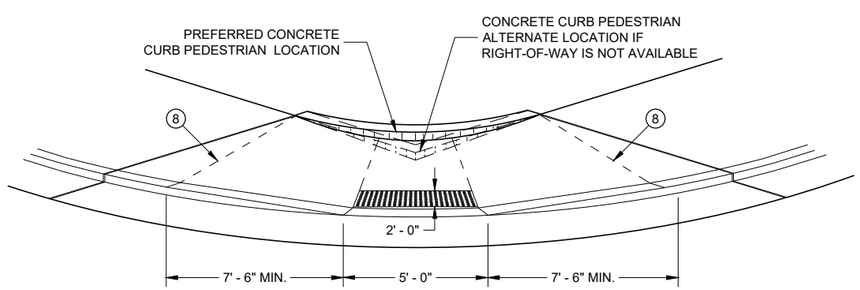
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

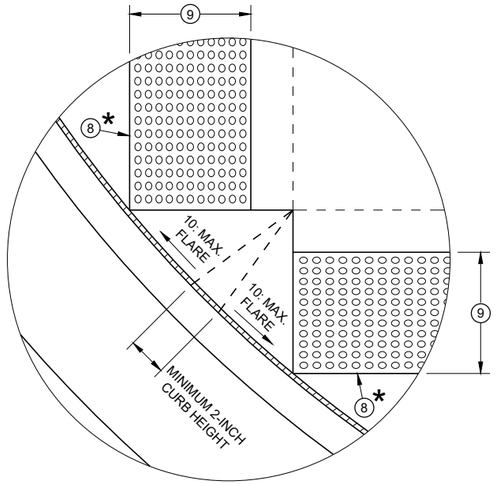
6

SDD 08D05 - 20a

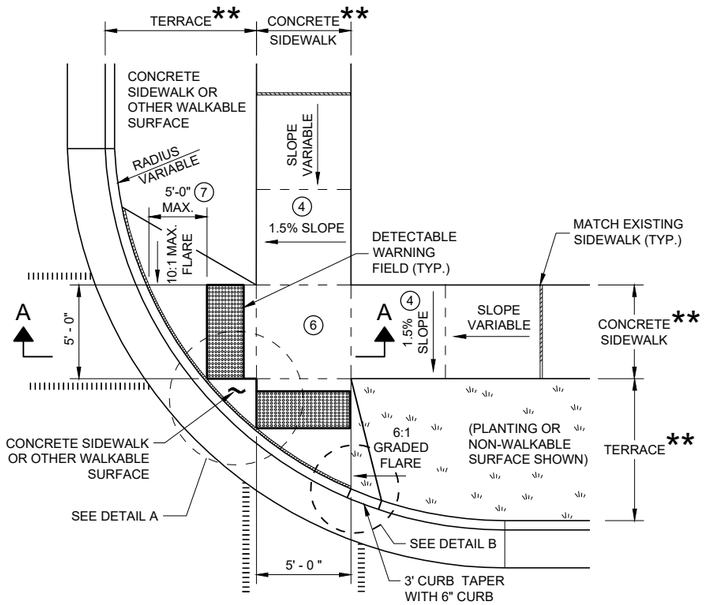
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SDD 08D05 - 20a

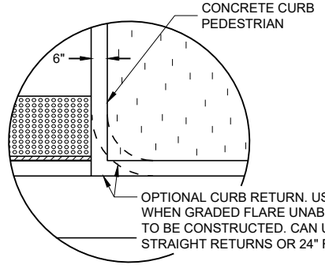
SDD 08D05-b Curb Ramps Types 2 and 3



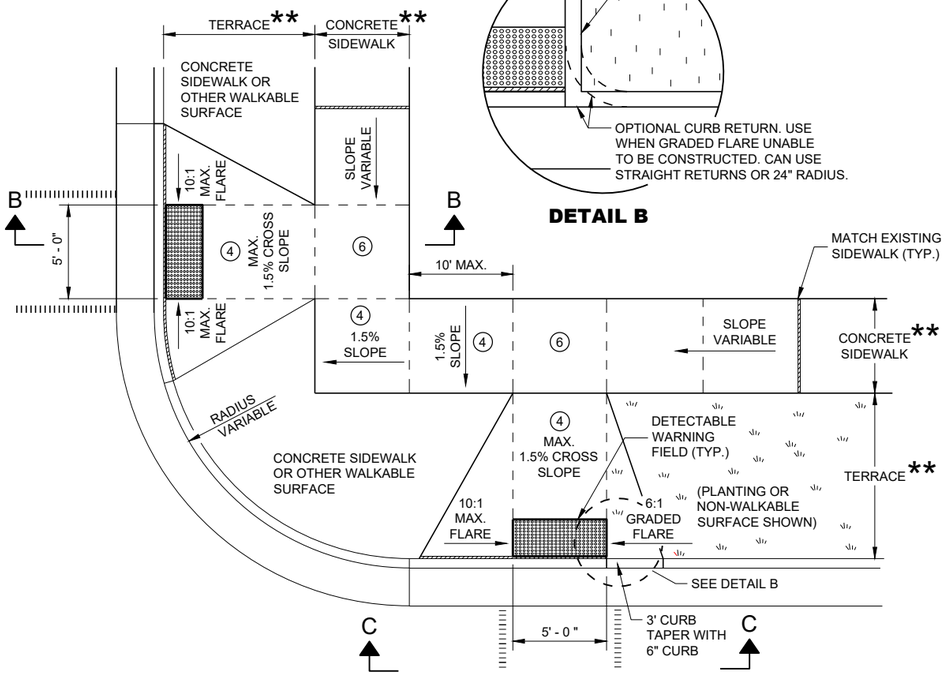
DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)



DETAIL B



PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)

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.

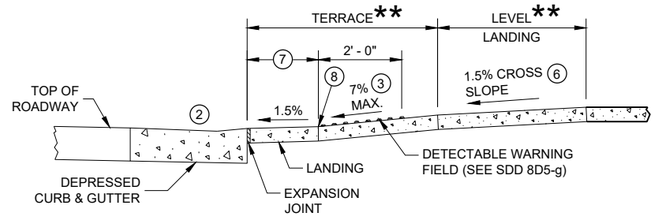
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(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.

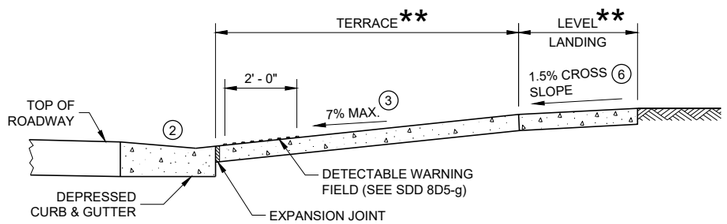
(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.



SECTION A - A FOR TYPE 2

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

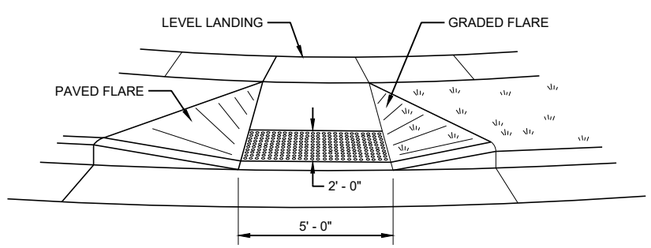
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B - B FOR TYPE 3

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)



VIEW C - C FOR TYPE 3

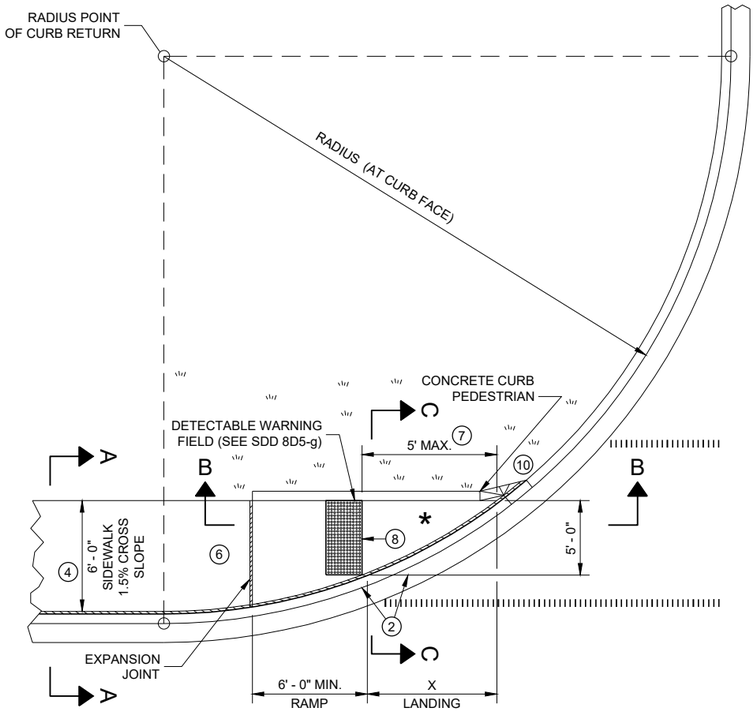
CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D05 - 20b

SDD 08D05-c Curb Ramps Types 4A and 4A1

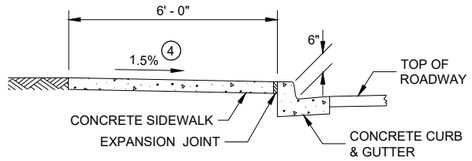


PLAN VIEW

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.

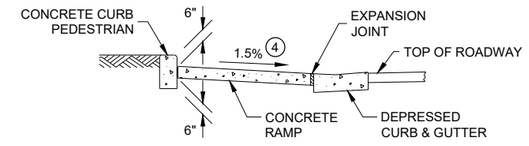
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

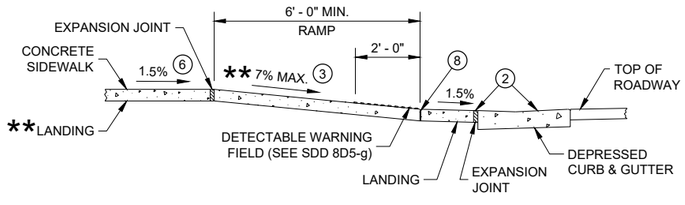
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)



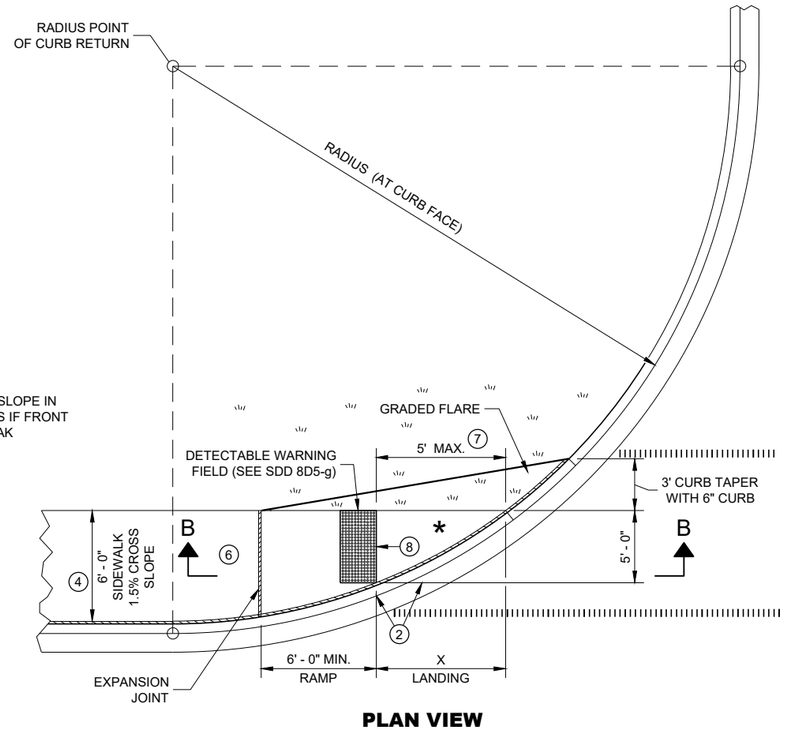
SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1

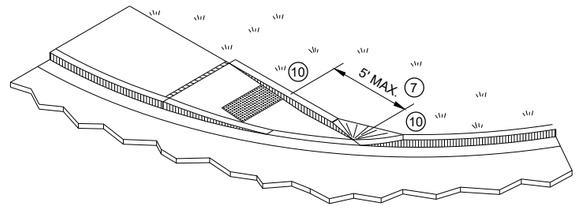
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

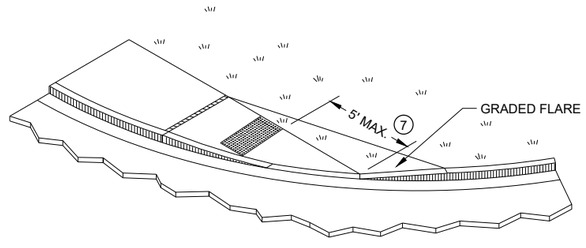


PLAN VIEW

CURB RAMP TYPE 4A1



ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

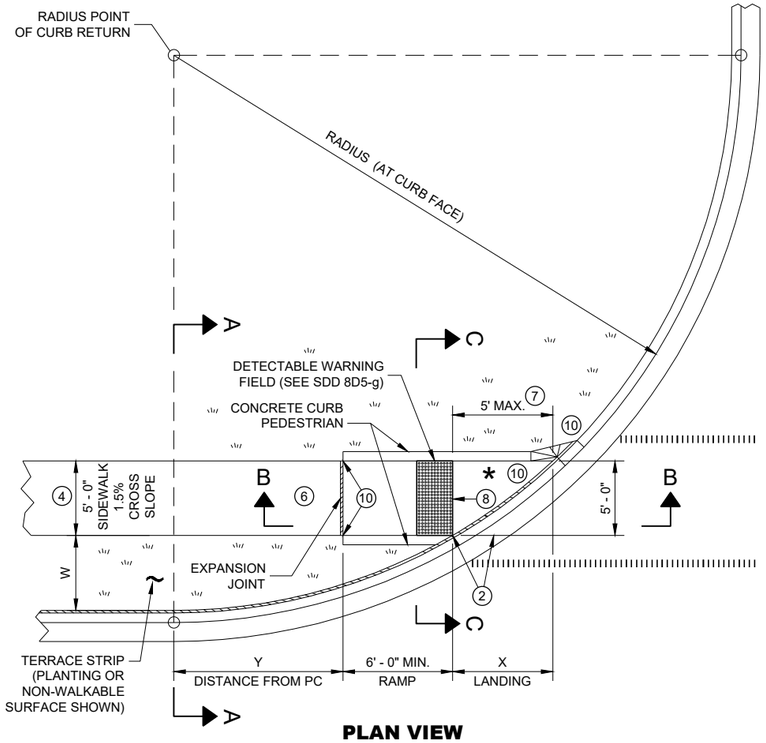
CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D05 - 20c

SDD 08D05-d: Curb Ramps Types 4B and 4B1



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

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.

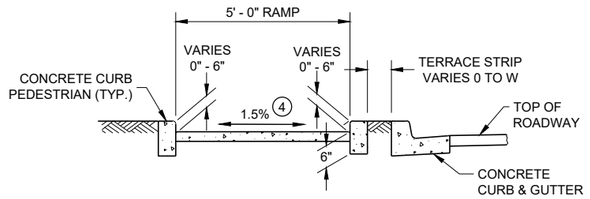
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

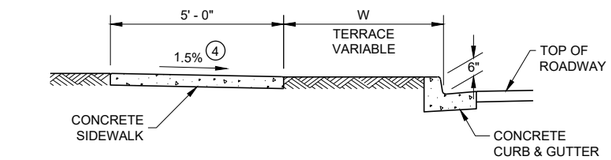
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

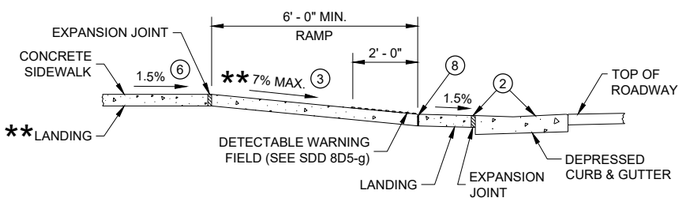
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



SECTION C - C FOR TYPE 4B



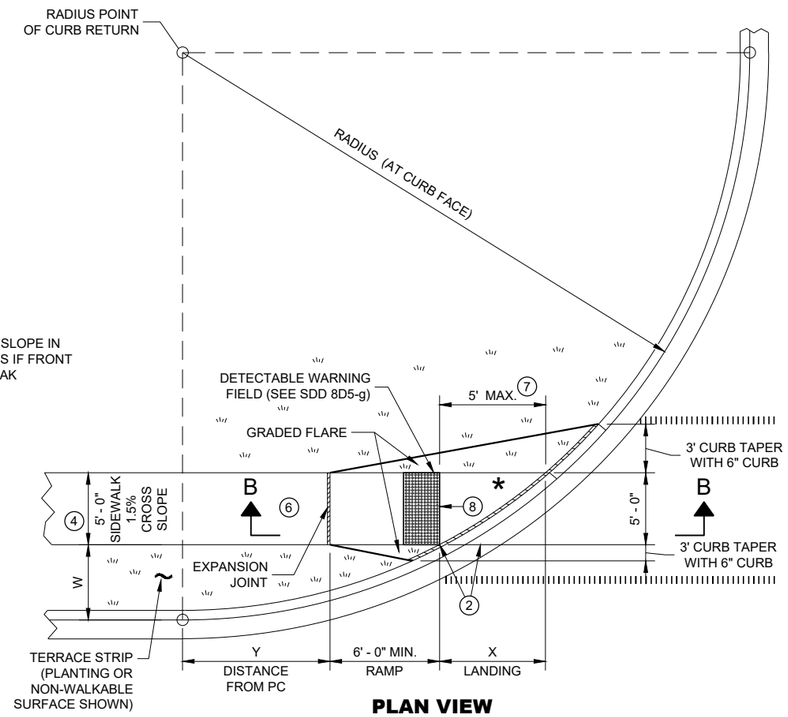
SECTION A - A FOR TYPE 4B



SECTION B - B FOR TYPE 4B AND TYPE 4B1

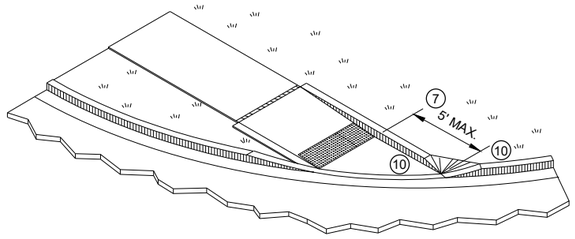
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

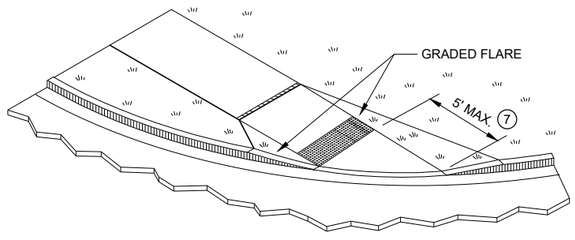


PLAN VIEW

CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

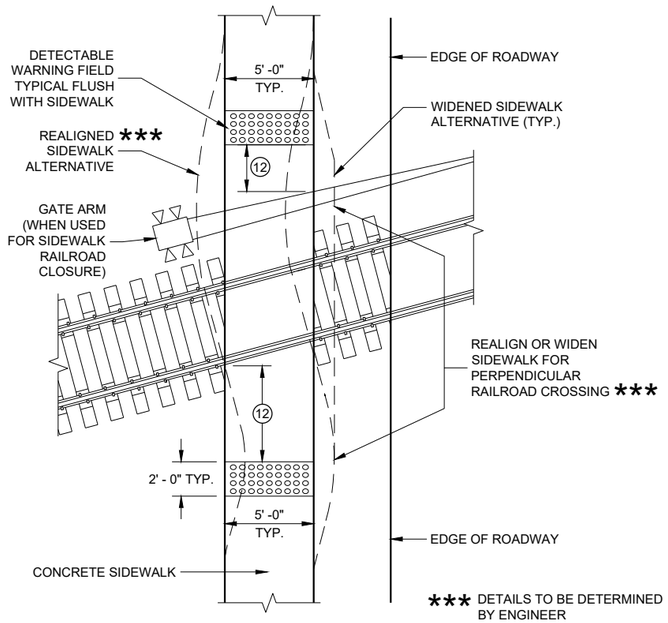
CURB RAMPS TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05 - 20d

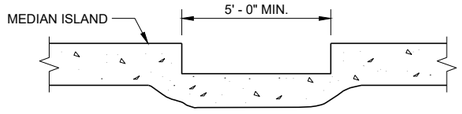
6

SDD 08D05-e: Curb Ramps Types 5, 6, 7A, 7B and 8

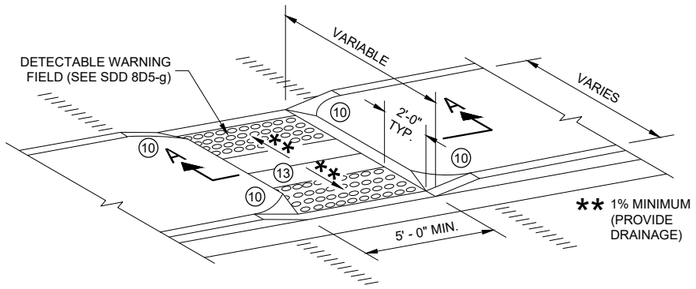


CURB RAMP TYPE 8

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.

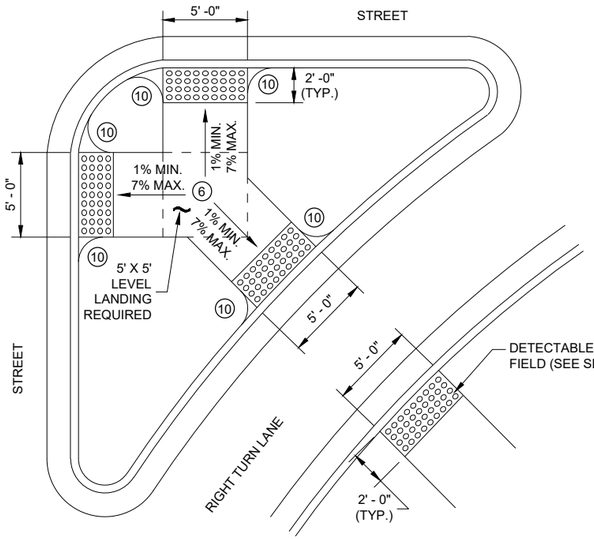
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(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

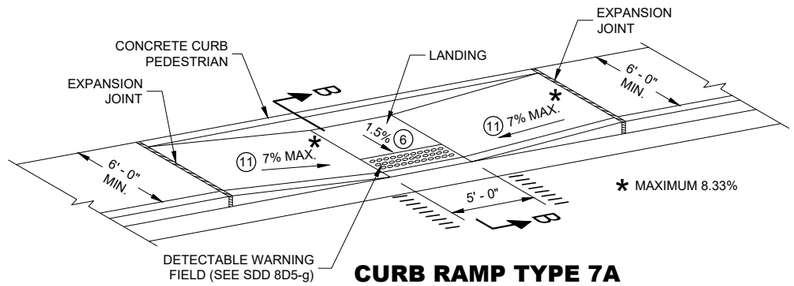
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

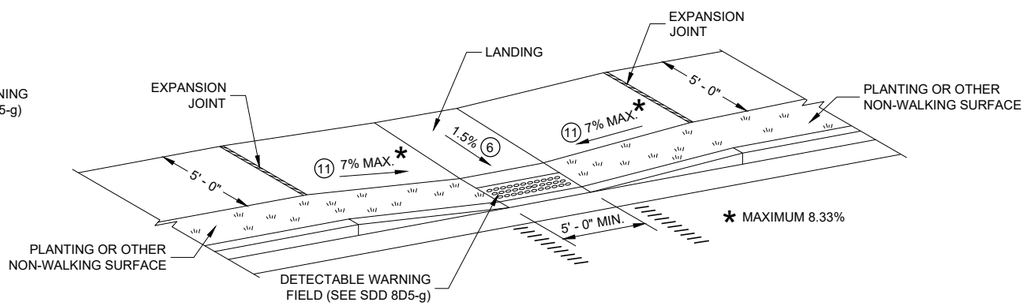
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7A

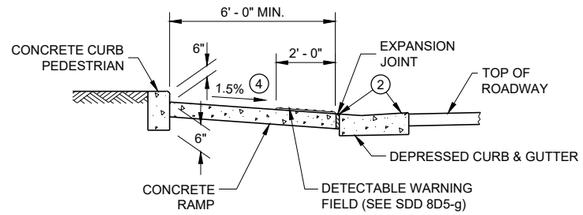
MID BLOCK CROSSING



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
DEPARTMENT OF TRANSPORTATION

6

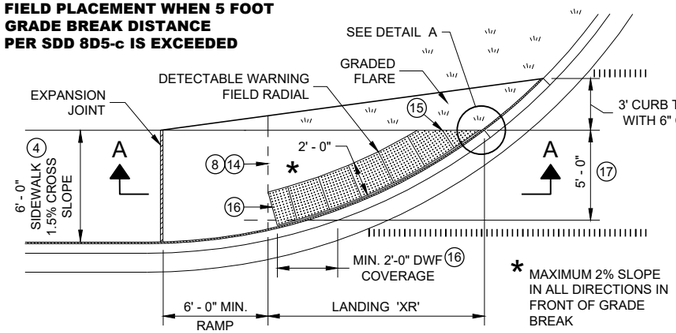
SDD 08D05 - 20e

6

SDD 08D05 - 20e

SDD 08D05-f Curb Ramps Radial Detectable Warning Field Applications

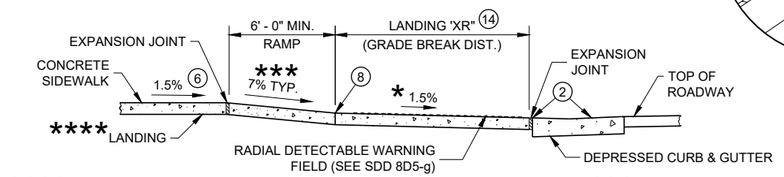
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 4A1

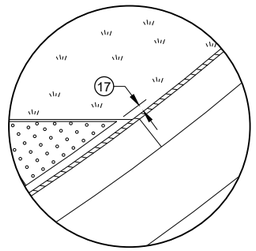
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1



DETAIL A

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.

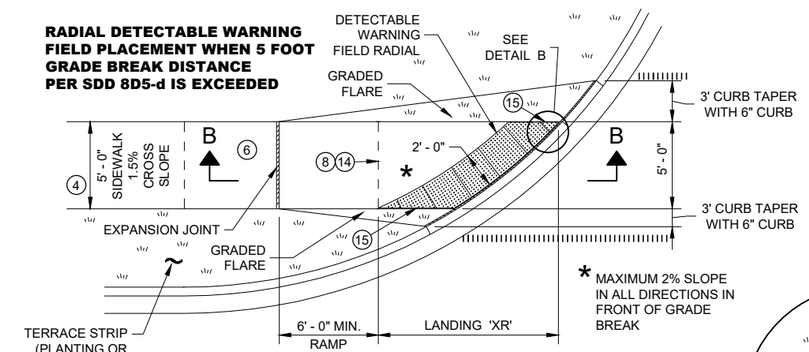
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(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.

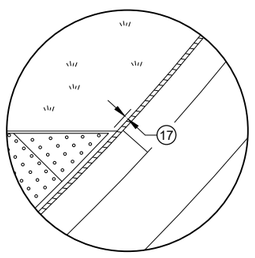
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



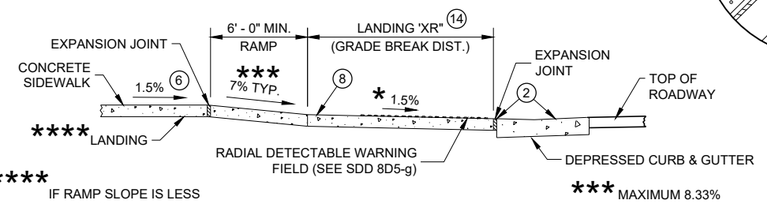
PLAN VIEW

CURB RAMP TYPE 4B1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B

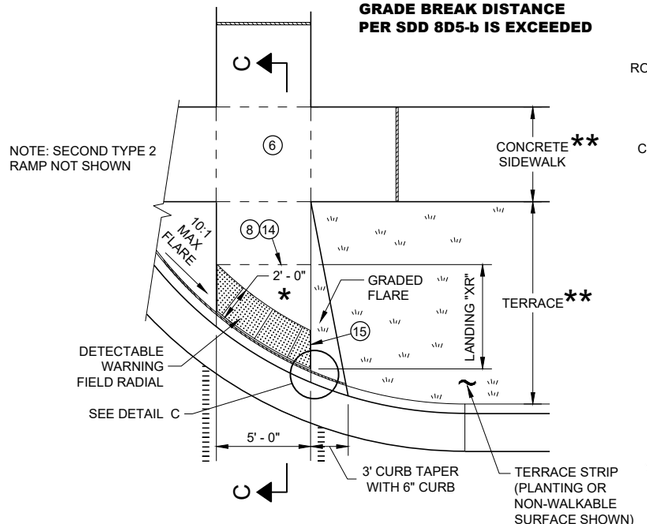


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

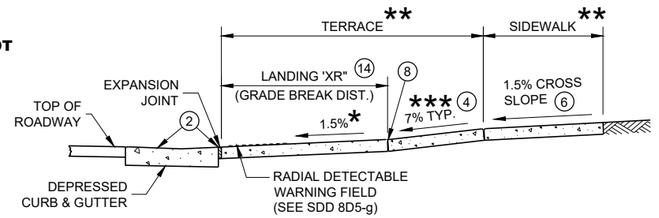


PLAN VIEW

CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)

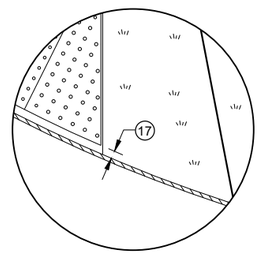


SECTION C - C FOR TYPE 2

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%



DETAIL C

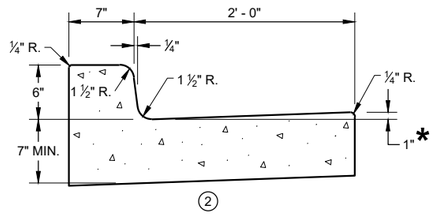
CURB RAMPS
RADIAL DETECTABLE WARNING FIELD APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

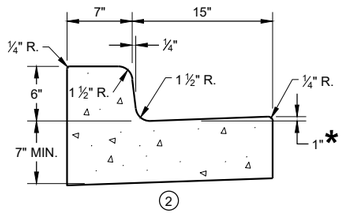
SDD 08D05 - 20f

SDD 08D16 Concrete Gutter, Curb and Gutter and Pavement Ties

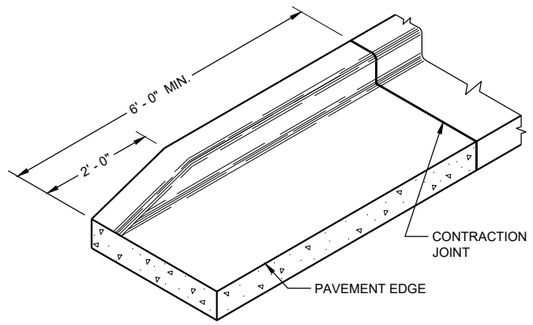


CONCRETE CURB AND GUTTER 31" ①

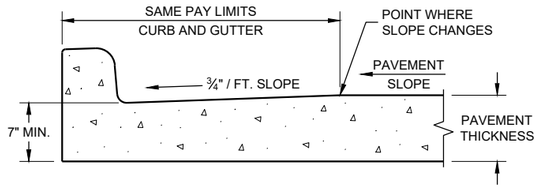
*TO BE MEASURED TO A MAXIMUM OF 3" WHERE DRAINAGE PROBLEMS EXIST.



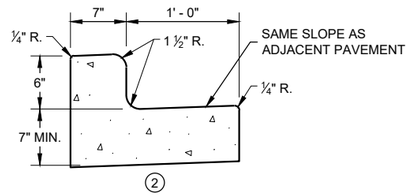
CONCRETE CURB AND GUTTER 22" ①



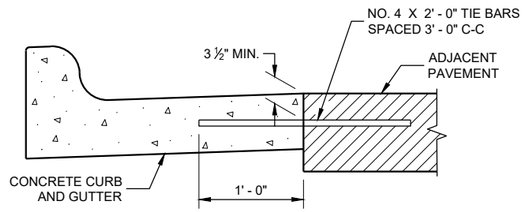
END SECTIONCURB AND GUTTER



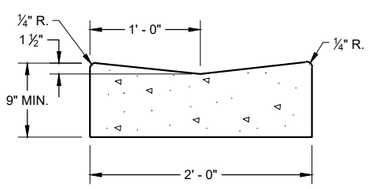
PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER



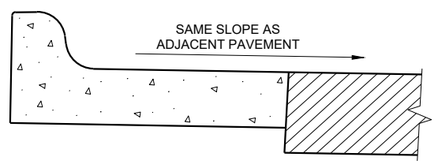
CONCRETE CURB AND GUTTER 19" ①



TYPICAL TIE BAR LOCATION ①



CONCRETE GUTTER 24" ①



HIGH SIDE SECTION ③
(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.

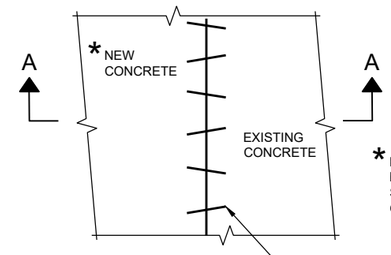
INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

① WHEN PLACED ADJACENT TO NEW CONCRETE, TIE BARS ARE REQUITED FOR CURB AND GUTTER 31", 22", 19" AND CONCRETE GUTTER 24".

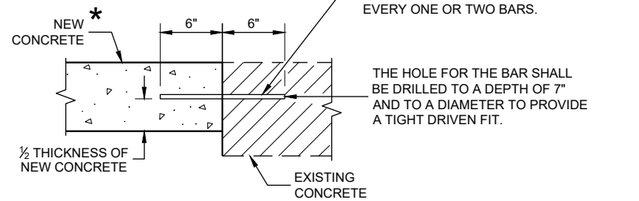
② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COURSE PROVIDED A 7" MINIMUM GUTTER THICKNESS IS MAINTAINED.

③ WHEN HIGH SIDE CURB SECTION IS REQUIRED, THE LOCATION(S) WILL BE NOTED ON THE PLANS



PLAN VIEW

* EXISTING AND NEW CONCRETE MAY BE CURB AND GUTTER, SURFACE DRAINS, PAVEMENT OR OTHER CONCRETE STRUCTURE.



SECTION A - A

PAVEMENT TIES

CONCRETE GUTTER, CURB AND GUTTER AND PAVEMENT TIES
(For Optional use in Milwaukee Co. Only)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

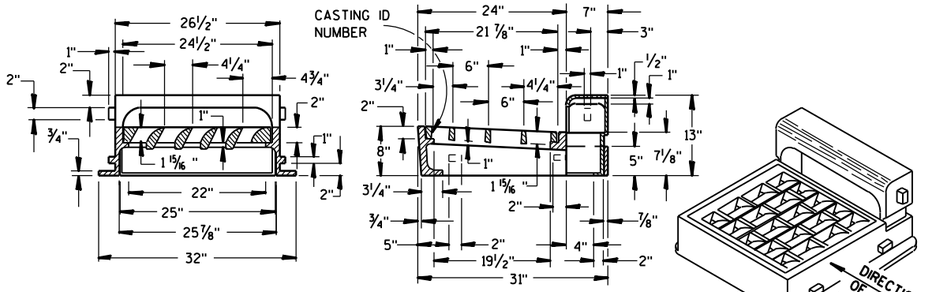
APPROVED
February 2020
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT ENGINEER

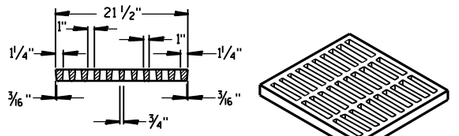
FHWA

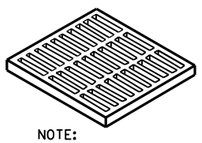
6
SDD 08D16 - 11

INLET COVERS

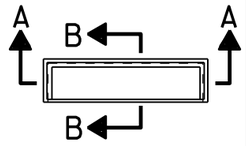


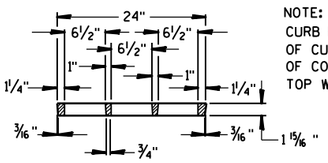
TYPE "R"
SHOWING SPECIAL GRATE NO. 1
(TO BE NOTED AS R-1 IN DRAINAGE TABLE)



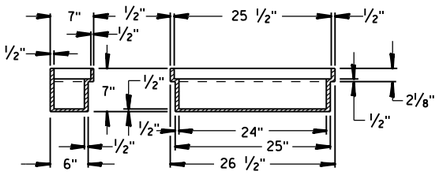


(APPROX. WEIGHT - 510 LBS.)
FRAME..... 245 LBS.
CURB..... 120 LBS.
GRATE..... 145 LBS.





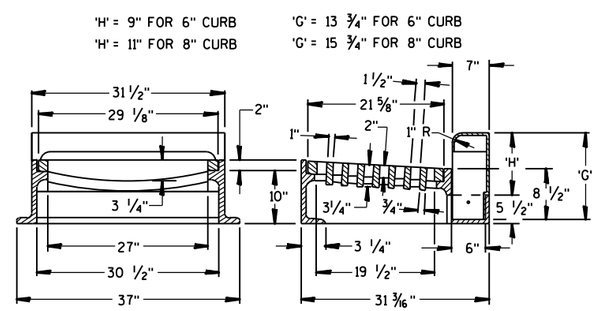
NOTE:
CURB PLUG USED IN PLACE OF CURB BOX IN ABSENCE OF CONC. CURB. FILL TO TOP WITH CONCRETE.



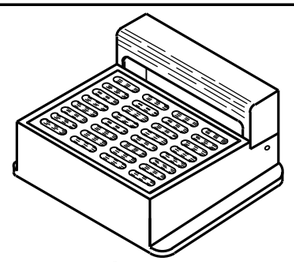
GRATE FOR TYPE "R" INLET COVER
(GRATE..... 150 LBS.)
(TO BE USED UNLESS OTHERWISE NOTED IN DRAINAGE TABLE)

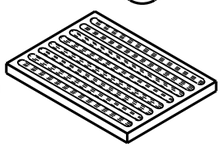
SECTION B-B SECTION A-A

SPECIAL CURB PLUG "P"
(CURB PLUG..... 85 LBS.)
(TO BE NOTED AS R-P IN DRAINAGE TABLE)

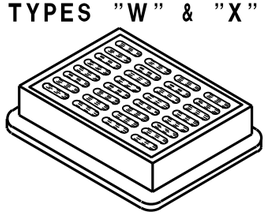


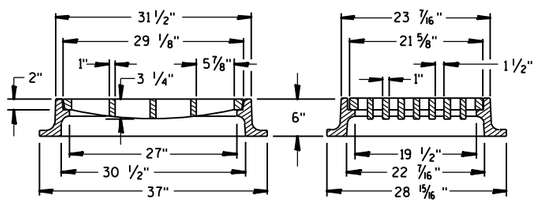
TYPE "W"
(APPROX. WEIGHT - 670 LBS.)
FRAME..... 350 LBS.
CURB BOX..... 135 LBS.
GRATE..... 185 LBS.





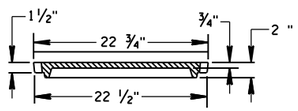
ALTERNATE GRATE
(FOR EXPRESSWAY RAMPS)
TYPES "W" & "X"



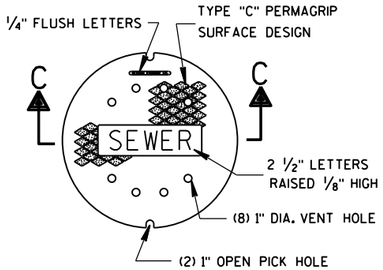


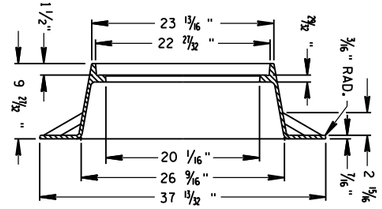
TYPE "X"
(APPROX. WEIGHT - 470 LBS.)

MANHOLE COVER



SECTION C-C





TYPE "Q"
(APPROX. WEIGHT - 290 LBS.)

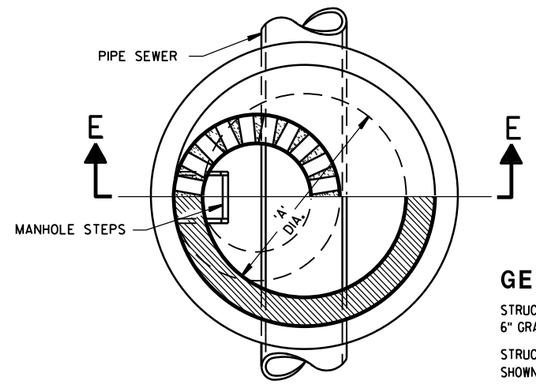
TABLE OF DIMENSIONS

TYPE	'A'	'B'	'C'
11	3'-6"	2'-8"	12" - 36"*
12	4'-0"	3'-8"	12" - 42"**
13	5'-0"	5'-8"	42" - 48"
14	6'-0"	7'-8"	54" - 60"

* 12" - 21" FOR PRECAST MANHOLES
** 12" - 24" FOR PRECAST MANHOLES

THE FIRST STEP SHALL BE PLACED 16" ABOVE THE BENCH.

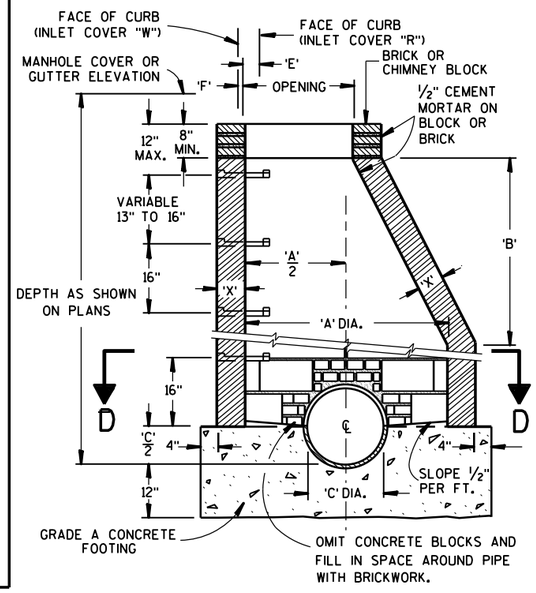
MANHOLE



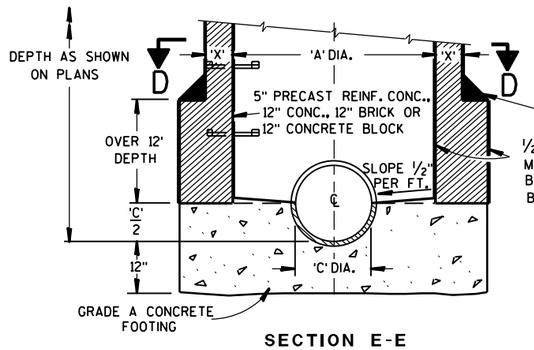
HALF SECTION D-D

TABLE OF OPENING DIMENSIONS

COVER TYPE	DESCRIPTION	OPENING	'E'	'F'
"O"	ROUND	2'-2" DIA.	—	—
"W"	CURB BOX	1'-8" X 2'-6"	—	1"
"X"	INLET	1'-10" X 2'-6"	—	—
"R"	CURB BOX	2'-0" X 2'-1"	4"	—



SECTION E-E



SECTION E-E

TYPES 11, 12, 13 & 14

GENERAL NOTES

STRUCTURE WALL THICKNESS 'X' TO BE 8" BRICK, 6" CONCRETE BLOCK, 6" GRADE A CONCRETE OR 5" PRECAST REINFORCED CONCRETE.

STRUCTURE FOOTINGS ARE TO BE GRADE A CONCRETE OF THE THICKNESS SHOWN IN THE DETAIL OR 5" PRECAST REINFORCED CONCRETE.

REINFORCEMENT FOR 5" PRECAST REINFORCED CONCRETE SHALL BE 6" X 6" W16 X W16 WELDED SREEL WIRE FABRIC AND SHALL BE EMBEDDED 2" CLEAR.

PRECAST INLET UNITS AND BASES SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

PRECAST CONCRETE FLAT SLAB TOPS MAY BE USED ON THE STRUCTURES. THE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6" IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR GRANULAR BACK-FILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

SET FRAME ELEVATION 0.03 FT. LOWER THAN ELEVATION INDICATED ON THE PLANS.

THE CONTRACTOR MAY FORM AND POUR MONOLITHIC CONCRETE INVERT PROVIDED THE PIPE ENDS ARE EXTENDED INTO THE M.H. AND NOT TERMINATED WITHIN THE M.H. WALLS.

MANHOLE STEPS

STEPS MEETING THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH; 16 INCH C-C MAX. SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM WALL EMBEDMENT OF 3 INCHES IN PRECAST MANHOLE AND 6 INCHES IN 8 INCH BRICK OR 6 INCH BLOCK MANHOLE; TREAD OF STEP SHALL HAVE A NON-SKID SURFACE AND BE FLANKED BY CLEATS, WITH A MINIMUM OF 10 INCHES CLEAR BETWEEN CLEATS, TO PREVENT FOOT SLIPPING OFF THE EDGE CLEATS SHALL BE A MINIMUM OF 3/4 INCH HIGH BY 3/4 INCH WIDE HAVING A MINIMUM THICKNESS OF 3/8 INCH. STEPS SHALL BE CAPABLE OF SUPPORTING A CONCENTRATED LOAD OF 300 LBS. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

SOLID ALUMINUM STEPS SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 0.75 INCH. ALUMINUM SURFACES TO BE EMBEDDED IN CONCRETE SHALL BE GIVEN ONE COAT OF SUITABLE QUALITY PAINT, SUCH AS ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT-P-645 OR EQUIVALENT. STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCING BAR WILL BE ACCEPTABLE.

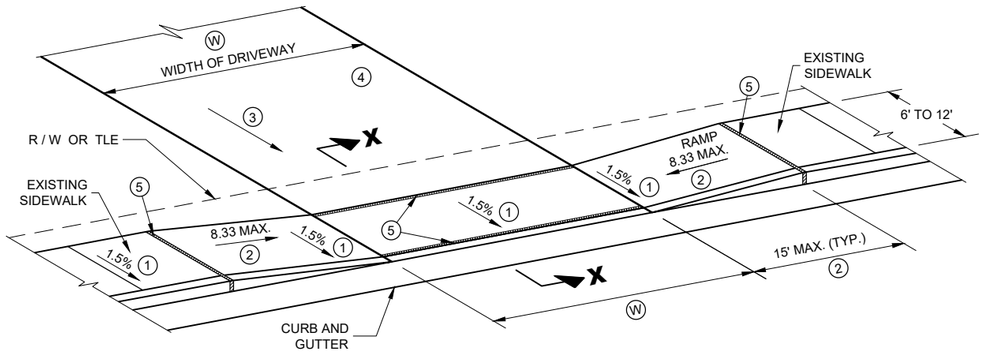
MANHOLES,
MANHOLE & INLET COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

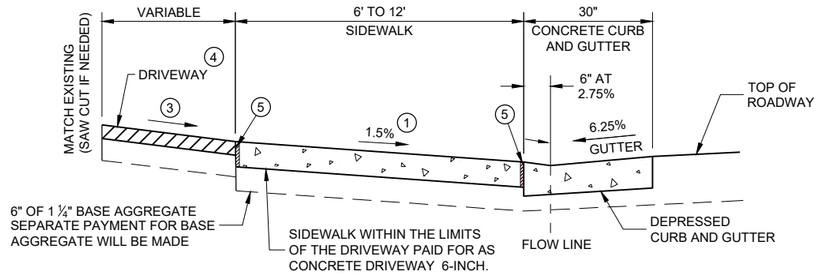
APPROVED
4/12/2011 — DATE
/S/ Jerry H. Zogg — ROADSIDE STANDARDS DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 D 17-6

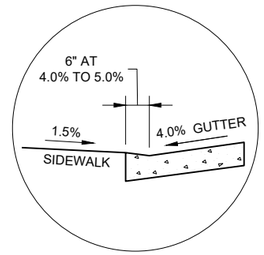
SDD 8D18 Driveway and Sidewalk Ramps Types X and Y



TYPE X
SIDEWALK ABUTS CURB AND GUTTER
TERRACE VARIES 0 TO 3 FEET



SECTION X - X



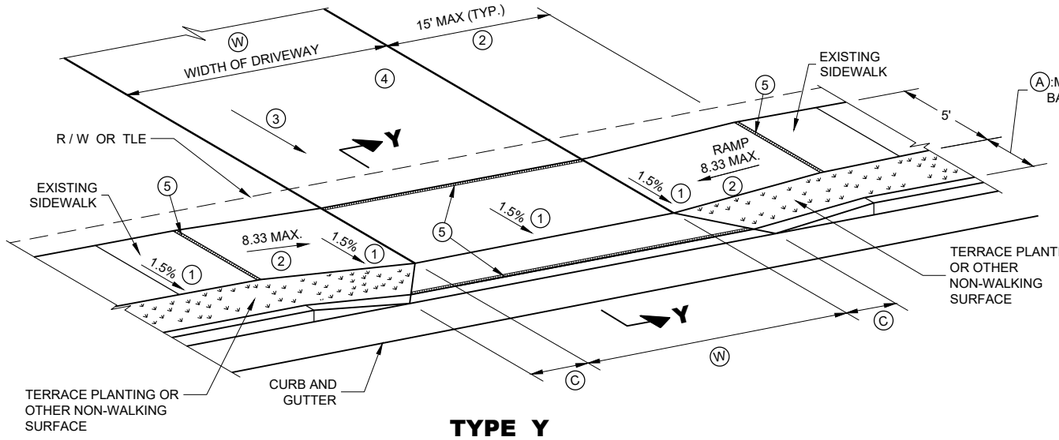
SECTION X - X
4% GUTTER SLOPE

Ⓦ: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

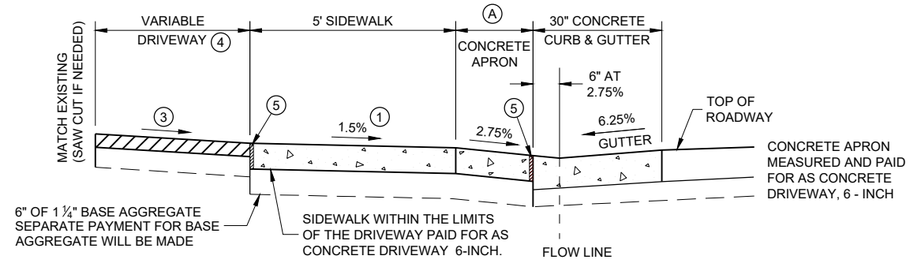
16' MIN. - 35' MAX. COMMERCIAL (CE)

TABLE Y

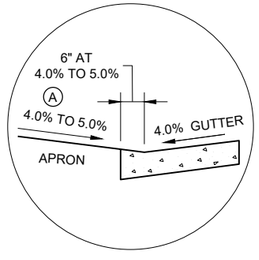
Ⓐ FEET	Ⓒ FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'



TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS



SECTION Y - Y
4% GUTTER SLOPE

SECTION Y - Y
DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

① CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

② THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

③ DRIVEWAY SLOPES: DESIRABLE MAXIMUM
10.5% UP AWAY FROM SIDEWALK (SAG)
8.5% DOWN AWAY FROM SIDEWALK (CREST)
ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

④ DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

⑤ ½" EXPANSION JOINT FILLER

DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

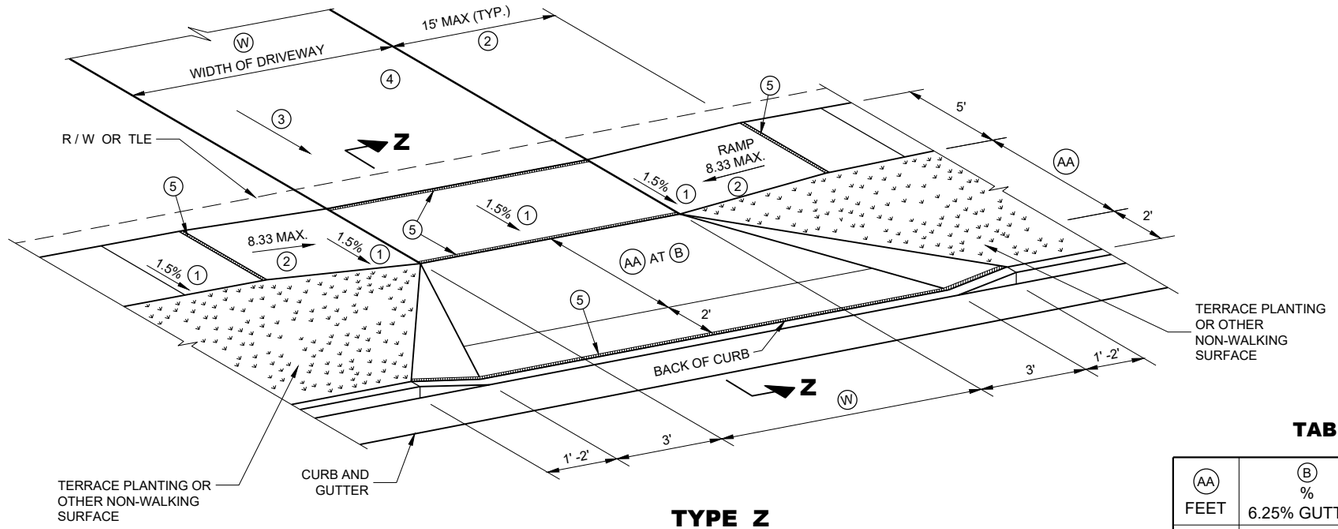
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

SDD 08D18 - 03

SDD 08D18 - 03

SDD 08D19 Driveway and Sidewalk Ramps Type Z



TYPE Z
SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(W) IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

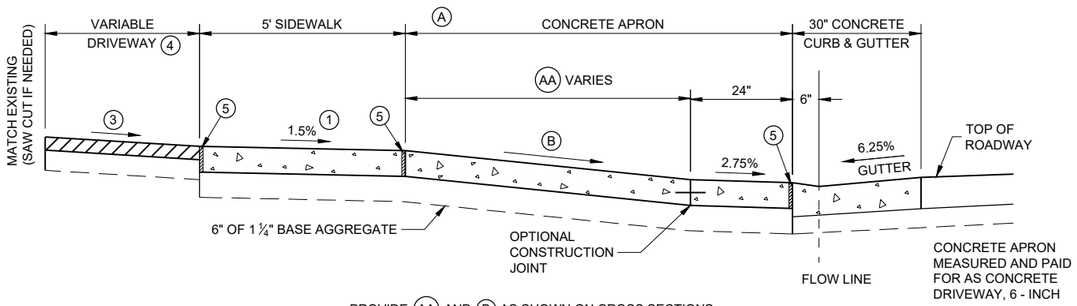
(5) ½" EXPANSION JOINT FILLER.

TABLE Z

(AA) FEET	(B) % 6.25% GUTTER	(B) % 4% GUTTER
4.5'	11.5%	9% TO 11.5%
5.5'	9% TO 11.5%	8% TO 11.5%
6.5'	8% TO 11.5%	6% TO 11.5%
7.5'	7% TO 11.5%	6% TO 11.5%
8.5'	6% TO 11.5%	5% TO 11.5%
9.5'	5% TO 11.5%	4% TO 11.5%

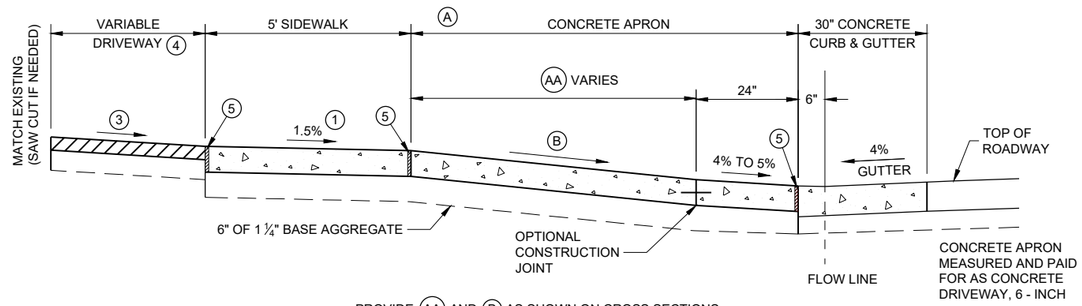
(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

6.25% GUTTER SLOPE



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

4% GUTTER SLOPE

NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS FOR (B) VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY 6-INCH.

SEPARATE PAYMENT FOR BASE AGGREGATE WILL BE MADE.

SECTION Z - Z

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER

(URBAN AND SUBURBAN)

DRIVEWAY AND SIDEWALK RAMPS TYPE Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

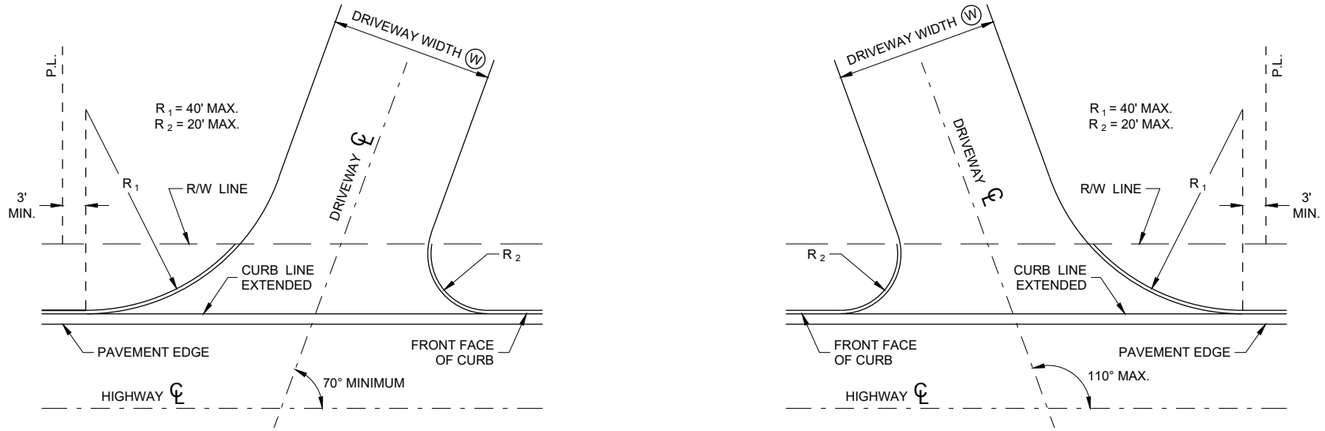
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

6

SDD 08D19 - 03

SDD 08D20 Driveways with Curb and Gutter Returns



SKEWED DRIVEWAY DETAILS
(COMMERCIAL AND NON-COMMERCIAL)
SIDEWALK NOT SHOWN

GENERAL NOTES

A MAXIMUM RADIUS OF 10 FEET SHALL BE USED FOR NON-COMMERCIAL PRIVATE ENTRANCES. RADII FOR COMMERCIAL DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER BASED ON TRAFFIC AND DRIVEWAY PERMIT RESTRICTIONS.

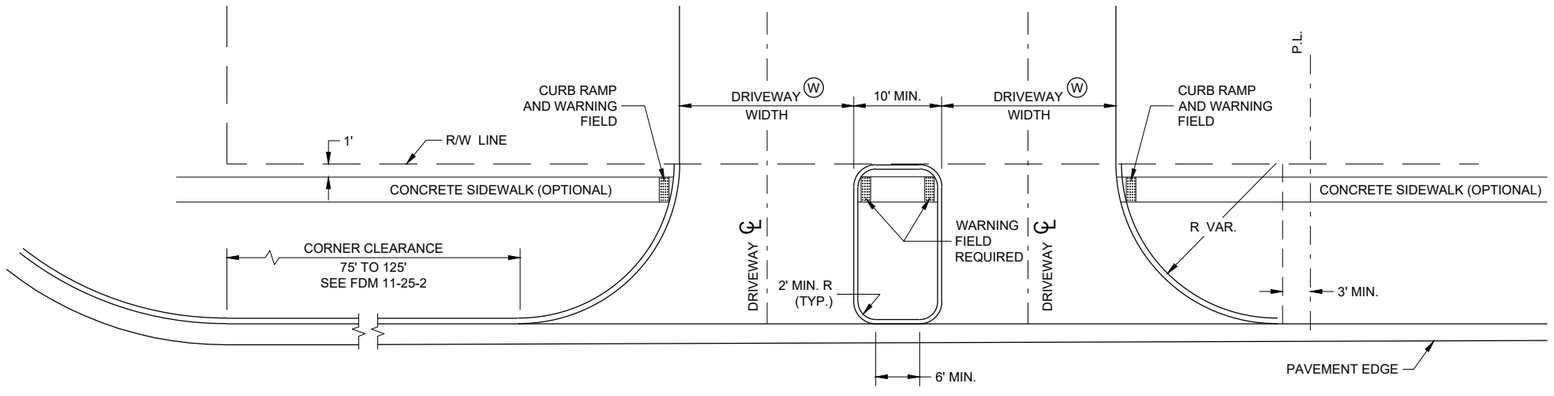
THE MINIMUM ANGLE OF INTERSECTION BETWEEN THE DRIVEWAY AND HIGHWAY CENTERLINES SHALL BE 70°.

ALL CURVILINEAR PRIVATE ENTRANCE OUTLINES SHALL BE CONTAINED WITHIN THE HIGHWAY R/W.

NO DRIVEWAY SHALL BE BUILT WITHIN 3 FEET OF THE PROPERTY LINE EXCEPT FOR EXISTING JOINT DRIVEWAY SHARED BY TWO OWNERS.

(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



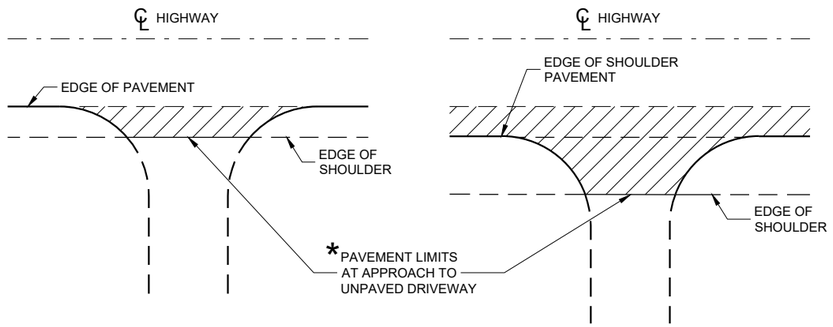
DRIVEWAY LOCATION AND SPACING DETAILS
SIDEWALK SHOWN

DRIVEWAYS WITH CURB AND GUTTER RETURNS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT ENGINEER

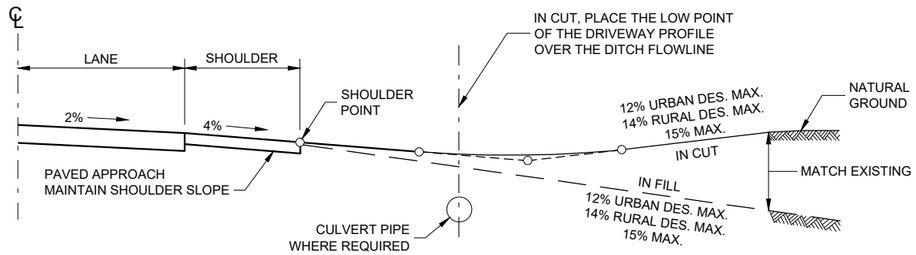
FHWA



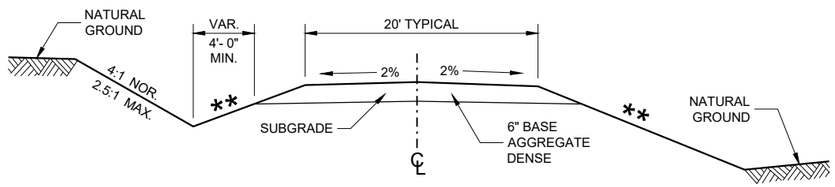
PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL
(NO CURB AND GUTTER OR SIDEWALK)



TYPICAL DRIVEWAY PROFILES

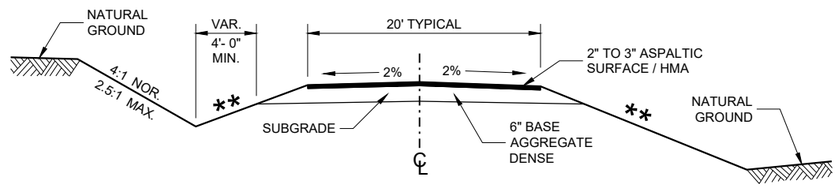


IN CUT IN FILL

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE AGGREGATE SURFACE

** 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



IN CUT IN FILL

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE ASPHALTIC SURFACE

DRIVEWAYS WITHOUT CURB AND GUTTER

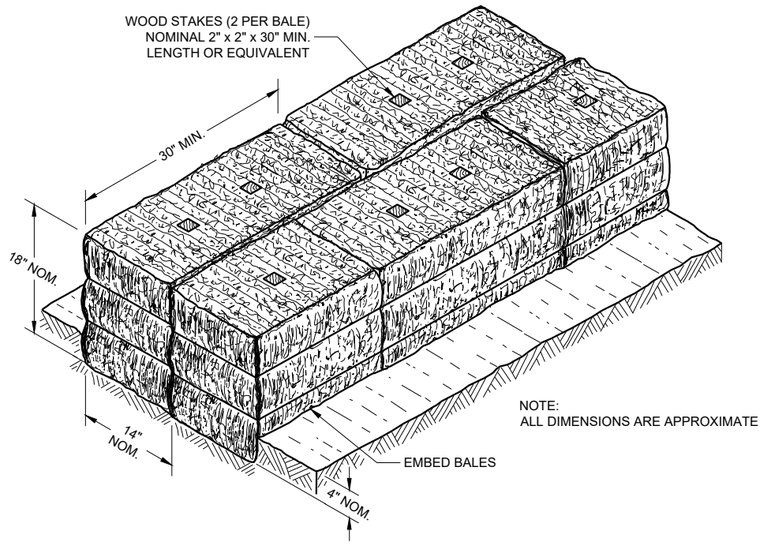
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2017 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

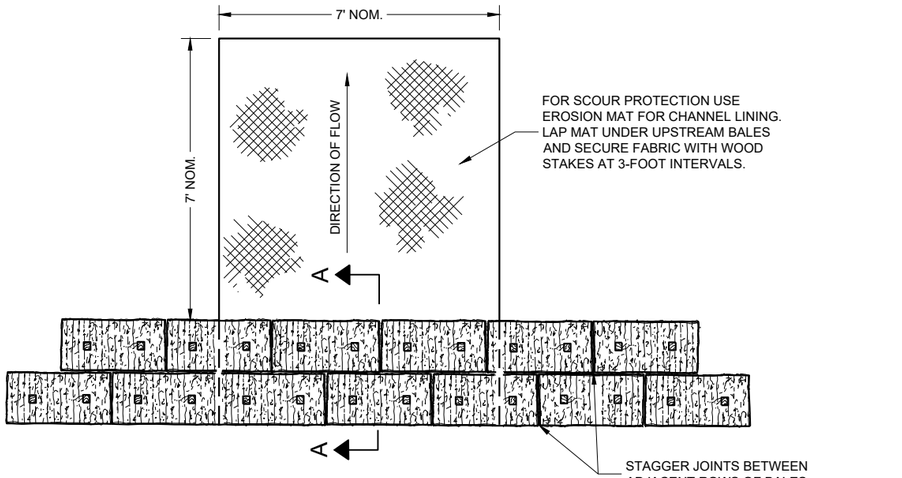
FHWA

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SDD 08D21 - 01

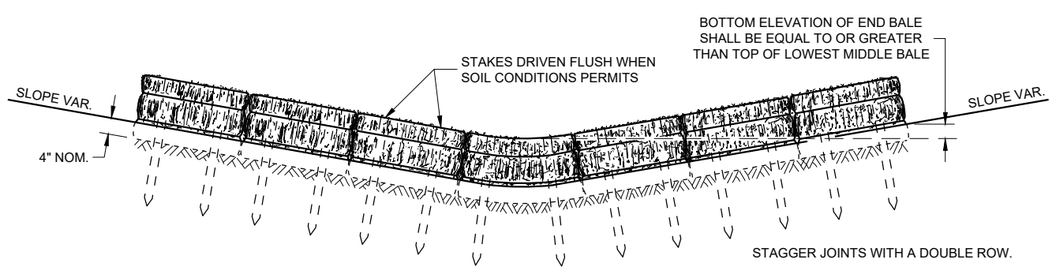
SDD 08E08 Typical Installations of Erosion Bales / Temporary Ditch Checks



SECTION A - A



PLAN VIEW



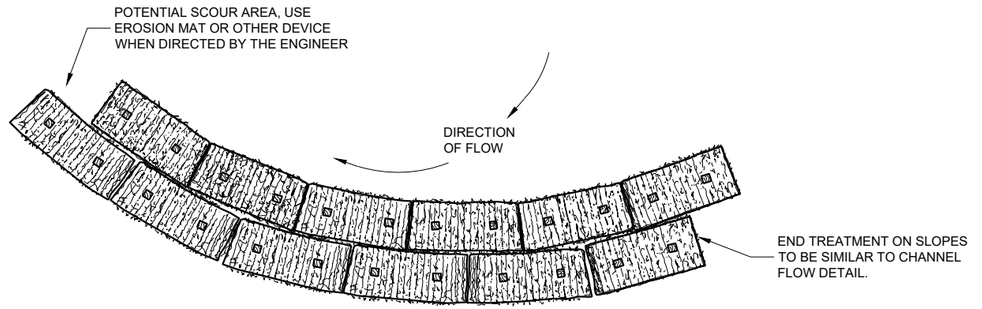
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

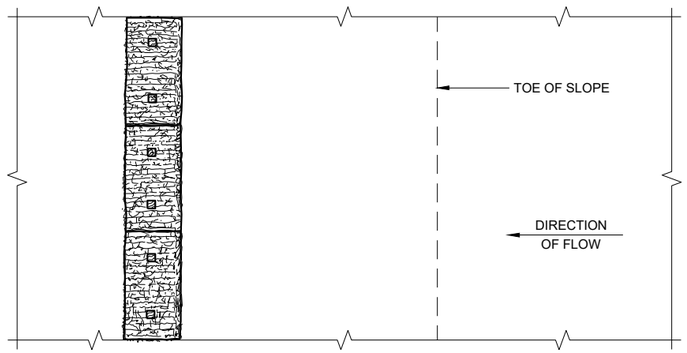
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(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.

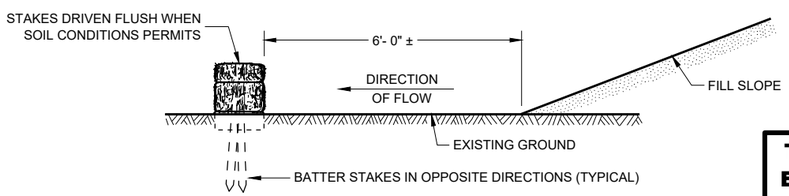


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN ELEVATION



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

6/4/02 — DATE

/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

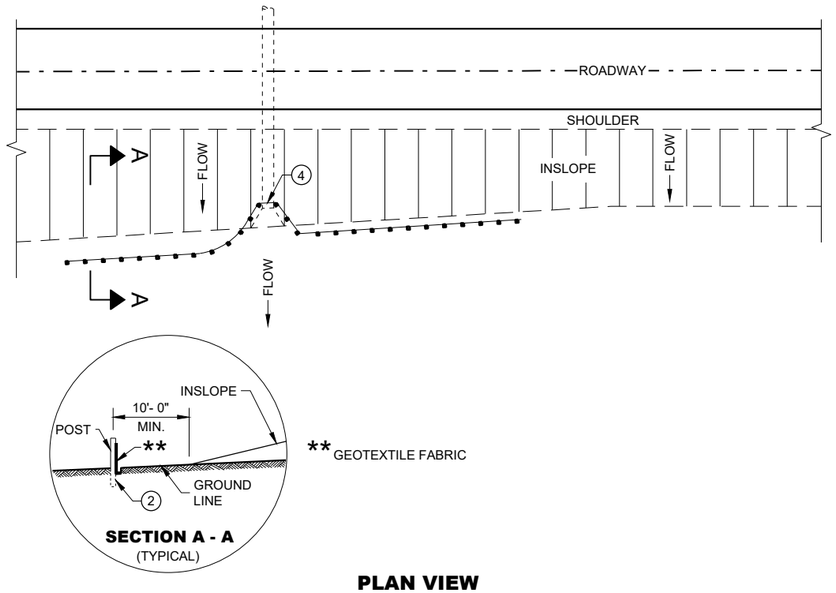
FHWA

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SDD 08E08 - 03

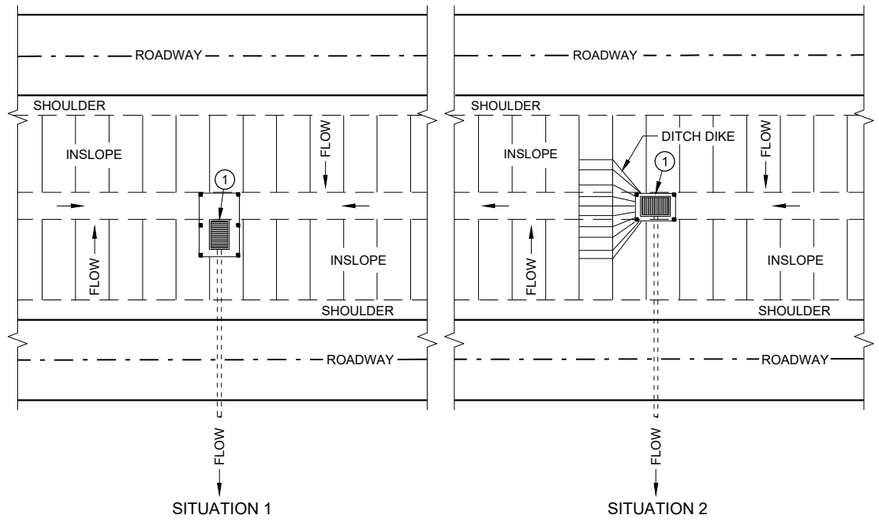
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SDD 08E08 - 03



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



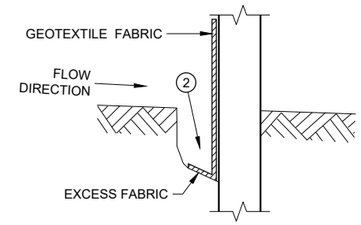
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

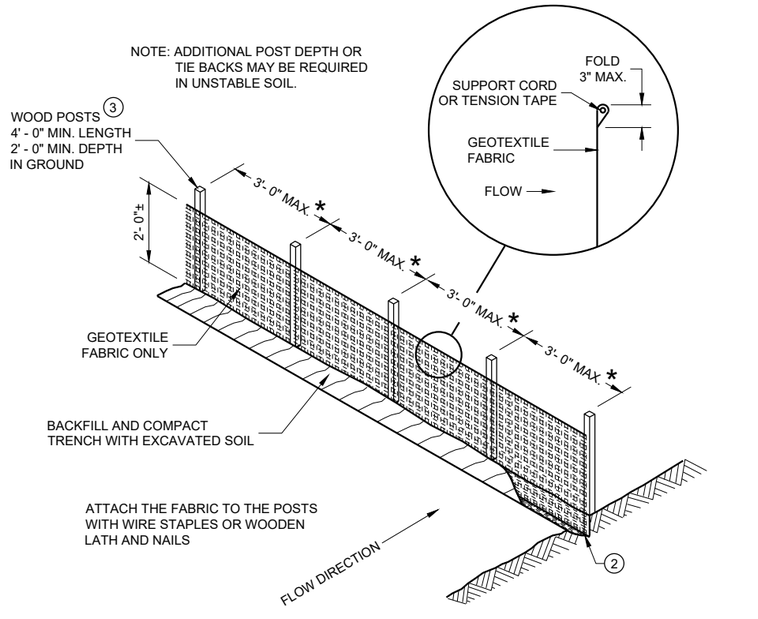
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

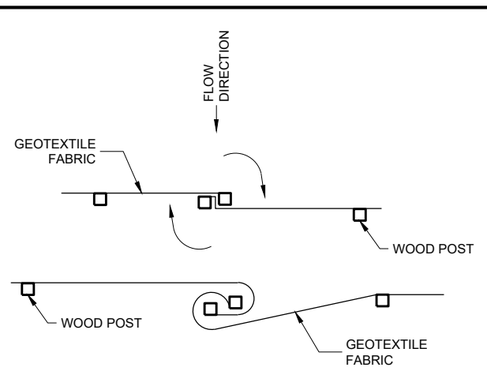
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 ⅛" X 1 ⅛" 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.



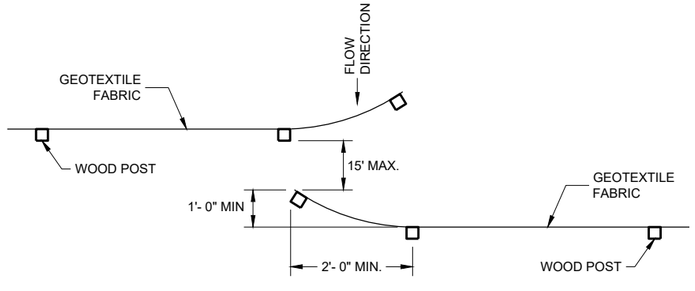
TRENCH DETAIL



SILT FENCE

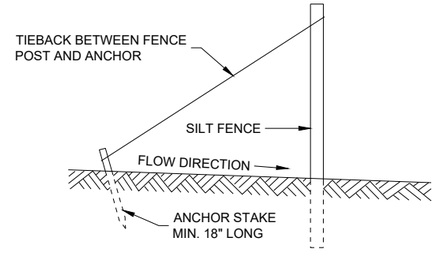


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

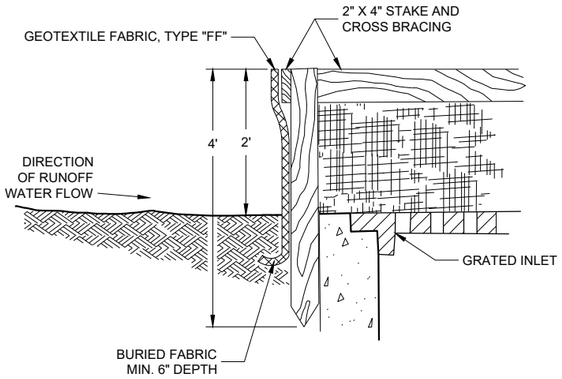
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

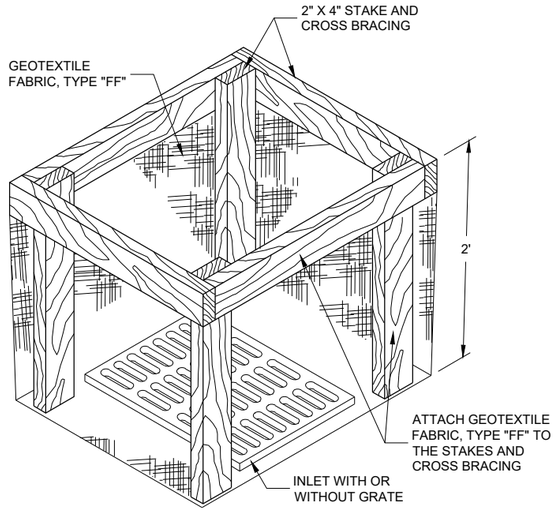
APPROVED
4/29/05 — DATE
/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

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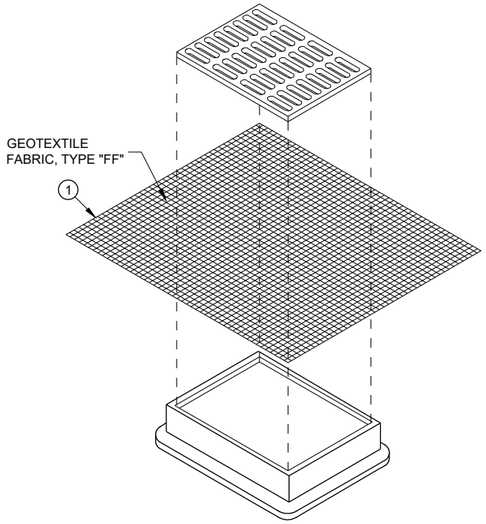
6
SDD 08E09 - 06

SDD 08E10 Inlet Protection, Types A, B, C and D



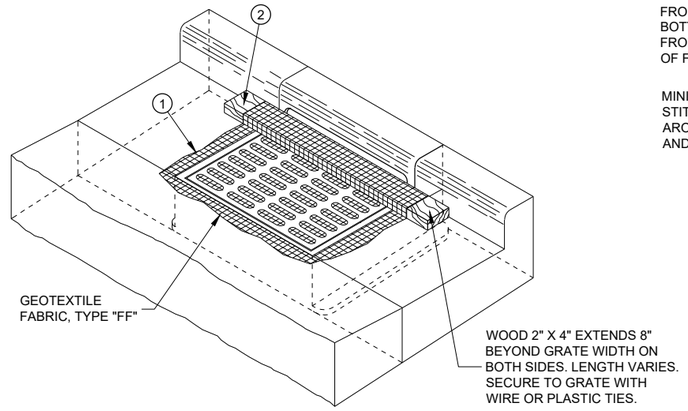


INLET PROTECTION, TYPE "A"

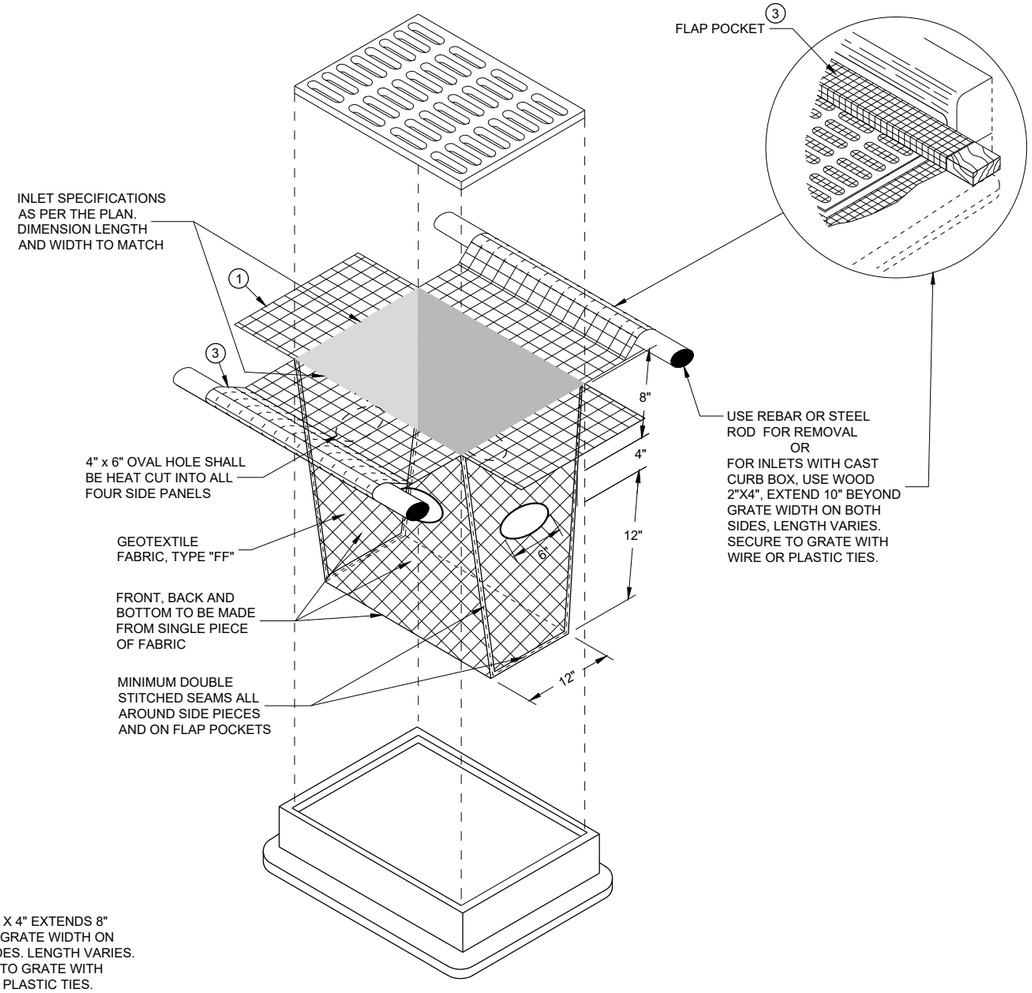


INLET PROTECTION, TYPE "B" (WITHOUT CURB BOX)

(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 WITH OR WITHOUTA 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

TYPES 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

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

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.

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.

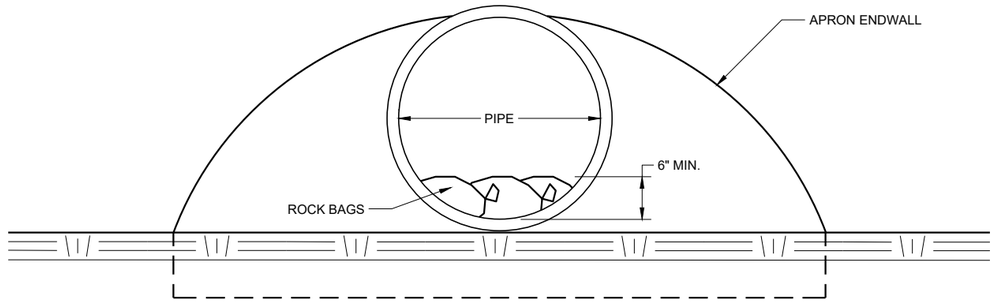
INLET PROTECTION TYPES A, B, C AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

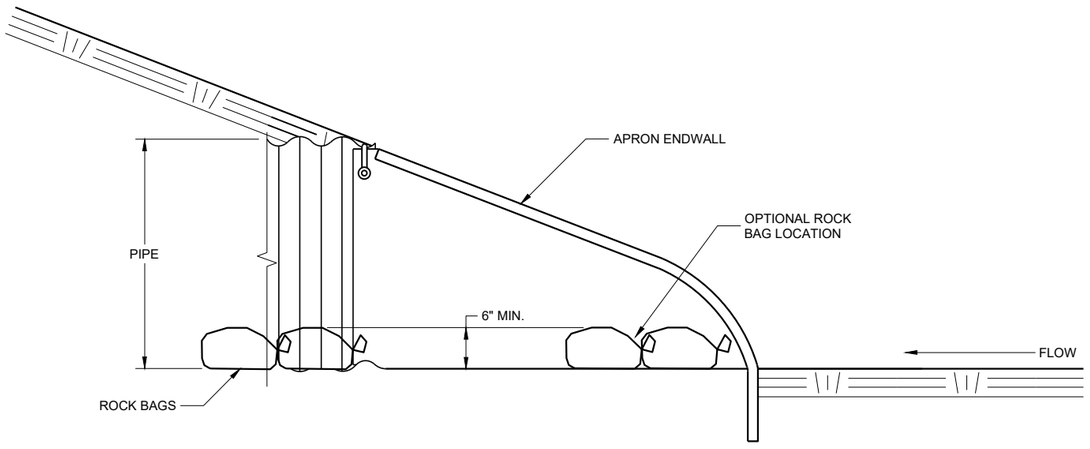
APPROVED
10/16/02 — DATE
/S/ Beth Cannestra — ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

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SDD 08E10 - 02



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 ENGINEER
FHWA	

SDD 8F1 Apron Endwalls for Culvert Pipe

METAL APRON ENDWALLS

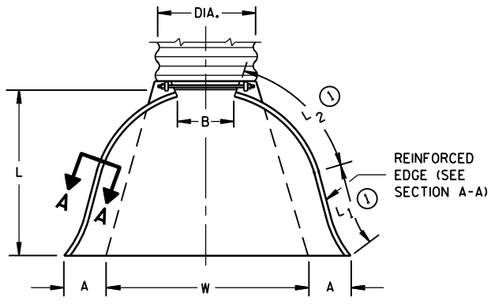
PIPE DIA. (IN.)	MIN. THICK. (inches)		DIMENSIONS (inches)							APPROX. SLOPE	BODY
	STEEL	ALUM.	A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L_1 ①	L_2 ①	W (±2")		
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 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

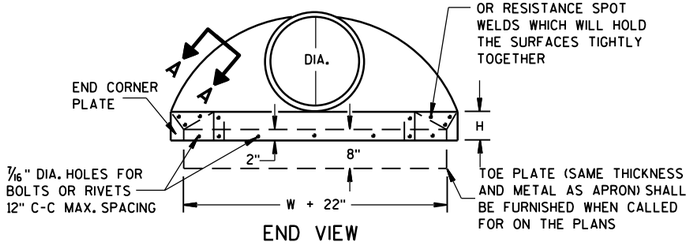
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (inches)							APPROX. SLOPE
	T	A	B	C	D	E	G	
12	2	4	24	48 7/8	72 7/8	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

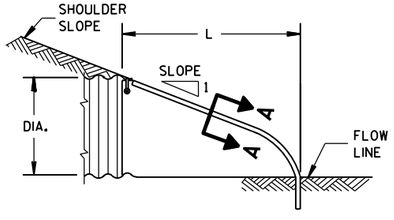
*MINIMUM
**MAXIMUM



PLAN VIEW

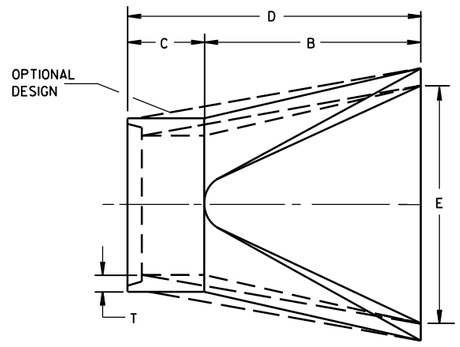


END VIEW

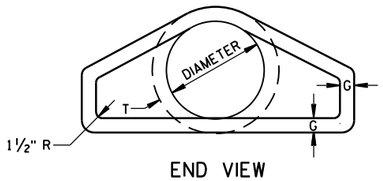


SIDE ELEVATION

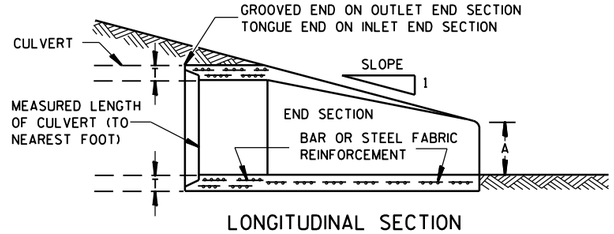
METAL ENDWALLS



PLAN

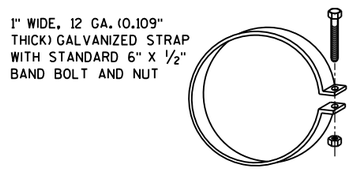


END VIEW



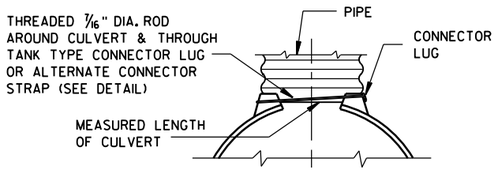
LONGITUDINAL SECTION

CONCRETE ENDWALLS

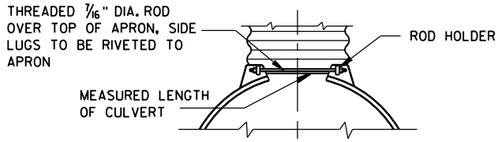


ALTERNATE FOR TYPE 1 CONNECTION

END SECTION CONNECTOR STRAP

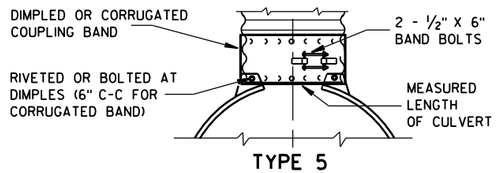


TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

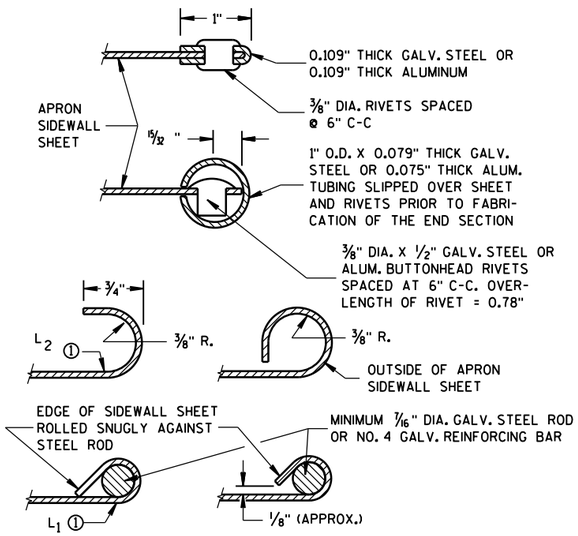
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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
8-30-94
DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

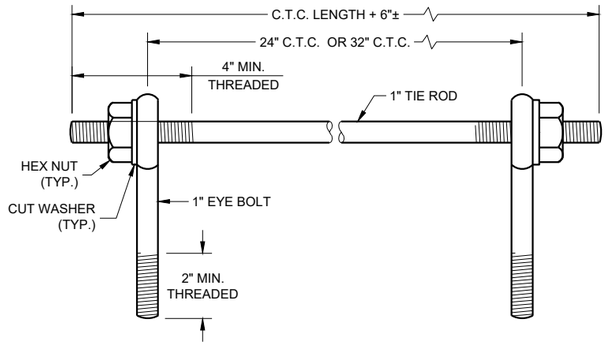
6

S.D.D. 8 F 1-11

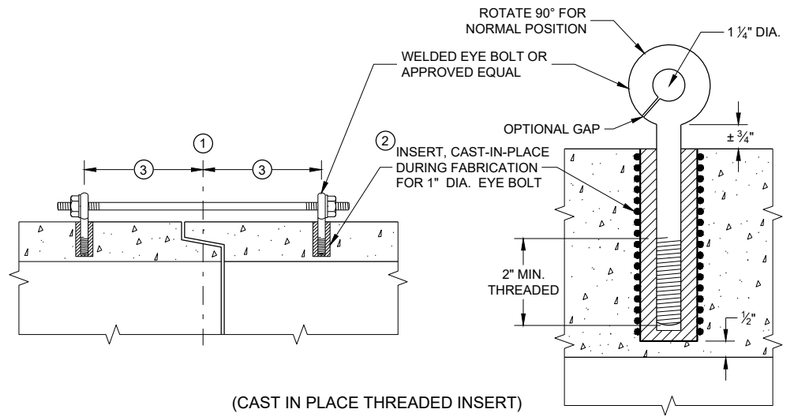
6

S.D.D. 8 F 1-11

SDD 08F04 Joint Ties for Concrete Pipe and Concrete Collar Detail



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

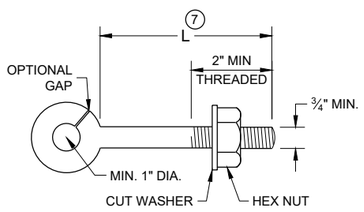
DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

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.

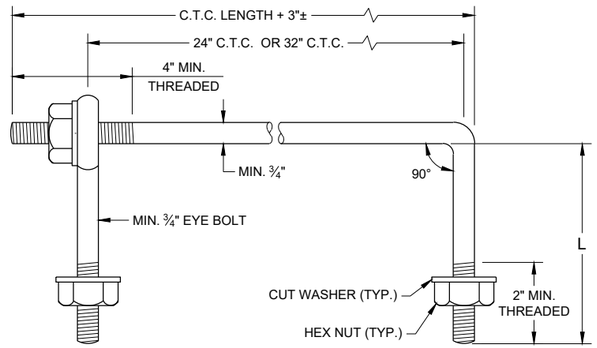
JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

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.

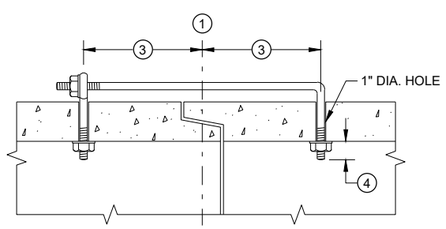


EYE BOLT 7

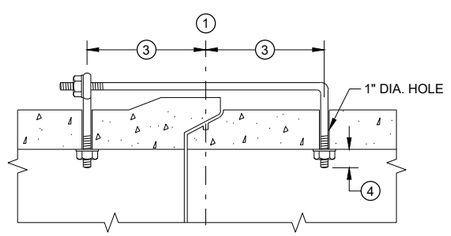
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

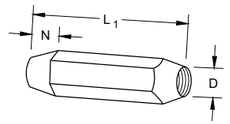
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

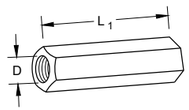
ADJUSTABLE TIE ROD TABLE

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



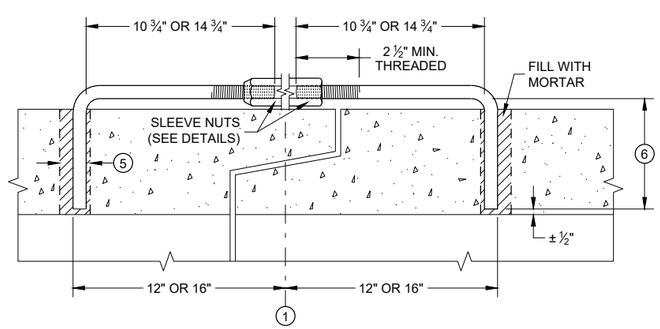
TAPERED



PLAIN

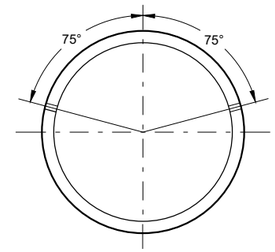
RIGHT AND LEFT THREADS

SLEEVE NUTS



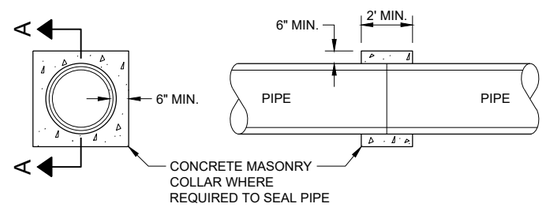
LONGITUDINAL SECTION

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

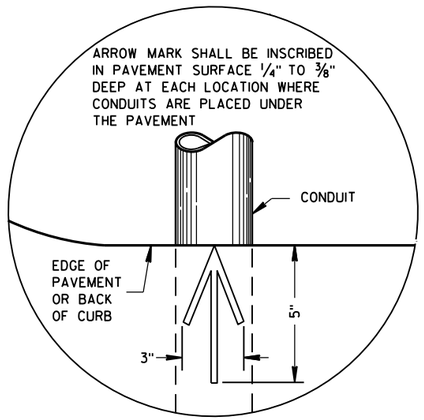
APPROVED
November 2021
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

6

SDD 08F04 - 08



PLAN VIEW

ARROW MARK

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.

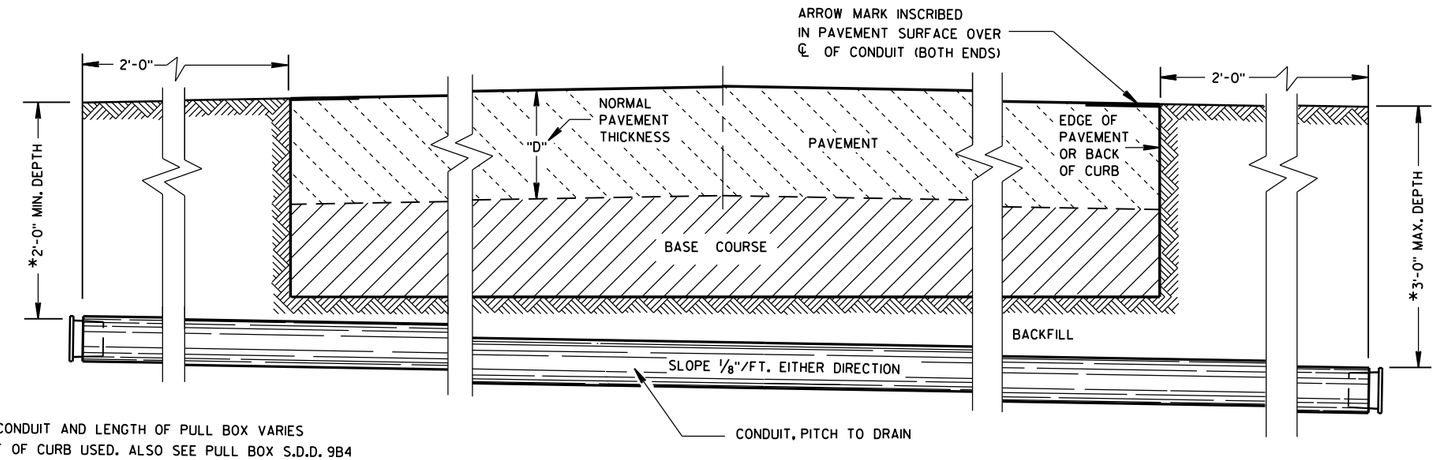
PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

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.



*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

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER
FHWA

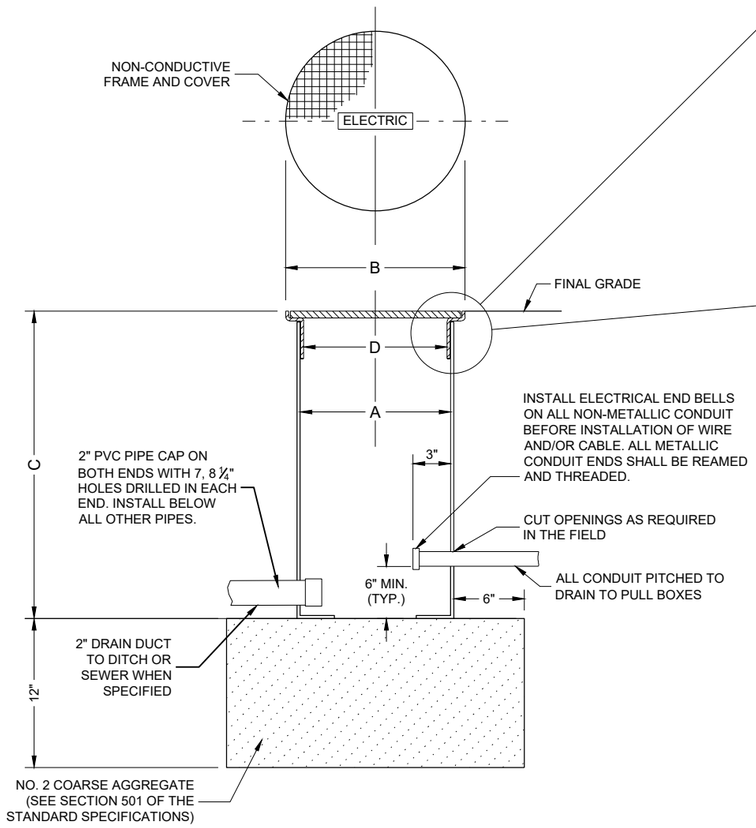
SDD 09B16 Pull Boxes, Non-Conductive

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

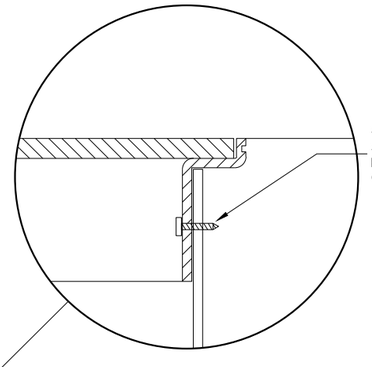
DIMENSION IN INCHES		NON- CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX OVERALL OUTSIDE DIAMETER	B	27	27
BOX LENGTH	C	36	42
FRAME OPENING	D	22 ½	22 ½
WEIGHT IN POUNDS *			
COVER		50	50
BOX ONLY		75	85

* THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

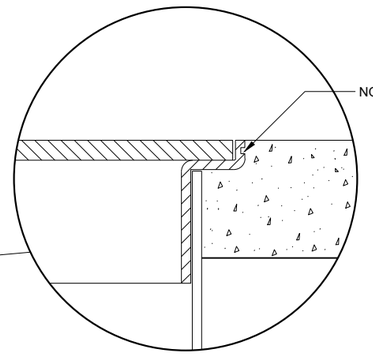
** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE.



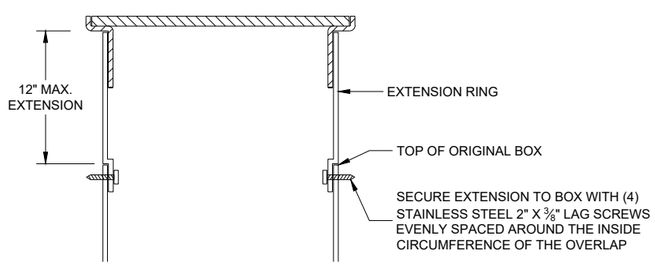
NON-CONDUCTIVE PULL BOX



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 ENGINEER

FHWA

6

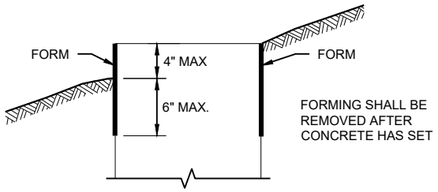
SDD 09B16 - 02

6

SDD 09B16 - 02

SDD 9C2 Concrete Bases, Types 1, 2, 5 & 6

FORM DEPTH SHALL BE NO MORE THAN 6" BELOW GRADE ON THE LOWER SIDE OF BASE



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWINGSHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

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

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FRO FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC.

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

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

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

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2, TYPE 5 AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER ALL BASE TYPES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

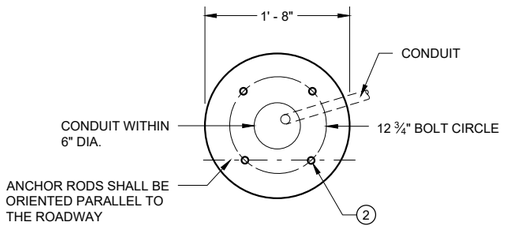
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

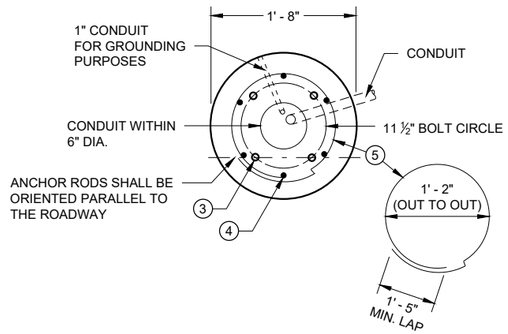
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

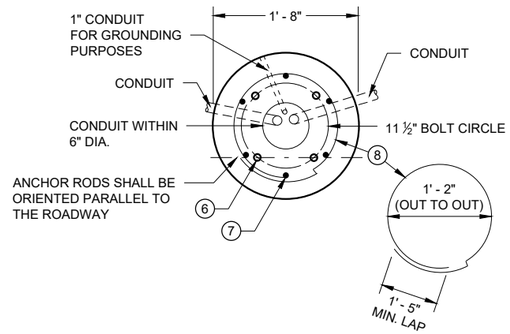
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).







1 THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

2 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

3 (4) 1" DIA. X 5' - 0" ANCHOR RODS.

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

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

6 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

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

8 (5) NO. 4 X 5' - 1" BAR STELL REINFORCEMENT @ 1' - 0" C -C.

9 EXOTHERMIC CONNECTION TO EUIPMENT GROUNDING CONDUCTOR

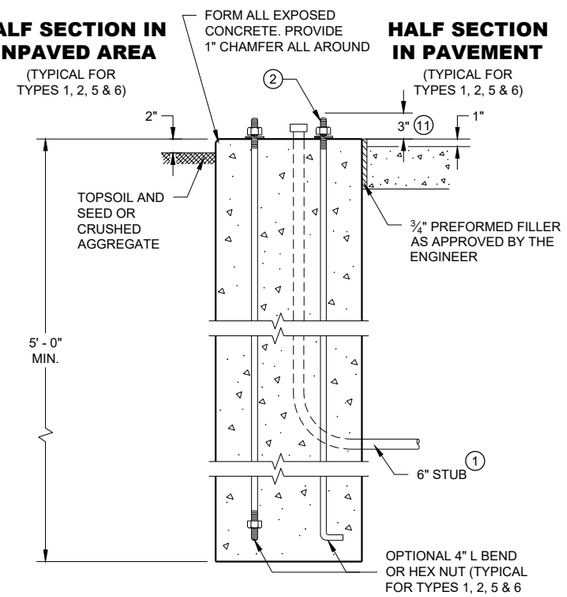
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

11 ANY ANCHOR ROD PROJECTION SHORTER THAN 2 ¾" OR LONGER THAN 3 ¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

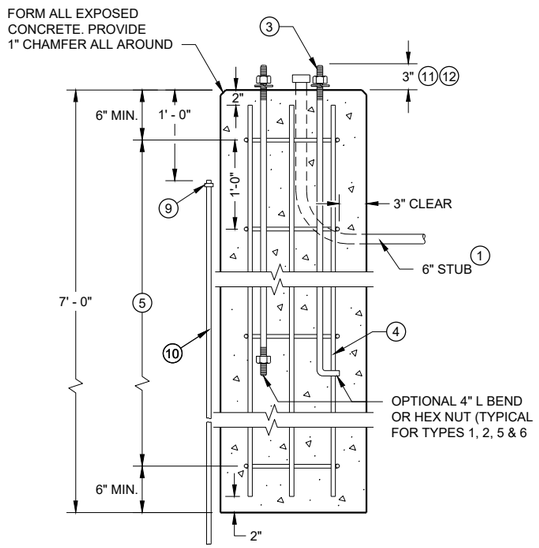
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

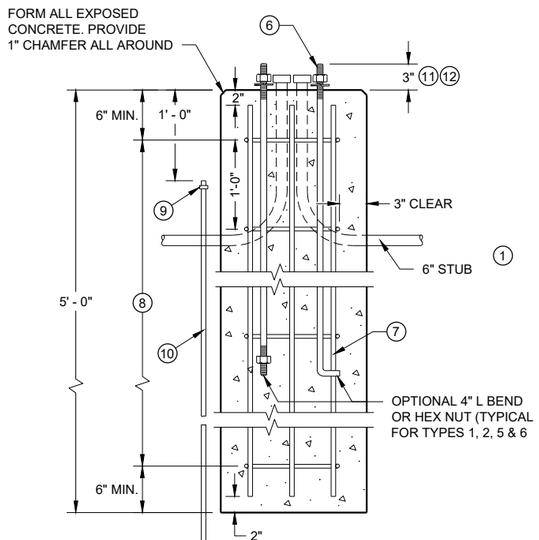
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



TYPE 1



TYPE 2



TYPE 5 & 6

CONCRETE BASES

CONCRETE BASES TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

SDD 9C3 Transformer/Pedestal Bases

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

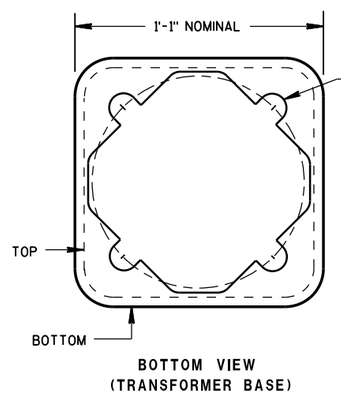
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

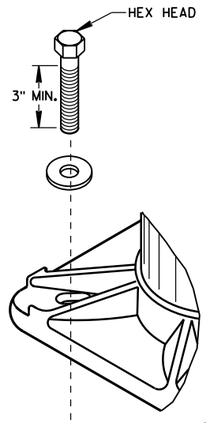
PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

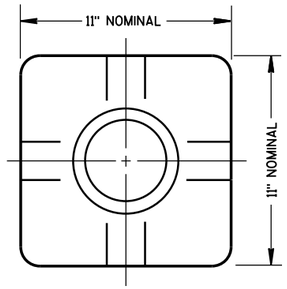
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

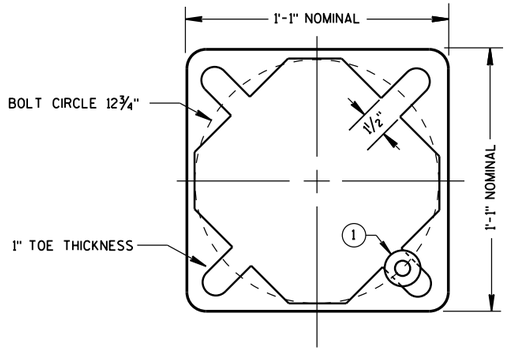


BOTTOM VIEW
(TRANSFORMER BASE)

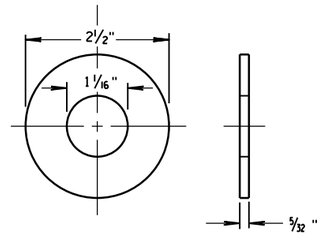




TOP VIEW
(PEDESTAL BASE)

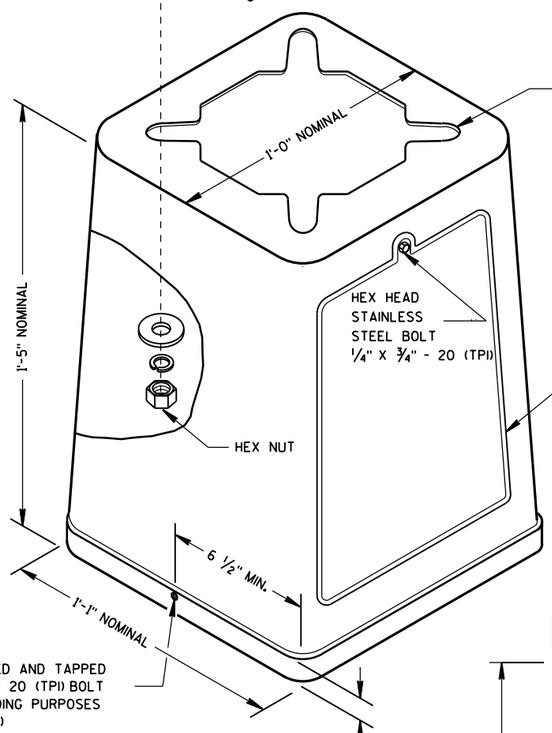


BOTTOM VIEW
(PEDESTAL BASE)

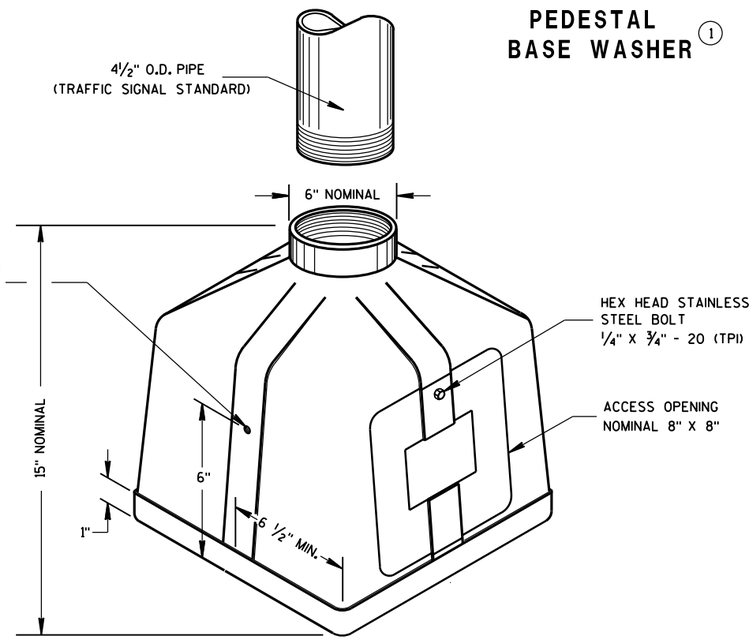


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)

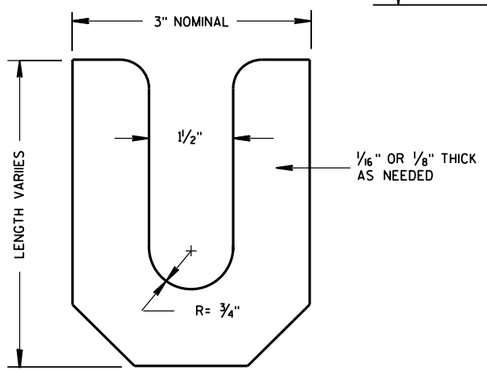


ISOMETRIC VIEW

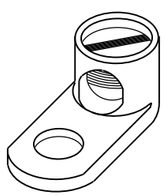


ISOMETRIC VIEW

PEDESTAL BASE



LEVELING SHIM



TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES

TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER
FHWA

6

S.D.D. 9 C 3-4

6

S.D.D. 9 C 3-4

09C12-a Concrete Base Type 13

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES (SHAFT), BELOW THE WING, SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, 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.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR ROD PROJECTION ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

CONDUIT SIZE AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

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

CONDUIT HEIGHT ABOVE CONCRETE BASE SHALL BE 4 ½ INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NONMETALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

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

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

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTOR FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1-INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4-FOOT COIL OF WIRE ABOVE THE CONCRETE BASE, THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF THE UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVEL WAY SHALL BE 24-INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18-INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36-INCHES, (GREATER THAN 36-INCHES IF INSTALLED IN BREAKER-RUN), EXCEPT WITH THE WRITTEN APPROVAL OF THE ENGINEER.

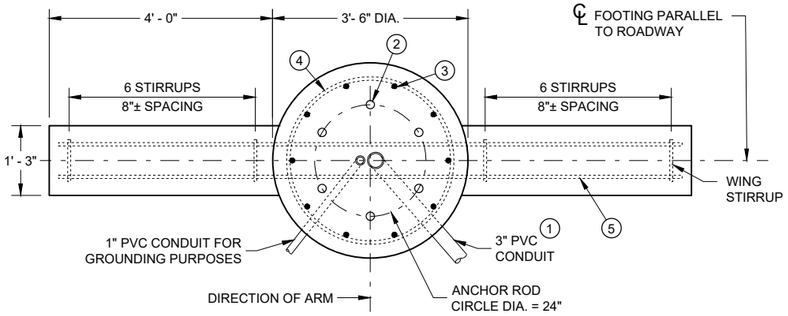
(2) (6) 1 ¾" DIA. X 7' - 2" ANCHOR RODS

(3) (10) NO. 6 X 14' - 1" BAR STEEL VERTICAL REINFORCEMENT.

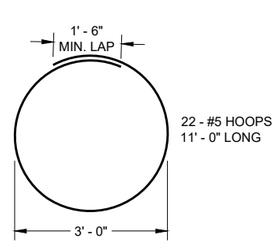
(4) (22) NO. 5 X 11'- 0" BAR STEEL REINFORCEMENT @ 8" MAX. C-C.

(5) (10) NO. 5 X 11' - 0" BAR STEEL HORIZONTAL REINFORCEMENT

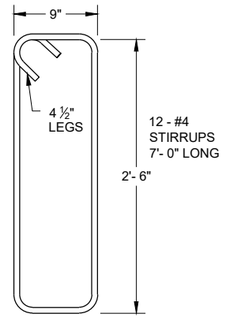
CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE .....fy = 55,000 p.s.i.
WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION)
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.



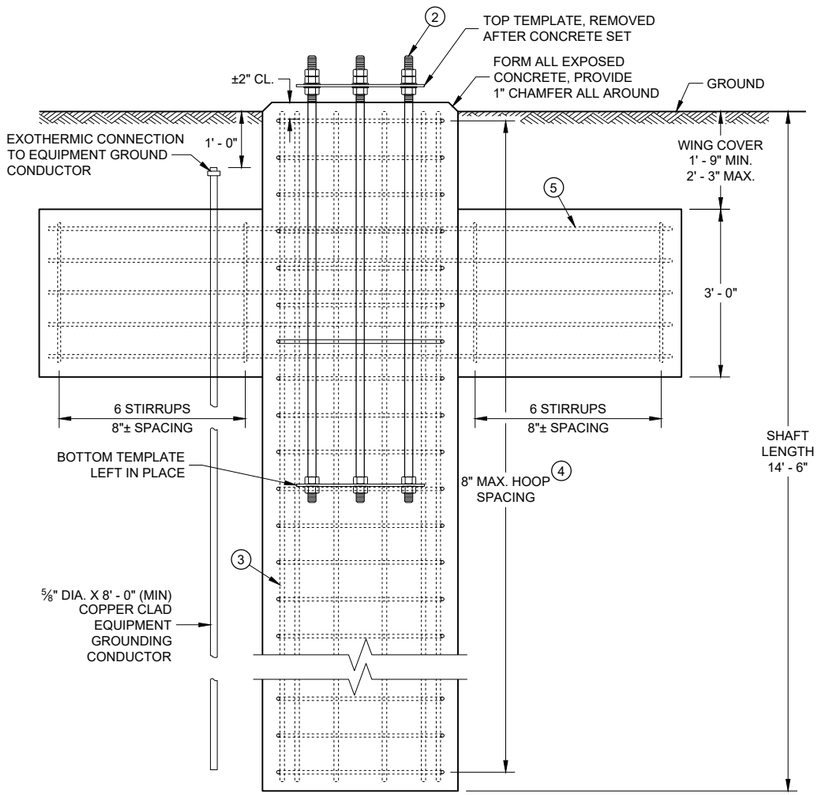
PLAN VIEW



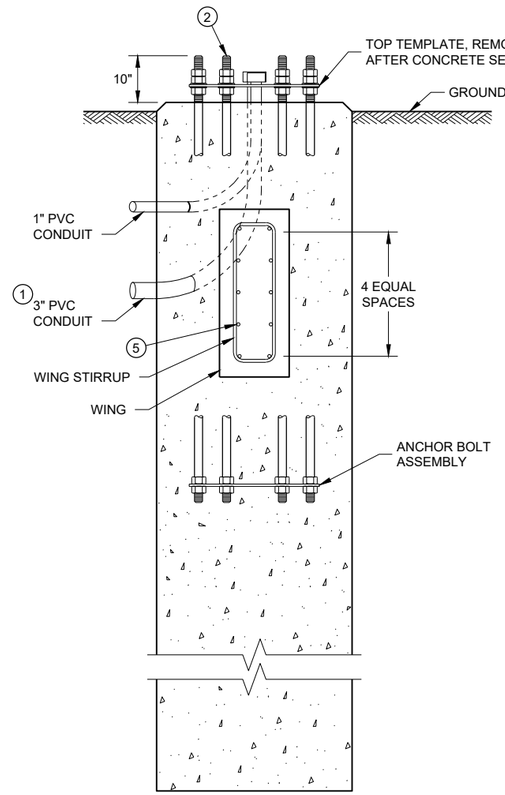
HOOP DETAIL



WING STIRRUP DETAIL



ELEVATION VIEW
(CONDUITS NOT SHOWN ON THIS VIEW FOR CLARITY)



(HOOPS AND VERTICAL SHAFT REINFORCEMENT NOT SHOWN ON THIS VIEW FOR CLARITY)

CONCRETE BASE, TYPE 13
(FOR TYPE 12, TYPE 13 AND OVER HEIGHT (OH) POLES)

CONCRETE = 6.3 CUBIC YARD
H.S. REINFORCEMENT = 635 LBS.

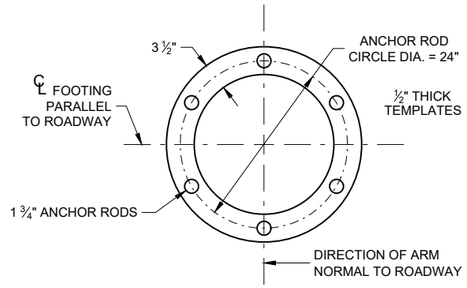
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE 9C13 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION

CONCRETE BASE TYPE 13

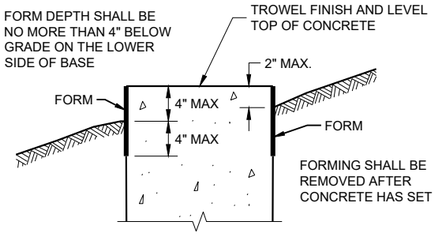
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

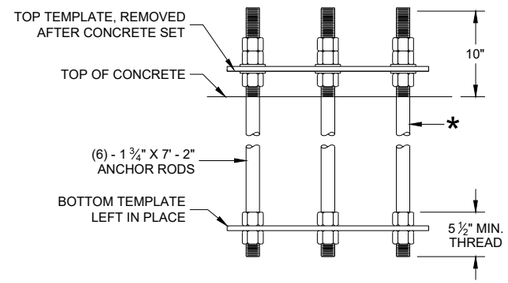
SDD 09C12 - 09a



TOP AND BOTTOM TEMPLATE



FORMING DETAIL



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 11" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

CONCRETE BASE TYPE 13

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

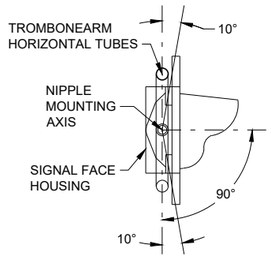
APPROVED
May 2017
DATE

/S/ Ahmet Demirbilek
WIND LOADED STRUCTURES
PROGRAM LEADER

FHWA

6
SDD 09C12 - 09b

SDD 09E01-a Pole Mountings for Traffic Signals, Type 2

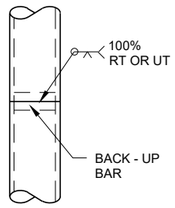


SECTION A-A

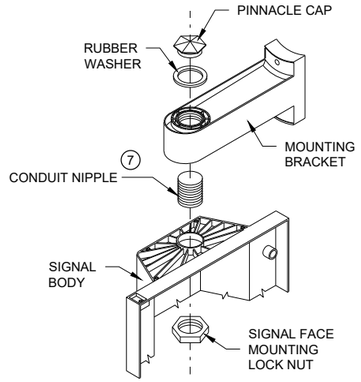
(10 DEGREES TILT REQUIREMENT OF FACE(S) IN THE TROMBONE MOUNTING)

FOR MANUFACTURERS USE ONLY

WELD TO BE 100% R.T. OR U.T. TESTED AS PER THE REQUIREMENTS OF AWS D 1.5-88. RECORDS OF COMPLIANCE OF SUCH TESTING SHALL BE FURNISHED TO THE OFFICE OF DESIGN / BRIDGE FOR VERIFICATION AND APPROVAL.

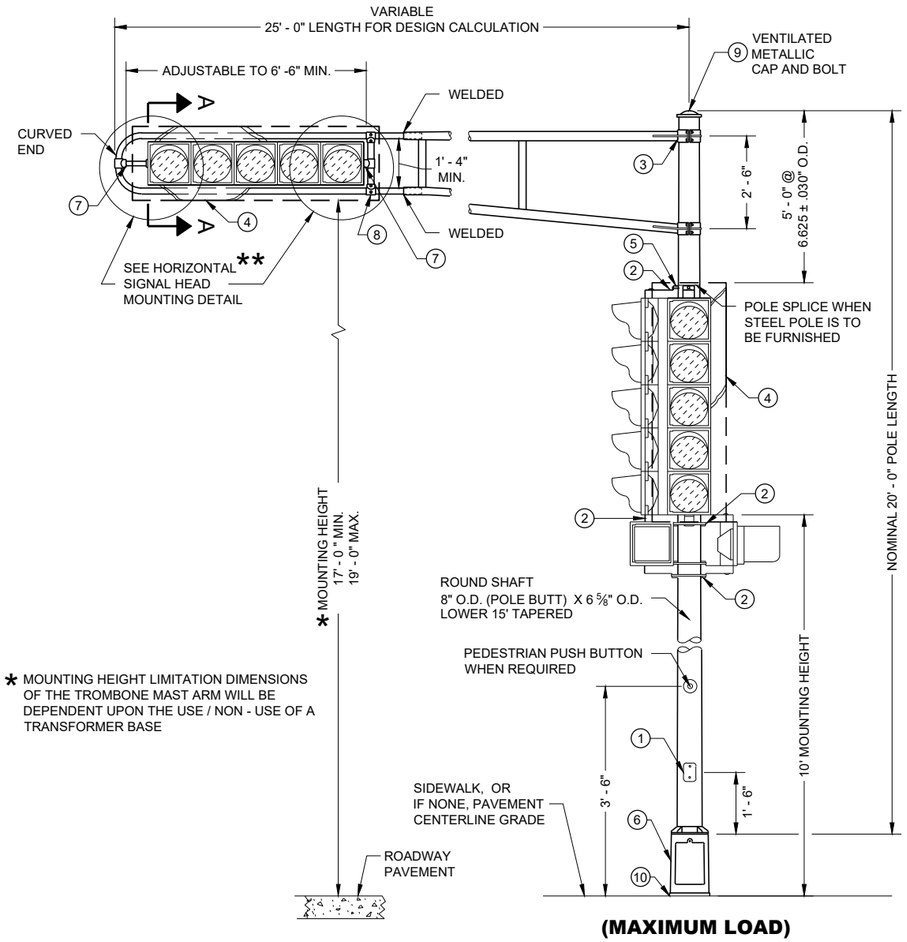


POLE SPLICE DETAIL



SIGNAL FACE MOUNTING DETAIL

(BANDED)



* MOUNTING HEIGHT LIMITATION DIMENSIONS OF THE TROMBONE MAST ARM WILL BE DEPENDENT UPON THE USE / NON - USE OF A TRANSFORMER BASE

(MAXIMUM LOAD)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THEPERTINENT REQUIREMENTS OF THE CONTRACT.

POLES SHALL BE EITHER ALUMINUM OR GALVANIZED STEEL AS CALLED FOR IN THE CONTRACT.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

A PULL WIRE / ROPE SHALL BE INSTALLED IN EACH TROMBONE ARM RACEWAY DURING THE MANUFACTURING PROCESS.

TYPE 2 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063 - T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE AND COVER ASSEMBLY WITH TWO (2) ¼" X ¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

(2) SIGNAL FACE MOUNTING BRACKETS. MOUNT WITH CAP SCREWS AND BANDING.

(3) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 ⅜" HOLE IN POLE SHAFT FOR WIRING.

(4) SECURELY MOUNT DULL BLACK POLYCARBONATE BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING,PER MANUFACTURER'S RECOMMENDATIONS.

(5) POLE MOUNTED SIGNAL FACES SHALL REQUIRE ONE OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACES.

(6) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

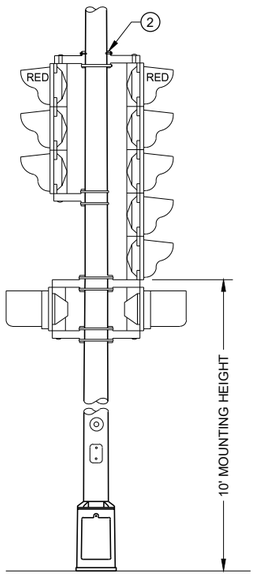
(7) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACES AND BRACKET ENDS.

(8) VERTICAL STRUT (ADJUSTABLE). ONE (1) SET SCREW (¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD) INTO EACH ARM MEMBER IF STRUTS THE SLIDING TYPE.

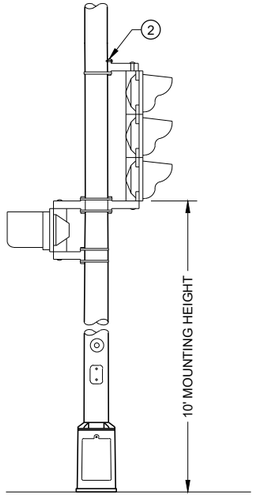
(9) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(10) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.

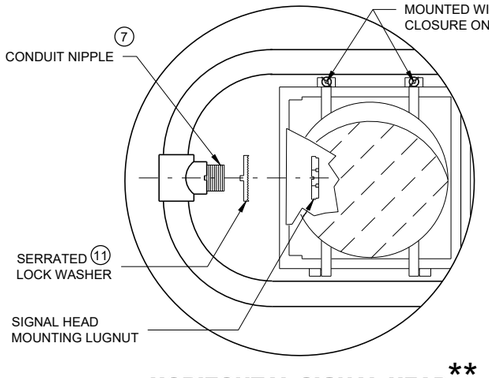
(11) USE SERRATED LOCK WASHERS WITH NOTCHES BETWEEN END TEE AND SIGNAL HEAD.



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE



HORIZONTAL SIGNAL HEAD MOUNTING DETAIL **

** SIGNAL HEAD ATTACHMENT ALSO APPLIES TO MOUNTING AT CROSS BAR

TYPE 2 POLE MOUNTING CONFIGURATION

POLE MOUNTINGS FOR TRAFFIC SIGNALS TYPE 2

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

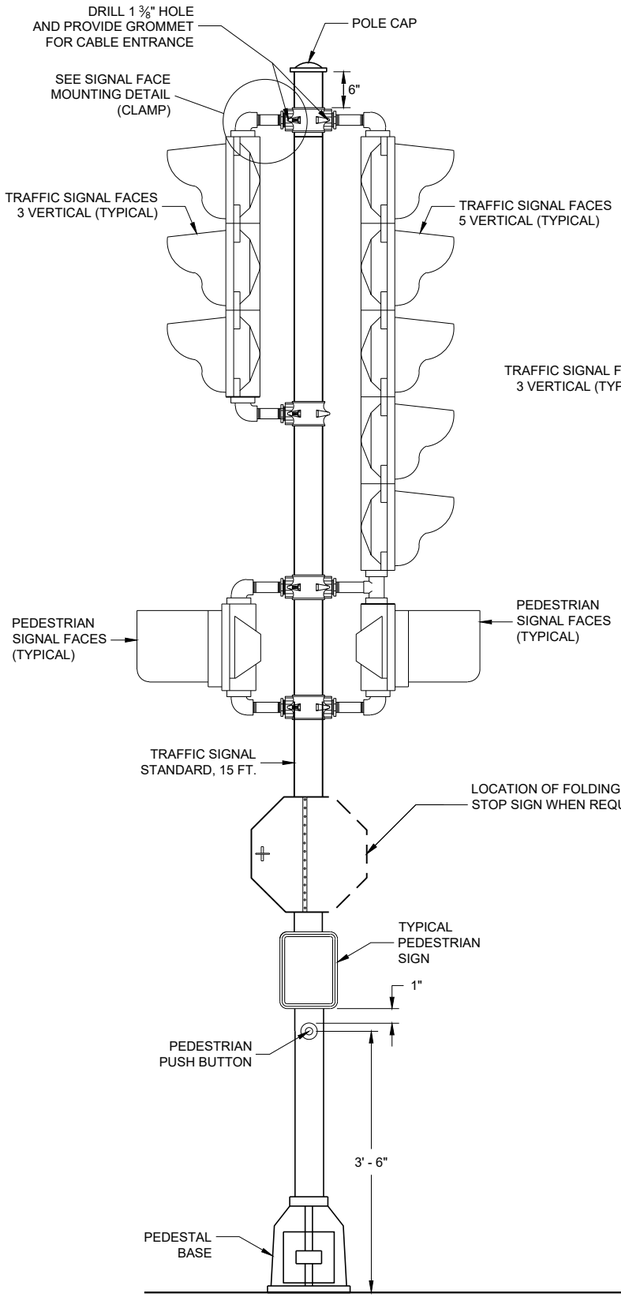
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SDD 09E01 - 15a

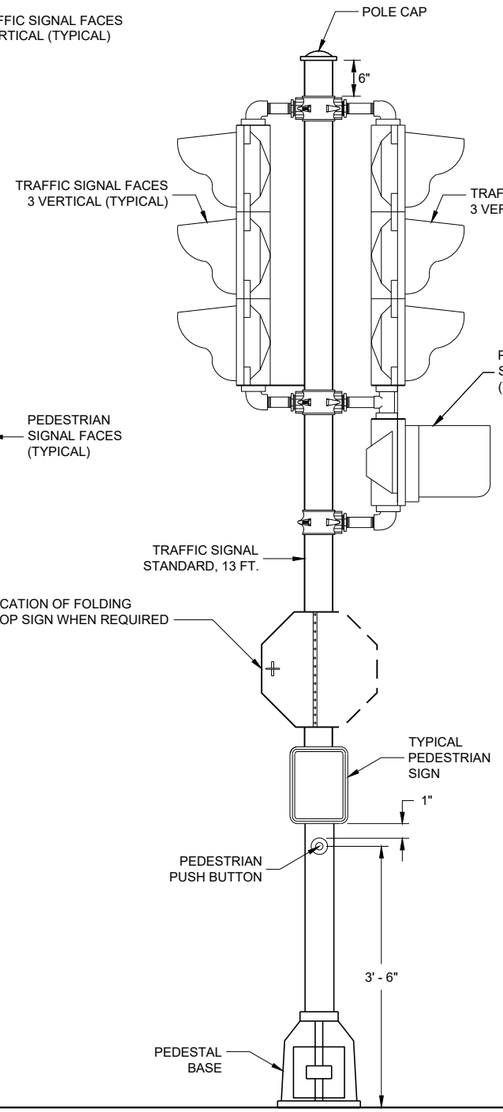
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SDD 09E01 - 15a

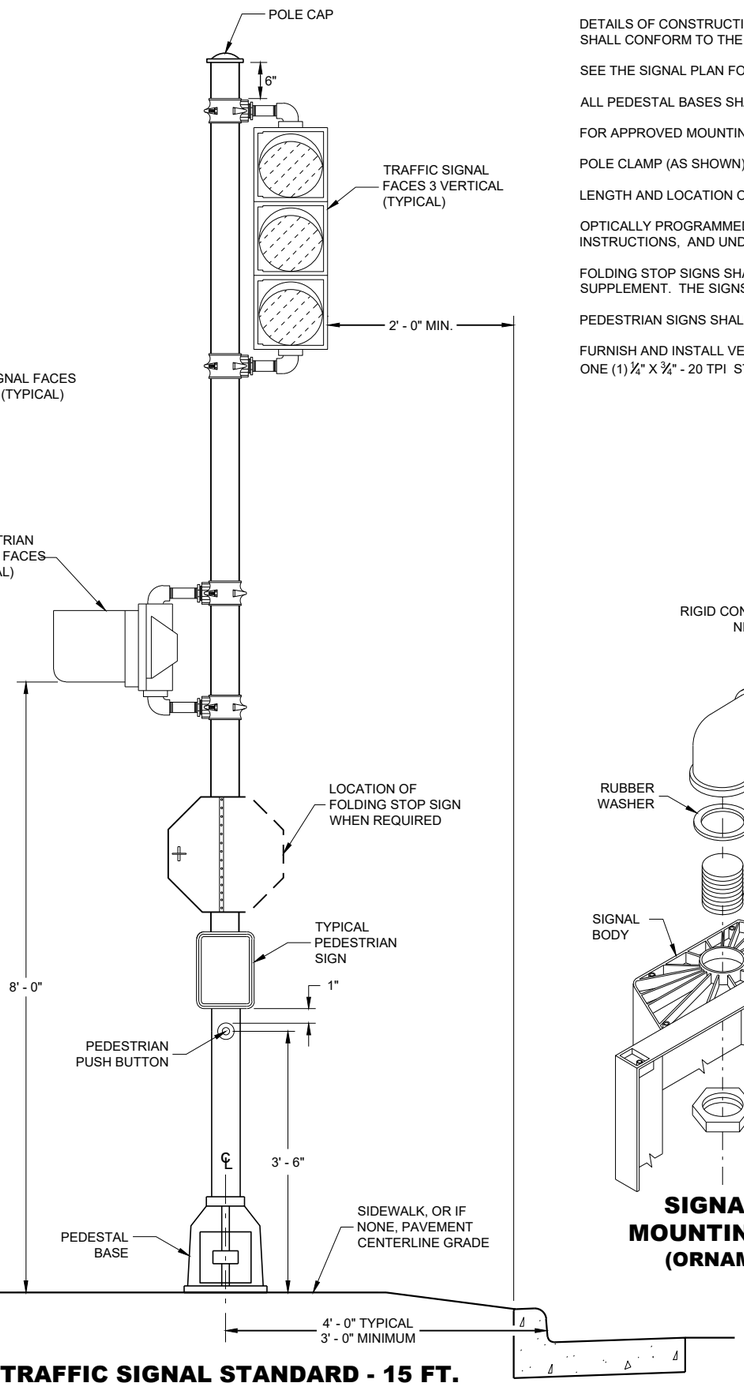
SDD 09E05 Traffic Signal Standard Ornamental Bracket Mountings (Typical) for 13ft. or 15ft.



TRAFFIC SIGNAL STANDARD - 15 FT.



TRAFFIC SIGNAL STANDARD - 13 FT.



TRAFFIC SIGNAL STANDARD - 15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLE CLAMP (AS SHOWN) MOUNTING BRACKETS SHALL BE USED.

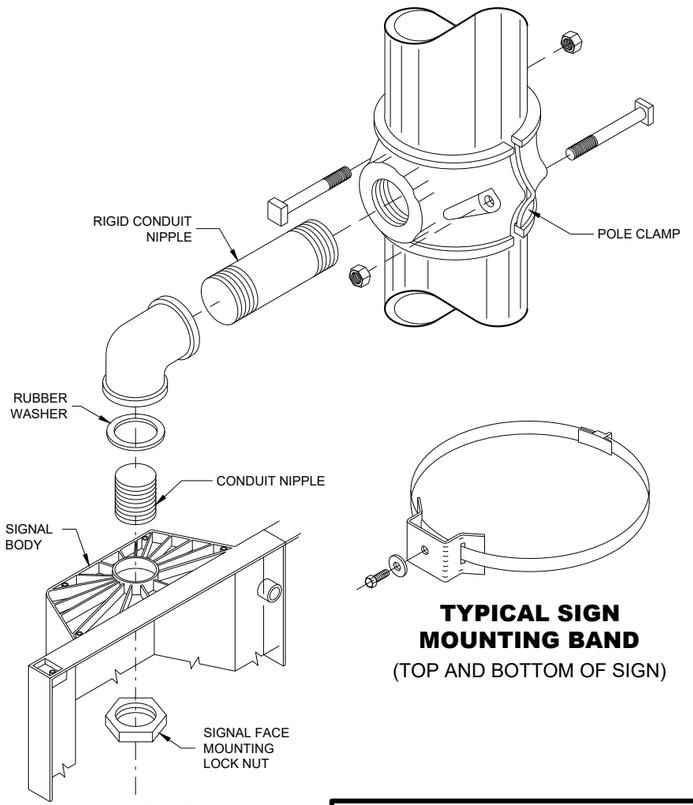
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



SIGNAL FACE MOUNTING DETAIL (ORNAMENTAL)

TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)

TRAFFIC SIGNAL STANDARD ORNAMENTAL BRACKET MOUNTINGS TYPICAL FOR 13 FT. OR 15 FT.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/28/2013
DATE

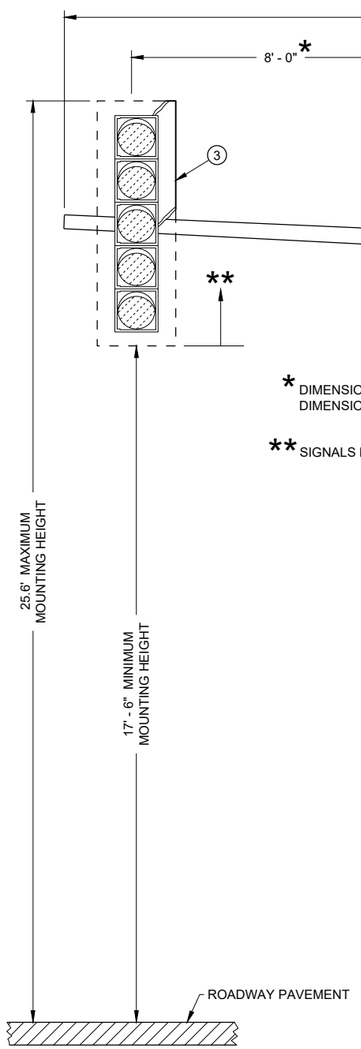
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

6

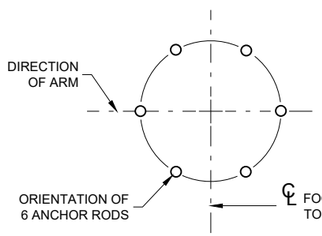
SDD 09E05 - 06

SDD 09E08-a Type 9 Pole, 15' - 30' Monotube Arm

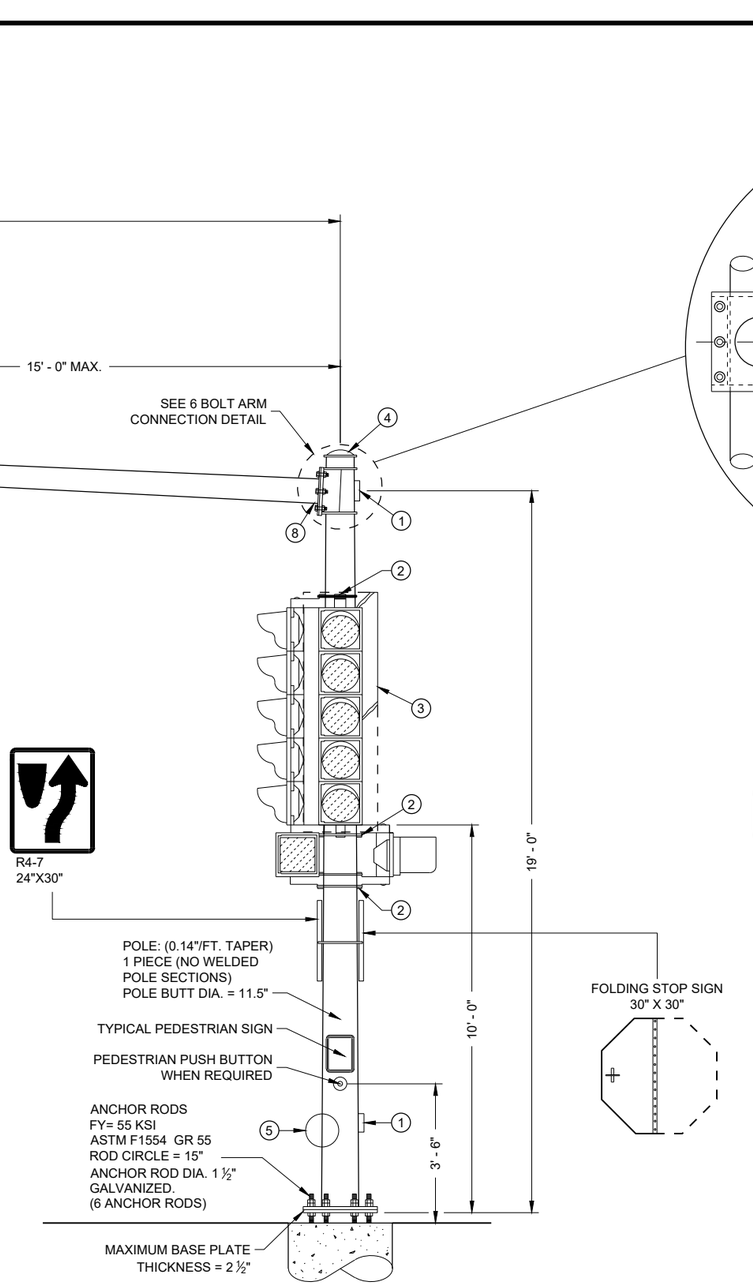


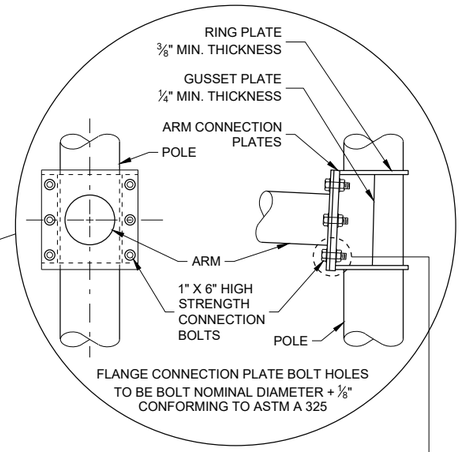
* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

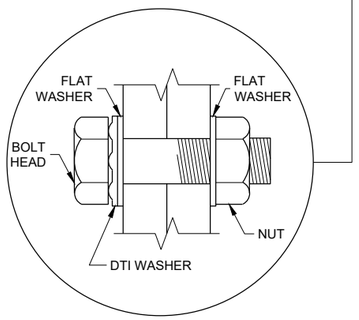


ANCHOR ROD LOCATION





6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 9 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 9 POLE
15' - 30' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

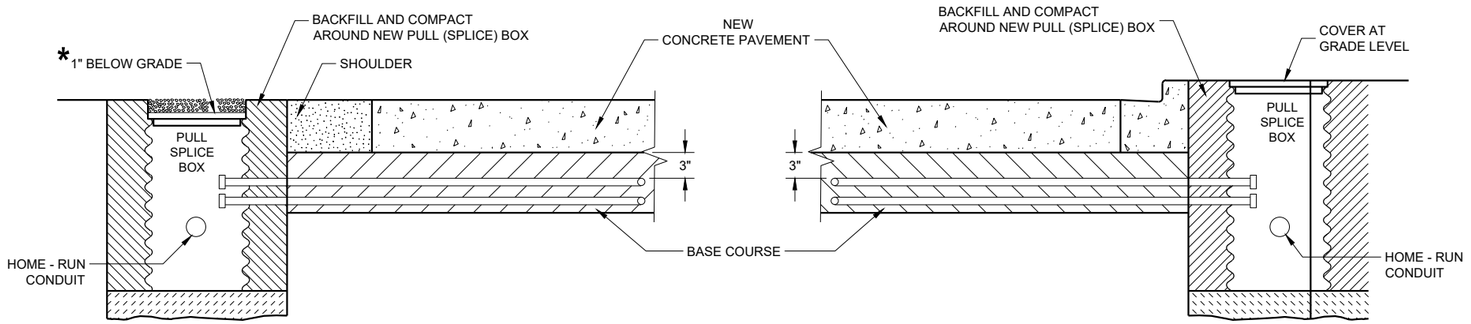
6

SDD 09E08 - 09a

6

SDD 09E08 - 09a

SDD 09F15-b Loop Detector Installed in Base Course with Pull (Splice) Box Off Roadway (option 2)



SECTION A - A
NO CURB AND GUTTER

SECTION B - B
CURB AND GUTTER

*RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

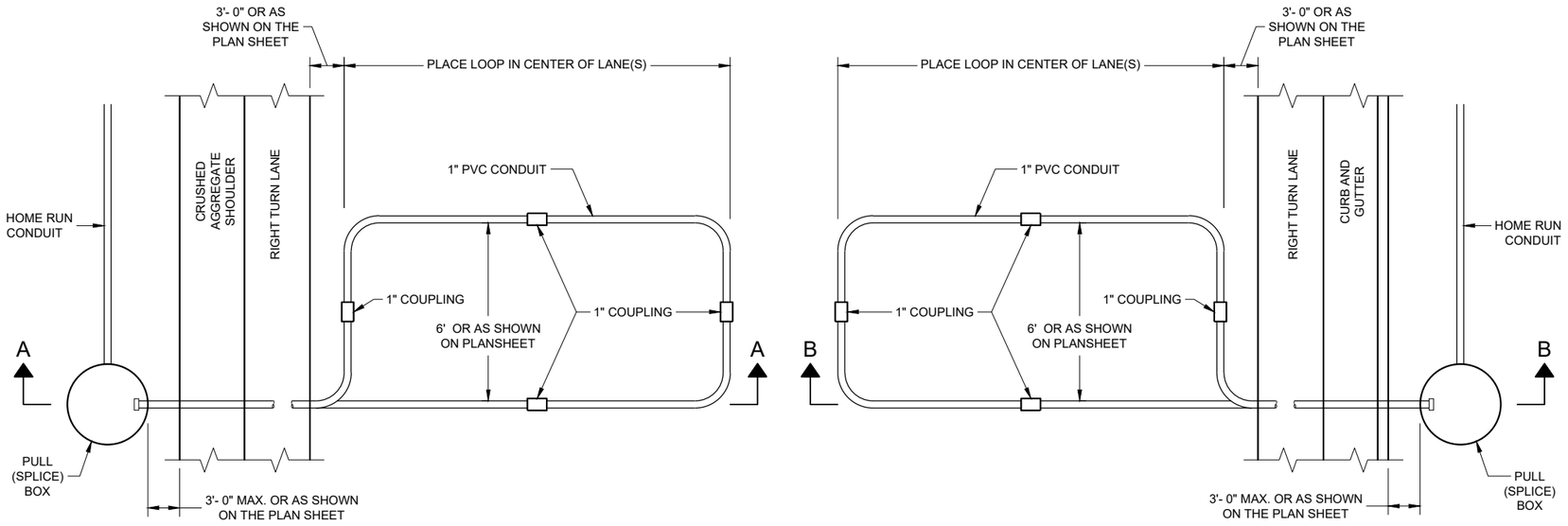
THE #12 AWG LOOP WIRE IN THE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

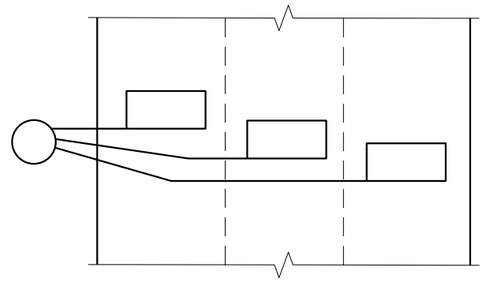
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.



TYPICAL PLAN LOOP DETECTOR WITH 24" PULL (SPLICE) BOX



MULTI-LANE INSTALLATION

LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

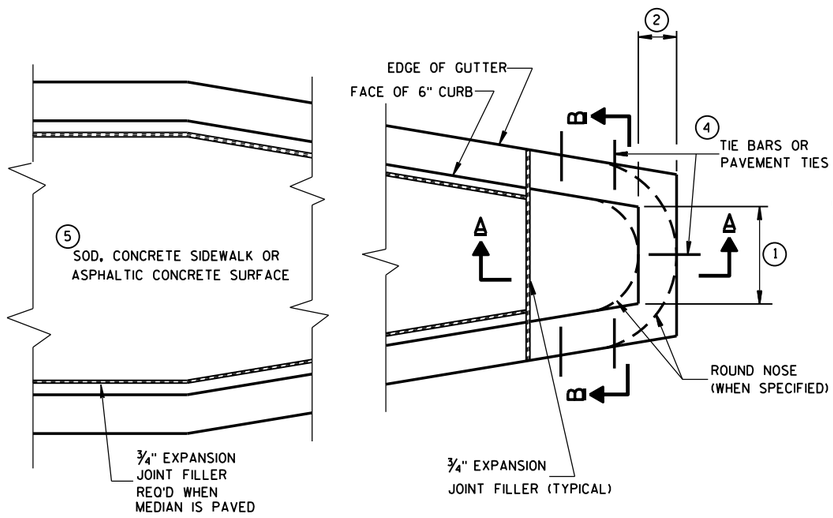
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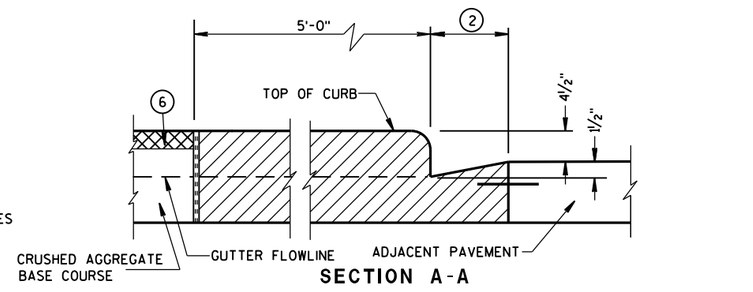
SDD 09F15 - 04b

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SDD 09F15 - 04b

SDD 11B2 Concrete Median Nose





CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

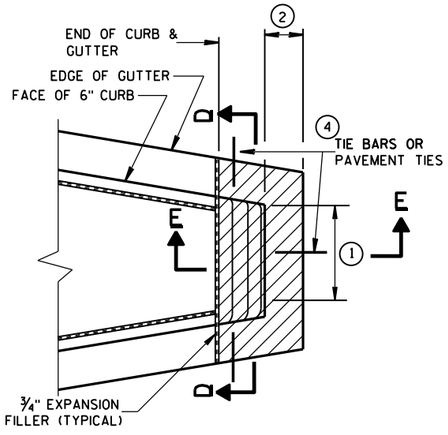
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

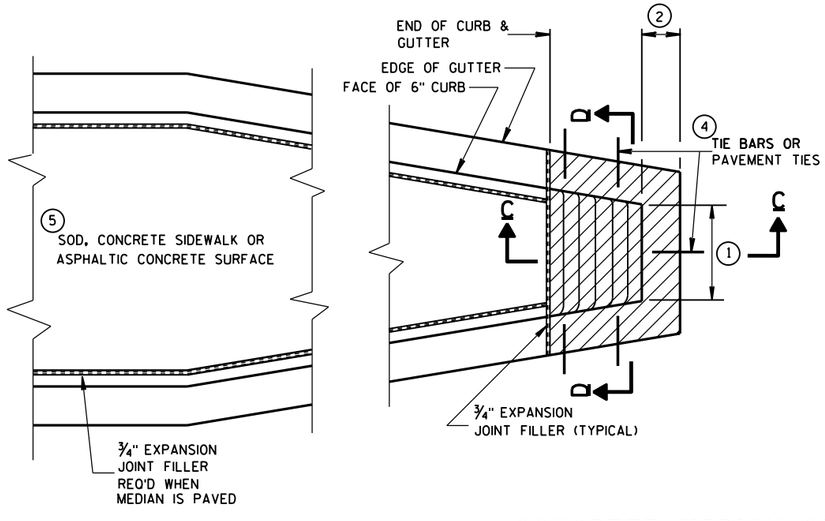
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

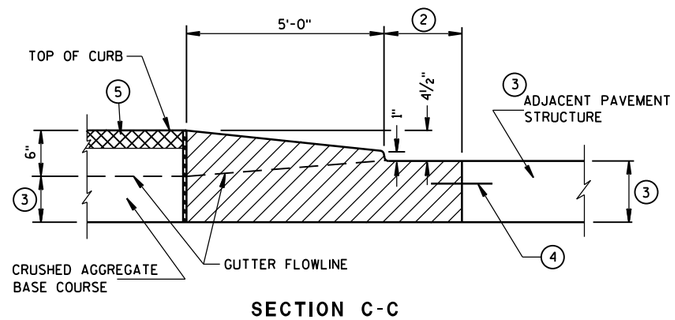
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

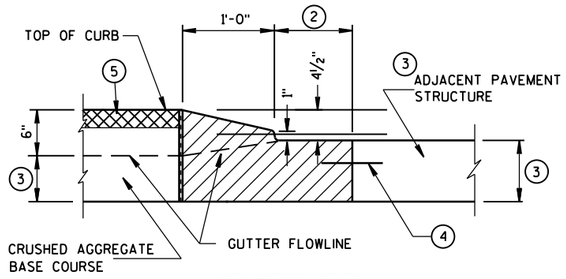
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



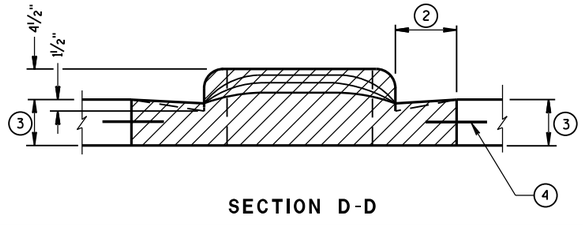




CONCRETE MEDIAN SLOPED NOSE TYPE 1



CONCRETE MEDIAN SLOPED NOSE TYPE 2



CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6-8-2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

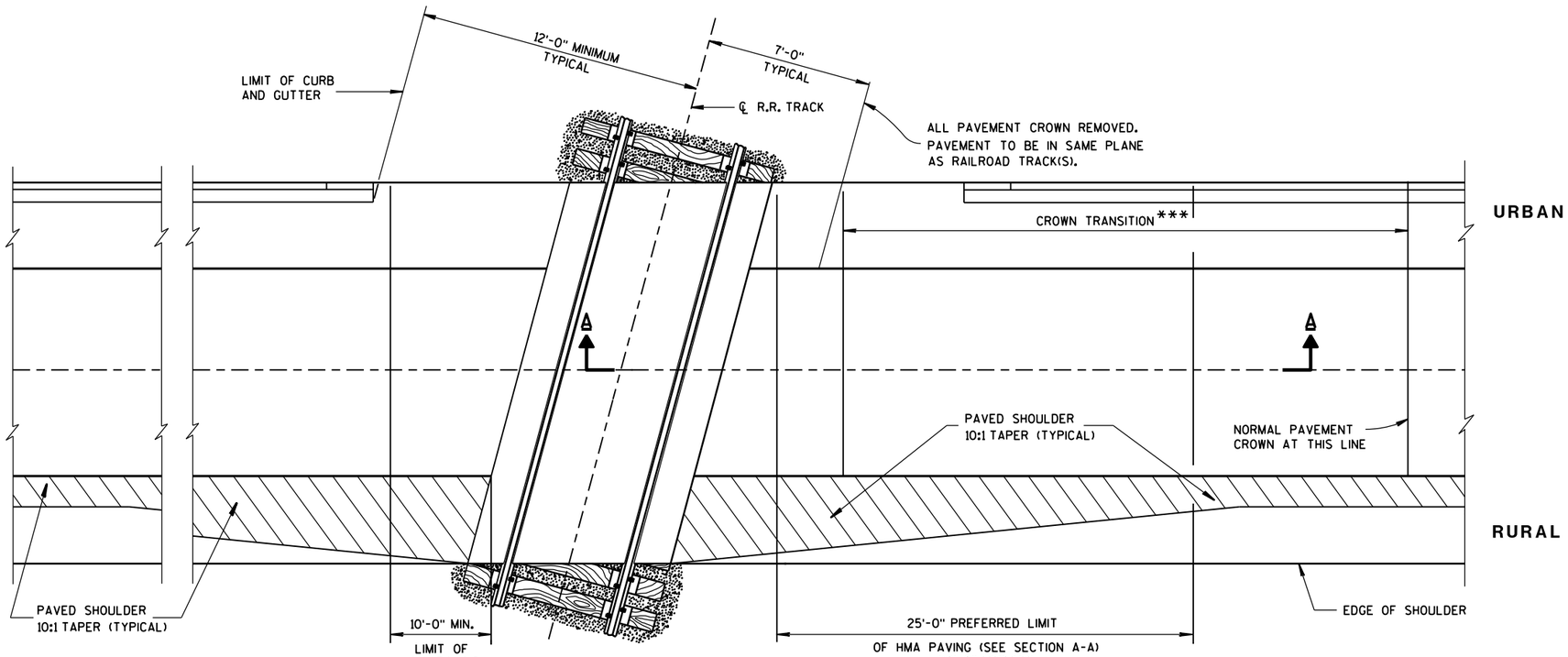
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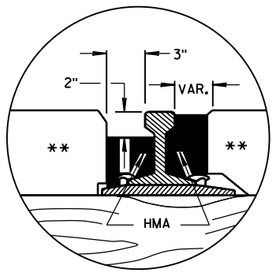
S.D.D. 11 B 2-2

6

S.D.D. 11 B 2-2

SDD 13B1 Pavement Details for Railroad Approach





DETAIL B

HMA FLANGEWAY AND FIELD FILLERS

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.

TIMBER, CONCRETE OR RUBBER CROSSING SURFACE MATERIAL, RAILS, TIES, BALLAST, GEOTEXTILE FABRIC AND CROSSING DRAINAGE SYSTEM BY OTHERS UNLESS OTHERWISE PROVIDED.

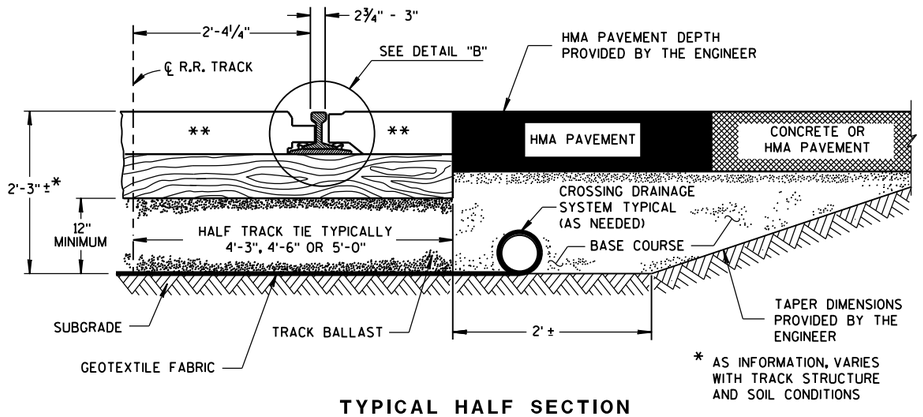
HMA PAVEMENT APPROACHES AND HMA PAVEMET CROSSING SURFACES TO BE PLACED BY CONTRACTOR UNLESS OTHERWISE PROVIDED.

HMA FLANGEWAY AND FIELD FILLERS TO BE PLACED AND THOROUGHLY HAND COMPACTED BY THE CONTRACTOR WHEN NOT PROVIDED BY OTHERS. SEE DETAIL B. HMA FILLERS NOT REQUIRED WHEN RUBBER FILLERS ARE PROVIDED.

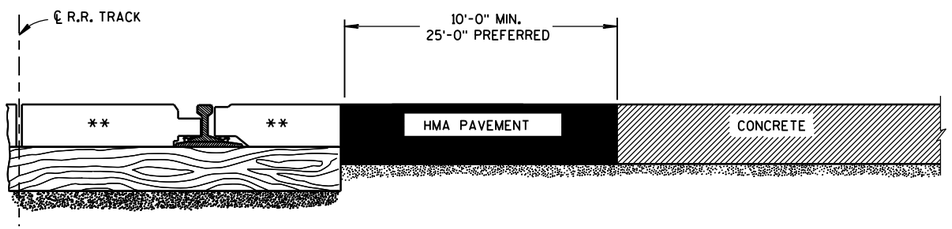
HMA PAVEMENT SHALL BE ROLLED PARALLEL TO THE TRACK.

** CROSSING SURFACE MAY BE TIMBER, RUBBER, CONCRETE, HMA PAVEMENT OR A COMBINATION OF SUCH MATERIALS.

*** CROWN TRANSITION LENGTH SHOWN ELSEWHERE IN THE PLAN.



TYPICAL HALF SECTION



SECTION A-A

CONCRETE PAVEMENT APPROACH



SECTION A-A

HMA PAVEMENT APPROACH

EXAMPLES OF PAVEMENT APPROACHES

PAVEMENT DETAILS FOR RAILROAD APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8-28-09
DATE

/S/ Ronald E. Adams
CHIEF, RAILROADS & HARBORS SECTION

FHWA

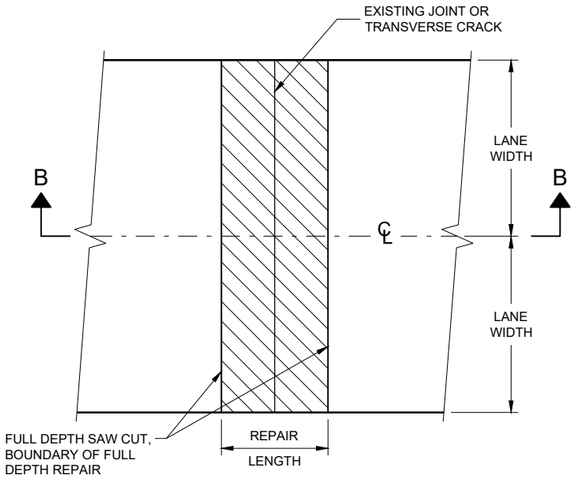
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S.D.D. 13 B 1-10

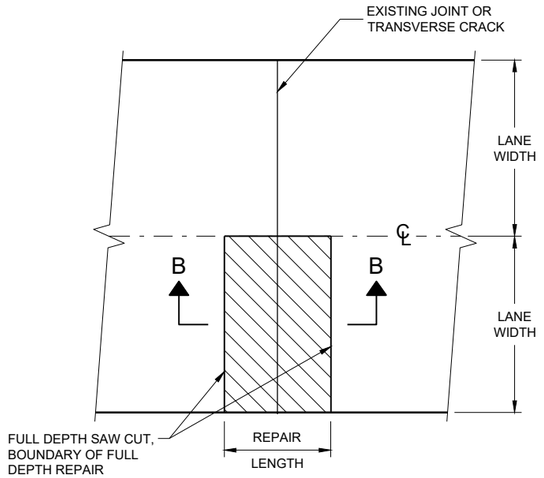
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S.D.D. 13 B 1-10

SDD 13C09-a Concrete Pavement Repair and Replacement



PLAN VIEW
(DOUBLE LANE REPAIR)



PLAN VIEW
(SINGLE LANE REPAIR)

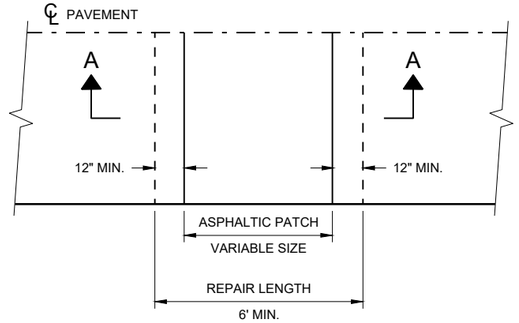
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

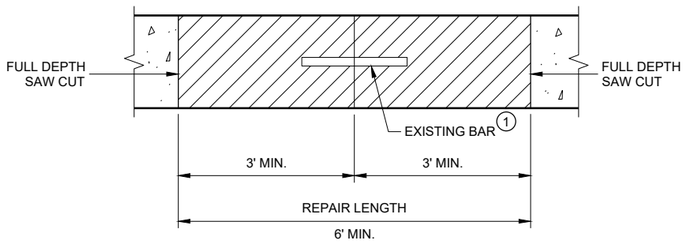
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.



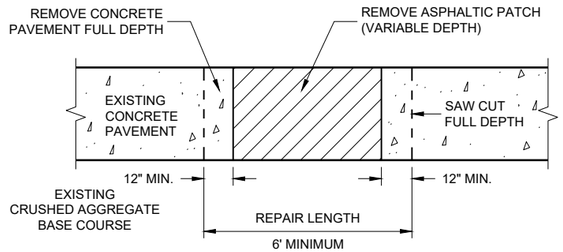
PLAN VIEW

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B

CONCRETE REMOVAL



SECTION A - A

HMA PATCH REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

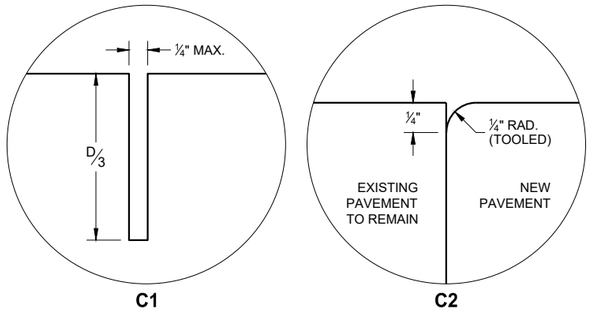
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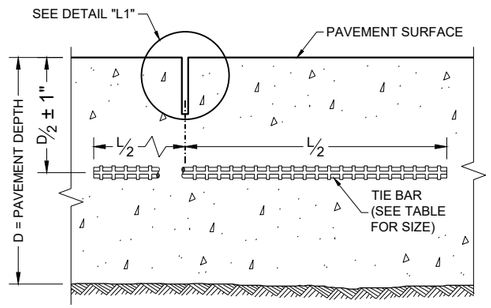
SDD 13C09 - 16a

SDD13C09 - 16a

SDD 13C09-b Concrete Pavement Repair and Replacement

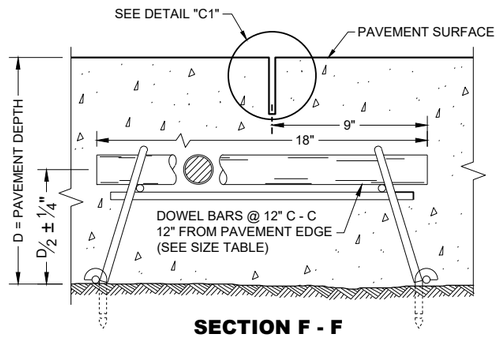


TRANSVERSE JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

DOWELED CONTRACTION JOINT

GENERAL NOTES

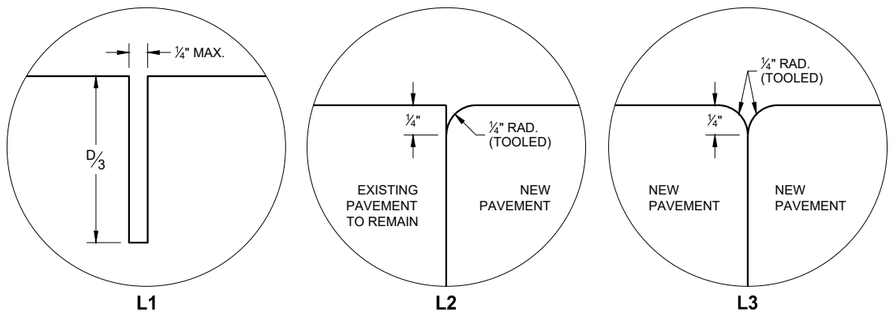
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE PAVEMENT REPAIRS OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

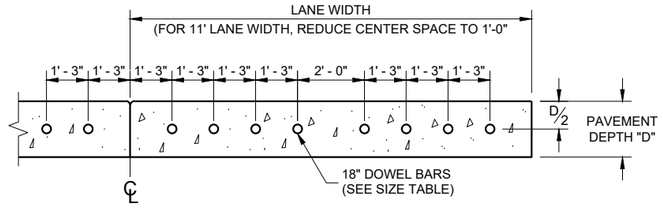
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

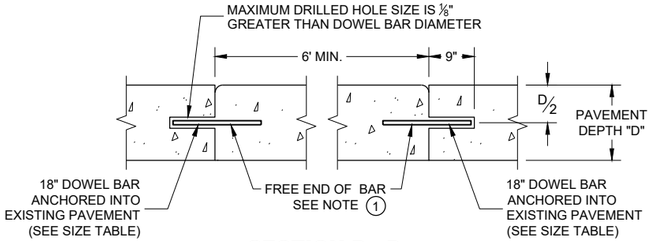


LONGITUDINAL JOINTS



SECTION E - E

DRILLED DOWEL BAR CONSTRUCTION JOINT



SECTION D - D

TIE BAR TABLE

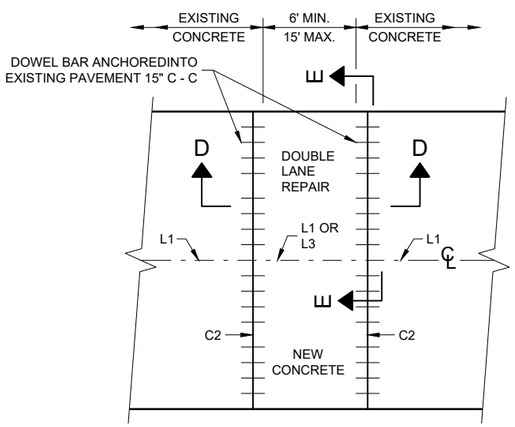
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* 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.

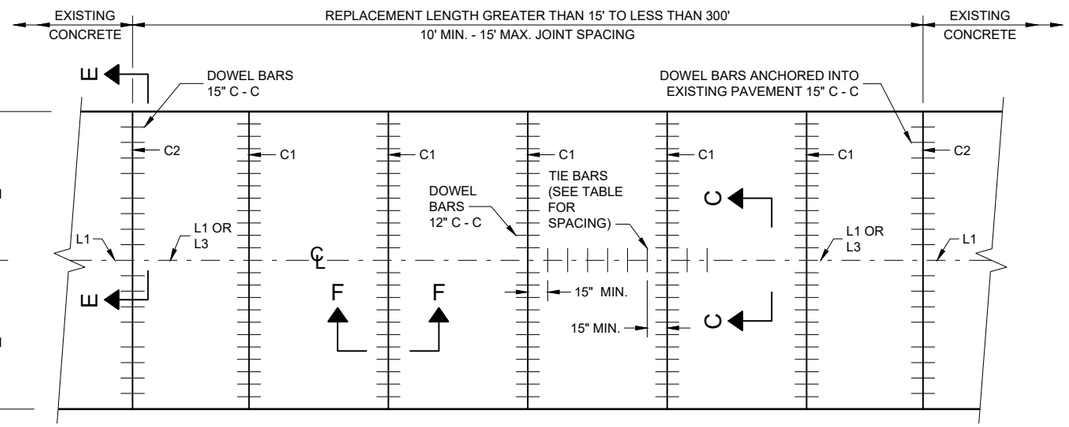
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 ½", 6", 6 ½"	NONE	NONE	12'
7", 7 ½"	1"	1"	14'
8", 8 ½"	1 ¼"	1 ¼"	15'
9" & ABOVE	1 ¼"	1 ¼"	15'



PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

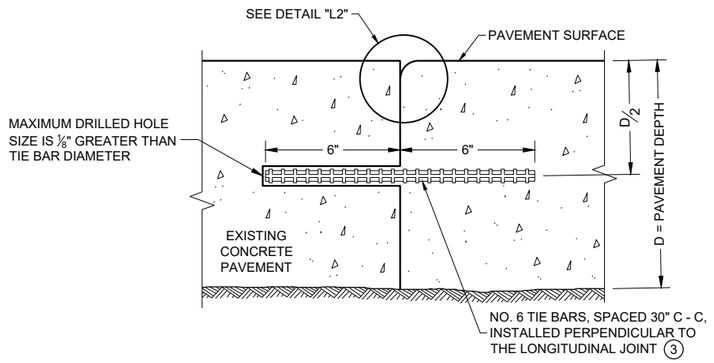
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 13C09 - 16b

6

SDD 13C09 - 16b

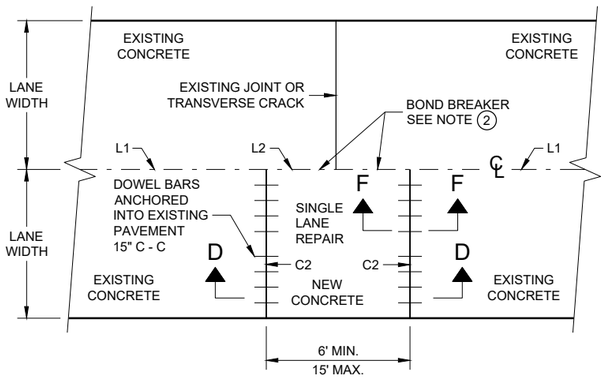


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

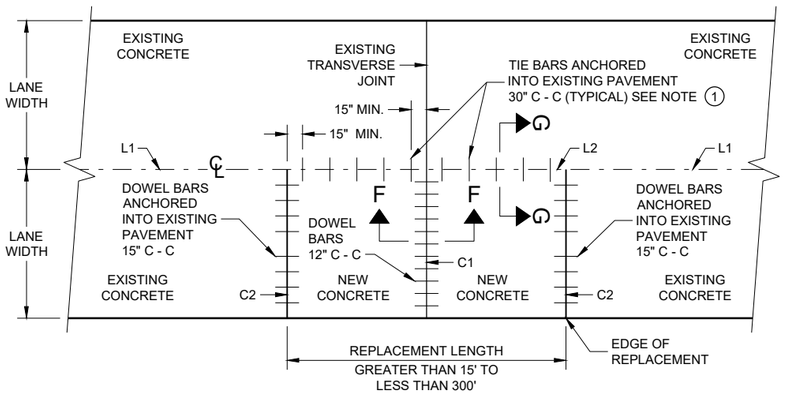
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

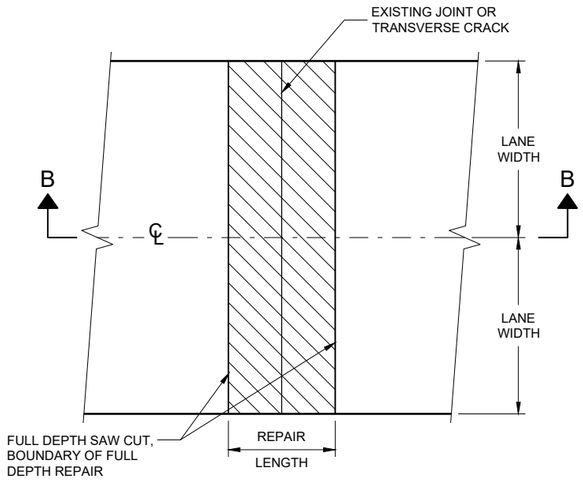
APPROVED
May 2022
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVISOR

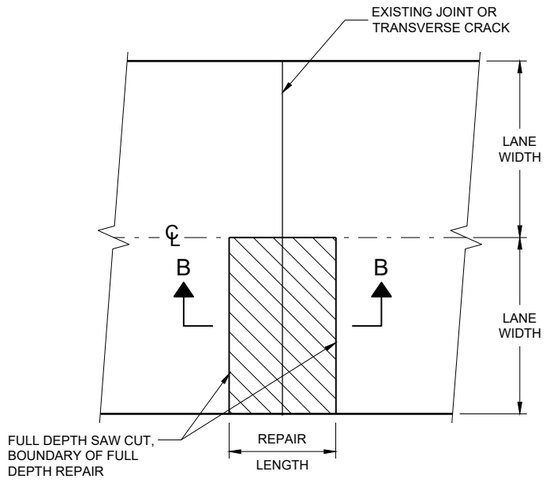
FHWA

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SDD 13C09 - 16c

SDD 13C14-a Base Patching Concrete

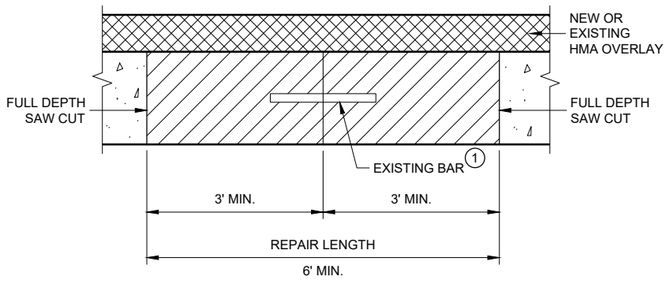


PLAN VIEW
DOUBLE LANE REPAIR



PLAN VIEW
SINGLE LANE REPAIR

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B
CONCRETE REMOVAL

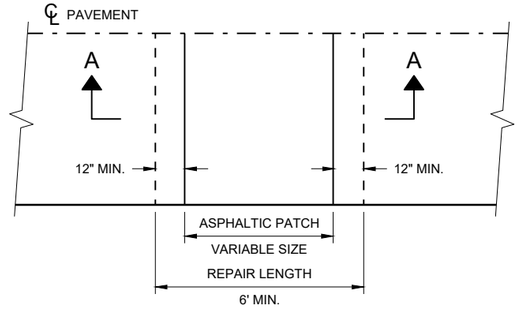
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

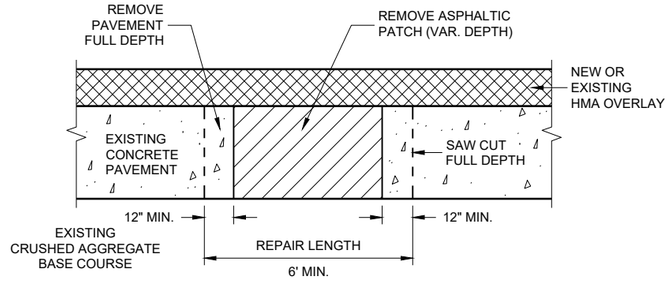
PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.



PLAN VIEW



SECTION A - A

HMA PATCH REMOVAL

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

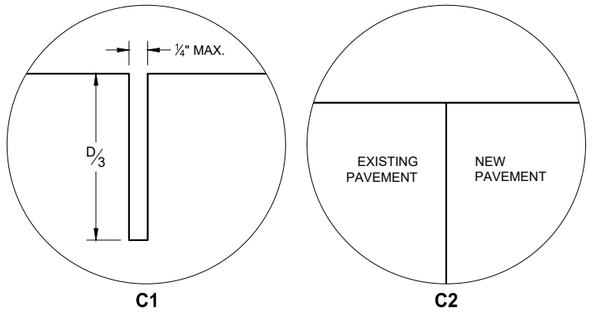
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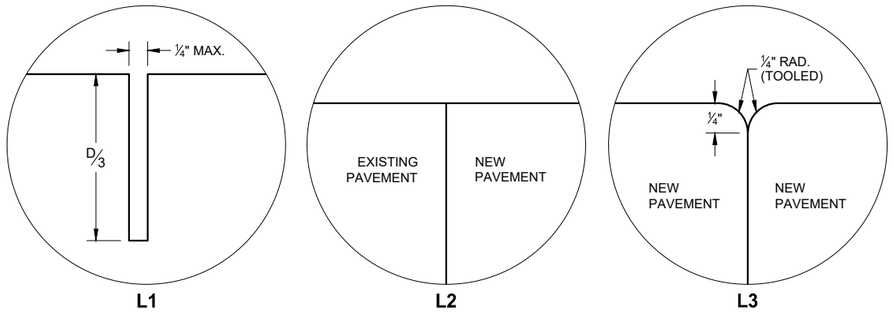
SDD 13C14 - 07a

SDD 13C14 - 07a

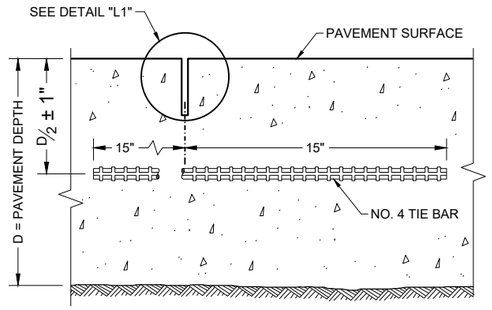
SDD 13C14-b Base Patching Concrete



TRANSVERSE JOINTS

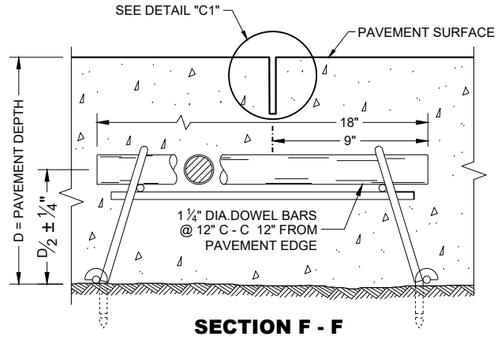


LONGITUDINAL JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

CONTRACTION JOINT

GENERAL NOTES

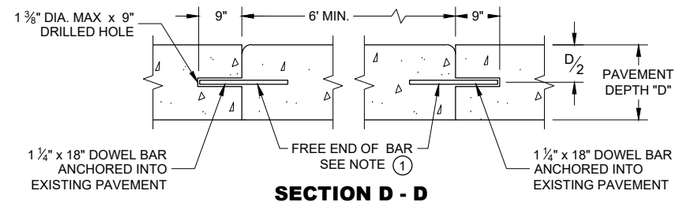
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE BASE PATCHES OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

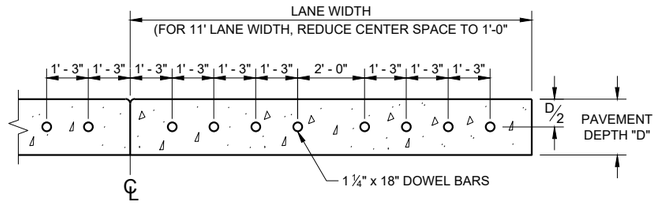
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT O EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

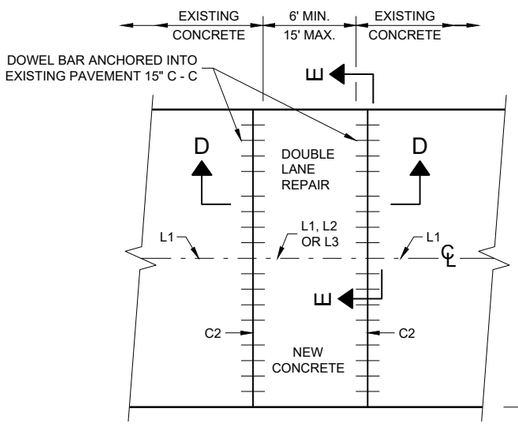


SECTION D - D



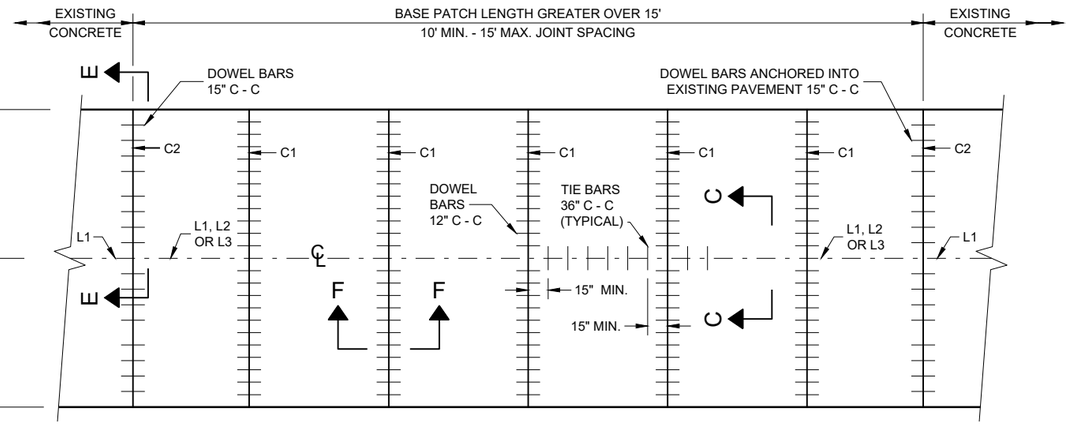
SECTION E - E

SPACING OF DOWEL BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

MULTILANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



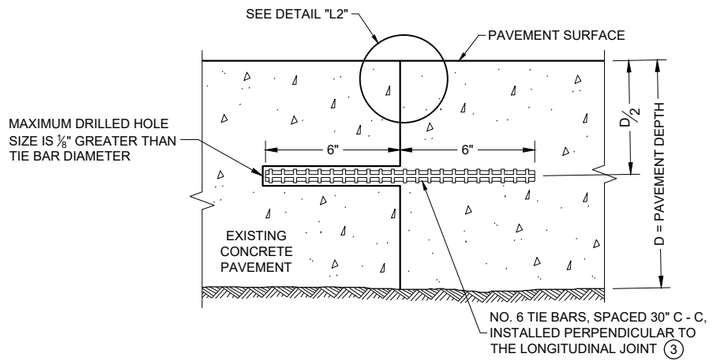
PLAN VIEW

MULTILANE CONCRETE BASE PATCH GREATER THAN 15' IN LENGTH

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 13C14 - 07b

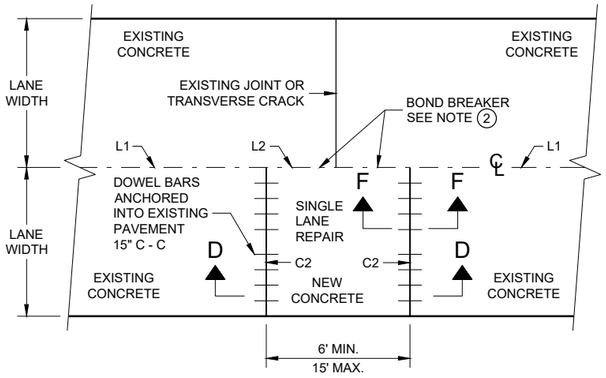


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

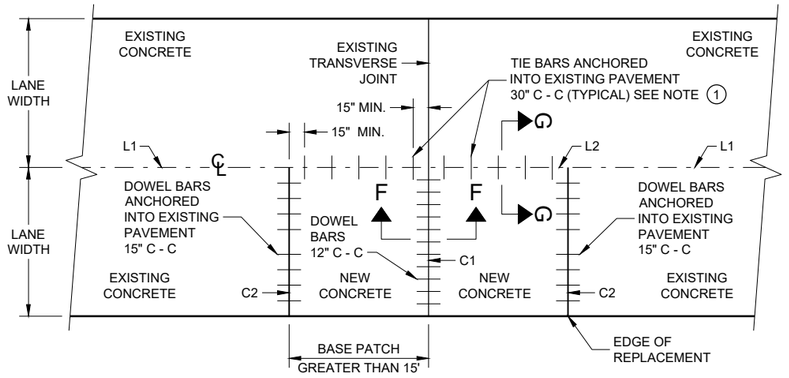
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH
15' MAXIMUM LENGTH



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH
GREATER THAN 15' LENGTH

BASE PATCHING CONCRETE

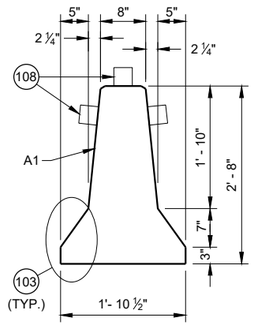
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

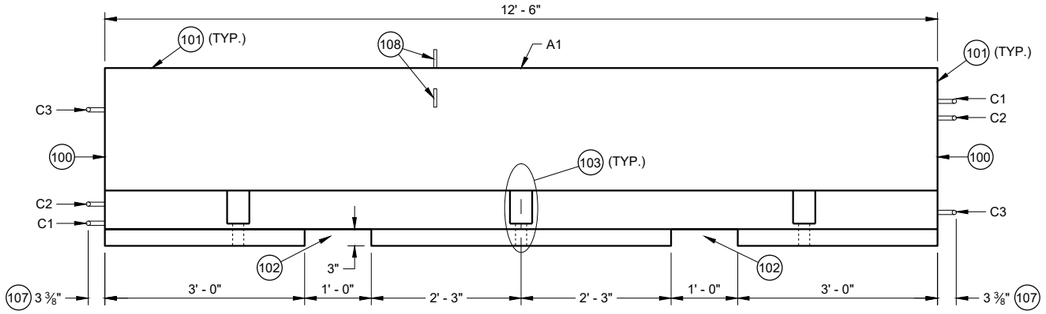
/S/ Peter Kemp P.E.
PAVEMENT SUPERVISOR

FHWA

SDD 14B07-a Concrete Barrier Temporary Precast, 12' - 6"



CROSS SECTION



PROFILE VIEW

GENERAL NOTES

PLACE BARRIER ON PAVED SURFACE. BEFORE PLACEMENT OF TEMPORARY BARRIER, REMOVE ALL LOOSE MATERIAL FROM PAVED SURFACE.

LOOP BARS C1, C2 AND C3 ARE NOT FOR PLACEMENT OR MOVEMENT OF BARRIER.

(100) PERMANENTLY FORM INTO ONE END OF BARRIER THE FOLLOWING INFORMATION:
- A. TYPE OF BARRIER: WI-CBTP
- B. MANUFACTURER
- C. DATE OF MANUFACTURE (MONTH AND YEAR)

(101) 1" OPTIONAL CHAMFER

(102) SEE LIFTING SLOT DETAIL

(103) SEE ANCHOR BLOCK DETAIL

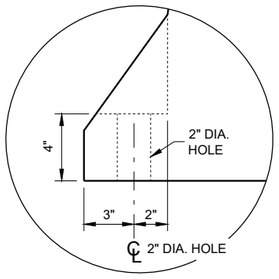
(104) 1 ¾" MIN. CLEAR COVER

(105) 2" MIN. CLEAR COVER

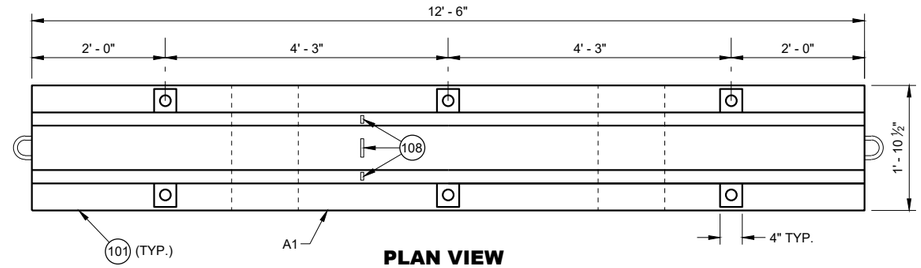
(106) 1" MIN. CLEAR COVER

(107) ± ⅛" MEASURED FROM FACE OF CONCRETE BARRIER TO OUTSIDE OF LOOP BAR (TYP.)

(108) USE DELINEATORS CONFORMING TO SECTION 633 OF THE STANDARD SPECIFICATIONS. CONTRACTOR MY USE ALTERNATE SHAPES AND HOUSING. INSTALL DELINEATORS ACCORDING TO MANUFACTURERS INSTRUCTION. INSTALL YELLOW REFLECTORS WHEN BARRIER IS LOCATED LEFT OF TRAFFIC AND WHITE WHEN BARRIER IS LOCATED RIGHT OF TRAFFIC. SPACE DELINEATORS A MAXIMUM OF 25 FEET APART, PROVIDE TO MOUNTED DELINEATORS IN ADDITION TO SIDE MOUNTED DELINEATORS ON BARRIER INSTALLATIONS LOCATED ON A CURVED ALIGNMENT LONGER THAT 200 FEET AND ON BARRIERS USED TO SEPARATE OPPOSING TRAFFIC.

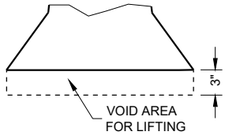


ANCHOR BLOCK DETAIL

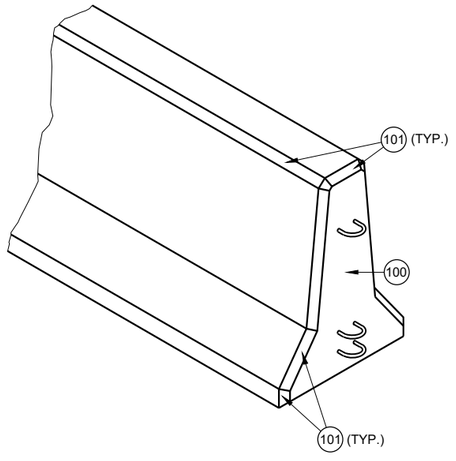


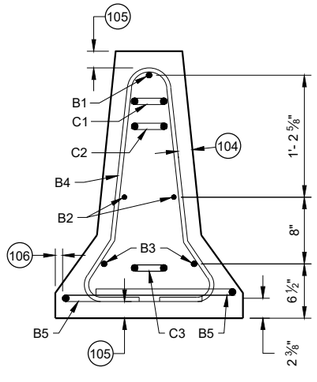
PLAN VIEW

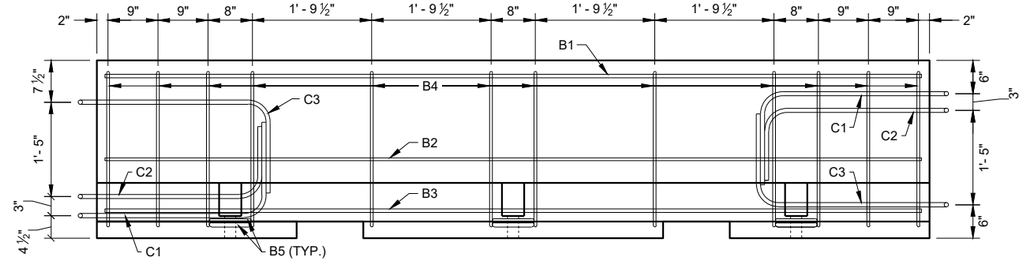
TEMPORARY BARRIER



LIFTING SLOT DETAIL (TYP.)







PROFILE VIEW

TEMPORARY BARRIER REINFORCEMENT

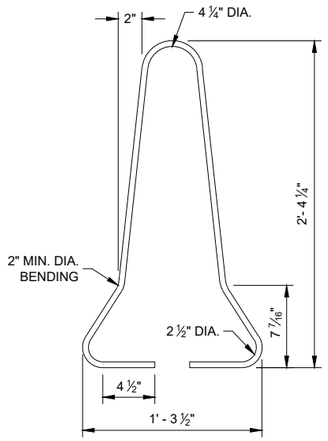
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

6

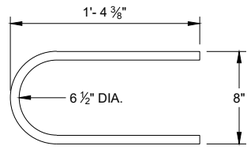
SDD 14B07 - 16a

6

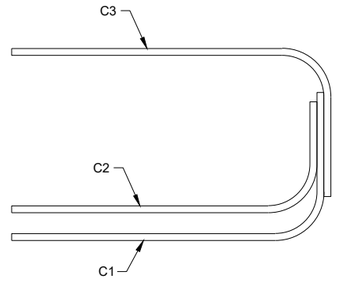
SDD 14B07 - 16a



B4 BAR DETAIL

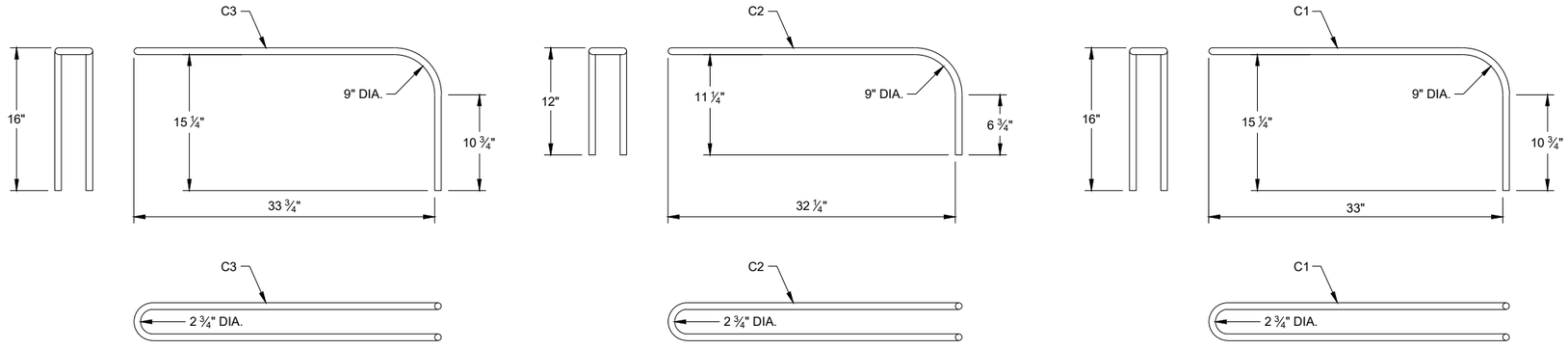


B5 BAR DETAIL



PROFILE VIEW

LOOP BAR ASSEMBLY



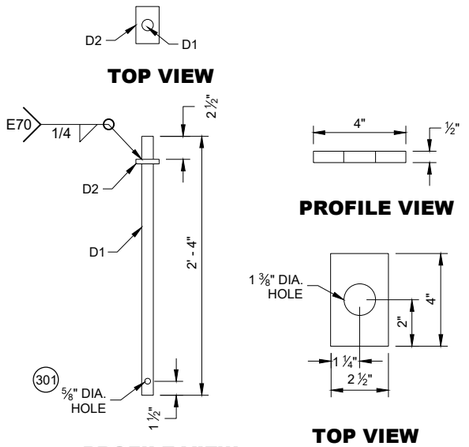
C BAR DETAILS

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

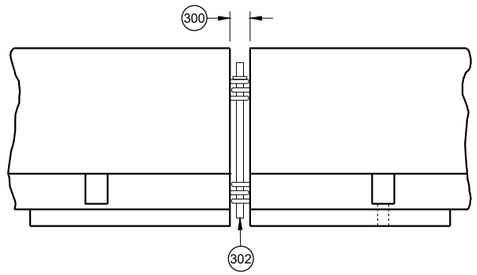
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07 - 16b

SDD 14B07-c Concrete Barrier Temporary Precast, 12' - 6"



CONNECTOR PIN ASSEMBLY



CONNECTING TEMPORARY BARRIER SECTIONS

GENERAL NOTES

300 SET WITH 3 ⅝" WOOD BLOCK.

301 HOLE IS OPTIONAL.

302 CONNECTOR PIN ASSEMBLY.

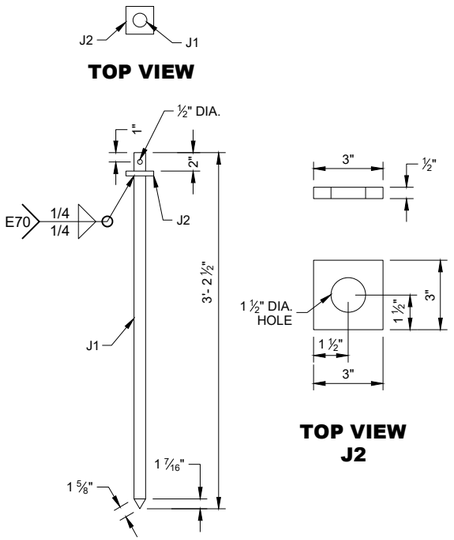
303 CONCRETE PAVEMENT, APPROACH SLAB, OR DECK.

304 CONCRETE DECK.

305 DO NOT USE ON CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY OR CONCRETE PAVEMENT WITH ASPHALT OVERLAY.

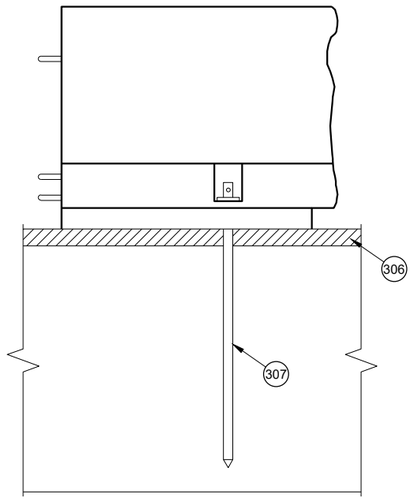
306 MINIMUM OF 2" OF ASPHALT.

307 ASPHALT ANCHOR PIN ASSEMBLY



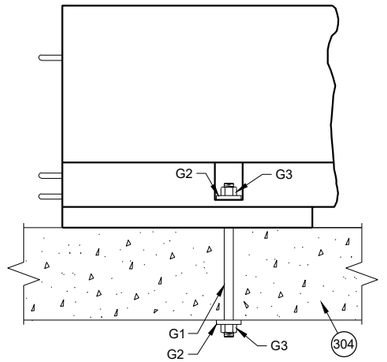
PROFILE VIEW

ASPHALT ANCHOR PIN ASSEMBLY



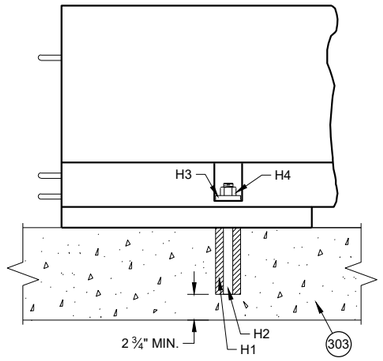
SIDE VIEW

ASPHALT ANCHOR INSTALLATION



SIDE VIEW

THROUGH BOLT ANCHOR INSTALLATION 305



SIDE VIEW

ADHESIVE ANCHOR INSTALLATION 305

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

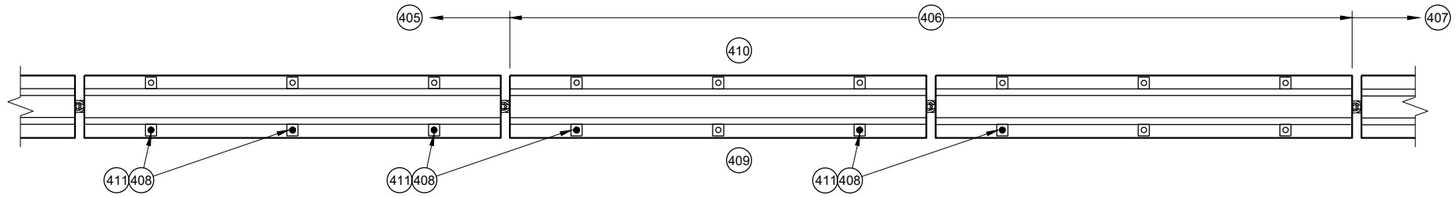
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SDD 14B07 - 16c

6

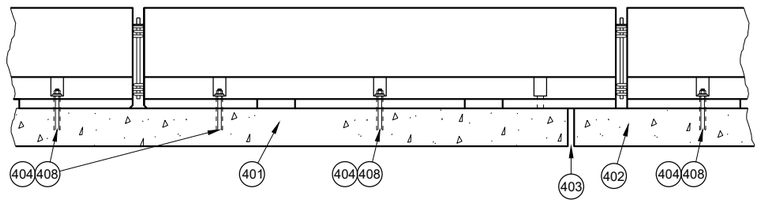
SDD 14B07 - 16c

SDD 14B07-d Concrete Barrier Temporary Precast, 12' - 6"



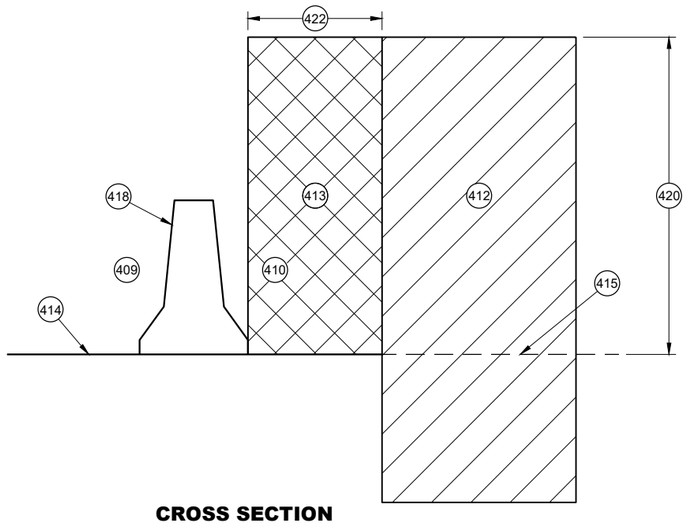
PLAN VIEW

TRANSITION FROM FREE STANDING TO ANCHORED BARRIER



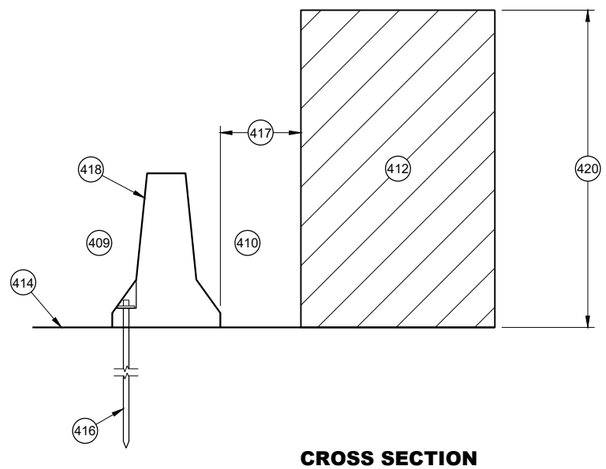
PROFILE VIEW

ANCHORED BARRIER NEAR EXPANSION JOINT (400)



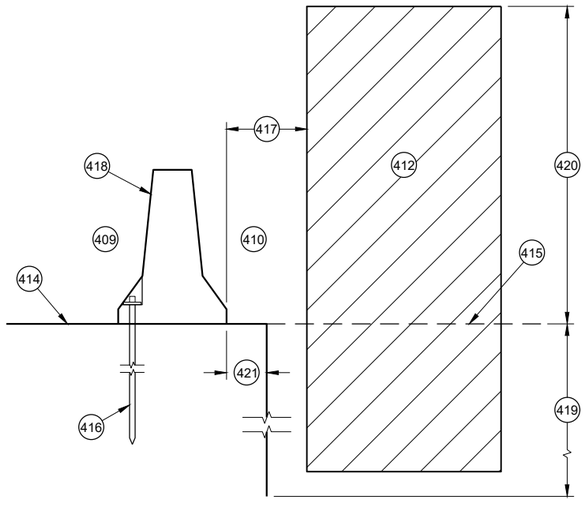
CROSS SECTION

FREE STANDING BARRIER



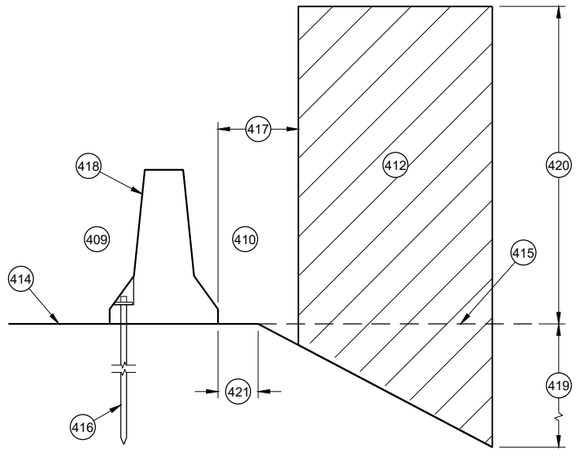
CROSS SECTION

ANCHORED BARRIER FOR OBJECTS ABOVE THE GRADE LINE AND NEAR THE BARRIER



CROSS SECTION

ANCHORED BARRIER NEAR VERTICAL DROP OFF



CROSS SECTION

ANCHORED BARRIER NEAR A SLOPE

GENERAL NOTES

(400) NO SINGLE CONCRETE BARRIER SECTION SHALL BE ANCHORED TO BOTH THE BRIDGE DECK AND THE APPROACH SLAB. ALL ANCHOR BOLT LOCATIONS SHALL BE ANCHORED TO THE DECK IN ACCORDANCE WITH THE DETAIL. NO MORE THAN ONE ANCHOR BOLT SHALL BE ELIMINATED FROM A BARRIER SECTION WHEN SPANNING AN EXPANSION JOINT.

(401) CONCRETE DECK

(402) CONCRETE DECK OR APPROACH SLAB.

(403) EXPANSION JOINT

(404) ADHESIVE ANCHOR SHOWN. SEE ANCHOR DETAILS.

(405) ANCHORED TEMPORARY BARRIER

(406) TRANSITION FROM ANCHORED TEMPORARY BARRIER TO FREE STANDING

(407) FREE STANDING BARRIER

(408) REMOVE ALL ANCHORS WHEN NO LONGER NEEDED. FILL CONCRETE PAVEMENTS, DECKS AND APPROACH SLABS WITH NON-SHRINK COMMERCIAL GROUT FROM THE APPROVED PRODUCT LIST. FILL ASPHALT PAVEMENTS WITH ASTM D6690 TYPE II RUBBERIZED CRACK FILLER.

(409) TRAFFIC SIDE

(410) NON-TRAFFIC SIDE

(411) ANCHOR LOCATION. SEE ANCHORING DETAILS.

(412) WORK AREA

(413) AREA FREE OF OBJECTS AND WORKERS

(414) GRADE LINE

(415) EXTENDED GRADE LINE

(416) ANCHORED TEMPORARY BARRIER. SEE BOLT THROUGH DECK, REMOVABLE ADHESIVE ANCHOR, OR AN ASPHALT ANCHOR ROD DETAILS FOR MORE INFORMATION. ASPHALT ANCHOR ROD SHOWN.

(417) WHEN OBJECTS EXTEND ABOVE THE GRADE. A MINIMUM OF 1 FOOT IS REQUIRED FROM BACK OF BARRIER TO OBJECT.

(418) OBJECTS ARE NOT TO BE PLACED ON, MOUNTED TO, OR ALLOWED TO LEAN AGAINST THE BARRIER WITHOUT WRITTEN PERMISSION OF THE PROJECT ENGINEER.

(419) DEPTHS OF 3 FEET OR MORE.

(420) Y = 6.5'

(421) OFFSET FROM BACK OF BARRIER EDGE:

CONCRETE PAVEMENT	0.5'
ASPHALT	0.5'

(422) POSTED SPEED (MPH):

45 OR GREATER	4.0'
40 OR LOWER	2.0'

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B07 - 16d

SDD 14B07-e Concrete Barrier Temporary Precast, 12' - 6"

GENERAL NOTES

(500) EXISTING RIGID BARRIERS (VARIES)

(501) TEMPORARY BARRIER

(502) SEE OTHER DETAIL ON HOW TO ANCHOR TEMPORARY BARRIER (BARRIER ASPHALT ANCHOR SHOWN).

(503) ANCHORS ARE REQUIRED ON BOTH SIDE OF THE TEMPORARY BARRIER.

(504) NESTED RAILS ARE REQUIRED ON BOTH SIDES OF THE TEMPORARY BARRIER FOR ALL INSTALLATIONS.

(505) TRAFFIC TRAVELS FROM PERMANENT BARRIER TO TEMPORARY BARRIER.

(506) TRAFFIC TRAVELS FROM TEMPORARY BARRIER TO PERMANENT BARRIER.

(507) VERTICAL BARRIER

(508) SAFETY SHAPE BARRIER

(509) SINGLE SLOPE BARRIER

(510) CAP END PLATE PLACED FLUSH WITH UPSTREAM END OF RIGID BARRIER.

(511) BENT THRIE BEAM TO FIT.

(512) THRIE BEAM PIECES ARE OFFSET 15 ¼" TO PREVENT INTERFERENCE FROM THE ANCHORS ON OPPOSING SIDES.

(513) TWO (2) P1, P2 AND P3 ARE REQUIRED

(514) FIVE (5) N1, N2 AND N3 ARE REQUIRED

(515) TWO (2) R1, R2 AND R3 ARE REQUIRED

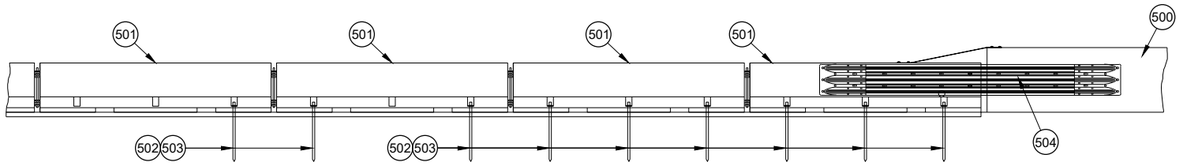
(516) CUT WOOD BLOCK TO FIT.

(517) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL ASSEMBLY.

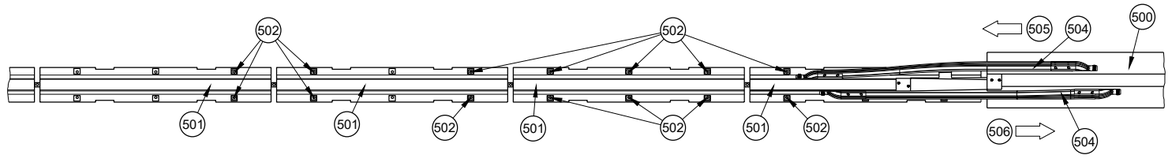
(518) CAP ASSEMBLY

(519) 4" MAX. GAP BETWEEN TEMPORARY BARRIER AND RIGID BARRIER.

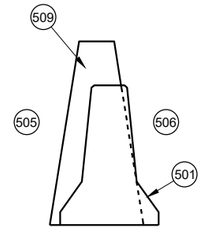
(520) ALL TWELVE SPLICE HOLES REQUIRE M1 AND M2



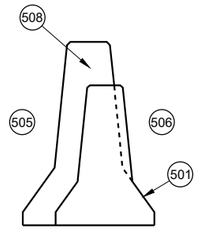
PROFILE VIEW



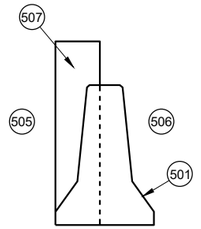
PLAN VIEW
TRANSITION TO RIGID BARRIER



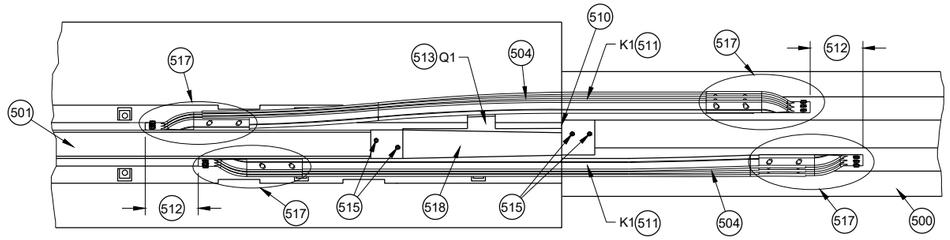
CROSS SECTION TEMPORARY BARRIER PLACEMENT SINGLE SLOPE



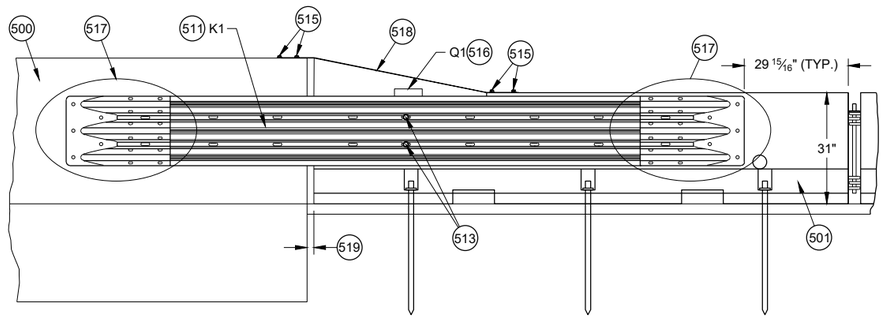
CROSS SECTION TEMPORARY BARRIER PLACEMENT SAFETY SHAPE



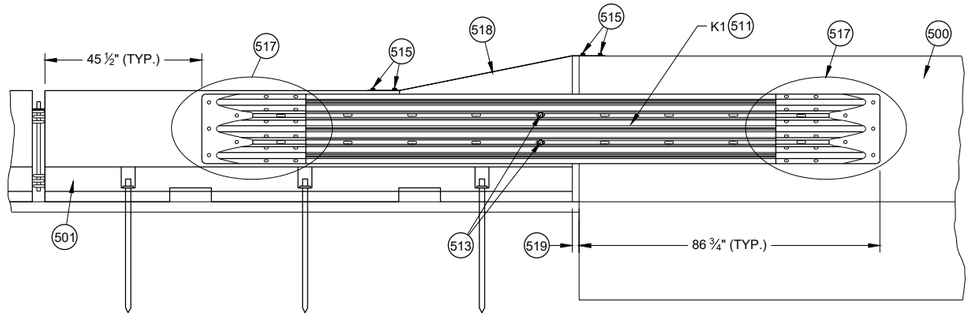
CROSS SECTION TEMPORARY BARRIER PLACEMENT VERTICAL



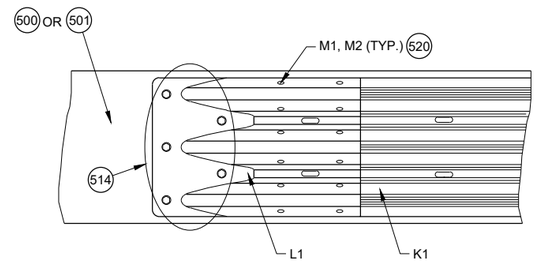
PLAN DETAIL VIEW
TRANSITION TO RIGID BARRIER



BACK DETAIL VIEW
TRANSITION TO RIGID BARRIER



FRONT DETAIL VIEW
TRANSITION TO RIGID BARRIER



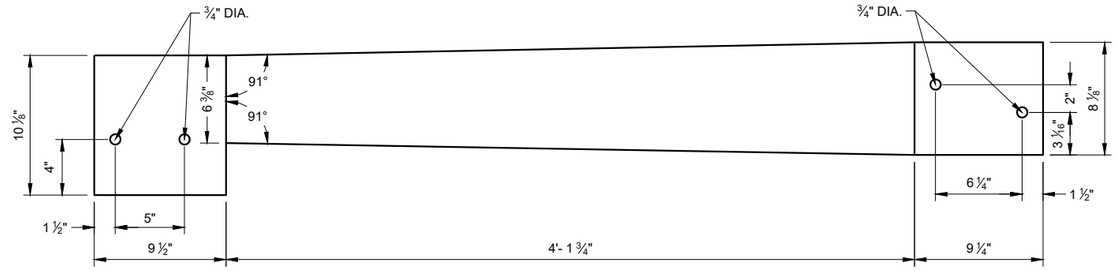
(517) DETAIL PLAN VIEW
THRIE BEAM RAIL TERMINAL CONNECTOR ASSEMBLY

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

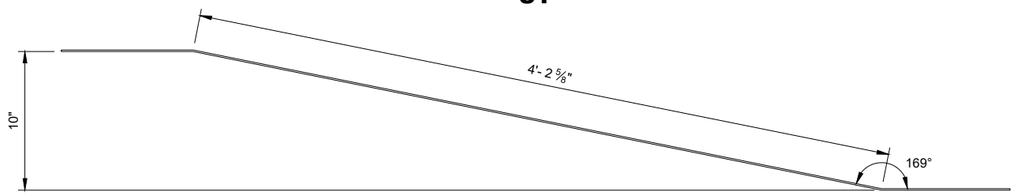
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07 - 16e

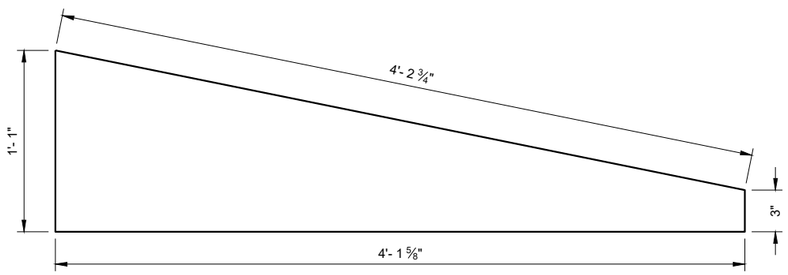
SDD 14B07-f Concrete Barrier Temporary Precast, 12' - 6"



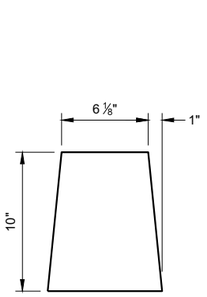
TOP VIEW
S1



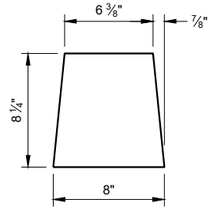
ELEVATION VIEW
S1



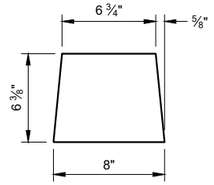
SIDE VIEW
S3



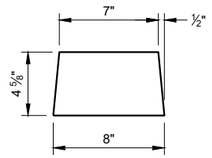
S2



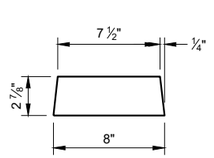
S4



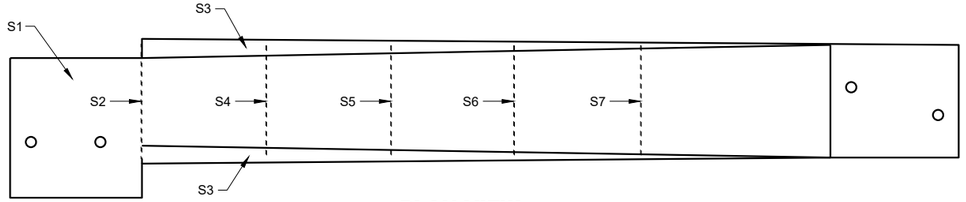
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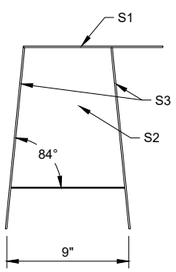
S6



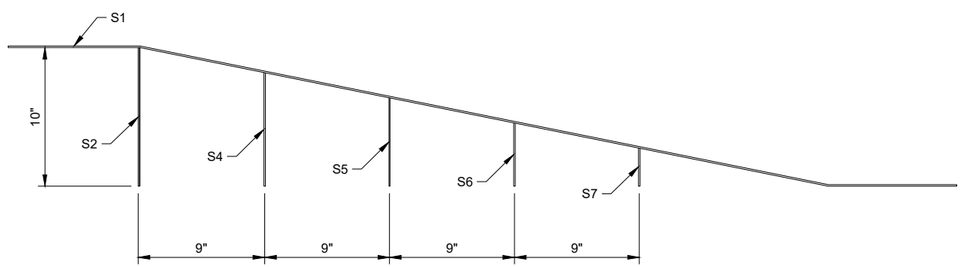
S7



PLAN VIEW



BACK VIEW



SIDE VIEW (600)

42" TOP CAP ASSEMBLY

GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THREE SIDES

STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

(600) SIDE PLATES (S3) NOT SHOWN FOR CLARITY.

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

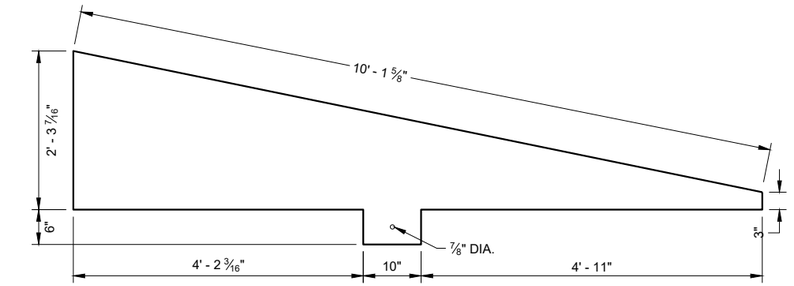
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SDD 14B07 - 16f

6

SDD 14B07 - 16f

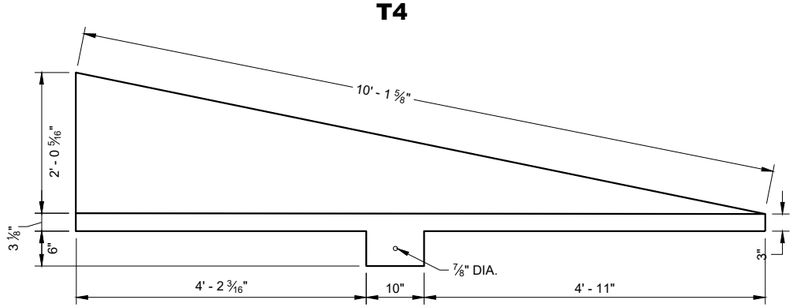
SDD 14B07-g Concrete Barrier Temporary Precast, 12' - 6"



SIDE VIEW
T4



END VIEW



SIDE VIEW
T3

END VIEW

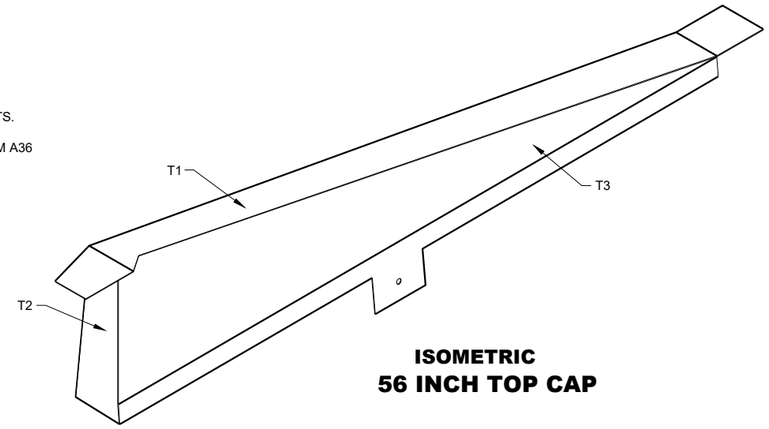
GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THRIE SIDES

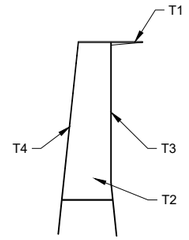
STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 GALVANIZED STEEL.

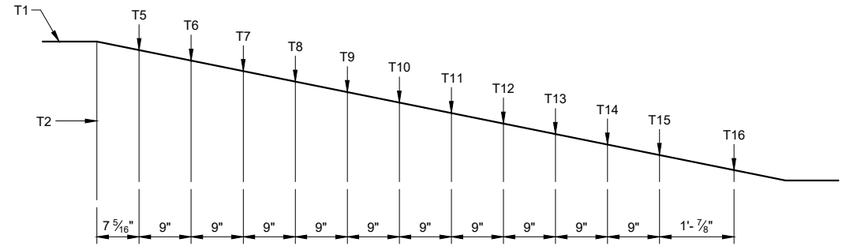
(700) SIDE PLATES (T3 AND T4) NOT SHOWN FOR CLARITY.



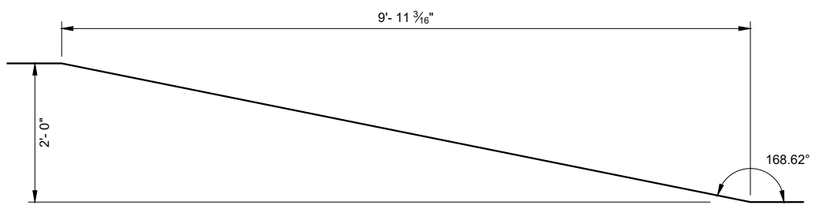
ISOMETRIC
56 INCH TOP CAP



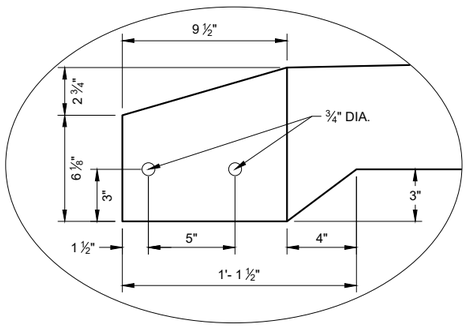
END VIEW
56 INCH TOP CAP



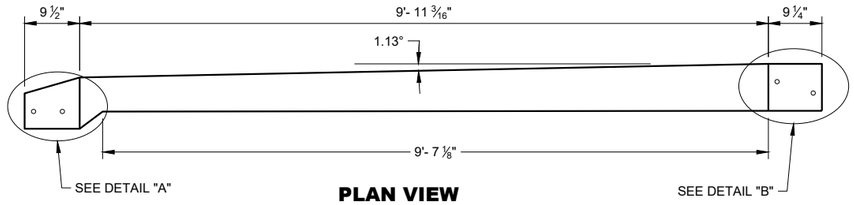
SIDE VIEW (700)
56 INCH TOP CAP



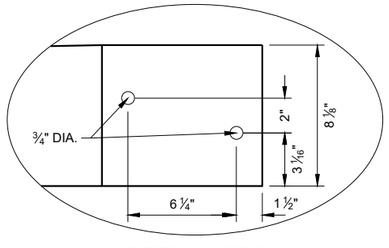
SIDE VIEW
TOP PLATE T1



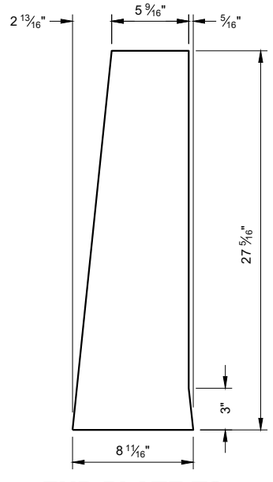
DETAIL "A"



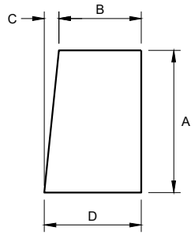
PLAN VIEW
TOP PLATE T1



DETAIL "B"



END PLATE T2



GUSSET PLATES
T5 - T16

GUSSET DIMENSIONS				
GUSSET NO.	A	B	C	D
T5	22 13/16"	5 1/16"	2 5/16"	8 1/16"
T6	21"	5 7/8"	2 3/16"	8 1/16"
T7	19 3/16"	6 1/16"	1 15/16"	8 1/16"
T8	17 3/8"	6 1/4"	1 13/16"	8 1/16"
T9	15 5/16"	6 7/16"	1 9/16"	8 1/16"
T10	13 3/4"	6 5/8"	1 7/16"	8 1/16"
T11	11 15/16"	6 13/16"	1 1/4"	8 1/16"
T12	10 1/8"	7"	1 1/16"	8 1/16"
T13	8 5/16"	7 3/16"	7/8"	8 1/16"
T14	6 1/2"	7 3/8"	1 1/16"	8 1/16"
T15	4 11/16"	7 9/16"	1/2"	8"
T16	2 7/8"	7 3/4"	1/4"	8"

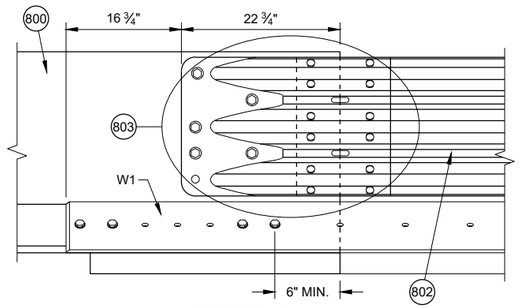
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

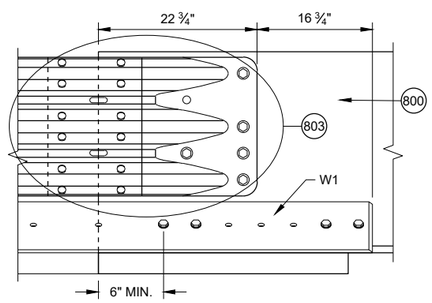
SDD 14B07 - 16g

SDD 14B07 - 16g

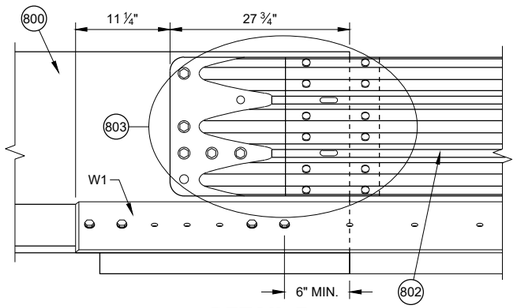
SDD 14B07-h Concrete Barrier Temporary Precast, 12' - 6"



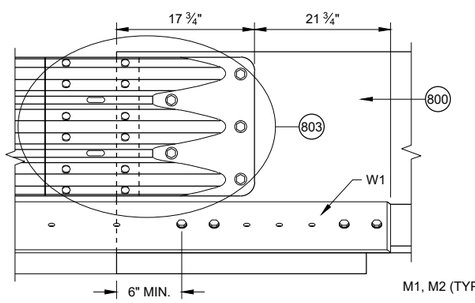
DETAIL D



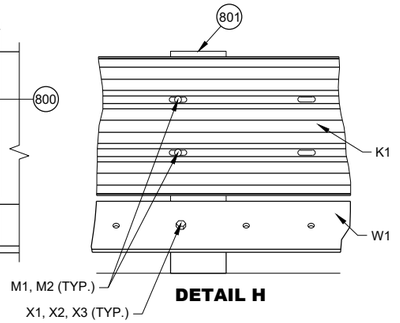
DETAIL E



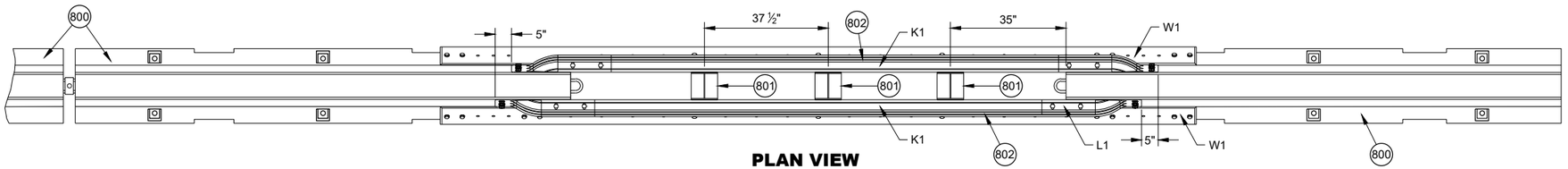
DETAIL F



DETAIL G



DETAIL H



PLAN VIEW

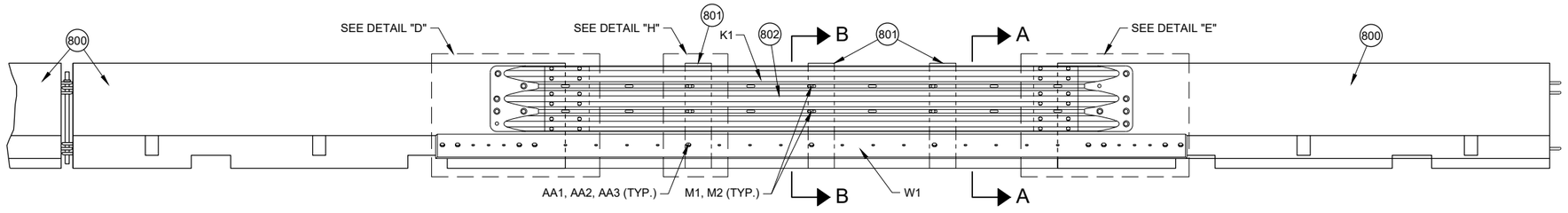
GENERAL NOTES

(800) FREE STANDING TEMPORARY BARRIER

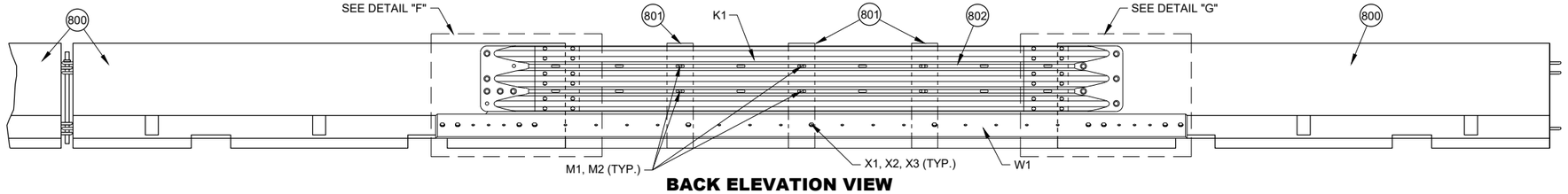
(801) GAP STIFFENER ASSEMBLY

(802) THRIE BEAMS ARE NESTED ON BOTH SIDES OF THE TEMPORARY BARRIER.

(803) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL



FRONT ELEVATION VIEW



BACK ELEVATION VIEW

PORTABLE CONCRETE BARRIER GAP THRIE BEAM COVER

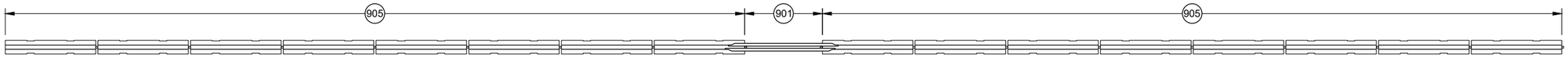
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

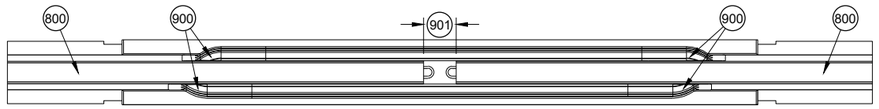
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SDD 14B07 - 16h

SDD 14B07-i Concrete Barrier Temporary Precast, 12' - 6"



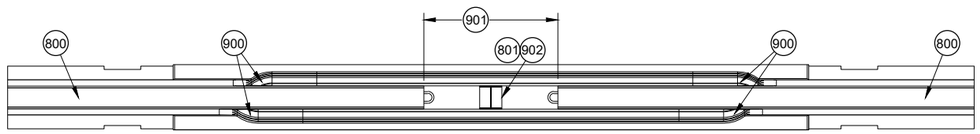
PLAN VIEW
GAP WITHIN SPACING



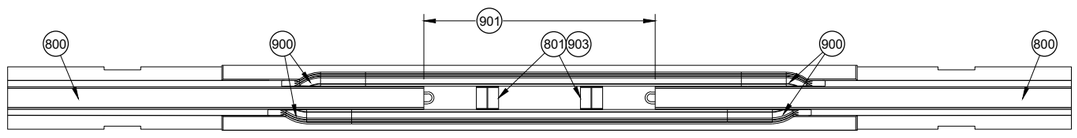
PLAN VIEW
TEMPORARY BARRIER GAP OVER 4" TO 1' MAX. (904)

GENERAL NOTES

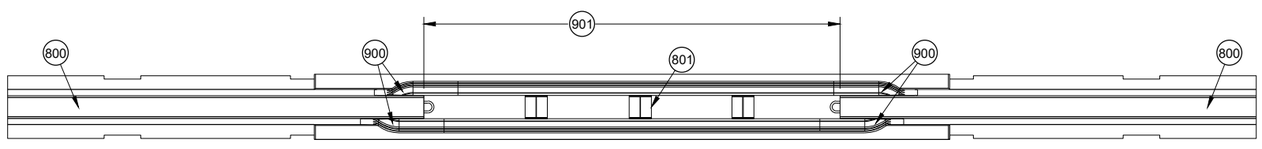
(900) SEE OTHER DETAILS FOR TEMPORARY GAP HARDWARE (TYP.)
(901) TEMPORARY BARRIER GAP
(902) GAP STIFFENER ASSEMBLY CENTERED IN THE GAP.
(903) GAP STIFFENER ASSEMBLY IS OFFSET 18 ¾" FROM CENTER
(904) MINIMUM NUMBER OF GAP STIFFENERS SHOWN FOR THE GAP RANGE SHOWN.
(905) MINIMUM OF 8 CONTINUOUS FREE STANDING TEMPORARY BARRIERS



PLAN VIEW
TEMPORARY BARRIER GAP OVER 1' TO 4' MAX. (904)



PLAN VIEW
TEMPORARY BARRIER GAP OVER 4' TO 7' MAX. (904)



PLAN VIEW
TEMPORARY BARRIER GAP OVER 7' TO 12.5' MAX. (904)

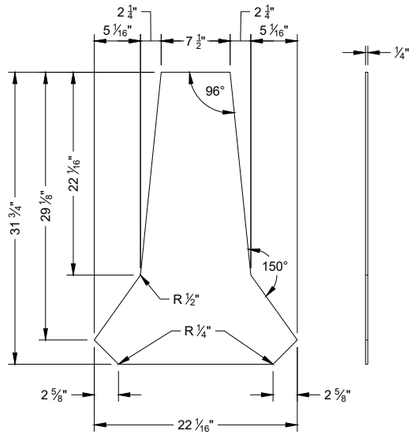
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

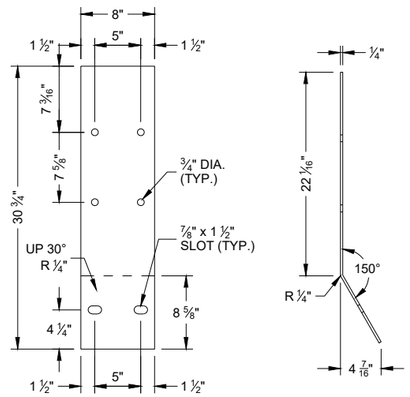
SDD 14B07 - 16i

SDD 14B07-j Concrete Barrier Temporary Precast, 12' - 6"



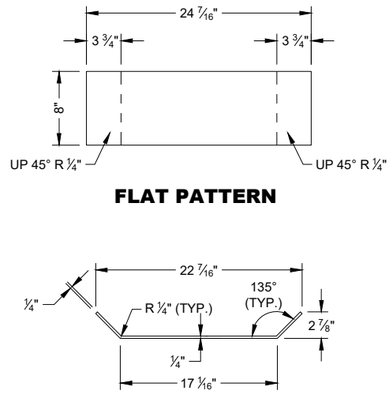
PROFILE VIEW SIDE VIEW

STIFFENER ASSEMBLY CENTER PANEL U1



FLAT PATTERN SIDE VIEW

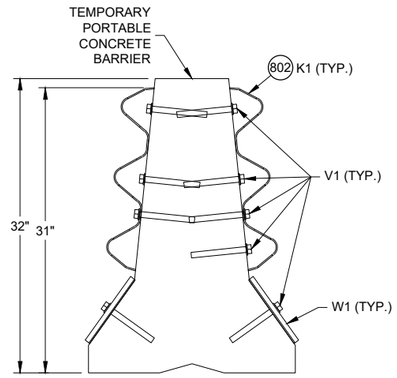
STIFFENER ASSEMBLY SIDE PANEL U2



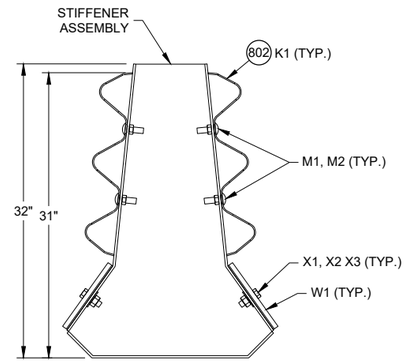
FLAT PATTERN

PROFILE VIEW

STIFFENER ASSEMBLY BOTTOM PANEL U3

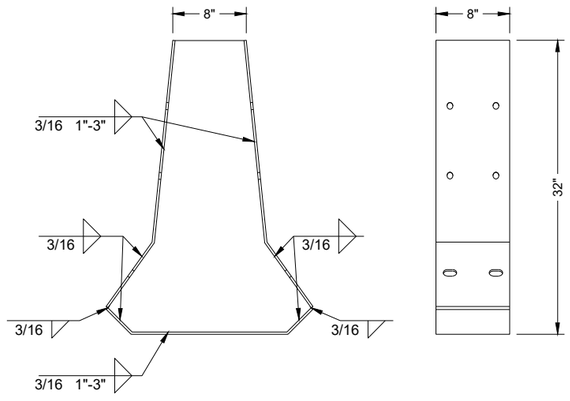


SECTION A - A



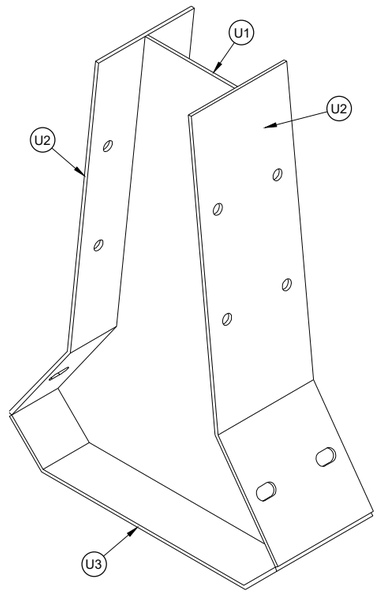
SECTION B - B

PLAN VIEW



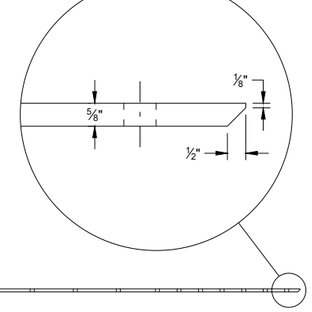
PROFILE VIEW

SIDE VIEW

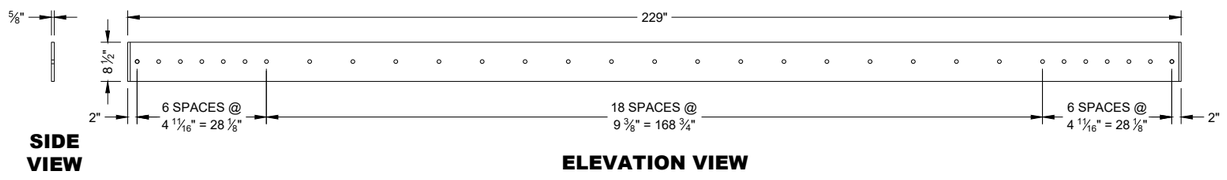


ISOMETRIC

GAP STIFFENER ASSEMBLY



PLAN VIEW



SIDE VIEW

ELEVATION VIEW

W1 TOE PLATE

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

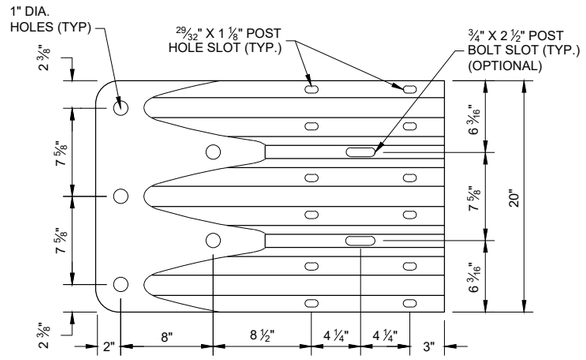
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SDD 14B07 - 16j

6

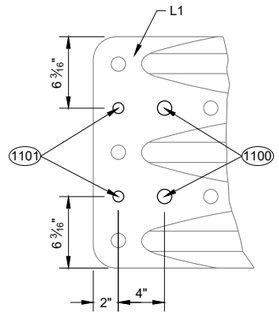
SDD 14B07 - 16j

SDD 14B07-k Concrete Barrier Temporary Precast, 12' - 6"



ELEVATION VIEW

THRIE BEAM TERMINAL CONNECTOR



ELEVATION VIEW

ADDITIONAL THRIE BEAM (1102) TERMINAL CONNECTOR HOLE DETAIL

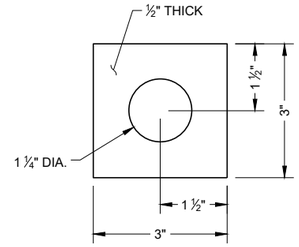


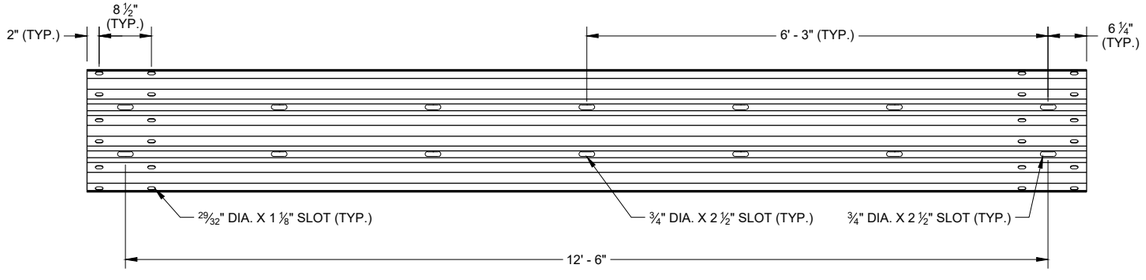
PLATE WASHER DETAIL G2, H3

GENERAL NOTES

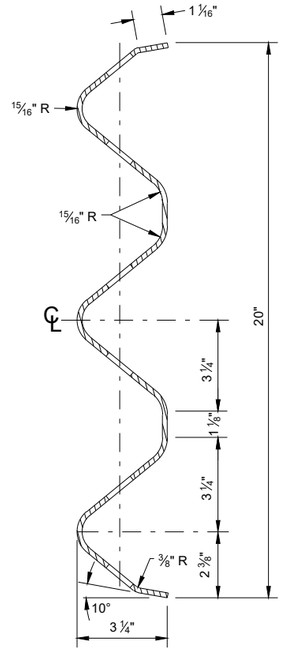
(1100) 1" DIA. HOLE

(1101) 3/4" DIA. HOLE

(1102) PROVIDE HOLES IN THRIE BEAM TERMINAL CONNECTOR TO LIMIT STEEL REINFORCEMENT OR LOOP BAR CONFLICT. CONTRACTOR MAY FIELD DRILL ADDITIONAL HOLE OR PROVIDE THRIE BEAM TERMINAL CONNECTOR WITH ADDITIONAL HOLES FROM SUPPLIER.



SLOTTED THRIE BEAM RAIL K1



SECTION THROUGH BEAM K1

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

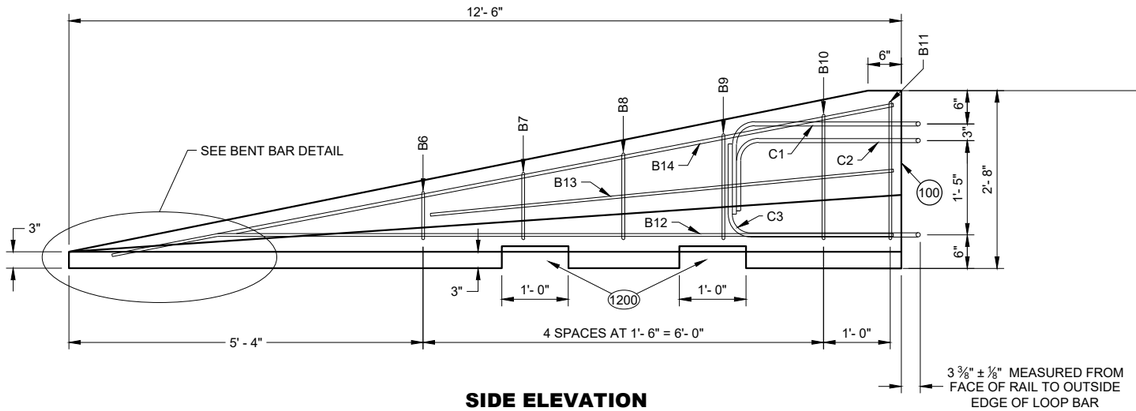
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SDD 14B07 - 16k

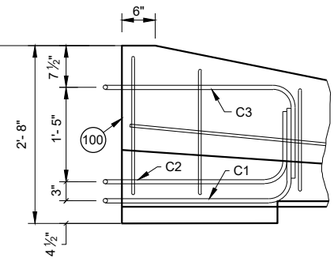
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SDD 14B07 - 16k

SDD 14B07-I Concrete Barrier Temporary Precast, 12' - 6"



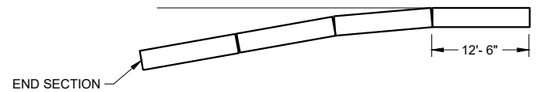
SIDE ELEVATION
(FOR CONNECTION TO LEFT END OF BARRIER)



SIDE ELEVATION
LOOP BAR ASSEMBLY INVERTED FOR OPPOSITE END
(FOR CONNECTION TO RIGHT END OF BARRIER)

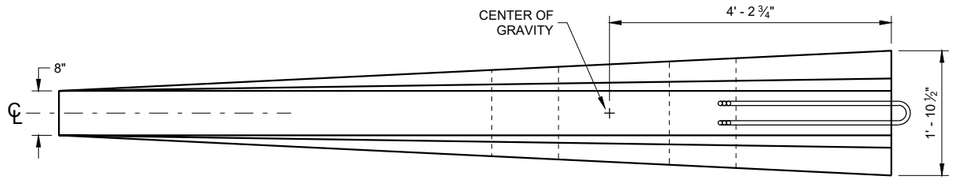
GENERAL NOTES

(1200) SEE LIFTING SLOT DETAIL. LOCATION OF LIFTING SLOTS DETERMINED BY CONTRACTOR.

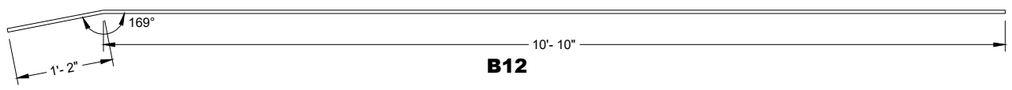


FLARE AT BARRIER END

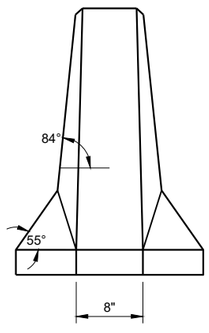
POSTED SPEED, (MPH)	FLARE RATE
40 OR LESS	6:1
45 OR GREATER	8:1



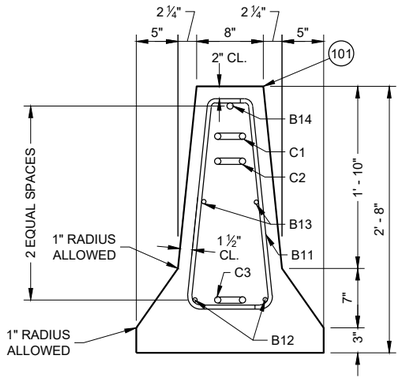
PLAN VIEW



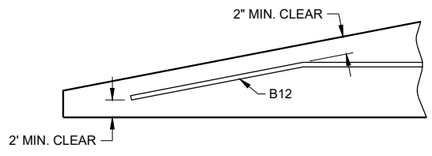
B12



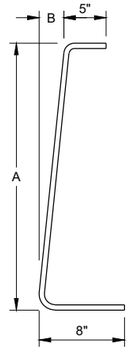
FRONT ELEVATION



END SECTION



BENT BAR DETAIL



BAR	A	B
B6	10"	1"
B7	1'- 1"	1 ¼"
B8	1'- 5"	1 ⅝"
B9	1'- 8"	1 ⅞"
B10	2'- 0 ½"	2 ⅜"
B11	2'- 3"	2 ¾"

B BARS

2 OF EACH SIZE REQUIRED FOR STIRRUP ASSEMBLY

DETAILS OF BARRIER TAPER SECTION

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B07 - 16I

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SDD 14B07 - 16I

SDD 14B07-m Concrete Barrier Temporary Precast, 12' - 6" - Part List 1

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	PRECAST TEMPORARY BARRIER - CONCRETE	MIN. = f'c 5000 PSI	
B1	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B2	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-2"
B3	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B4	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 6'-0"
B5	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#6 REBAR, LENGTH 2'-11"
B6	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 1'-11"
B7	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-2"
B8	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-6"
B9	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-9"
B10	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-2"
B11	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-4"
B12	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-0"
B13	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 7'-9"
B14	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 11'-9"
C1	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C2	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C3	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
D1	CONNECTION PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ¼" DIA.
D2	CONNECTION PIN - TOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G1	BOLT THROUGH ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A OR SAE J429 GRADE 2 UNC	1 ⅛" DIA.
G2	BOLT THROUGH ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G3	BOLT THROUGH ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
H1	ADHESIVE ANCHOR - ADHESIVE	ICC-ES-AC308 5 ¼" EMBEDMENT WITH A MIN. STRENGTH OF 1,800 PSI. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
H2	ADHESIVE ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A / SAE J429 GRADE 2 UNC	1 ⅛" DIA.
H3	ADHESIVE ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
H4	ADHESIVE ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
J1	ASPHALT ANCHOR PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ½" DIA.
J2	ASPHALT ANCHOR PIN - STOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
K1	THRIE BEAM RAIL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE
L1	THRIE BEAM RAIL - TERMINAL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
M1	SPLICE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	⅝" DIA.
M2	SPLICE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
N1	THRIE BEAM RAIL TERMINAL - MECHANICAL ANCHOR	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA. LENGTH 6"
N2	THRIE BEAM RAIL TERMINAL - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
N3	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 17.9 KIPS AND ULTIMATE SHEAR LOAD 21.96 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
P1	THRIE BEAM RAIL CONNECTION 1-BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA.
P2	THRIE BEAM RAIL CONNECTION 1-WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
P3	THRIE BEAM RAIL CONNETION 1- MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 9.48 KIPS AND ULTIMATE SHEAR LOAD 10.48 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
Q1	BLOCK WOOD	SEE STANDARD SPEC. 614	
R1	CAP - BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	⅝" DIA.
R2	CAP- BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
R3	CAP - BOLT - MECHANICAL ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 12.14 KIPS AND ULTIMATE SHEAR LOAD 17.5 KIPS.SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	12 GAUGE
S1	CAP 42-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S2	CAP 42-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S3	CAP 42-INCH SIDE PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S4	CAP 42-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S5	CAP 42-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S6	CAP 42-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S7	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD14B07 - 16m

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SDD14B07 - 16m

SDD 14B07-n Concrete Barrier Temporary Precast, 12' - 6" - Part List 2

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
T1	CAP 56-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T2	CAP 56-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T3	CAP 56-INCH SIDE PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T4	CAP 56-INCH SIDE PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T5	CAP 56-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T6	CAP 56-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T7	CAP 56-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T8	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T9	CAP 42-INCH GUSSET 5	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T10	CAP 42-INCH GUSSET 6	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T11	CAP 42-INCH GUSSET 7	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T12	CAP 42-INCH GUSSET 8	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T13	CAP 42-INCH GUSSET 9	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T14	CAP 42-INCH GUSSET 10	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T15	CAP 42-INCH GUSSET 11	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T16	CAP 42-INCH GUSSET 12	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
U1	GAP STIFFENER	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U2	GAP STIFFENER - CONNECTOR PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U3	GAP STIFFENER - CONNECTOR PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
V1	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 24.0 KIPS AND ULTIMATE SHEAR LOAD 21.5 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	¾" DIA.
V2	GAP STIFFENER - BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C O R MECHANICAL GALVANIZE TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
W1	TOE PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
X1	TOE PLATE - CONNECTION BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC HEAVY HEX HEAD OR AASTHO M180 HEAD, ASTM F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED. PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	¾" DIA.
X2	TOE PLATE - CONNECTION BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1 (HARDEN WASHER ONLY)	
X3	TOE PLATE - CONNECTION BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	

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CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

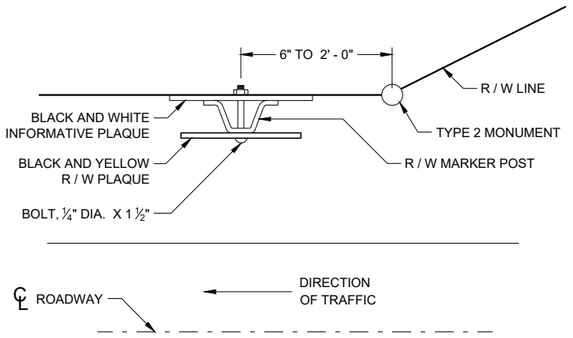
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

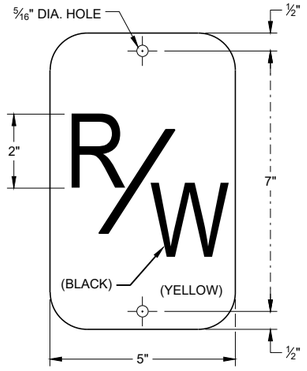
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

SDD 15A01-a Marker Post for Right-of-Way



PLAN VIEW
STEEL MARKER POST



R / W PLAQUE

THE RIGHT-OF-WAY PLAQUE AND INFORMATIVE PLAQUE WILL BE FURNISHED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION.



INFORMATIVE PLAQUE

GENERAL NOTES

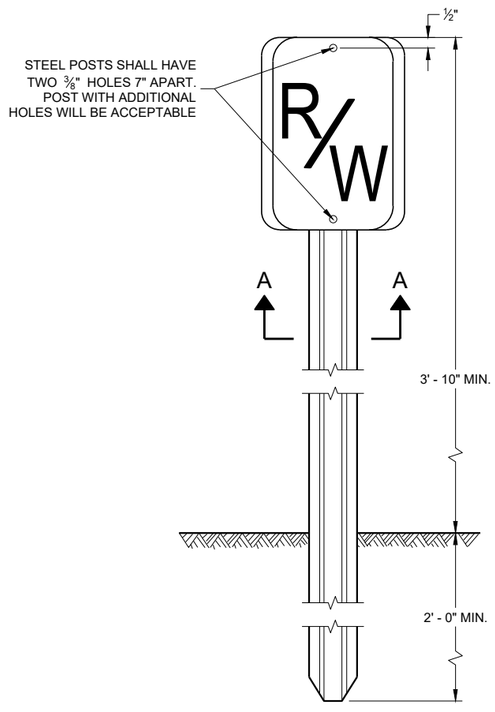
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

A STEEL MARKER POST FOR RIGHT -OF-WAY SHALL BE PLACED IN THE RIGHT-OF-WAY WITH THE BACK OF THE POST ON THE LONGER RIGHT-OF-WAY TANGENT, 6 INCHES TO 24 INCHES FROM EACH TYPE 2 MONUMENT TO SERVE AS A GUARD POST, AND AT OTHER LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

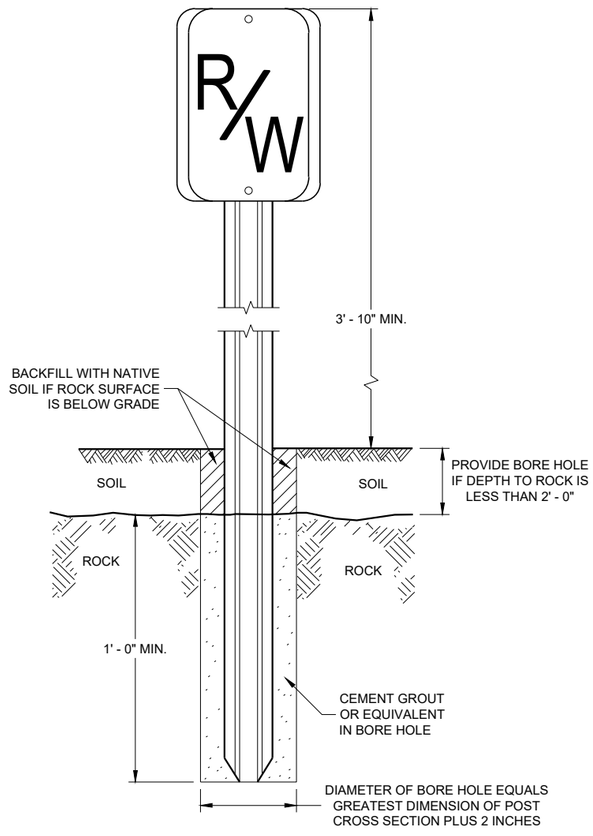
THE "R/W" PLAQUE SHALL FACE THE ROADWAY AND THE INFROMATIVE PLAQUE SHALL FACE AWAY FROM THE ROADWAY. "R/W" AND INFORMATIVE PLAQUES WILL BE FURNISHED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

STEEL MARKER POSTS SHALL MEET THE MINIMUM MATERIAL REQUIREMENTS FOR STEEL DELINEATOR POSTS; EXCEPT POSTS PAINTED WITH FEDERAL YELLOW ENAMEL NEED NOT BE ZINC COATED.

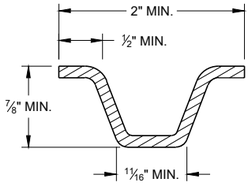
(1) IN AREAS OF SOLID ROCK, DRILL A BORE HOLE 2" GREATER THAN THE WIDEST DIMENSION OF THE POST CROSS SECTION INTO THE ROCK A MINIMUM DEPTH OF 12 INCHES. CUT OR SPLICE THE POST SO THAT A MINIMUM LENGTH OF 3' - 10" PROTRUDES ABOVE THE GROUND. BLOW OUT THE BORE HOLE IN THE ROCK USING COMPRESSED AIR. FILL THE BORE HOLE WITH CEMENT GROUT OR EQUIVALENT, DEPENDING ON THE STABILITY OF THE ROCK.



FRONT VIEW
STEEL MARKER POST

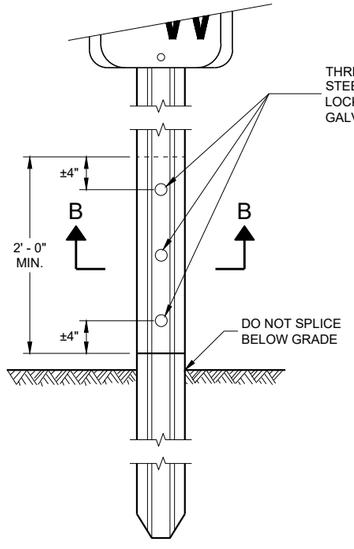


FRONT VIEW
ROCK INSTALLATION (1)

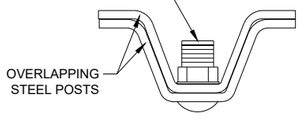


MIN. WEIGHT 1.12 LB./FT.

SECTION A - A



FRONT VIEW
SPLICE DETAIL



SECTION B - B

MARKER POST FOR RIGHT - OF - WAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/18/2016 — DATE
/S/ Ray Kumapayi — CHIEF SURVEYING AND MAPPING ENGINEER

FHWA

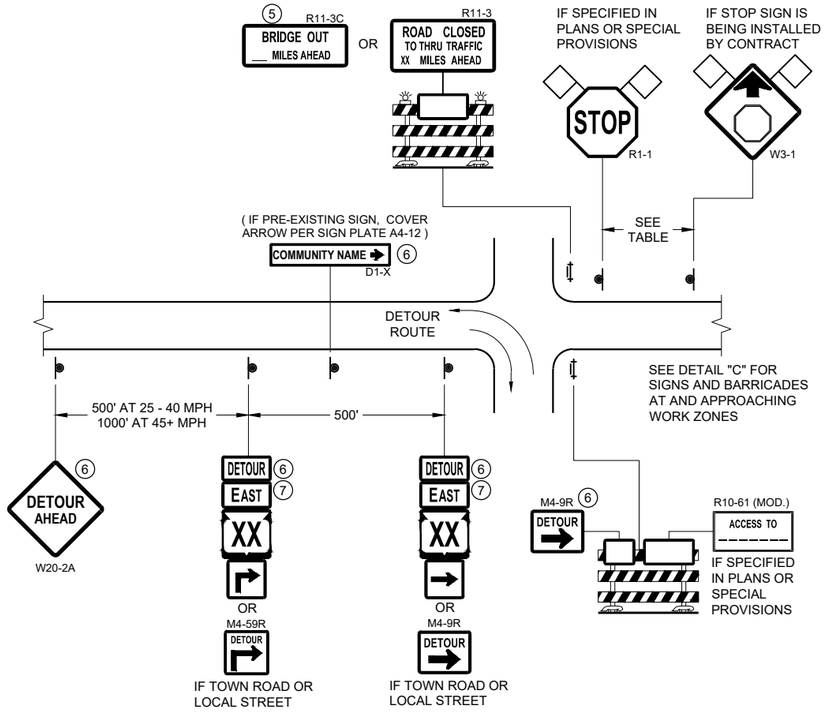
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SDD 15A01 - 13a

6

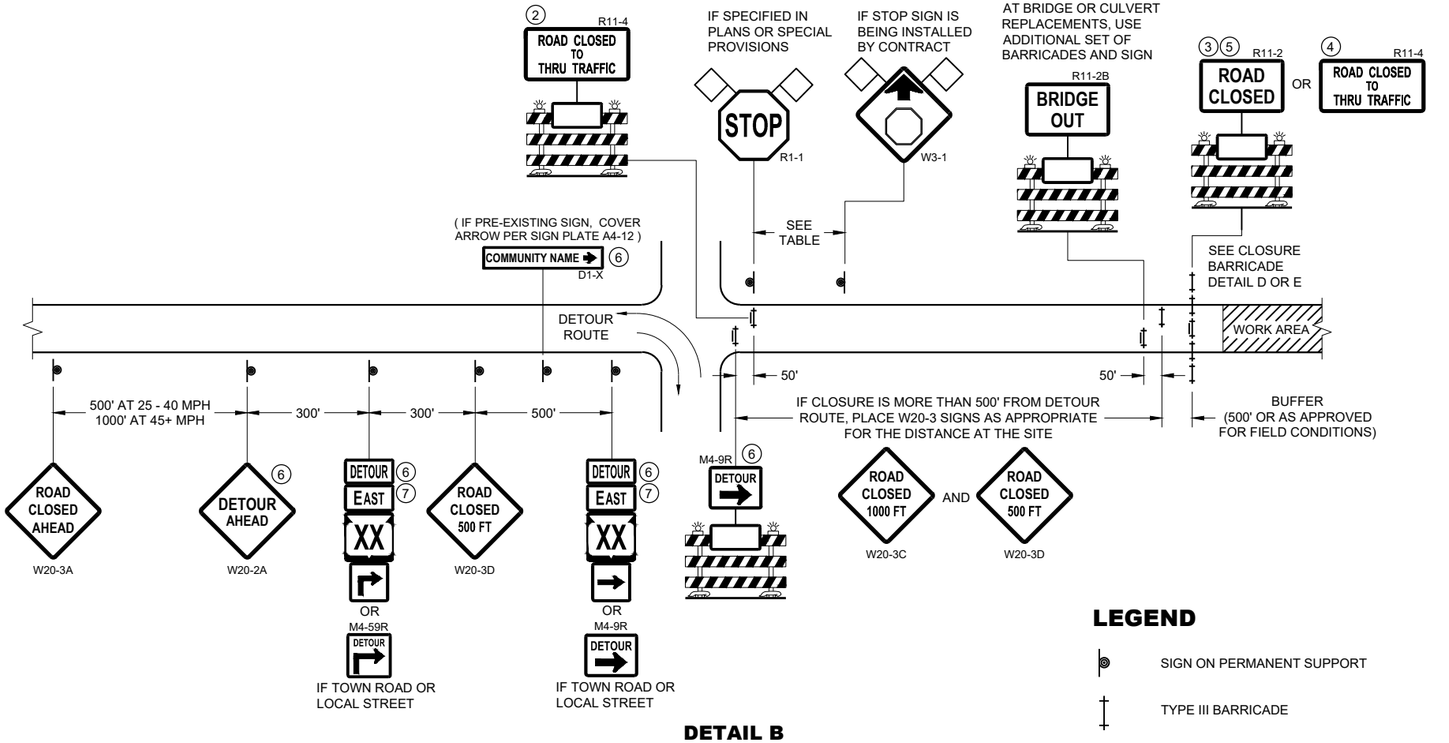
SDD15A01 - 13a

SDD 15C02-a Barricades and Signs for Mainline Closures



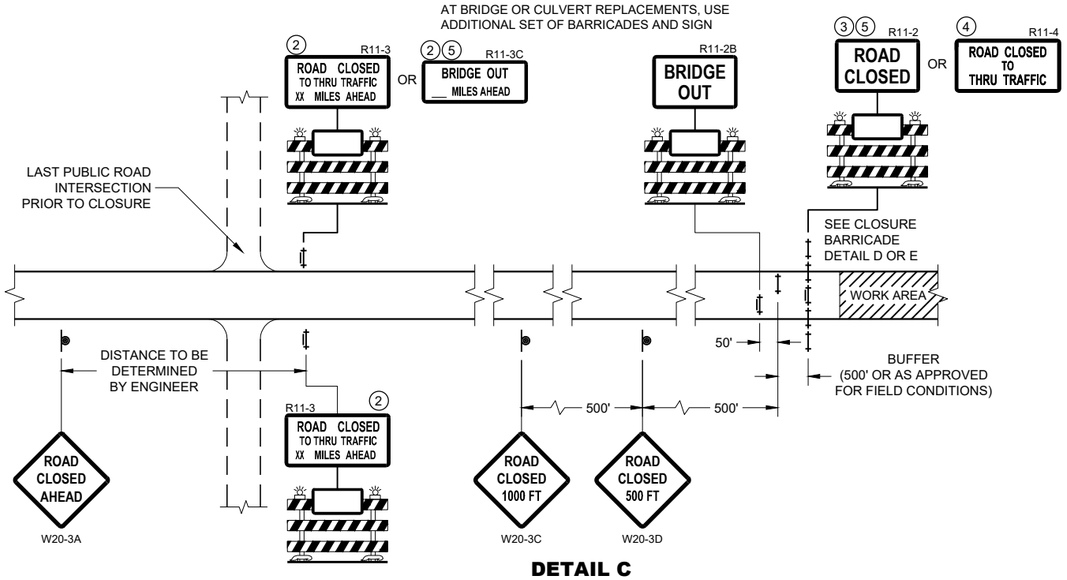
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

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

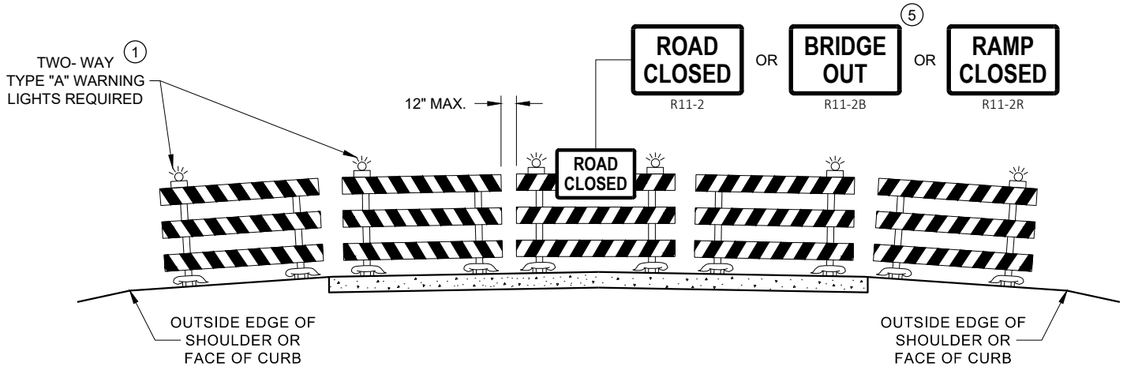
FHWA

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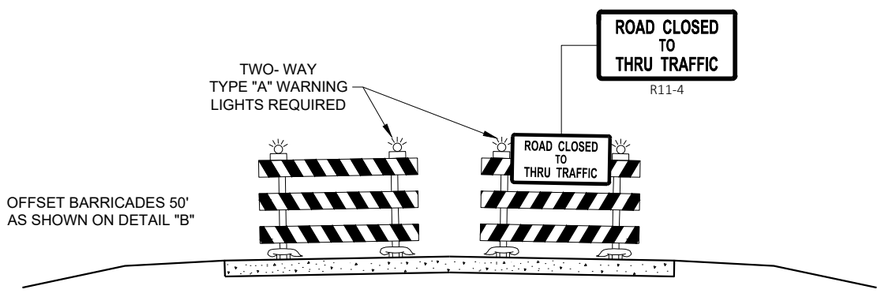
SDD 15C02 - 08a

6

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 ENGINEER

FHWA

6
SDD 15C02 - 08b

SDD 15C02-c Detour Signing for Mainline Closures

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.

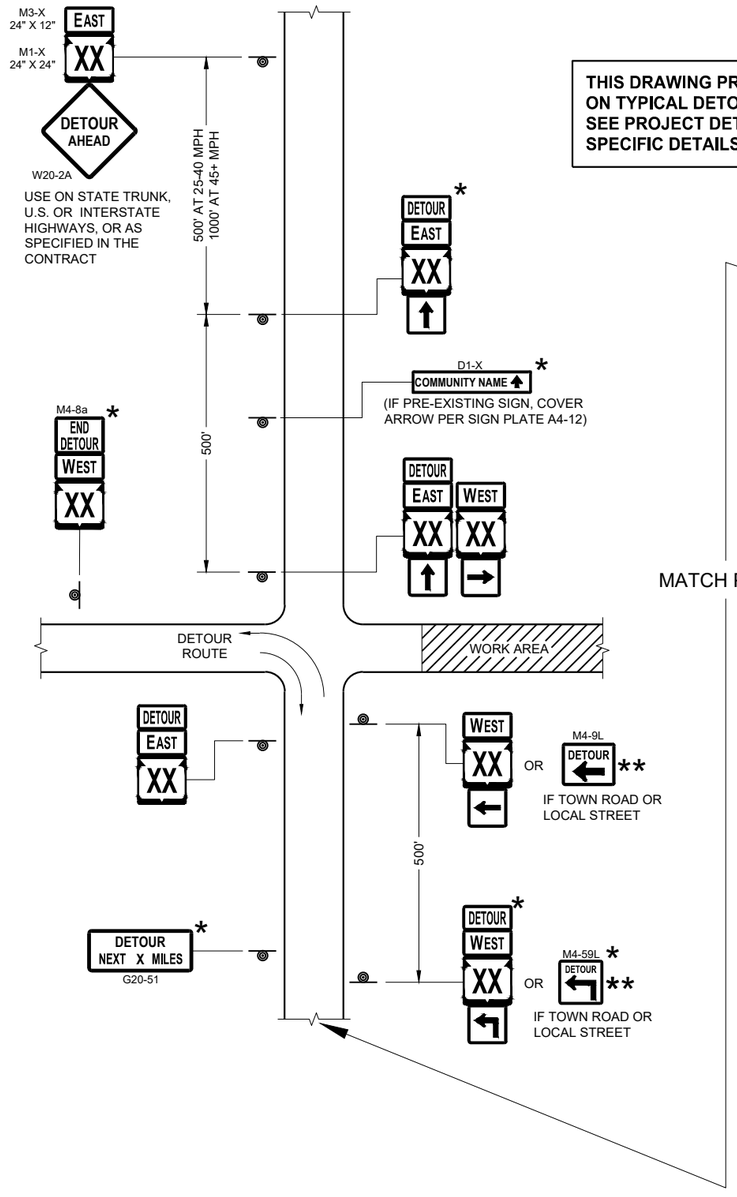
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

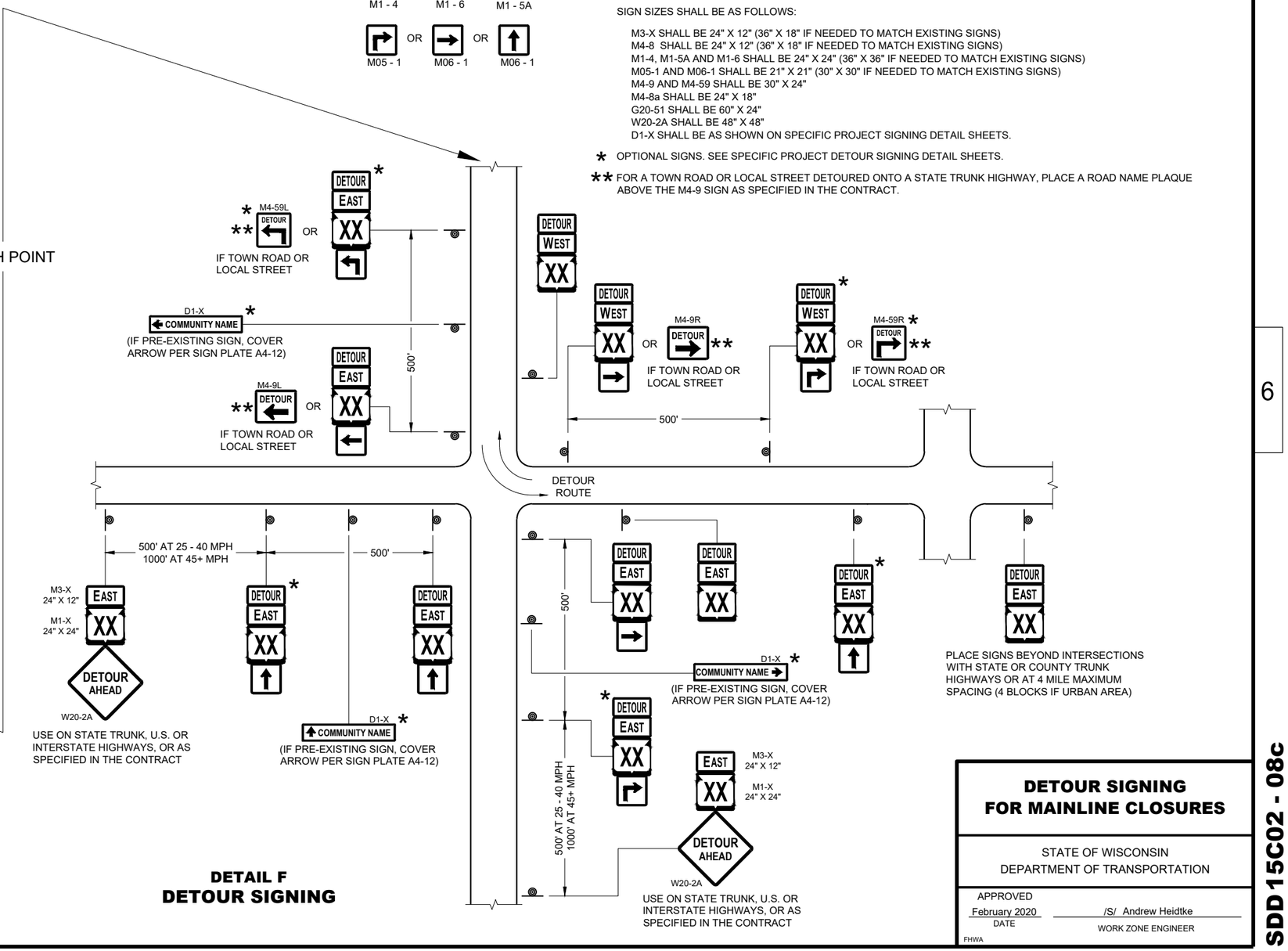
- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING 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

6

SDD 15C02 - 08c

6

SDD 15C02 - 08c

SDD 15C05 Traffic Control, Advance Warning Signs 40 MPH or Less Two Way Undivided Road Open to Traffic

GENERAL NOTES

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

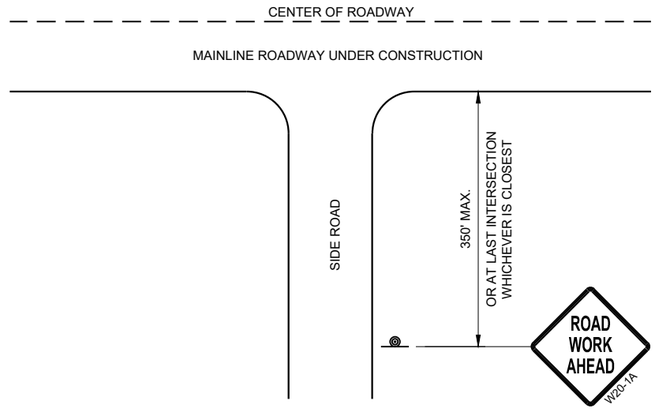
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



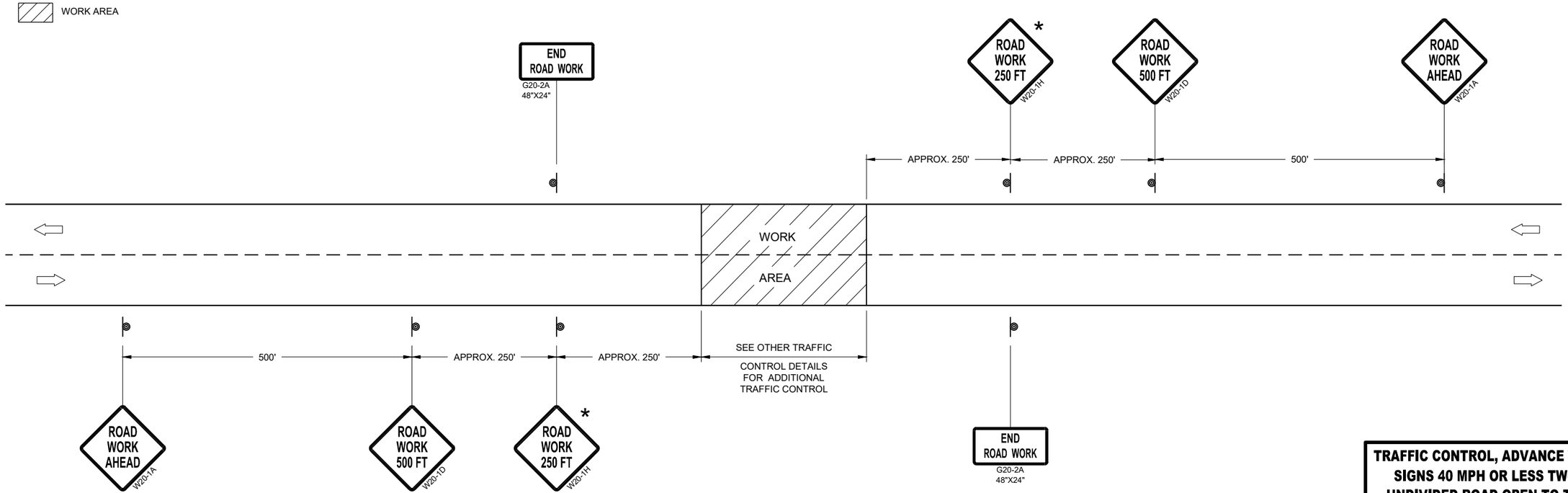
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

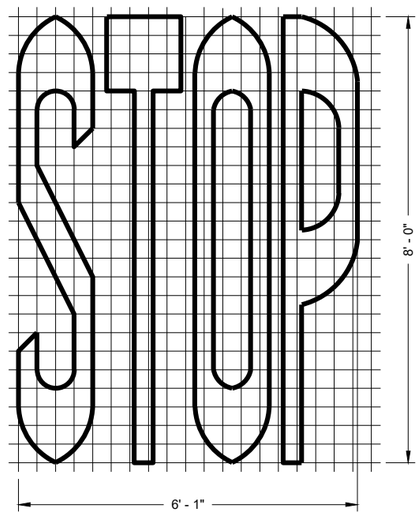
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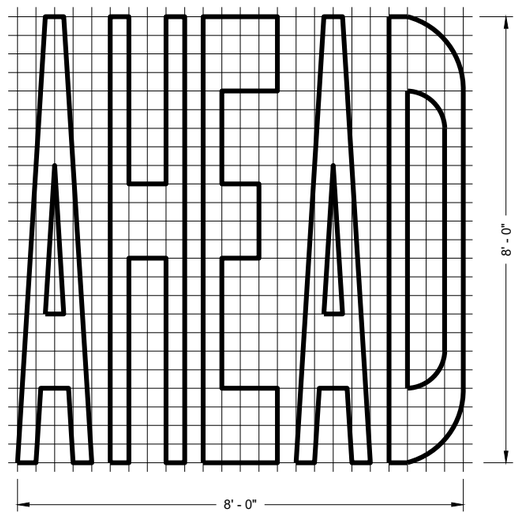
SDD 15C05 - 05

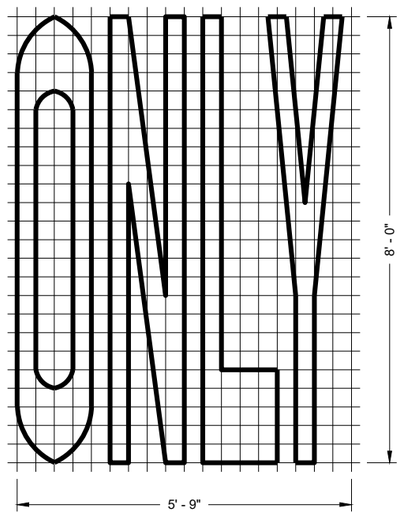
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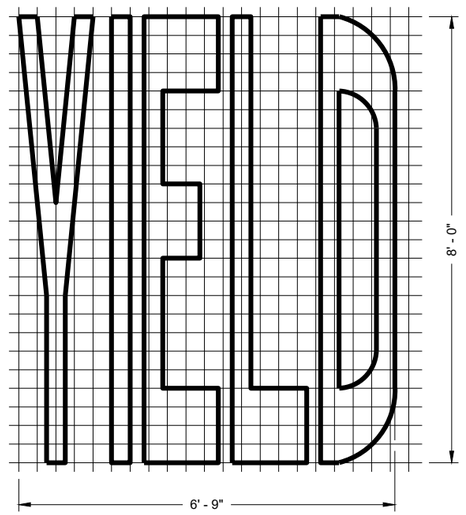
SDD 15C05 - 05

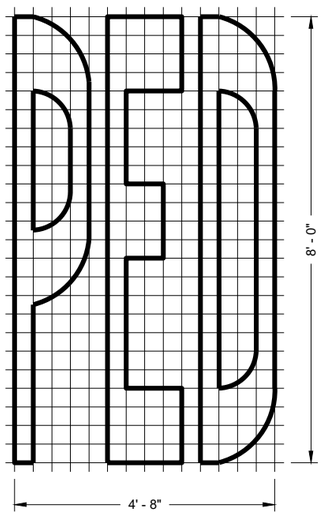
SDD 15C07-b Pavement Marking Words

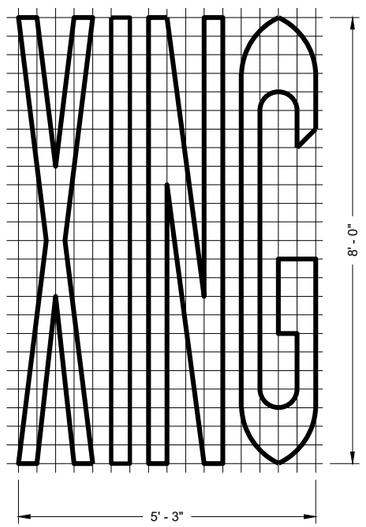


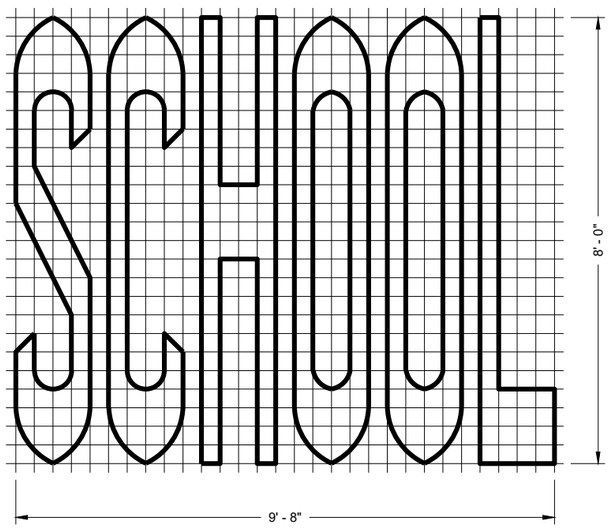




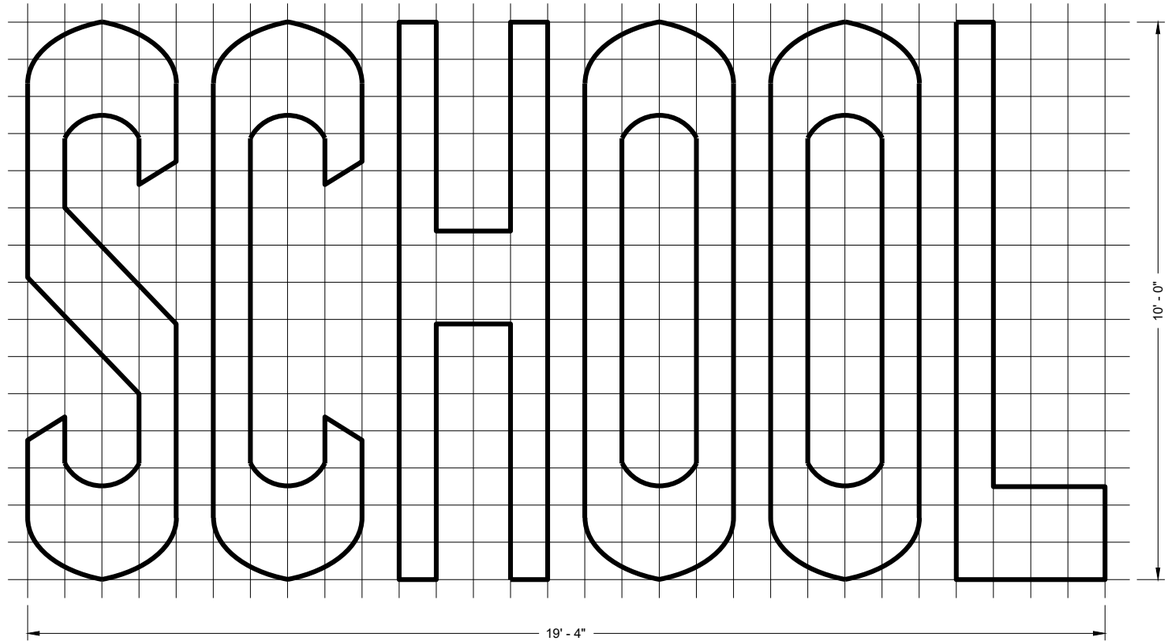








SINGLE LANE



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 MARKING ENGINEER

FHWA

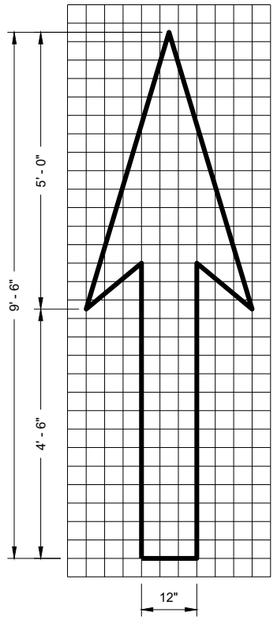
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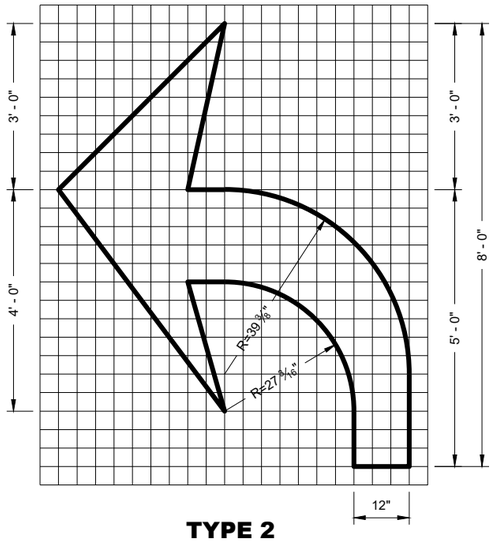
SDD 15C07 - 15b

SDD 15C07 - 15b

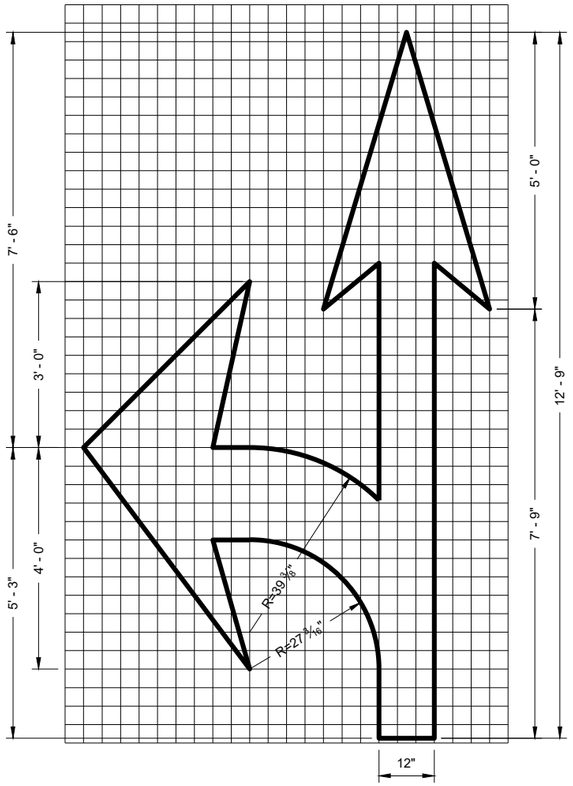
SDD 15C7-c Pavement Marking Arrows



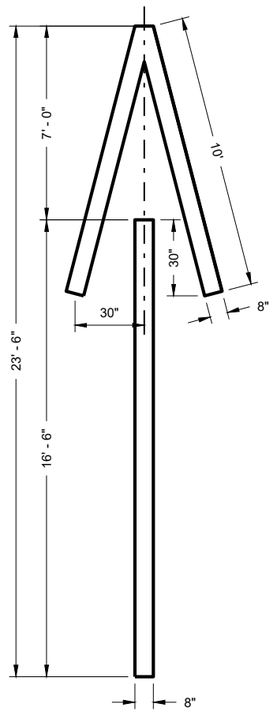
TYPE 1



TYPE 2



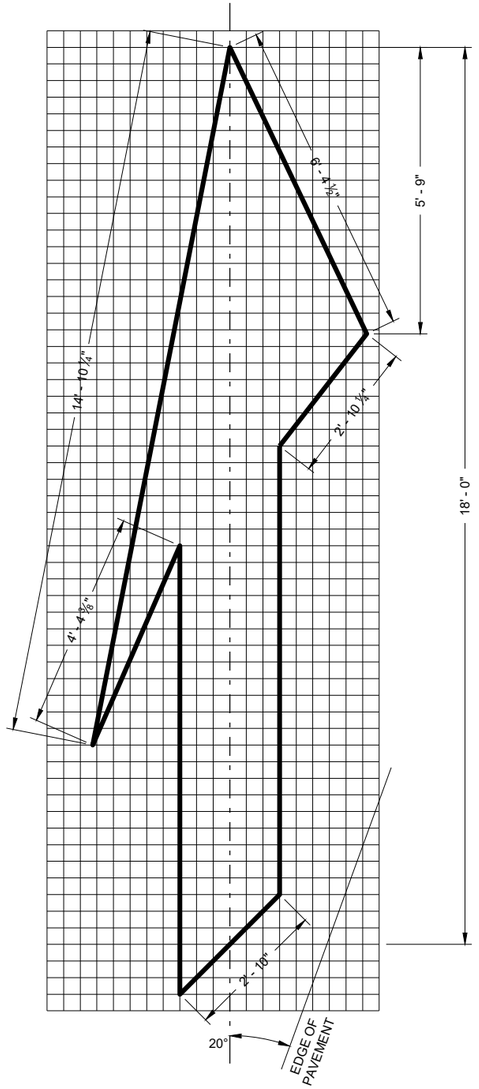
TYPE 3



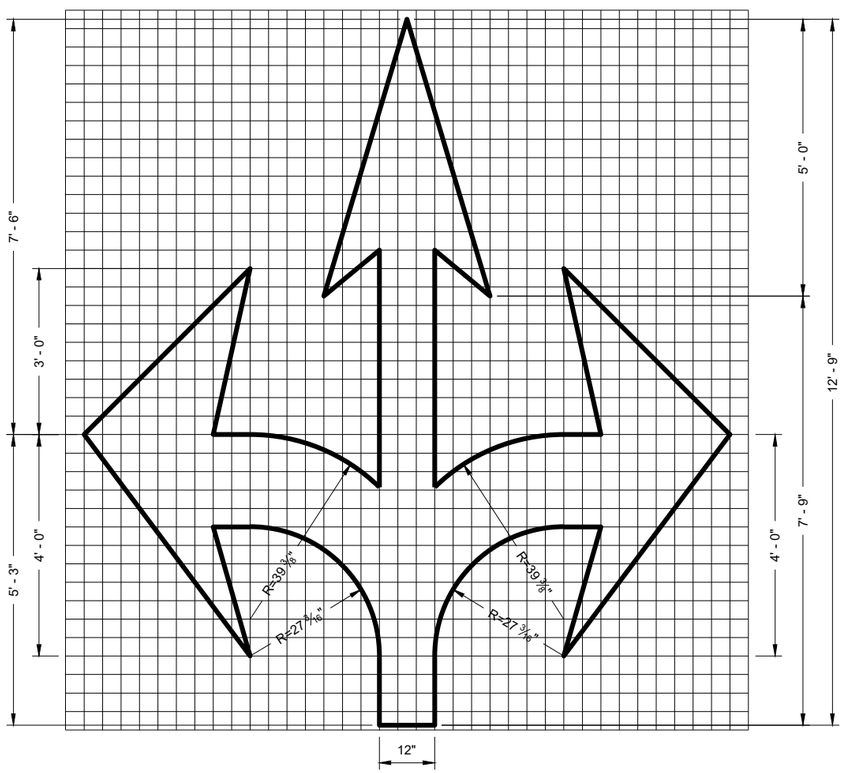
TYPE 4

GENERAL NOTES

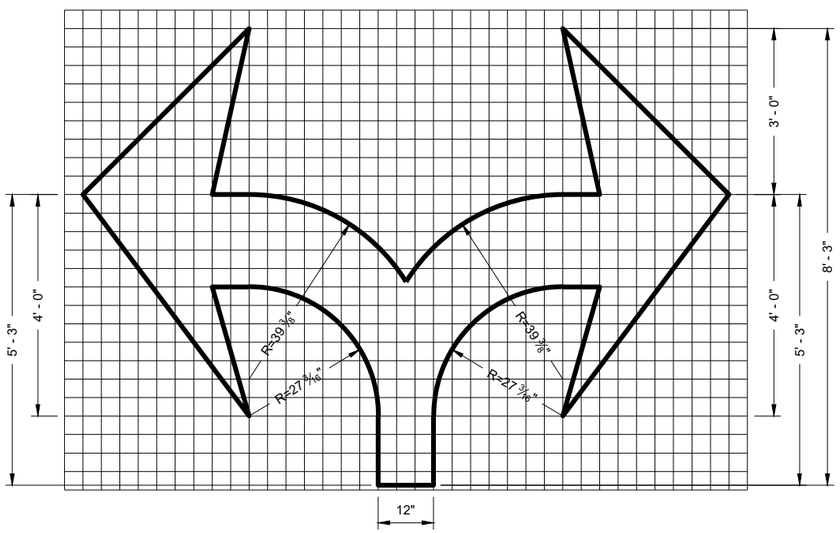
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MARKING ENGINEER

FHWA

6

SDD 15C07 - 15c

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SDD15C07 - 15c

SDD 15C08-a Permanent Longitudinal Pavement Markings

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

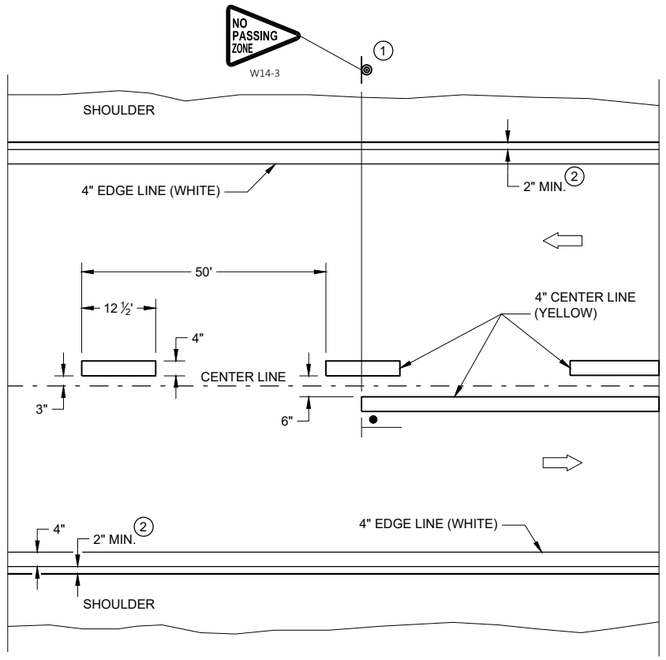
1. LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING
2. MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

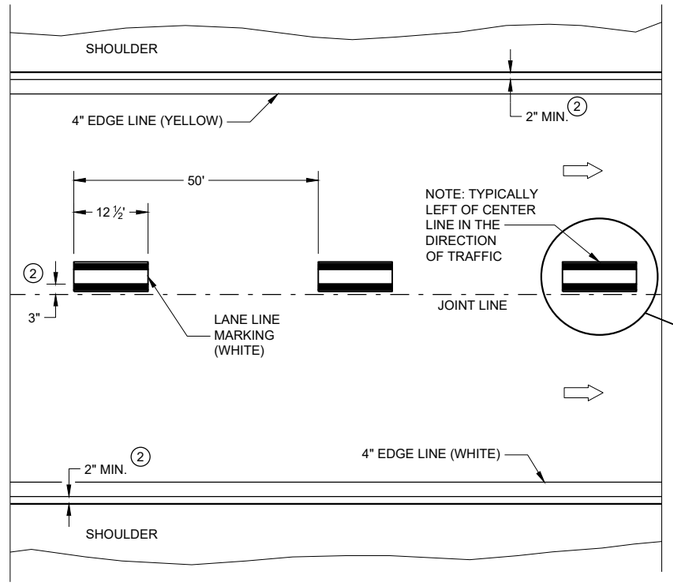
"T" MARKING

SIGN ON PERMANENT SUPPORT

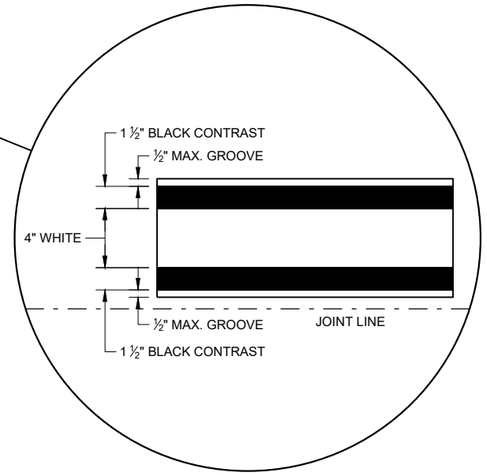
DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC



PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 08/2022 DATE	/S/ Jeannie Silver STATEWIDE SIGNING AND MARKING ENGINEER
FHWA	

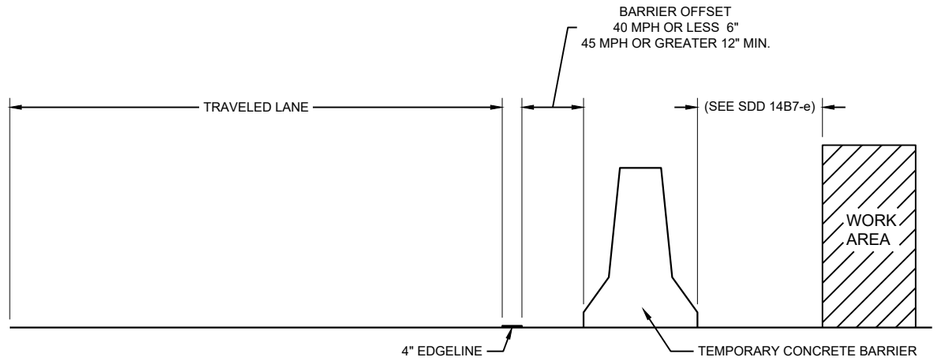
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SDD 15C08 - 22a

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SDD 15C08 - 22a

SDD 15C08-b Temporary Longitudinal Pavement Marking



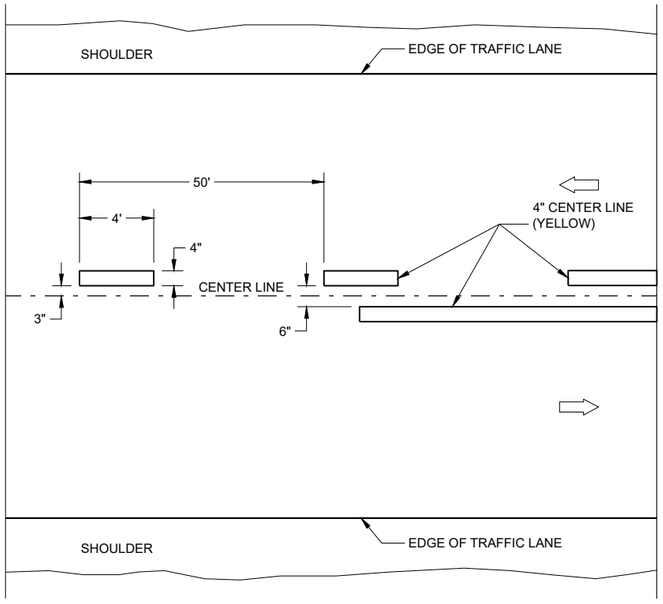
TEMPORARY BARRIER OFFSET FROM EDGELINE

GENERAL NOTES

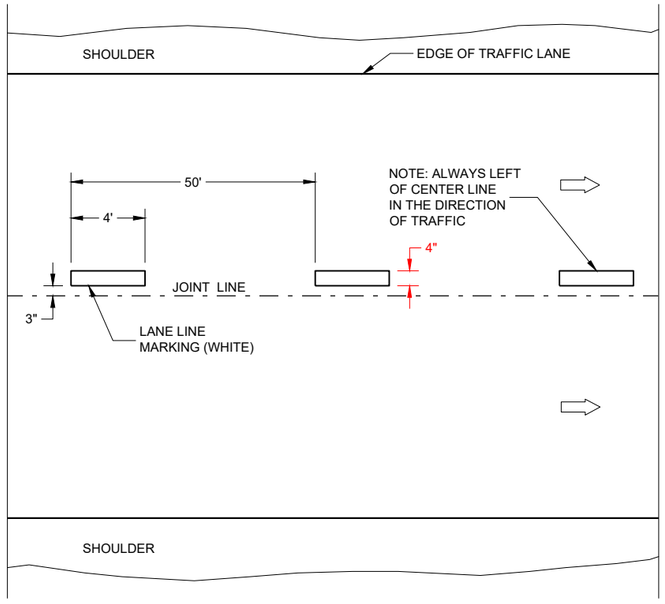
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

LEGEND

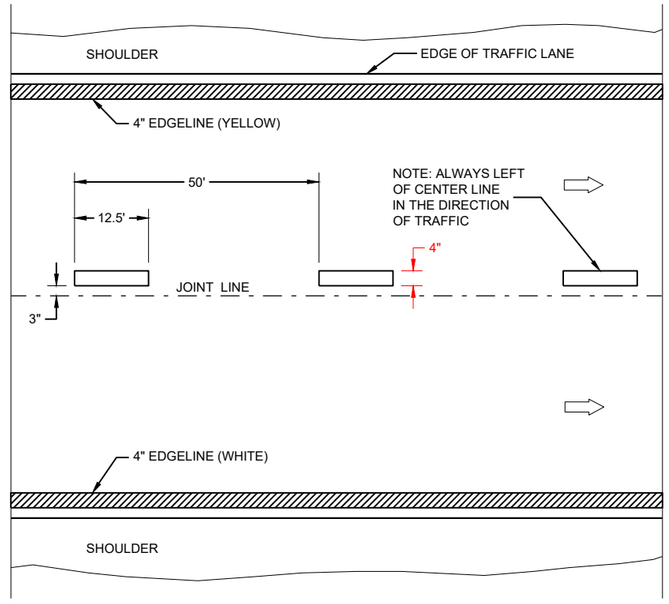
DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2022
DATE

/S/ Jeannie Silver
STATEWIDE SIGNING AND MARKING ENGINEER

FHWA

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SDD 15C08 - 22b

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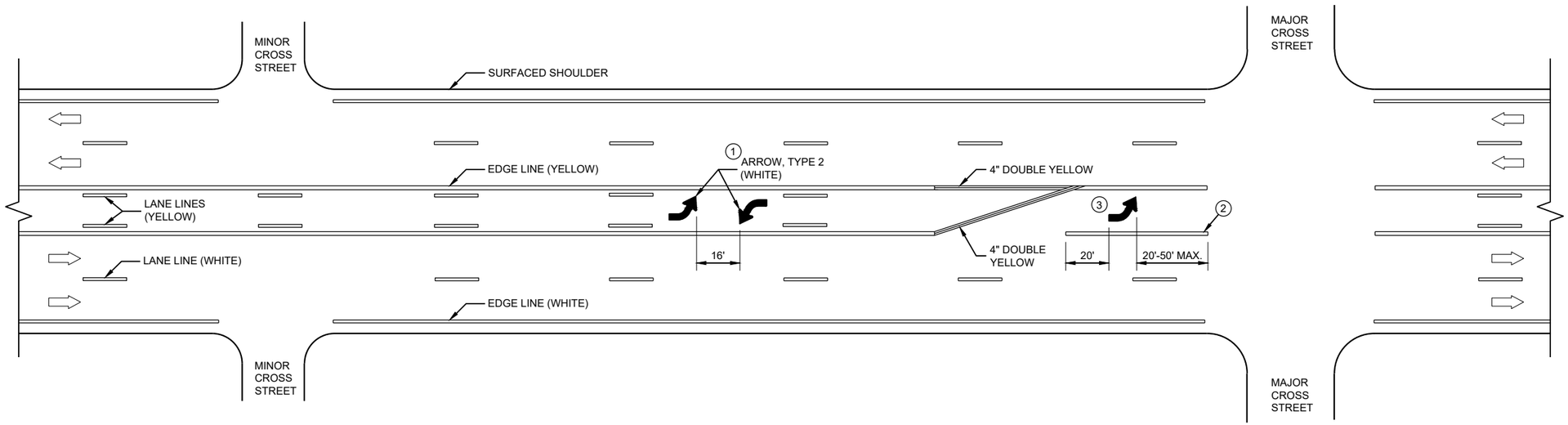
SDD 15C08 - 22b

SDD 15C08-c Pavement Marking (Turn Lanes)

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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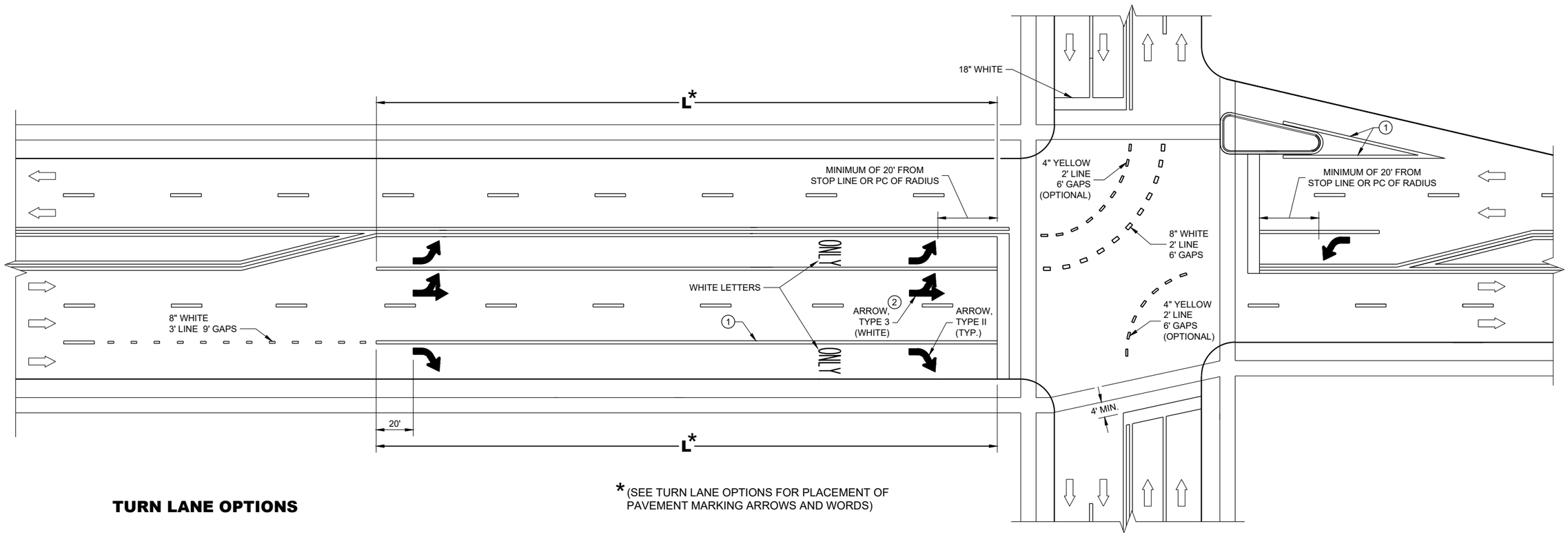
SDD 15C08 - 22c

SDD 15C08 - 22c

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

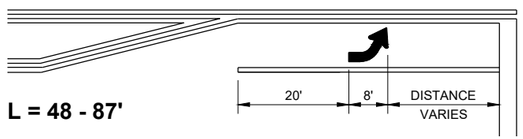
SDD 15C08-d Pavement Marking (Turn Lanes)



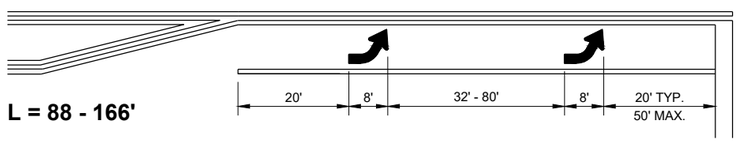
* (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

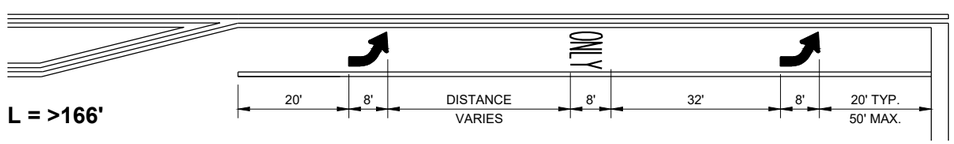
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



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

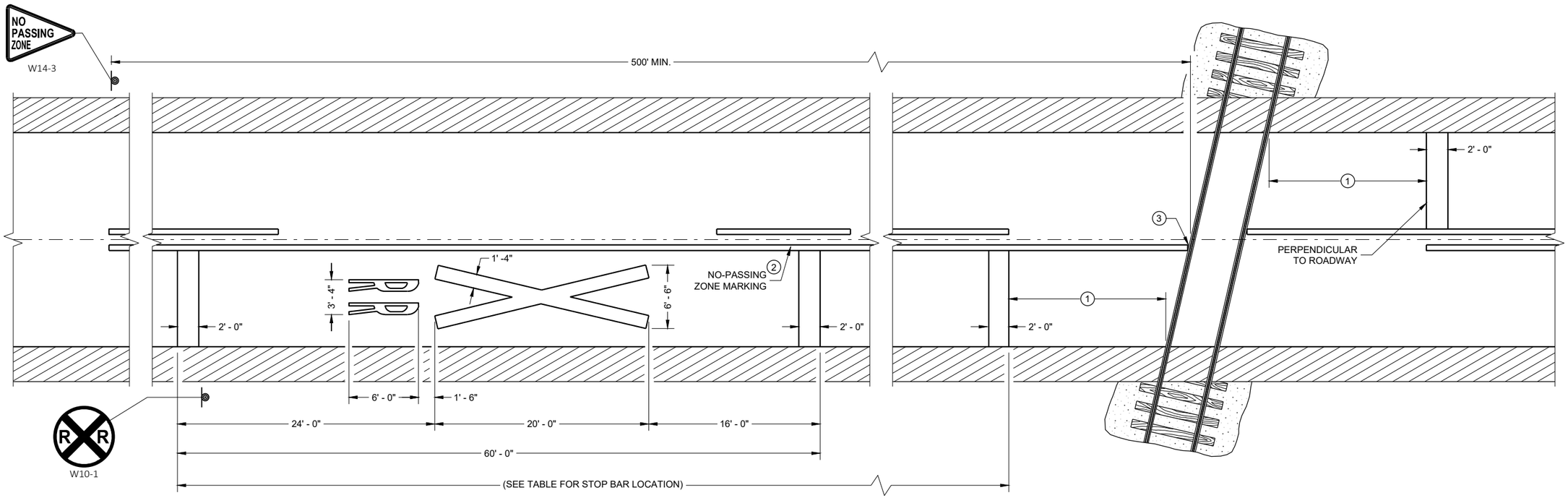
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

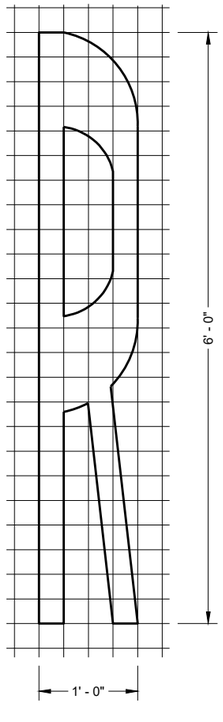
6

SDD 15C08 - 22d

SDD 15C09-a Signing and Pavement Marking Details for Railroad - Highway Grade Crossings



PAVEMENT MARKING



LEGEND

SIGN ON PERMANENT SUPPORT

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.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

TRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

(1) MINIMUM 8' FROM ANY RAILROAD WARNING DEVICES (SIGNAL , GATES, ETC.) OR 25' FROM THE NEAREST RAIL, WHICHEVER DISTANCE IS GREATER.

(2) 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.

(3) FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

DISTANCE TABLE

TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

POSTED SPEED (M.P.H.)	DIMENSION RANGE (FEET)
25	150* - 250'
30	200* - 300'
35	250* - 450'
40	300* - 500'
45	400* - 650'
50	550* - 800'
55	750* - 1000'
60	1000* - 1250'
65	1000* - 1250'

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSED PROXIMITY OF DRIVEWAYS, BRIDGES, SIDE ROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.

SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

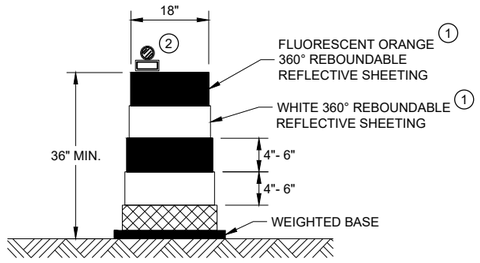
FHWA

SDD 15C11-b Channelizing Devices, Drums, Cones, Barricades and Vertical Panels

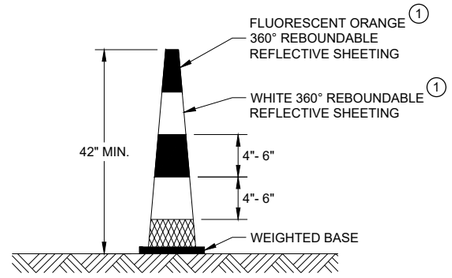
GENERAL NOTES

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.

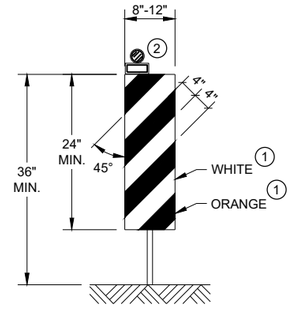


DRUM



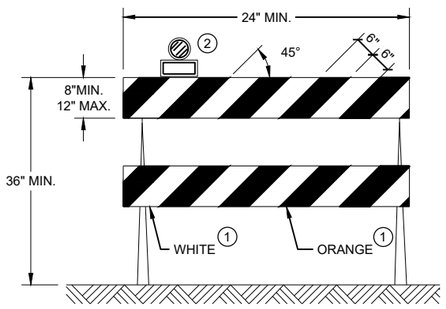
42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS



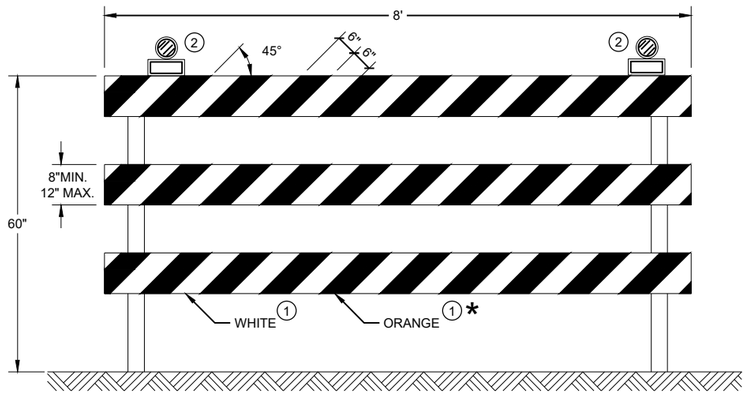
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

**CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

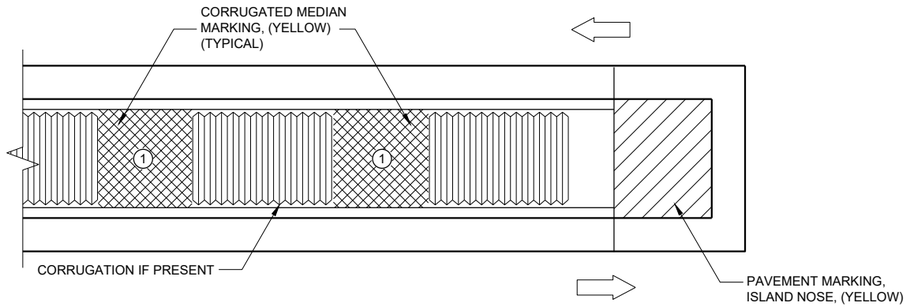
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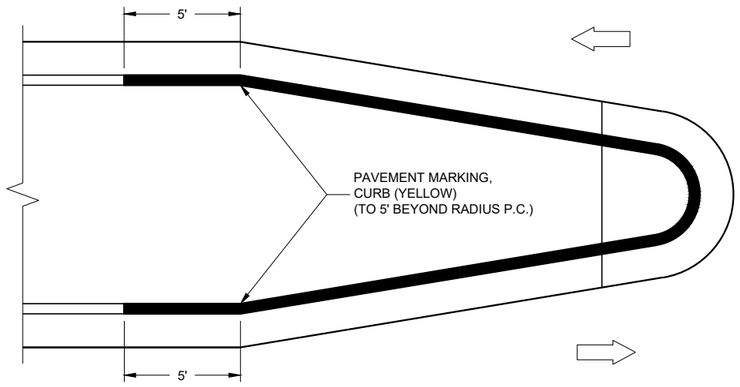
SDD 15C11 - 09b

SDD 15C11 - 09b

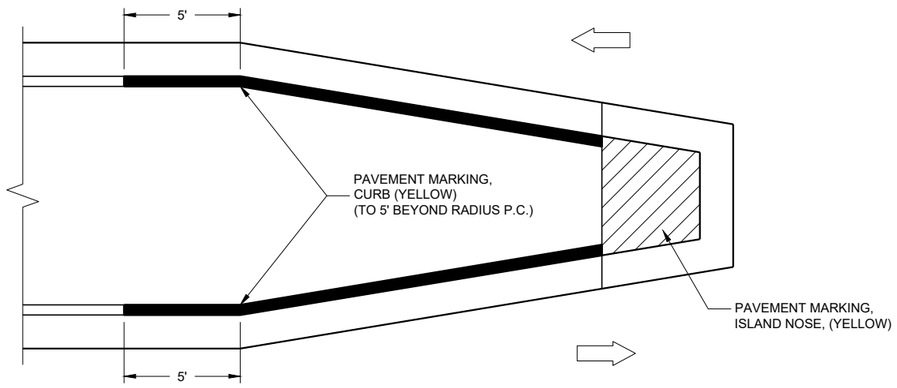
SDD 15C18-b Pavement Markings, Median Island Nose



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL

PAVEMENT MARKINGS, MEDIAN ISLAND NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

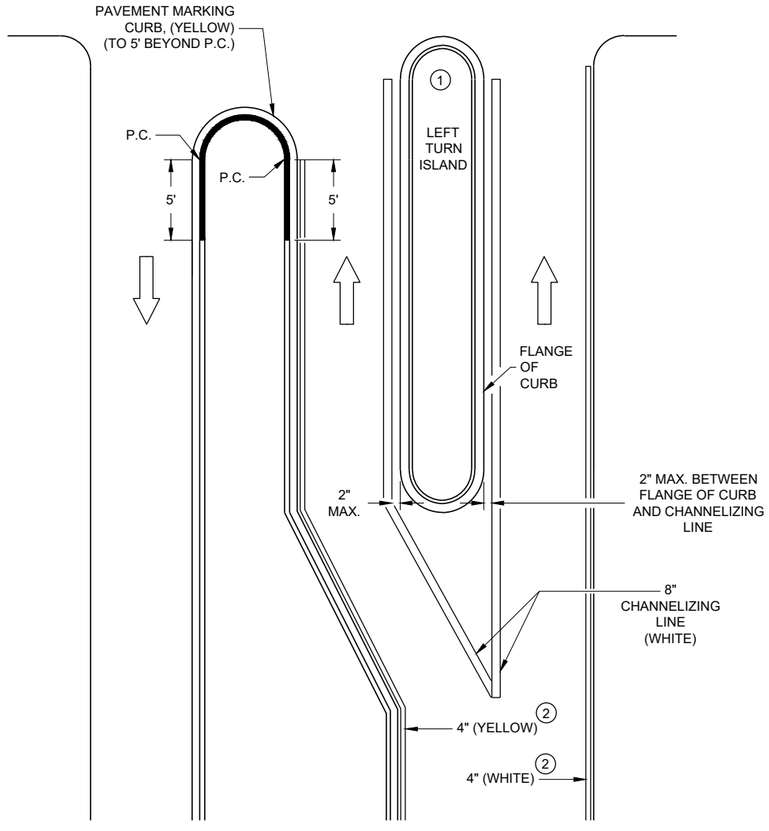
May 2022
DATE

/S/ Jeannie Silver
STATE SIGNING AND MARKING ENGINEER

FHWA

SDD 15C18-c Median Pavement Markings, Double Arrow Warning Sign Placement

REQUIREMENTS FOR EDGE LINES		
POSTED SPEED	IS THERE CONTINUOUS LIGHTING?	
	YES	NO
≤ 30 MPH	NO	OPTIONAL
35 OR 40 MPH	OPTIONAL	RECOMMENDED
≥ 45 MPH	RECOMMENDED	REQUIRED



LEFT TURN & MEDIAN ISLAND

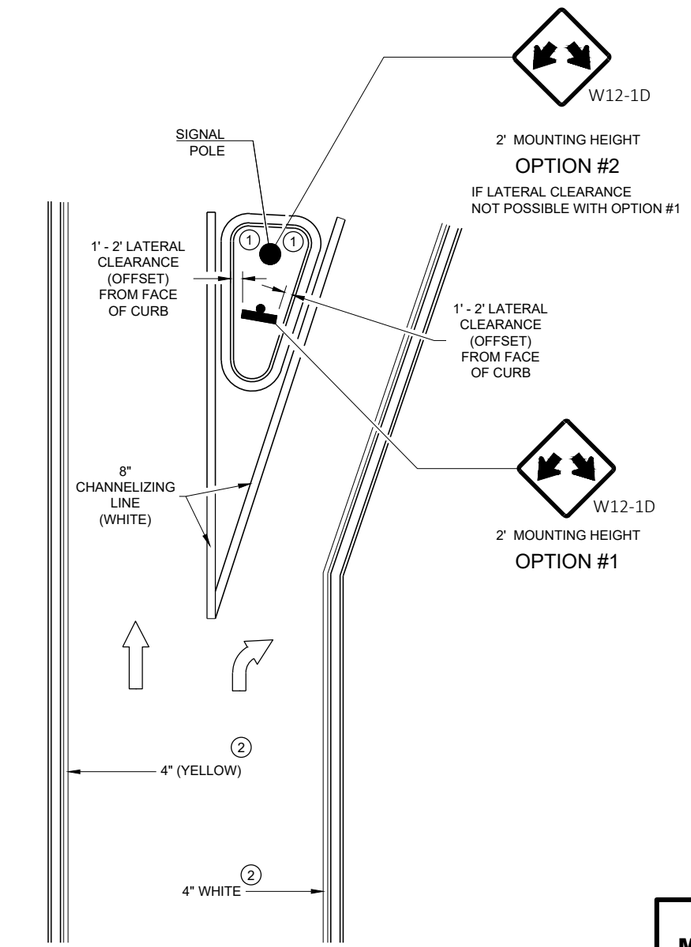
GENERAL NOTES

APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.

SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.

1. MARK CURB NOSES YELLOW.
2. MARK ACCORDING TO TABLE.

DIRECTION OF TRAVEL



RIGHT TURN ISLAND

MEDIAN PAVEMENT MARKINGS, DOUBLE ARROW WARNING SIGN PLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

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SDD 15C18 - 06c

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SDD 15C18 - 06c

SDD 15C19-b Moving Pavement Marking Operation, Multi-Lane Undivided Roadway

LEGEND

- V1 LEAD VEHICLE
- V2 MARKING VEHICLE
- V3 SHADOW VEHICLE
- TRUCK MOUNTED ATTENUATOR (TMA)
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW PANEL (MERGE)
- FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

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

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

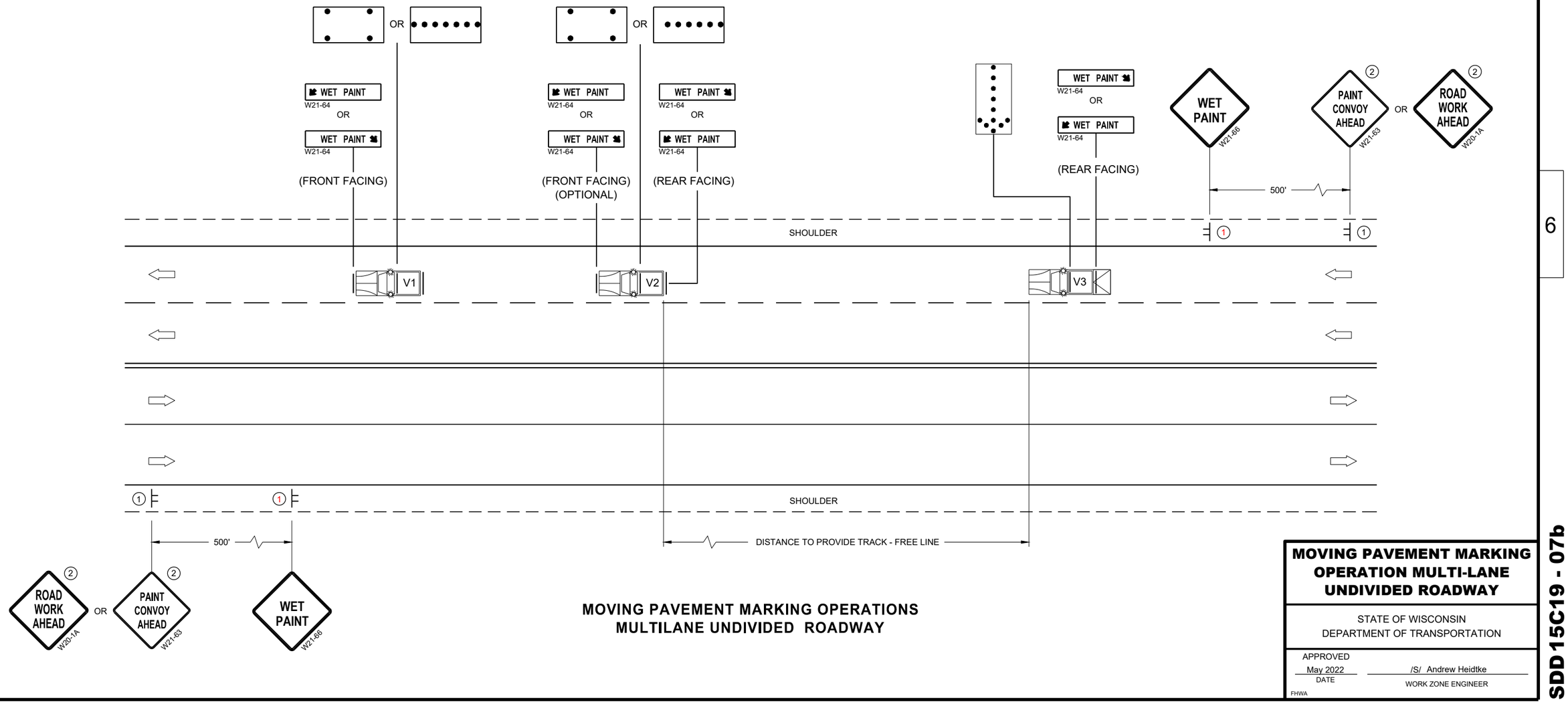
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLES AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL HAVE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS.

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS
MULTILANE UNDIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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SDD 15C19 - 07b

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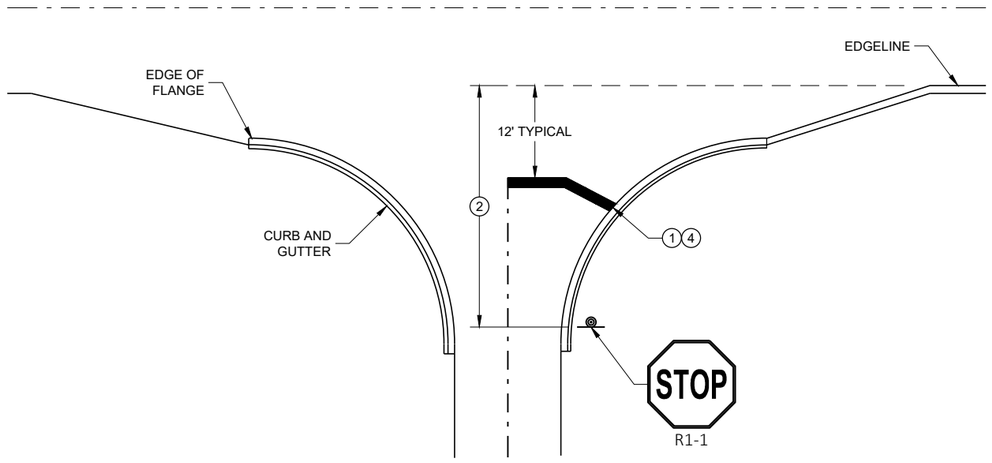
SDD 15C19 - 07b

SDD 15C33 Stop Line and Crosswalk Pavement Marking

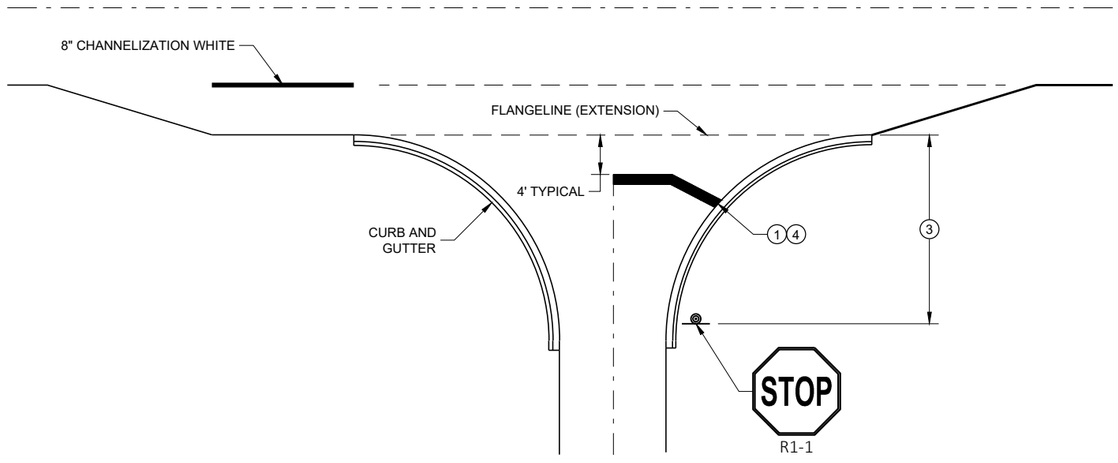
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

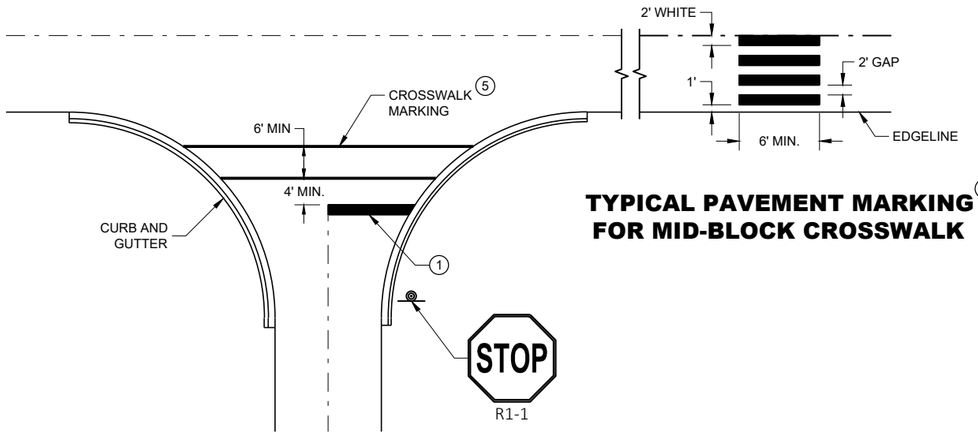
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE 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

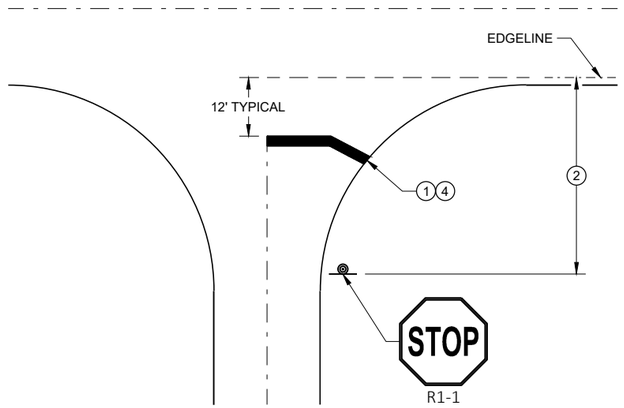


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING 5 FOR MID-BLOCK CROSSWALK

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS 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

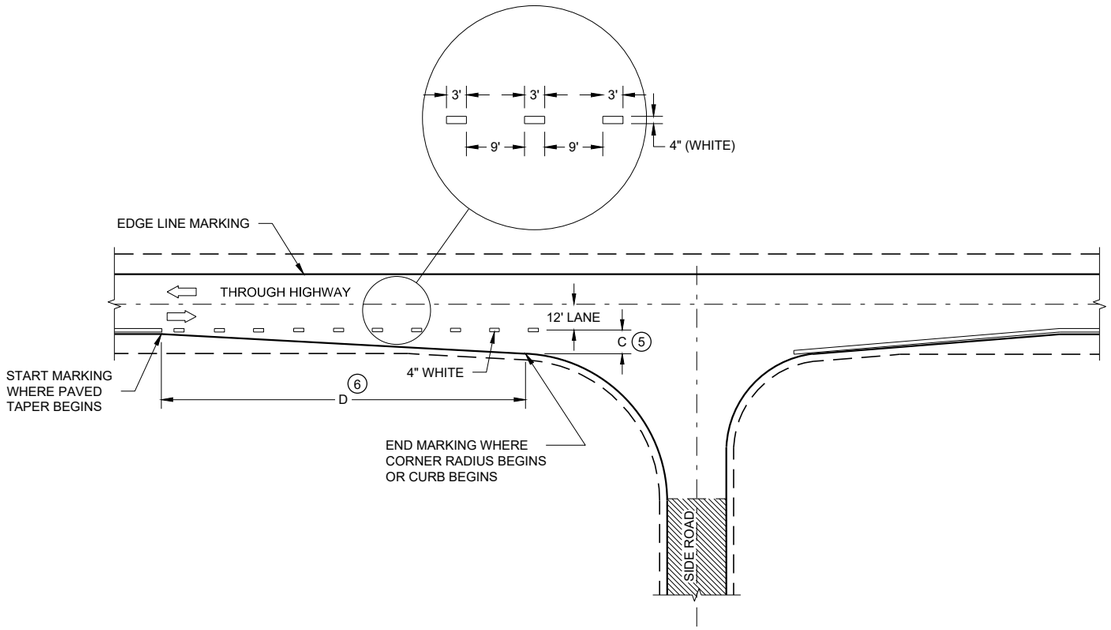
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SDD 15C33 - 04

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SDD 15C33 - 04

SDD 15C35-a Pavement Marking, Intersections



MINOR INTERSECTION

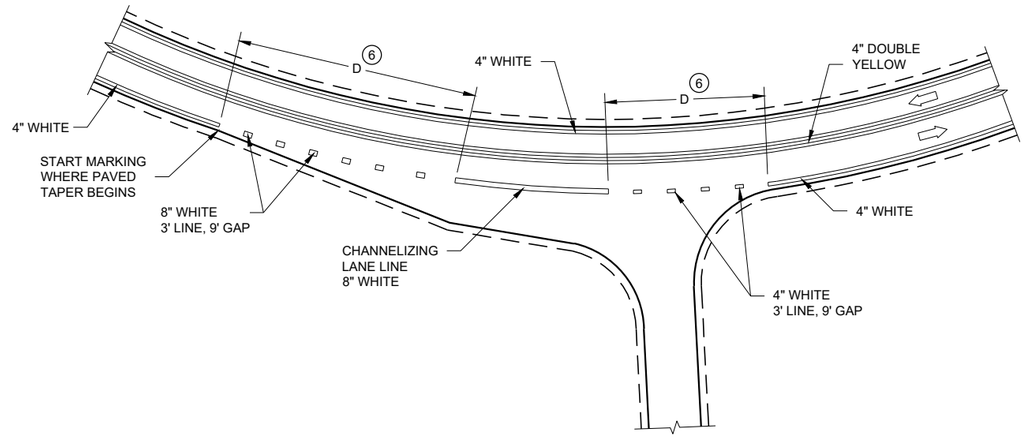
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

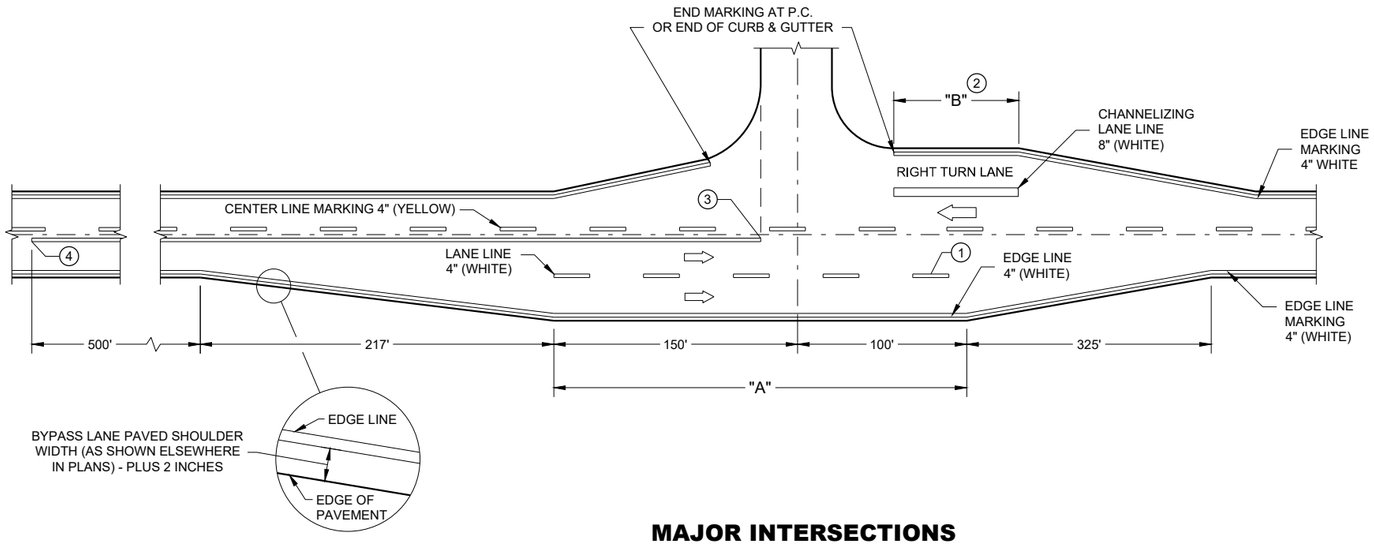
1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C35 - 05a

6

SDD 15C35 - 05a

SDD 15D12-a Traffic Control, Lane Closure

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

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

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

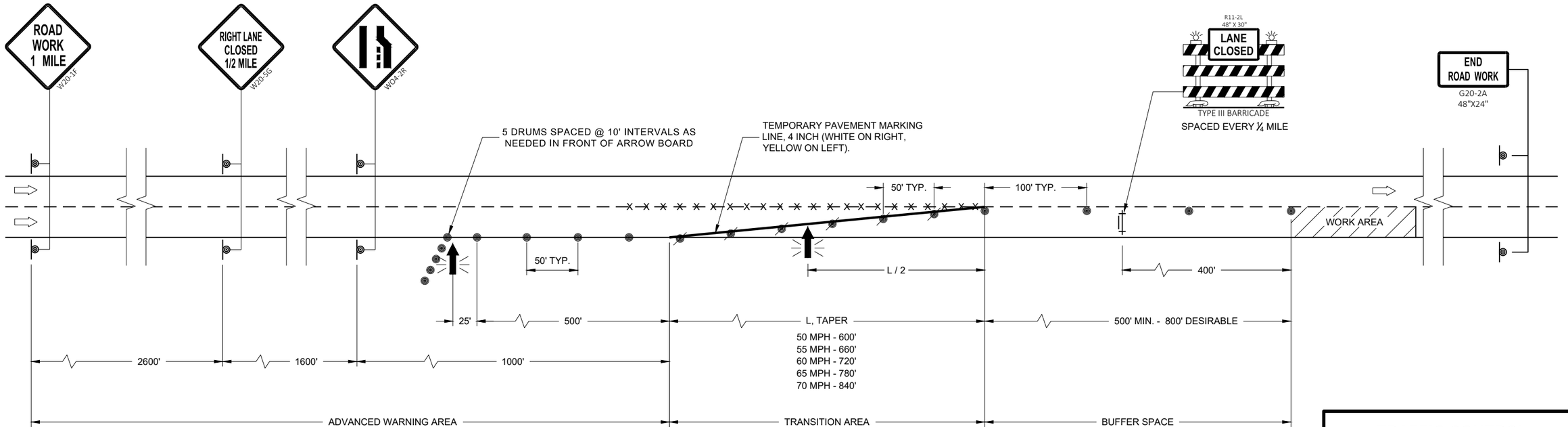
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- FLASHING ARROW BOARD



TRAFFIC CONTROL LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D12 - 10a

6

SDD 15D12 - 10a

SDD 15D20-a Traffic Control, Single Lane Closure, Divided Non-Freeway/Expressway

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45MPH, USE SDD 15D12.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

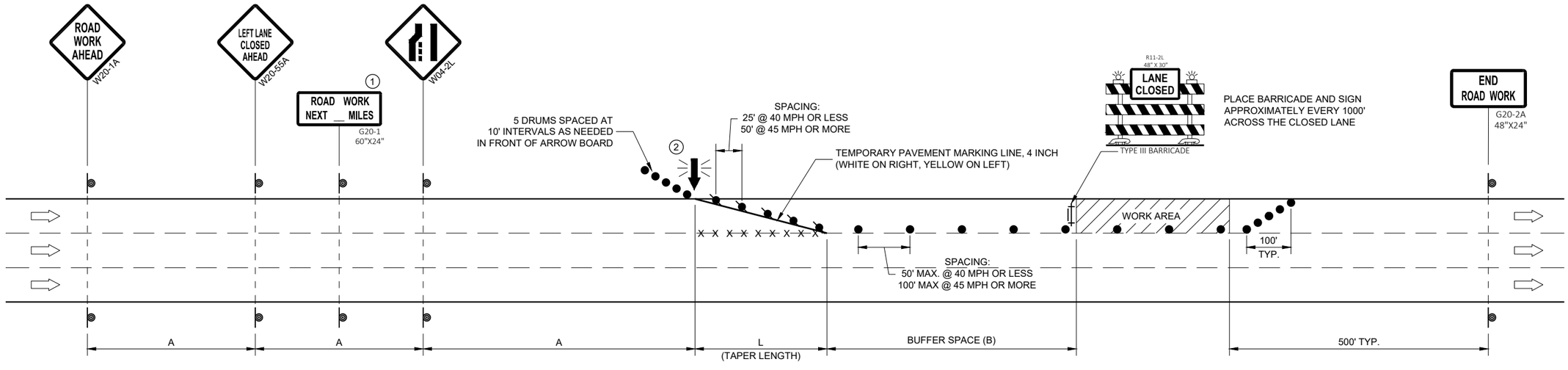
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO PLACE THE ARROW BOARD AS SHOWN, PLACE THE ARROW BOARD AT THE END OF THE TAPER.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'

TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15D20-b Traffic Control, Single Right Lane Closure, Undivided Non-Freeway/Expressway

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA



GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

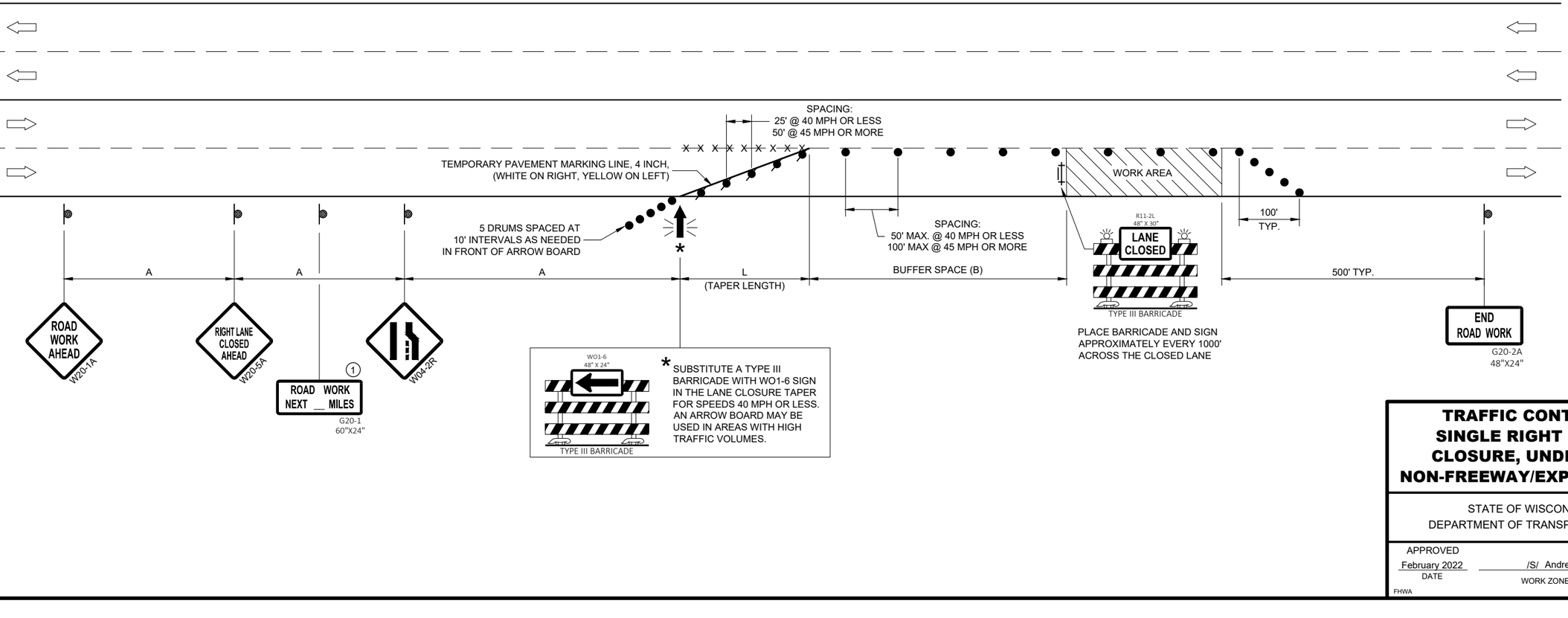
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'
50	500'	600'	280'
55	500'	660'	335'





TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15D20 - 06b

SDD 15D20 - 06b

SDD 15D20-c Traffic Control, Single Left Lane Closure, Undivided Non-Freeway/Expressway

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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

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CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

DUE TO LACK OF SHOULDER/MEDIAN, ARROW BOARD IS PLACED AT THE THE END OF THE TAPER.

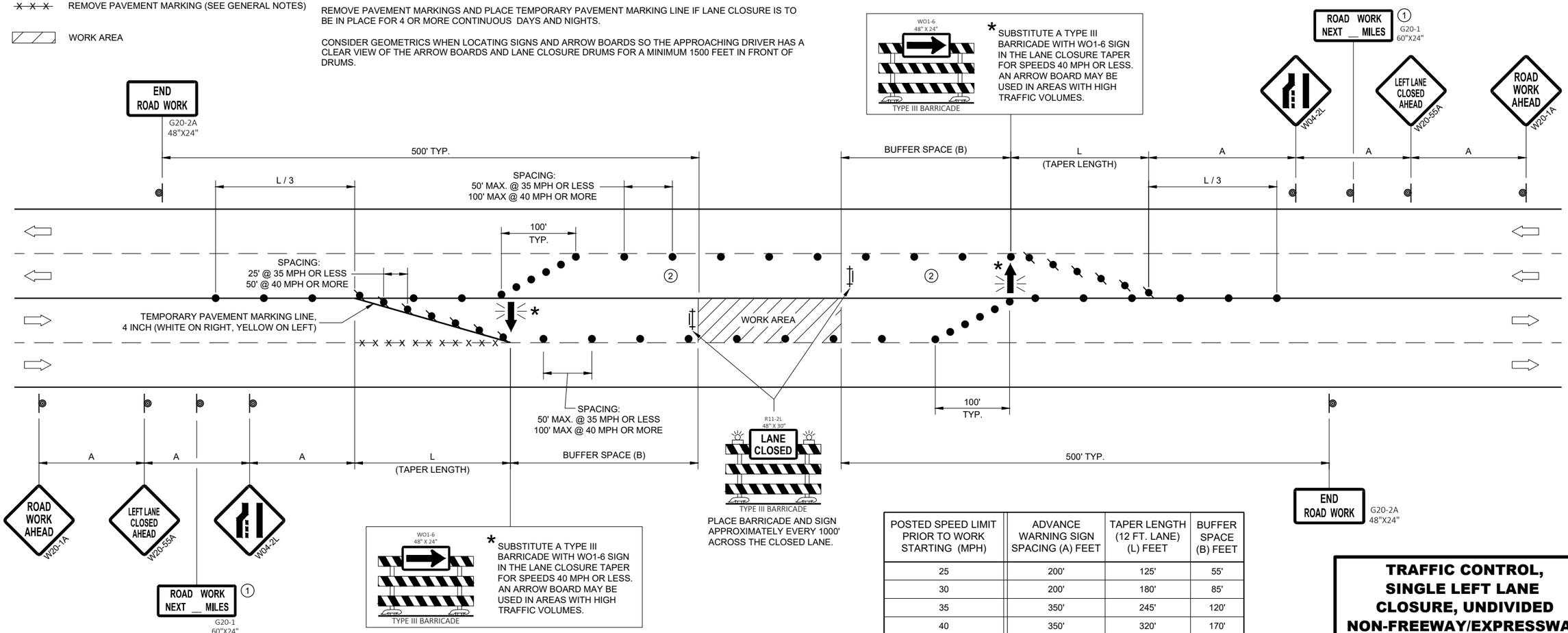
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CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) LANE MAY BE OPENED WHEN WORKERS ARE NOT PRESENT IN THE WORK AREA.



WO1-6 48" X 24"

TYPE III BARRICADE

* SUBSTITUTE A TYPE III BARRICADE WITH WO1-6 SIGN IN THE LANE CLOSURE TAPER FOR SPEEDS 40 MPH OR LESS. AN ARROW BOARD MAY BE USED IN AREAS WITH HIGH TRAFFIC VOLUMES.

* SUBSTITUTE A TYPE III BARRICADE WITH WO1-6 SIGN IN THE LANE CLOSURE TAPER FOR SPEEDS 40 MPH OR LESS. AN ARROW BOARD MAY BE USED IN AREAS WITH HIGH TRAFFIC VOLUMES.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'
50	500'	600'	280'
55	500'	660'	335'

TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

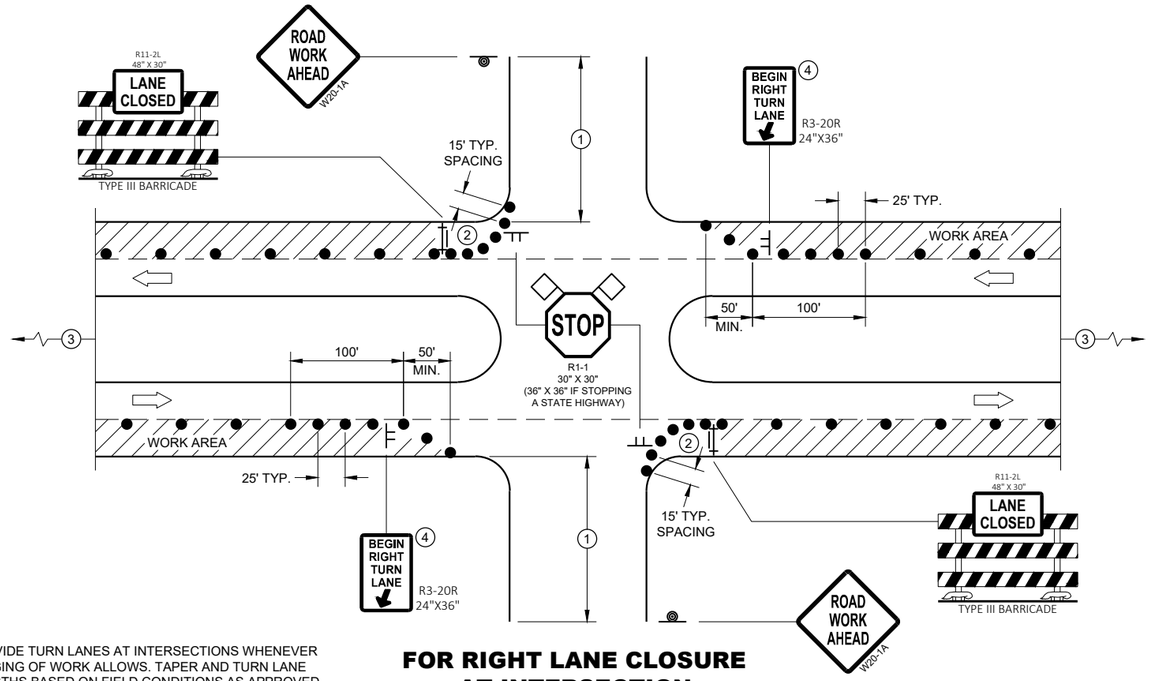
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SDD 15D20 - 06c

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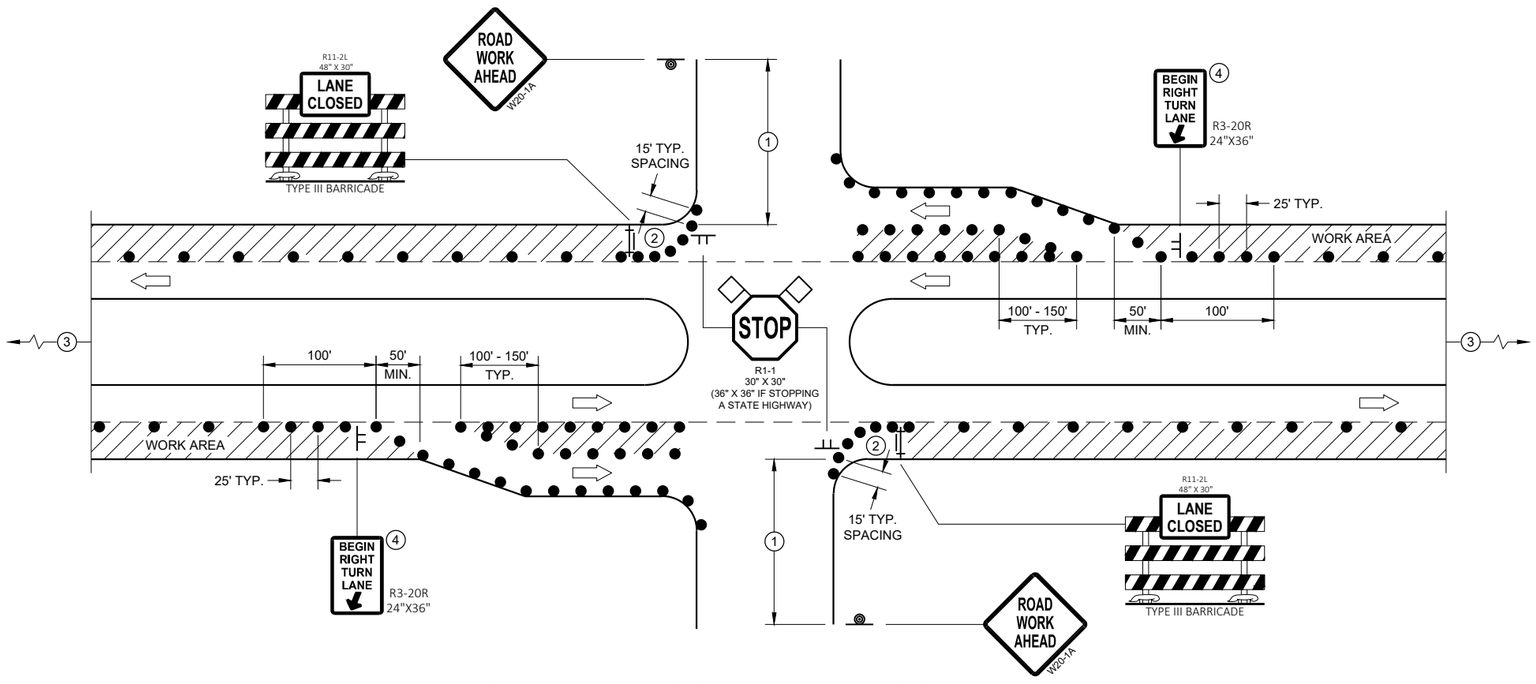
SDD 15D20 - 06c

SDD 15D21-a Traffic Control, Intersection Within Single Right Lane Closure



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT LANE CLOSURE AT INTERSECTION



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

LEGEND

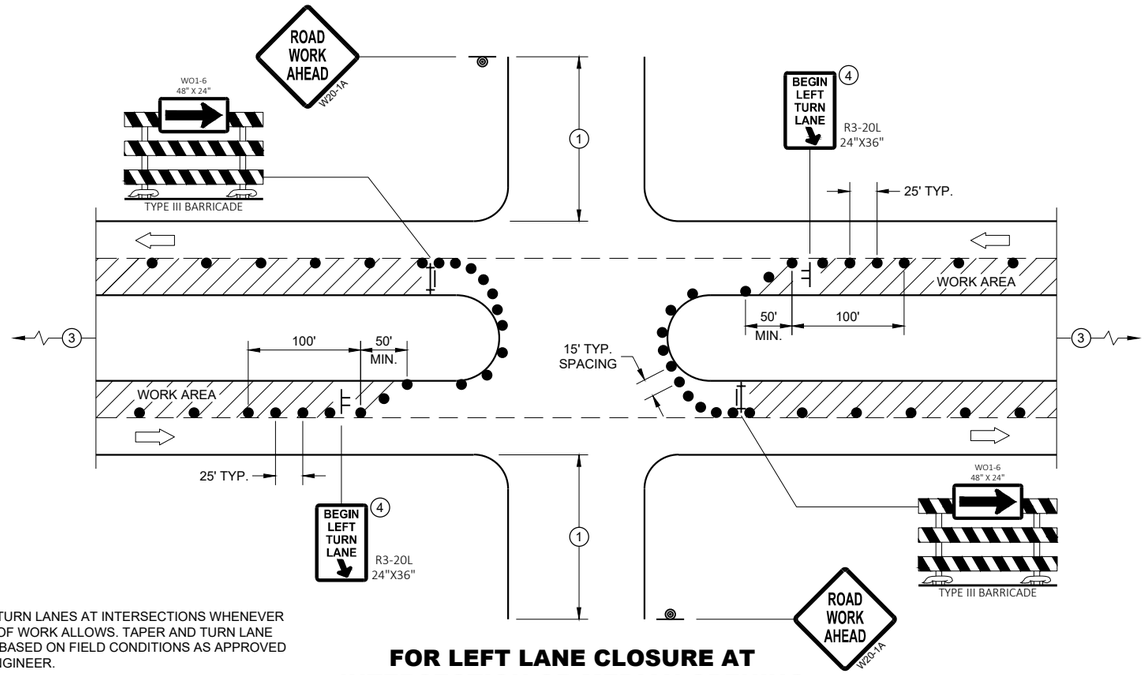
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD15D21 - 07a

SDD 15D21-b Traffic Control, Intersection Within Single Left Lane Closure



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

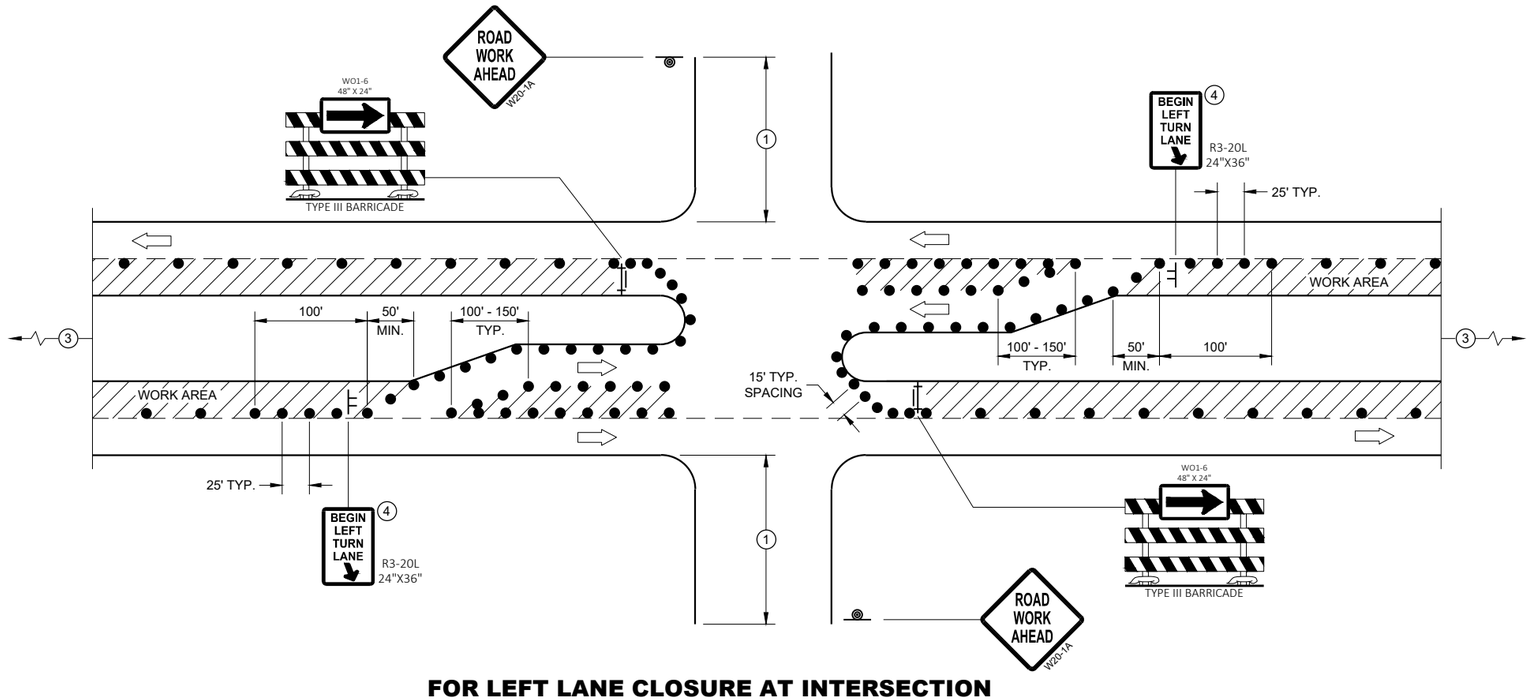
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6
SDD 15D21 - 07b

SDD 15D22 Traffic Control, Two Lane Closure, Divided Non-Freeway / Expressway

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45 MPH, USE SDD 15D14.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES.
FOR CLOSING LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

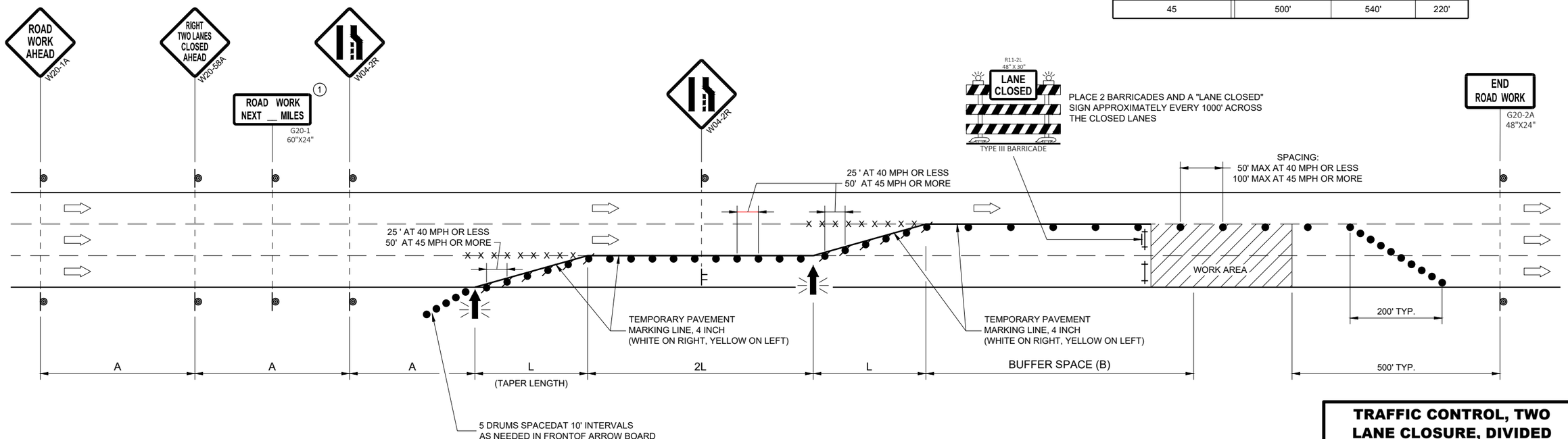
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'



TRAFFIC CONTROL, TWO LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

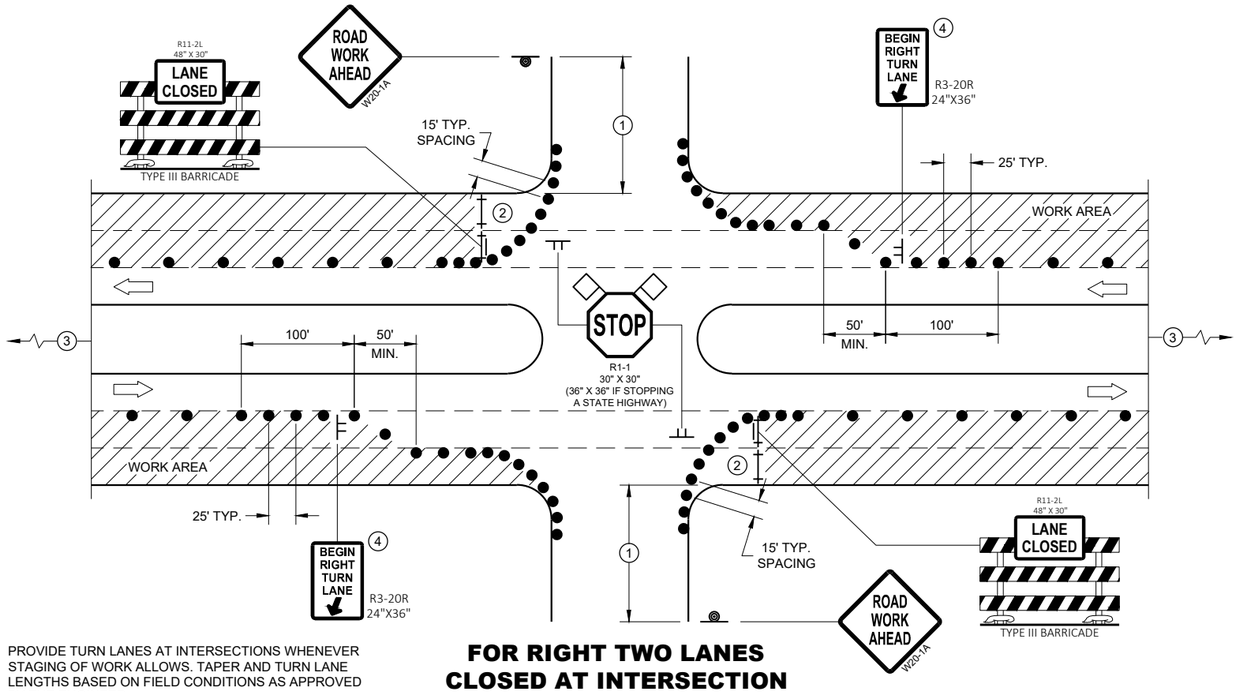
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SDD 15D22 - 05

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SDD 15D22 - 05

SDD 15D23-a Traffic Control, Intersection Within Two Right Lane Closure



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT TWO LANES CLOSED AT INTERSECTION

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

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THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

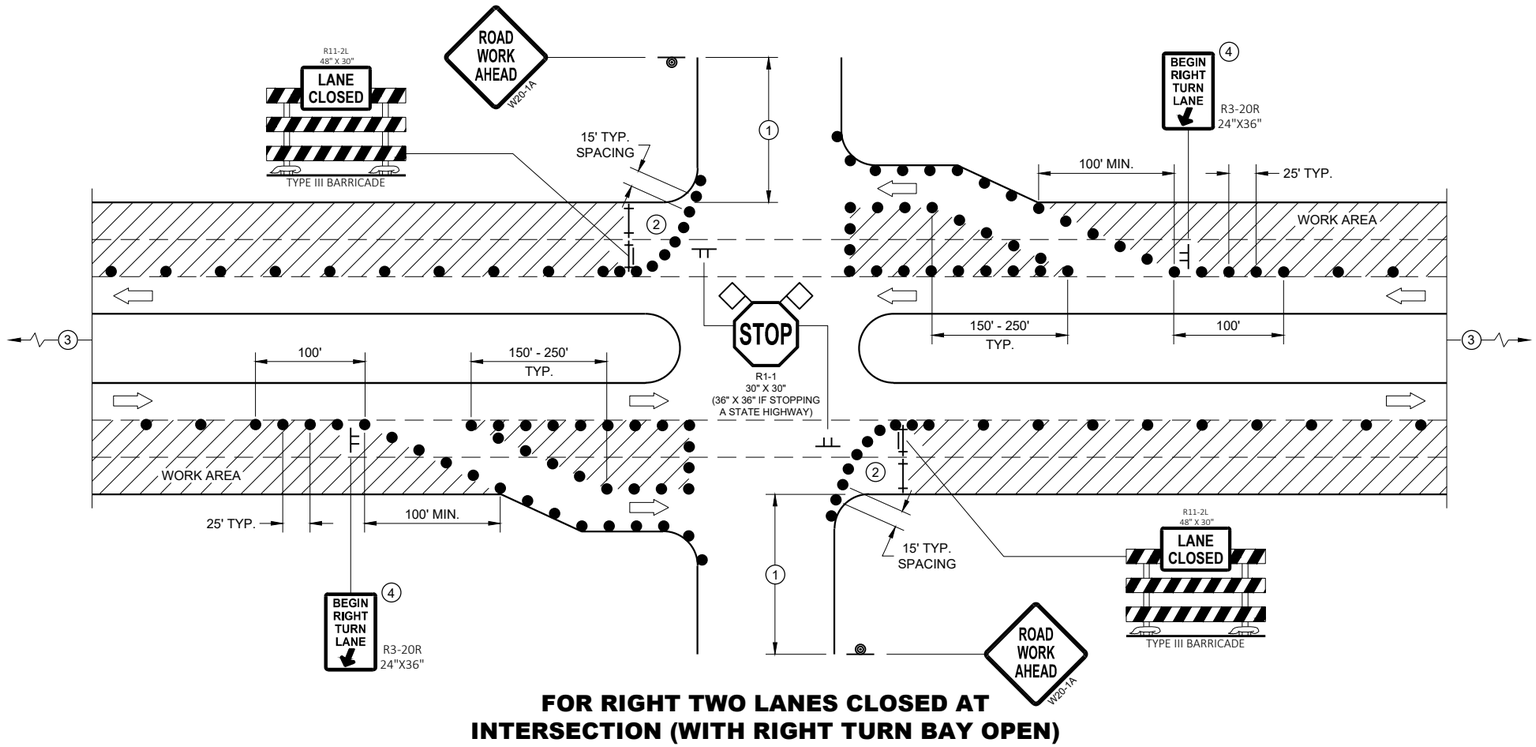
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR RIGHT TWO LANES CLOSED AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

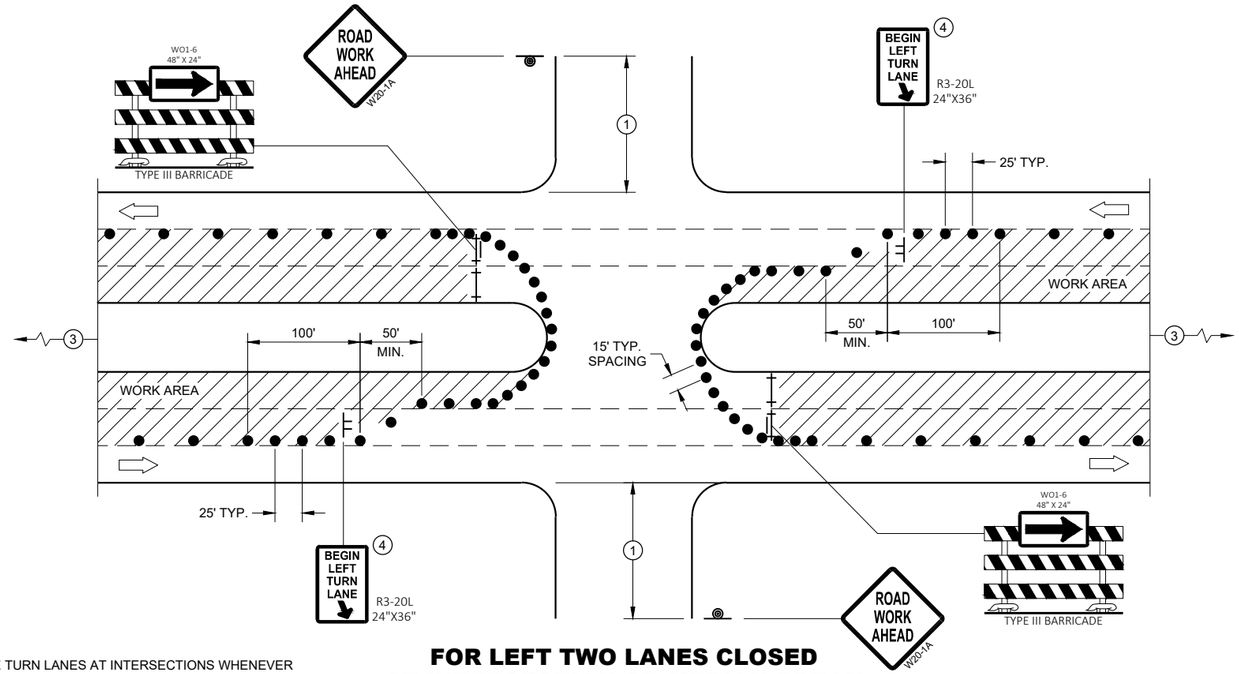
LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN TWO RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D23-b Traffic Control, Intersection Within Two Left Lane Closure



FOR LEFT TWO LANES CLOSED AT INTERSECTION OR MEDIAN BREAK

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

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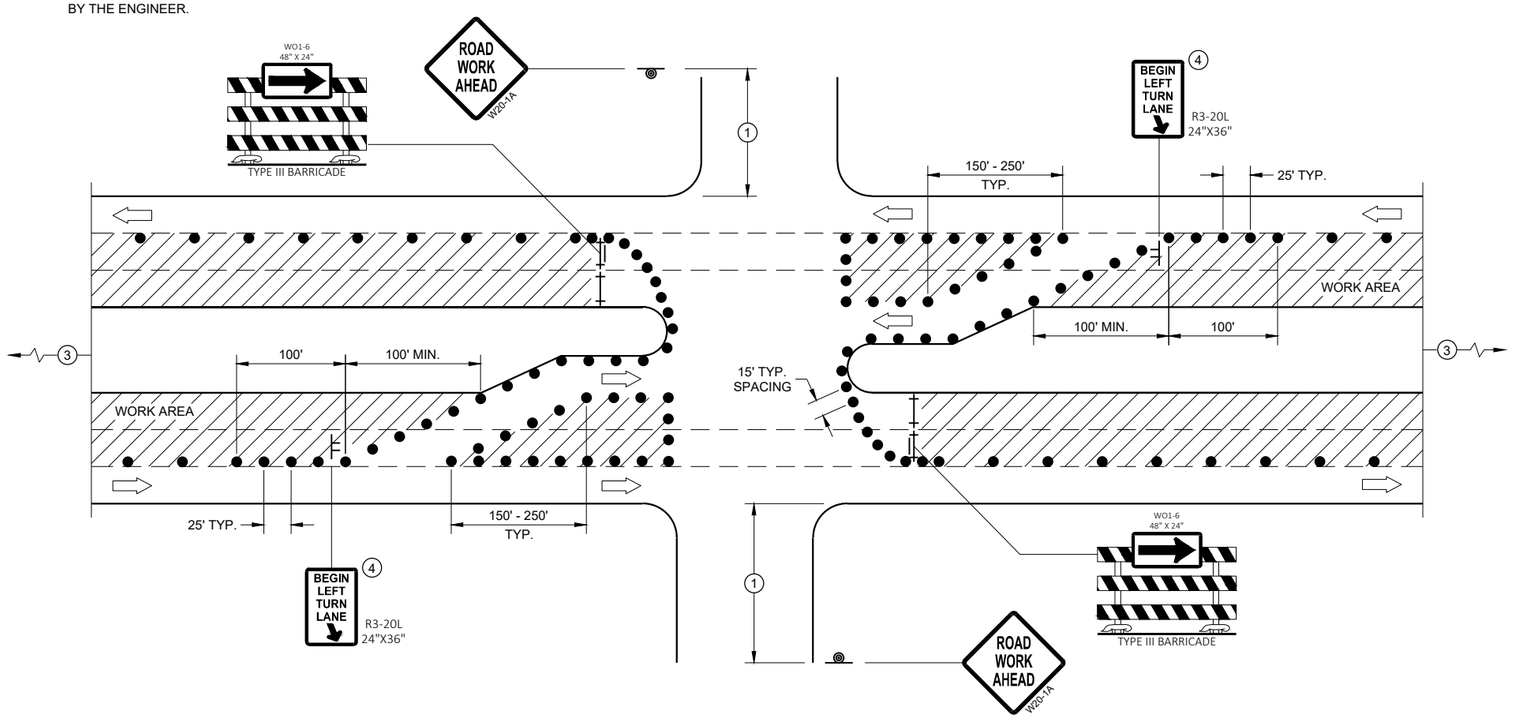
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT TWO LANES CLOSED AT INTERSECTION OR MEDIAN BREAK (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN TWO LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

GENERAL NOTES

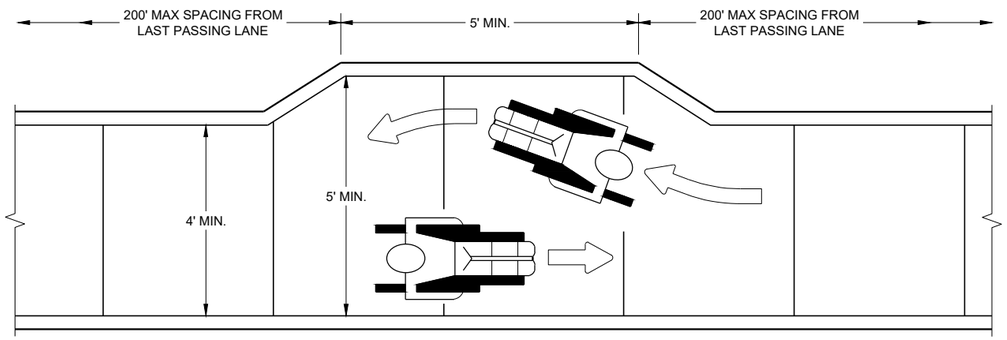
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

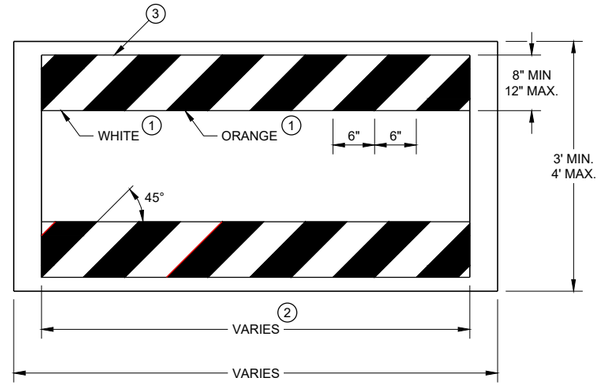
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

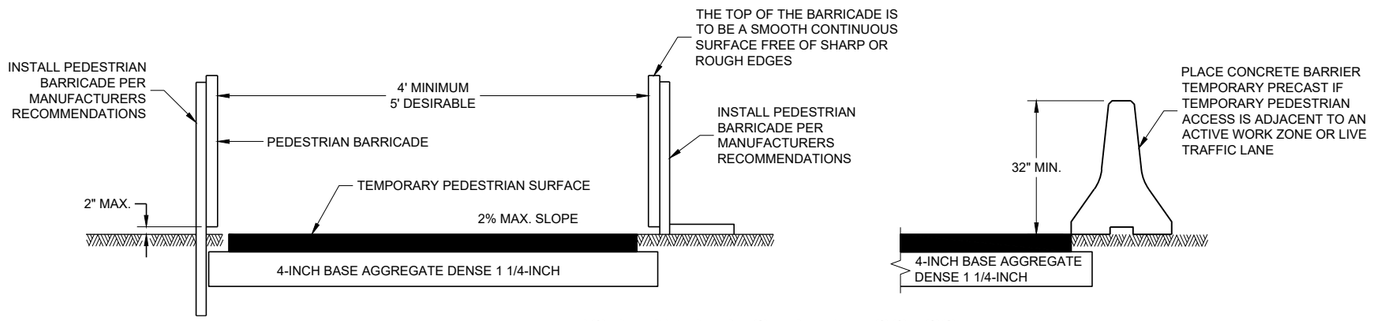
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN BARRICADE*



TEMPORARY PEDESTRIAN ACCESS

6

6

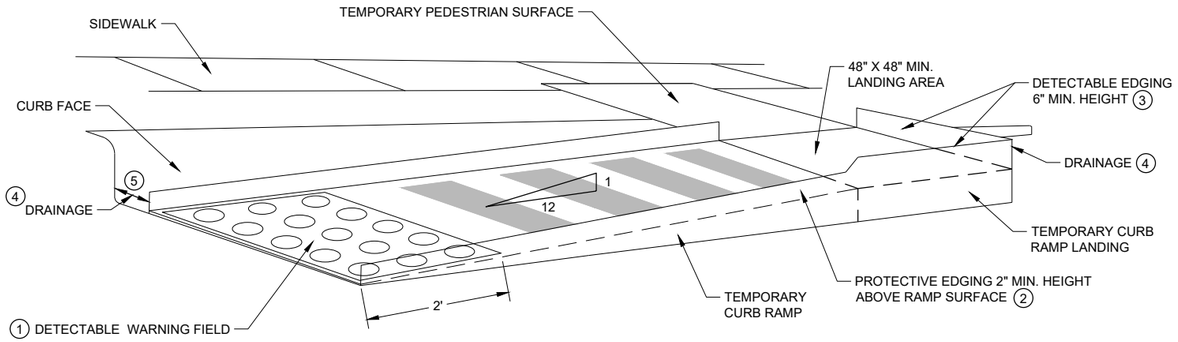
SDD 15D30 - 07a

SDD 15D30 - 07a

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D30-b Traffic Control, Pedestrian Accommodation



PERSPECTIVE VIEW

GENERAL NOTES

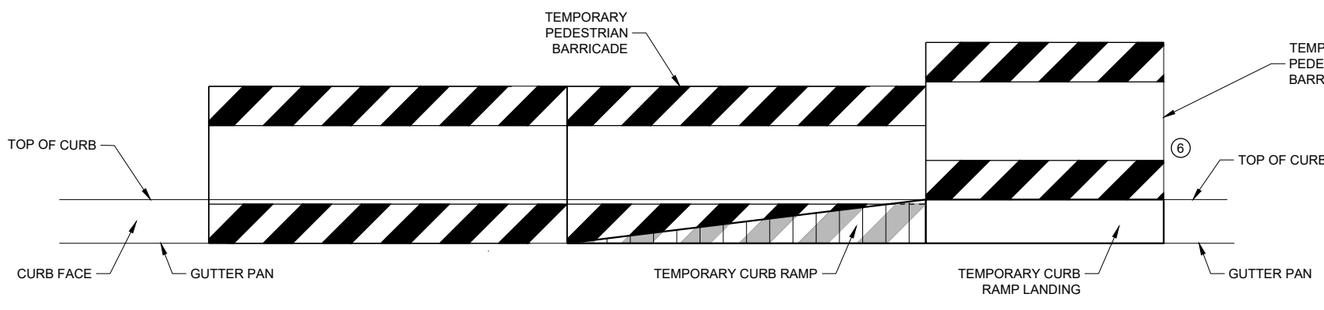
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

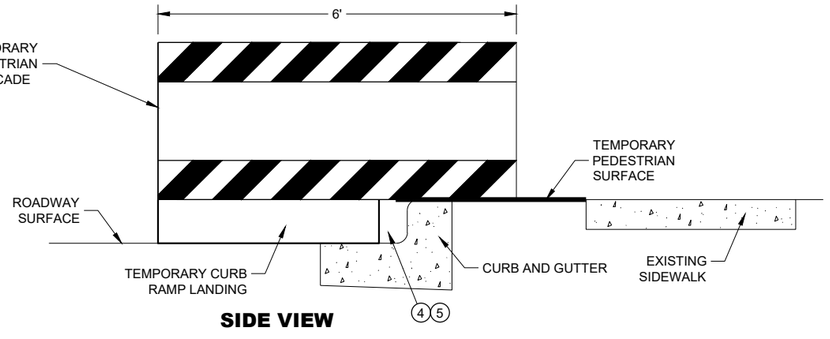
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

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. 6" MINIMUM BETWEEN CURB FACE AND EDGE OF RAMP
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

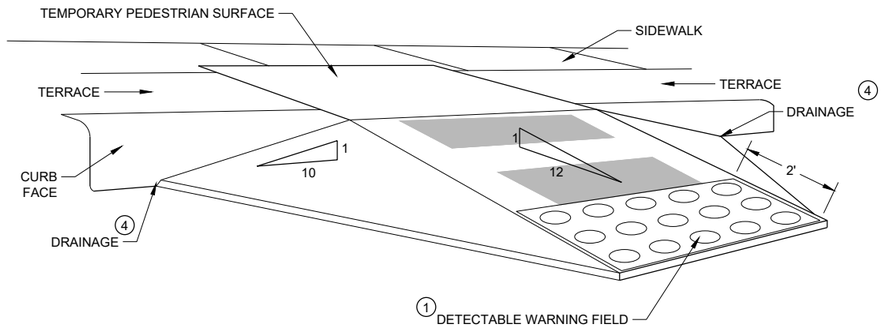
TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

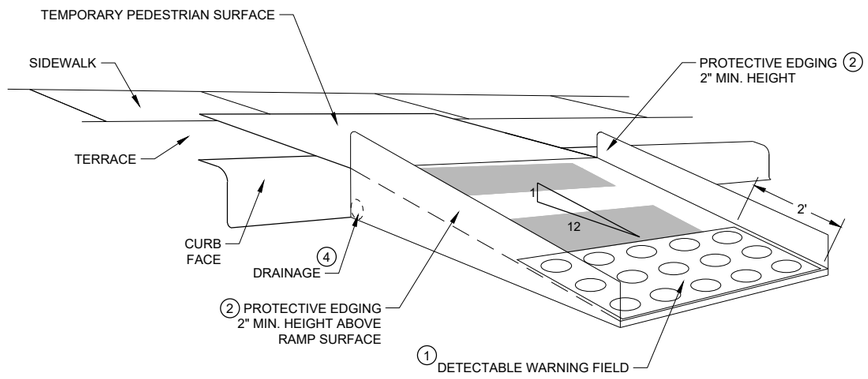
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D30 - 07b

SDD 15D30 - 07b



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.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 15D30 - 07c

GENERAL NOTES

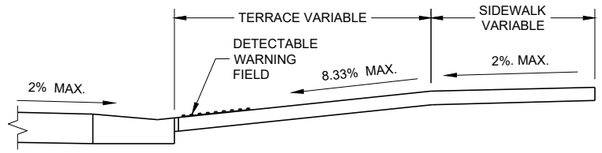
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

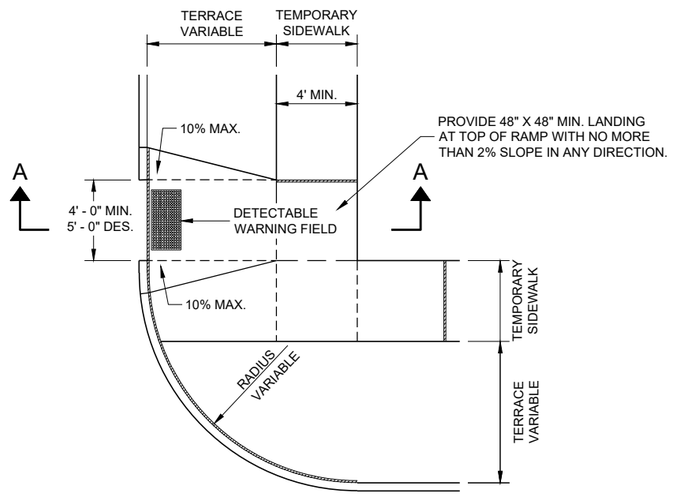
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(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

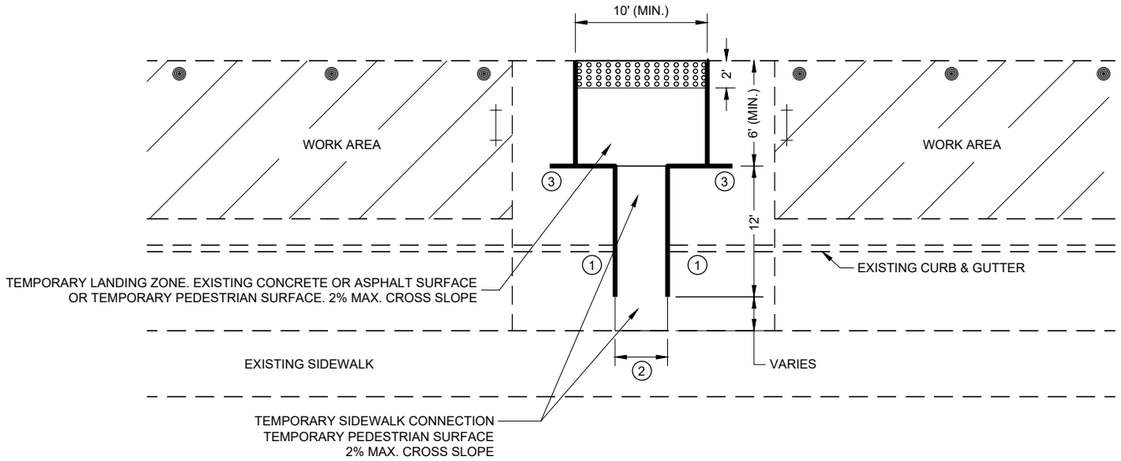
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

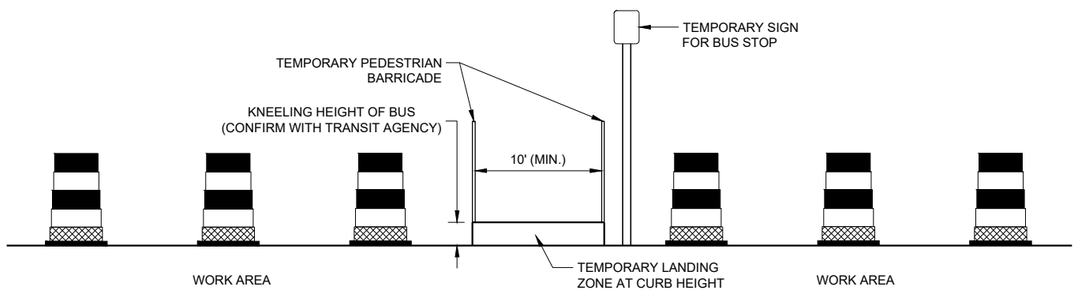
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15D30-e Traffic Control, Pedestrian Accommodation



PLAN VIEW



PROFILE VIEW

TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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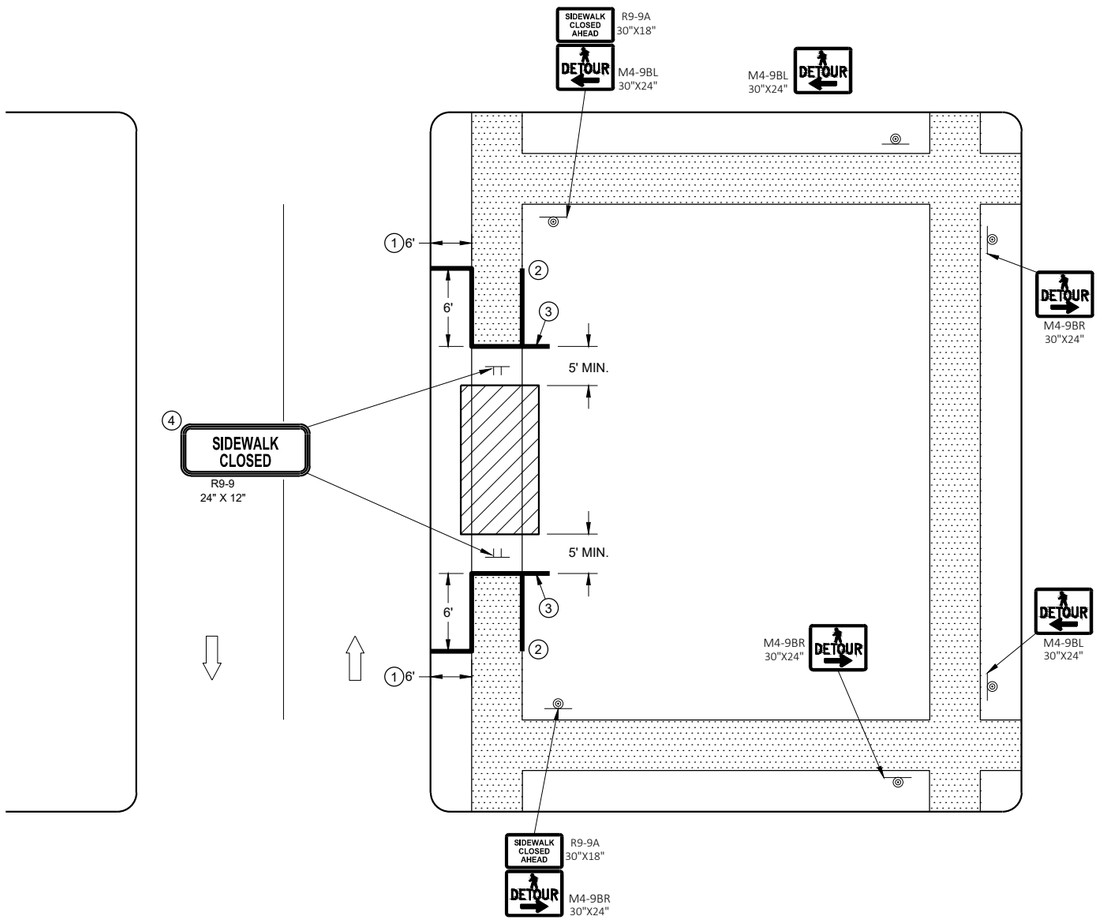
SDD 15D30 - 07e

SDD 15D30 - 07e

SDD 15D30-f Traffic Control, Pedestrian Accommodation

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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.

6

6

SDD 15D30 - 07f

SDD 15D30 - 07f

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D30-g Traffic Control, Pedestrian Accommodation

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

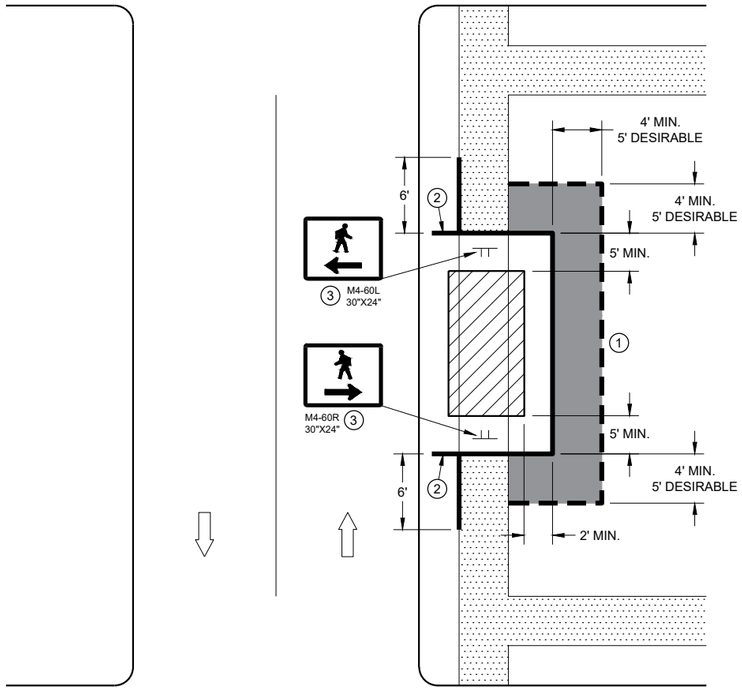
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

(1) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(2) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK DIVERSION
SINGLE SIDE

6

6

SDD 15D30 - 07g

SDD 15D30 - 07g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

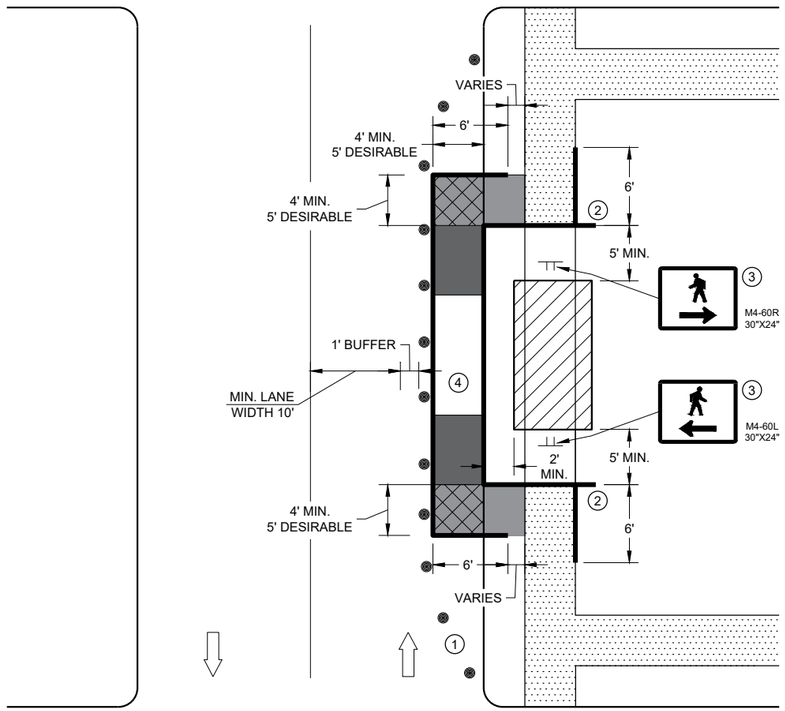
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.

(2) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

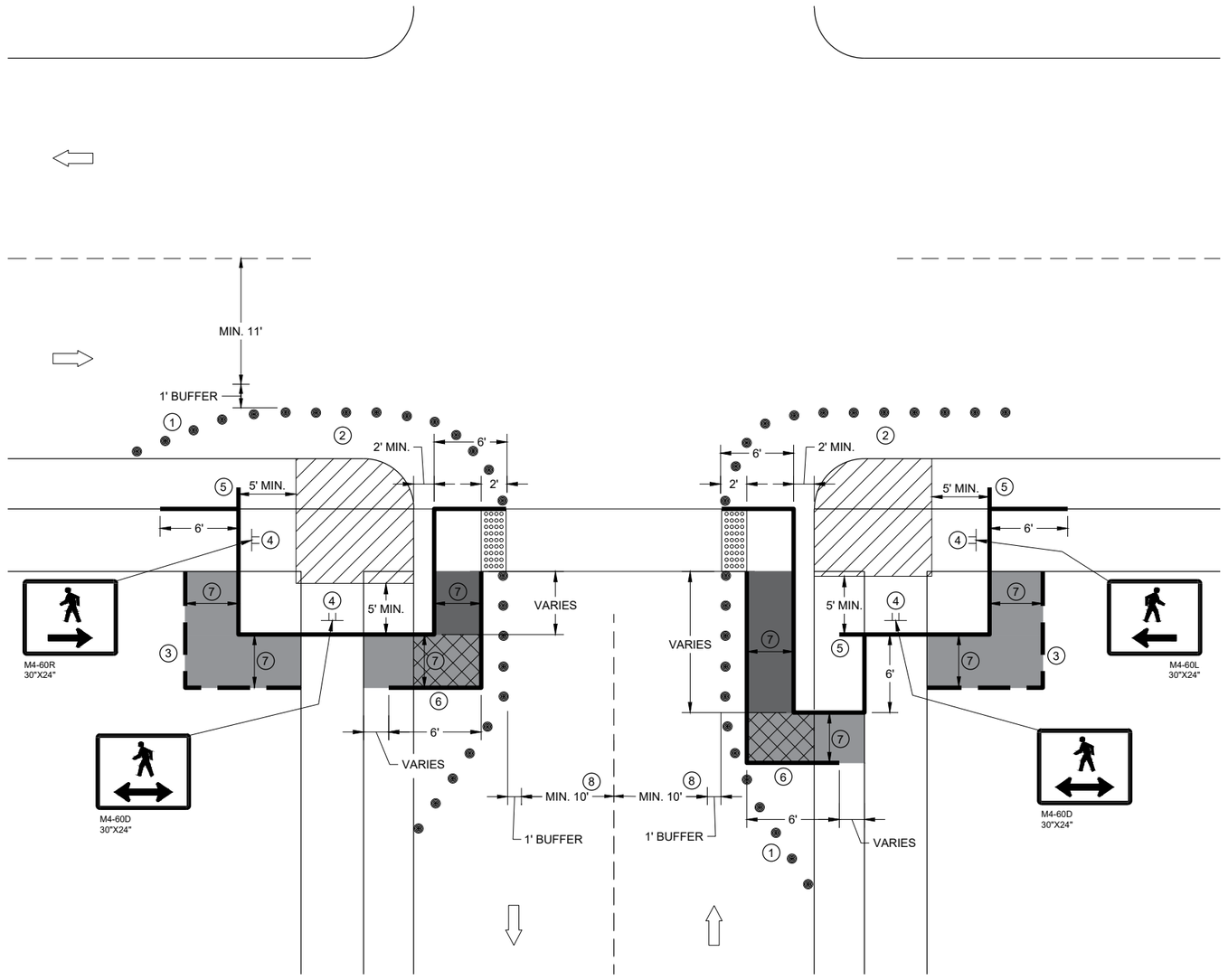
(4) USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.



SIDEWALK DIVERSION, SINGLE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

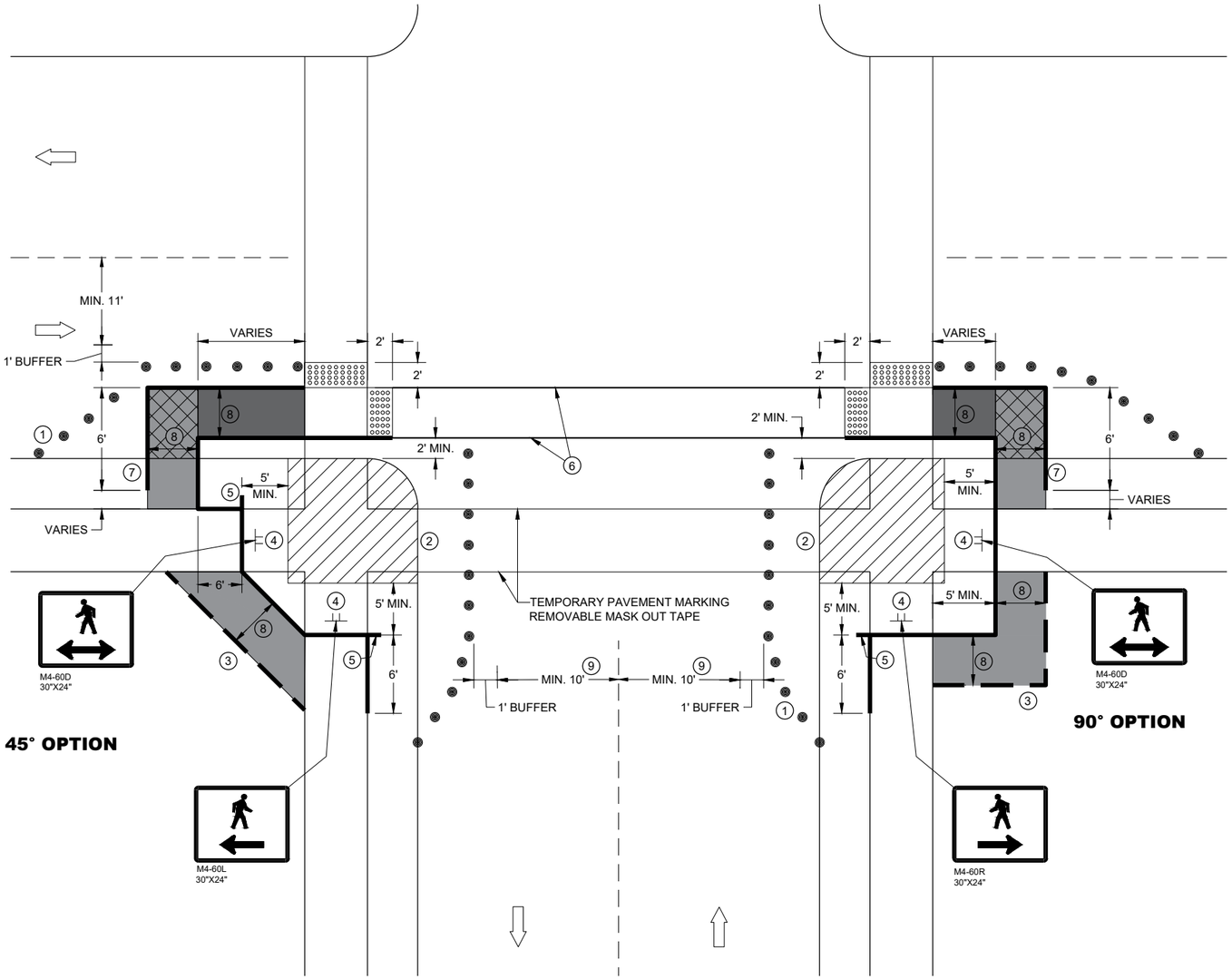
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D30-j Traffic Control, Pedestrian Accommodation



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. WHITE 6" TEMPORARY PAVEMENT MARKING
7. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
8. 4 FEET MINIMUM, 5 FEET DESIRABLE
9. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 07j

SDD 15D44 Traffic Control, Signing on Roadways With Milled Surfaces

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

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

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

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

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

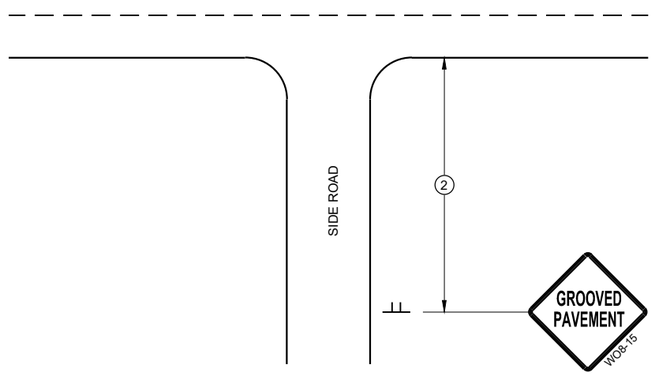
(1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

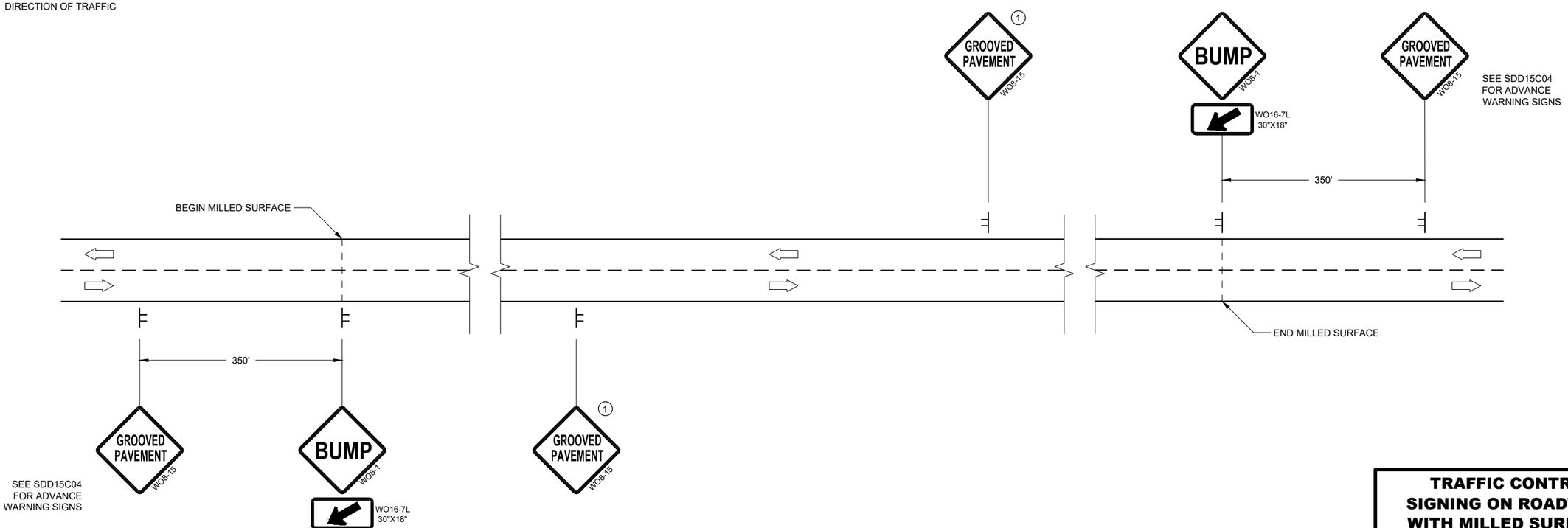
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15D45 Traffic Control, Signing on Roadways With Loose Gravel

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

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

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

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

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

(1) PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED OR LOOSE GRAVEL SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

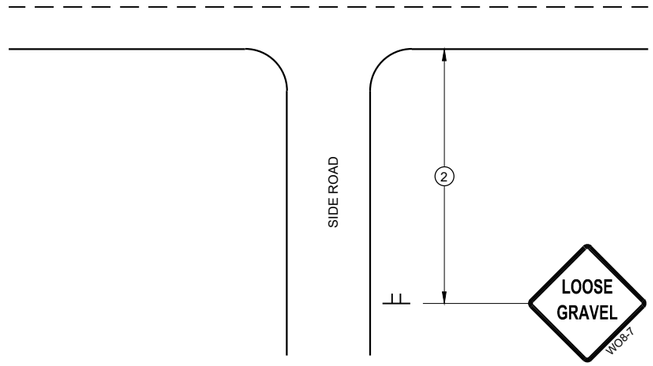
(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

(3) ADD WO8-1 OR WO8-2 SIGN WHEN THE CONDITION IS PRESENT.

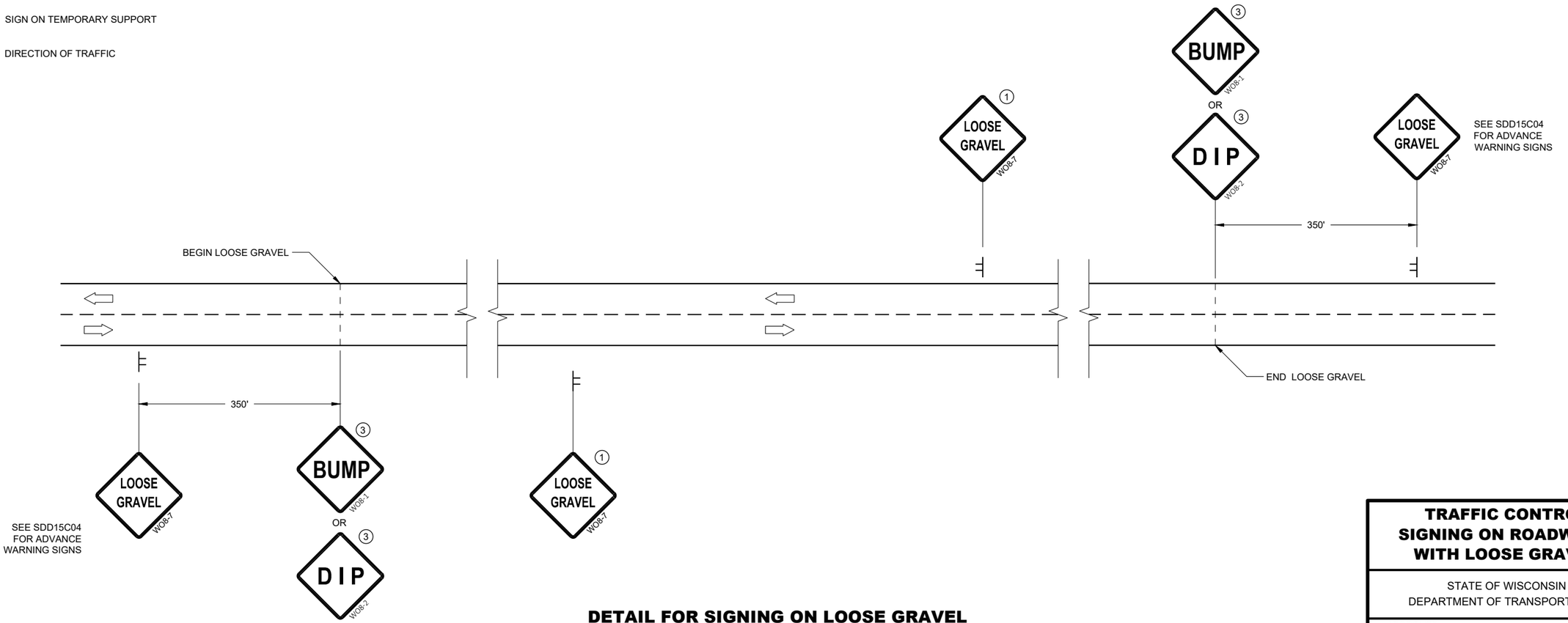
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON LOOSE GRAVEL OR CHIP SEALED SURFACES

TRAFFIC CONTROL SIGNING ON ROADWAYS WITH LOOSE GRAVEL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

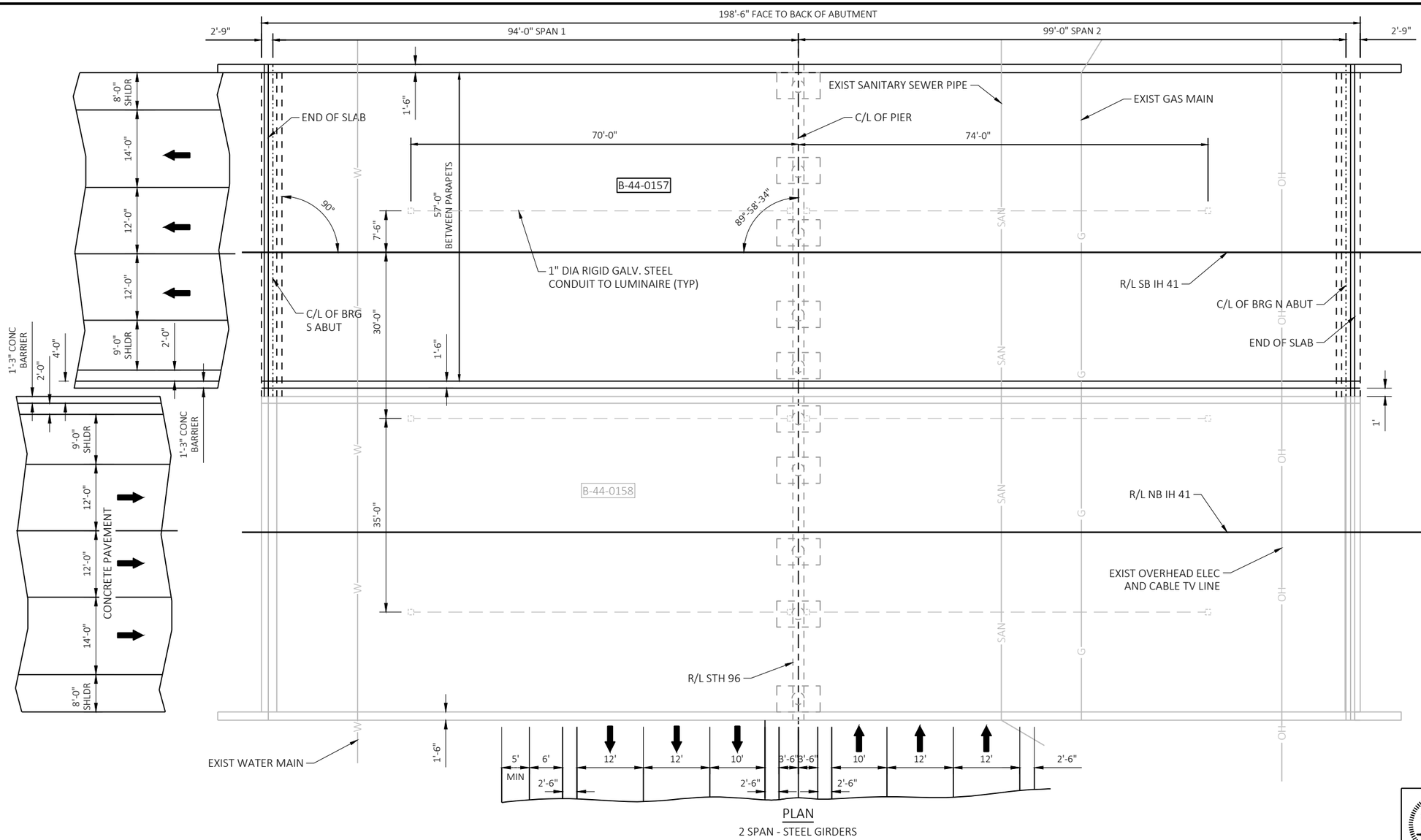
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SDD 15D45 - 03

6

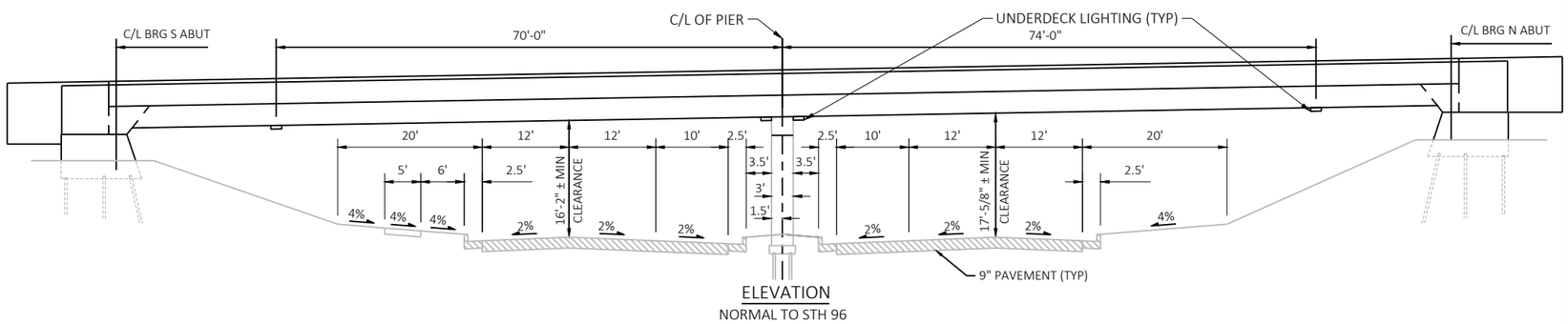
SDD 15D45 - 03

STATE PROJECT NUMBER
4075-40-71



PLAN

2 SPAN - STEEL GIRDERS



ELEVATION

NORMAL TO STH 96

N

DESIGN DATA

LIVE LOAD:

DESIGN LOADING.....HS -20
INVENTORY RATING.....HS -32
OPERATING RATING.....HS -54
WISCONSIN STANDARD
PERMIT VEHICLE (WIS-SPV)....250 KIP

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. CROSS SECTION, QUANTITIES & NOTES
3. FRAMING PLAN & DIAPHRAGM DETAILS

TRAFFIC DATA

STH 96
A.D.T. (2023) = 37040
R.D.S. = 35 MPH

CONTACTS

NE REGION PROJECT MANAGER
JESSE HANSON (920) 492-5630

BUREAU OF STRUCTURES
AARON BONK (608) 261-0261

Plans Prepared By WISDOT

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-44-0157

IH 41 SB OVER STH 96

COUNTY	TOWN	
OUTAGAMIE	GRAND CHUTE	
DESIGN SPEC. REHABILITATION N/A		
DESIGNED BY BAH	DESIGN CK'D. XXX	DRAWN BY MRC
PLANS CK'D. XXX		

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

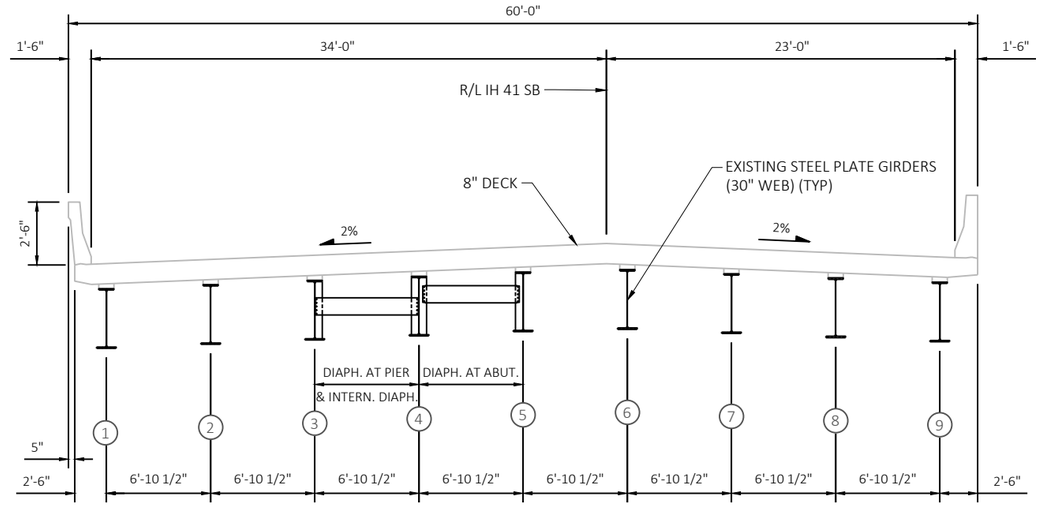
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LAYOUT NAME - 080101-st

PLOT DATE : 6/16/2022 2:19 PM PLOT BY : ERDMANN, RYAN DARYL PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET

STATE PROJECT NUMBER
4075-40-71



CROSS SECTION THRU B-44-0157

(LOOKING NORTH)

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	TOTAL
517.1801.S	STRUCTURE REPAINTING RECYCLED ABRASIVE B-44-0157	EACH	1
517.4501.S	NEGATIVE PRESSURE CONTAINMENT AND COLLETION OF WASTE MATERIALS B-44-0157	EACH	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1

FOR INFORMATION ONLY: APPROXIMATELY 20490 SF OF STRUCTURAL STEEL

NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON ASBUILT STRUCTURE PLANS.

SEE HIGHWAY STRUCTURE INFORMATION SYSTEM FOR ADDITIONAL DETAIL.

PAINT COLOR SHALL BE FEDERAL STANDARD COLOR NO. 20152 REDISH BROWN

ALL EXPOSED STEEL SURFACES UNDERNEATH THE BRIDGE ARE TO BE CLEANED AND PAINTED. THE SURFACES INCLUDE GIRDERS, CROSS FRAMING, DIAPHRAGMS, STIFFENERS, BEARINGS AND CONNECTIONS.

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURES DESIGN SECTION

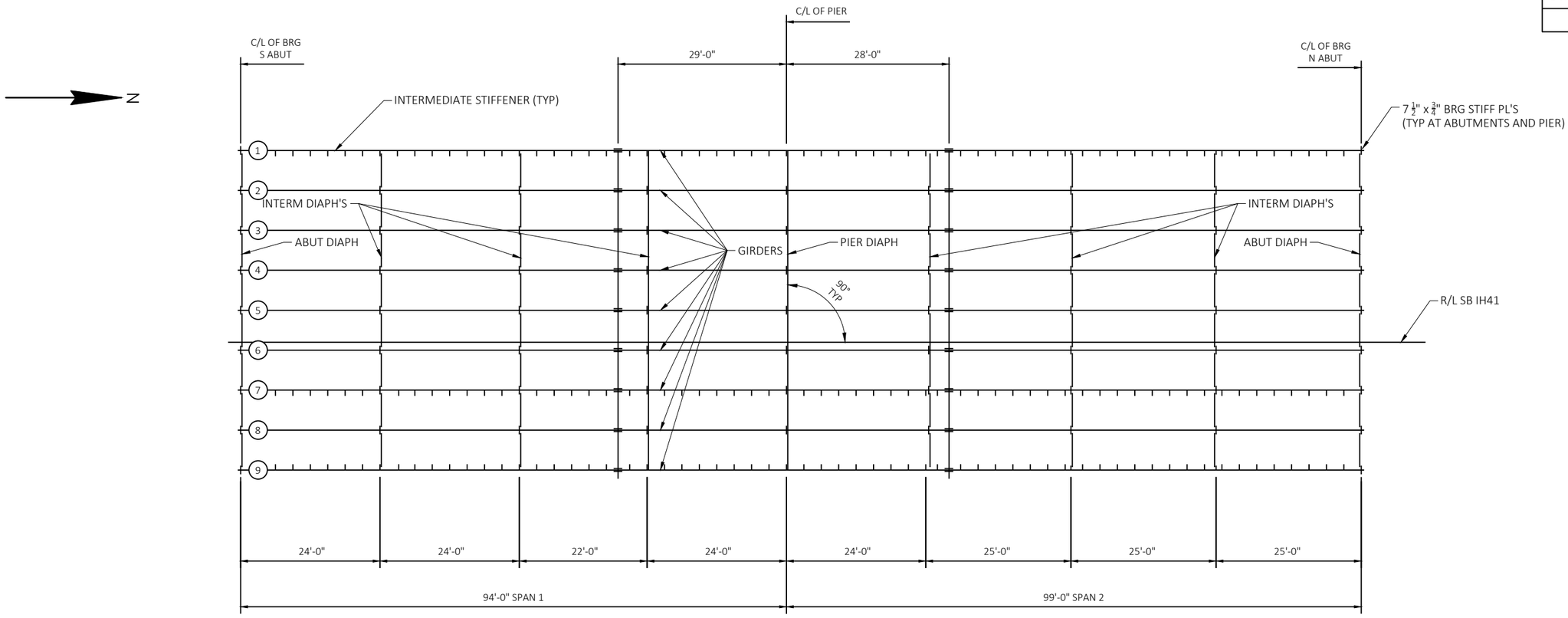
STRUCTURE B-44-0157

DRAWN BY MRC | PLANS CK'D

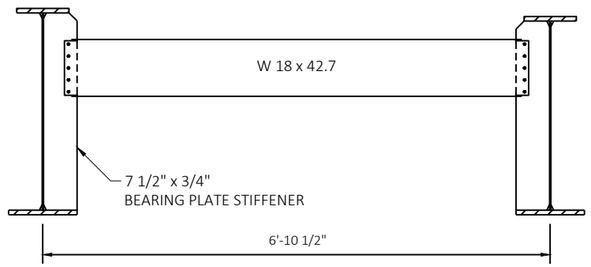
CROSS SECTION, QUANTITIES & NOTES

SHEET 2 OF 3

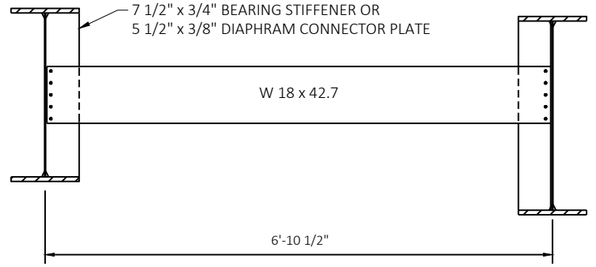
STATE PROJECT NUMBER
4075-40-71



FRAMING PLAN



ABUTMENT DIAPHRAGM



INTERMEDIATE DIAPHRAGM AND PIER DIAPHRAGM

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-44-0157

DRAWN BY	MRC	PLANS CK'D	

FRAMING PLAN AND DIAPHRAGM DETAILS

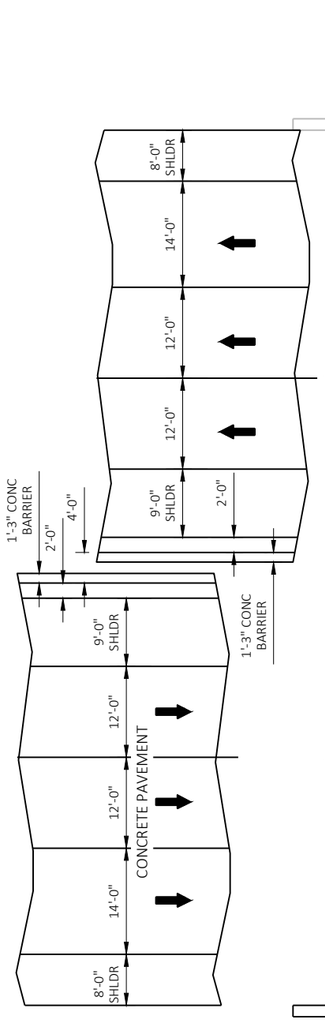
SHEET 3 OF 3

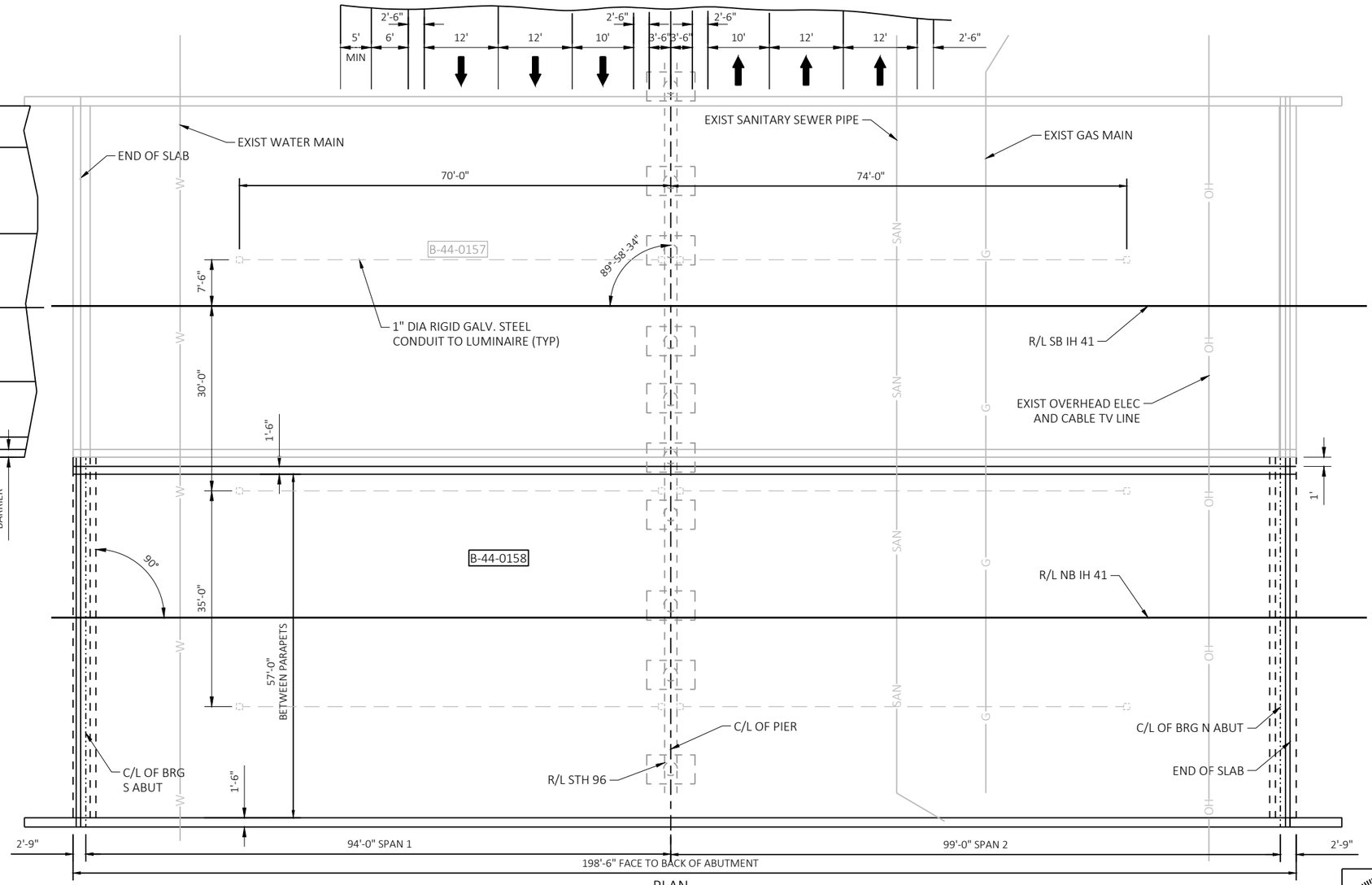
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LAYOUT NAME - 080103-st

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WISDOT/CADDS SHEET

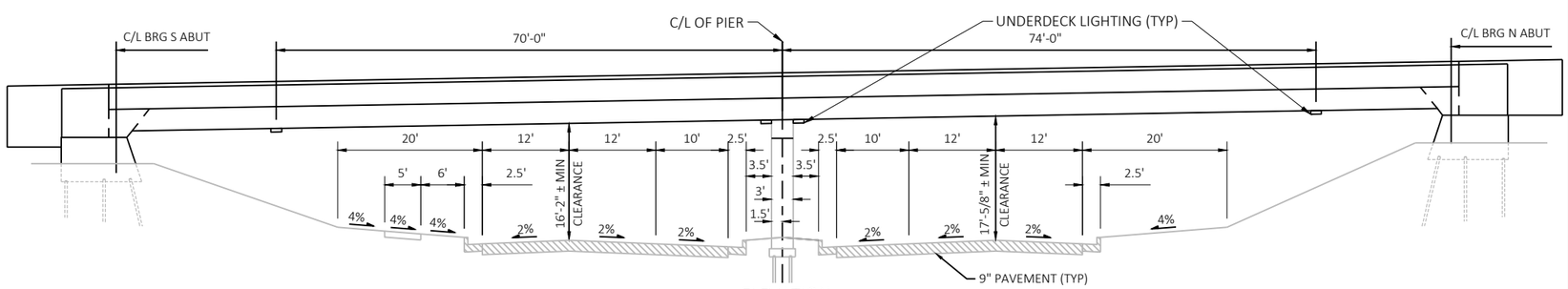
STATE PROJECT NUMBER
4075-40-71





PLAN

2 SPAN - STEEL GIRDERS



ELEVATION

NORMAL TO STH 96

DESIGN DATA

LIVE LOAD:

DESIGN LOADING.....HS -20
INVENTORY RATING.....HS -32
OPERATING RATING.....HS -54
WISCONSIN STANDARD
PERMIT VEHICLE (WIS-SPV)....250 KIP

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. CROSS SECTION, QUANTITIES & NOTES
3. FRAMING PLAN & DIAPHRAGM DETAILS

TRAFFIC DATA

STH 96
A.D.T. (2023) = 37040
R.D.S. = 35 MPH

CONTACTS

NE REGION PROJECT MANAGER
JESSE HANSON (920) 492-5630

BUREAU OF STRUCTURES
AARON BONK (608) 261-0261

Plans Prepared By

WISDOT

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-44-0158

IH 41 NB OVER STH 96

COUNTY	TOWN		
OUTAGAMIE	GRAND CHUTE		
DESIGN SPEC. REHABILITATION N/A			
DESIGNED BY BAH	DESIGN CK'D. XXX	DRAWN BY MRC	PLANS CK'D. XXX

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

8

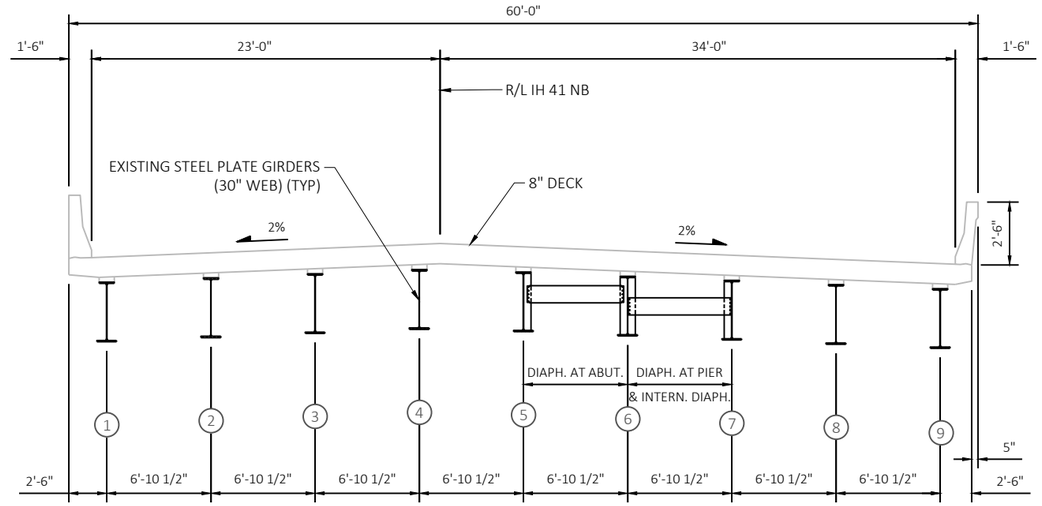
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LAYOUT NAME - 080104-st

PLOT DATE : 6/16/2022 2:19 PM PLOT BY : ERDMANN, RYAN DARYL PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET

STATE PROJECT NUMBER
4075-40-71



CROSS SECTION THRU B-44-0158

(LOOKING NORTH)

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	TOTAL
517.1801.S	STRUCTURE REPAINTING RECYCLED ABRASIVE B-44-0158	EACH	1
517.4501.S	NEGATIVE PRESSURE CONTAINMENT AND COLLETION OF WASTE MATERIALS B-44-0158	EACH	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1

FOR INFORMATION ONLY: APPROXIMATELY 20490 SF OF STRUCTURAL STEEL

NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON ASBUILT STRUCTURE PLANS.

SEE HIGHWAY STRUCTURE INFORMATION SYSTEM FOR ADDITIONAL DETAIL.

PAINT COLOR SHALL BE FEDERAL STANDARD COLOR NO. 20152 REDISH BROWN

ALL EXPOSED STEEL SURFACES UNDERNEATH THE BRIDGE ARE TO BE CLEANED AND PAINTED. THE SURFACES INCLUDE GIRDERS, CROSS FRAMING, DIAPHRAGMS, STIFFENERS, BEARINGS AND CONNECTIONS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURES DESIGN SECTION

STRUCTURE B-44-0158

DRAWN BY MRC | PLANS CK'D

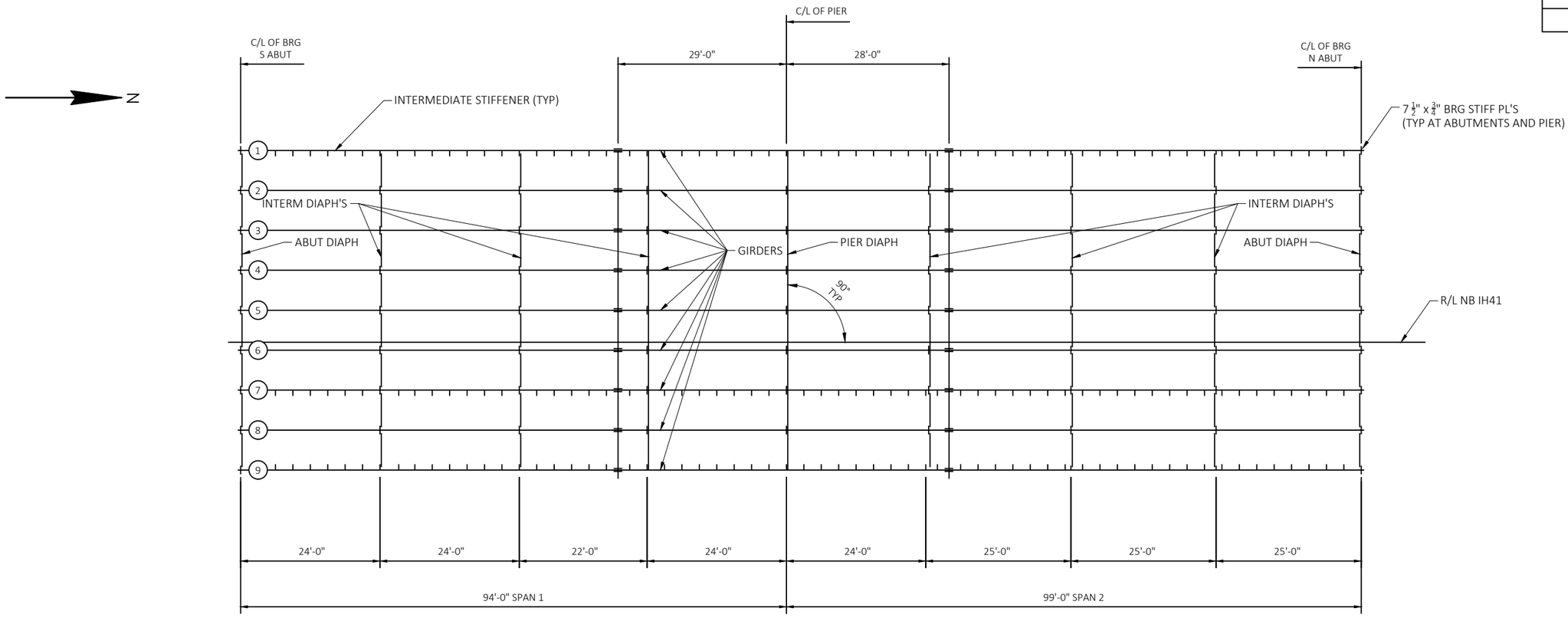
CROSS SECTION, QUANTITIES & NOTES

SHEET 2 OF 3

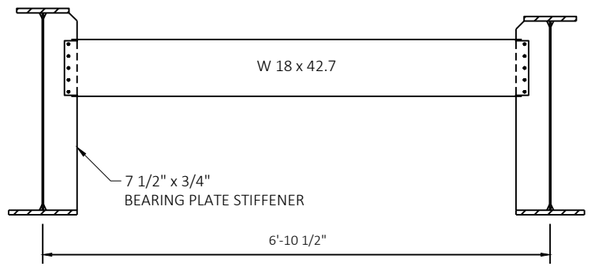
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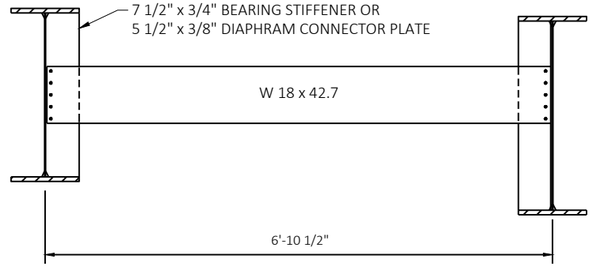
STATE PROJECT NUMBER
4075-40-71



FRAMING PLAN



ABUTMENT DIAPHRAGM



INTERMEDIATE DIAPHRAGM AND PIER DIAPHRAGM

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-44-0158

DRAWN BY MRC | PLANS CK'D

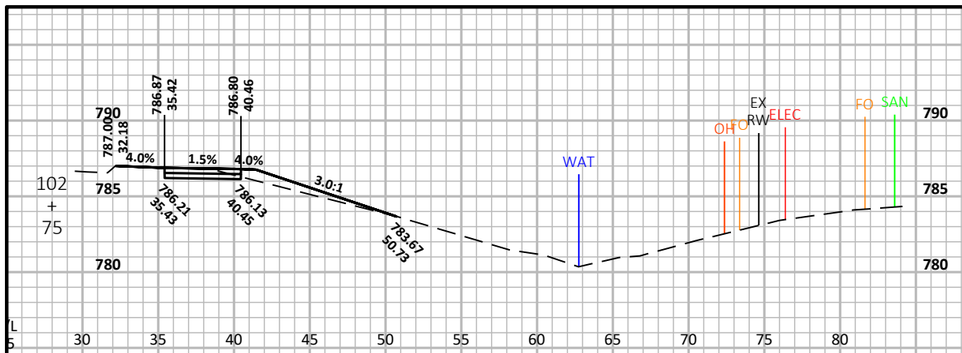
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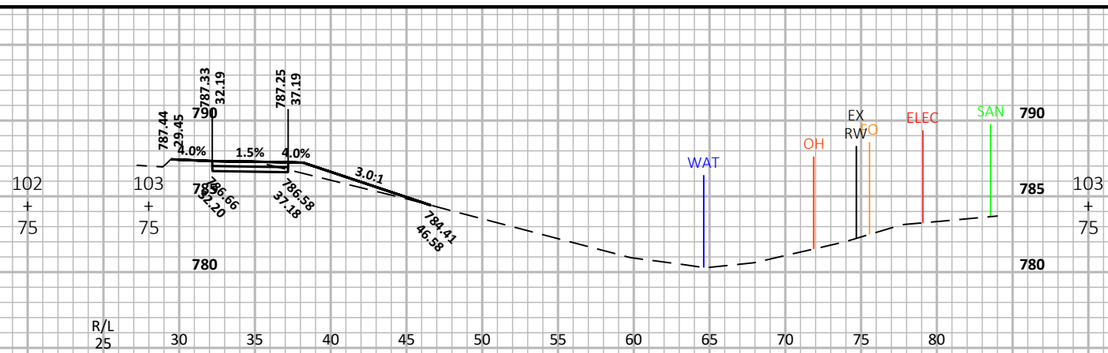
SHEET 3 OF 3

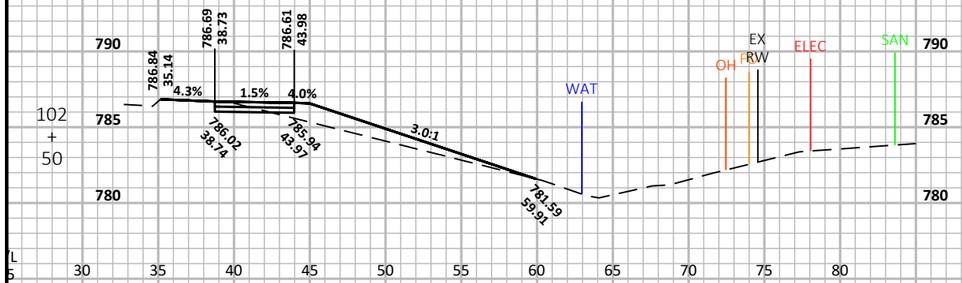
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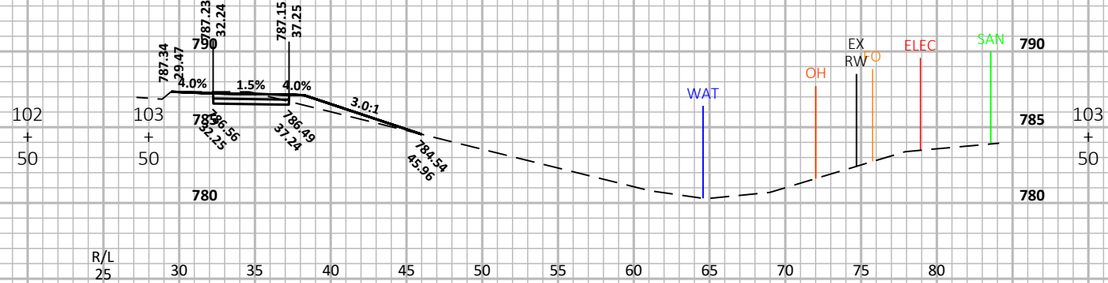
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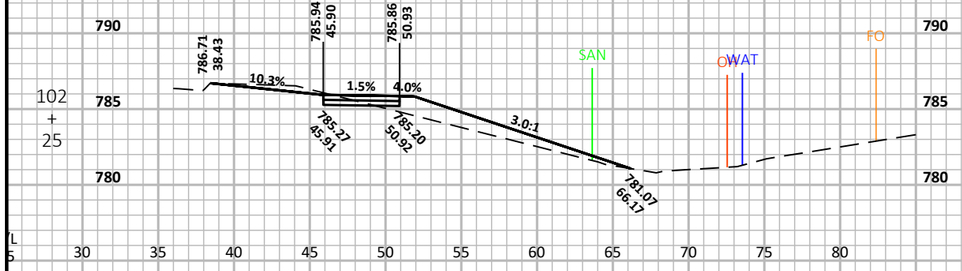
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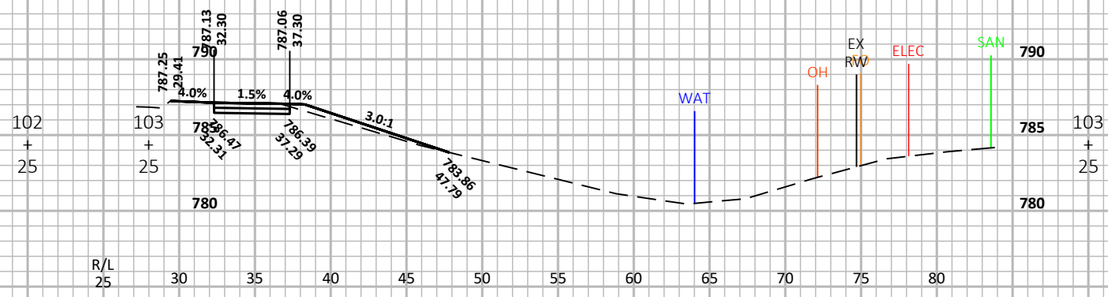


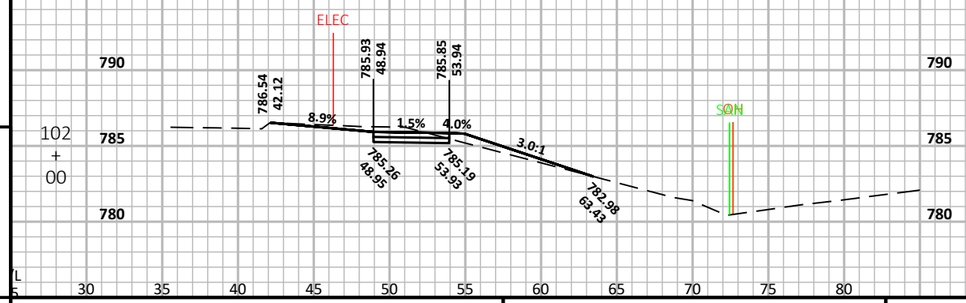


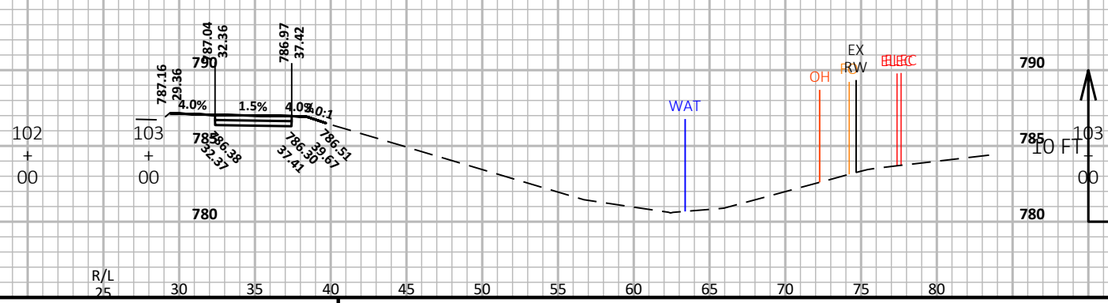


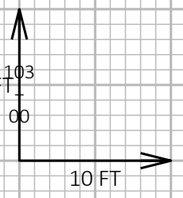












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

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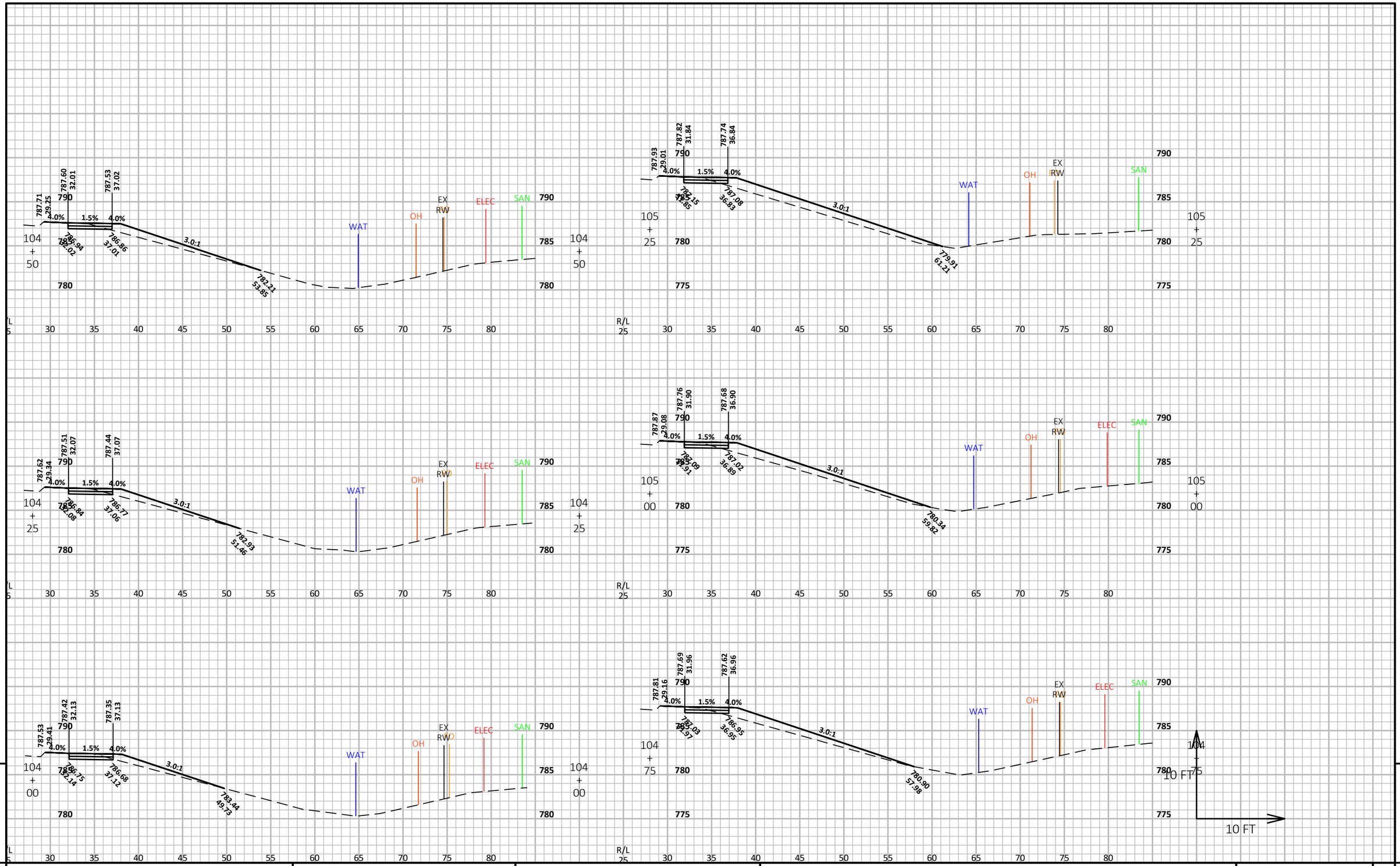
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PLOT BY : RYAN BETKER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

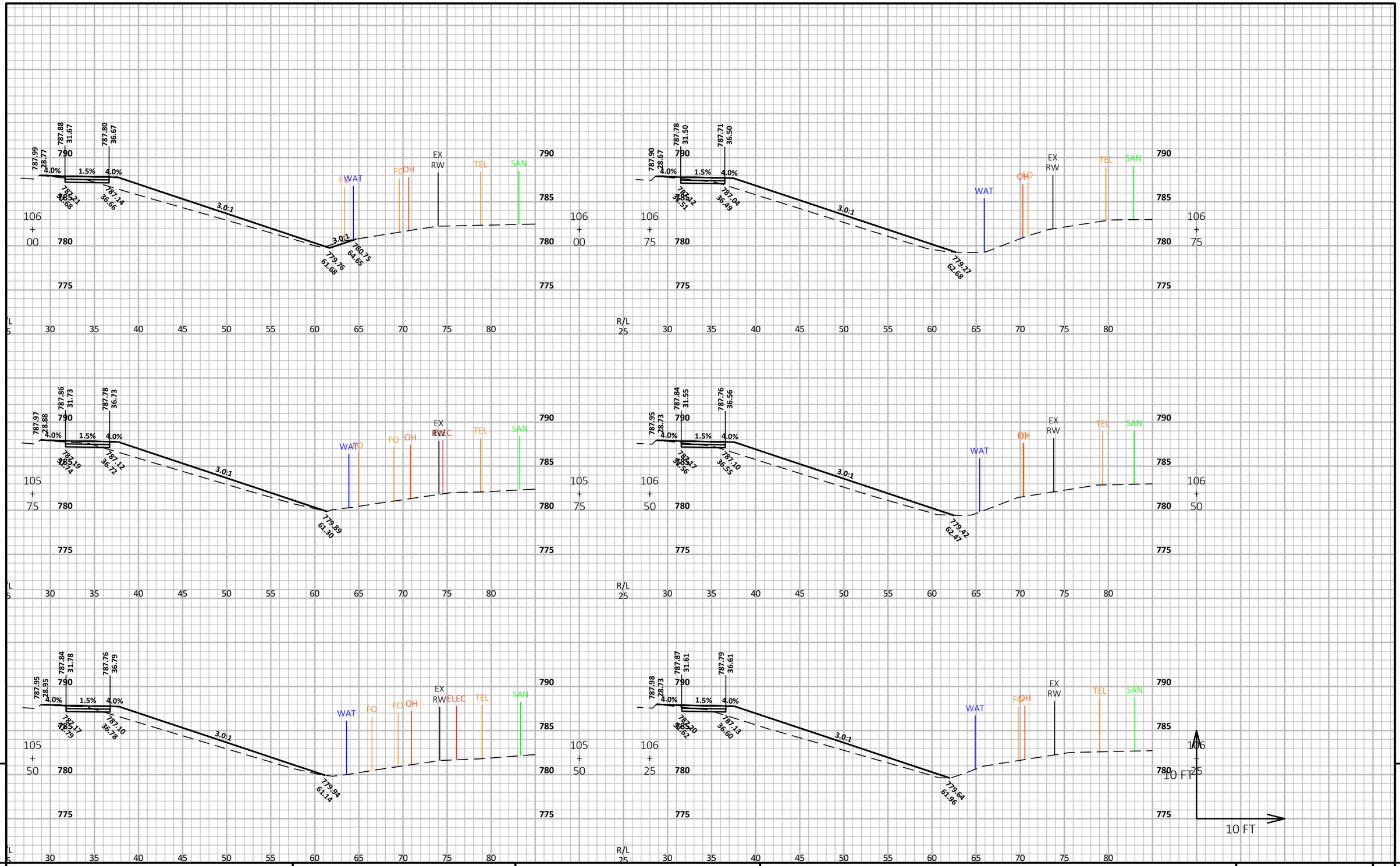
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PLOT BY : RYAN BETKER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

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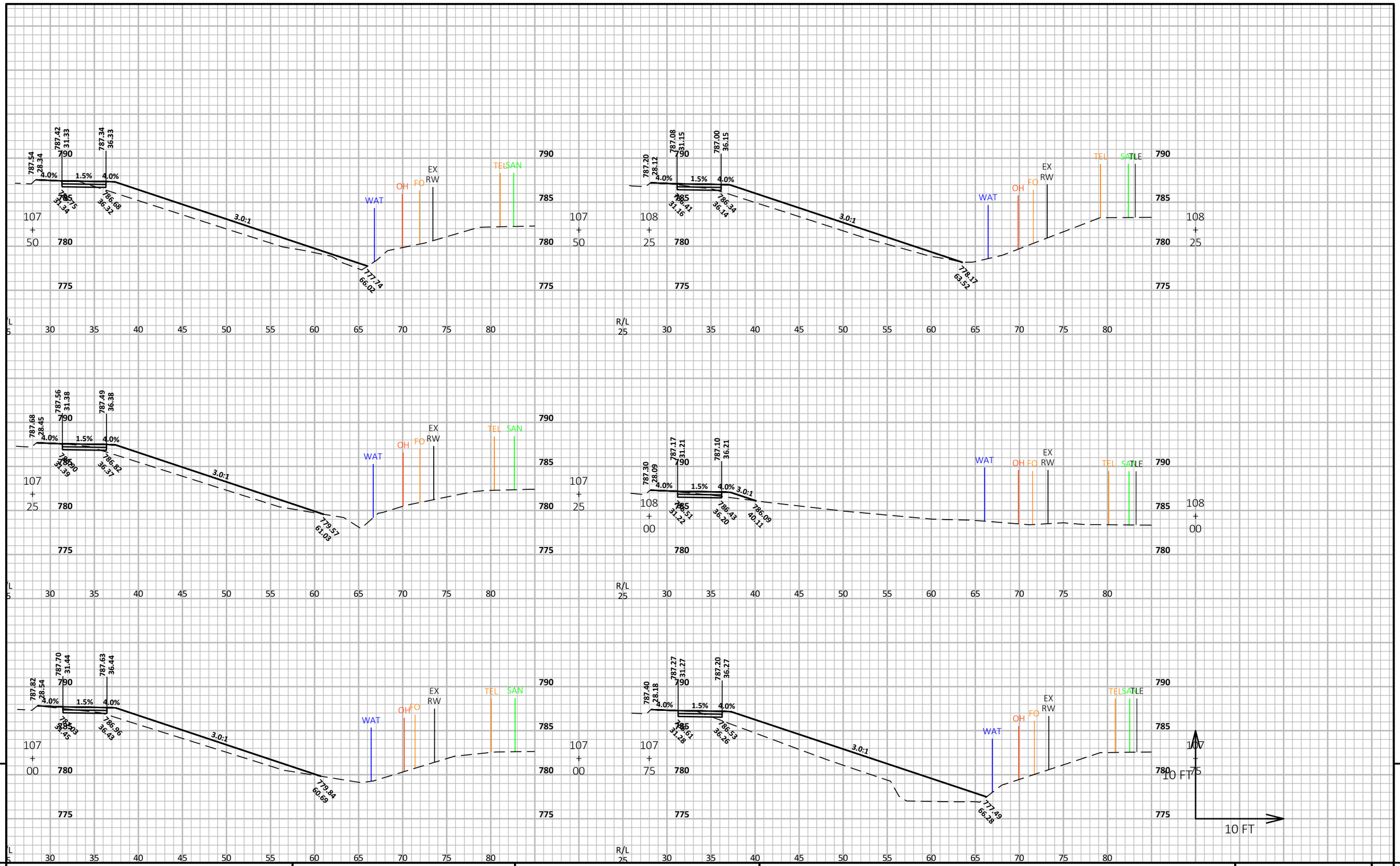
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PLOT BY : RYAN BETKER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

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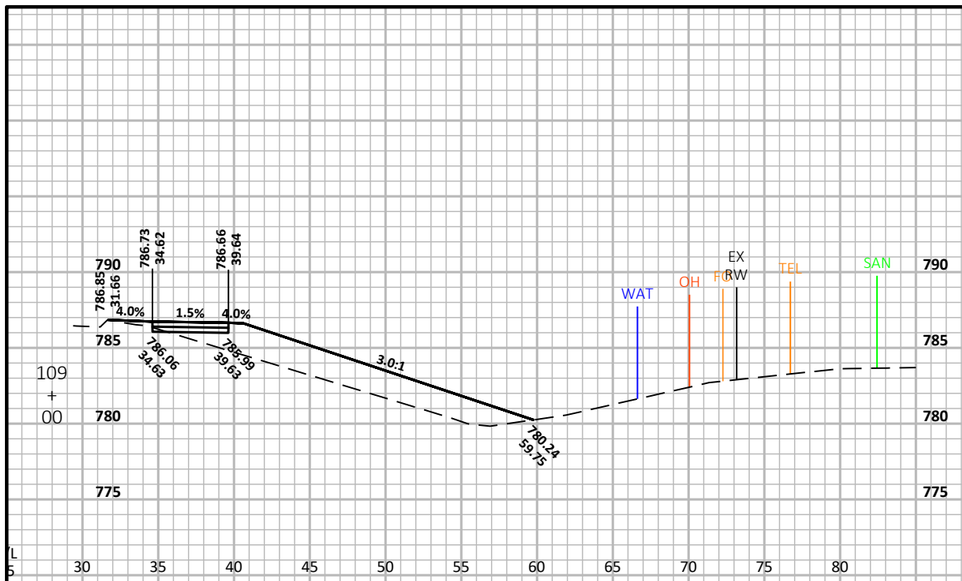
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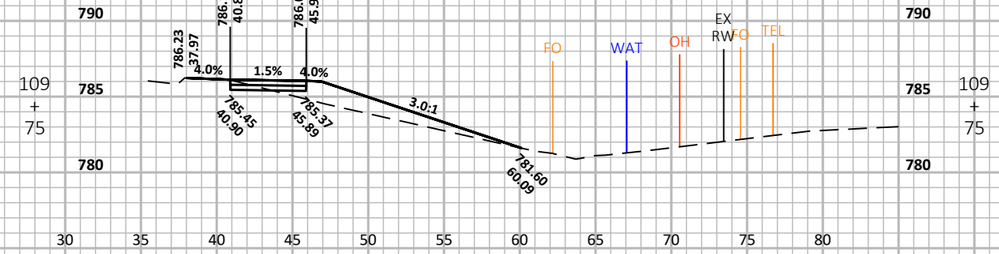
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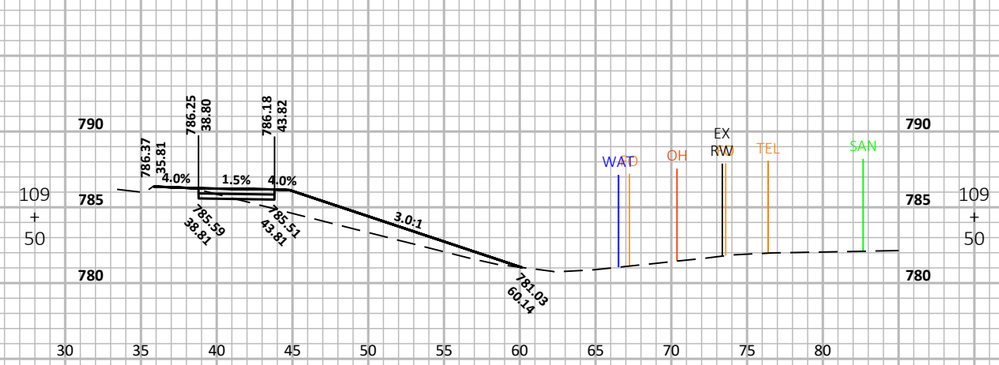
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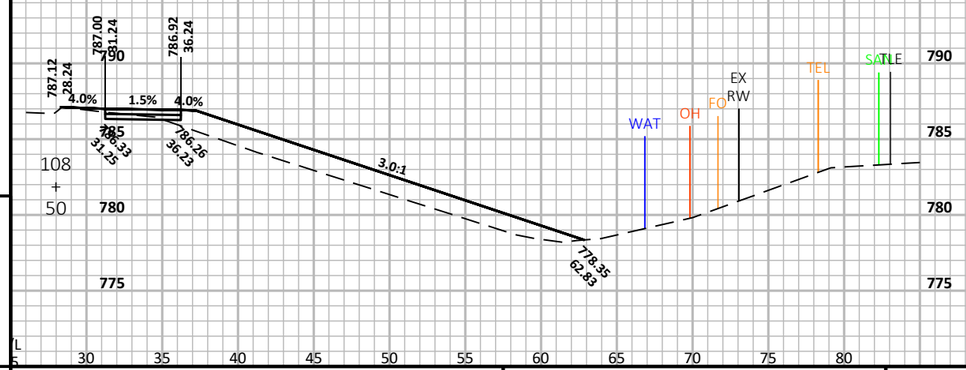
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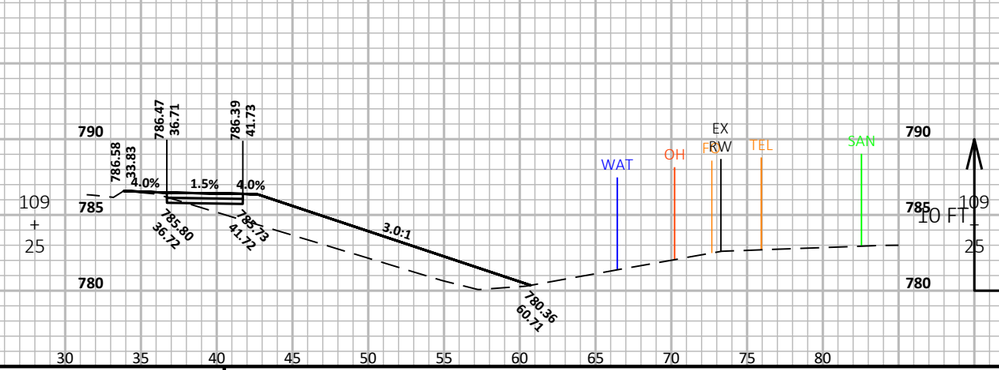












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

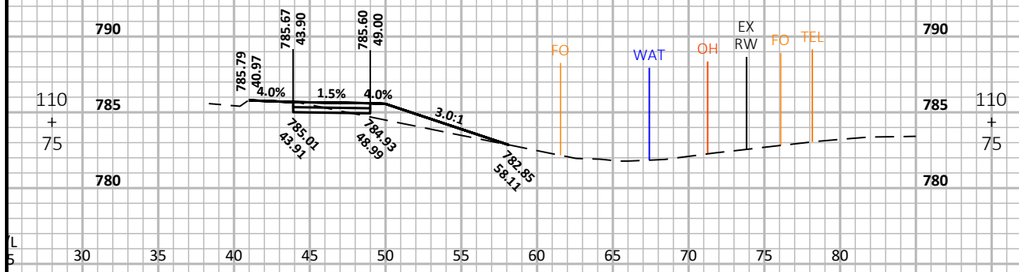
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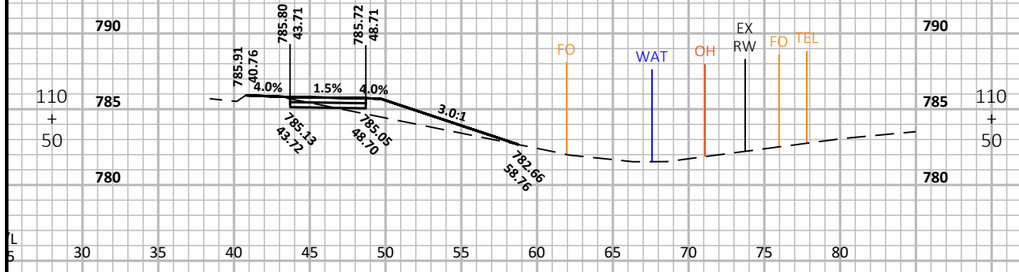
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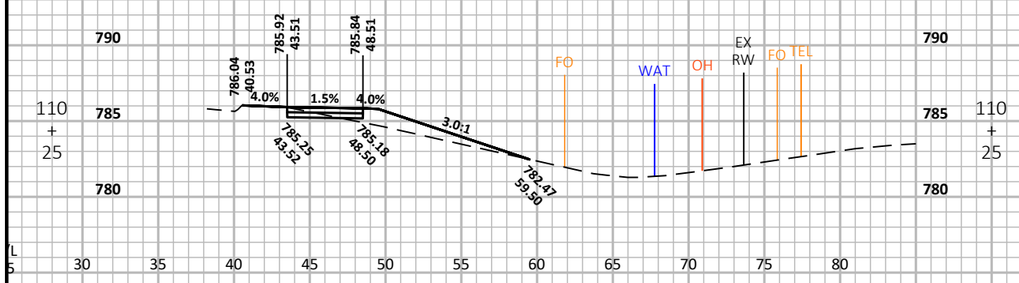
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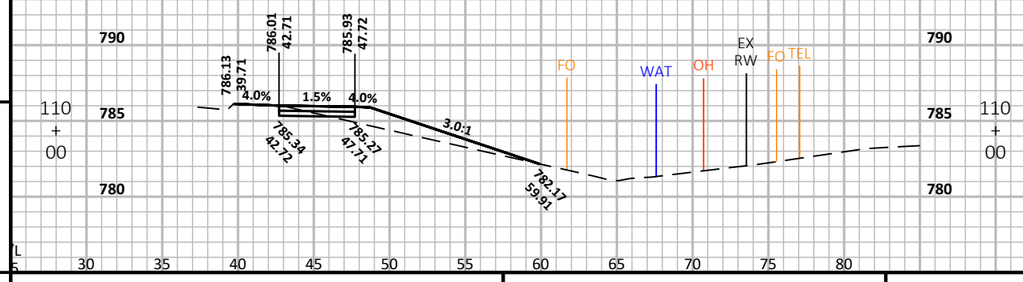
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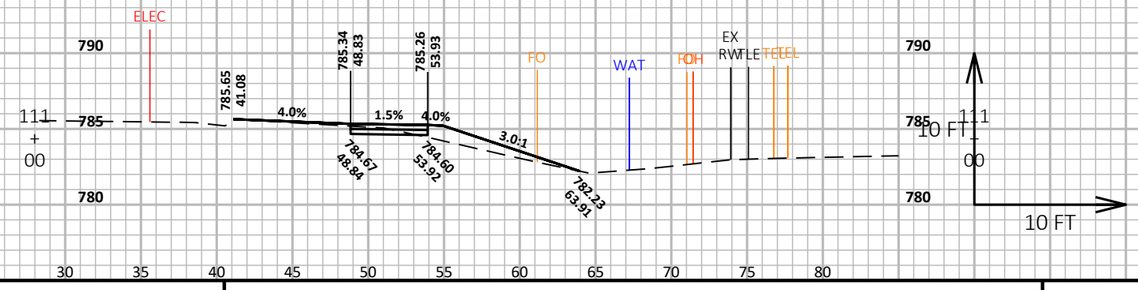
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.











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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

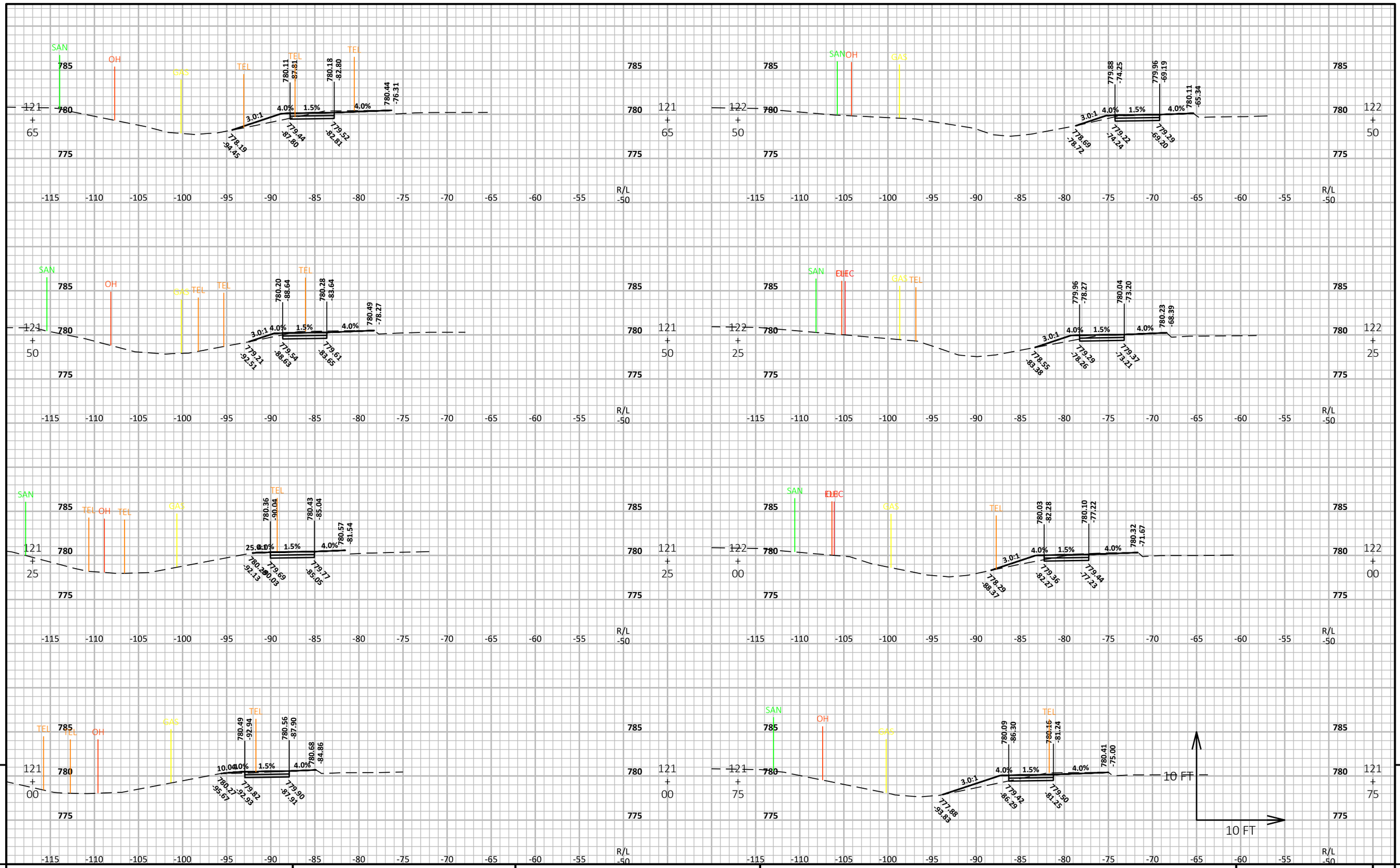
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PLOT BY : RYAN BETKER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

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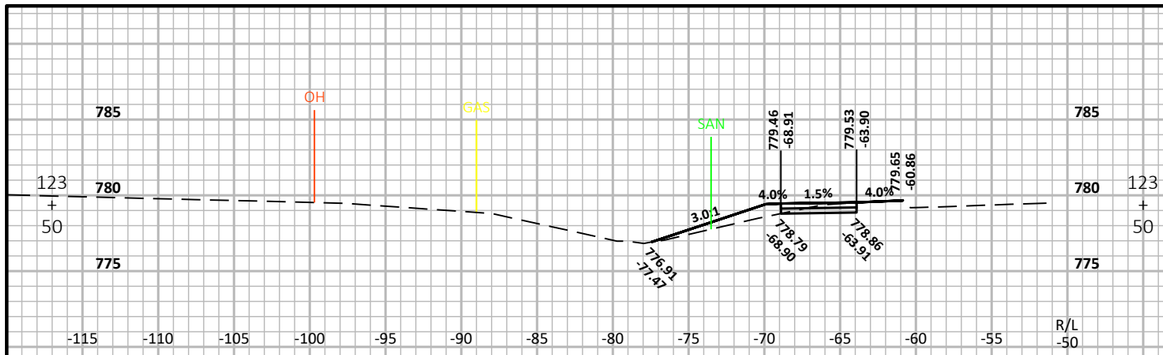
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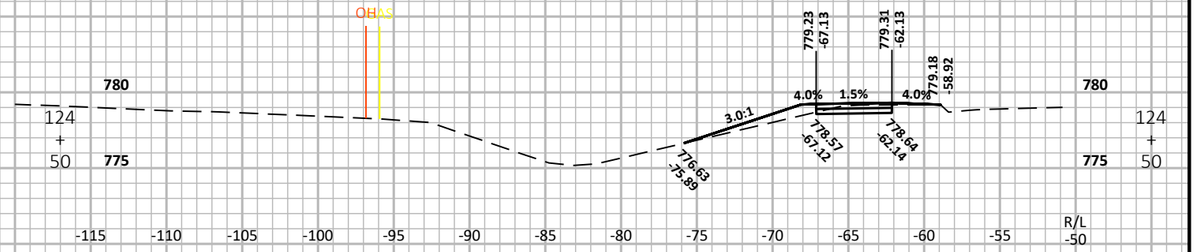
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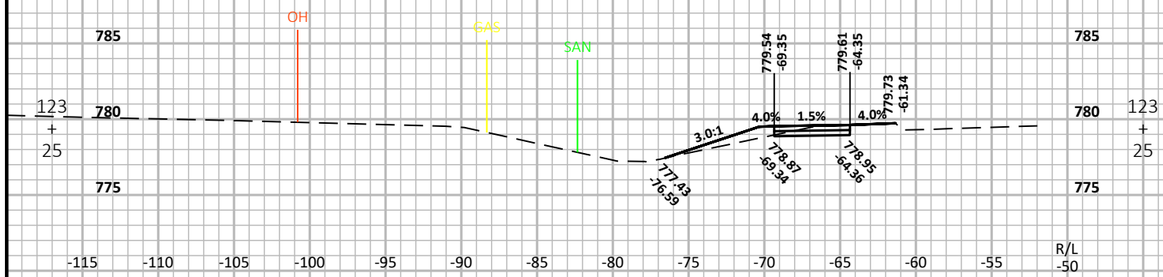
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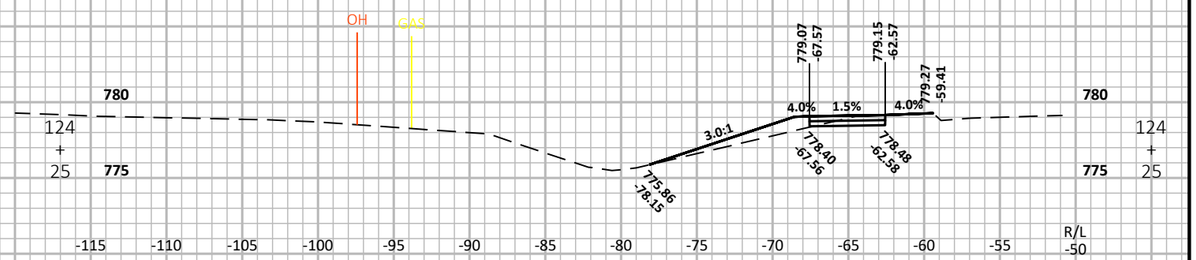
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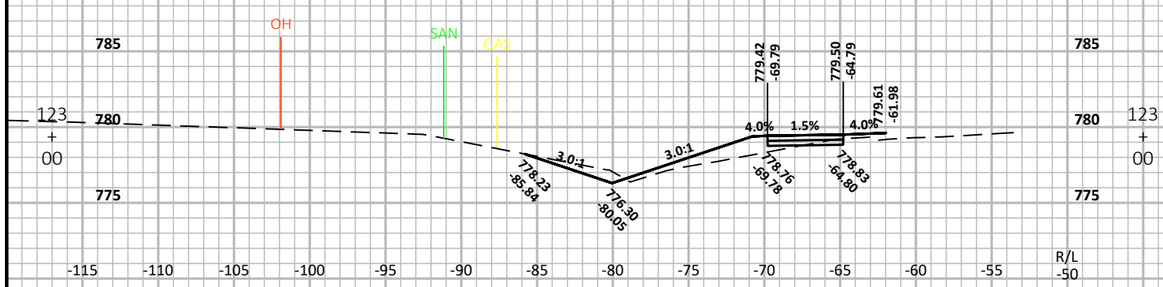
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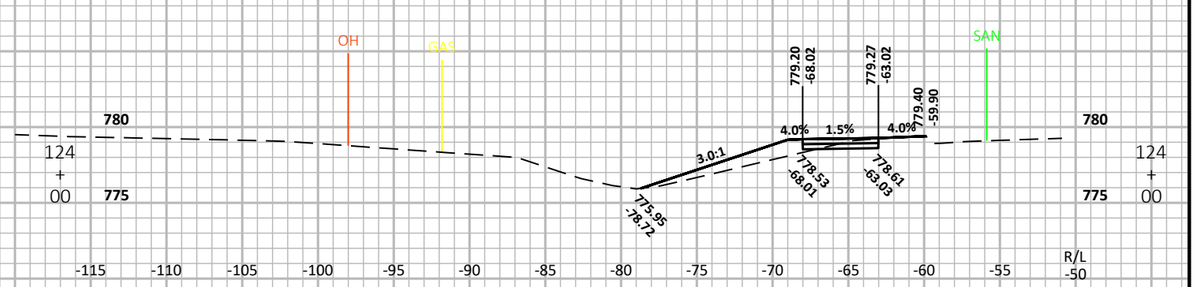


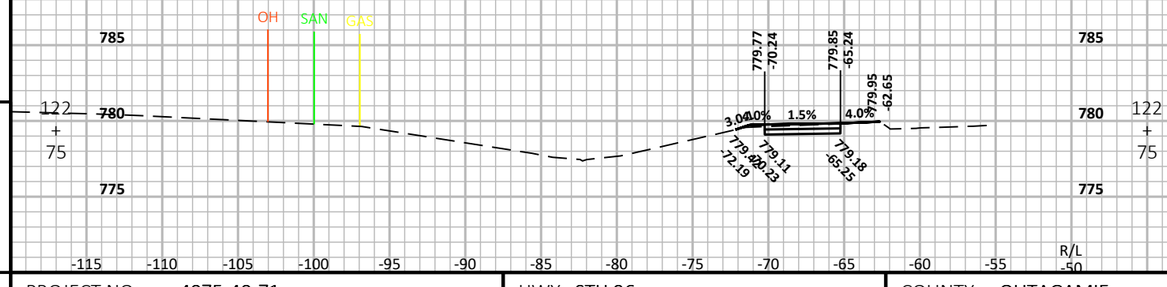


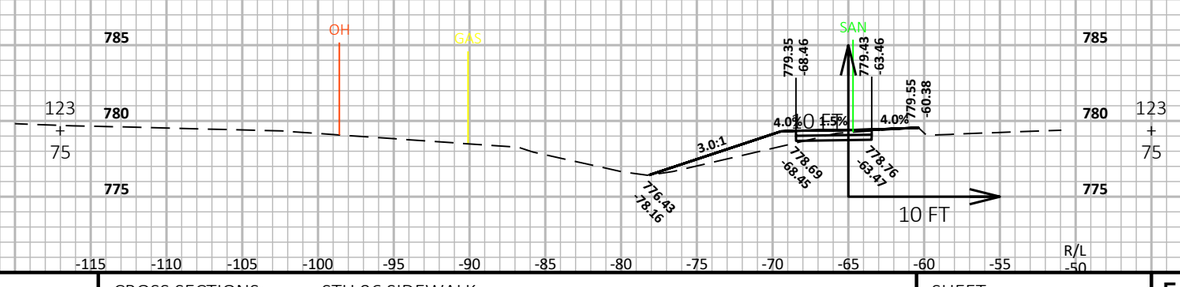












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

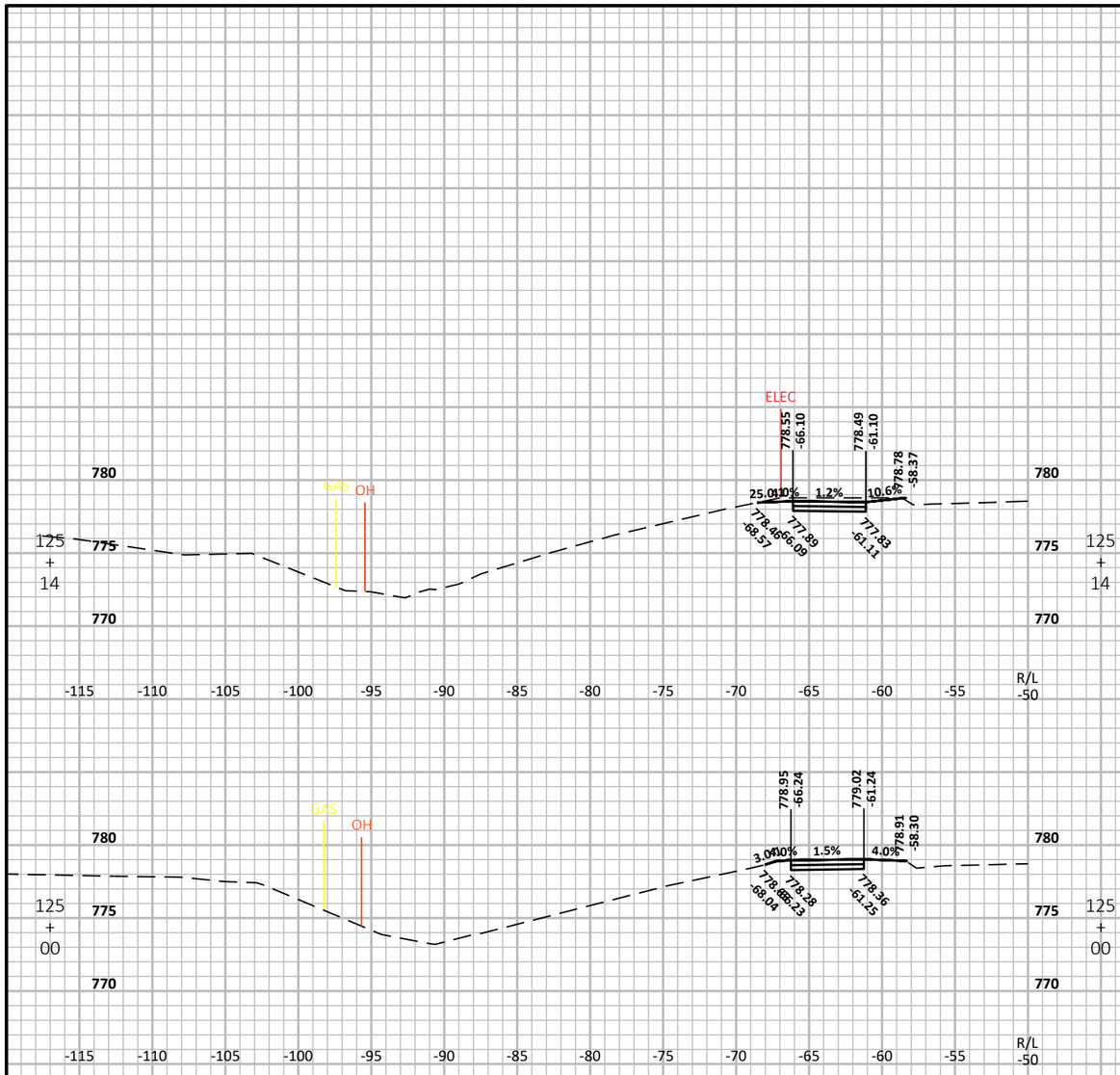
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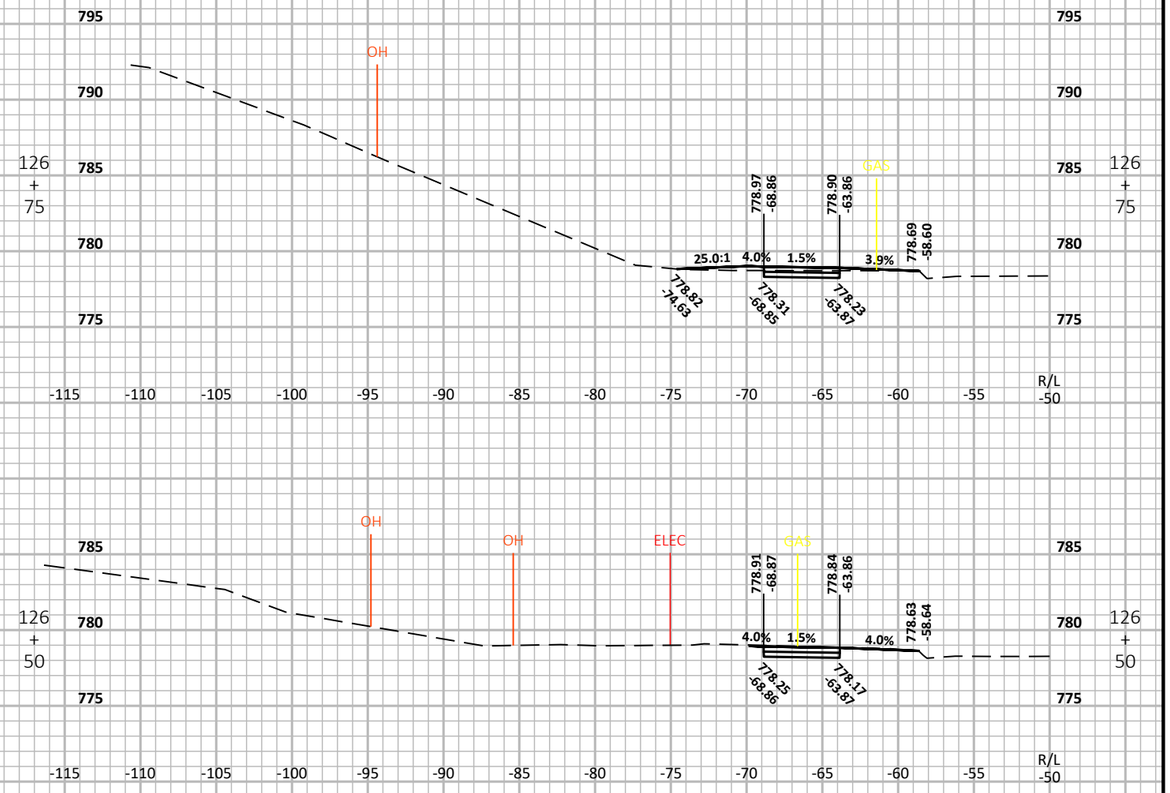
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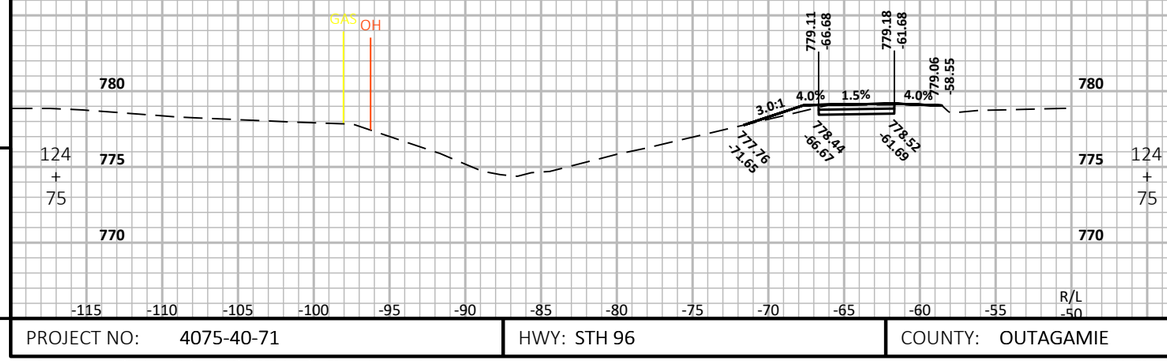
PLOT BY : RYAN BETKER

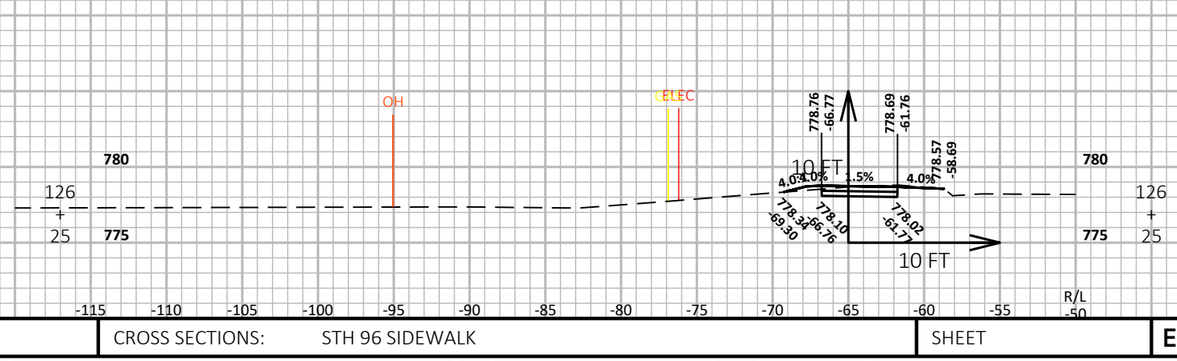
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.









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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

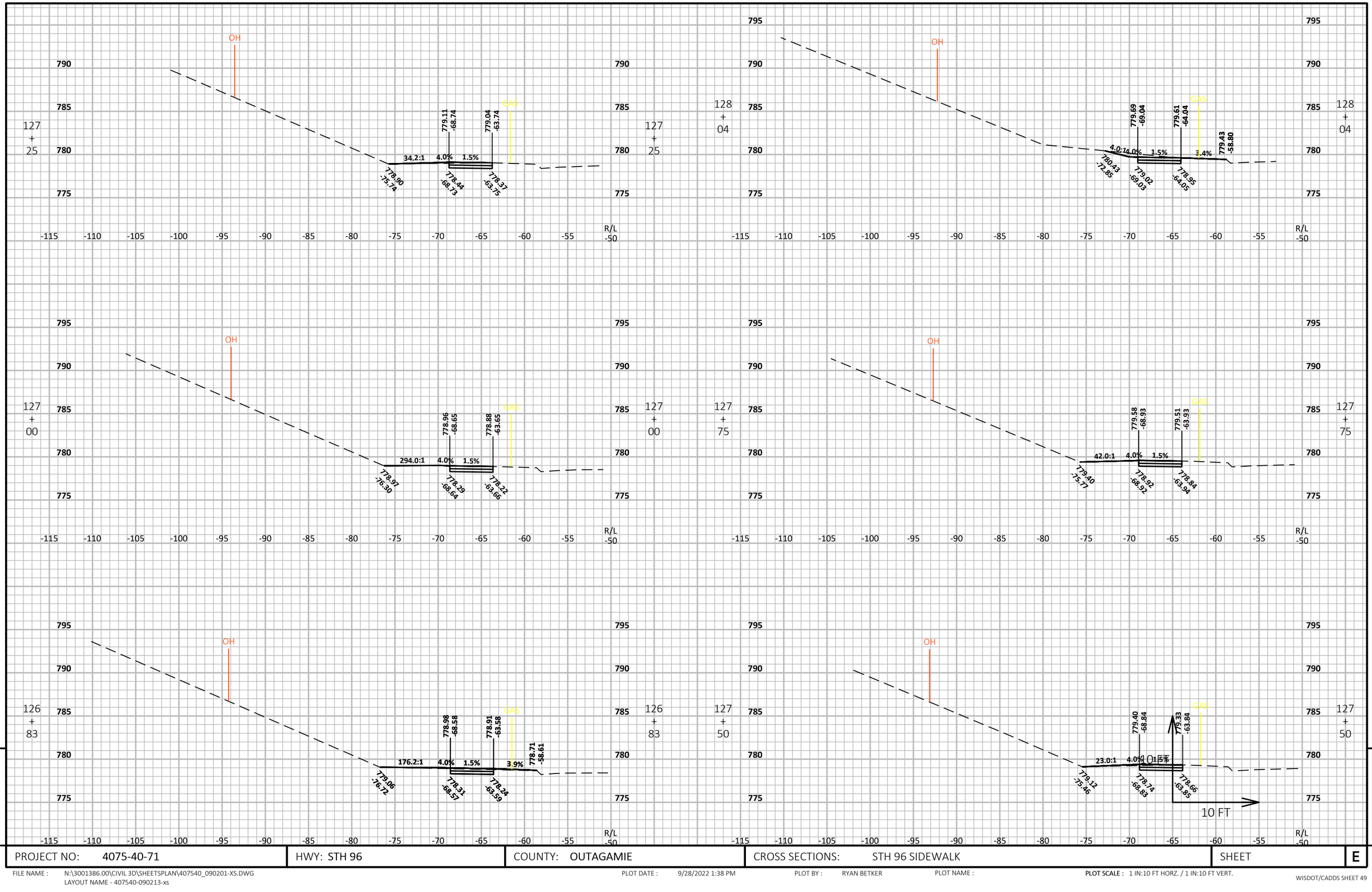
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PLOT DATE : 9/28/2022 1:37 PM

PLOT BY : RYAN BETKER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

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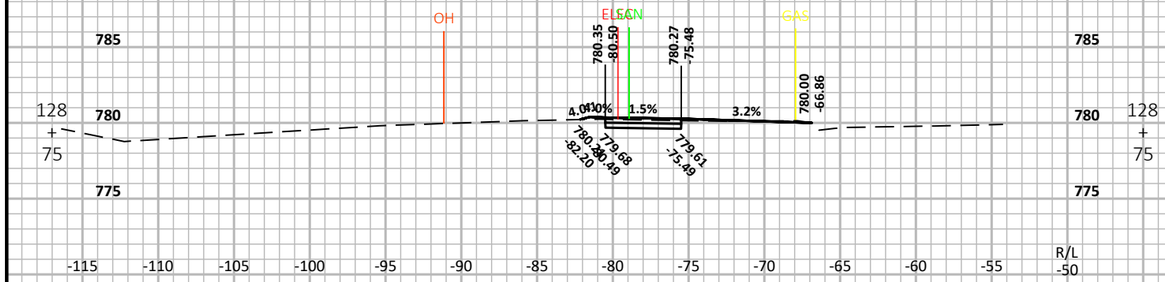
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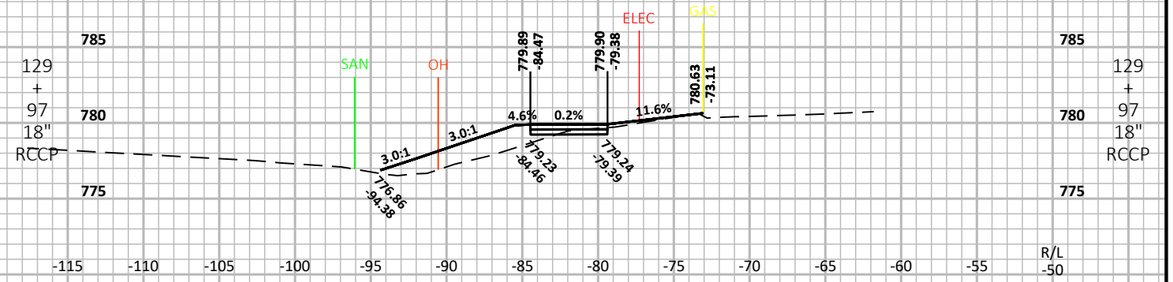
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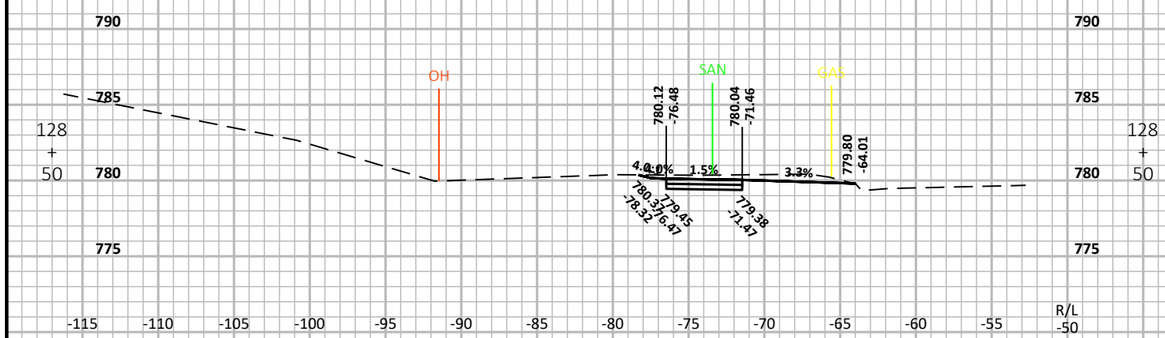
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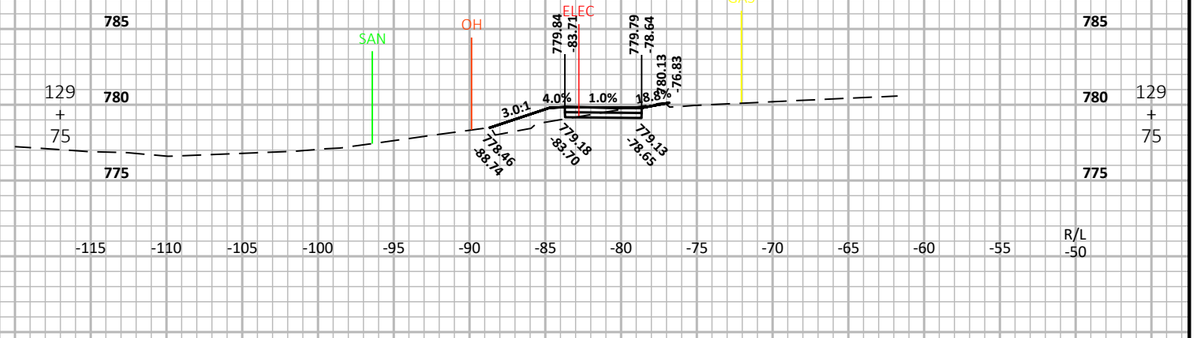
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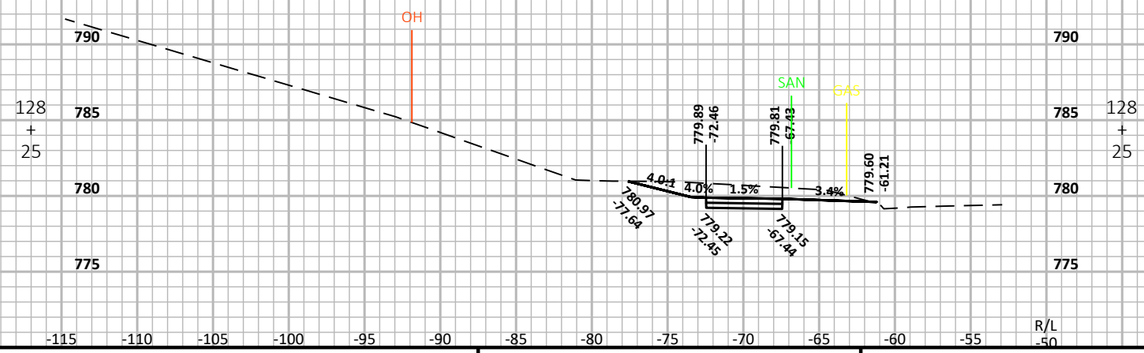
WISDOT/CADDS SHEET 49

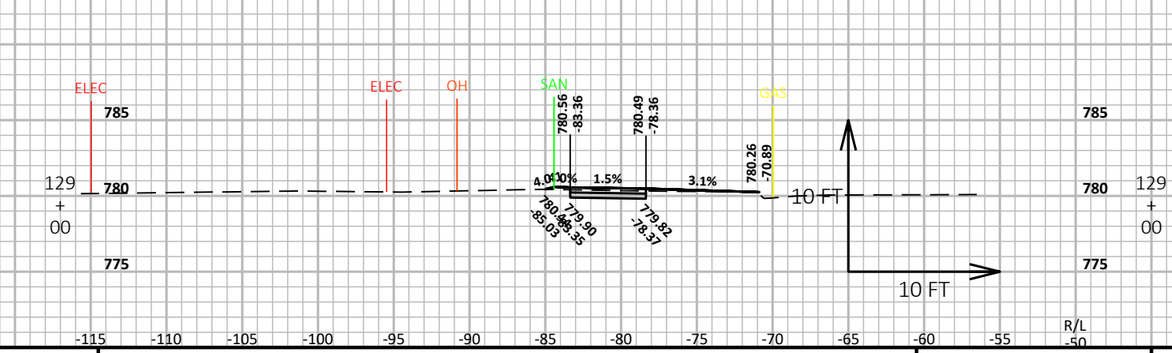










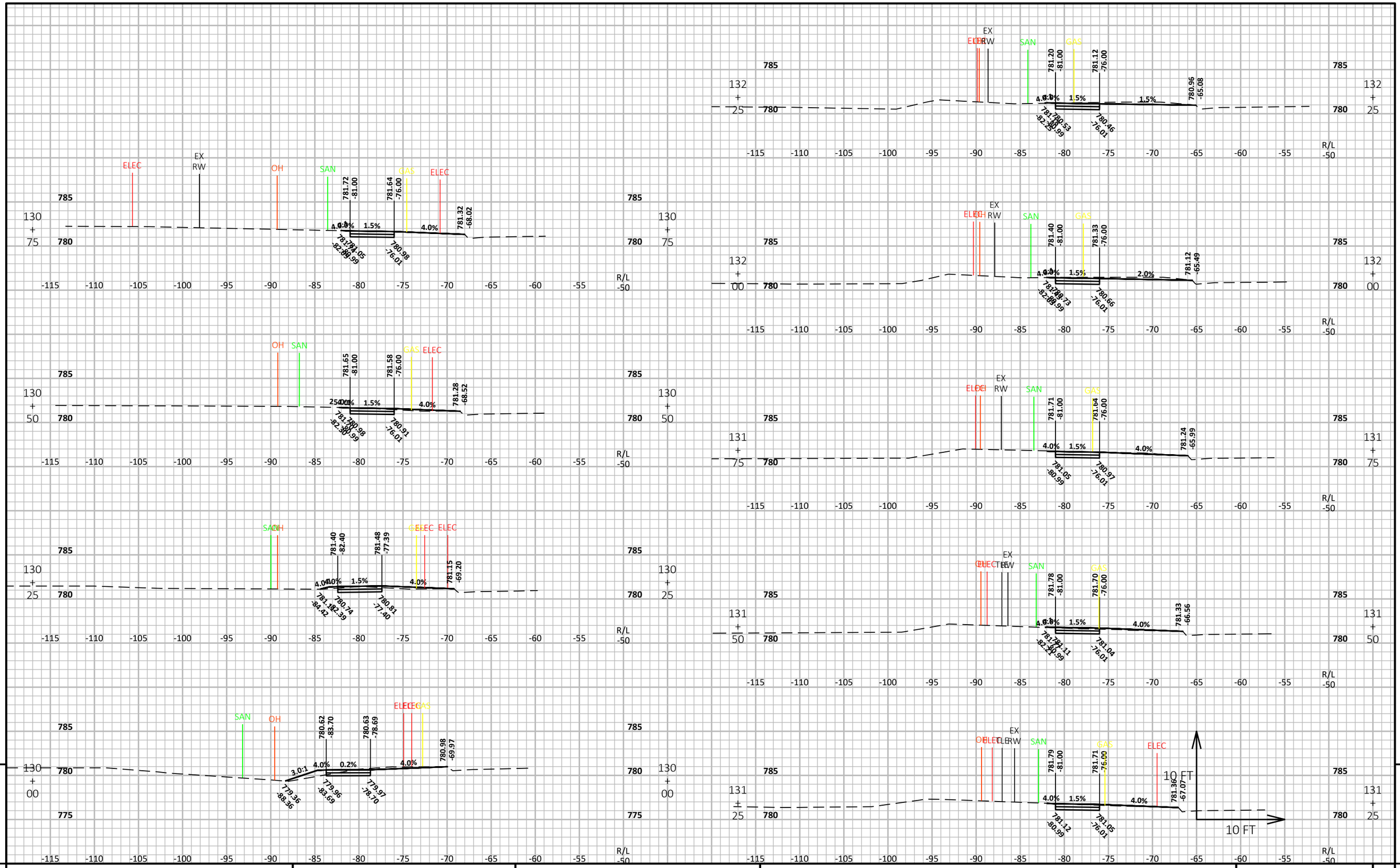


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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

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PLOT DATE : 9/28/2022 1:38 PM PLOT BY : RYAN BETKER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

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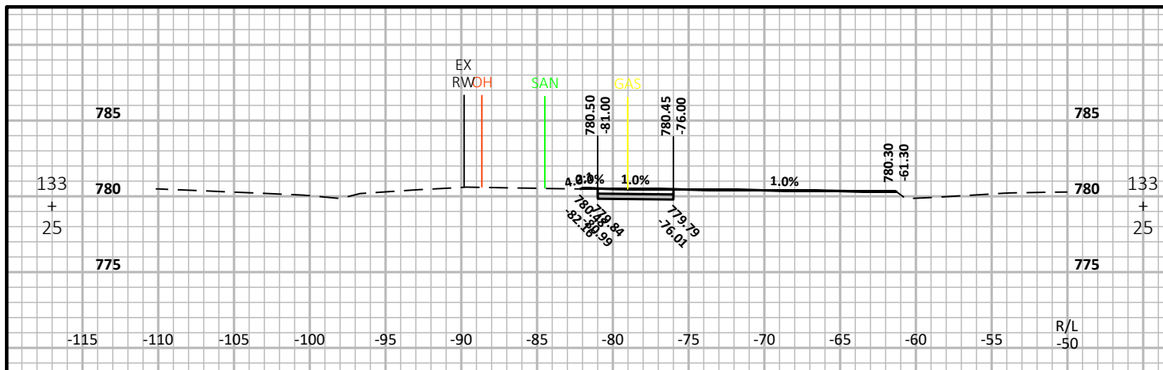
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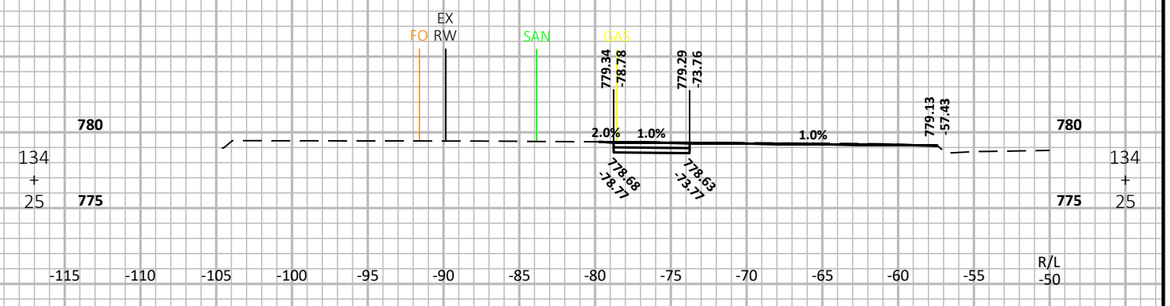
PLOT BY : RYAN BETKER

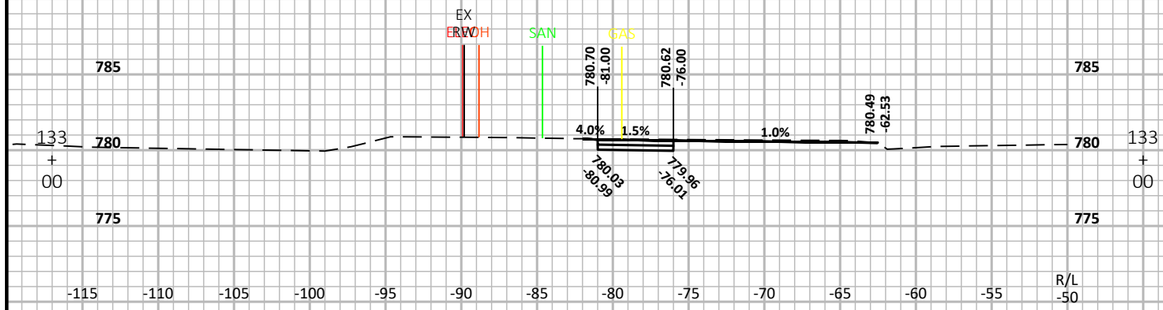
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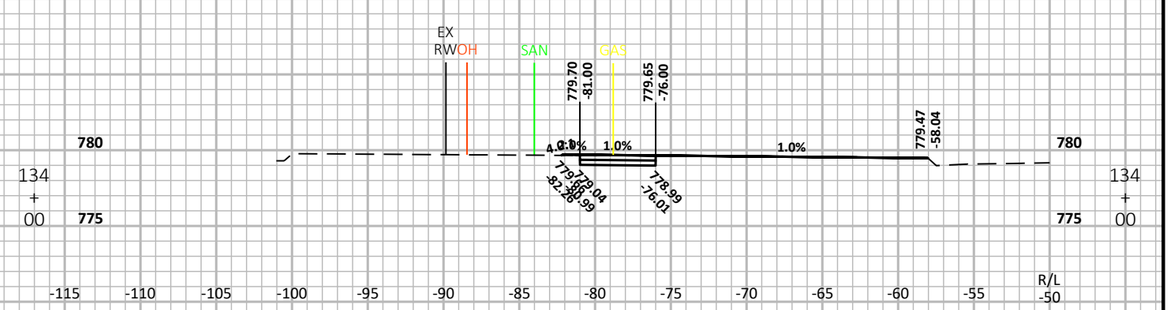
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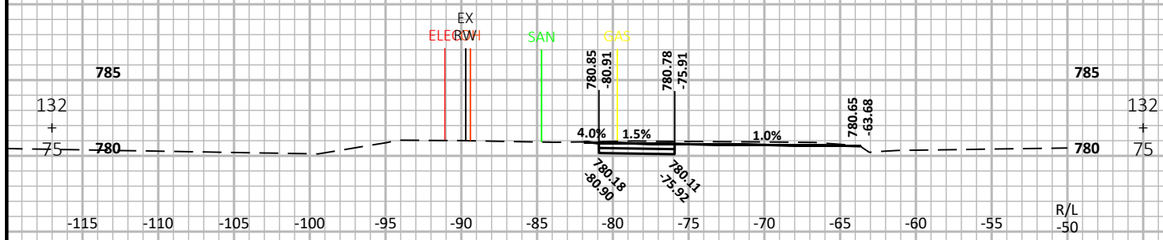
WISDOT/CADDS SHEET 49

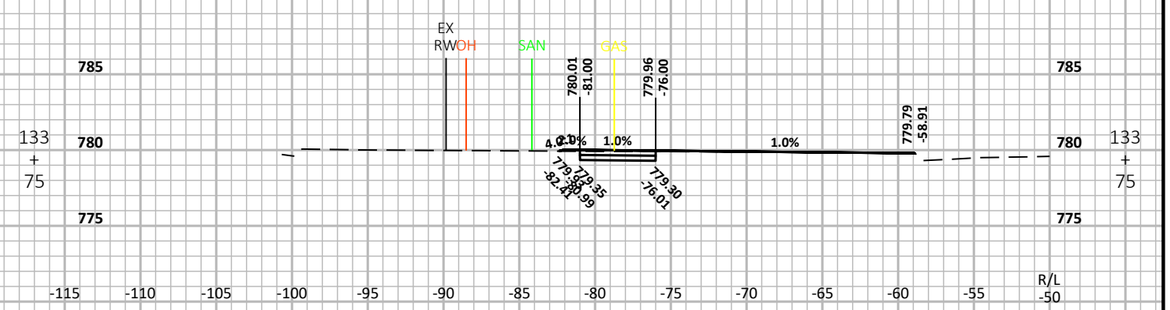


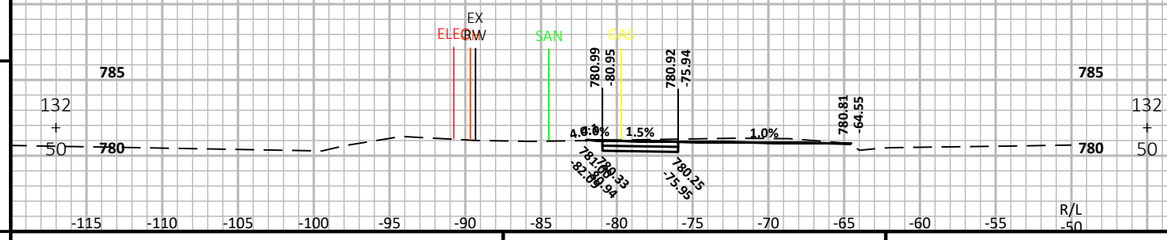


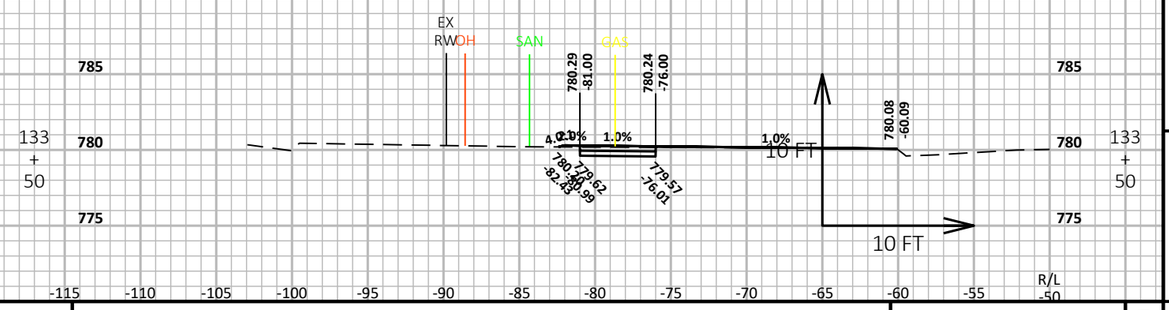












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090216-xs

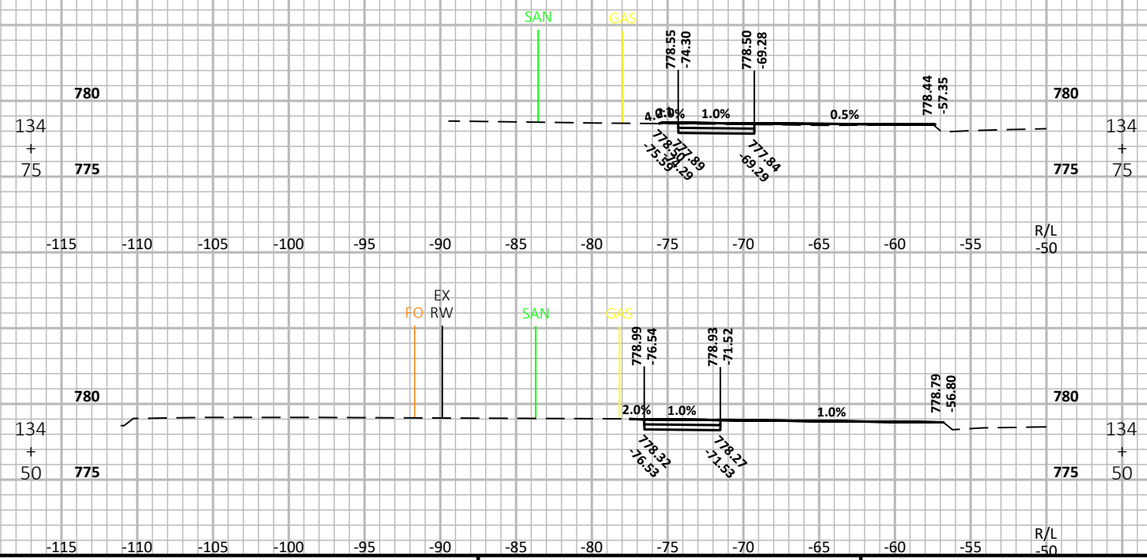
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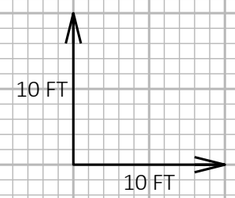
PLOT BY : RYAN BETKER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

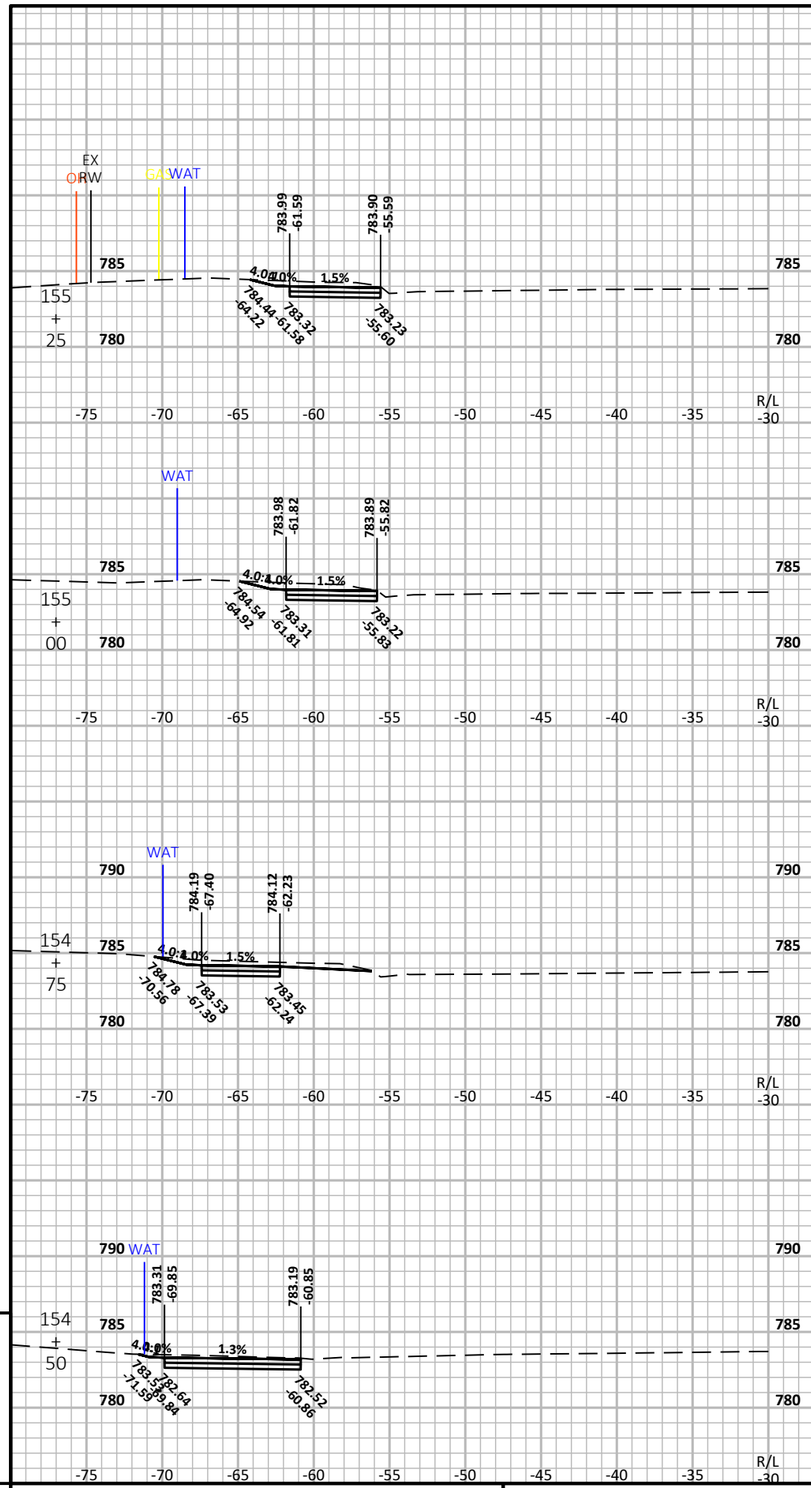
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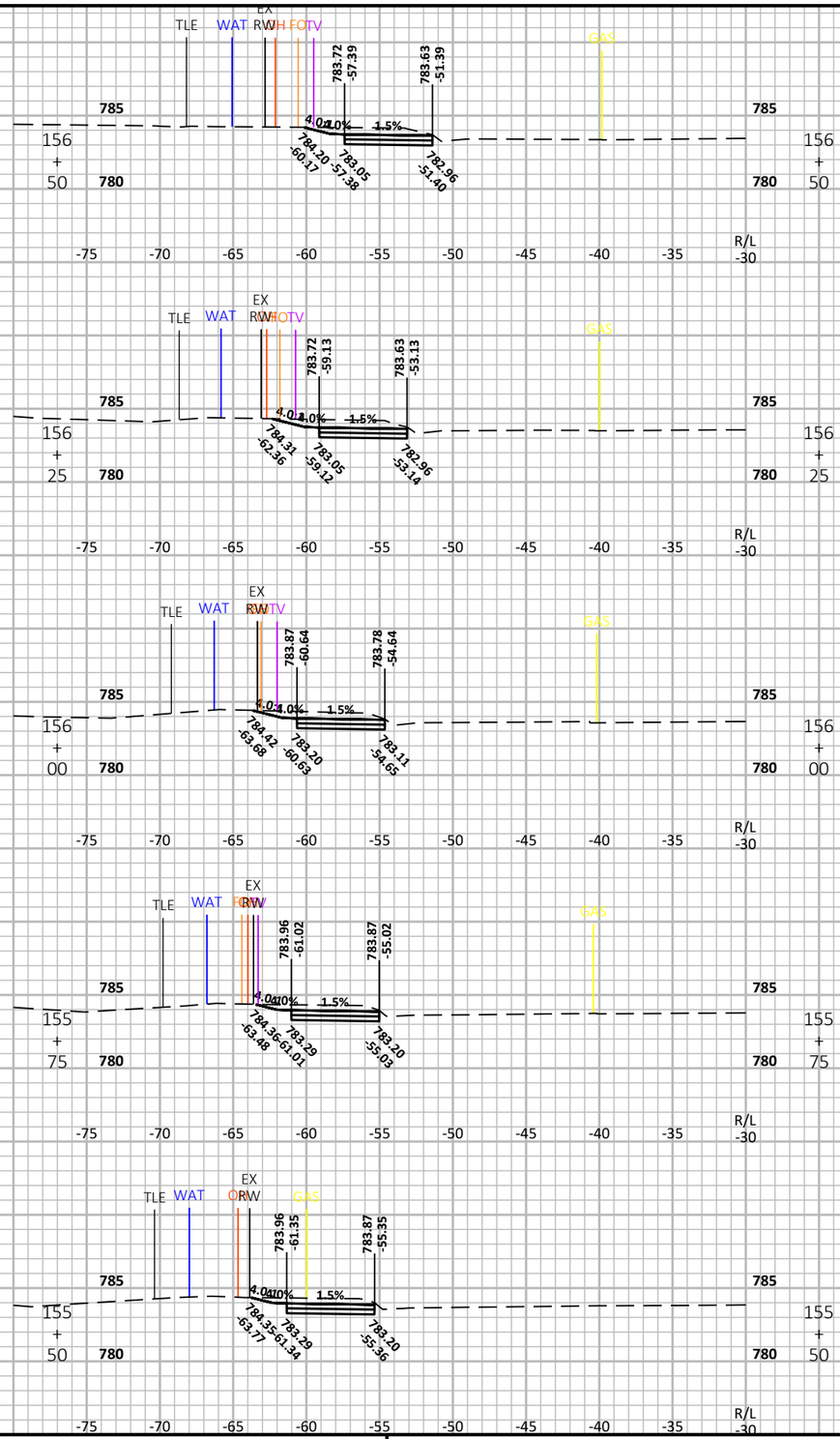
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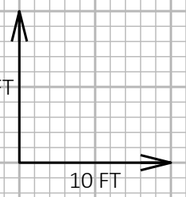
PLOT BY : RYAN BETKER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.







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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

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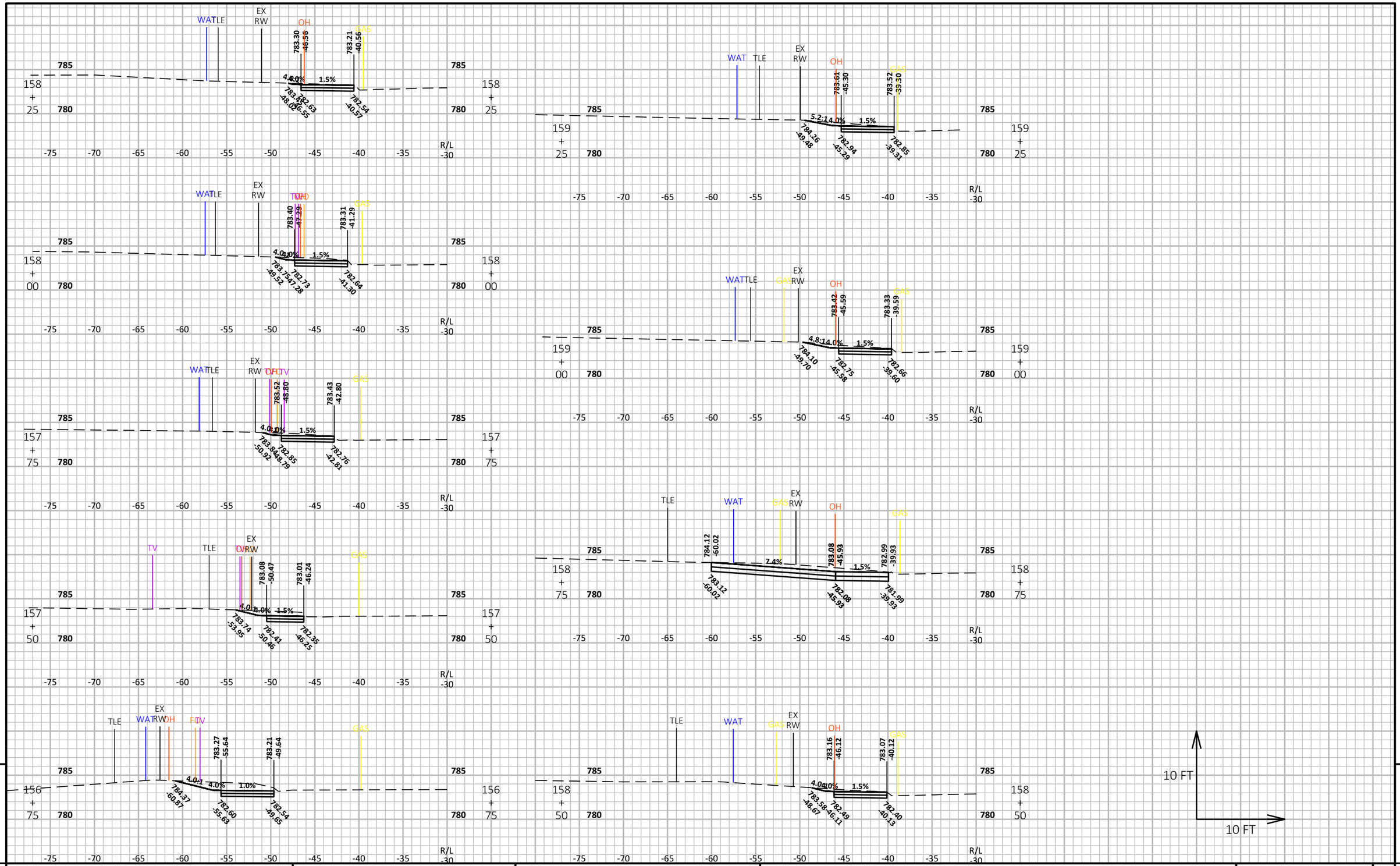
PLOT DATE : 9/28/2022 1:39 PM

PLOT BY : RYAN BETKER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090221-xs

PLOT DATE : 9/28/2022 1:39 PM

PLOT BY : RYAN BETKER

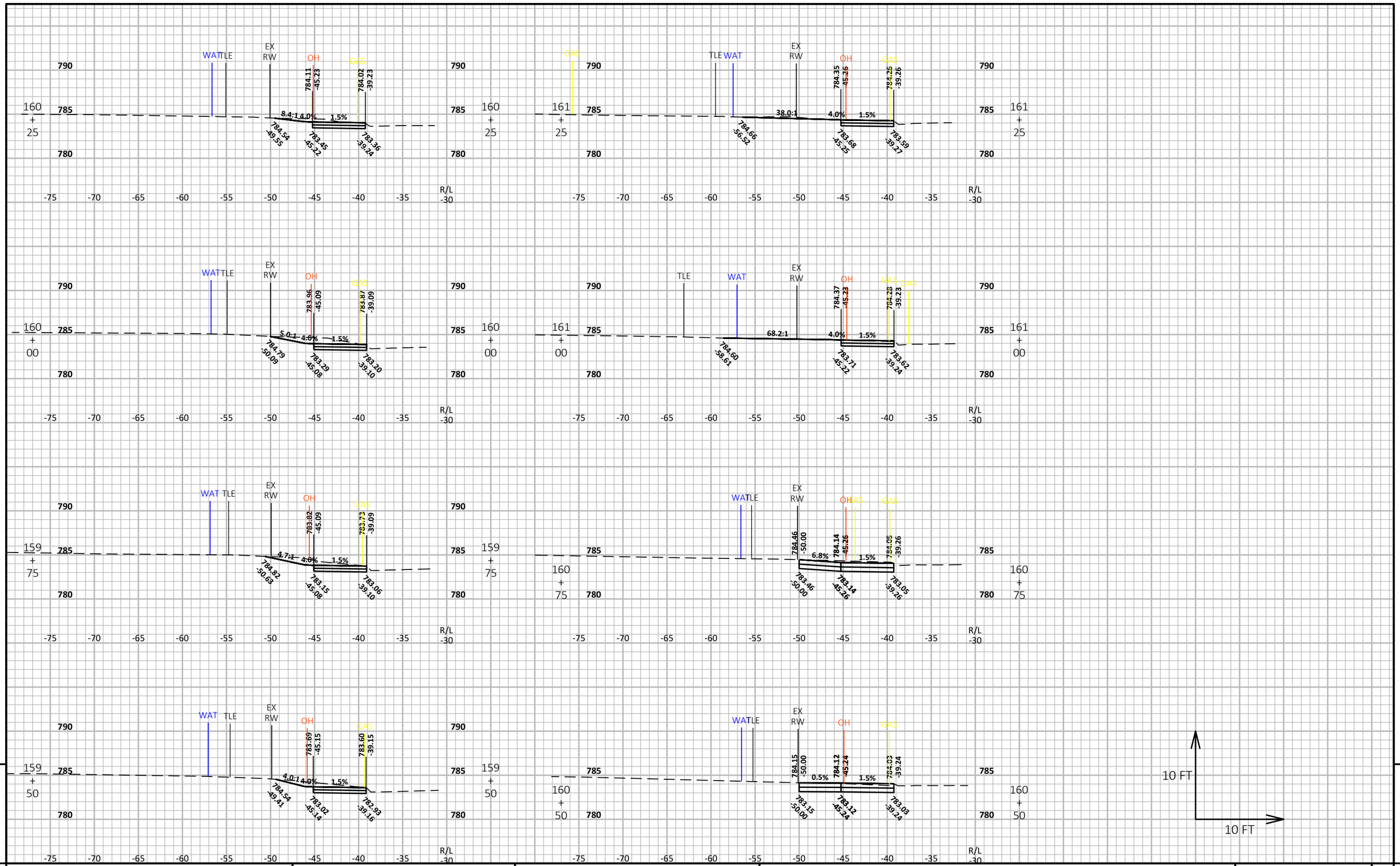
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

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LAYOUT NAME - 407540-090222-xs

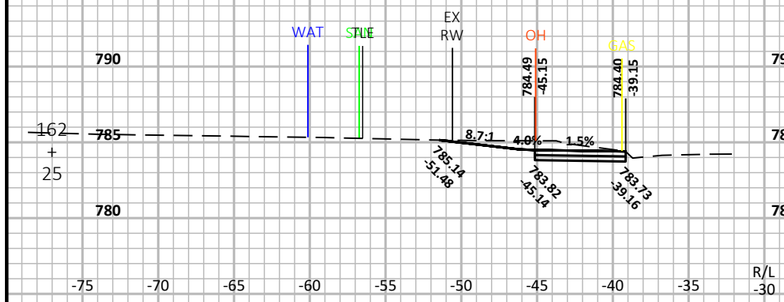
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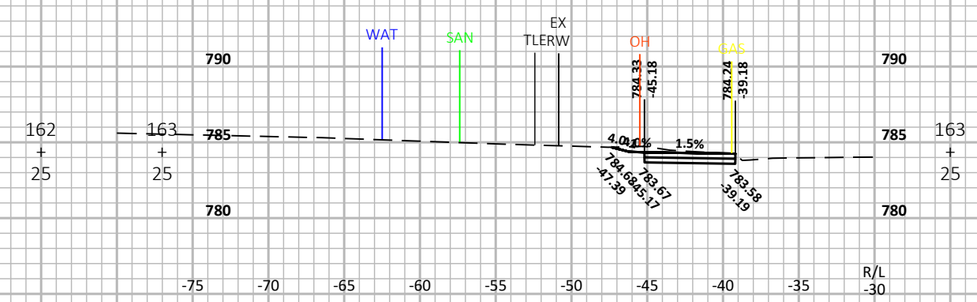
PLOT BY : RYAN BETKER

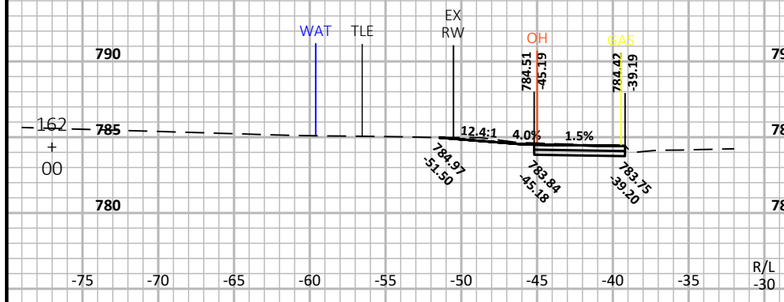
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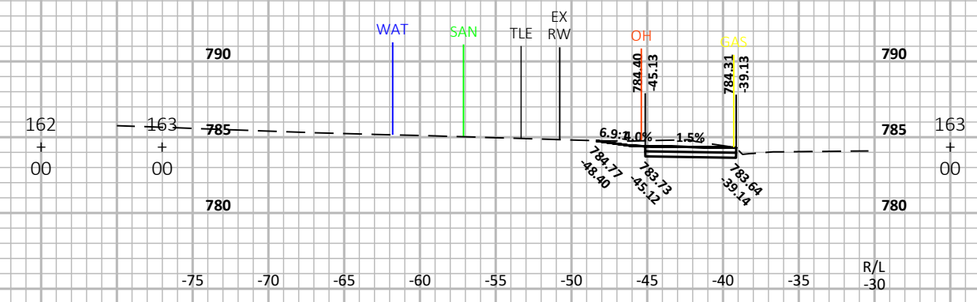
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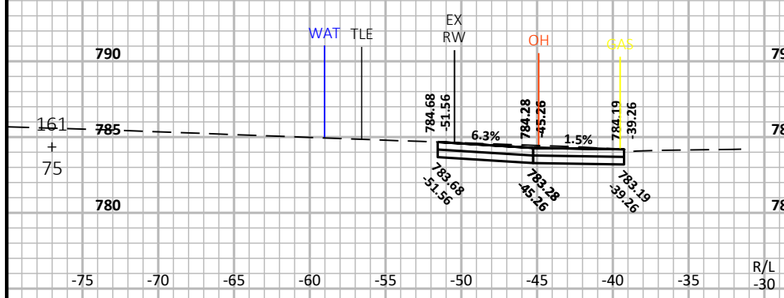
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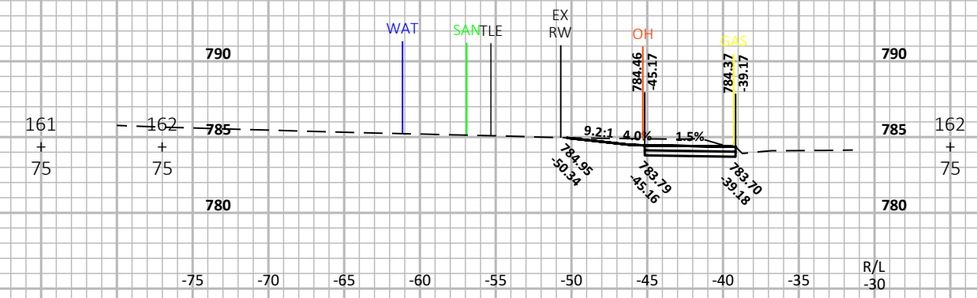




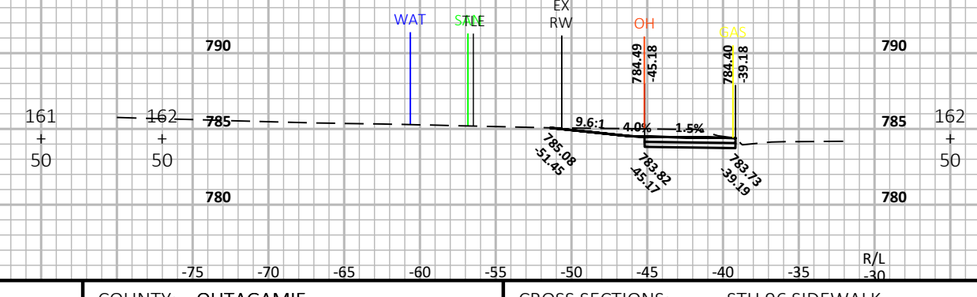


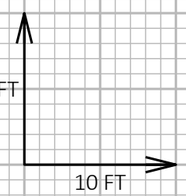












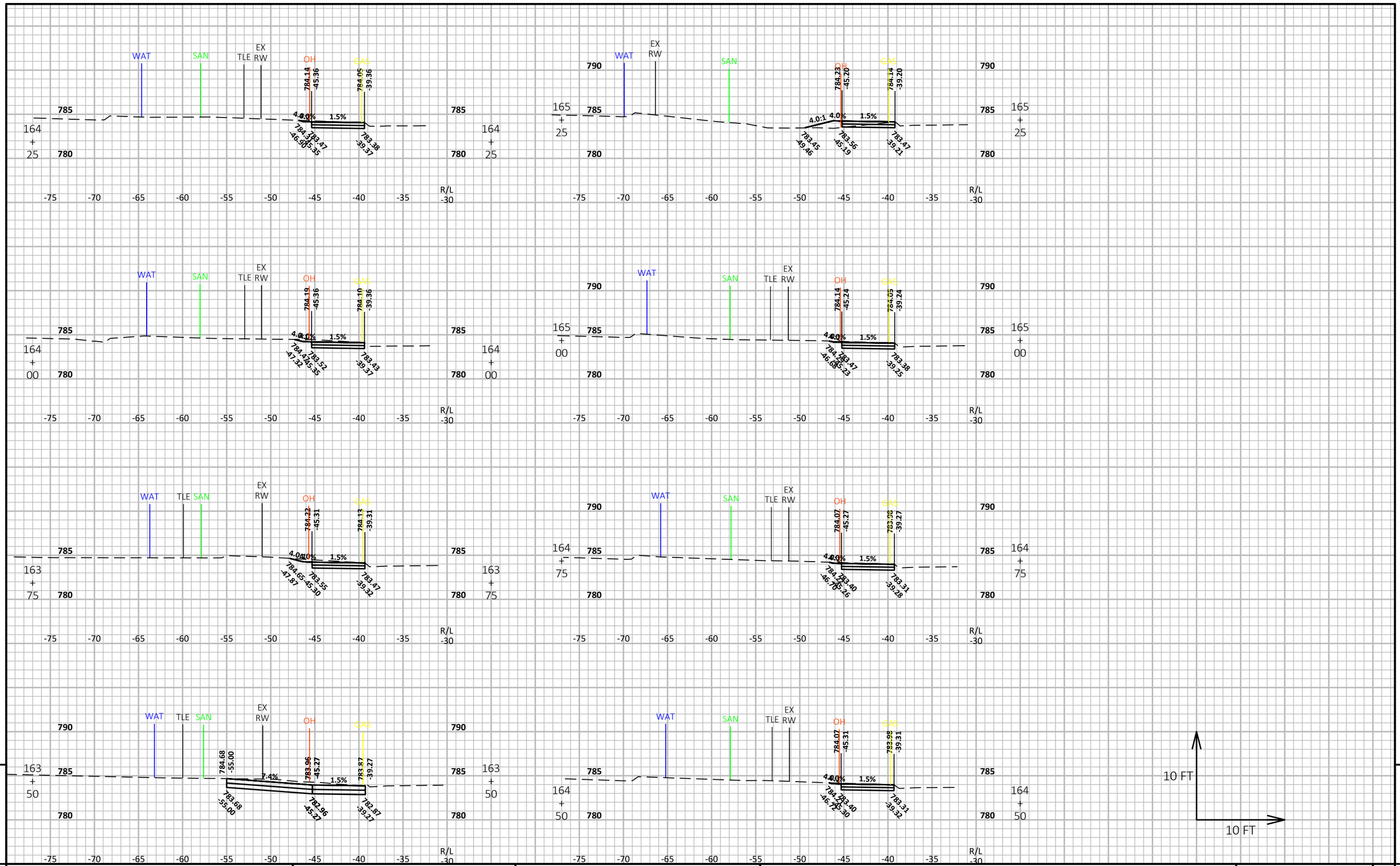
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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090223-xs

PLOT DATE : 9/28/2022 1:39 PM PLOT BY : RYAN BETKER PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

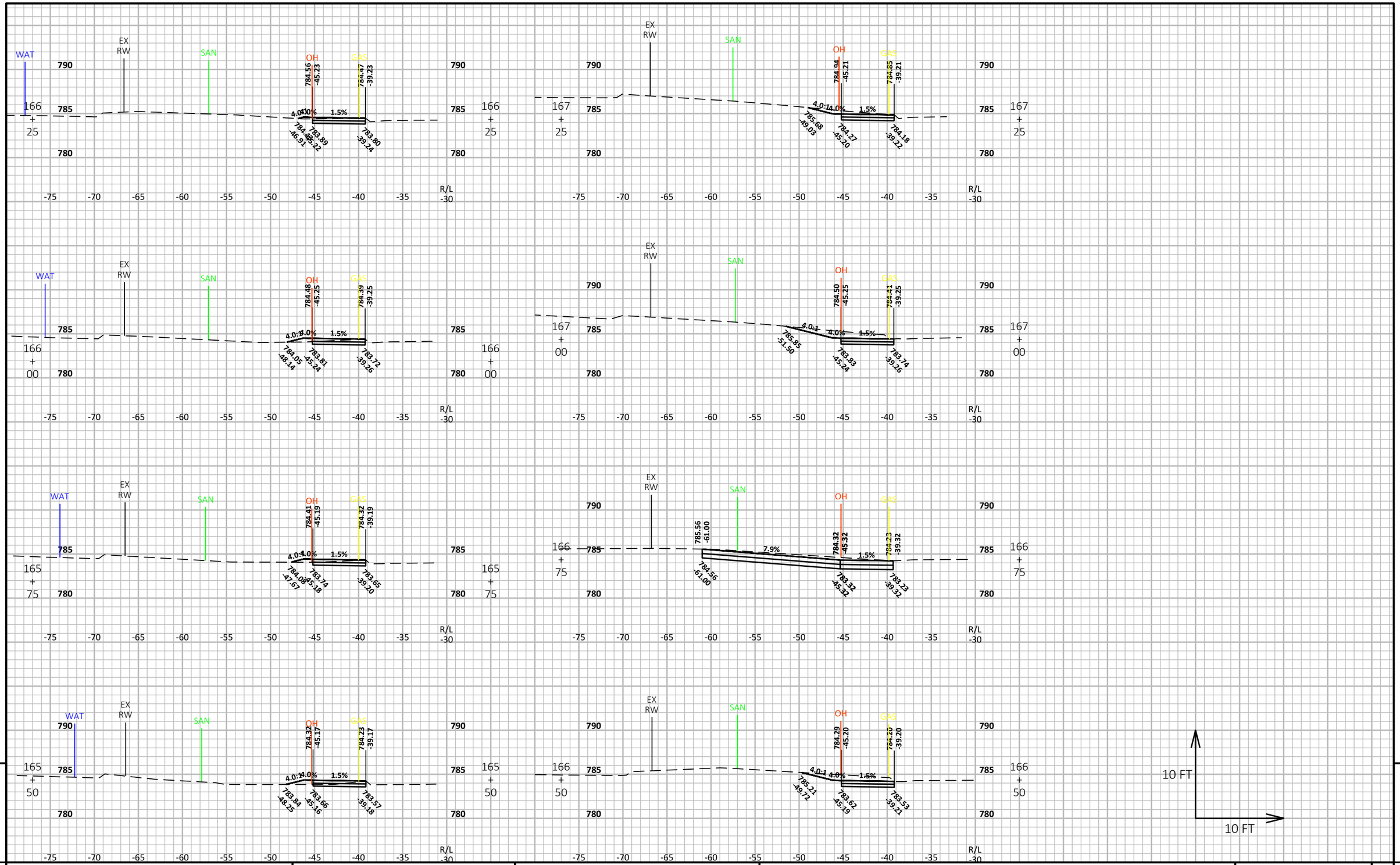
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LAYOUT NAME - 407540-090224-xs

PLOT DATE : 9/28/2022 1:40 PM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

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LAYOUT NAME - 407540-090225-xs

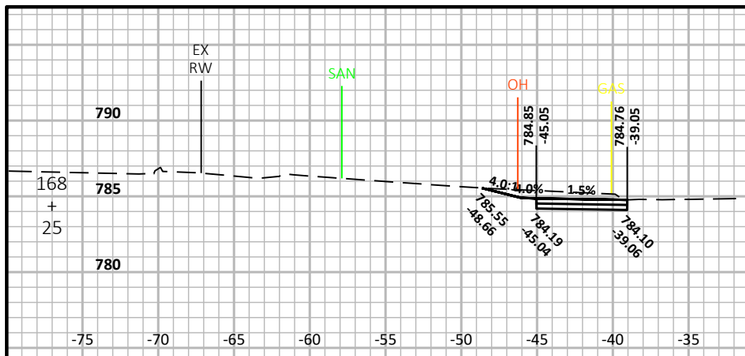
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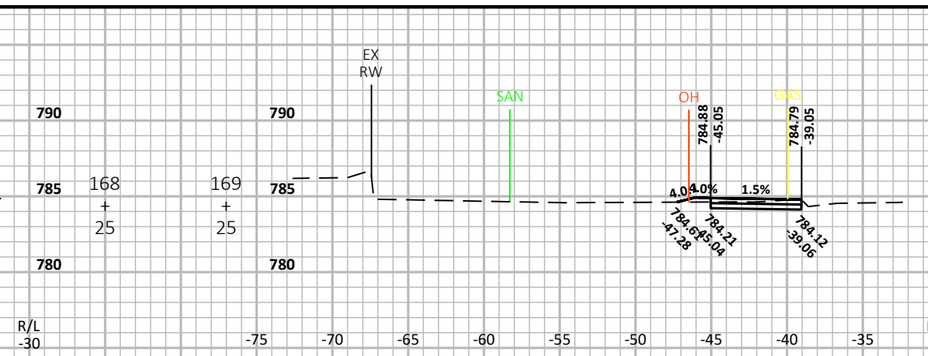
PLOT BY : RYAN BETKER

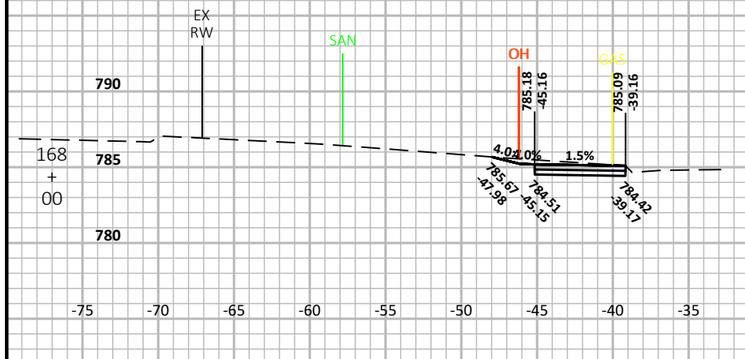
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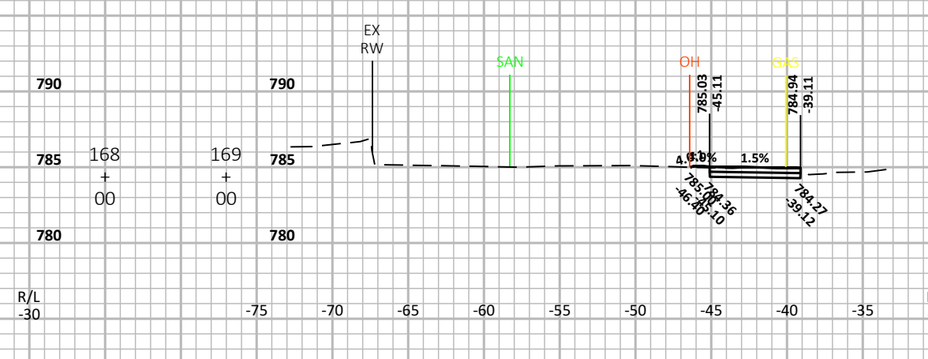
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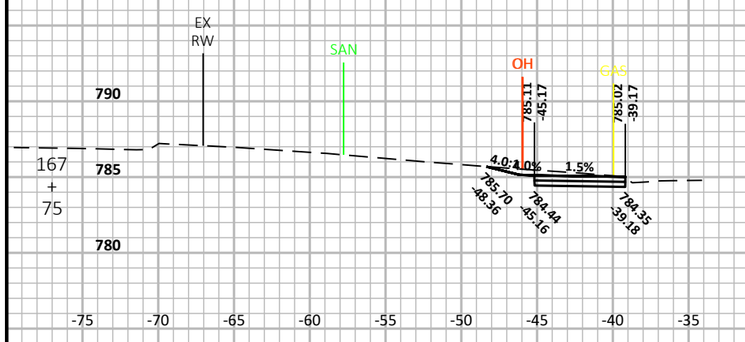
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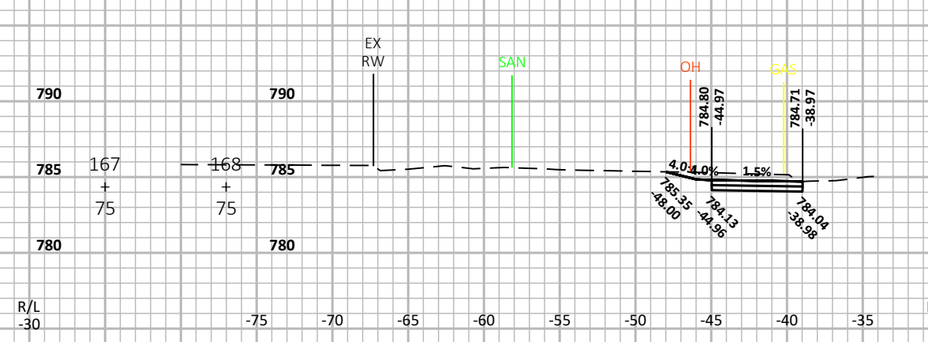


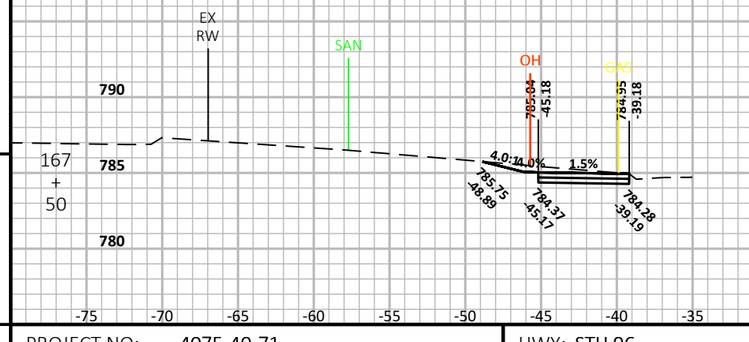


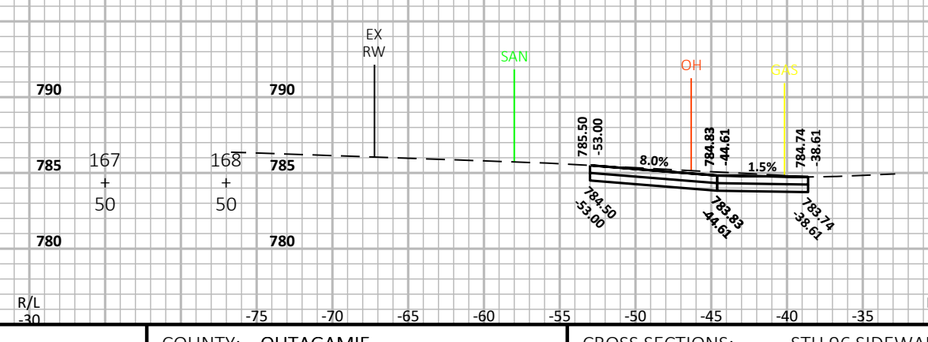














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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

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LAYOUT NAME - 407540-090226-xs

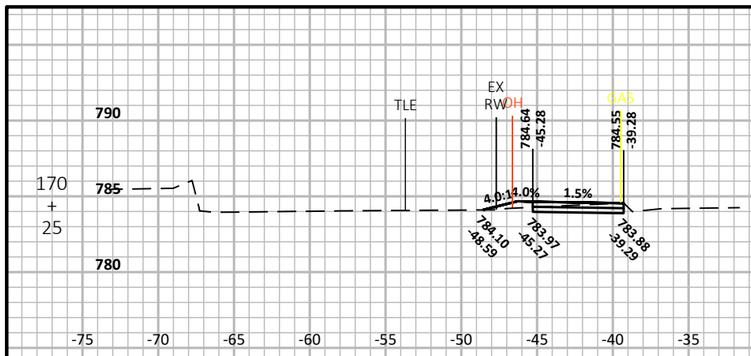
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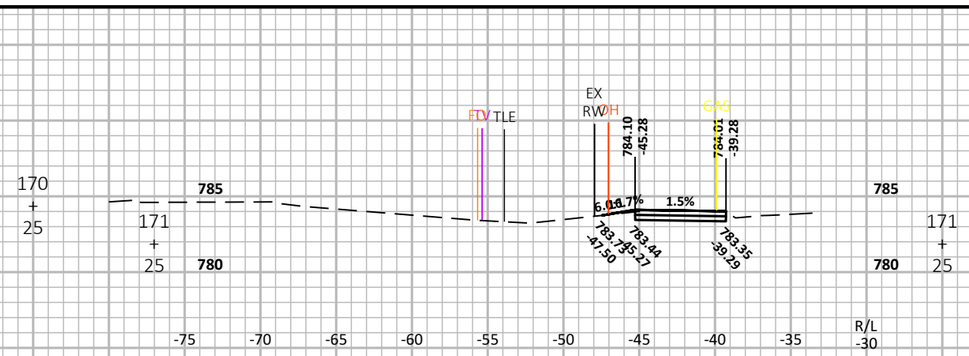
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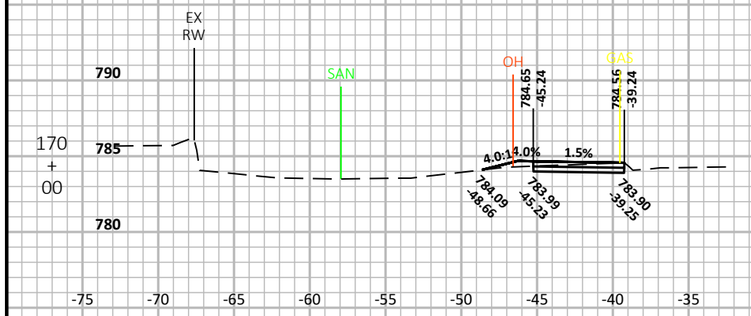
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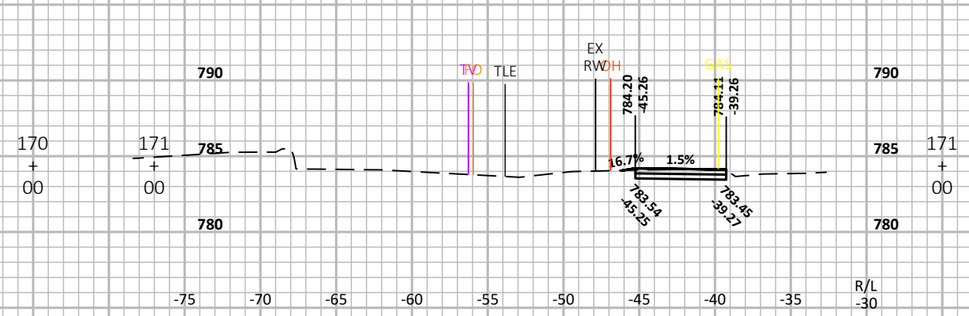
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

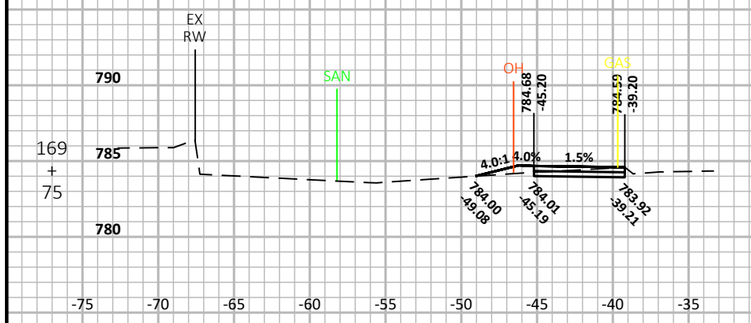
WISDOT/CADDS SHEET 49

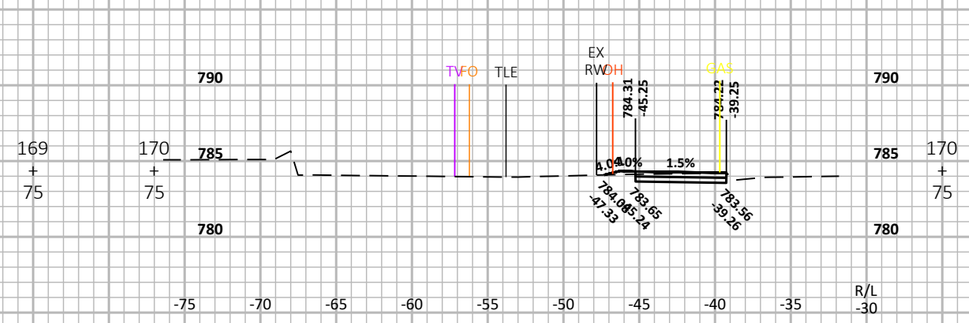


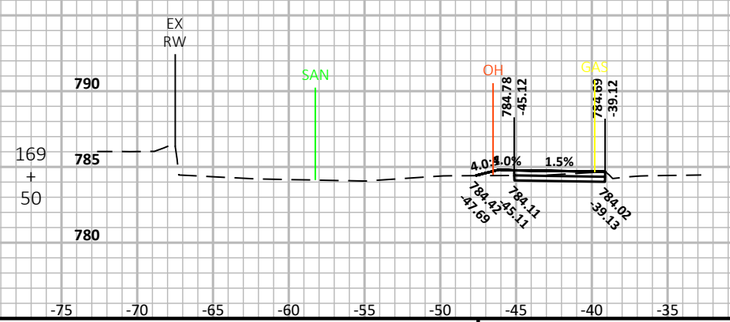


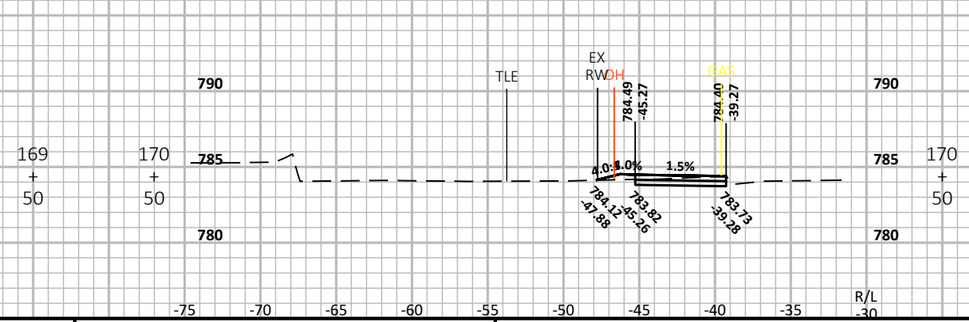














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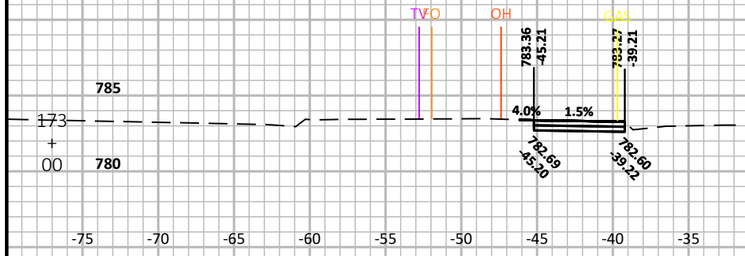
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

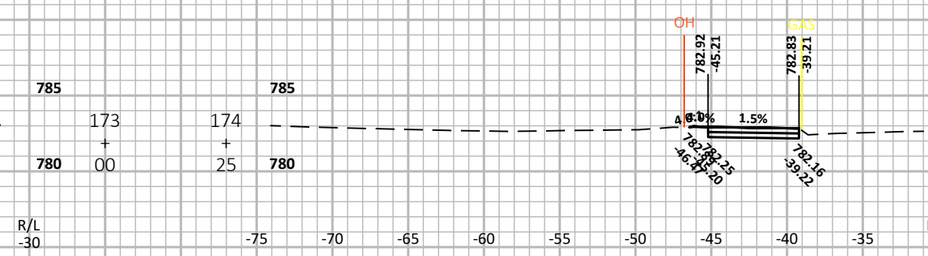
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LAYOUT NAME - 407540-090227-xs

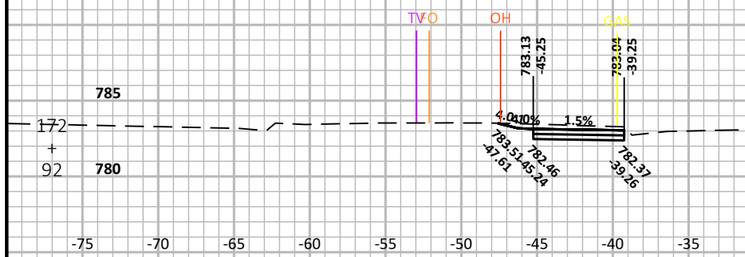
PLOT DATE : 9/28/2022 1:40 PM PLOT BY : RYAN BETKER PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

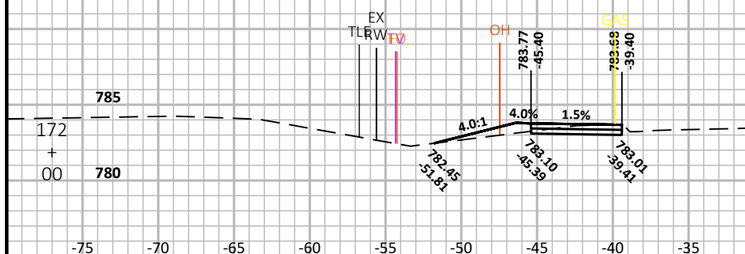
WISDOT/CADDS SHEET 49

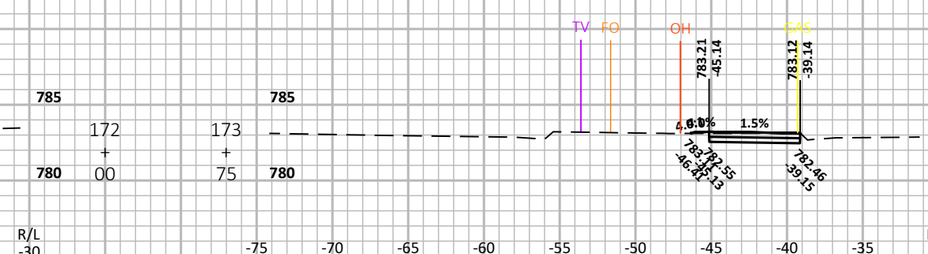




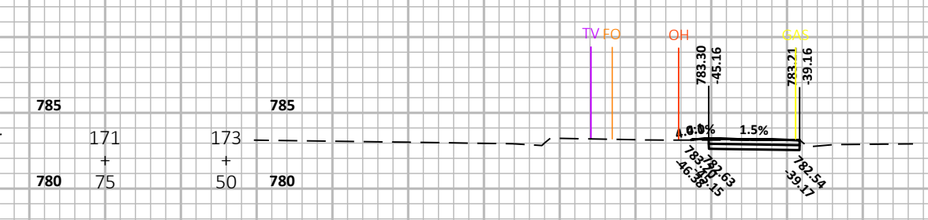




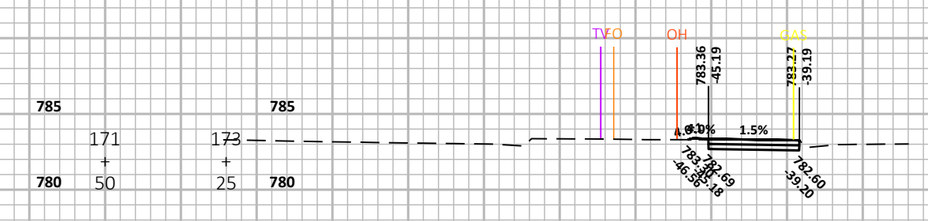


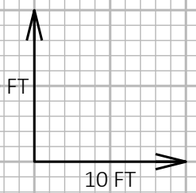












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090228-xs

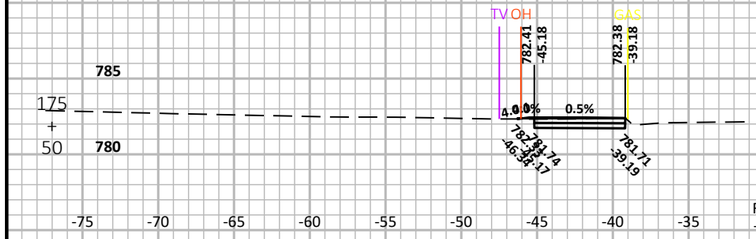
PLOT DATE : 9/28/2022 1:41 PM

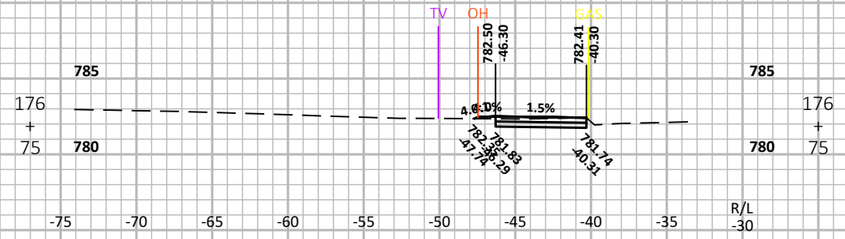
PLOT BY : RYAN BETKER

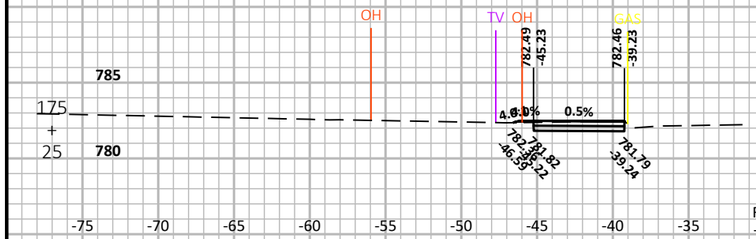
PLOT NAME :

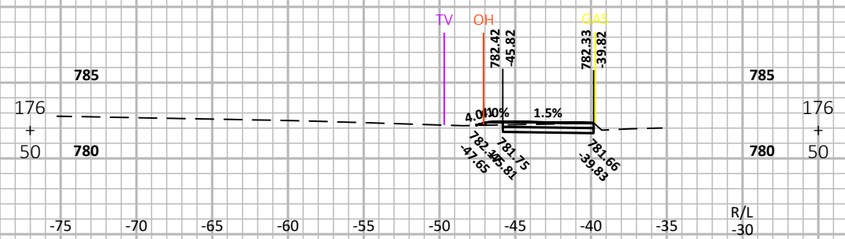
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

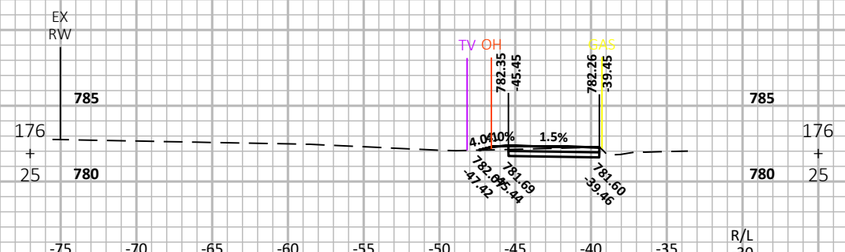


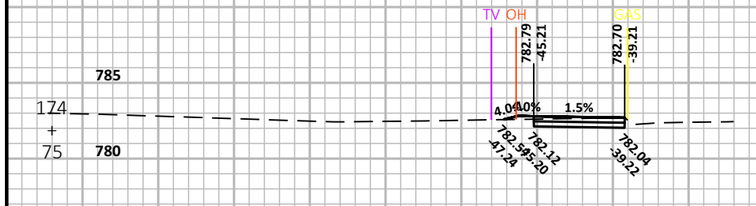


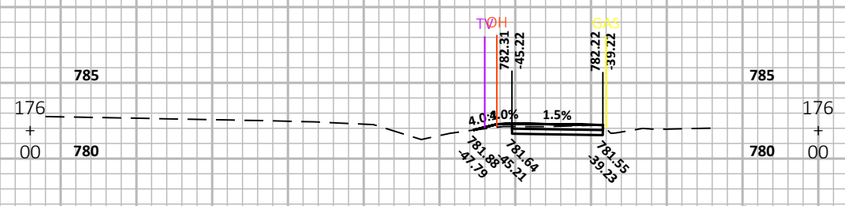


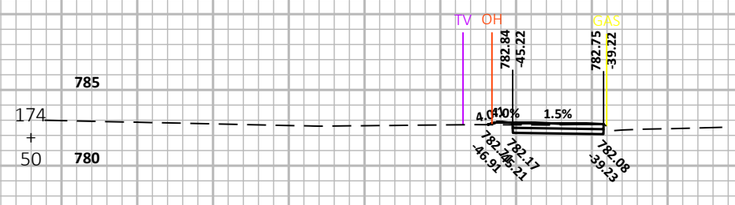


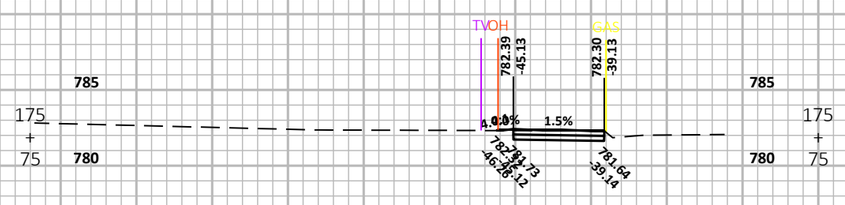


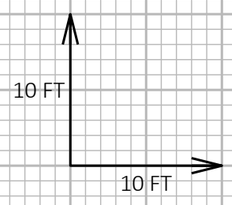












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090229-xs

PLOT DATE : 9/28/2022 1:41 PM

PLOT BY : RYAN BETKER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090230-xs

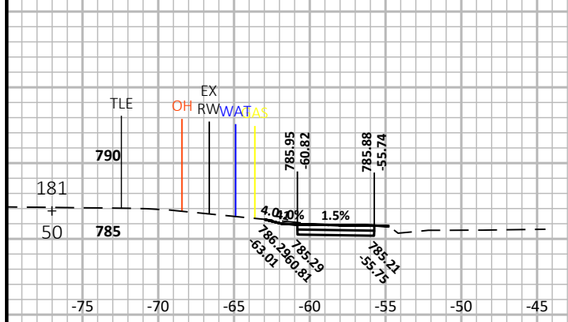
PLOT DATE : 9/28/2022 1:41 PM

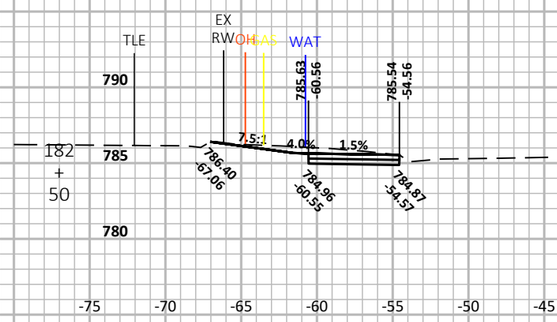
PLOT BY : RYAN BETKER

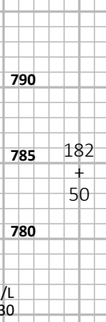
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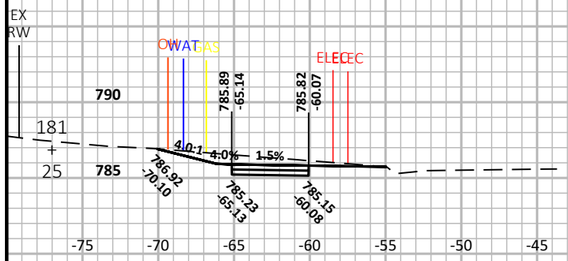
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

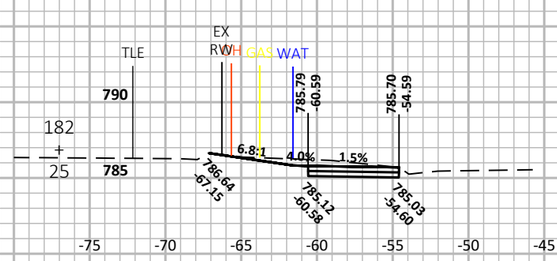
WISDOT/CADDS SHEET 49

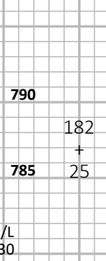


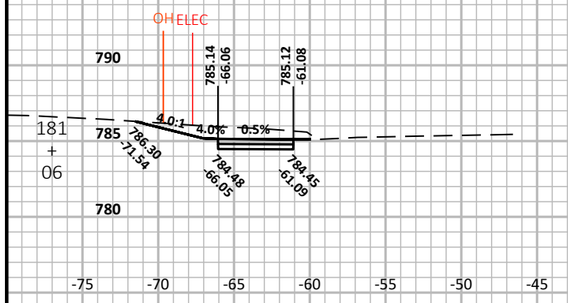


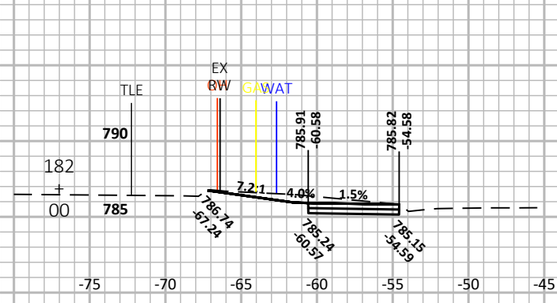


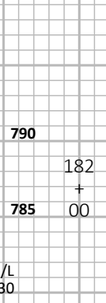


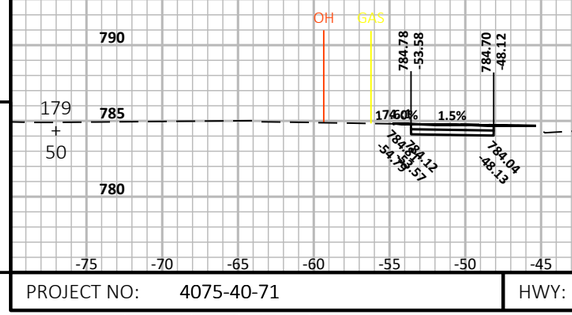


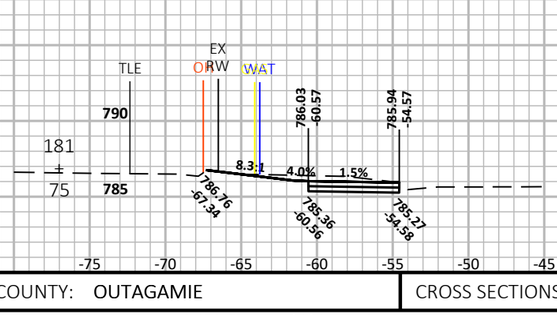


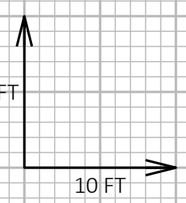












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090231-xs

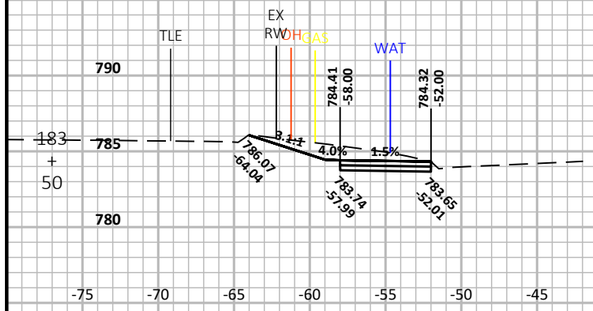
PLOT DATE : 9/28/2022 1:42 PM

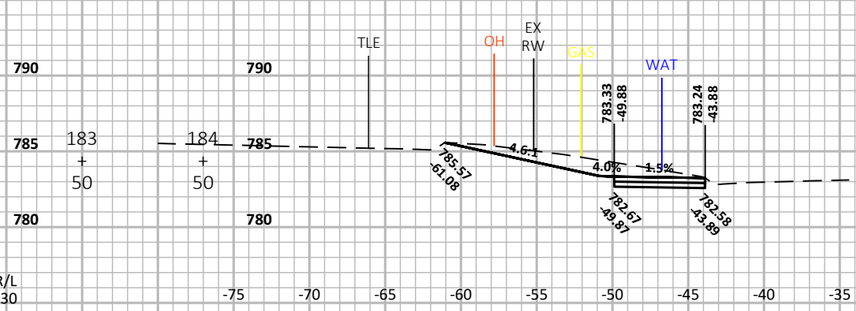
PLOT BY : RYAN BETKER

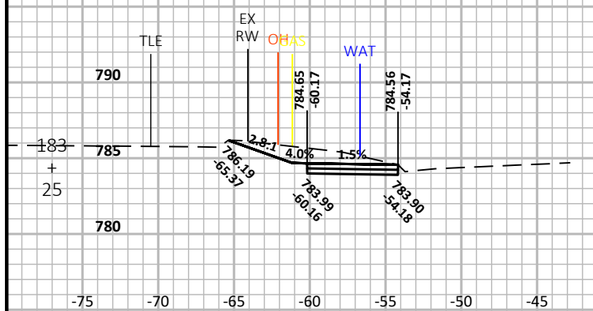
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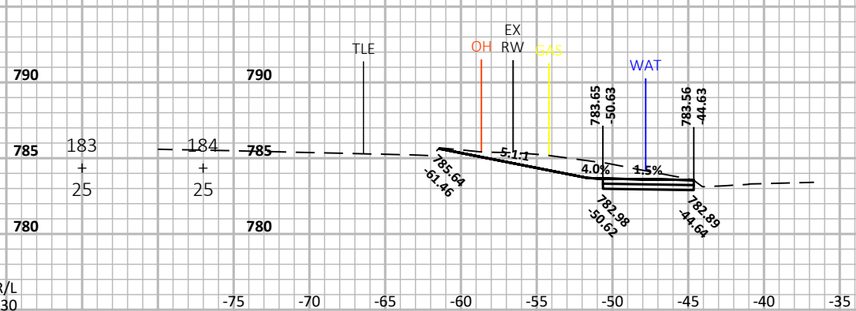
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

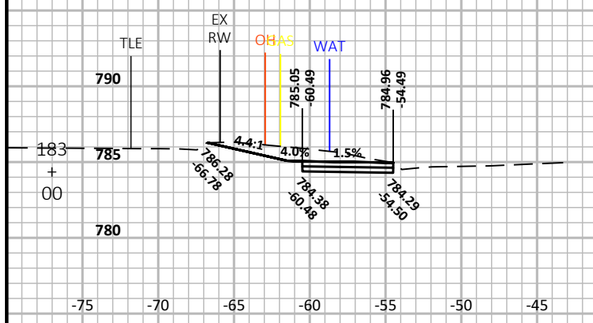
WISDOT/CADDS SHEET 49

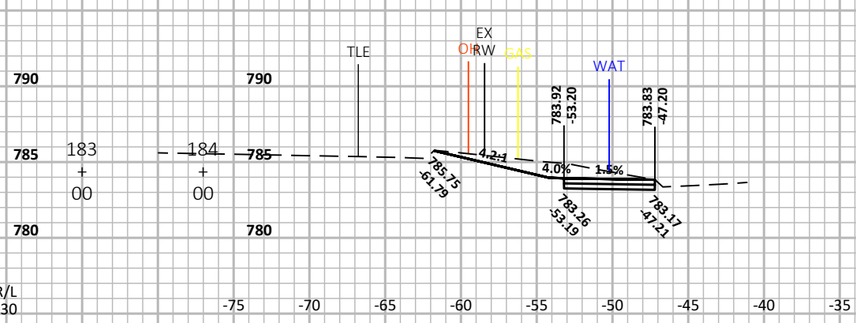


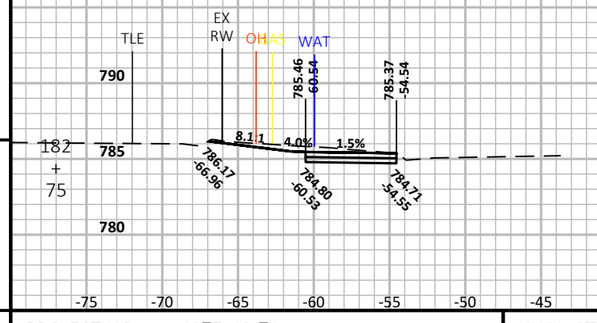


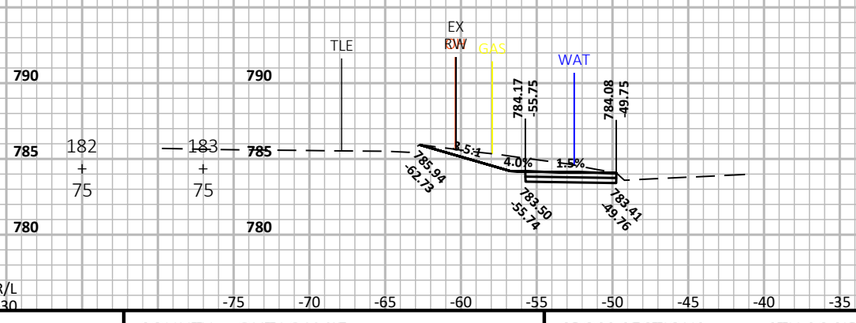


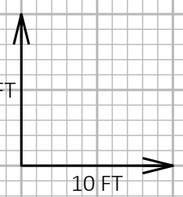












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090232-xs

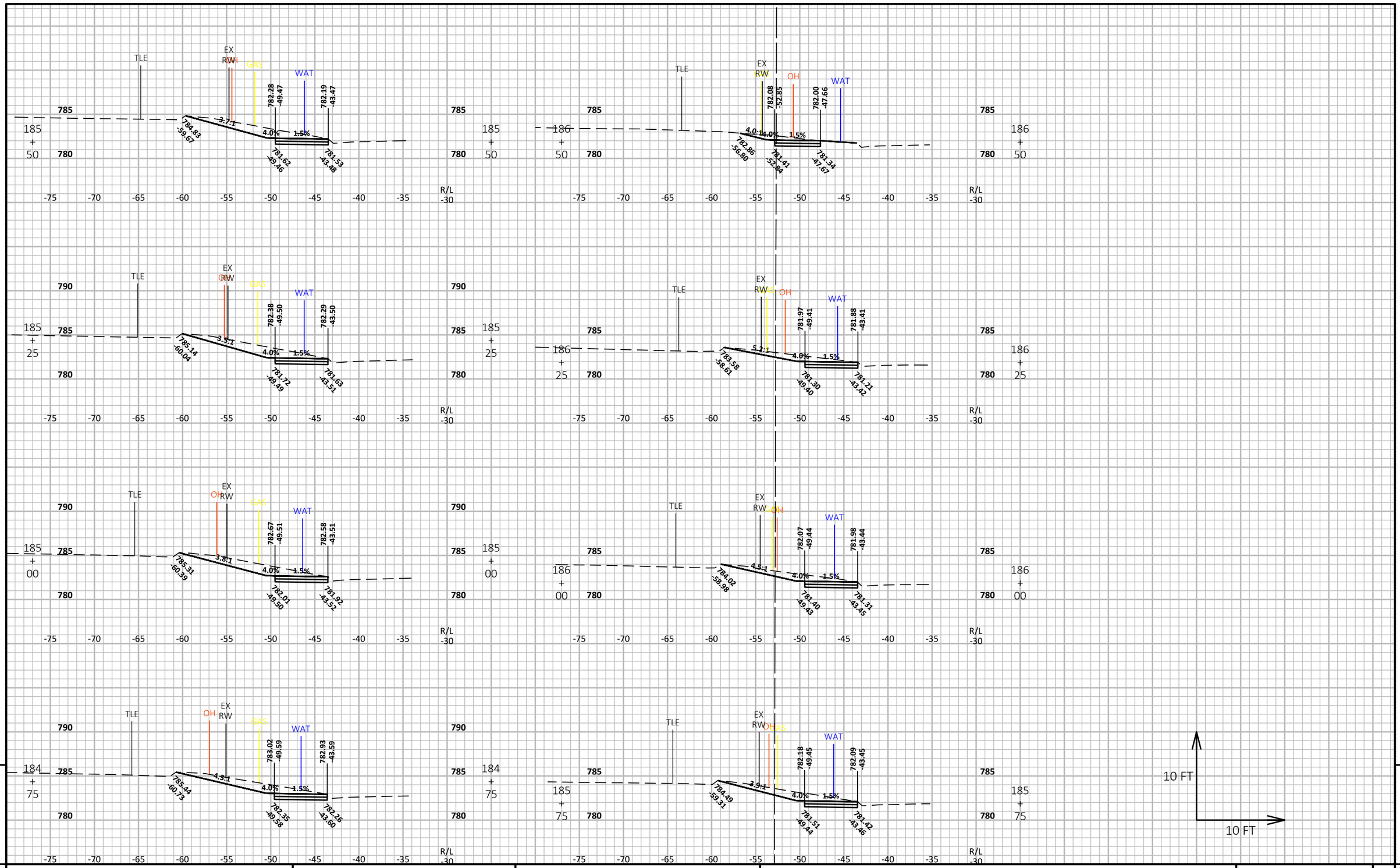
PLOT DATE : 9/28/2022 1:42 PM

PLOT BY : RYAN BETKER

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: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090233-xs

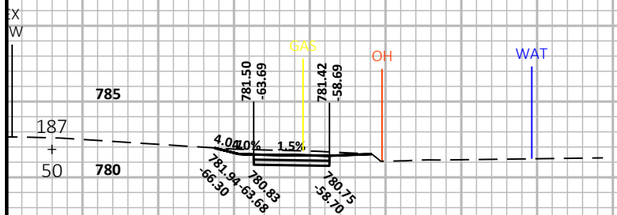
PLOT DATE : 9/28/2022 1:42 PM

PLOT BY : RYAN BETKER

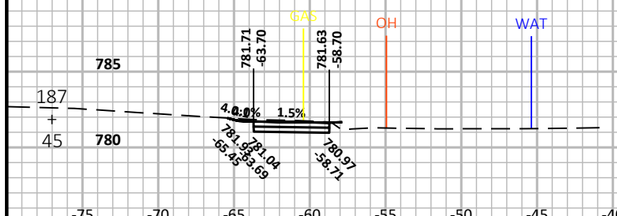
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

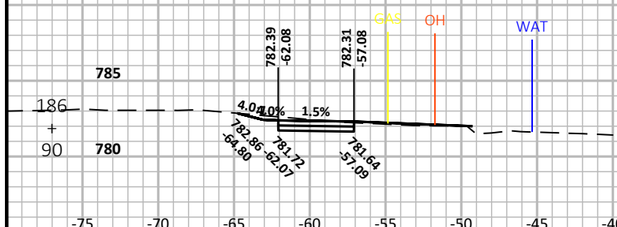
WISDOT/CADDS SHEET 49

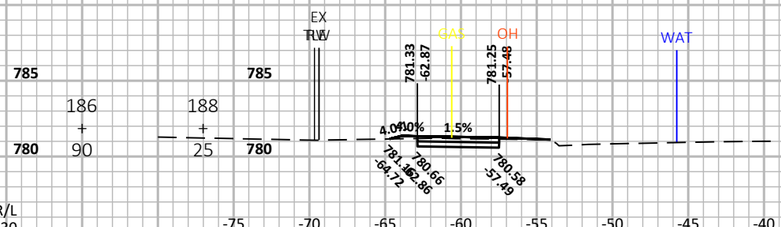


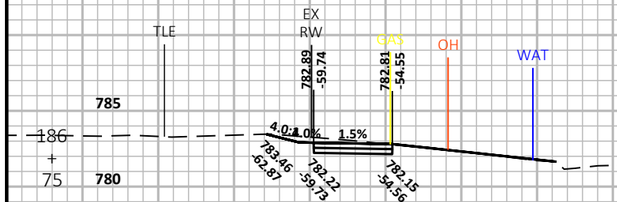


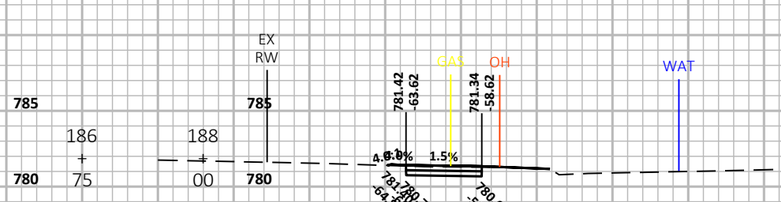


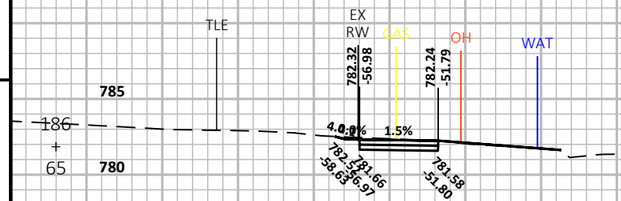


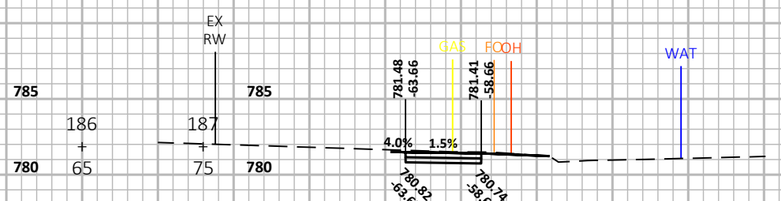


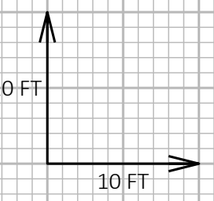












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090234-xs

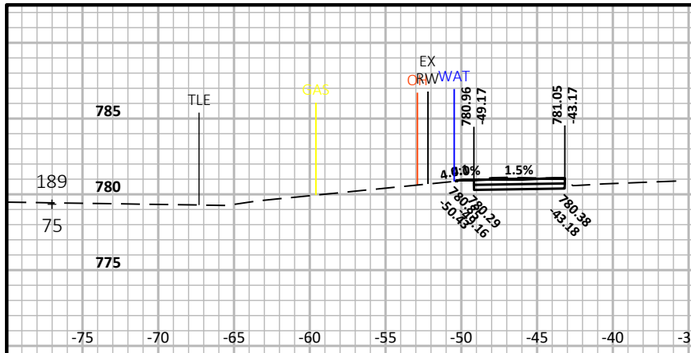
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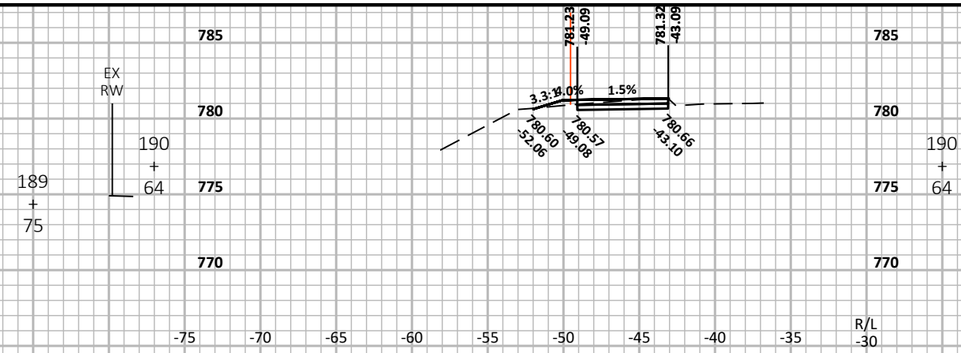
PLOT BY : RYAN BETKER

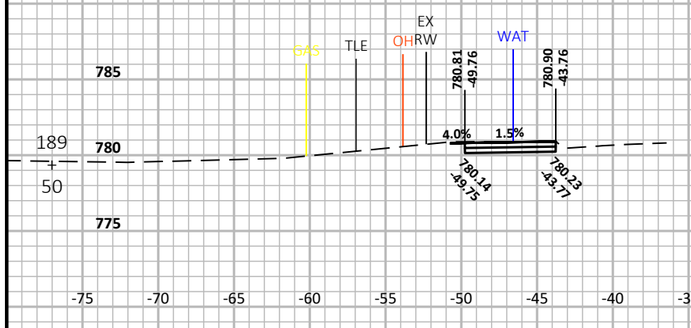
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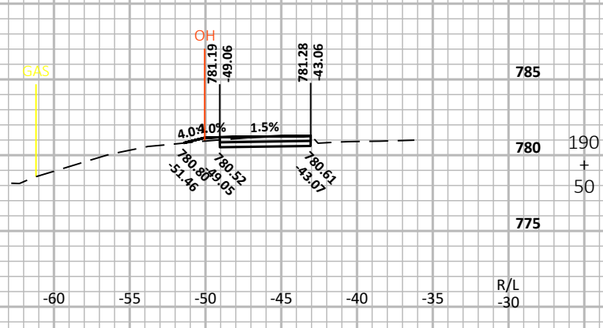
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

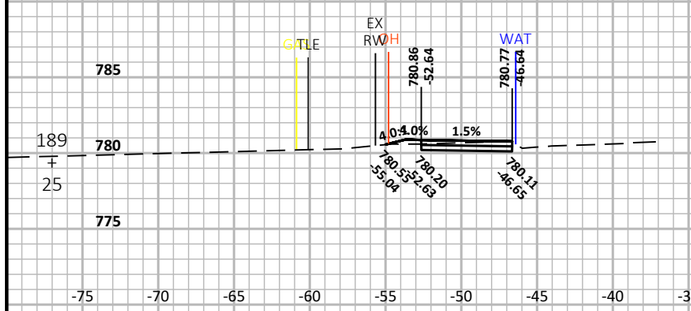
WISDOT/CADDS SHEET 49

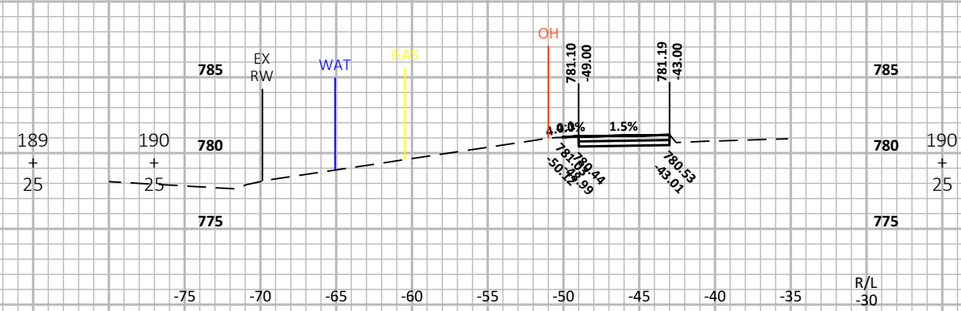


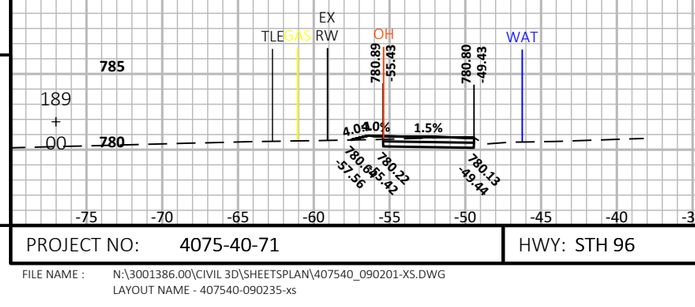


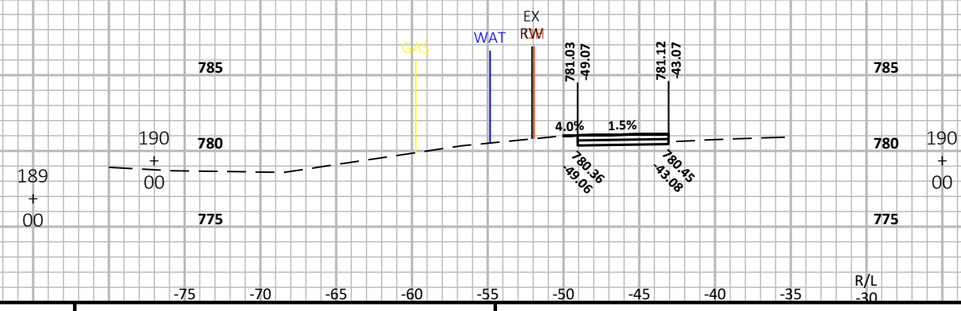


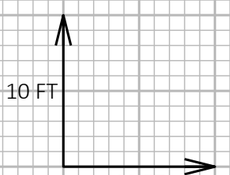












9 9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090235-xs

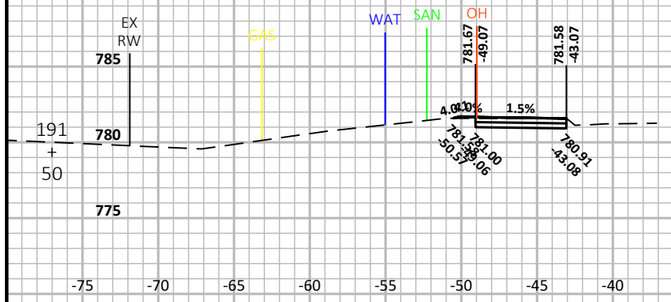
PLOT DATE : 9/28/2022 1:43 PM

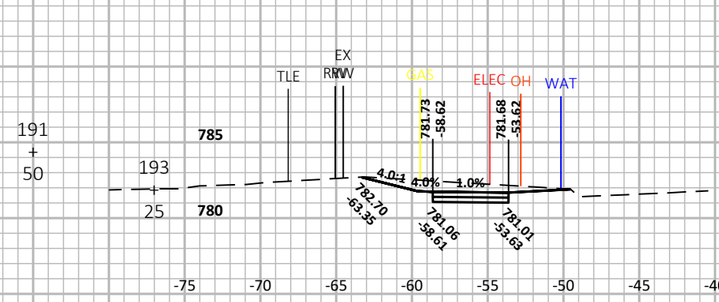
PLOT BY : RYAN BETKER

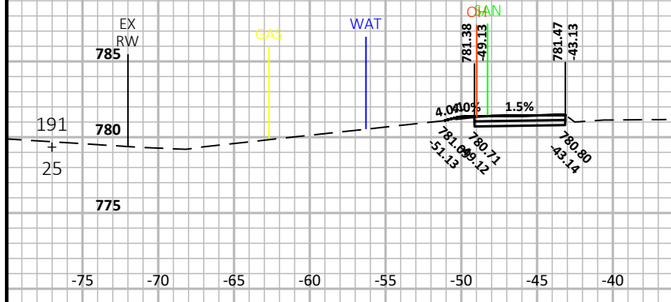
PLOT NAME :

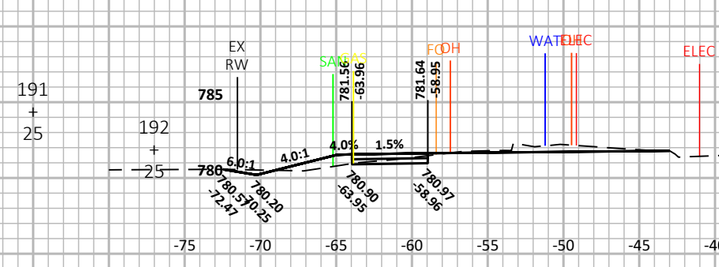
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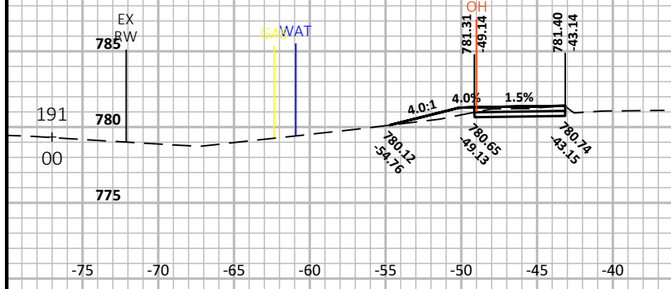
WISDOT/CADDS SHEET 49

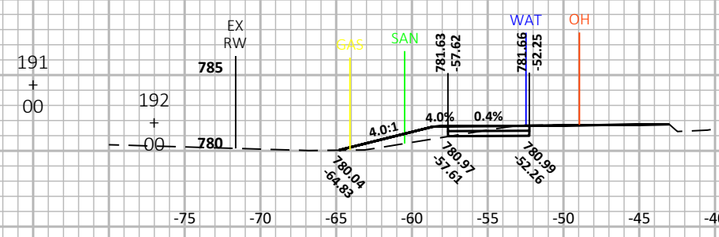


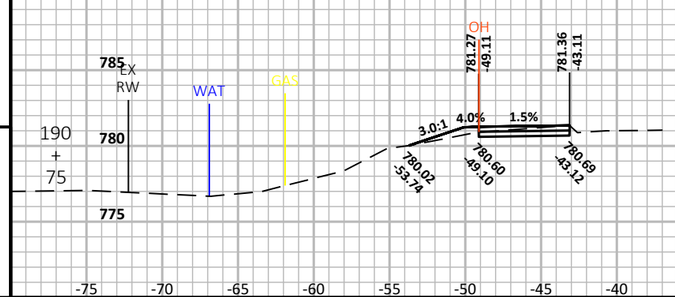


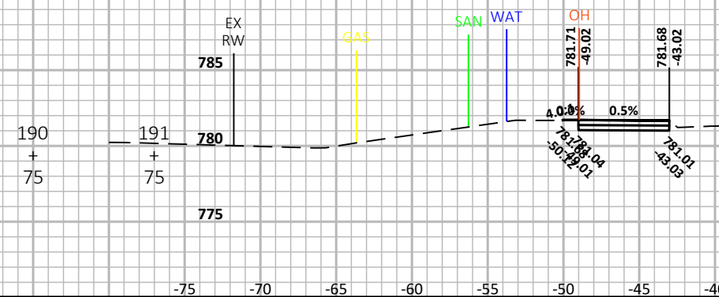


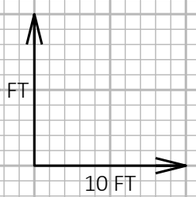










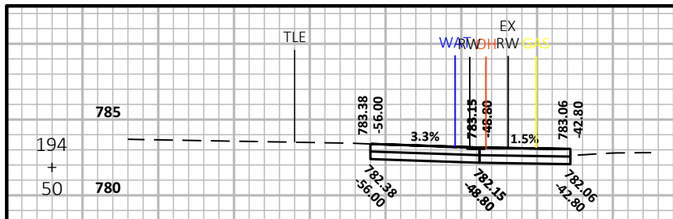


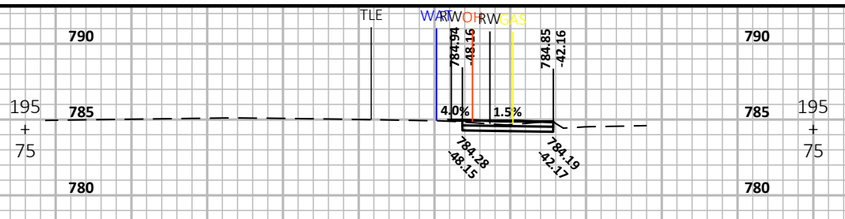
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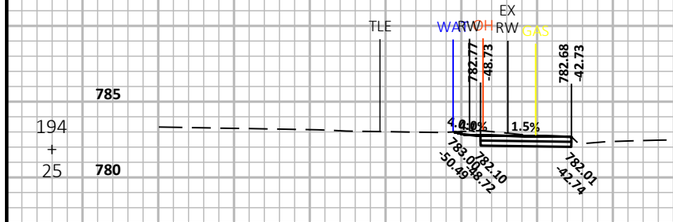
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090236-xs

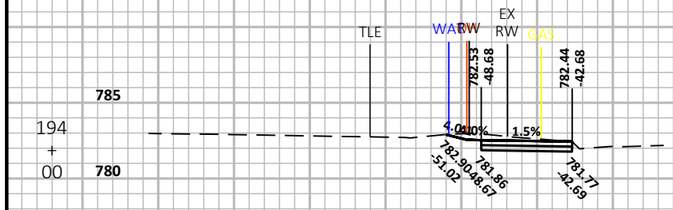
PLOT DATE : 9/28/2022 1:43 PM PLOT BY : RYAN BETKER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

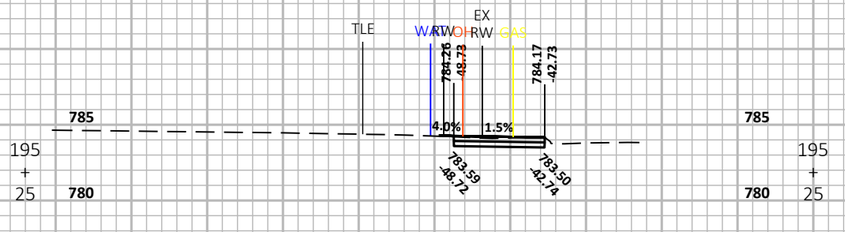


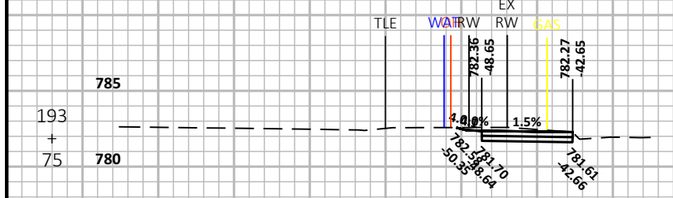


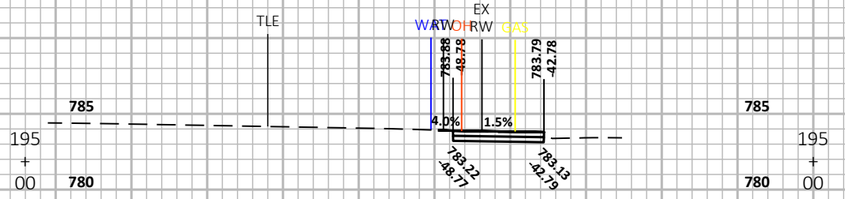


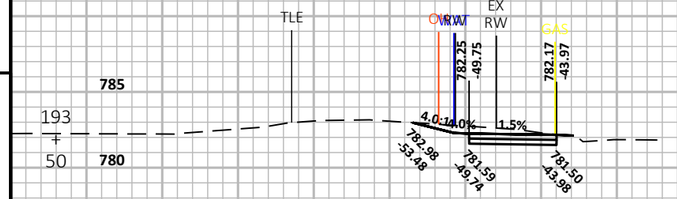


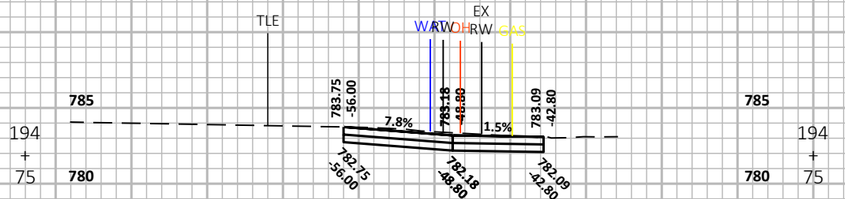


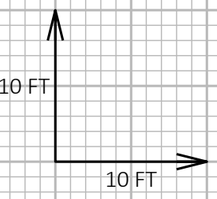












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090237-xs

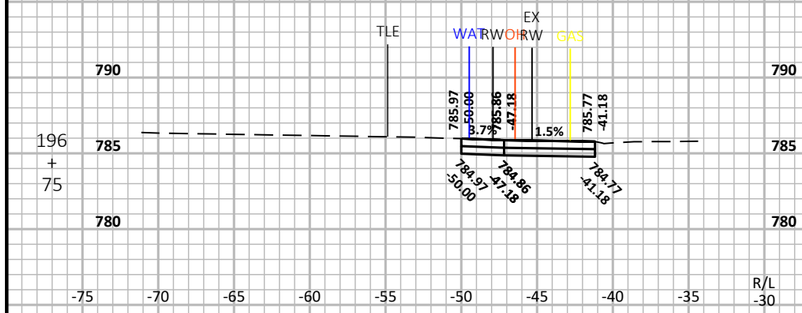
PLOT DATE : 9/28/2022 1:43 PM

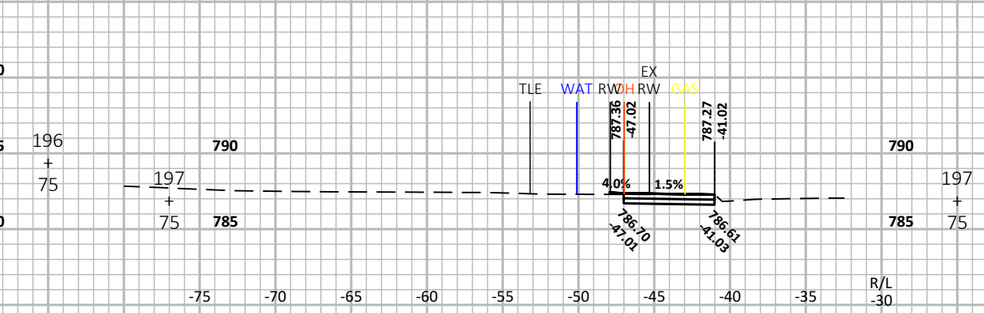
PLOT BY : RYAN BETKER

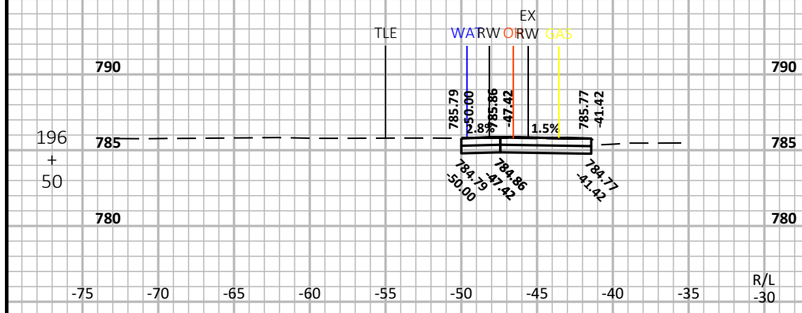
PLOT NAME :

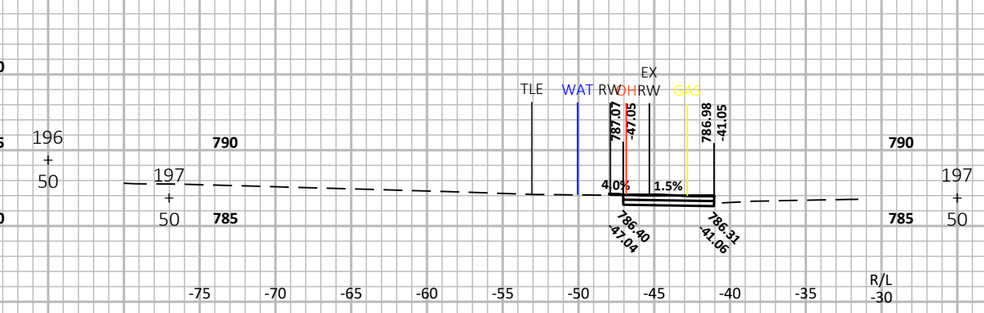
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

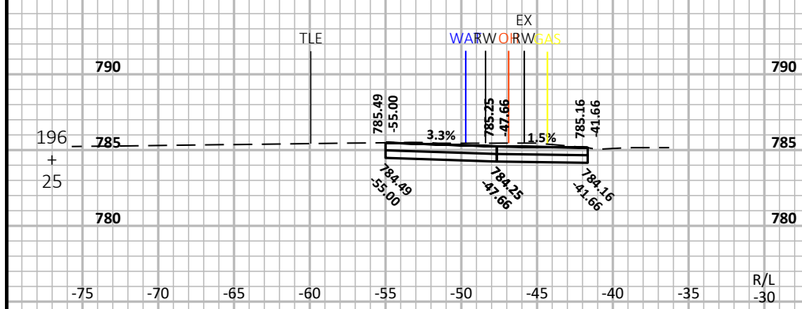
WISDOT/CADDS SHEET 49

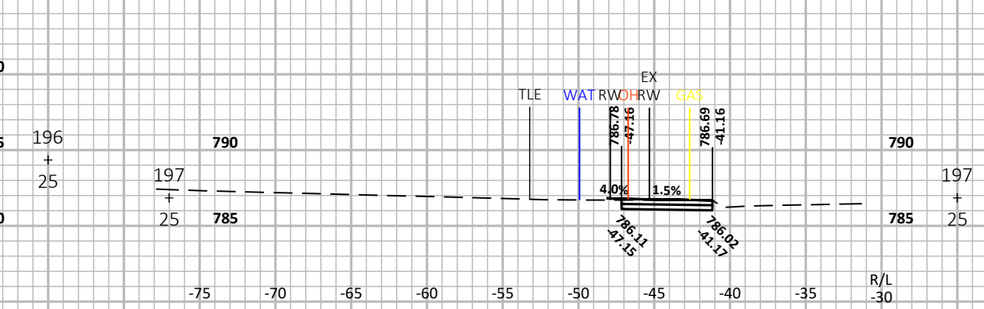


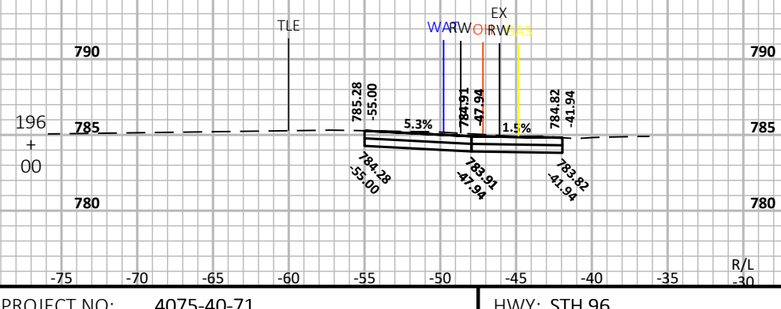


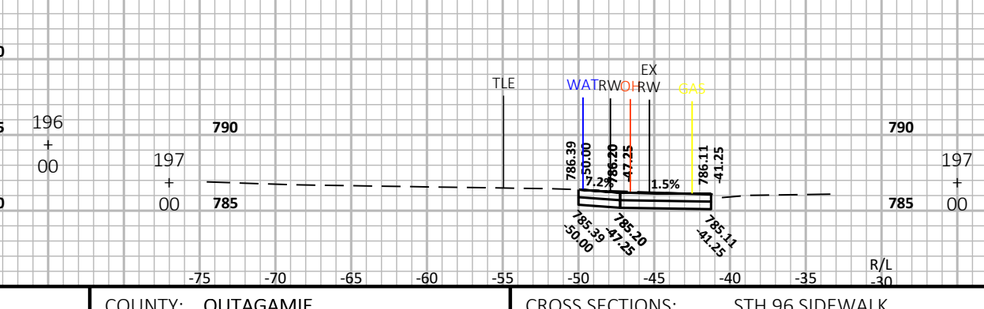


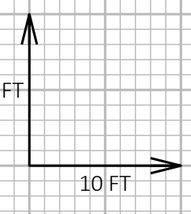












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090238-xs

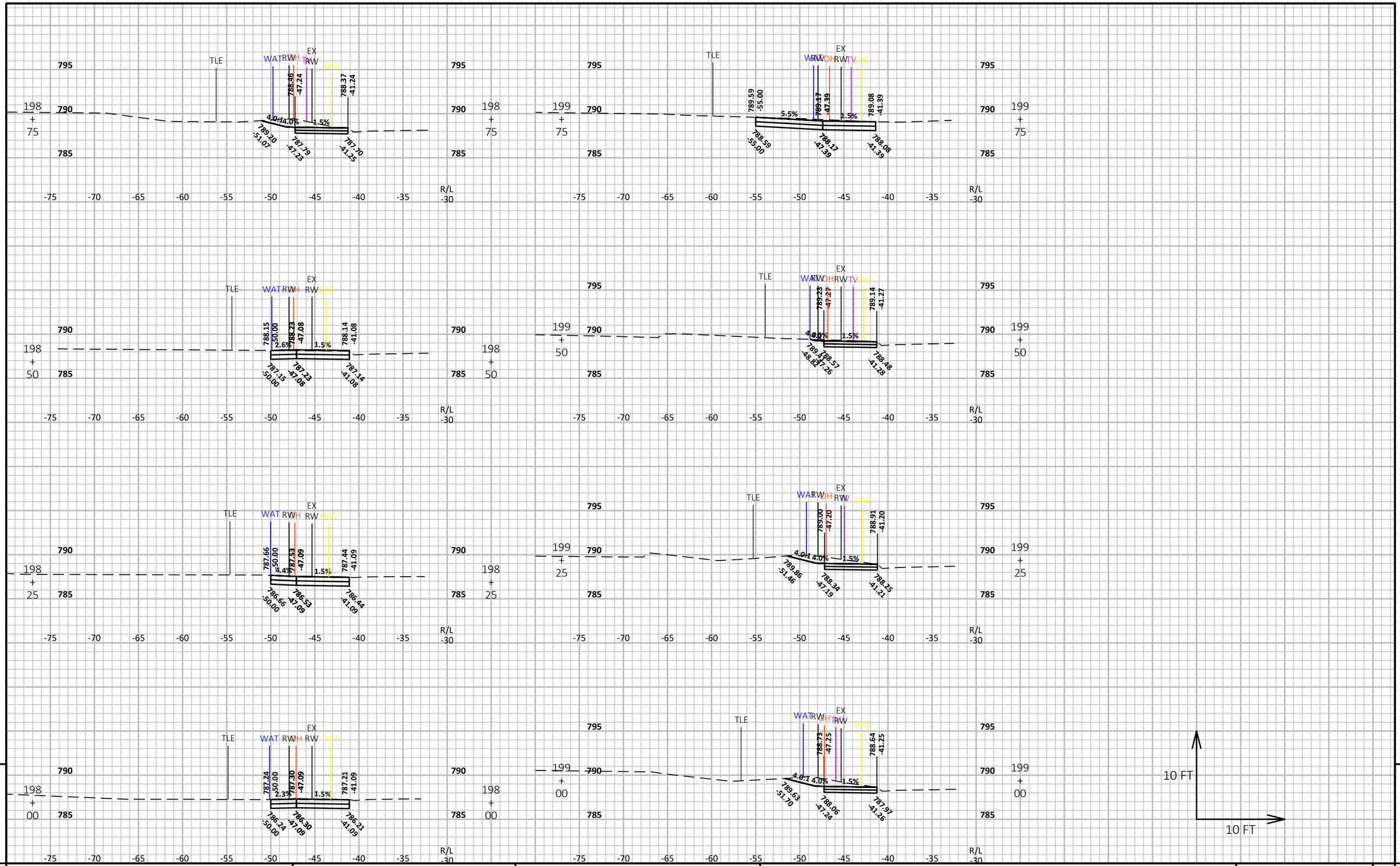
PLOT DATE : 9/28/2022 1:43 PM

PLOT BY : RYAN BETKER

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: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090239-xs

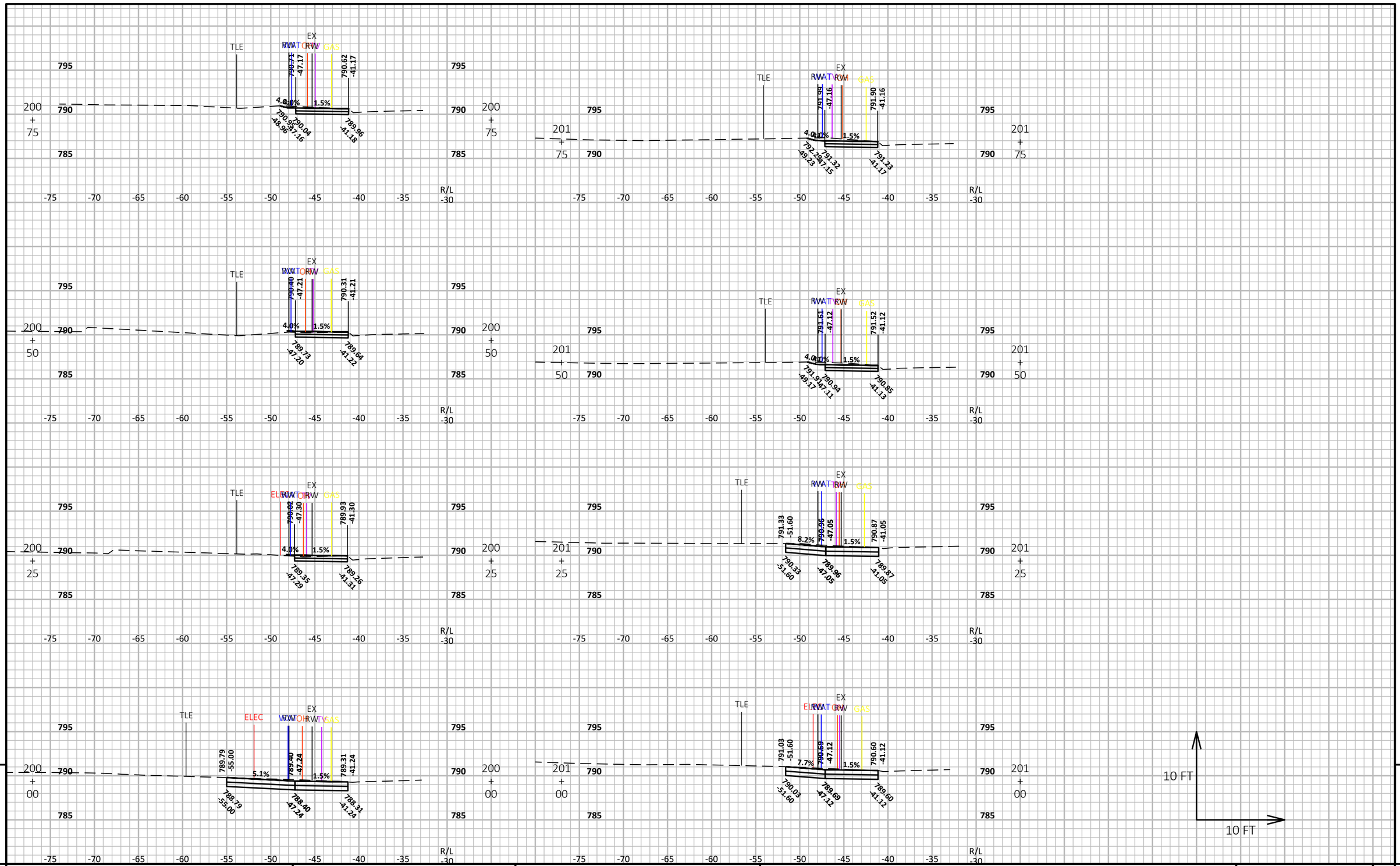
PLOT DATE : 9/28/2022 1:43 PM

PLOT BY : RYAN BETKER

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: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090240-xs

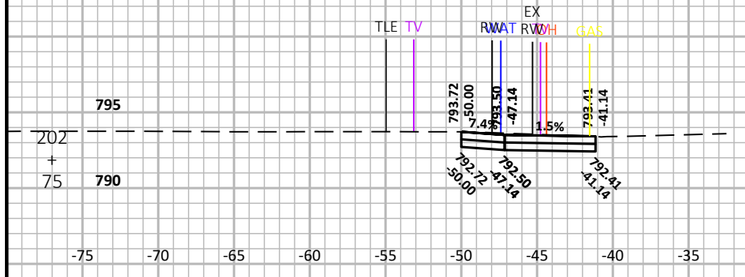
PLOT DATE : 9/28/2022 1:44 PM

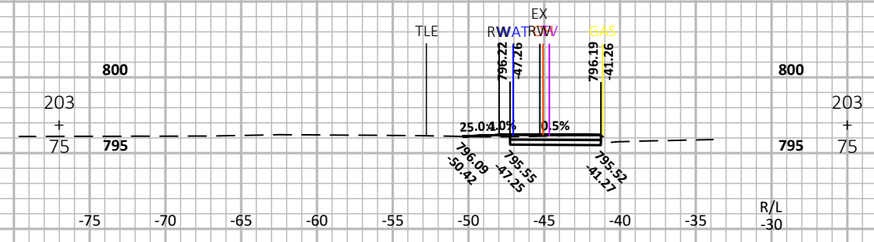
PLOT BY : RYAN BETKER

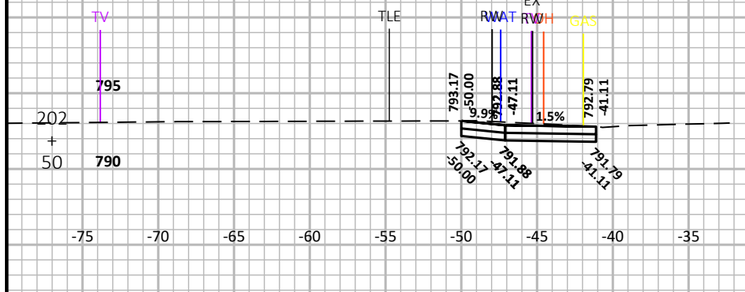
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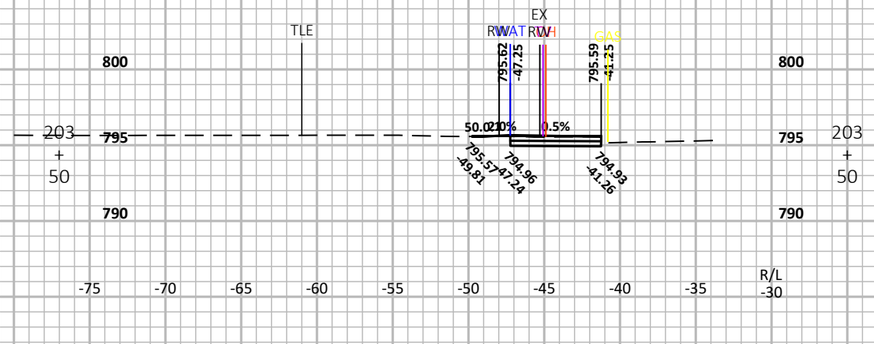
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

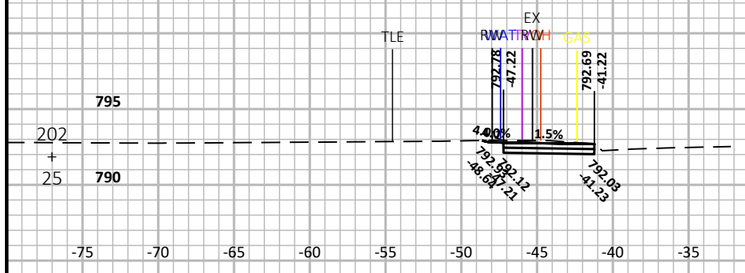
WISDOT/CADDS SHEET 49

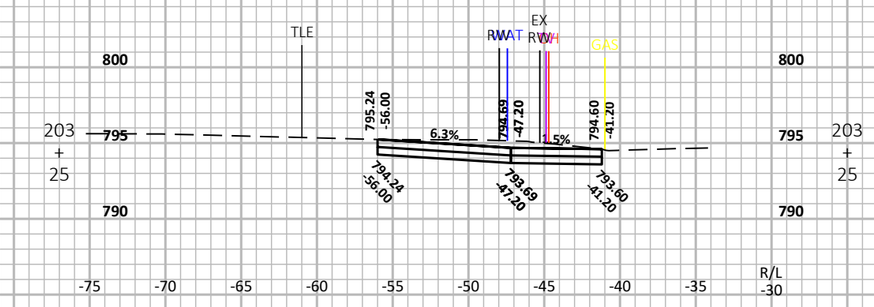


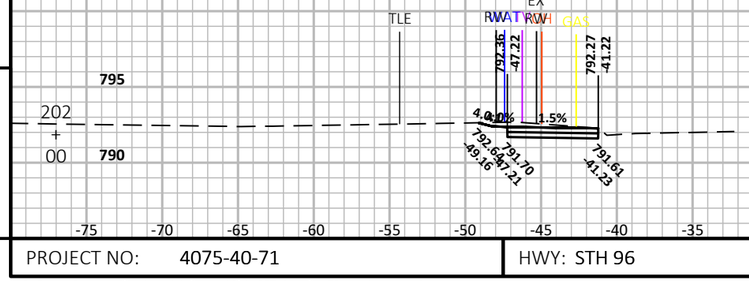


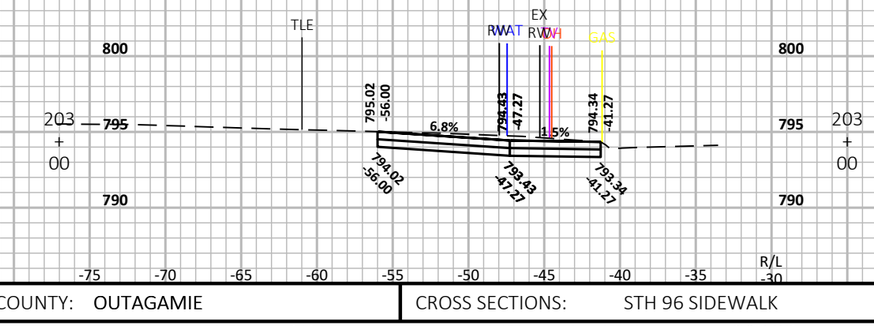


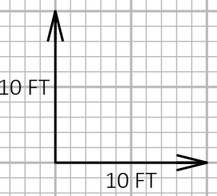












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090241-xs

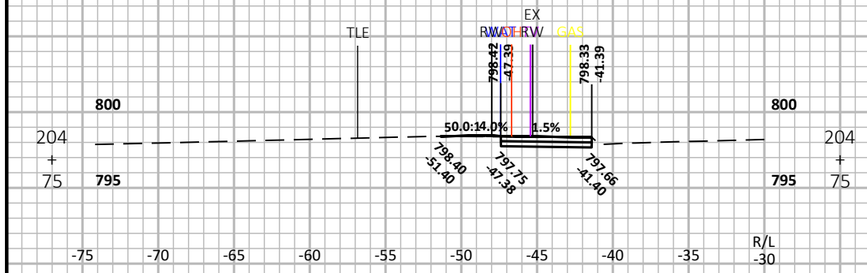
PLOT DATE : 9/28/2022 1:44 PM

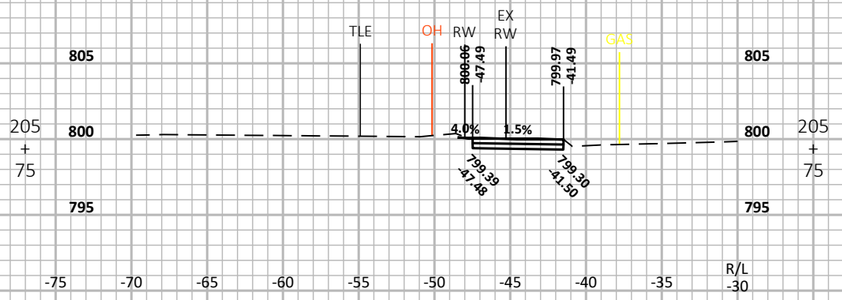
PLOT BY : RYAN BETKER

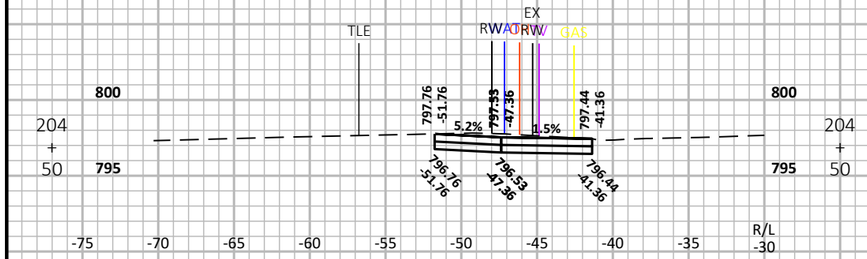
PLOT NAME :

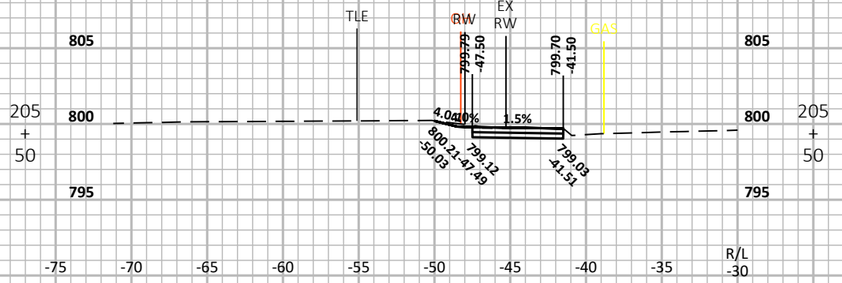
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

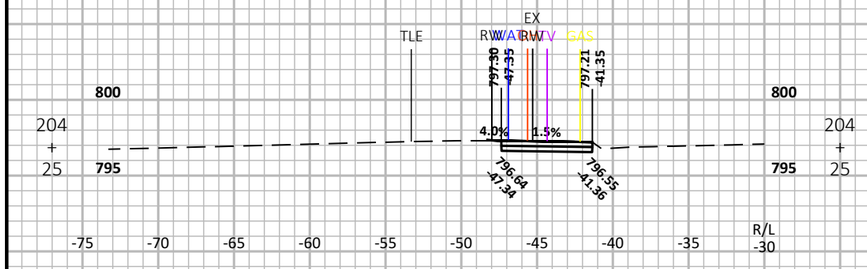
WISDOT/CADDS SHEET 49

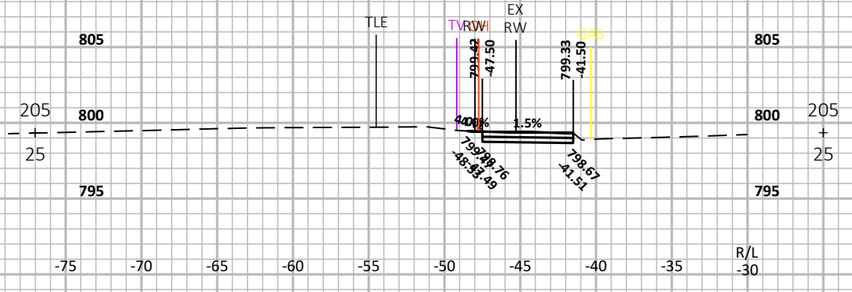


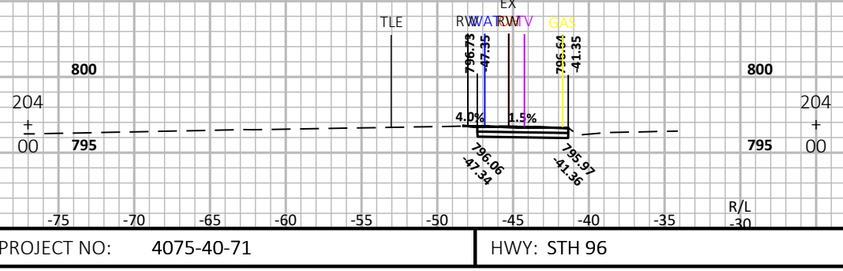


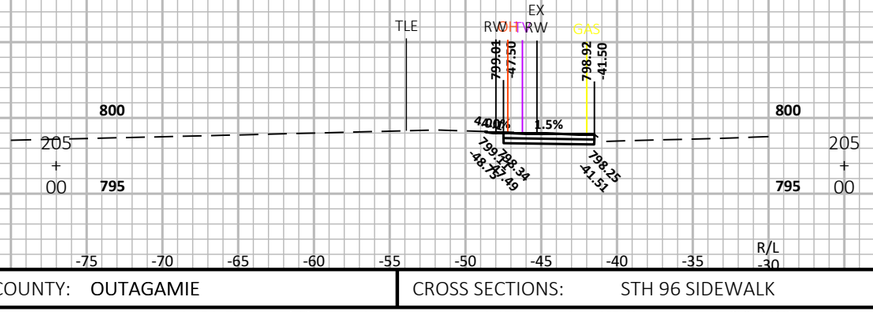


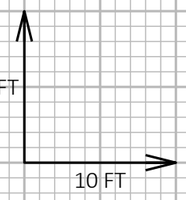












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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090242-xs

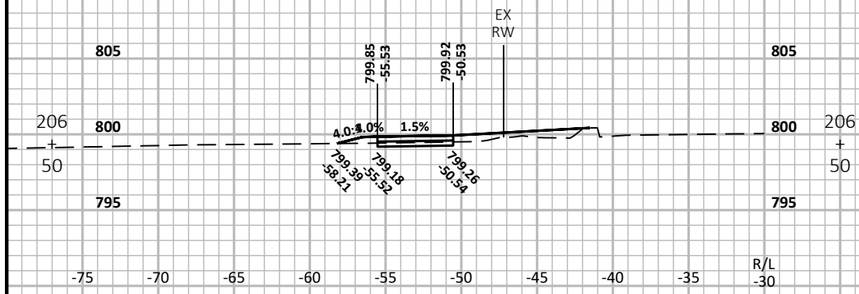
PLOT DATE : 9/28/2022 1:44 PM

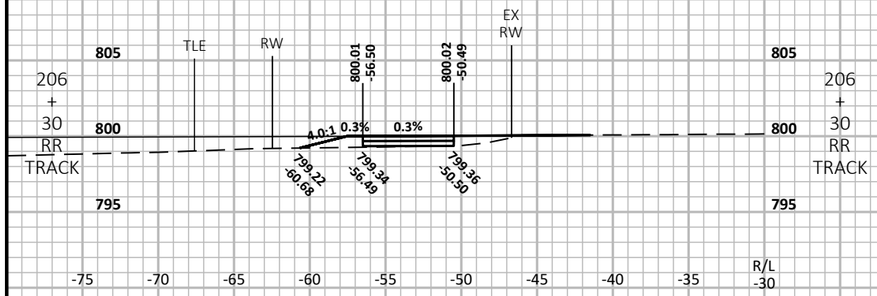
PLOT BY : RYAN BETKER

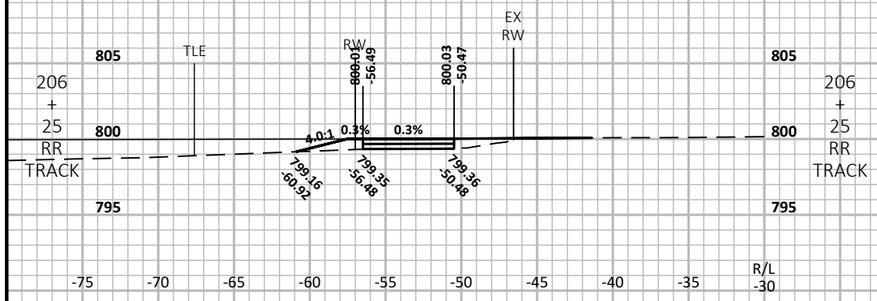
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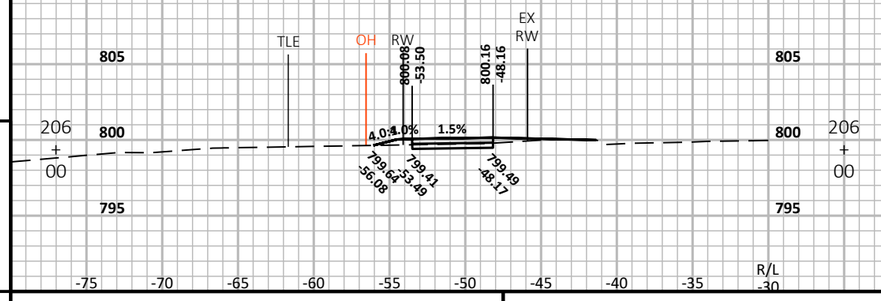
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

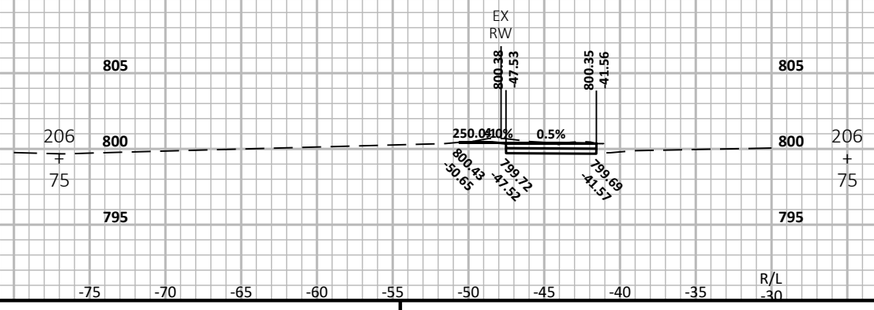
WISDOT/CADDS SHEET 49

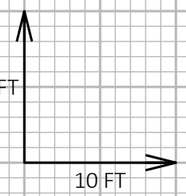












PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090243-xs

PLOT DATE : 9/28/2022 1:44 PM

PLOT BY : RYAN BETKER

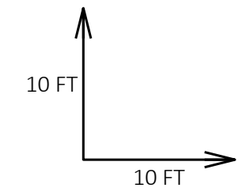
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

9



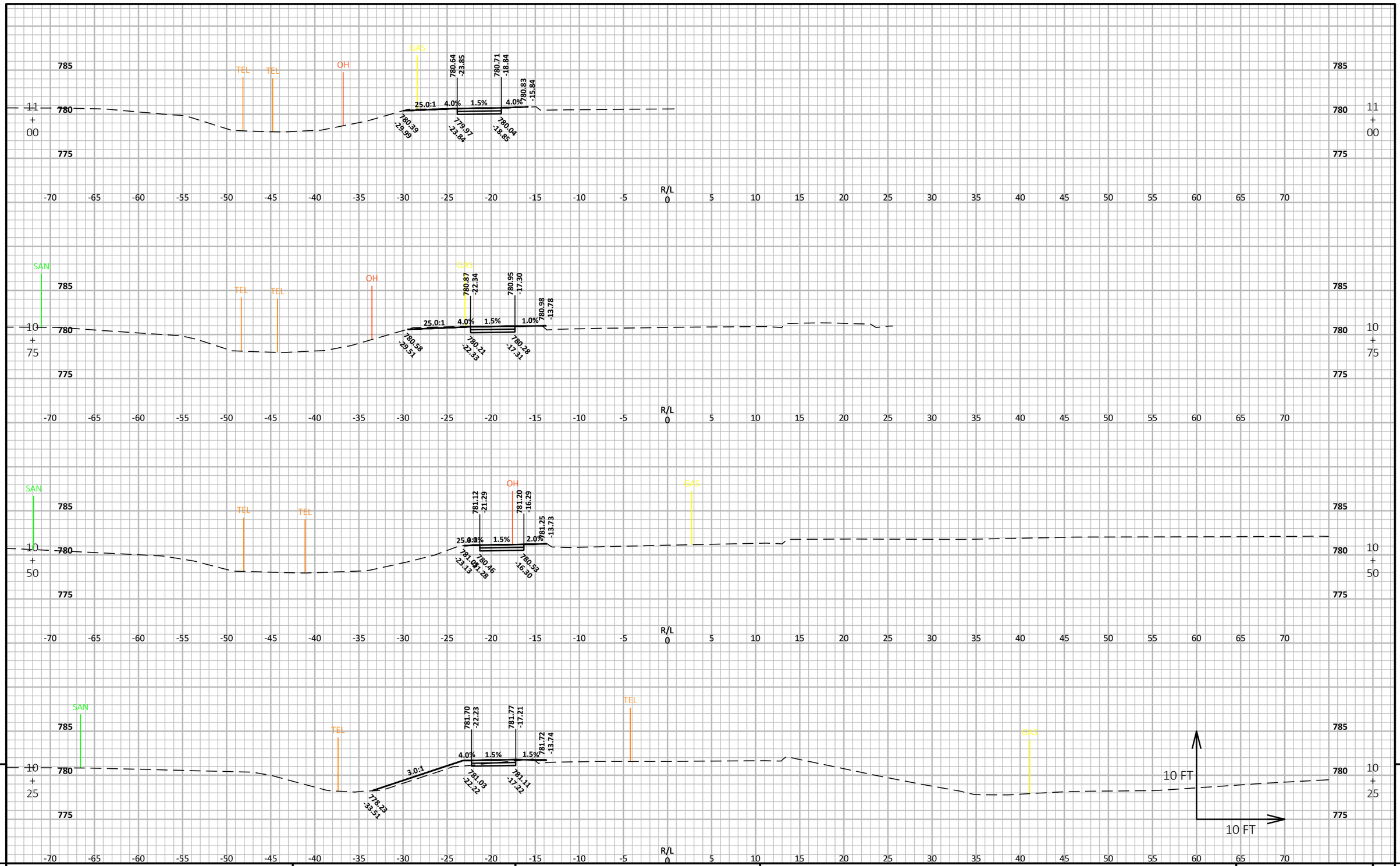
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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090244-xs

PLOT DATE : 1/4/2022 6:55 AM PLOT BY : MATT TOMSOVIC PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: COLORADO AVE. SIDEWALK	SHEET	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090250-xs

PLOT DATE : 9/28/2022 1:45 PM

PLOT BY : RYAN BETKER

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49