GRE

PROJECT ID: 4075-40-71

WITH: N/A

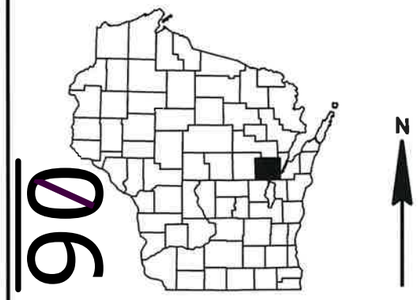
COUNTY: OUTAGAMIE

JULY 2025

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 = 472



N

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	WISC 2025555	1

DESIGN DESIGNATION

A.A.D.T.	(2026)	=	30,990
A.A.D.T.	(2046)	=	33,370
D.H.V.		=	3,700
D.D.		=	59/41
T.		=	15.2%
DESIGN SPEED		=	40 MPH
ESALS		=	7,000,000

CONVENTIONAL SYMBOLS

PLAN

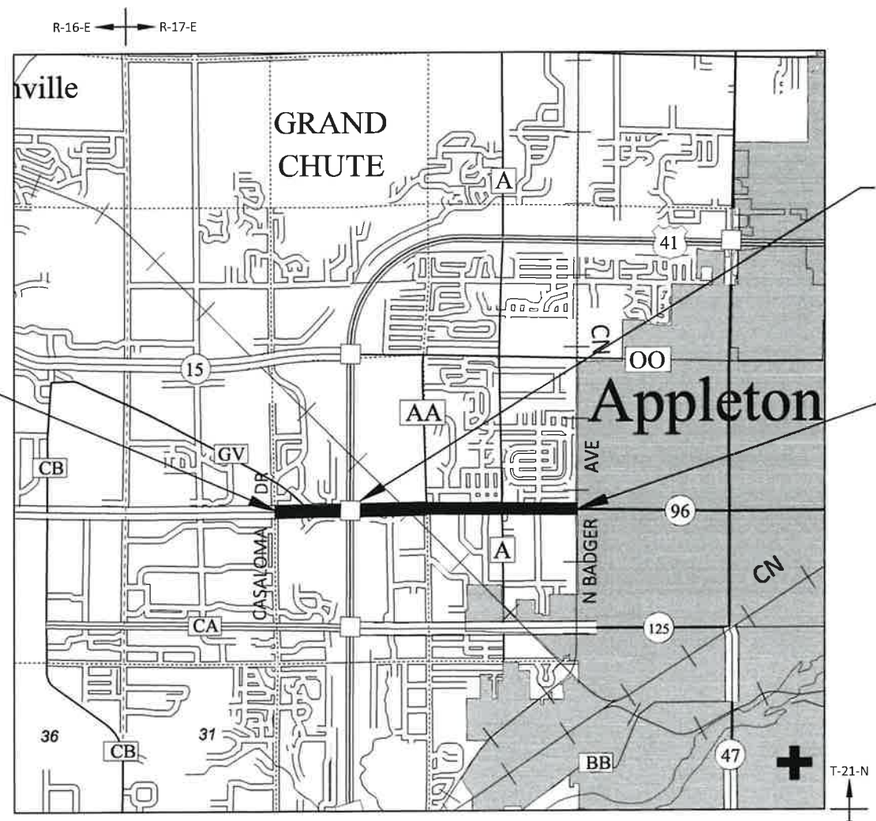
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

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

UTILITIES

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



LAYOUT

SCALE 0 1 MI

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.

ACCEPTED FOR

TOWN OF GRAND CHUTE

Date 4-7-25 (Signature and Title of Official)

ORIGINAL PLANS PREPARED BY

Westwood

WISCONSIN STEVEN M. SEYMOUR E-36629 APPLETON, WI PROFESSIONAL ENGINEER

DATE: 4-3-25 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

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

APPROVED FOR THE DEPARTMENT

DATE: 5/28/2025 (Signature)

E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_010101-TI.DWG

PLOT DATE : 4/3/2025 9:29 AM PLOT BY : MATT TOMSOVIC 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.

ADDITIONAL UTILITY MANHOLES ARE NOT SHOWN IN PLAN INCLUDING IN EXISTING PAVEMENT. CONTRACTOR SHALL VERIFY MANHOLES THAT MAY BE IMPACTED BY CONSTRUCTION AND ADJUST AS NECESSARY.

THE PRESENCE OR REMOVAL OF ANY REINFORCEMENT, REBAR OR WIRE MESH FOUND IN ANY EXISTING CONCRETE PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE REMOVING CONCRETE PAVEMENT OR REMOVING PAVEMENT FOR BASE PATCHING ITEMS.

ORDER OF SECTION 2 DETAIL SHEETS

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

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

MICHAEL ANDRASCHKO, PLS
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920) 492-4166
michael.andraschko@dot.wi.gov

NE REGION PROJECT MANAGER

JESSE HANSEN
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920) 492-5630
jesse.hansen@dot.wi.gov

UTILITIES CONTACTS

GAS/PETROLEUM
ANR PIPELINE CO
KEVIN WAGER
N4956 OAKCREST DRIVE
BONDUEL, WI 54107
PHONE: 832-954-9605
EMAIL: KEVIN_WAGER@TCENERGY.COM

COMMUNICATIONS
SPECTRUM
JODY THIEL
3520 E DESTINATION DRIVE
APPLETON, WI 54915
PHONE: 920-831-9258
EMAIL: JODY.THIEL@CHARTER.COM

COMMUNICATIONS
AT&T WISCONSIN
KYLE WEBER
221 W WASHINGTON STREET
APPLETON, WI 54911
PHONE: 920-221-5969
EMAIL: KW715W@ATT.COM

COMMUNICATIONS
TDS METROCOM LLC
COLE HOOKER
2900 N ZUEHLKE DRIVE
SUITE B
APPLETON, WI 54911
PHONE: 608-332-8243
EMAIL: COLE.HOOKER@TDSTELECOM.COM

WATER
GRAND CHUTE SANITARY DISTRICT 1
JORDAN JOLMA
1900 W GRAND CHUTE BOULEVARD
GRAND CHUTE, WI 54913
PHONE: 920-830-2925
MOBILE: 920-419-2516
EMAIL: JORDAN.JOLMA@GRANDCHUTEWI.GOV

ELECTRIC
WE ENERGIES
SHANE BRUHNKE
800 S LYNNDALE DRIVE
APPLETON, WI 54914
PHONE: 920-380-3450
EMAIL: SHANE.BRUHNKE@WE-ENERGIES.COM

SEWER
GRAND CHUTE SANITARY DISTRICT 2
JORDAN JOLMA
1900 W GRAND CHUTE BOULEVARD
GRAND CHUTE, WI 54913
PHONE: 920-830-2925
MOBILE: 920-419-2516
EMAIL: JORDAN.JOLMA@GRANDCHUTEWI.GOV

GAS/PETROLEUM
WE ENERGIES
HEATH MARTINSON
800 S LYNNDALE DRIVE
APPLETON, WI 54914
PHONE: 920-380-3341
MOBILE: 920-984-0274

COMMUNICATIONS
LEVEL 3 COMMUNICATIONS LLC
JASON BUSSE
3235 INTERTECH DRIVE
SUITE 600
BROOKFIELD, WI 53045
PHONE: 414-224-6713
MOBILE: 715-415-3214
EMAIL: JASON.BUSSE@LUMEN.COM

COMMUNICATIONS
WIN TECHNOLOGY
ERIC BECKER
4955 BULLIS FARM ROAD
EAU CLAIRE, WI 54701
PHONE: 715-797-2724
EMAIL: ERIC.BECKER@WINTECHNOLOGY.COM

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

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 = 48.17 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 4.68 ACRES

2

2

N

Town of Grand Chute

City of Appleton

CTH GV/W GREENVILLE DR

N MCCARTHY RD

IH 41

CN RAILROAD

REXFORD RD

POPP LN

WILHARMS DR.

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

END PROJECT
STA 206+96.12

N. COLORADO AVE

B-44-0158
B-44-0157

STH 96/W WISCONSIN AVE

110 120 130 140 150 160 170 180 190 200 210

FOX RIVER MALL ENTRANCE

WHEELR RD

30

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

FOX VALLEY AND LAKE SUPERIOR RAIL SYSTEM LLC

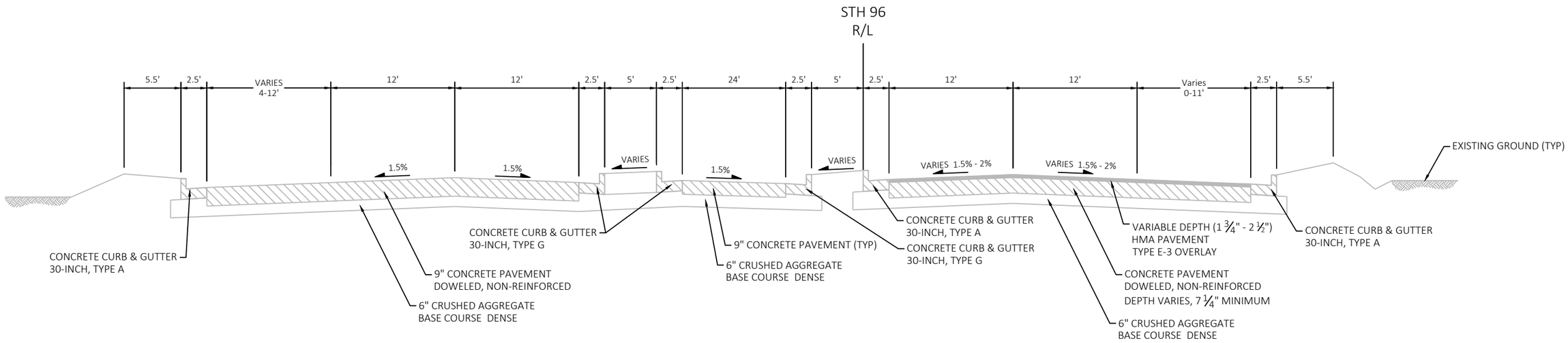
N BADGER AVE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_020201-PO.DWG
LAYOUT NAME - 407540_020201-po

PLOT DATE : 11/7/2024 4:23 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:1000 FT

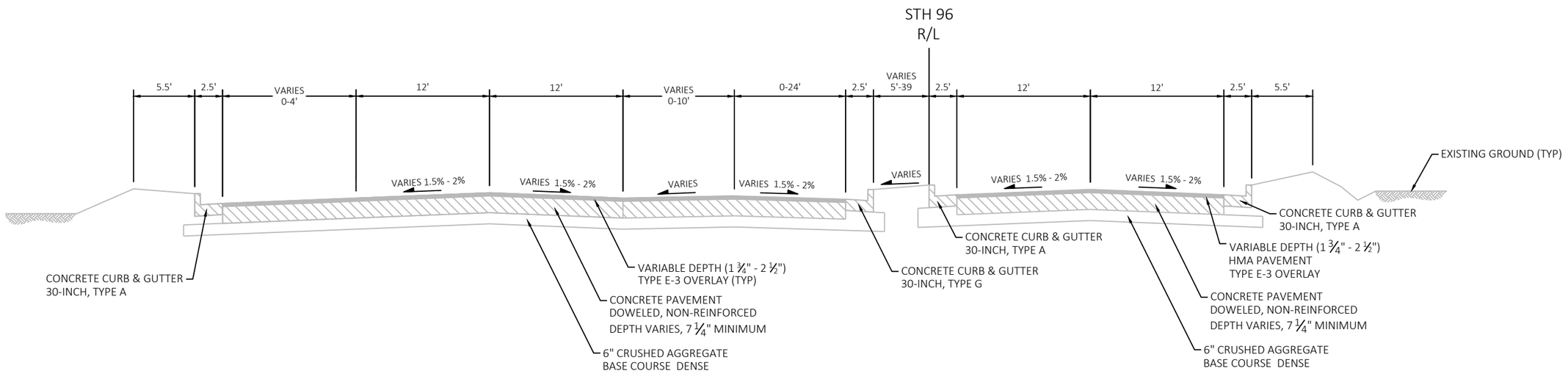
WISDOT/CADDS SHEET 42



EXISTING HMA PAVEMENT TYPE E-3 OVERLAY BEGINS AT STA 102+04 EB

EXISTING TYPICAL SECTION STH 96

STA 101+73.46 TO STA 103+84



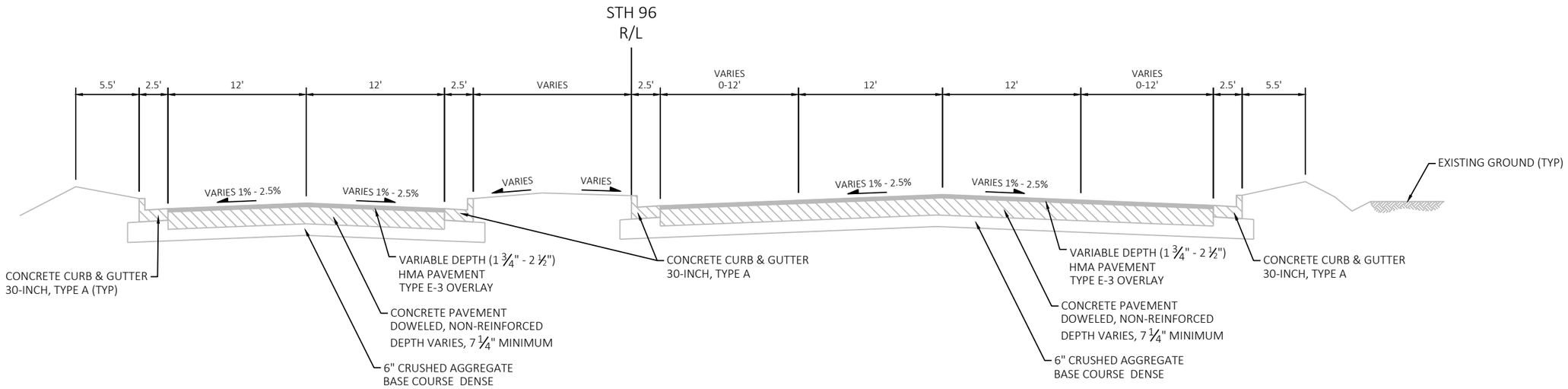
EXISTING TYPICAL SECTION STH 96

STA 103+84 TO STA 108+15

EXISTING HMA PAVEMENT TYPE E-3 OVERLAY BEGINS AT STA 103+88 WB

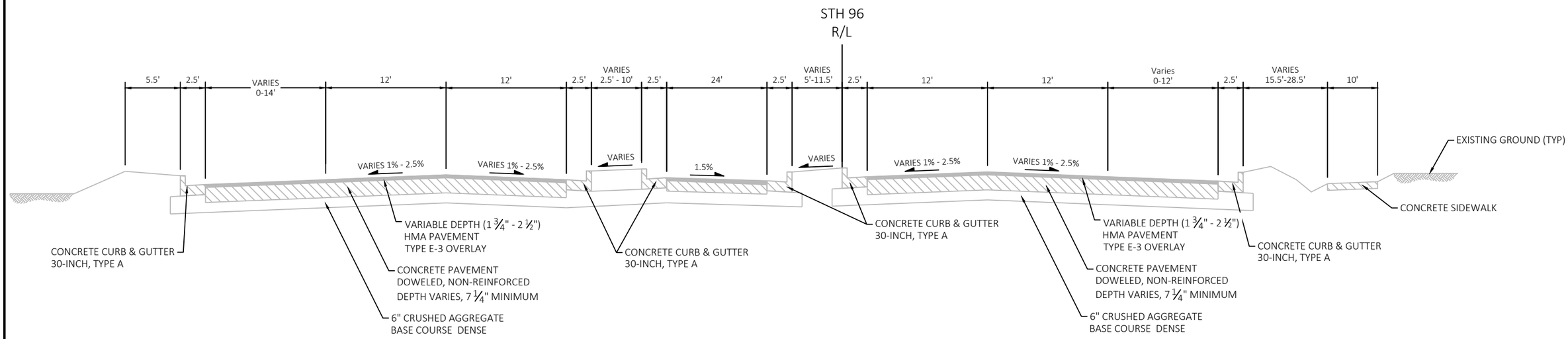
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 4	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_020301-TS.DWG
LAYOUT NAME - 407540_020301-ts
PLOT DATE : 11/7/2024 11:01 AM
PLOT BY : COREY RAYFORD
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42



EXISTING TYPICAL SECTION STH 96

STA 108+15 TO STA 112+10



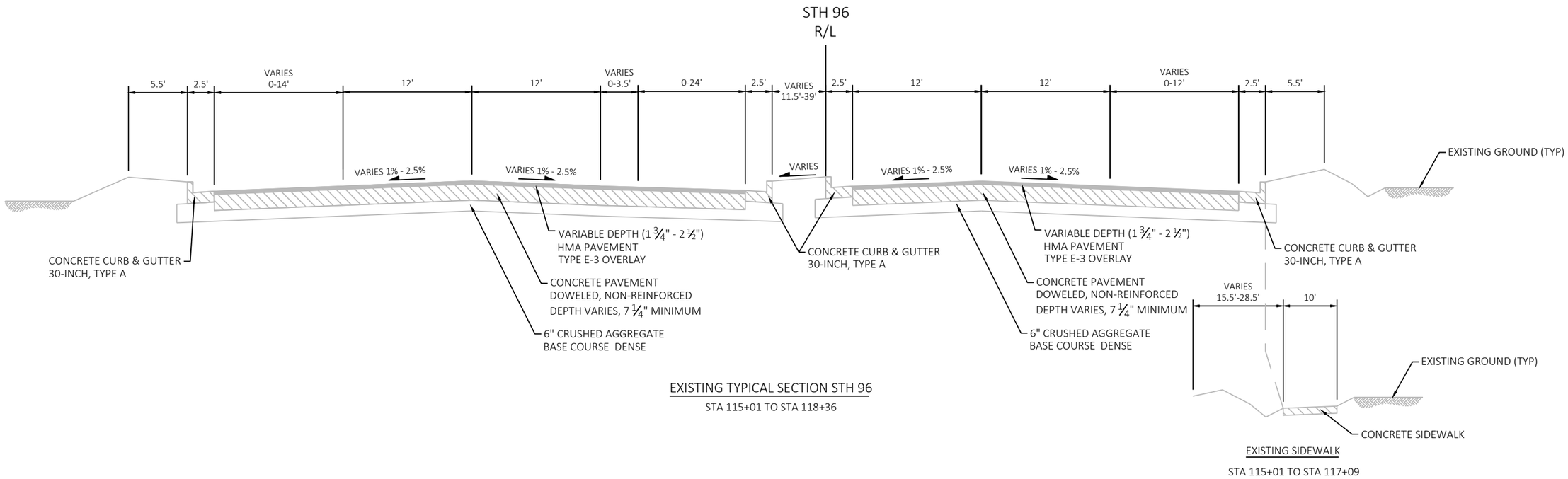
EXISTING TYPICAL SECTION STH 96

STA 112+10 TO STA 115+01

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 5	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_020301-TS.DWG
LAYOUT NAME - 407540_020302-ts

PLOT DATE : 11/7/2024 11:01 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1IN:10 FT

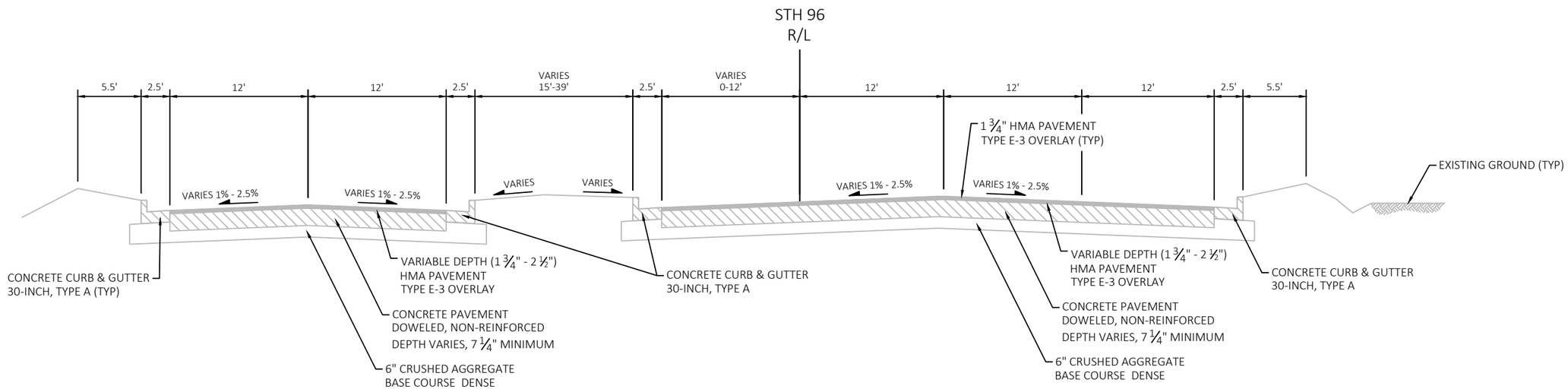


EXISTING TYPICAL SECTION STH 96

STA 115+01 TO STA 118+36

EXISTING SIDEWALK

STA 115+01 TO STA 117+09



EXISTING TYPICAL SECTION STH 96

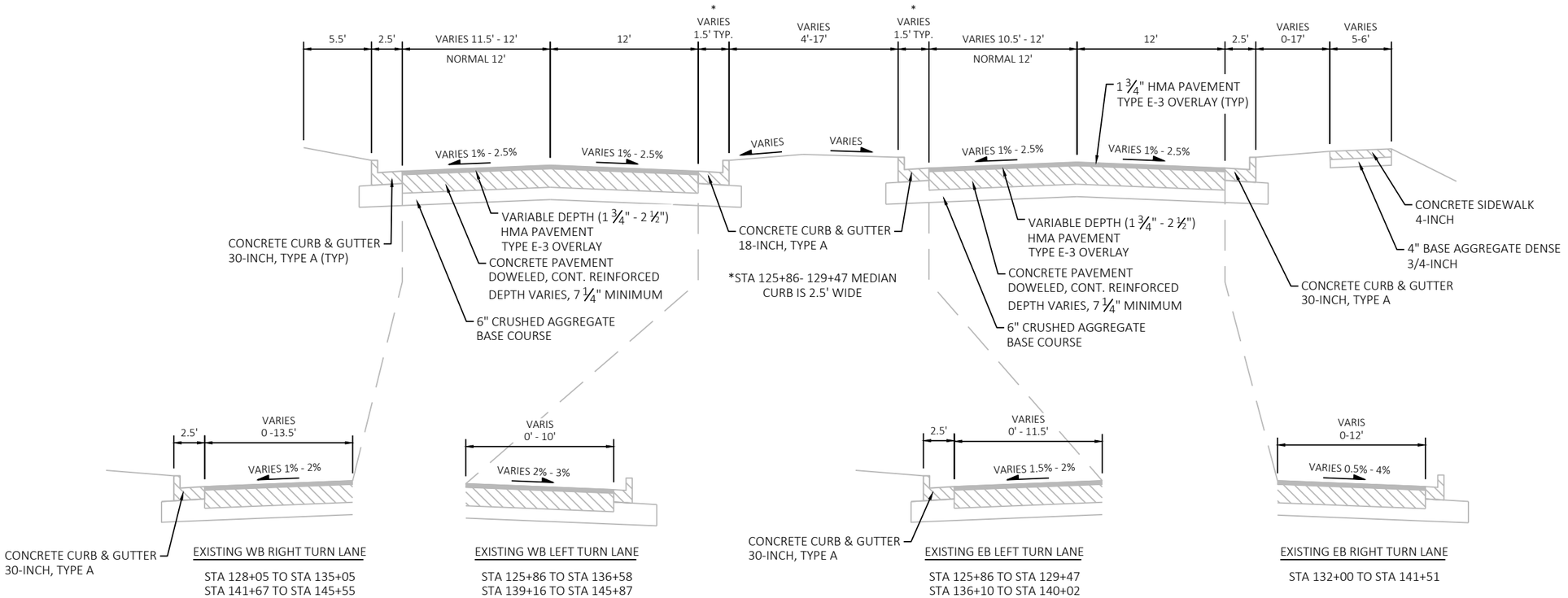
STA 118+36 TO STA 125+86

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 6	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_020301-TS.DWG
LAYOUT NAME - 407540_020303-ts

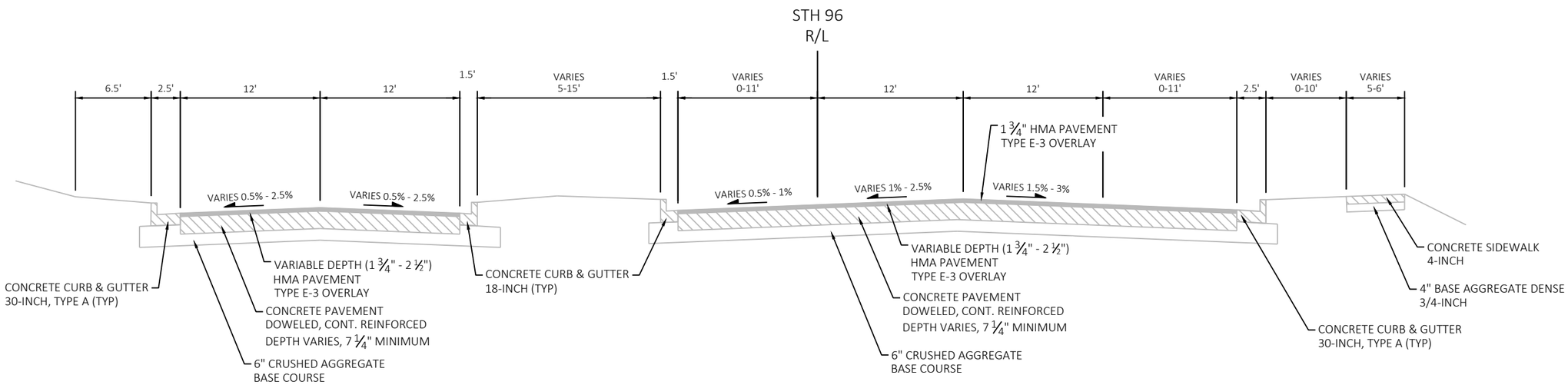
PLOT DATE : 11/7/2024 11:01 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1IN:10 FT

WISDOT/CADDS SHEET 42



EXISTING TYPICAL SECTION STH 96

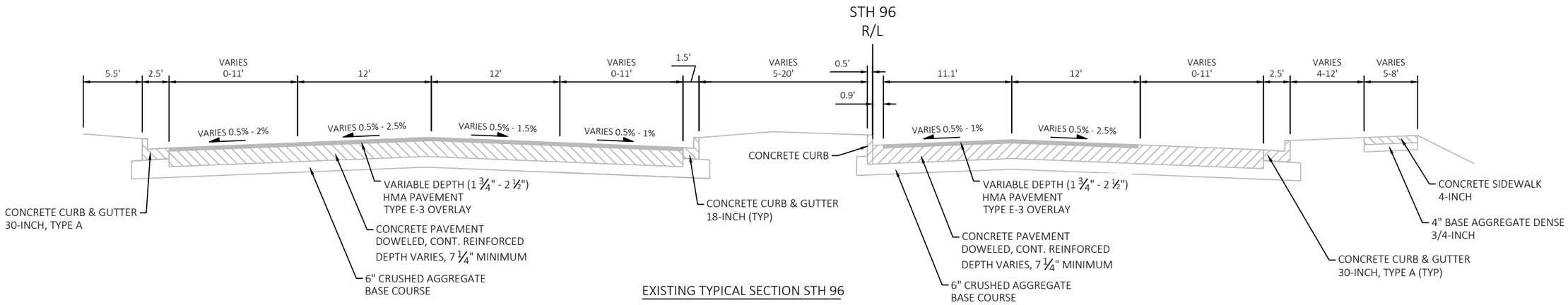
STA 125+86 TO 149+43



EXISTING TYPICAL SECTION STH 96

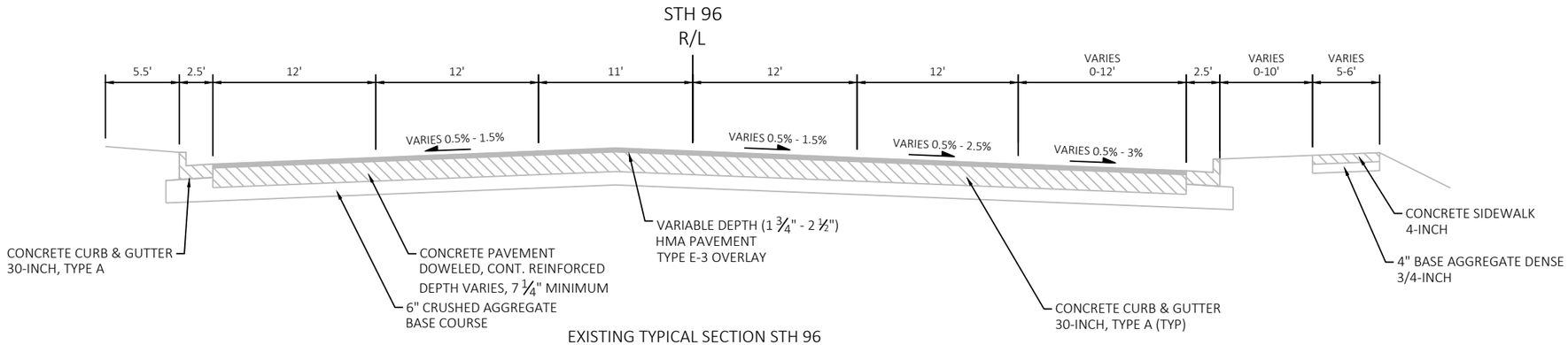
STA 149+43 TO STA 154+00

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 7	E



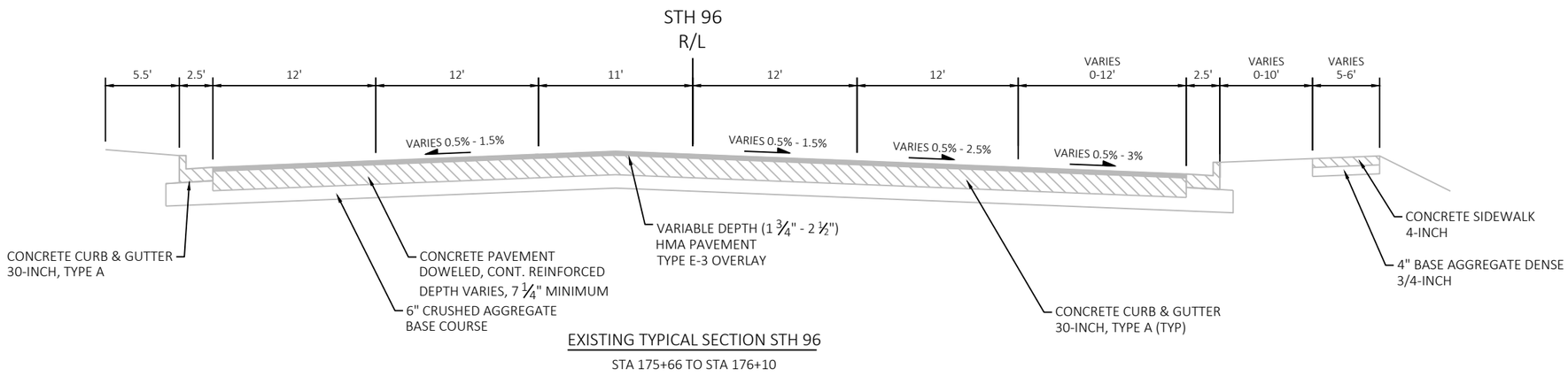
EXISTING TYPICAL SECTION STH 96

STA 154+00 TO STA 159+18



EXISTING TYPICAL SECTION STH 96

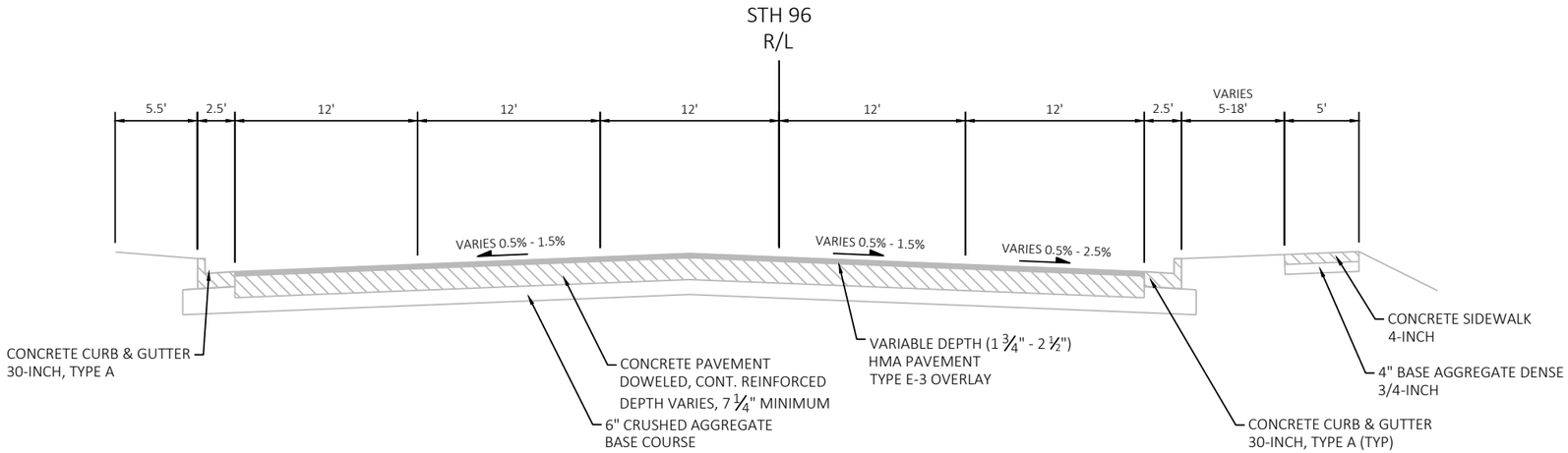
STA 159+18 TO STA 161+82
STA 163+35 TO STA 166+57



EXISTING TYPICAL SECTION STH 96

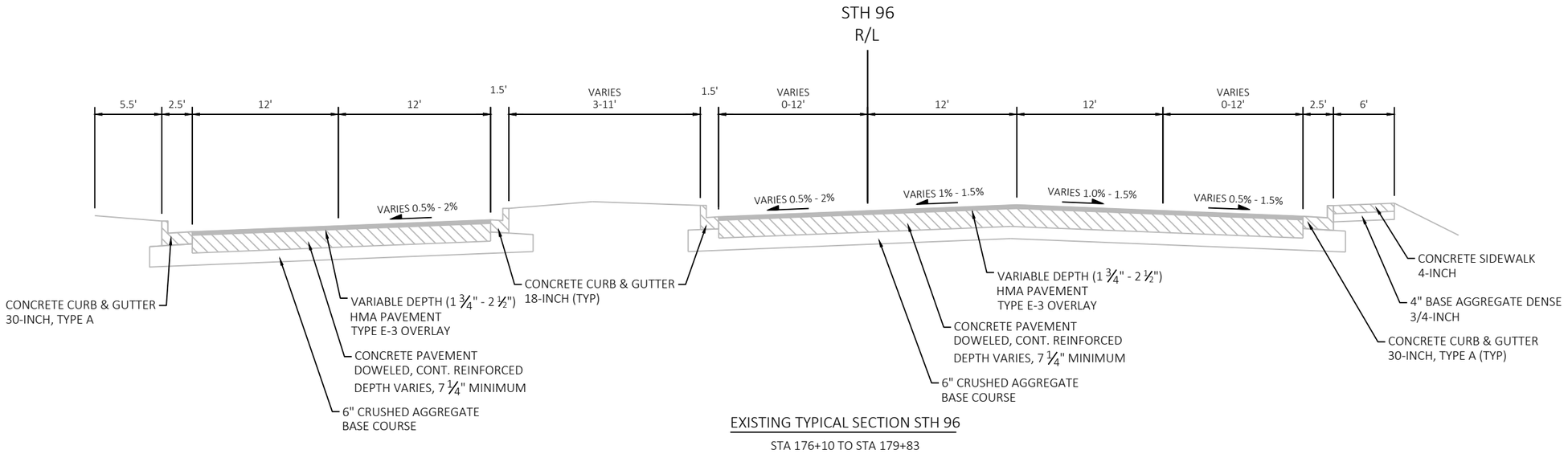
STA 175+66 TO STA 176+10

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 8	E



EXISTING TYPICAL SECTION STH 96

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

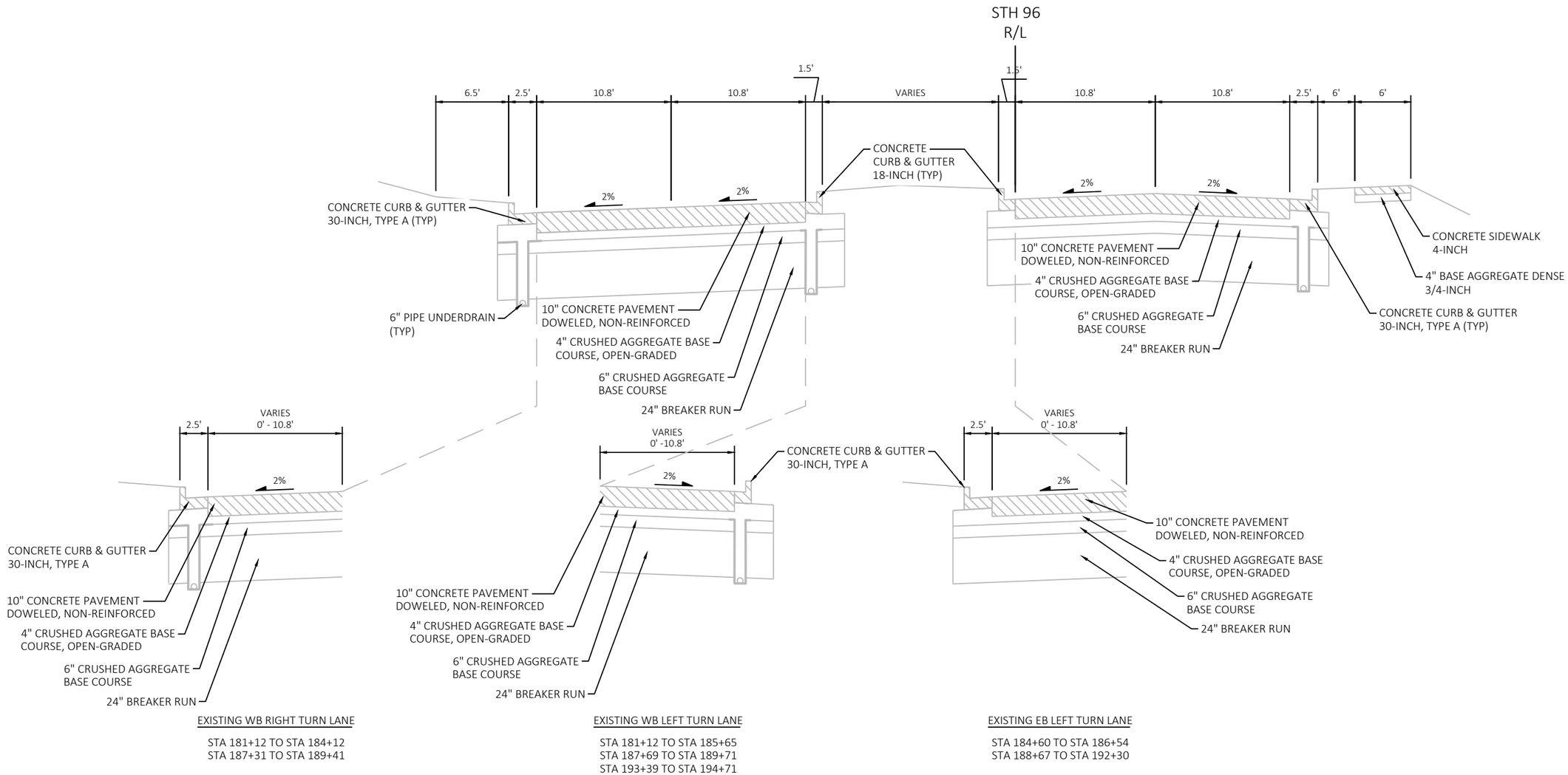


EXISTING TYPICAL SECTION STH 96

STA 176+10 TO STA 179+83

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 9	E

2



EXISTING WB RIGHT TURN LANE

STA 181+12 TO STA 184+12
STA 187+31 TO STA 189+41

EXISTING WB LEFT TURN LANE

STA 181+12 TO STA 185+65
STA 187+69 TO STA 189+71
STA 193+39 TO STA 194+71

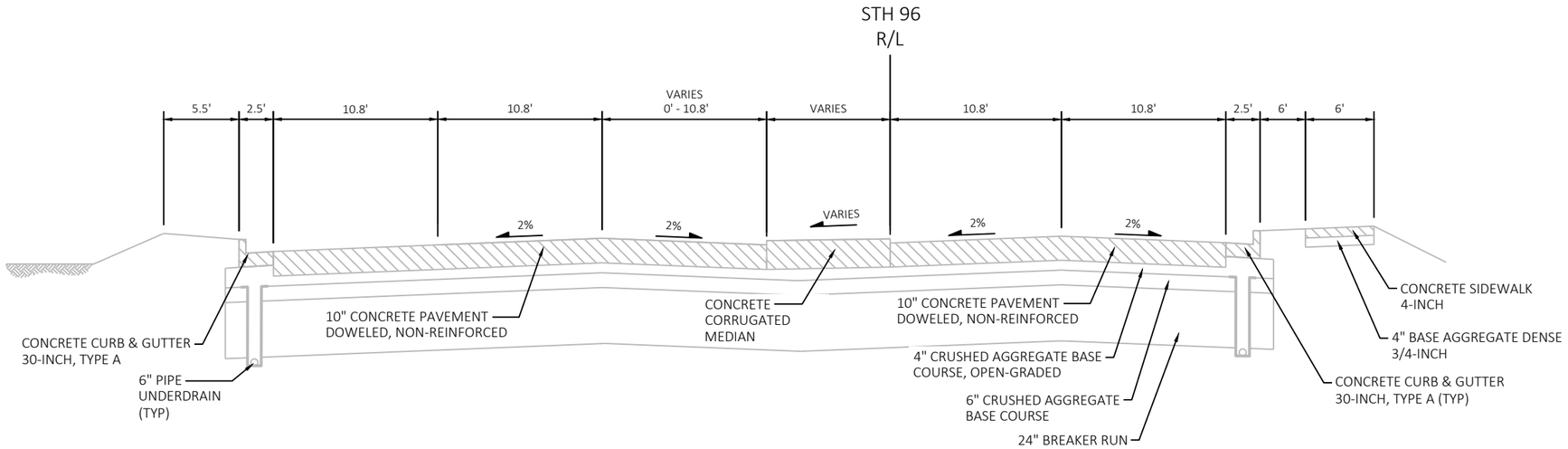
EXISTING EB LEFT TURN LANE

STA 184+60 TO STA 186+54
STA 188+67 TO STA 192+30

EXISTING TYPICAL SECTION STH 96

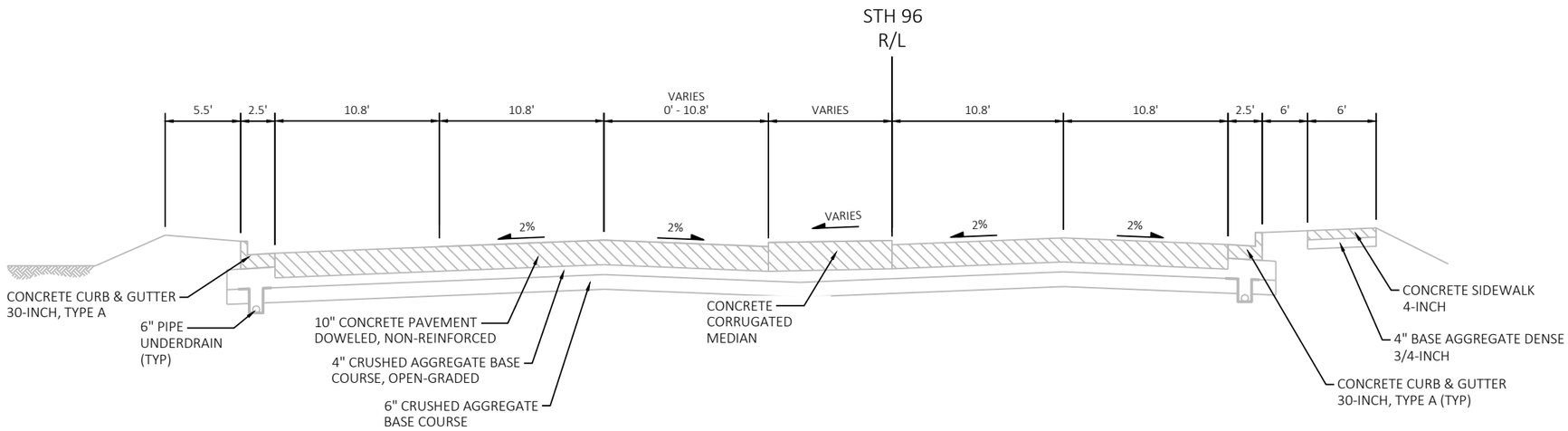
STA 179+83 TO STA 194+71

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 10	E



EXISTING TYPICAL SECTION STH 96

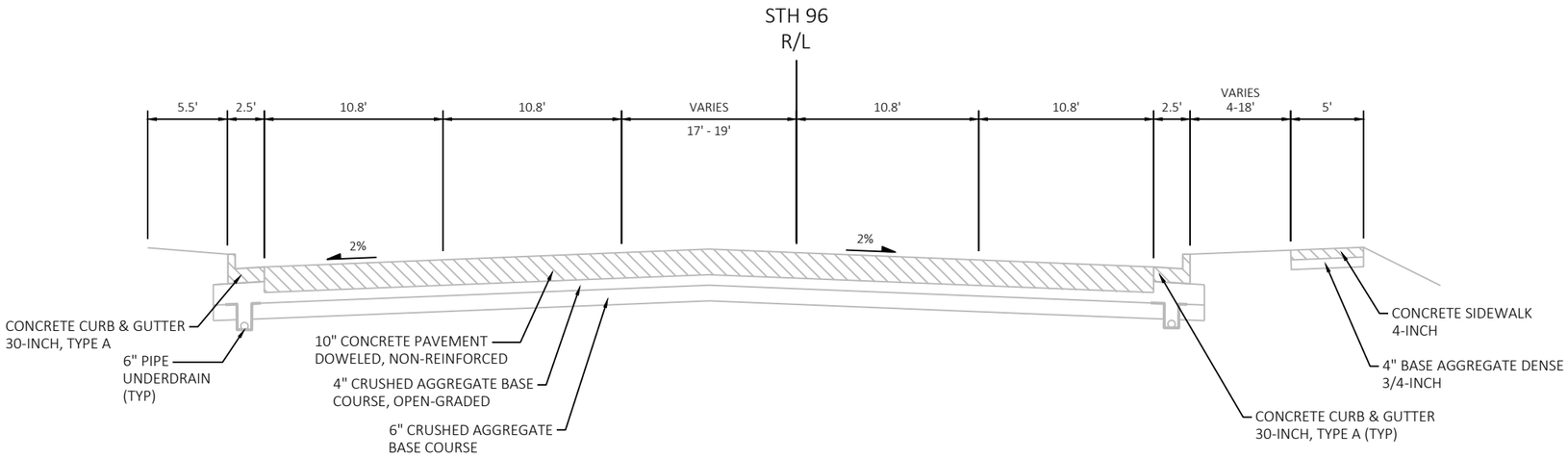
STA 194+71 TO STA 195+08



EXISTING TYPICAL SECTION STH 96

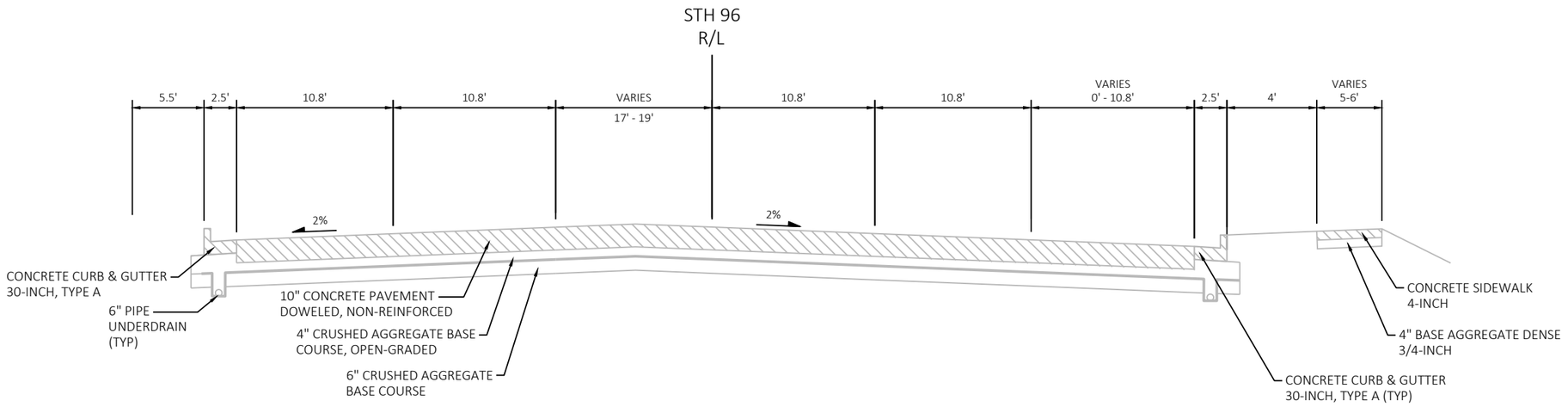
STA 195+08 TO STA 196+39

2



EXISTING TYPICAL SECTION STH 96

STA 196+39 TO STA 201+95

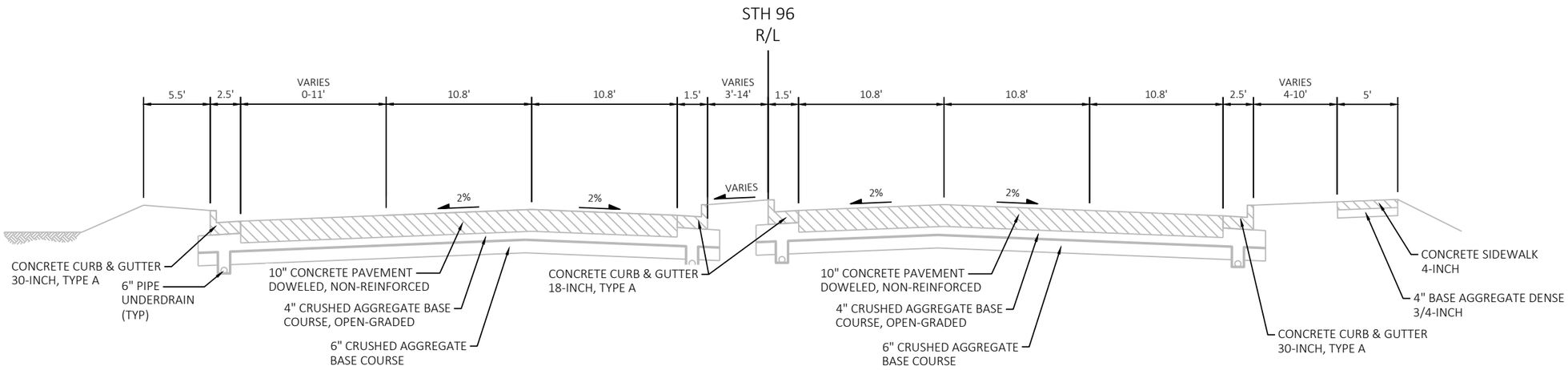


EXISTING TYPICAL SECTION STH 96

STA 201+95 TO STA 204+67

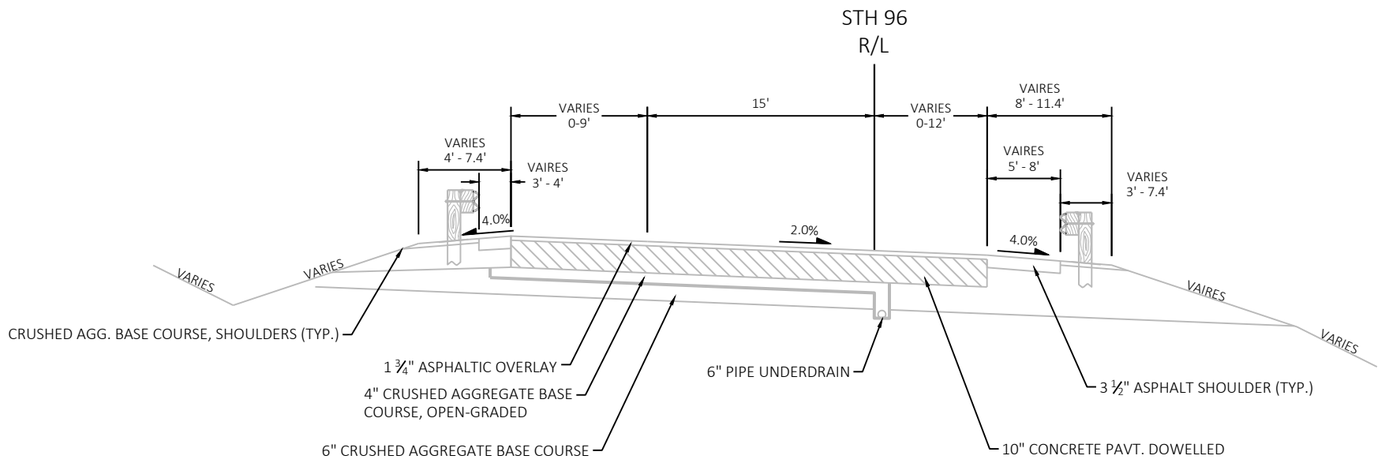
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 12	E

2



EXISTING TYPICAL SECTION STH 96

STA 204+67 TO STA 206+96.12



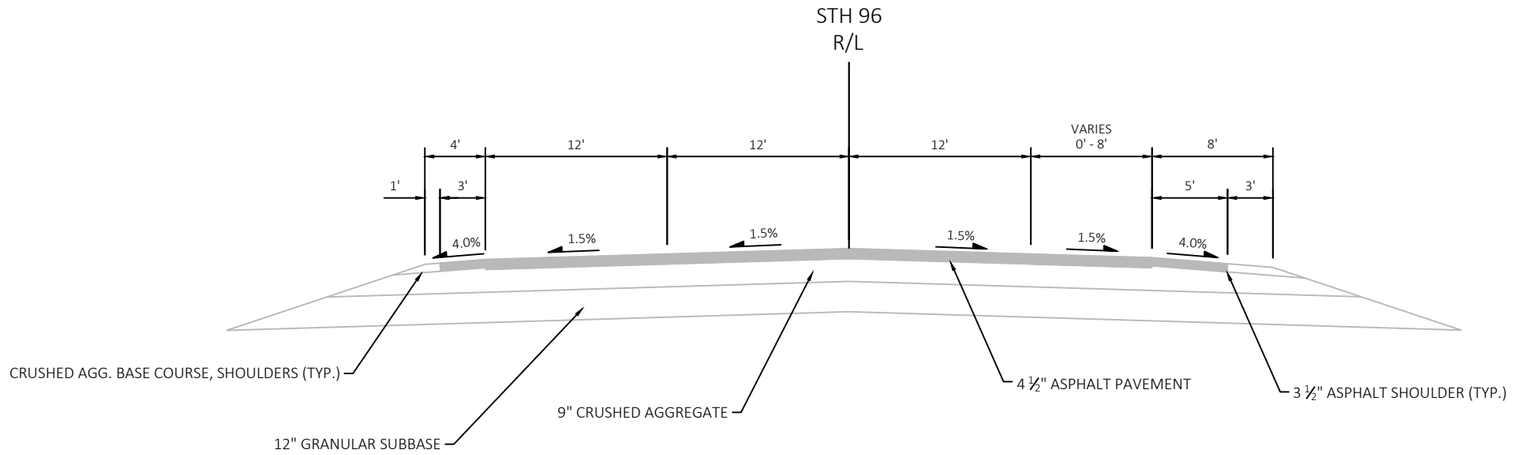
EXISTING TYPICAL SECTION STH 96 - N.B. OFF RAMP

STA 30+66.10 TO STA 32+75

* STA 32+32 TO STA 32+75 LT & RT (BEAMGUARD LIMITS)

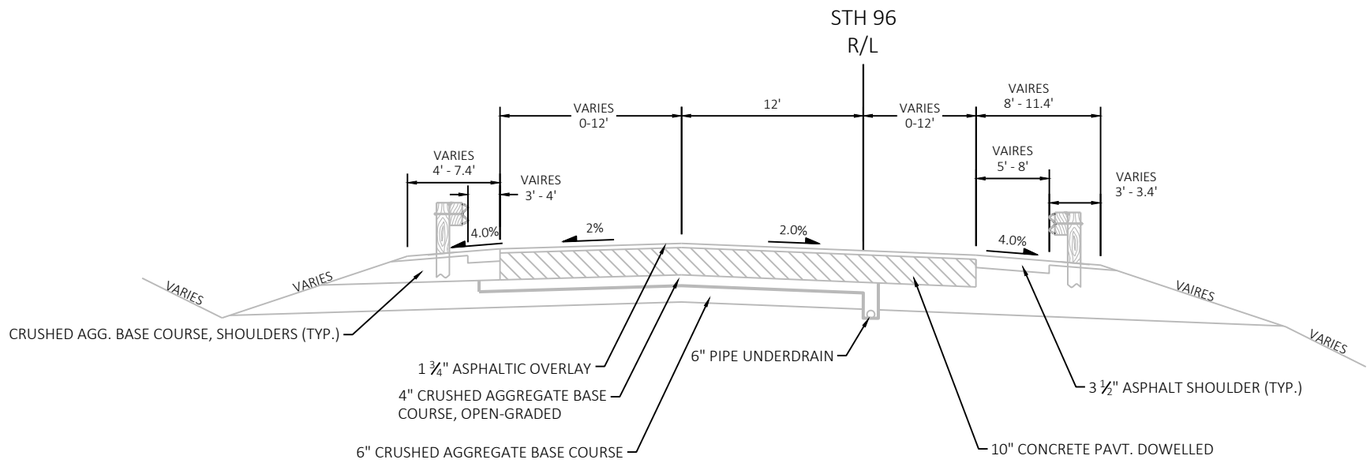
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 13	E

2



EXISTING TYPICAL SECTION STH 96 - N.B. OFF RAMP

STA 36+15 TO STA 37+45.11



EXISTING TYPICAL SECTION STH 96 - N.B. OFF RAMP

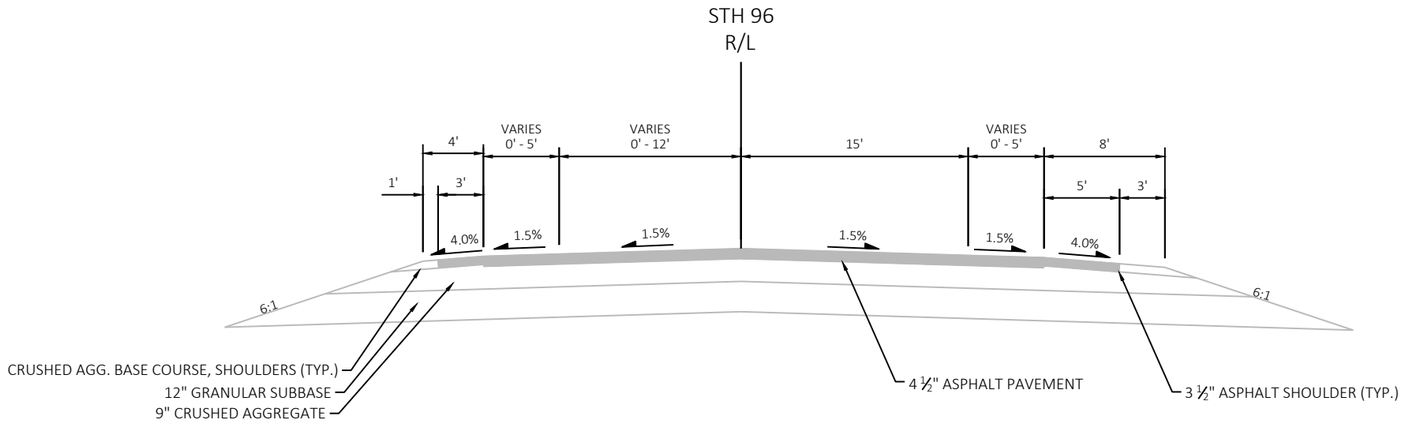
STA 32+75 TO STA 36+15

* STA 32+75 TO STA 33+52 LT & RT (BEAMGUARD LIMITS)

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 14	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_020301-TS.DWG
LAYOUT NAME - 407540_020311-ts
PLOT DATE : 11/7/2024 11:02 AM
PLOT BY : COREY RAYFORD
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

2

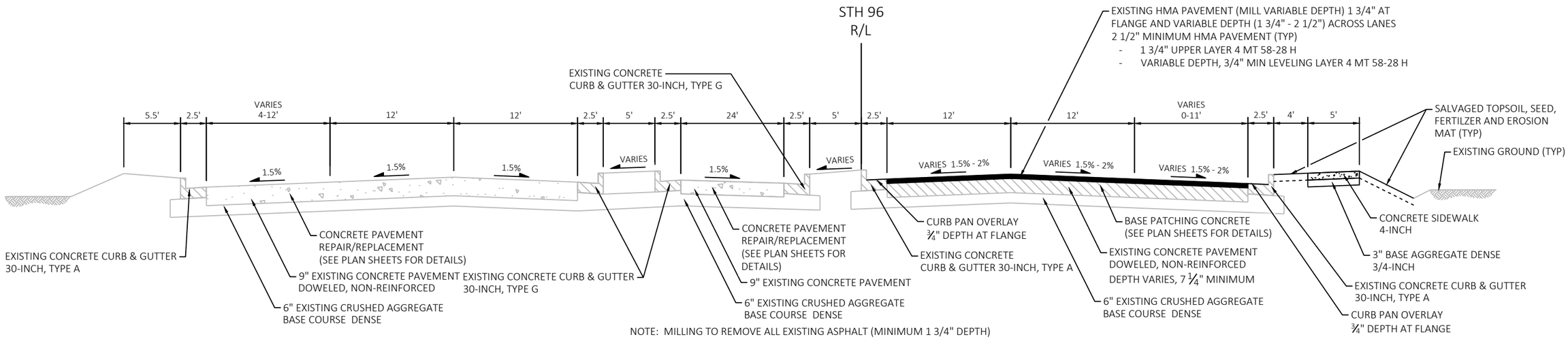


EXISTING TYPICAL SECTION STH 96 - S.B. ON RAMP

STA 7+96.53 TO STA 9+48.96

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - EXISTING	SHEET 15	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_020301-TS.DWG
LAYOUT NAME - 407540_020312-ts
PLOT DATE : 11/7/2024 11:02 AM
PLOT BY : COREY RAYFORD
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

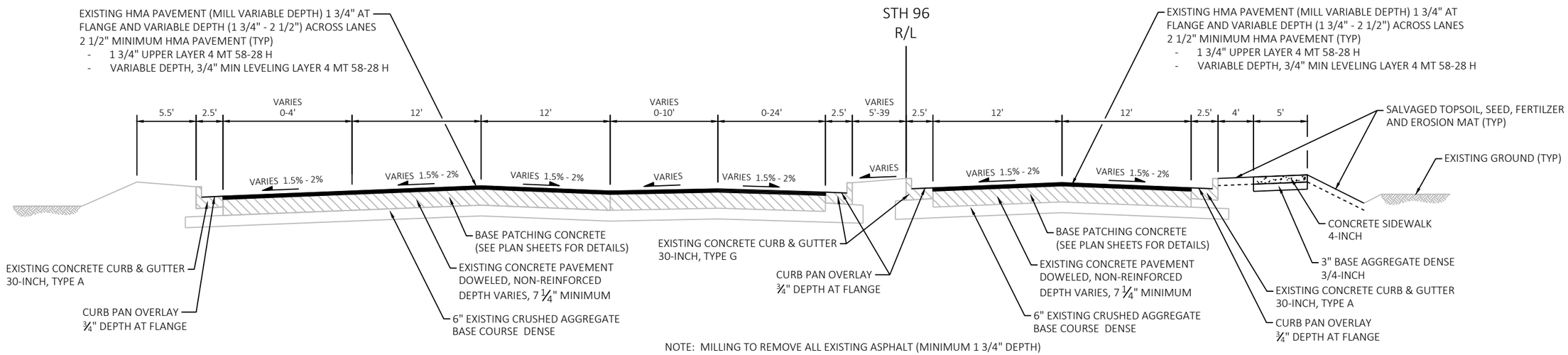


NOTE: MILLING TO REMOVE ALL EXISTING ASPHALT (MINIMUM 1 3/4" DEPTH)

PROPOSED MILL AND HMA PAVEMENT LAYERS BEGIN AT STA 102+04 EB

FINISHED TYPICAL SECTION STH 96

STA 101+73.46 TO STA 103+84



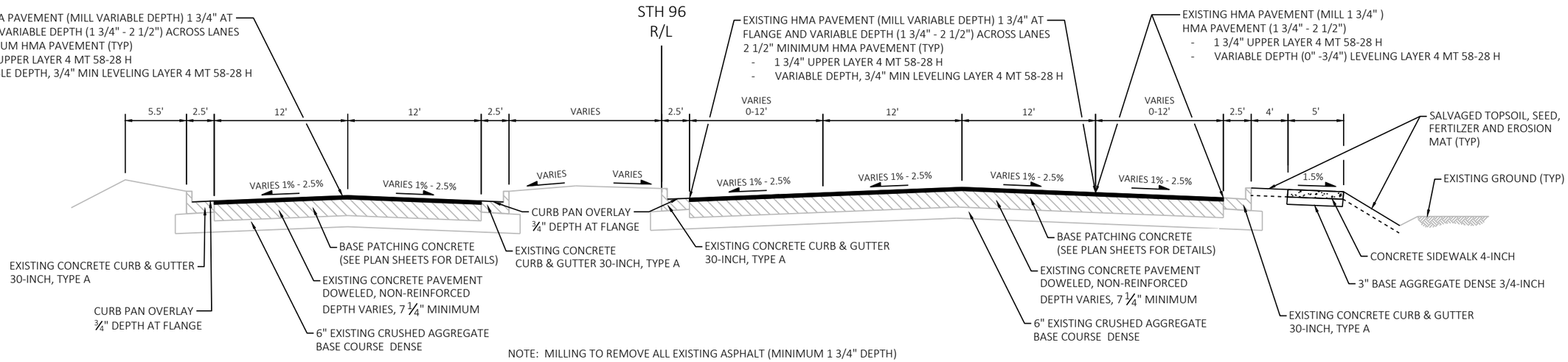
NOTE: MILLING TO REMOVE ALL EXISTING ASPHALT (MINIMUM 1 3/4" DEPTH)

FINISHED TYPICAL SECTION STH 96

STA 103+84 TO STA 108+15

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

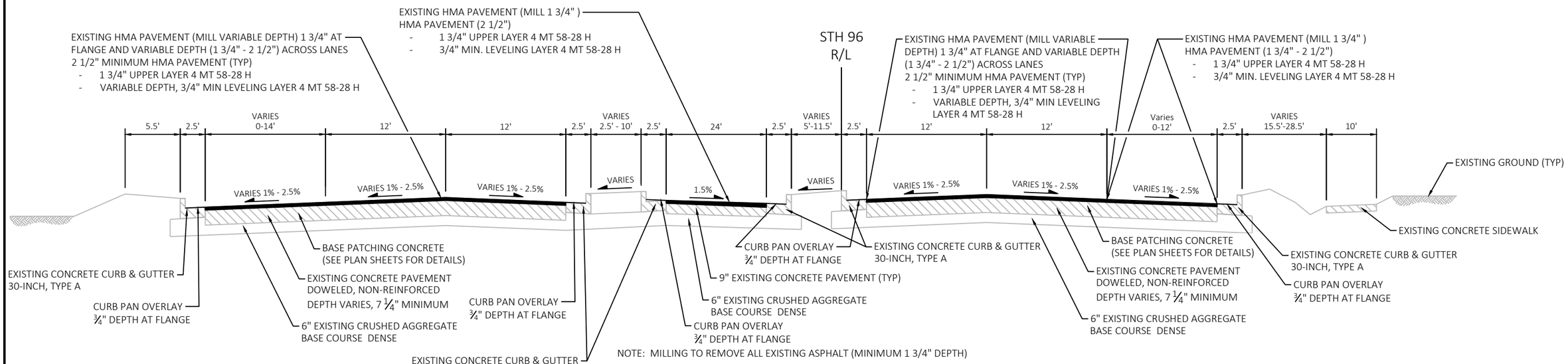
NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.



NOTE: MILLING TO REMOVE ALL EXISTING ASPHALT (MINIMUM 1 3/4" DEPTH)

FINISHED TYPICAL SECTION STH 96

STA 108+15 TO STA 112+10



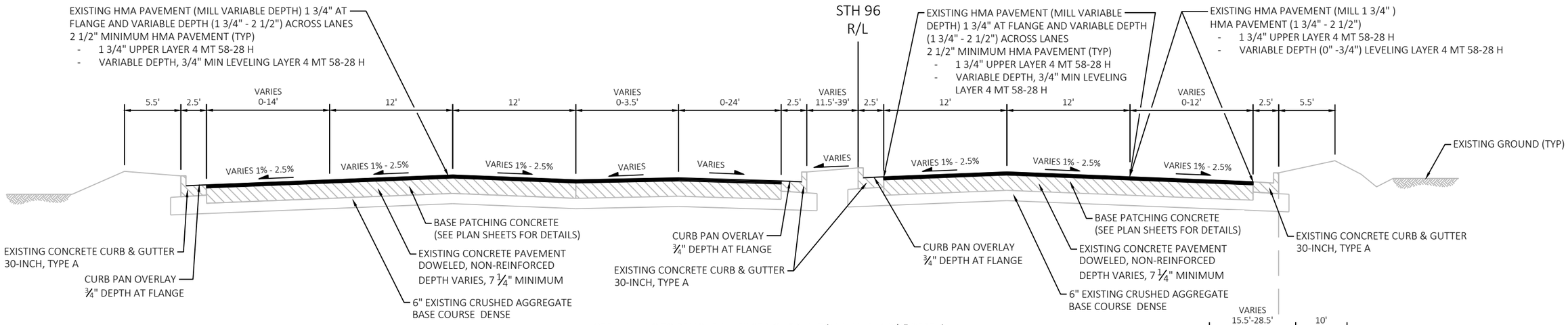
NOTE: MILLING TO REMOVE ALL EXISTING ASPHALT (MINIMUM 1 3/4" DEPTH)

FINISHED TYPICAL SECTION STH 96

STA 112+10 TO STA 115+01

NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - FINISHED	SHEET 17	E



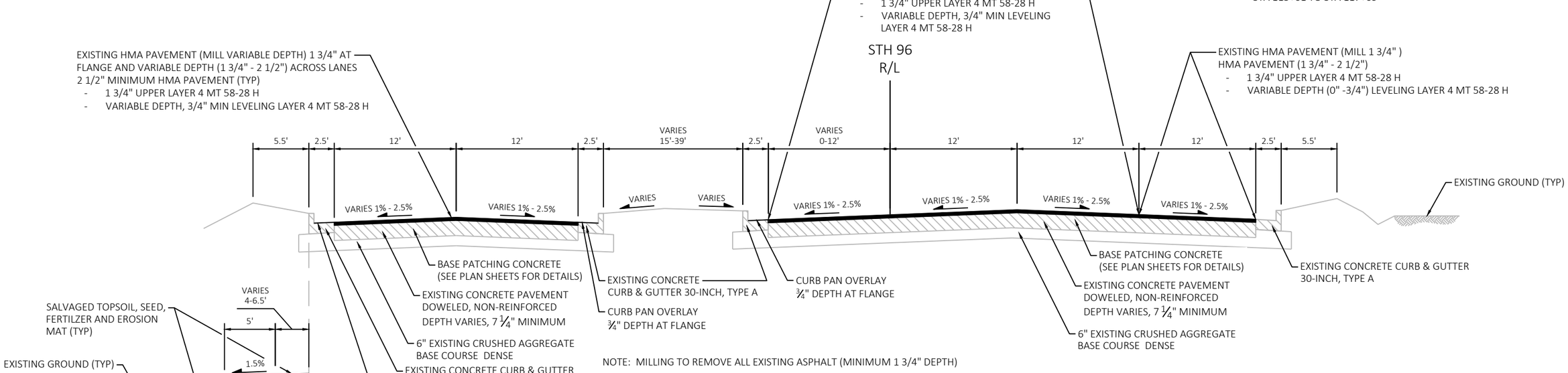
NOTE: MILLING TO REMOVE ALL EXISTING ASPHALT (MINIMUM 1 3/4" DEPTH)

FINISHED TYPICAL SECTION STH 96

STA 115+01 TO STA 118+36

EXISTING SIDEWALK

STA 115+01 TO STA 117+09



NOTE: MILLING TO REMOVE ALL EXISTING ASPHALT (MINIMUM 1 3/4" DEPTH)

FINISHED TYPICAL SECTION STH 96

STA 118+36 TO STA 125+86

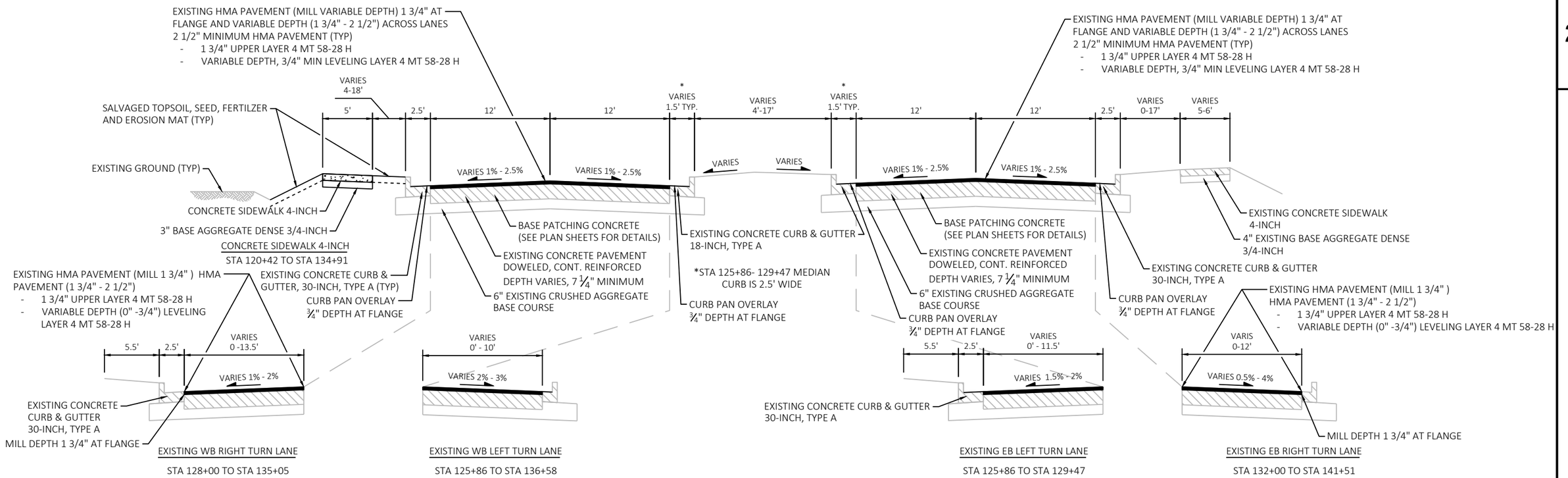
PROPOSED SIDEWALK

STA 120+42 TO STA 125+86

NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - FINISHED	SHEET 18	E

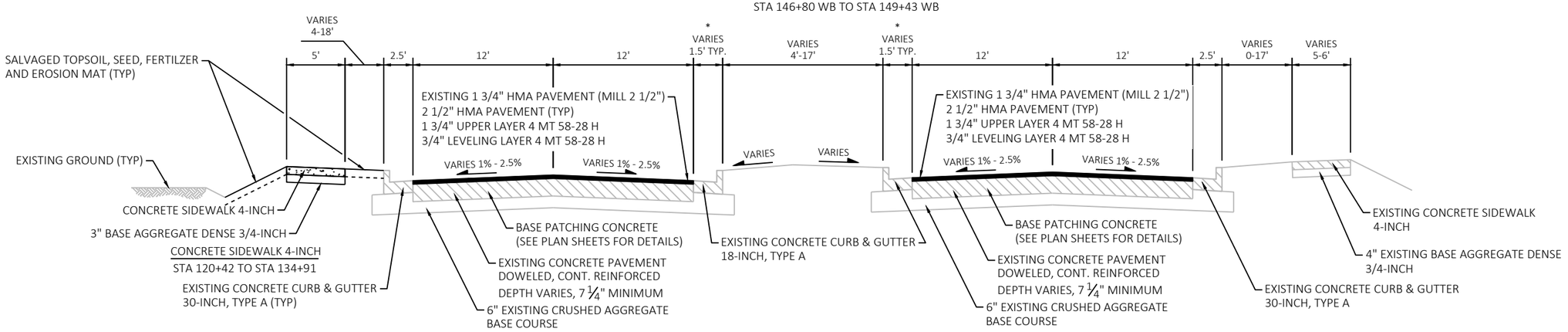
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_020301-TS.DWG
LAYOUT NAME - 407540_020323-ts
PLOT DATE : 5/21/2025 2:59 PM
PLOT BY : CRAIG KNUTH
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42



NOTE: MILLING TO REMOVE ALL EXISTING ASPHALT (MINIMUM 1 3/4" DEPTH)
NOTE: TRANSITION MILL DEPTH OVER 20 FEET AS TO NOT CHANGE THE VERTICAL CLEARANCE UNDER THE CN RAILROAD BRIDGE

FINISHED TYPICAL SECTION STH 96

STA 125+86 EB TO STA 146+50 EB
STA 147+20 EB TO STA 149+43 EB
STA 125+86 WB TO STA 146+10 WB
STA 146+80 WB TO STA 149+43 WB



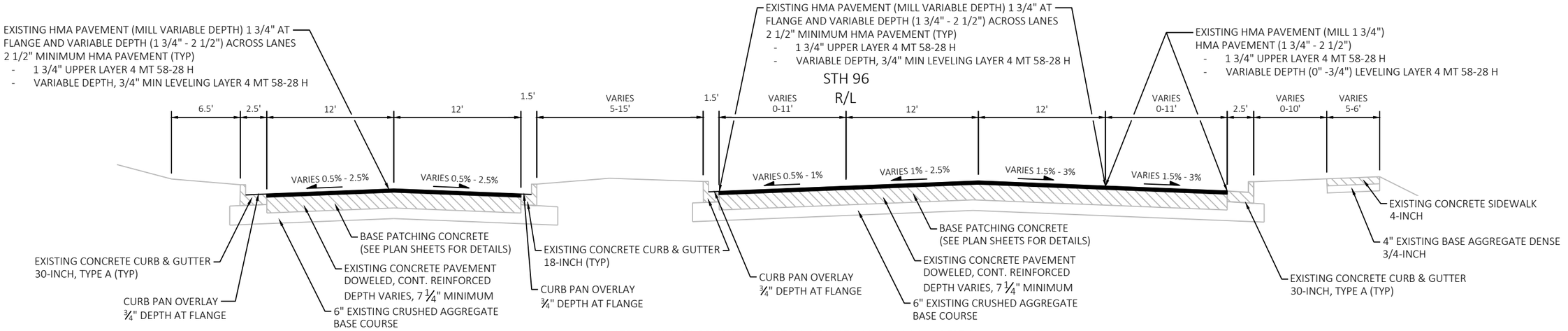
FINISHED TYPICAL SECTION STH 96

STA 146+50 EB TO STA 147+20 EB
STA 146+10 WB TO STA 146+80 WB

NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - FINISHED	SHEET 19	E

2



NOTE: MILLING TO REMOVE ALL EXISTING ASPHALT (MINIMUM 1 3/4" DEPTH)

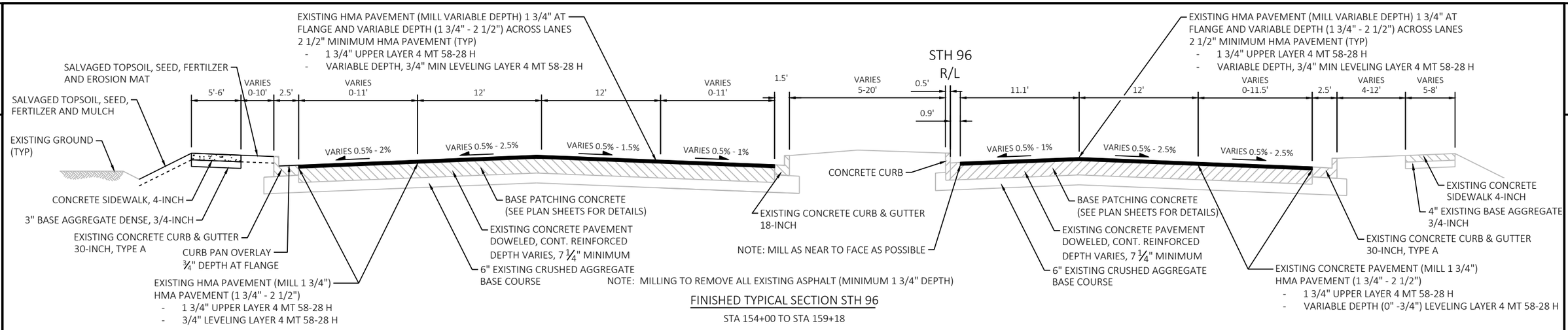
FINISHED TYPICAL SECTION STH 96

STA 149+43 TO STA 154+00

NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.

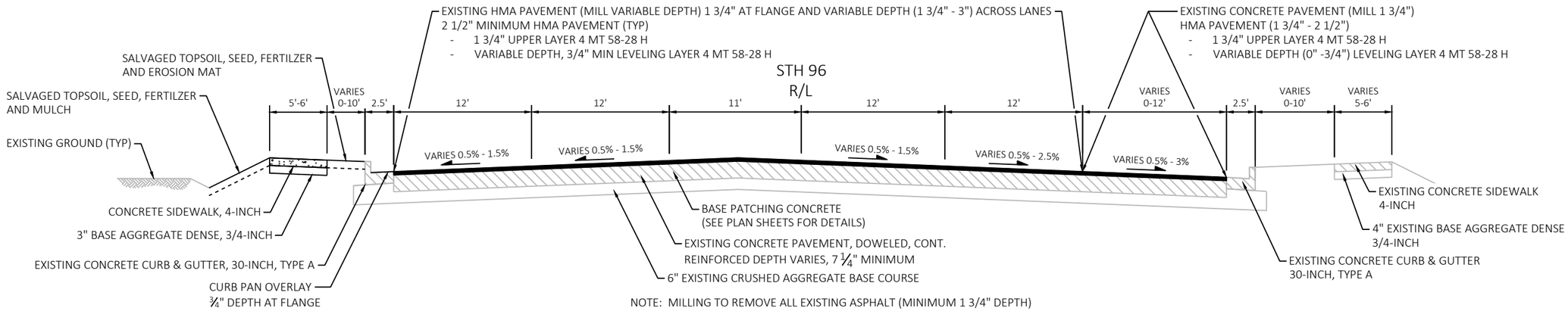
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - FINISHED	SHEET 20	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_020301-TS.DWG
LAYOUT NAME - 407540_020325-ts
PLOT DATE : 5/21/2025 2:59 PM
PLOT BY : CRAIG KNUTH
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42



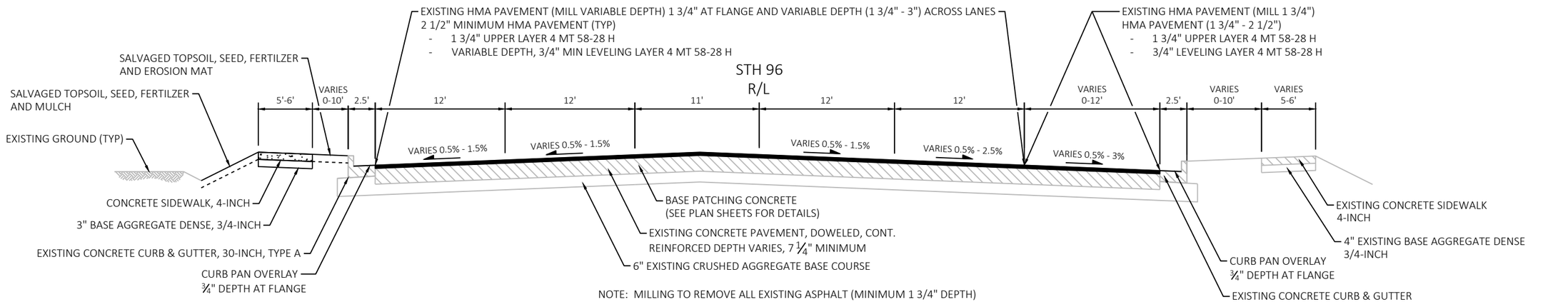
FINISHED TYPICAL SECTION STH 96

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



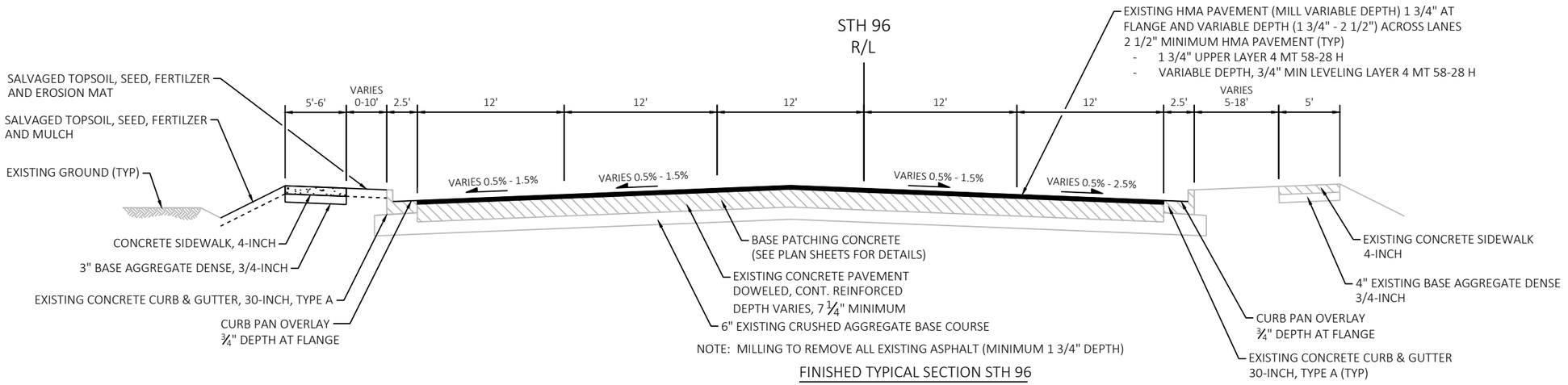
FINISHED TYPICAL SECTION STH 96

STA 175+66 TO STA 176+10

NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - FINISHED	SHEET 21	E

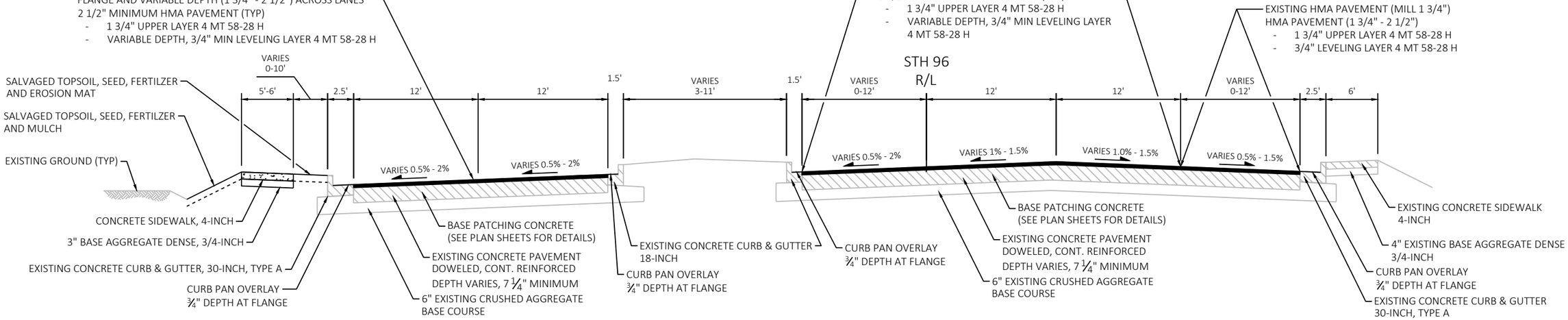
2



NOTE: MILLING TO REMOVE ALL EXISTING ASPHALT (MINIMUM 1 3/4" DEPTH)

FINISHED TYPICAL SECTION STH 96

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



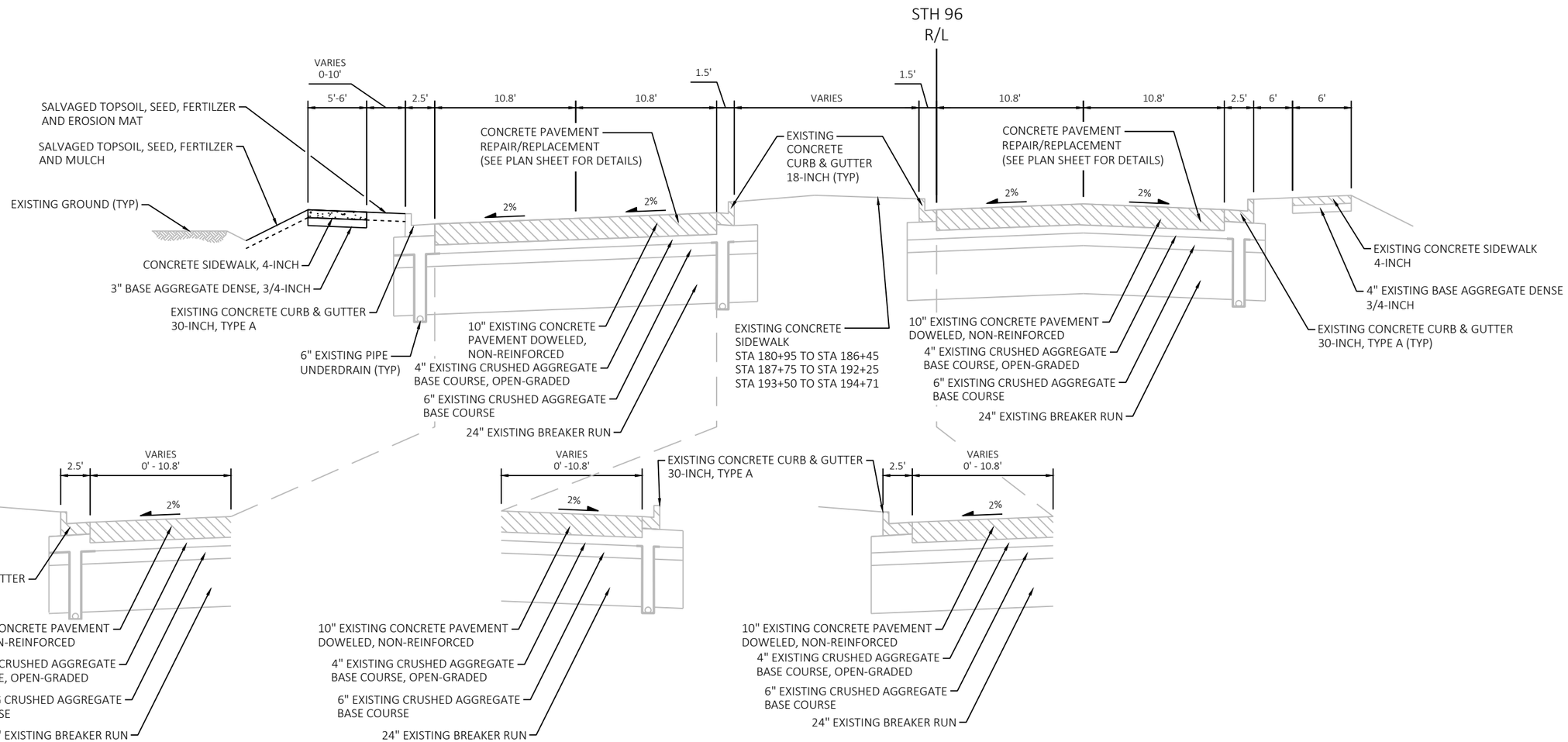
NOTE: MILLING TO REMOVE ALL EXISTING ASPHALT (MINIMUM 1 3/4" DEPTH)

FINISHED TYPICAL SECTION STH 96

STA 176+10 TO STA 179+83

NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.

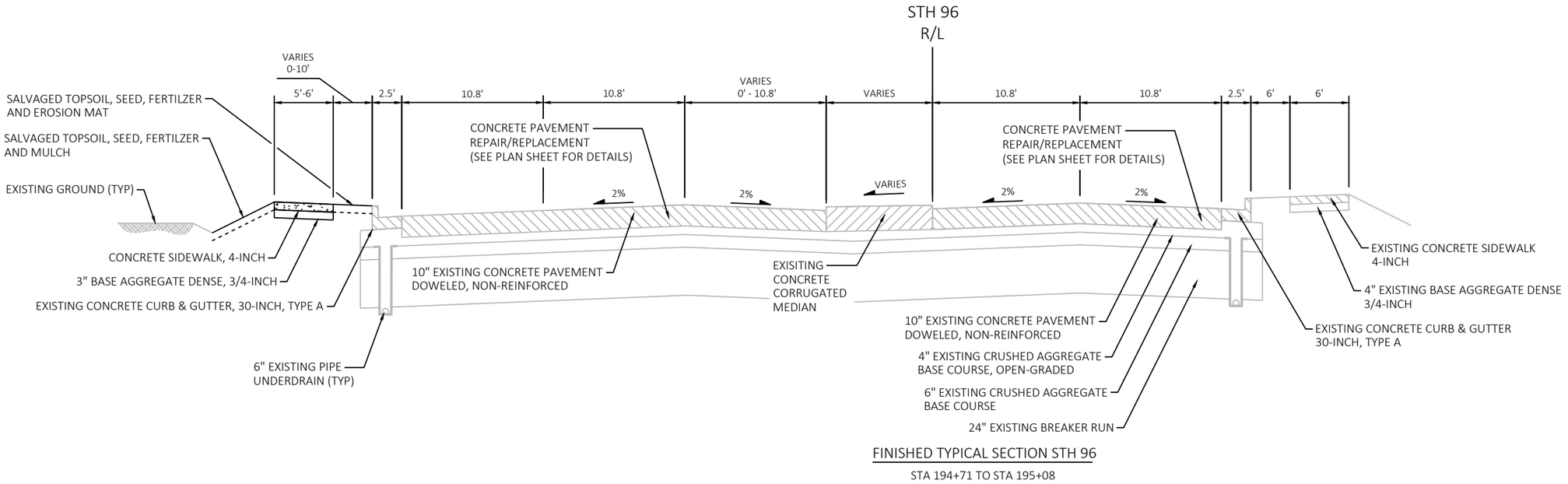
2



FINISHED TYPICAL SECTION STH 96

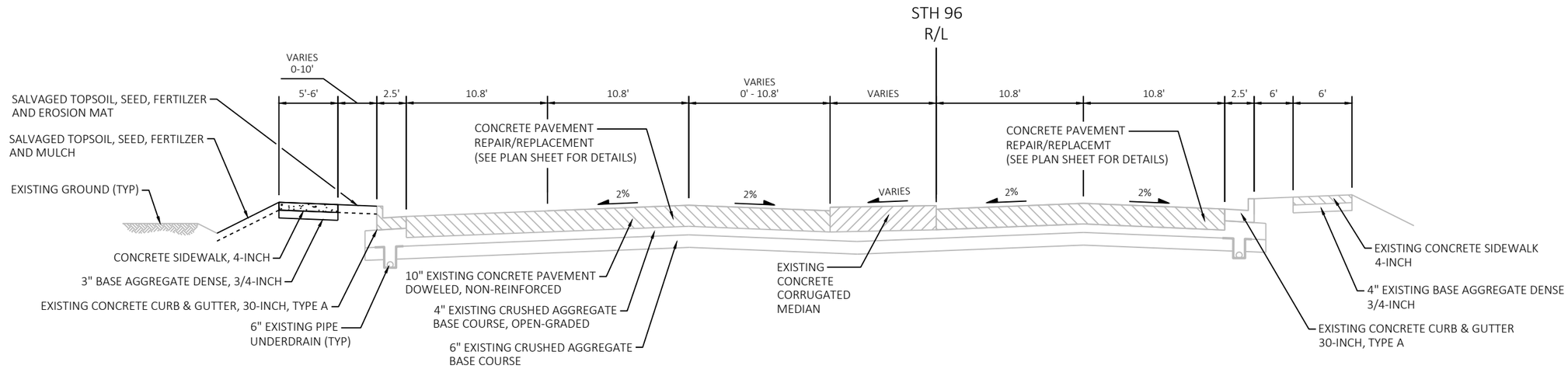
STA 179+83 TO STA 194+71

NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.



FINISHED TYPICAL SECTION STH 96

STA 194+71 TO STA 195+08

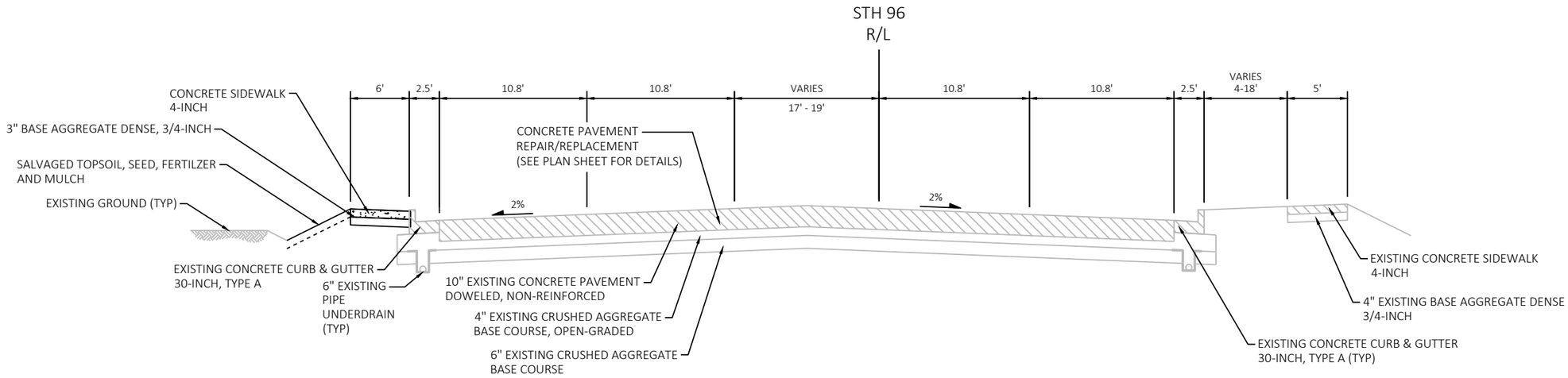


FINISHED TYPICAL SECTION STH 96

STA 195+08 TO STA 196+39

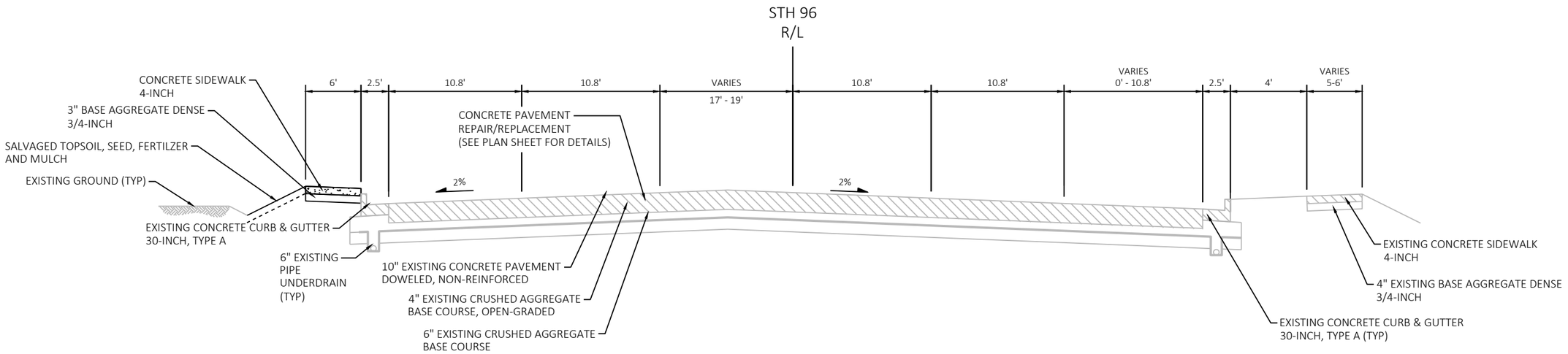
NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - FINISHED	SHEET 24	E



FINISHED TYPICAL SECTION STH 96

STA 196+39 TO STA 201+95

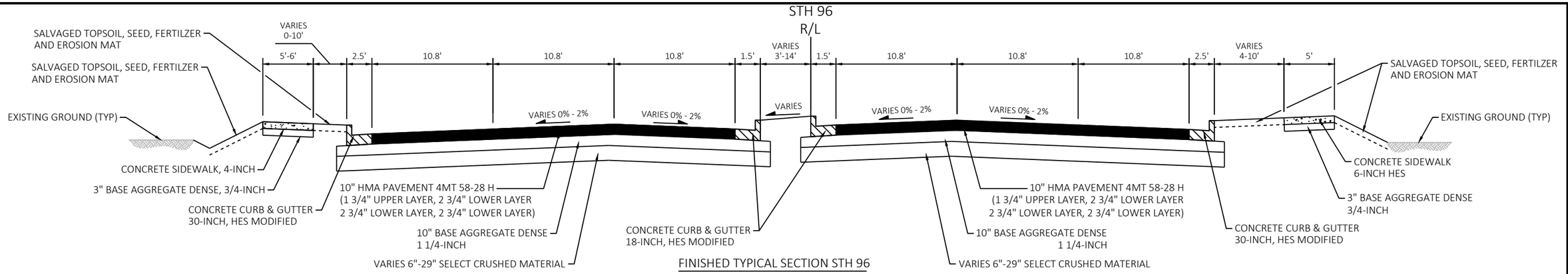


FINISHED TYPICAL SECTION STH 96

STA 201+95 TO STA 204+67

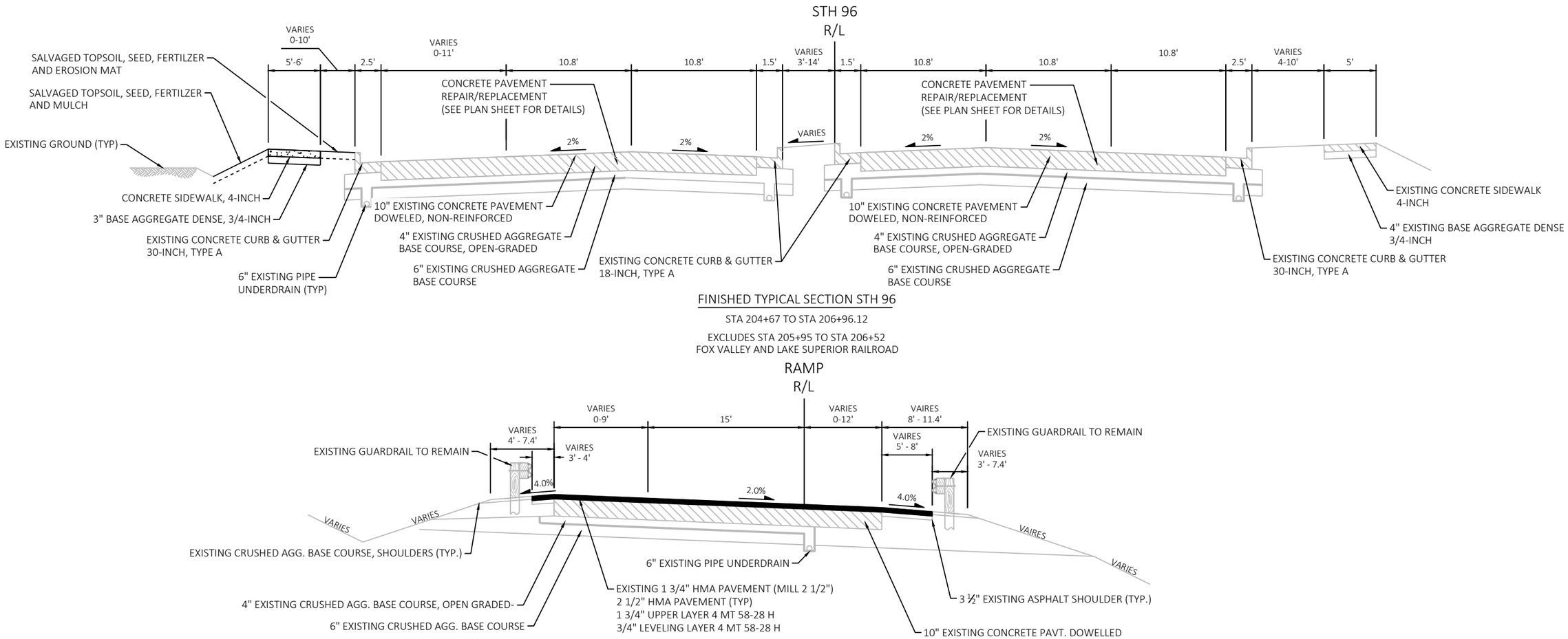
NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - FINISHED	SHEET 25	E



FINISHED TYPICAL SECTION STH 96

STA 205+95 TO STA 206+52



FINISHED TYPICAL SECTION STH 96

STA 204+67 TO STA 206+96.12

EXCLUDES STA 205+95 TO STA 206+52
FOX VALLEY AND LAKE SUPERIOR RAILROAD

FINISHED TYPICAL SECTION STH 96 - N.B. OFF RAMP

STA 30+66.10 TO STA 32+75

* STA 32+32 TO STA 32+75 LT & RT (BEAMGUARD LIMITS)

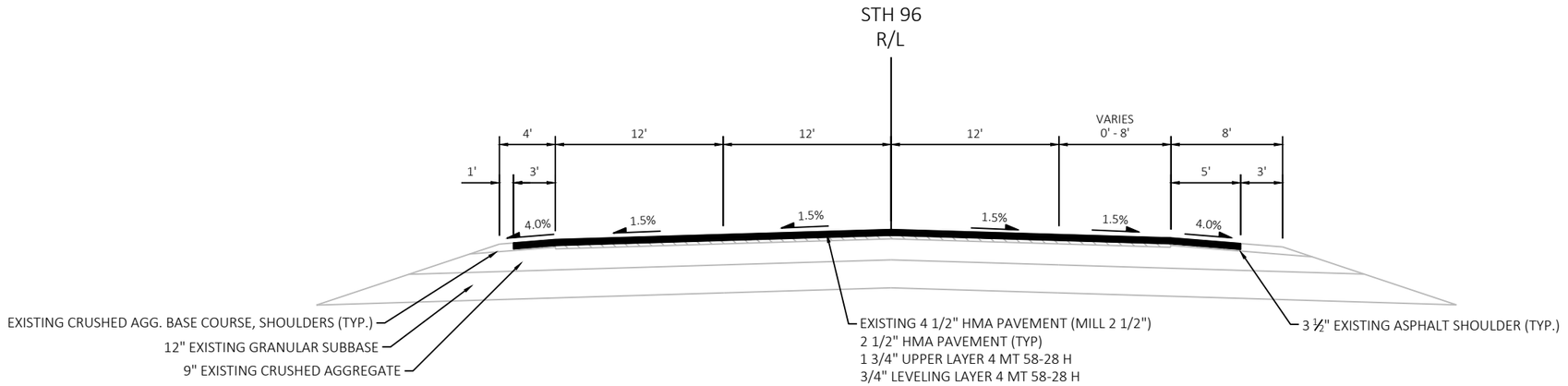
NOTE: SEE REMOVAL PLAN AND PLAN SHEETS FOR SPOT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - FINISHED	SHEET 26	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_020301-TS.DWG
LAYOUT NAME - 407540_020331-ts

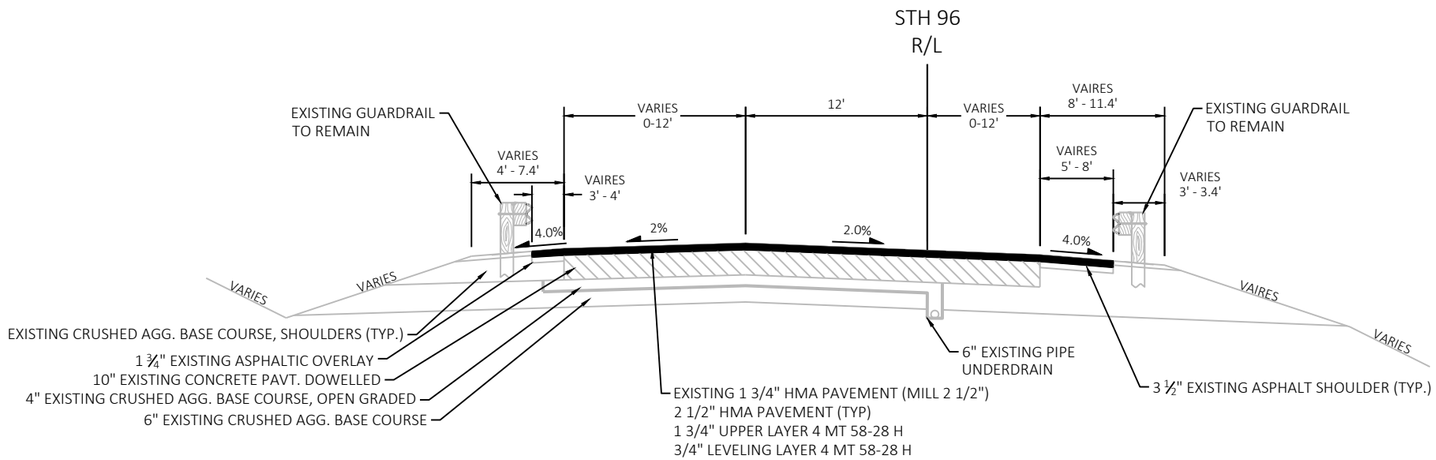
PLOT DATE : 5/27/2025 10:45 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1IN:10 FT

2



FINISHED TYPICAL SECTION STH 96 - N.B. OFF RAMP

STA 36+15 TO STA 37+45.11



FINISHED TYPICAL SECTION STH 96 - N.B. OFF RAMP

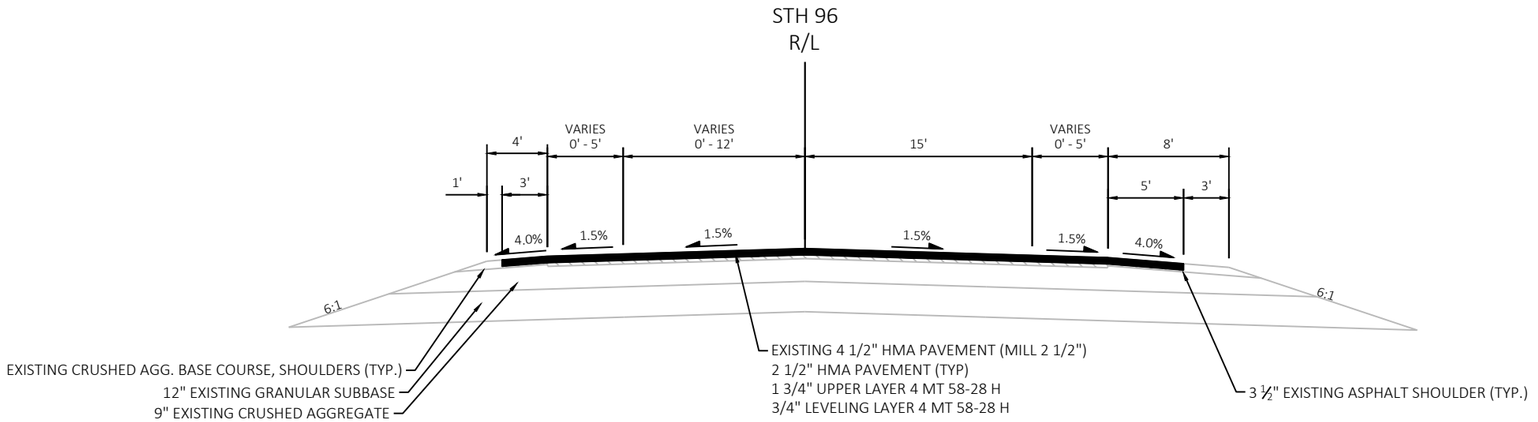
STA 32+75 TO STA 36+15

* STA 32+75 TO STA 33+52 LT & RT (BEAMGUARD LIMITS)

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - FINISHED	SHEET 27	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_020301-TS.DWG
LAYOUT NAME - 407540_020332-ts
PLOT DATE : 11/12/2024 4:14 PM
PLOT BY : COREY RAYFORD
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

2

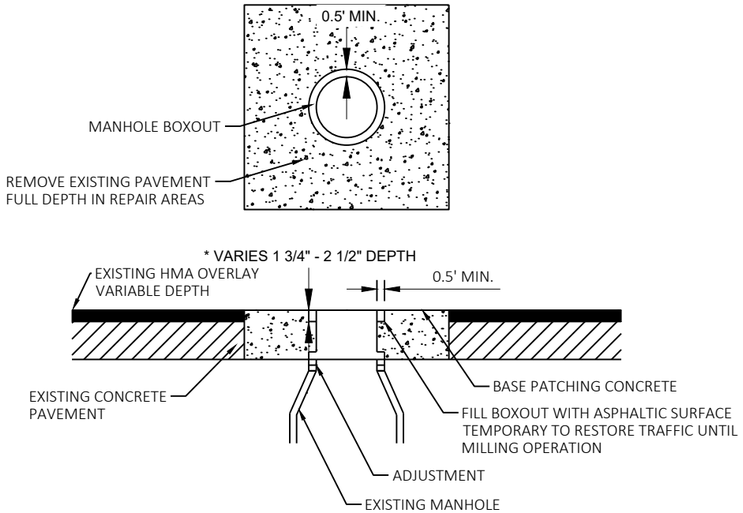


FINISHED TYPICAL SECTION STH 96 - S.B. ON RAMP

STA 7+96.53 TO STA 9+48.96

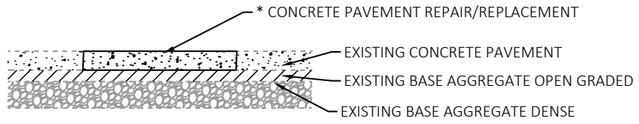
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS - FINISHED	SHEET 28	E

2



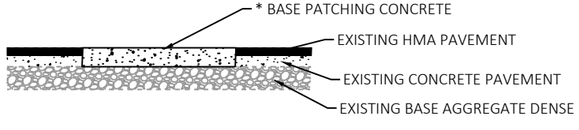
MANHOLE BOXOUT IN PAVEMENT REPAIR AREAS

NOTE: CONTRACTOR MAY PROPOSE ALTERNATIVE SIZE/SHAPE OF BOXOUT THAT WILL ALLOW ADEQUATE CLEARANCE FOR MILLING PAVEMENT.
* DEPTH SHALL MATCH ASPHALT DEPTH ADJACENT TO BOXOUT

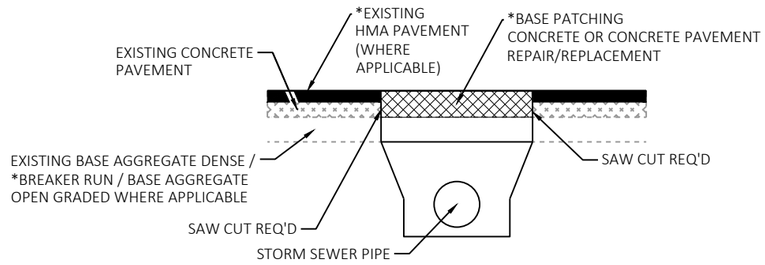


PAVEMENT REPAIRS IN LOCATIONS OF EXISTING CONCRETE PAVEMENT

* REPAIR AREA DUE TO STORM SEWER REPAIRS TO INITIALLY BE FILLED WITH 5-INCHES ASPHALTIC SURFACE TEMPORARY (3-INCH LOWER LAYER AND 2-INCH UPPER LAYER). CONCRETE PAVEMENT REPAIR/REPLACEMENT WILL BE PLACED TO MATCH THE EXISTING PAVEMENT DEPTH THAT WILL BE COMPLETED WITH A SEPARATE OPERATION.



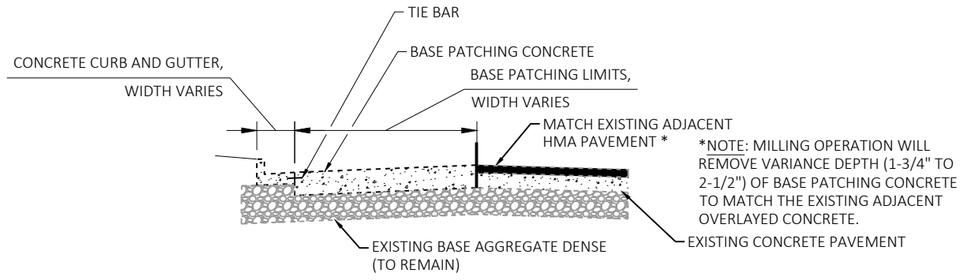
PAVEMENT REPAIRS IN LOCATIONS OF EXISTING ASPHALT OVERLAY



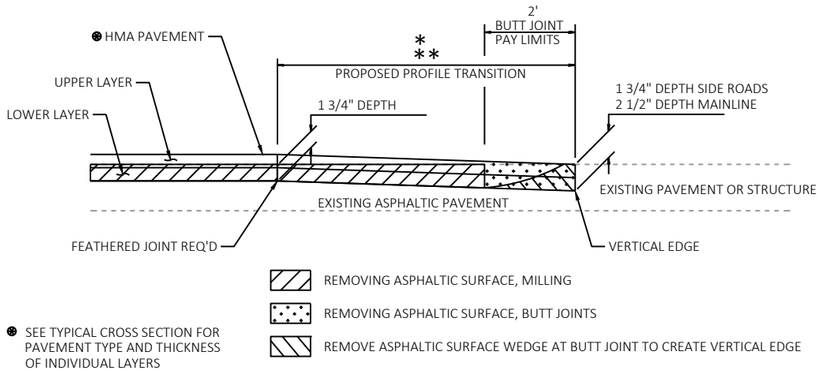
*SEE TYPICAL SECTIONS AND PLAN FOR APPLICABLE AREAS OF HMA, BASE AGREGATE DENSE, BREAKER RUN, AND BASE AGGREGATE OPEN GRADED AND TO DETERMINE IF BASE PATCHING CONCRETE OR CONCRETE PAVEMENT REPAIR/REPLACEMENT IS REQUIRED.

PAVEMENT AT STORM SEWER REPLACEMENTS

NOTE: REPAIR AREA TO HAVE INDIVIDUAL LAYERS OF BASE AGGREGATE DENSE AND BASE AGGREGATE OPEN GRADED AND BREAKER RUN, AS DETERMINED BY THE ENGINEER, EACH LAYER PLACED TO MATCH EXISTING DEPTHS AND TO ALLOW FOR 5-INCH OF ASPHALTIC SURFACE TEMPORARY (3-INCH LOWER LAYER AND 2-INCH UPPER LAYER) TO BE PLACED. BASE PATCHING CONCRETE OR CONCRETE PAVEMENT REPAIR/REPLACEMENT WILL BE COMPLETED WITH SEPARATE OPERATION.

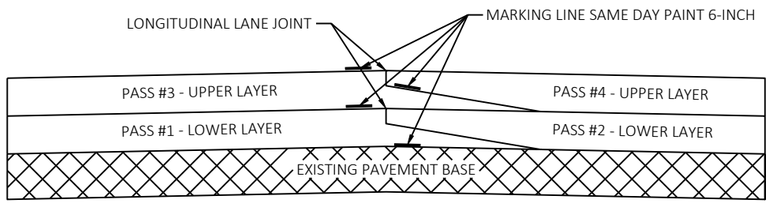


CURB & GUTTER REPLACEMENT ADJACENT TO BASE PATCHING



BUTT JOINT DETAIL FOR MILLED ASPHALTIC PAVEMENTS (PROFILE CHANGE)

∗ MAINLINE - SEE PLAN SHEETS FOR PROFILE TRANSITION LENGTH
∗∗ SIDEROADS - 10 FEET UNLESS SHOWN OTHERWISE ON PLAN SHEETS

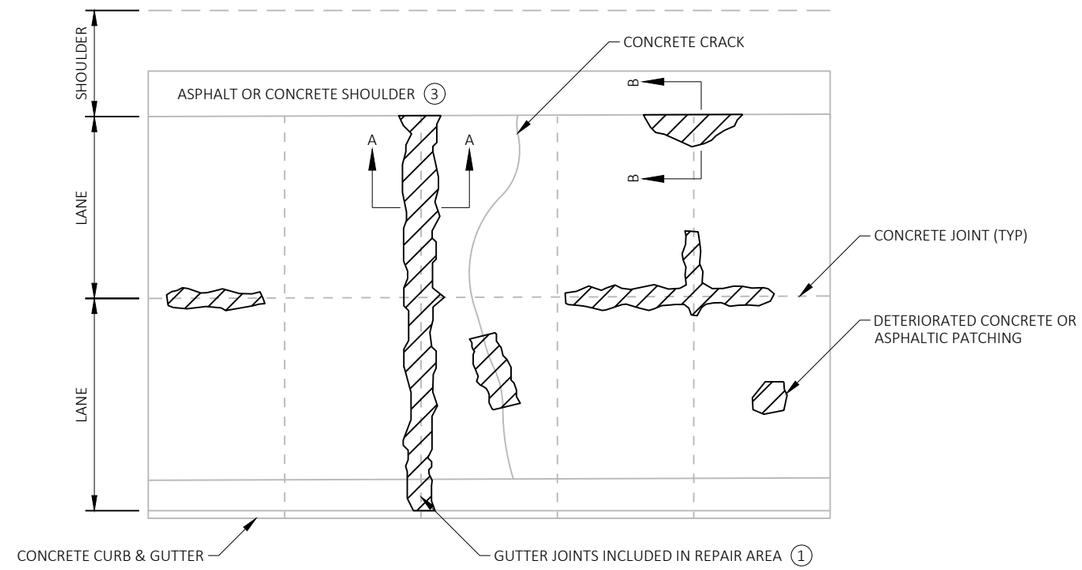


SAME DAY PAVEMENT MARKING DETAIL FOR TAPERED OVERLAPPING JOINTS IN HMA PAVEMENTS

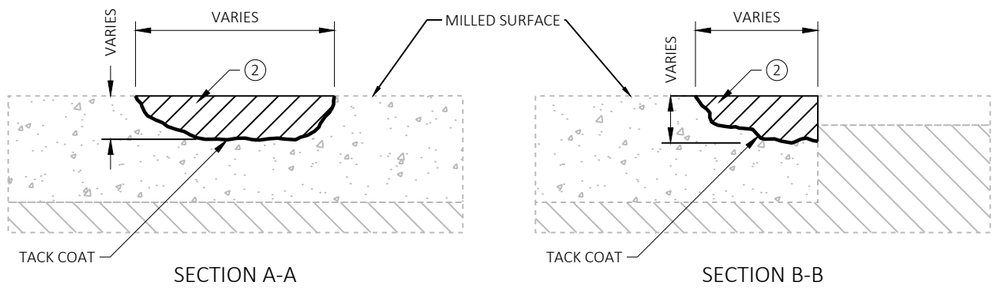
NOTES:

1. PERFORM CONCRETE JOINT AND CRACK CLEANING AND REPAIR IF ASPHALT OVERLAY WILL BE PLACED ON CONCRETE GUTTER
2. REMOVE UNSOUND AND DETERIORATED MATERIAL INCLUDING EXISTING ASPHALTIC PATCHING
3. EXISTING CONCRETE SHOULDER 5-FOOT OR LESS INCLUDED IN REPAIR AREA OF ADJACENT LANE

ASPHALTIC SURFACE
EXISTING CONCRETE PAVEMENT
EXISTING BASE COURSE



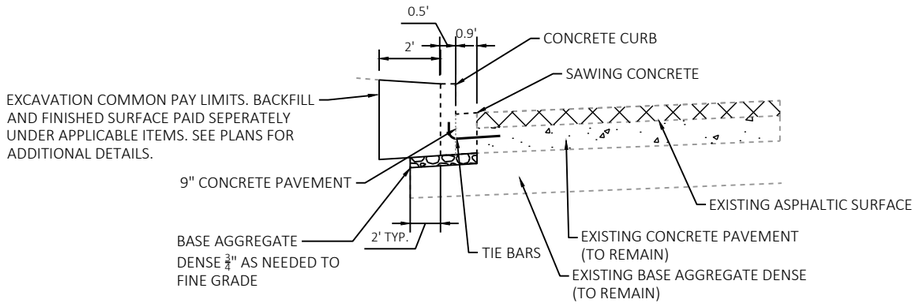
PLAN VIEW



SECTION A-A

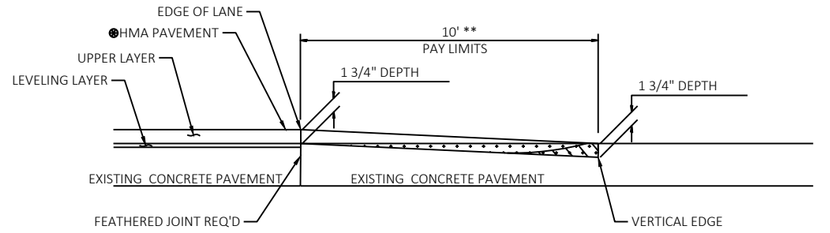
SECTION B-B

CONCRETE JOINT AND CRACK CLEANING AND REPAIR



CURB REPLACEMENT DETAIL IN AREAS OF EXISTING CURB

STA 155+25 - 159+00 RT



⊛ SEE TYPICAL CROSS SECTION FOR PAVEMENT TYPE AND THICKNESS OF INDIVIDUAL LAYERS

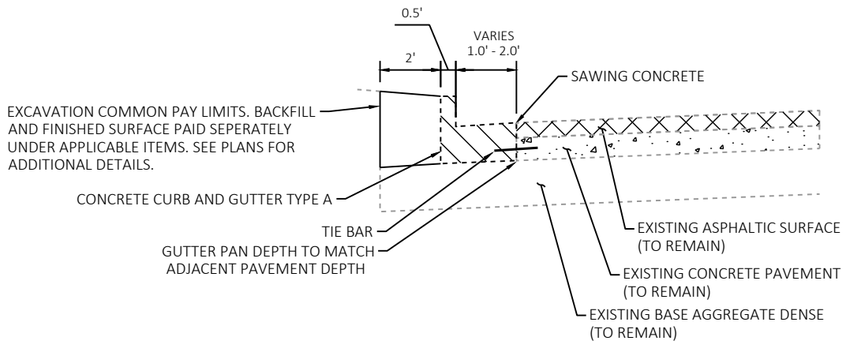
REMOVING CONCRETE PAVEMENT BUTT JOINTS

REMOVE CONCRETE SURFACE WEDGE AT BUTT JOINT TO CREATE VERTICAL EDGE

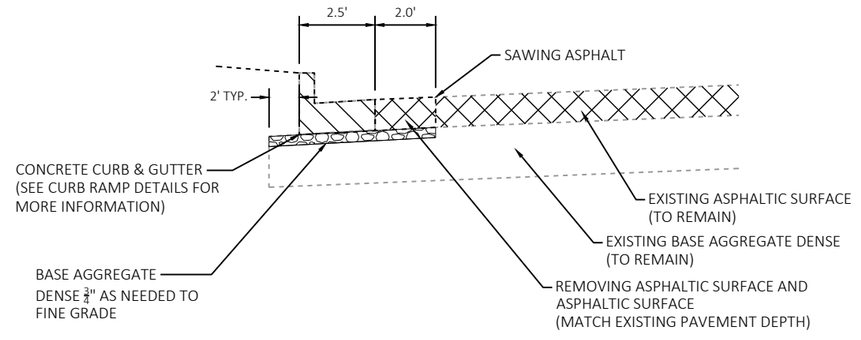
BUTT JOINT DETAIL FOR CONCRETE PAVEMENTS (PROFILE CHANGE)

** 10 FEET UNLESS SHOWN OTHERWISE ON PLAN SHEETS

- I 41 SB OFF RAMP
- I 41 NB ON RAMP
- NORTH HICKORY FARM LANE

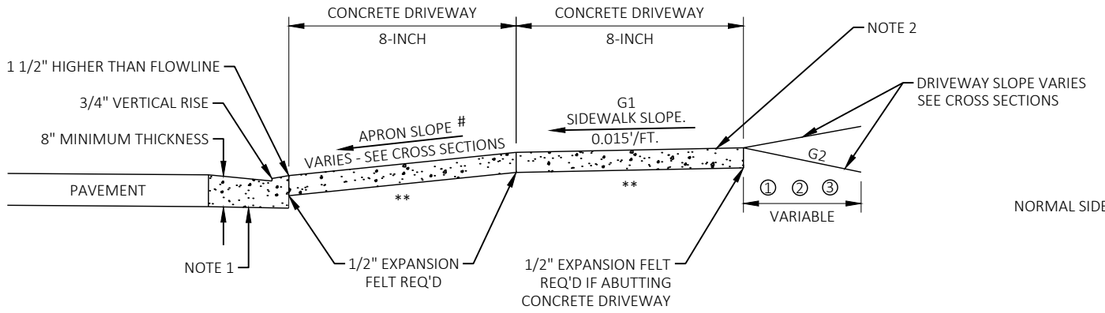


CURB & GUTTER TYPE A

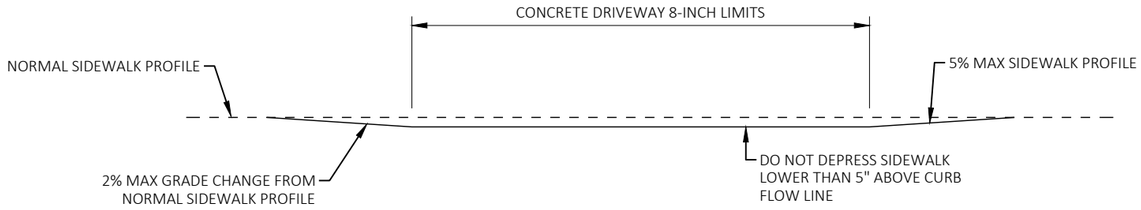


CURB & GUTTER REPLACEMENT DETAIL IN AREAS OF ASPHALTIC PAVEMENT

2



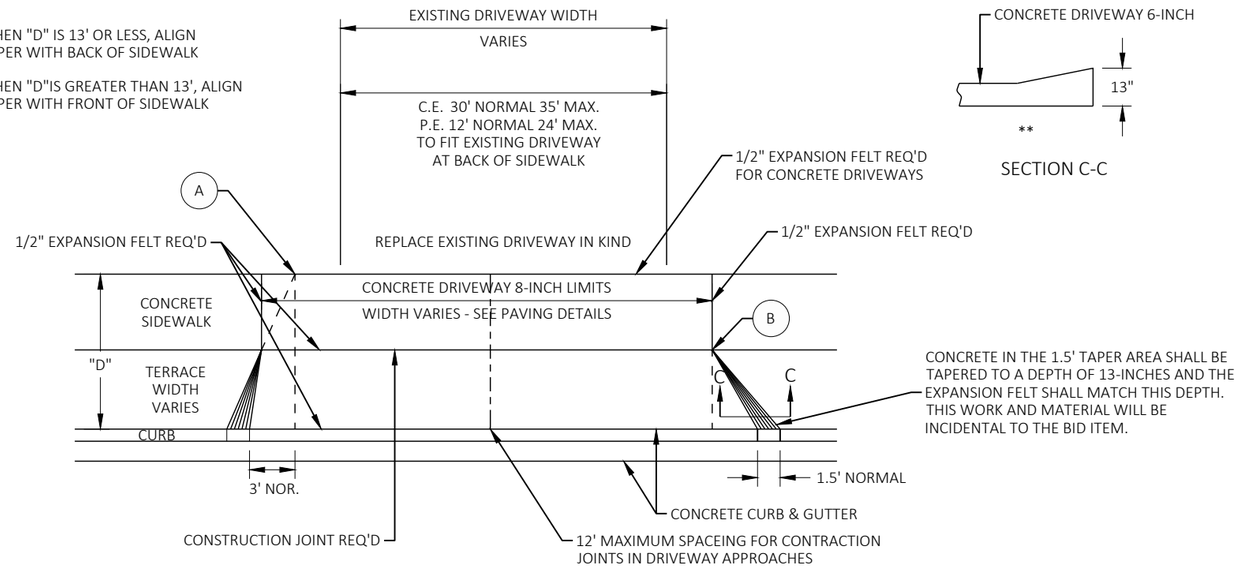
TYPICAL SIDEWALK SECTION



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)

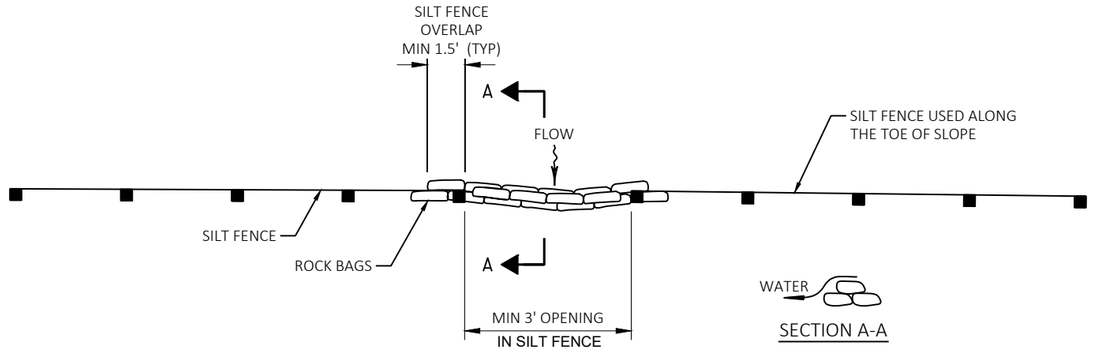
** – 6" BASE AGGREGATE DENSE 1 1/4-INCH REQ'D UNDER CONCRETE DRIVEWAY

NOTES:

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

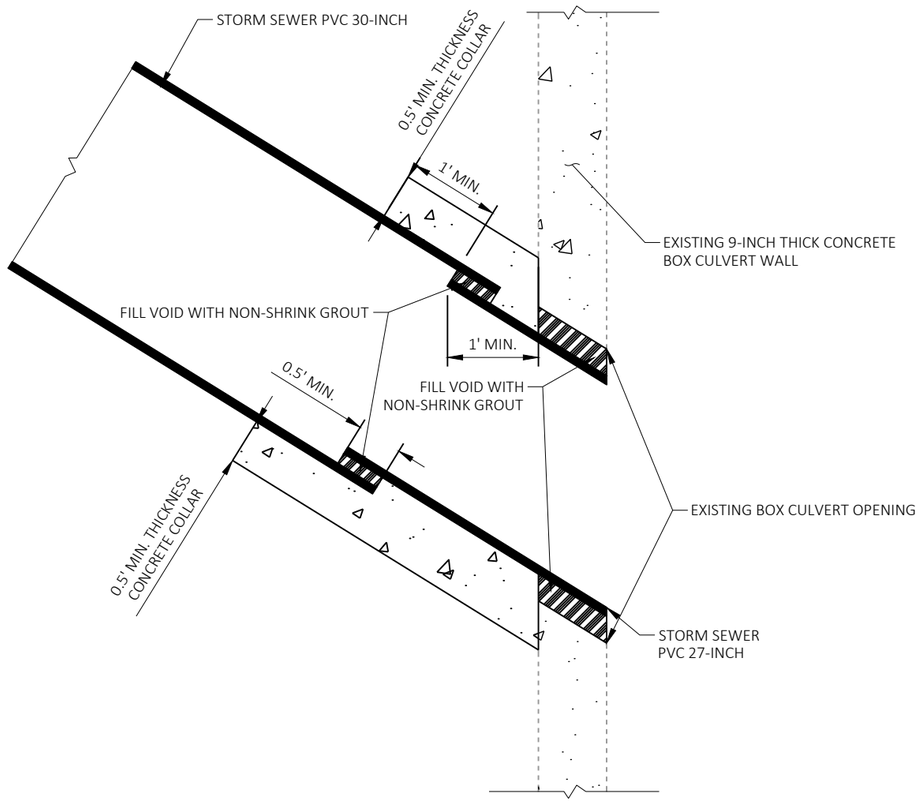
URBAN DRIVEWAY WITH SIDEWALK DETAIL
INDUSTRIAL/HEAVY TRUCK TRAFFIC

2



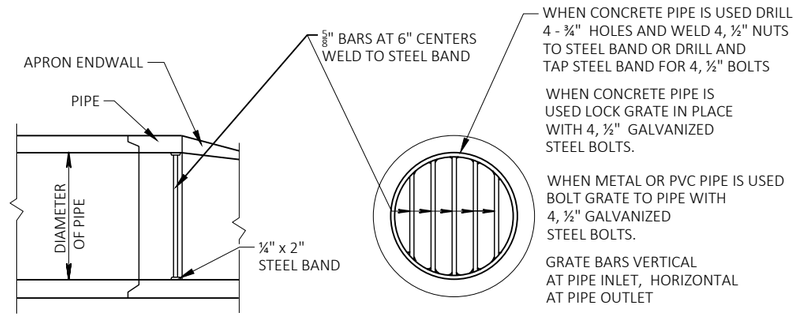
TOP VIEW

ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL



STORM SEWER CONNECTION TO BOX CULVERT STA 107+93 RT

NOTE: MATCH INVERTS OF 27-INCH PVC WITH 30-INCH PVC AS CLOSE AS FEASIBLE.
(NON-SHRINK GROUT INCIDENTAL TO CONCRETE COLLAR BID ITEM)

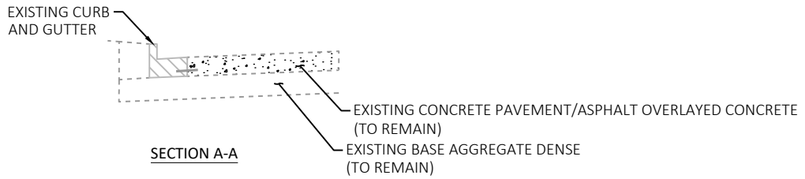


LONGITUDINAL SECTION

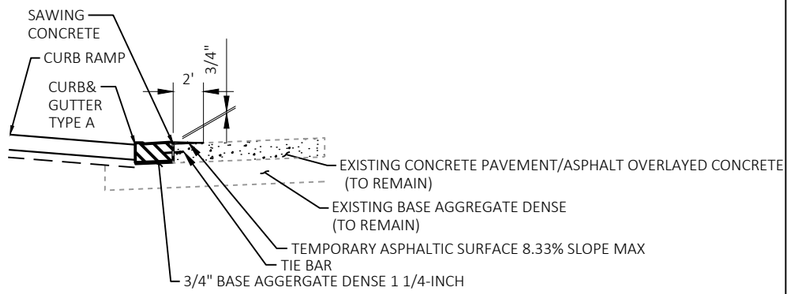
END VIEW

PIPE END GRATE DETAIL

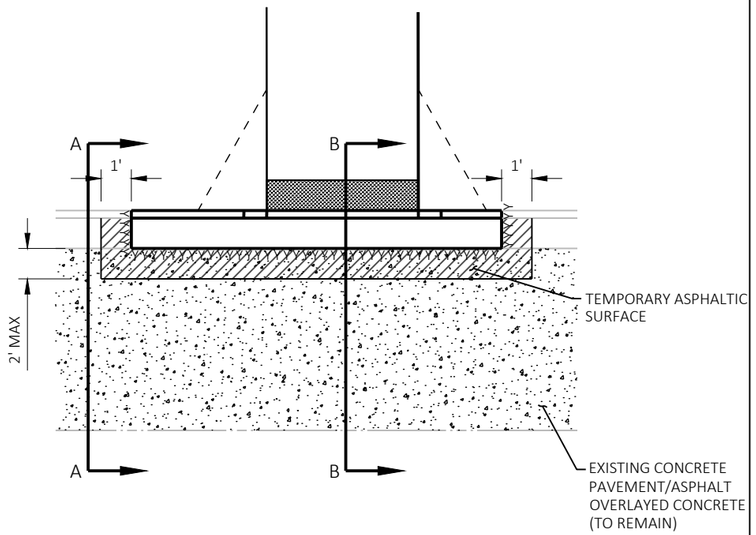
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS	SHEET 33	E



SECTION A-A

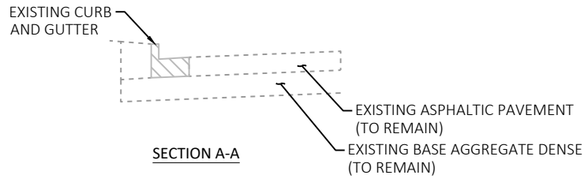


SECTION B-B

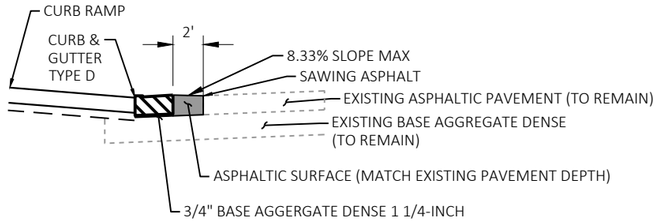


TEMPORARY ASPHALTIC SURFACE WEDGE AT CURB RAMPS WITH ADJACENT CONCRETE PAVEMENT

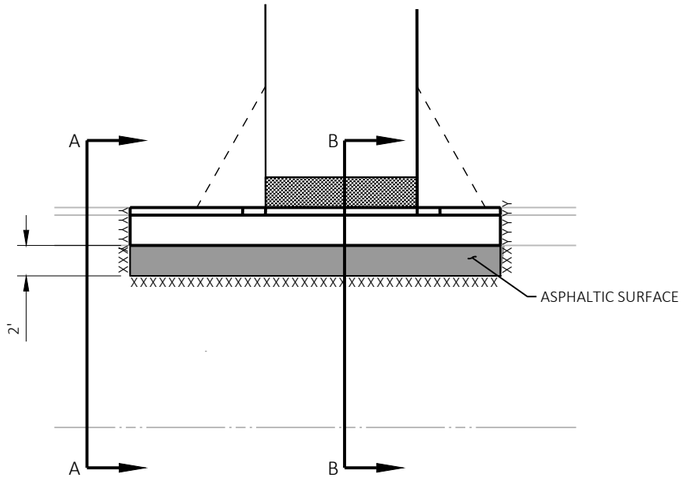
- STH 96 WB AT GREENVILLE DRIVE SOUTH SIDE OF ISLAND
- STH 96 MEDIAN CURB RAMPS AT GREENVILLE DRIVE
- STH 96 MEDIAN EAST OF WESTHILL BOULEVARD



SECTION A-A

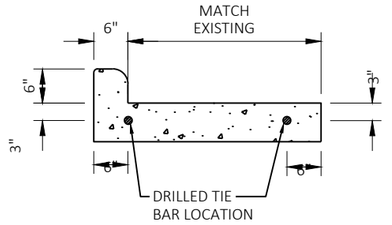


SECTION B-B

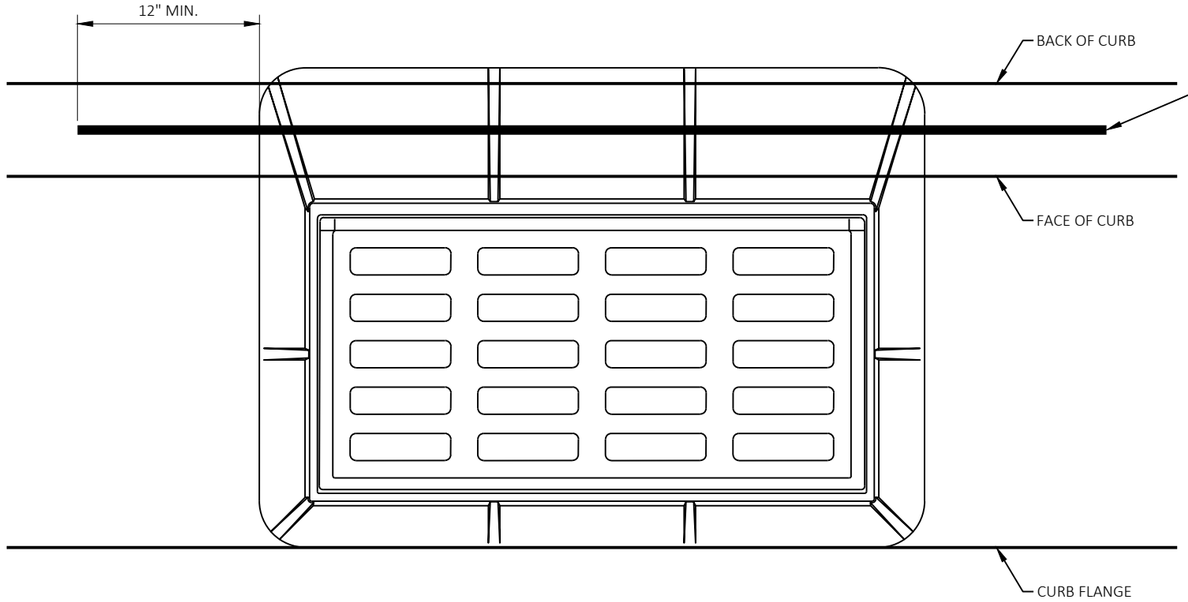


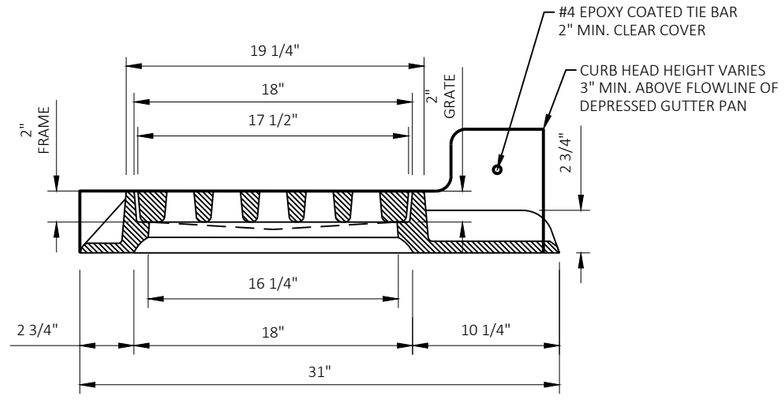
ASPHALTIC SURFACE WEDGE AT CURB RAMPS WITH ADJACENT ASPHALTIC PAVEMENT

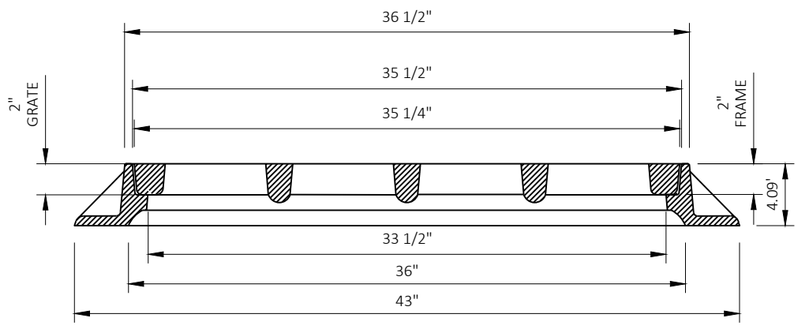
- STH 96 NW & NE CURB RAMPS AT POPP LN
- STH 96 NE & NW CURB RAMPS AT REXFORD ST.
- STH 96 SE CURB RAMP AT WESTHILL AVE.



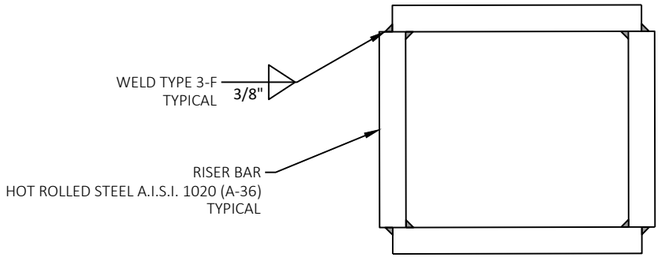
DRILLED TIE BAR LOCATION FOR LONGITUDINAL TYING EXISTING CURB AND GUTTER TO NEW CURB AND GUTTER



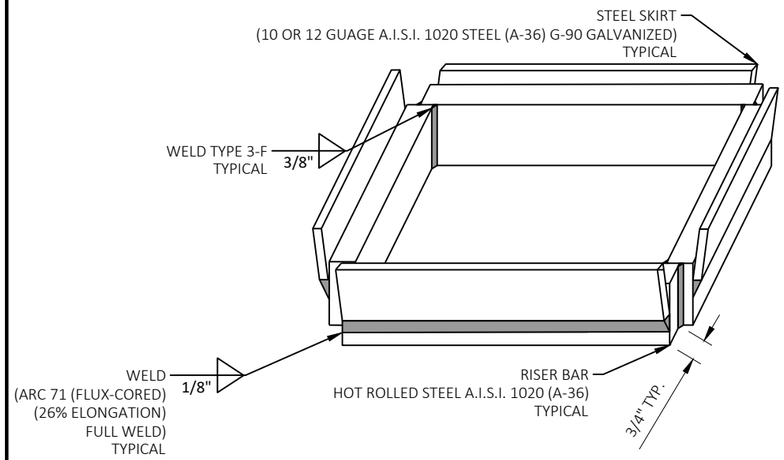




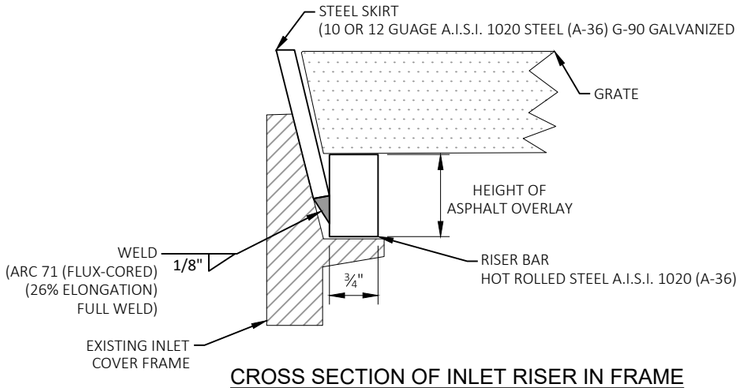
INLET COVER SPECIAL



PLAN VIEW OF RISER BAR

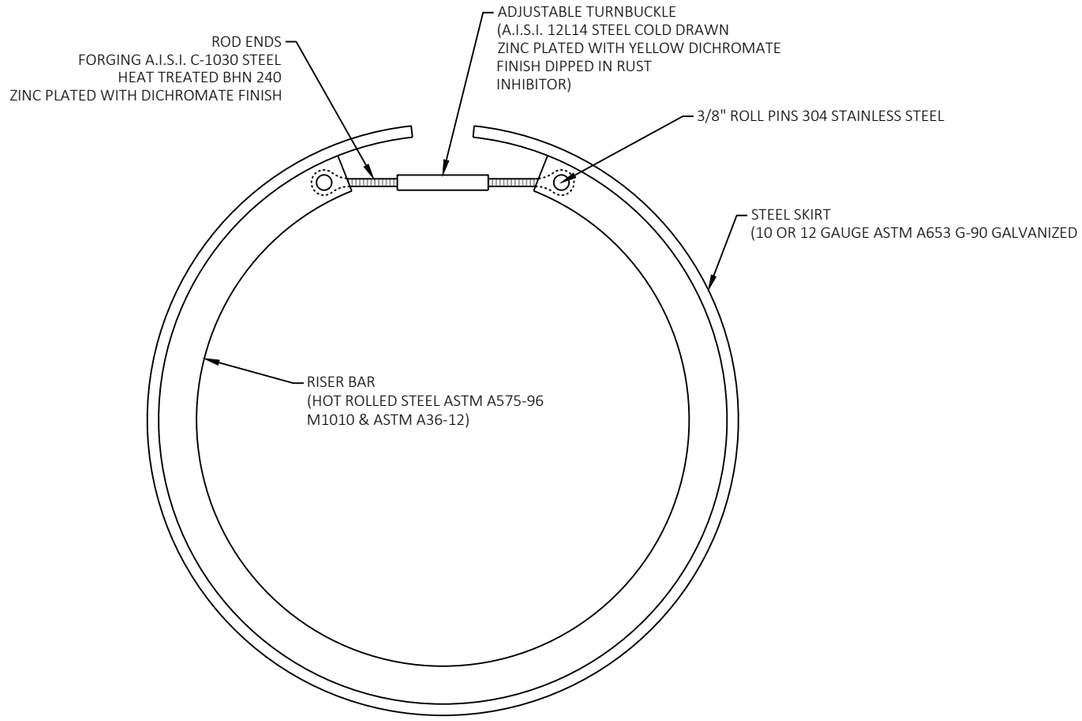


INLET RISER

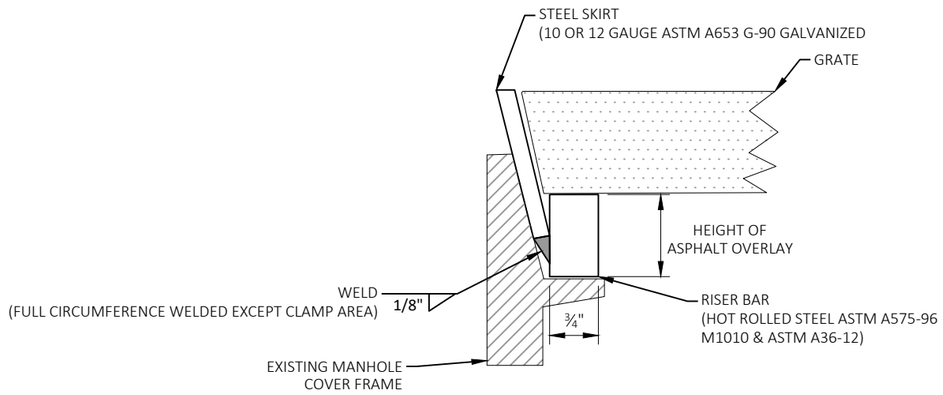


CROSS SECTION OF INLET RISER IN FRAME

INLET RISER



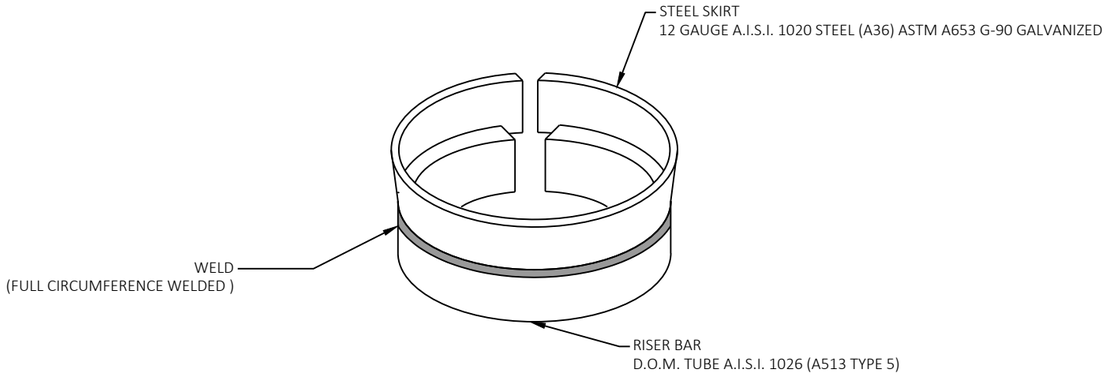
PLAN OF INLET RISER



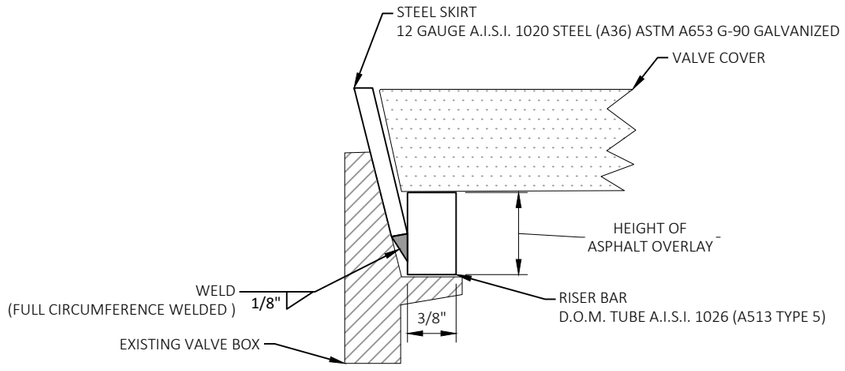
CROSS SECTION OF MANHOLE RISER IN FRAME

MANHOLE RISER

2

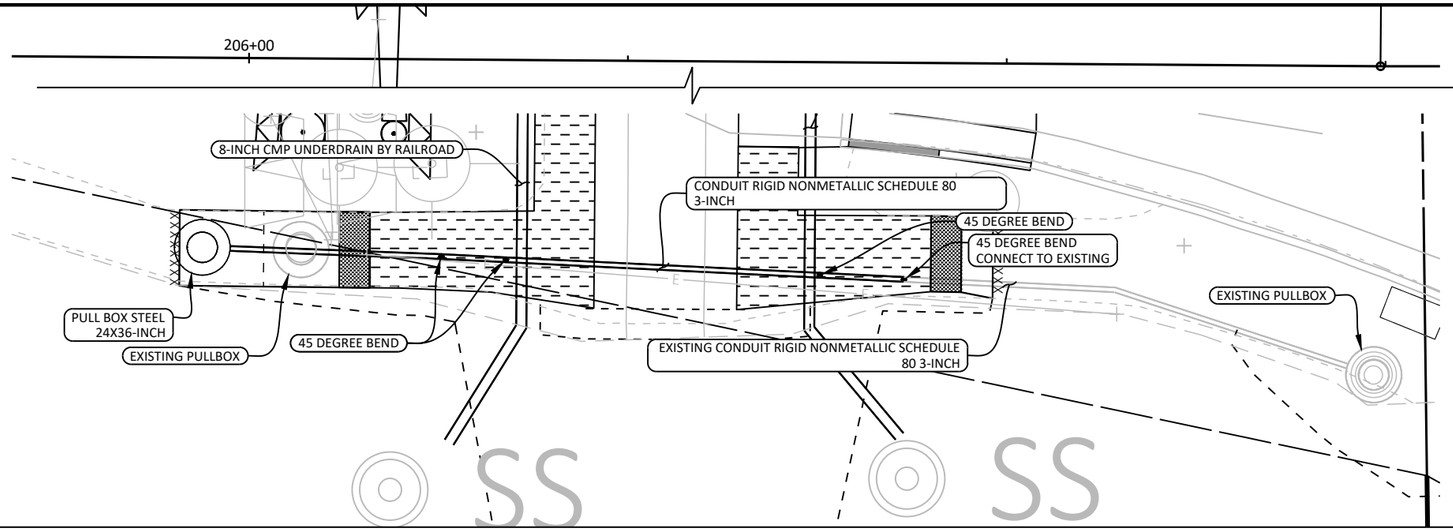


PLAN OF WATER VALVE RISER



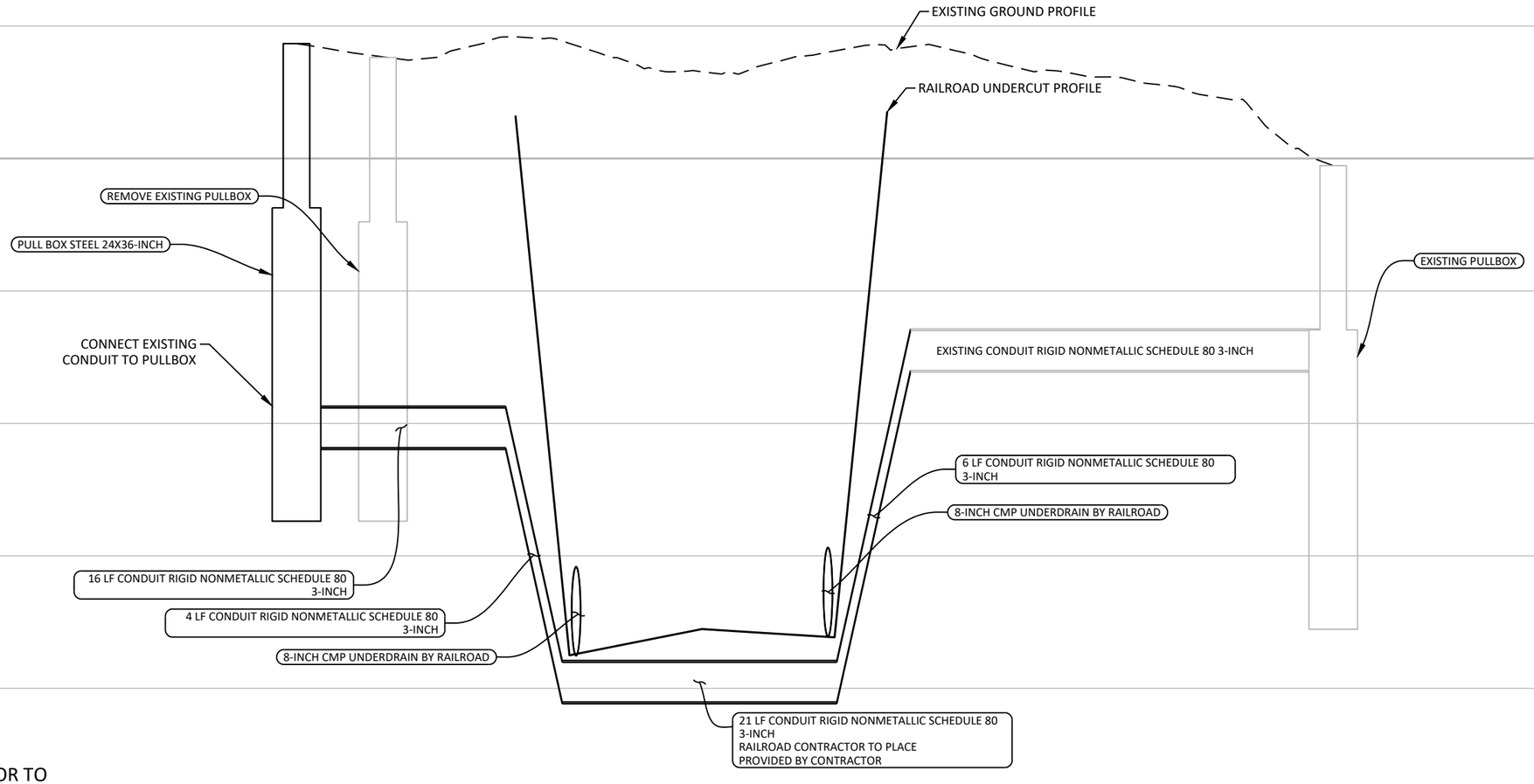
CROSS SECTION OF WATER VALVE RISER IN FRAME

WATER VALVE COVER RISER





2



NOTE:
CONTRACTOR TO FIELD VERIFY
LOCATIONS AND ELEVATIONS PRIOR TO
ORDERING MATERIALS

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS	SHEET 38	E

2

N

STH 96

117+00

118+00

CONCRETE BASE PATCHING, TYP.

±782.13
+24.59
37.53 RT

SAWCUT REQURIED

±782.06
+50.00
37.43 RT

±782.00
+75.00
37.41 RT

CONCRETE CURB & GUTTER
30-INCH TYPE A

±781.89
+00.00
37.58 RT

±781.87
+09.59
37.52 RT

VILLAGE OF GRAND CHUTE - SEWER

REMOVING CONCRETE PAVEMENT

REMOVING CONCRETE PAVEMENT

OBLITERATE OLD ROAD

REMOVING CONCRETE CURB & GUTTER

CHARTER COMMUNICATIONS

VILLAGE OF GRAND CHUTE - WATER

SAWCUT REQURIED

AT&T

VILLAGE OF GRAND CHUTE - WATER

WE ENERGIES

FOX RIVER MALL EXIT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	INTERSECTION DETAIL	SHEET 39	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021101-ID.DWG
LAYOUT NAME - 407540_021101-id

PLOT DATE : 11/13/2024 9:47 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

2

126+00

STH 96

127+00

CONCRETE BASE PATCHING, TYP.

HMA PAVEMENT OVER CONCRETE BASE

SAW CUT & MATCH EXISTING

±778.35
+08.26
24.29 RT

±778.25
+25.00
24.20 RT

±778.29
+50.00
24.07 RT

±778.39
+75.00
23.93 RT

±778.49
+00.00
23.79 RT

±778.57
+12.90
23.72 RT

9+48.96

IH 41 SB OFF RAMP

±778.36
+06.87
35.30 RT

778.19
+16.23
36.34 RT

778.05
+27.95
34.81 RT
L.P.

778.49
+00.00
25.41 RT

778.34
+75.00
28.67 RT

778.19
+50.00
31.93 RT

CONCRETE CURB & GUTTER
30-INCH TYPE D

N

778.32
+08.21
42.61 RT
H.P.

±778.31
+05.53
45.85 RT

778.31
+07.53
45.92 RT
P.C.

±778.28
+05.30
52.71 RT

±778.29
+07.30
52.77 RT

STA 126+17.52
46.26' RT
N: 566293.729
E: 811705.511
R = 10.0'

9+00

CONCRETE CURB & GUTTER
30-INCH TYPE A

1.75-INCH HMA PAVEMENT 4 MT 58-28 H
0.75-INCH HMA PAVEMENT 4 MT 58-28 H

SAW CUT & MATCH
FINISHED OVERLAY

VARIES
0'-12'

TIE BAR

2 %

2'

VARIES

4 %

VARIES

VARIES

VARIES

5'

2'

VARIES

1.5%

4 %

2'

CONCRETE BASE 8 1/2-INCH

6-INCH BASE AGGREGATE DENSE 1 1/4-INCH

CONCRETE SIDEWALK 4-INCH

3-INCH BASE AGGREGATE DENSE 3/4-INCH

FINISHED TYPICAL SECTION

STA 126+05.30 - 127+12.90

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

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021101-ID.DWG
LAYOUT NAME - 407540_021102-id

PLOT DATE : 4/10/2025 6:21 AM PLOT BY : MATT TOMSOVIC 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

STA 152+55.34
-18.36' LT
EL 781.50

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

ASPHALTIC SURFACE

BASE PATCHING CONCRETE, TYP.

BASE PATCHING CONCRETE

SAWCUT

REMOVE CONCRETE BASE

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
-14.67' LT
EL 781.72

STA 152+82.29
-15.09' LT
EL 781.85

151+00

152+00

153+00

154+00

STH 96 (WISCONSIN AVE)

CTH AA (BLUEMOUND DR)

EXIST R/W

N

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	INTERSECTION DETAIL	SHEET 41	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021105-ID.DWG
LAYOUT NAME - 407540_021105-id

PLOT DATE : 5/21/2025 3:55 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:20 FT

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

BASE PATCHING CONCRETE, TYP.

CONCRETE CURB & GUTTER 18-INCH TYPE A

CONCRETE CURB
(SEE CURB REPLACEMENT DETAIL IN AREAS OF EXISTING CURB CONSTRUCTION DETAIL)

STH 96 (WISCONSIN AVE)

STA 155+01.98
-1.53' LT
EL 783.94

STA 154+97.94
-1.32' LT
EL 784.00

BASE PATCHING CONCRETE

CONCRETE MEDIAN
SLOPED NOSE TYPE 1

SAWCUT

PC: 155+07.51

STA 155+11.02
-3.01' LT
EL 783.77

STA 155+30.94
-4.06' LT HP
EL 783.83

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

156+00

157+00

REMOVE CONCRETE BASE

STA 154+95.98
1.60' RT
EL 783.92

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

CONCRETE PAVEMENT
9-INCH

ASPHALTIC SURFACE

EXIST R/W

TLE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	INTERSECTION DETAIL	SHEET 42	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021105-ID.DWG
LAYOUT NAME - 407540_021106-id

PLOT DATE : 5/21/2025 3:58 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

PROPOSED BUNGELOW LOCATION

5 LF CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH

PULL BOX STEEL 24X36-INCH

45 LF CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH

AIM SIDELIGHT FOR BADGER TURN LANE

CONCRETE CURB & GUTTER 30-INCH TYPE D HES MODIFIED

INSTALL CABLE TRAFFIC SIGNAL 12-14 AWG IN EXISTING CONDUIT FOR INTERCONNECT BETWEEN EXISTING SIGNAL CABINET AND NEW BUNGELOW

25'

18'

20'

WORK BY RAILROAD

AIM BACKLIGHTS FOR SIDEWALK

CONCRETE CURB & GUTTER 30-INCH TYPE D HES MODIFIED

5'

14.53'

30' GATE LENGTH

23' CANTILEVER

STA 205+95.49
-38.87' LT
EL 799.76

STA 206+15.58
-38.67' LT
EL 799.88

STA 206+39.58
-39.13' LT
EL 799.99

STA 206+50.95
-39.06' LT
EL 799.94

HMA

STA 205+95.49
-17.00' LT
EL 800.22

STA 206+15.59
-17.01' LT
EL 800.17

STA 206+39.59
-17.15' LT
EL 800.22

STA 206+49.81
-17.19' LT
EL 800.17

STA 206+57.50
-17.16' LT
EL 800.13

6'

PI: 206+71.67

6" STEEL GAS MAIN BEING RELOCATED

PI: 207+81.73

CONCRETE SIDEWALK 4-INCH

CONCRETE CURB & GUTTER 18-INCH TYPE D HES MODIFIED

WORK BY RAILROAD

OMIT RAILROAD SIGNAL

CONCRETE CURB & GUTTER 18-INCH TYPE D HES MODIFIED

CONCRETE SIDEWALK 4-INCH

205+00

206+00

207+00

208+00

STH 96 (WISCONSIN AVE)

STA 205+95.50
0.05' RT
EL 800.28

STA 206+15.59
0.00'
EL 800.40

STA 206+39.59
0.00'
EL 800.36

STA 206+51.82
1.46' RT
EL 800.28

STA 206+47.99
0.00' LT
EL 800.28

22' GATE LENGTH

23' CANTILEVER

STA 205+95.51
31.86' RT
EL 800.06

STA 206+15.60
32.03' RT
EL 800.33

STA 206+39.88
37.14' RT
EL 800.47

STA 206+51.98
38.65' RT
EL 800.23

CONCRETE CURB & GUTTER 30-INCH TYPE D HES MODIFIED

PULL BOX STEEL 24X36-INCH

WORK BY RAILROAD

REMOVE EXISTING PULL BOX

18'

AIM BACKLIGHTS FOR SIDEWALK AND BADGER LEFT TURN LANE

CONCRETE CURB & GUTTER 30-INCH TYPE D HES MODIFIED

BADGER AVE

N

LEGEND

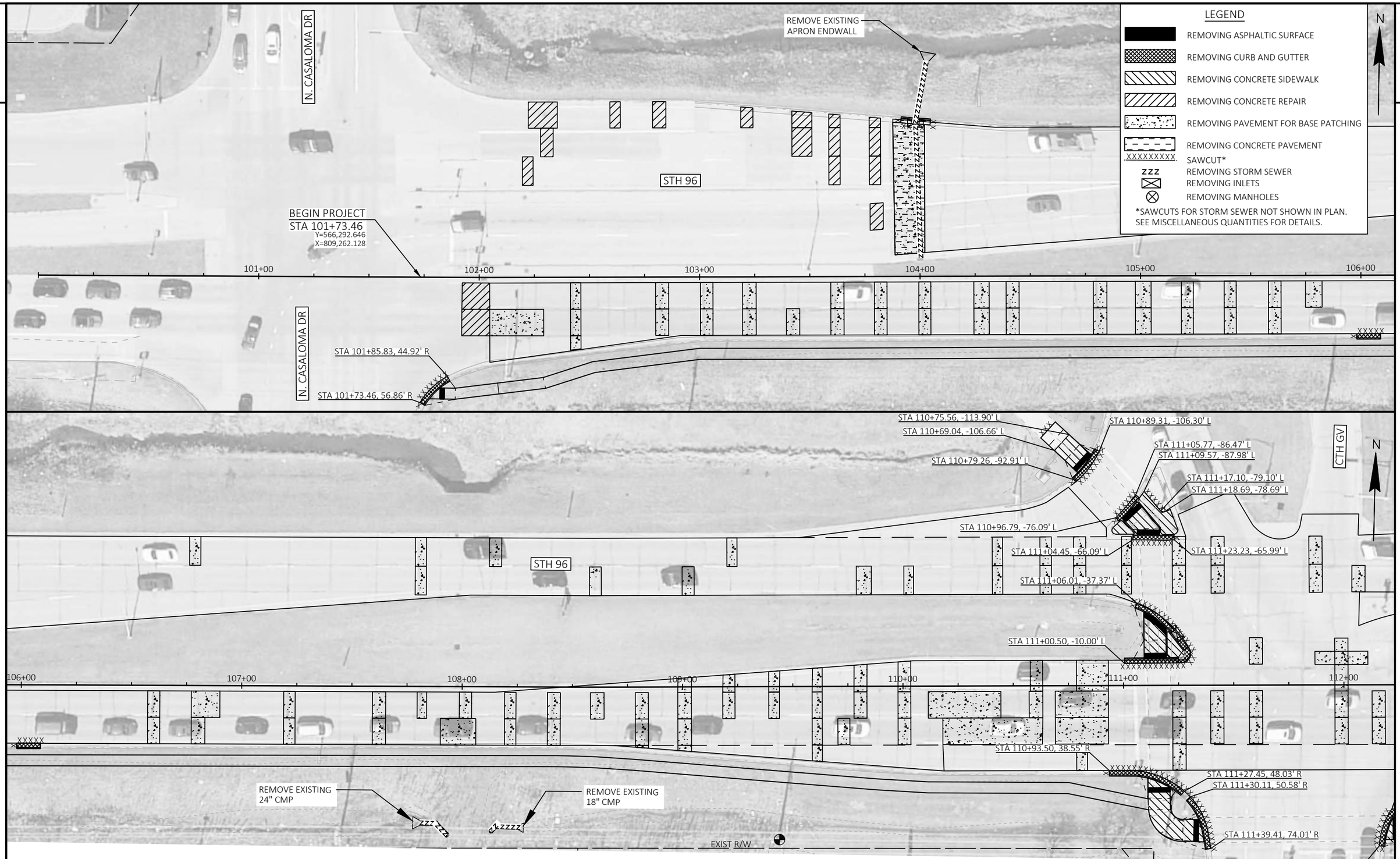
HMA — 10" HMA 4 MT 58-28 H (1 3/4" UPPER LAYER, 2 3/4" LOWER LAYER 2 3/4" LOWER LAYER, 2 3/4" LOWER LAYER)
10" BASE AGGREGATE DENSE 1 1/4-INCH
6" SELECT CRUSHED MATERIAL

ASPHALTIC SURFACE (4" DEPTH)

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	INTERSECTION DETAIL	SHEET 43	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021105-ID.DWG
LAYOUT NAME - 407540_021110-id

PLOT DATE : 5/27/2025 10:23 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET 44	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021110-RM.DWG
LAYOUT NAME - 407540_021110-rm
PLOT DATE : 5/22/2025 6:13 AM
PLOT BY : MATT TOMSOVIC
PLOT NAME :
1 IN:40 FT
WISDOT/CADDS SHEET 42

2

CTH GV

REMOVE CONCRETE BASE

REMOVE EXISTING GUARDRAIL

REMOVE CONCRETE SLOPED NOSE

STH 96

REMOVE CONCRETE BASE

REMOVE EXISTING GUARDRAIL

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE REPAIR
- REMOVING PAVEMENT FOR BASE PATCHING
- 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.

+00 113+00 114+00 115+00 116+00 117+00 118+00

N

STA 112+21.59, 56.30' R

STA 112+42.36, 60.01' R

STA 112+42.33, 69.88' R

EXIST R/W

EXIST R/W

EXIST R/W

N

N. COLORADO AVE

REMOVING SURFACE DRAIN

MOVING SIGNS TYPE II

STH 96

STA 122+71.30, -60.02' L

STA 123+27.37, -58.92' L

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

EXIST R/W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET 45	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021110-RM.DWG
LAYOUT NAME - 407540_021111-rm
PLOT DATE : 5/22/2025 6:13 AM
PLOT BY : MATT TOMSOVIC
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

IH 41

IH 41

STH 96

N

REMOVE EXISTING APRON ENDWALL

STA 129+93.37, -68.68' L

125+00

126+00

127+00

128+00

129+00

130+00

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 126+11.97, 26.50' R

STA 125+75.78, 51.86' R

STA 125+67.56, 44.69' R

STA 125+31.26, 44.89' R

STA 126+37.35, 48.18' R

STA 126+38.28, 48.17' R

STA 125+36.68, 57.32' 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

EXIST R/W

STA 125+34.59, 61.89' R

STA 126+07.38, 51.19' R

STA 125+87.84, 49.46' R

STA 125+81.63, 30.61' R

STA 125+57.32, 61.60' R

NOTE: SEE IH 41 NB RAMPS TRAFFIC SIGNAL PLAN FOR EXISTING SIGNAL REMOVALS

REMOVE EXISTING APRON ENDWALL

.37, -68.68' L

EXIST R/W

EXIST R/W

STA 135+92.80, -73.06' L

STA 135+87.84, -73.69' L

STA 135+87.22, -68.72' L

STA 135+92.11, -68.14' L

STH 96

N

131+00

132+00

133+00

134+00

135+00

STA 130+18.21, 32.91' R

STA 130+23.09, 31.81' R

STA 130+35.64, 31.70' R

STA 130+40.61, 31.65' R

EXIST R/W

STA 130+40.66, 36.65' R

STA 130+35.66, 36.70' R

STA 130+24.19, 36.69' R

STA 130+19.31, 37.79' R

STA 133+60.66, 36.45' R

STA 133+48.85, 41.67' R

STA 134+43.14, 36.46' R

STA 134+46.28, 41.69' R

STA 134+46.14, 46.69' R

STA 133+48.77, 48.36' R

R/W

TLE

STA 133+86.58, 48.40' R

W. WHEELER RD

TLE

STA 134+27.47, 48.35' R

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE REPAIR
- REMOVING PAVEMENT FOR BASE PATCHING
- 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.

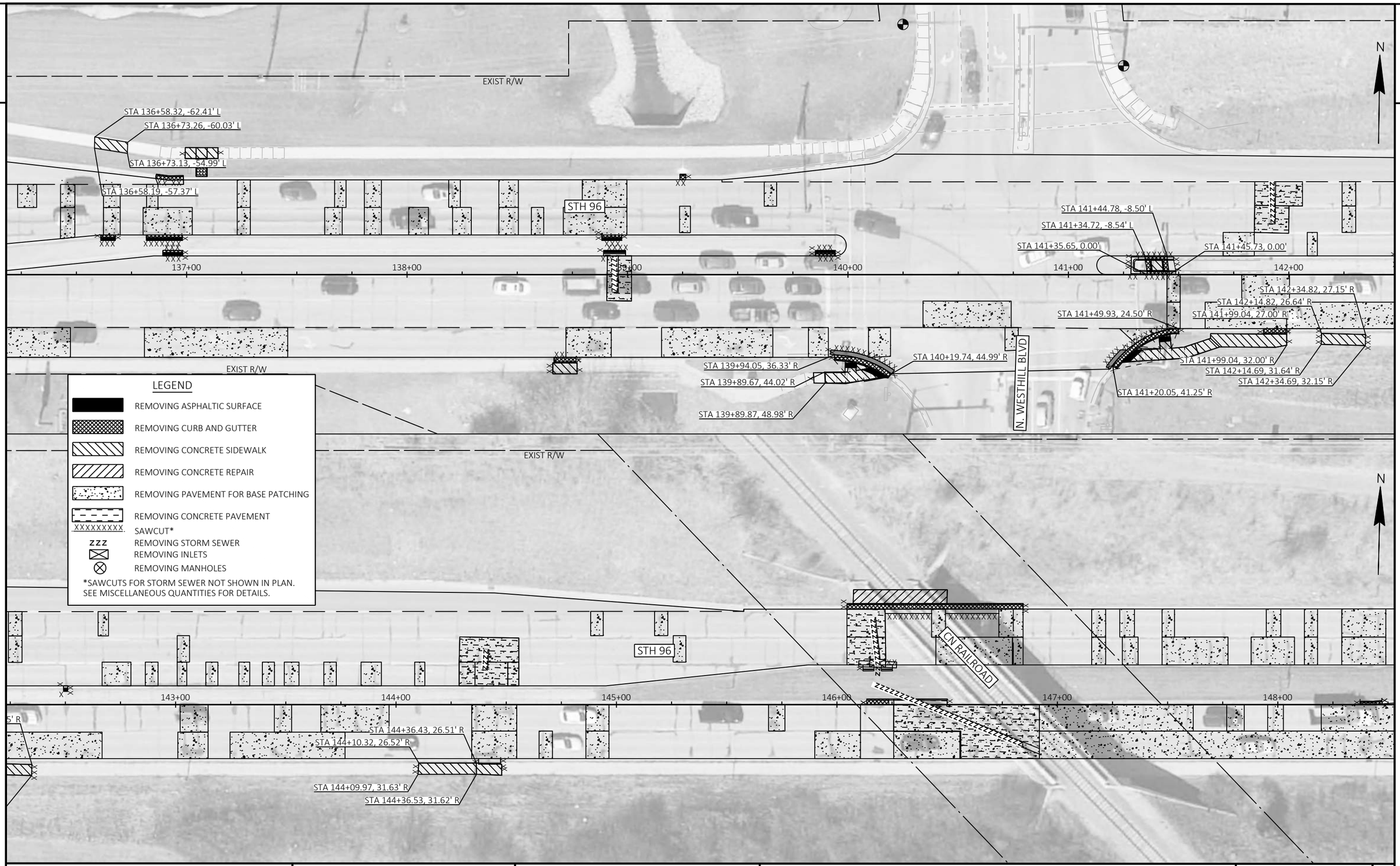
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET 46	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021110-RM.DWG
LAYOUT NAME - 407540_021112-rm

PLOT DATE : 5/22/2025 6:13 AM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET 47	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021110-RM.DWG
LAYOUT NAME - 407540_021113-rm
PLOT DATE : 5/22/2025 6:13 AM
PLOT BY : MATT TOMSOVIC
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE REPAIR
- REMOVING PAVEMENT FOR BASE PATCHING
- 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.

EXIST R/W

BLUEMOUND DR./ CTH AA

STA 153+37.25, -73.79' L
STA 153+27.19, -75.89' L
STA 153+48.23, -70.87' L
STA 154+3
STA 153+21.30, -45.29' L
STA 153+39.21, -18.17' L
STA 154+39.30, -13.50' L
STA 153+40.09, -11.11' L
STA 152+46.66, -18.34' L
STA 152+46.69, -15.18' L
STA 152+20.28, -14.40' L
STA 152+20.46, -8.55' L
STA 152+54.64, -10.51' L
STH 96
149+00
150+00
151+00
152+00
153+00
154+00
STA 154+39.30, 1.00' R
STA 154+49.18, 27.59' R
STA 153+85.77, 40.91' R
STA 154+27.72, 45.62' R
STA 153+80.95, 40.99' R
STA 154+23.04, 57.14' R
STA 153+19.09, 36.10' R
STA 153+78.80, 49.19' R
STA 153+16.93, 48.51' R
STA 153+16.80, 53.39' R
STA 153+46.64, 53.58' R
STA 153+79.20, 57.70' R
STA 153+87.79, 49.40' R
STA 153+87.40, 57.89' R
STA 150+74.81, 30.17' R
STA 151+24.78, 36.21' R
STA 150+73.70, 34.83' R
STA 151+24.37, 40.92' R

NOTE: SEE BLUEMOUND DR TRAFFIC SIGNAL PLAN FOR EXISTING SIGNAL REMOVALS

N

EXIST R/W
POPP LN
EXIST R/W

STA 154+33.39, -70.51' L
TLE
STA 157+00.26, -67.18' L
STA 157+33.40, -65.17' L
STA 154+68.29, -53.73' L
STA 158+53.92, -60.26' L
TLE
STA 158+87.72, -59.81' L
STA 158+99.07, -49.72' L
STA 160+41.12, -50.00' L
STA 157+60.01, -41.23' L
EXIST R/W
STA 156+65.90, -47.80' L
STA 157+23.86, -44.08' L
STA 158+34.40, -37.60' L
STA 156+90.40, -45.91' L
STA 158+53.93, -37.63' L
STA 158+94.69, -37.13' L
STA 160+17.97, -36.39' L
STH 96
STA 158+87.70, -37.23' L
STA 155+62.20, -5.76' L
STA 155+62.19, -2.12' L
155+00
156+00
157+00
158+00
159+00
160+00
STA 155+49.26, -2.07' L
STA 155+49.26, 2.02' R
STA 154+60.89, 24.72' R
STA 154+61.10, 40.89' R
STA 154+63.37, 45.34' R
R/W
TLE
EXIST R/W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET 48	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021110-RM.DWG
LAYOUT NAME - 407540_021114-rm

PLOT DATE : 5/22/2025 6:13 AM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE REPAIR
- REMOVING PAVEMENT FOR BASE PATCHING
- REMOVING CONCRETE PAVEMENT
- SAWCUT*
- 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 160+82.98, -36.73' L
STA 161+44.49, -36.49' L
STA 161+60.08, -36.50' L
STA 161+94.32, -36.53' L
STA 161+86.27, -36.52' L
EXIST R/W
STA 163+38, -55.00' L
STA 163+34.61, -36.78' L
STA 163+45.02, -36.79' L
STA 163+72.52, -55.00' L
STA 163+77.42, -36.84' L
STA 163+70.42, -36.81' L
STH 96
STA 166+60.87, -60.92' L
STA 166+42.09, -36.78' L
STA 166+56.20, -36.79' L
N
161+00
162+00
163+00
164+00
165+00
166+00
STA 162+33.46, 23.06' R
STA 162+78.93, 23.05' R
EXIST R/W
STA 165+34.94, 35.61' R
STA 165+37.89, 39.72' R
STA 165+37.85, 44.25' R
R/W
TLE
STA 165+81.59, 59.40' R
STA 166+28, 52.73' R
STA 166+49.35, 41.41' R
STA 166+46.38, 37.49' R
R/W
STA 166+33.52, 41.69' 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
.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
STH 96
TLE
EXIST R/W
REMOVING SURFACE DRAIN
STA 172+38.26, -59.18' L
STA 172+31.24, -59.15' L
EXIST R/W
STA 172+04.79, -36.93' L
STA 172+15.17, -36.99' L
STA 172+38.31, -47.18' L
N. REXFORD ST
N
167+00
168+00
169+00
170+00
171+00
172+00
STA 166+55.03, 32.32' R
STA 166+64.85, 31.13' R
R
STA 166+64.64, 35.96' R
STA 166+56.81, 36.89' R
TLE
EXIST R/W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET 49	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021110-RM.DWG
LAYOUT NAME - 407540_021115-rm
PLOT DATE : 5/22/2025 6:14 AM
PLOT BY : MATT TOMSOVIC
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

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

178+00

STA 174+12.80, 24.02' R

STA 174+04.28, 31.02' R

STA 174+91.50, 26.55' R

STA 175+04.55, 31.08' R

EXIST R/W

STA 174+04.19, 35.90' R

STA 175+04.57, 36.08' R

EXIST R/W

TLE

STA 174+38.03, 38.45' R

TLE

STA 174+79.53, 38.74' R

N

EXIST R/W

N. LYNNDALE DR

STA 179+80.41, -74.84' L

STA 179+89.81, -75.02' L

STA 179+95.97, -66.21' L

EXIST R/W

NOTE: SEE N. LYNNDALE DR TRAFFIC SIGNAL PLAN FOR EXISTING SIGNAL REMOVALS

STA 180+89.50, -69.28' L

TLE

EXIST R/W

STA 181+08.79, -55.61' L

STA 179+75.28, -48.34' L

STH 96

179+00

180+00

181+00

182+00

183+00

STA 179+76.72, 36.32' R

STA 179+72.70, 41.85' R

STA 181+04.92, 34.71' R

STA 181+19.36, 39.05' R

STA 181+19.72, 43.97' R

STA 180+95.48, 46.91' R

EXIST R/W

STA 179+72.93, 46.83' R

STA 179+97.47, 47.02' R

N. LYNNDALE DR

E. SERVICE RD

EXIST R/W

LEGEND

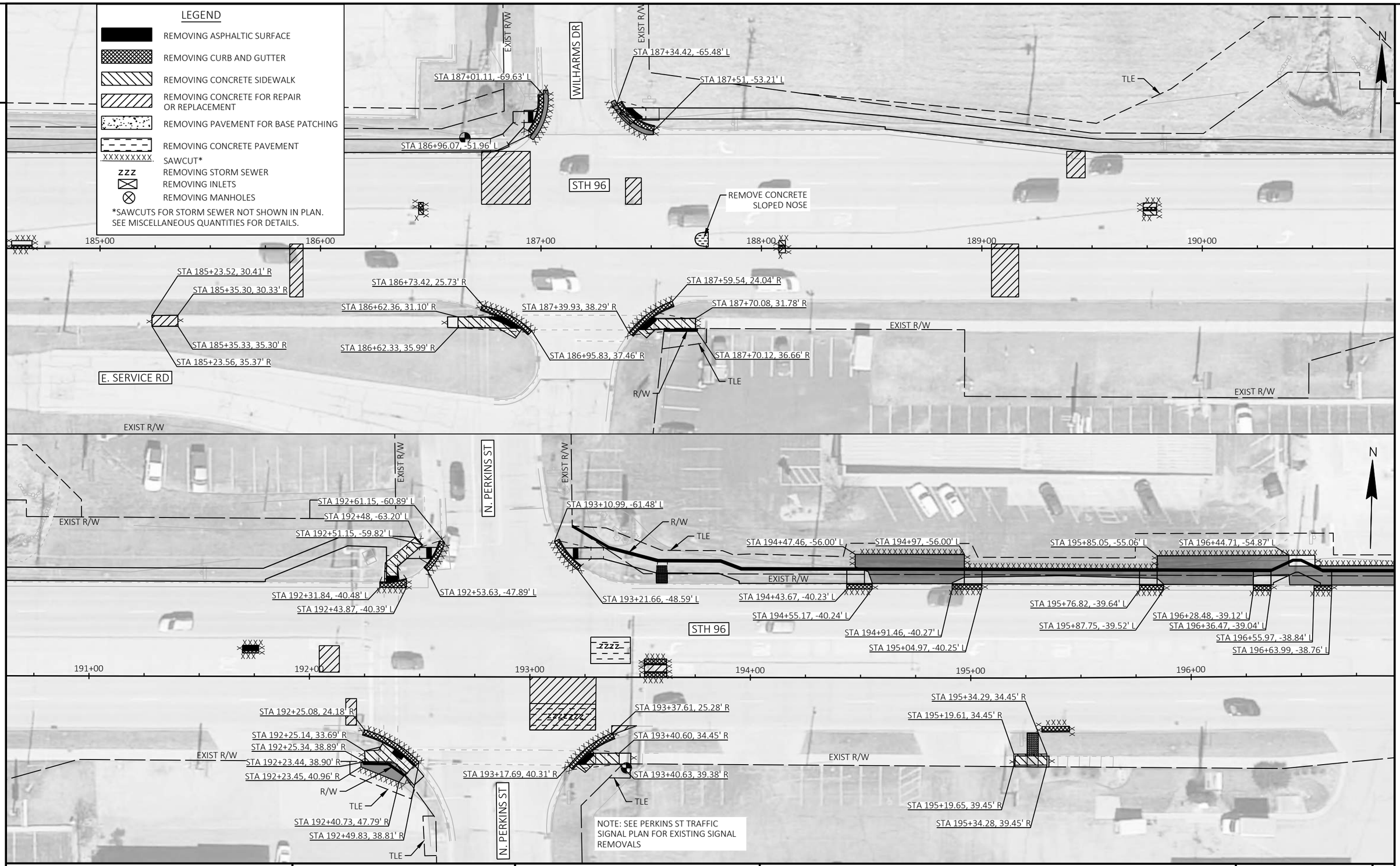
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE FOR REPAIR OR REPLACEMENT
- REMOVING PAVEMENT FOR BASE PATCHING
- REMOVING CONCRETE PAVEMENT
- XXXXXXXXX SAWCUT*
- ZZZ REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES

*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 50	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021110-RM.DWG
LAYOUT NAME - 407540_021116-rm

PLOT DATE : 5/27/2025 8:33 AM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:40 FT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET 51	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021110-RM.DWG
LAYOUT NAME - 407540_021117-rm
PLOT DATE : 5/27/2025 8:33 AM
PLOT BY : MATT TOMSOVIC
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

REMOVE CONCRETE BASE AND LIGHT POLE

STA 197+13.20, -50.00' L
STA 197+82.51, -50.00' L
STA 198+50.30, -49.87' L
TLE
R/W
STA 199+82.57, -55.00' L
STA 199+60.73, -55.00' L
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
EXIST R/W
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 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
STA 197+16.58, -38.73' L
STA 197+06.40, -38.75' L
STA 197+91.24, -38.59' L
STA 197+83.24, -38.61' L
STH 96
STA 201+42.72, -38.63' L
STA 201+34.72, -38.63' L
197+00
198+00
199+00
202+00

STA 199+48.72, 21.81' R
STA 199+56.62, 21.84' R
STA 199+89.07, 27.98' R
STA 198+50.65, 21.92' R
STA 198+62.52, 21.88' R
STA 198+49.90, 27.85' R
EXIST R/W
STA 198+49.85, 32.78' R
STA 199+88.99, 32.91' R
R/W
TLE
STA 198+76.91, 34.94' R
N. HARD DR
STA 199+33.73, 34.45' R

R/W
TLE
STA 203+53.16, -56.03' L
STA 204+75.69, -51.84' L
STA 204+35.49, -51.72' L
REMOVE CONCRETE BASES AND SIGN
STA 207+72.23, -47.92' L
STA 206+96.12, -49.48' L
EXIST R/W
STA 203+54.53, -38.77' L
STA 203+49.52, -38.76' L
STA 204+84.24, -38.94' L
STA 206+73.66, -39.06' L
STA 207+72.26, -41.42' 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+72.20, -38.97' L
STH 96
203+00
204+00
205+00
206+00
207+00
208+00

LEGEND
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING CONCRETE REPAIR
- REMOVING PAVEMENT FOR BASE PATCHING
- REMOVING CONCRETE PAVEMENT
- SAWCUT*
- REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES

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

STA 203+19.11, 37.97' R
STA 203+33.34, 37.94' R
STA 206+16.06, 44.00' R
STA 206+49.18, 44.19' R
EXIST R/W
STA 205+95.51, 44.12' R
STA 205+95.52, 48.81' R
STA 203+33.26, 43.00' R
STA 206+16.08, 49.39' R
STA 206+49.19, 49.57' R
STA 203+19.14, 42.82' R
STA 206+41.86, 44.13' R
STA 206+41.88, 49.45' R
TLE
END PROJECT
STA 206+97.85
Y=566,371.115
X=819,785.040
EXIST R/W
N. BADGER AVE

SIGN
POST
STH 96

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL PLAN	SHEET 52	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021110-RM.DWG
LAYOUT NAME - 407540_021118-rm

PLOT DATE : 5/27/2025 8:33 AM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

EXISTING RAILROAD R/W PROPERTY LINE

PROPOSED HE

EXISTING 72-INCH STORM SEWER PIPE JOINT REPAIRS

EP: 11+91.34

FOX VALLEY AND LAKE SUPERIOR RAIL SYSTEM LLC

SLOPE INTERCEPTS

CONCRETE PANELED CROSSING

CONCRETE PAVEMENT REPAIR

EXISTING HIGHWAY R/W

EXISTING RR SIGNAL & GATE

ROADWAY CONTRACTOR TO REMOVE & REPLACE 3-INCH CONDUIT WITHIN EXCAVATION LIMITS

RAILROAD HMA RESURFACING LIMITS

STH 96

RAILROAD HMA RESURFACING LIMITS

STOP BAR

CONCRETE PAVEMENT REPAIR

EXISTING HIGHWAY R/W

EXISTING MANHOLE TO BE LINED

RAILROAD HMA RESURFACING LIMITS

SLOPE INTERCEPTS

EXISTING HIGHWAY R/W

TLE

RAILROAD CONTRACTOR TO PLACE 3-INCH CONDUIT PROVIDED BY THE CONTRACTOR

BP: 10+00.00

RAILROAD CONTRACTOR TO PLACE 8-INCH CMP UNDERDRAIN

PROPOSED HE

EXISTING RAILROAD R/W SECTION LINE

EXISTING RAILROAD R/W PROPERTY LINE

203+00 203+50 204+00 204+50 205+00 205+50 206+00 207+00

PI: 206+74.67

LEGEND

CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN DETAILS - RAILROAD CROSSING	SHEET 53	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021201-PD-RRSP.DWG
LAYOUT NAME - 407540_021201-pd-RRSP

PLOT DATE : 5/9/2025 9:30 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:30FT

WISDOT/CADDS SHEET 42

2

2

N

EXISTING RAILROAD SIGN TO
REMAIN ON UTILITY POLE

R R

EXEMPT

EXISTING R/W

SIGN

SS

RR

207+50

208+00

208+50

209+00

209+50

210+00

210+50

211+00

211+50

STH 96

EXISTING R/W

IGHWAY R/W

CTION LINE

N BADGER AVE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN DETAILS - RAILROAD CROSSING	SHEET 54	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021201-PD-RRSP.DWG
LAYOUT NAME - 407540_021202-pd-RRSP

PLOT DATE : 1/16/2025 10:15 AM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:30FT

2

2

N

160+18

±783.43

783.46

±783.45

783.49

783.53

±783.68

783.61

±783.73

783.69

±783.82

783.76

±783.87

783.84

783.96

±783.86

±783.93

161+60

BASE PATCHING CONCRETE, TYP.

160+25

160+50

160+75

161+00

161+25

161+50

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN DETAIL - CURB & GUTTER REPLACEMENT	SHEET 55	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021110-ID.DWG
LAYOUT NAME - 407540_021205-pd

PLOT DATE : 11/14/2024 9:12 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

2

N

CONCRETE SIDEWALK, 4-INCH

SAWCUT (TYP)

SLOPE INTERCEPT (TYP)

EXIST R/W

TLE

PROP R/W

CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (TYP)

CONCRETE SIDEWALK, 4-INCH

+46.64 52.20' LT

+50.14 52.16' LT

+36.53 47.54' LT

+60.07 47.27' LT

+51.75 51.66' LT

+55.14 51.65' LT

+42.26 47.16' LT

+64.53 47.14' LT

PI: 196+75.88

STH 96 R/L

196+00

197+00

198+00

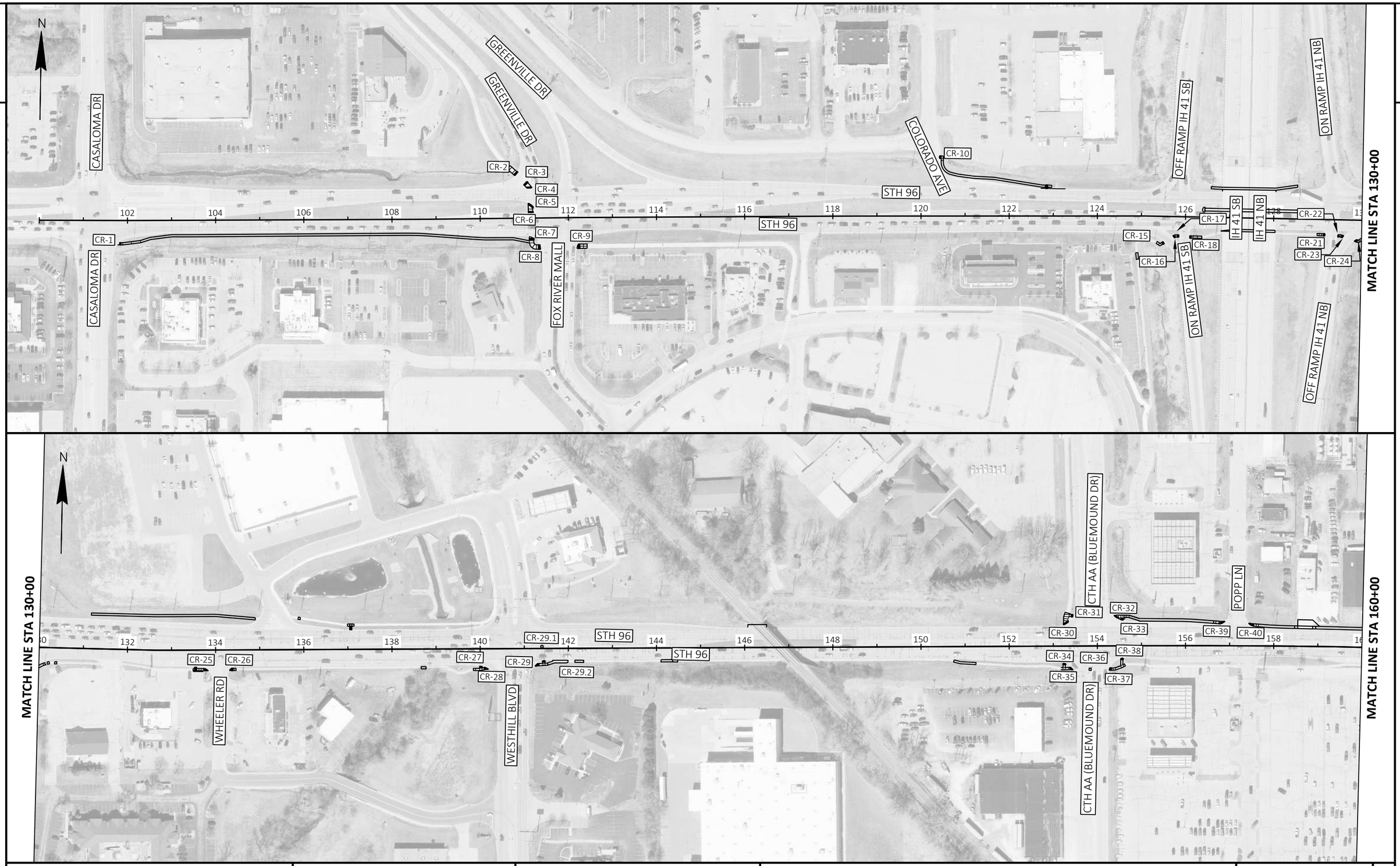
199+00

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN DETAILS - SIDEWALK BUMP-OUTS	SHEET 56	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021211-PD.DWG
LAYOUT NAME - 407540_021211-pd

PLOT DATE : 10/23/2024 10:26 AM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS OVERVIEW	SHEET 57	E

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

PLOT DATE : 11/25/2024 10:48 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

MATCH LINE STA 160+00

N

STH 96

REXORD ST

LYNNDALE DR

WILHARMS DR

CR-41 CR-42 CR-43 CR-44 CR-45 CR-46 CR-47 CR-48 CR-49 CR-50 CR-51 CR-52 CR-53 CR-54

ELBERG AVE

HICKORY FARM LN

EAST SERVICE RD

160 162 164 166 168 170 172 174 176 178 180 182 184 186 188

MATCH LINE STA 190+00

N

PERKINS ST

MOTO MART ENTR

HARD DR

BADGER AVE

CR-55 CR-56 CR-57 CR-58 CR-59 CR-60 CR-61 CR-62 CR-63 CR-64 CR-65 CR-66 CR-67

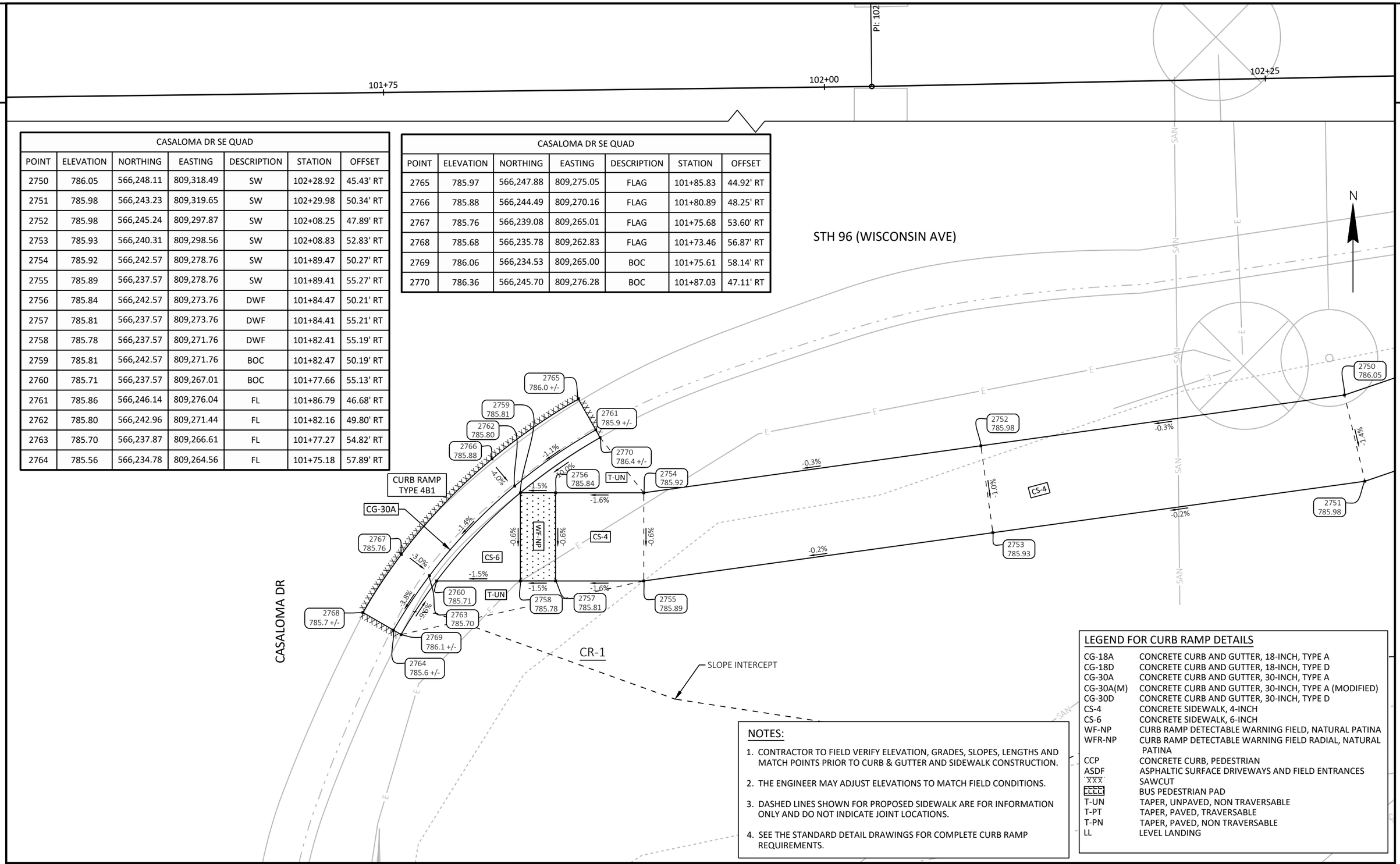
190 192 194 196 198 200 202 204 206 208 210 212

2

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS OVERVIEW	SHEET 58	E

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	785.98	566,245.24	809,297.87	SW	102+08.25	47.89' RT
2753	785.93	566,240.31	809,298.56	SW	102+08.83	52.83' RT
2754	785.92	566,242.57	809,278.76	SW	101+89.47	50.27' RT
2755	785.89	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
2769	786.06	566,234.53	809,265.00	BOC	101+75.61	58.14' RT
2770	786.36	566,245.70	809,276.28	BOC	101+87.03	47.11' RT

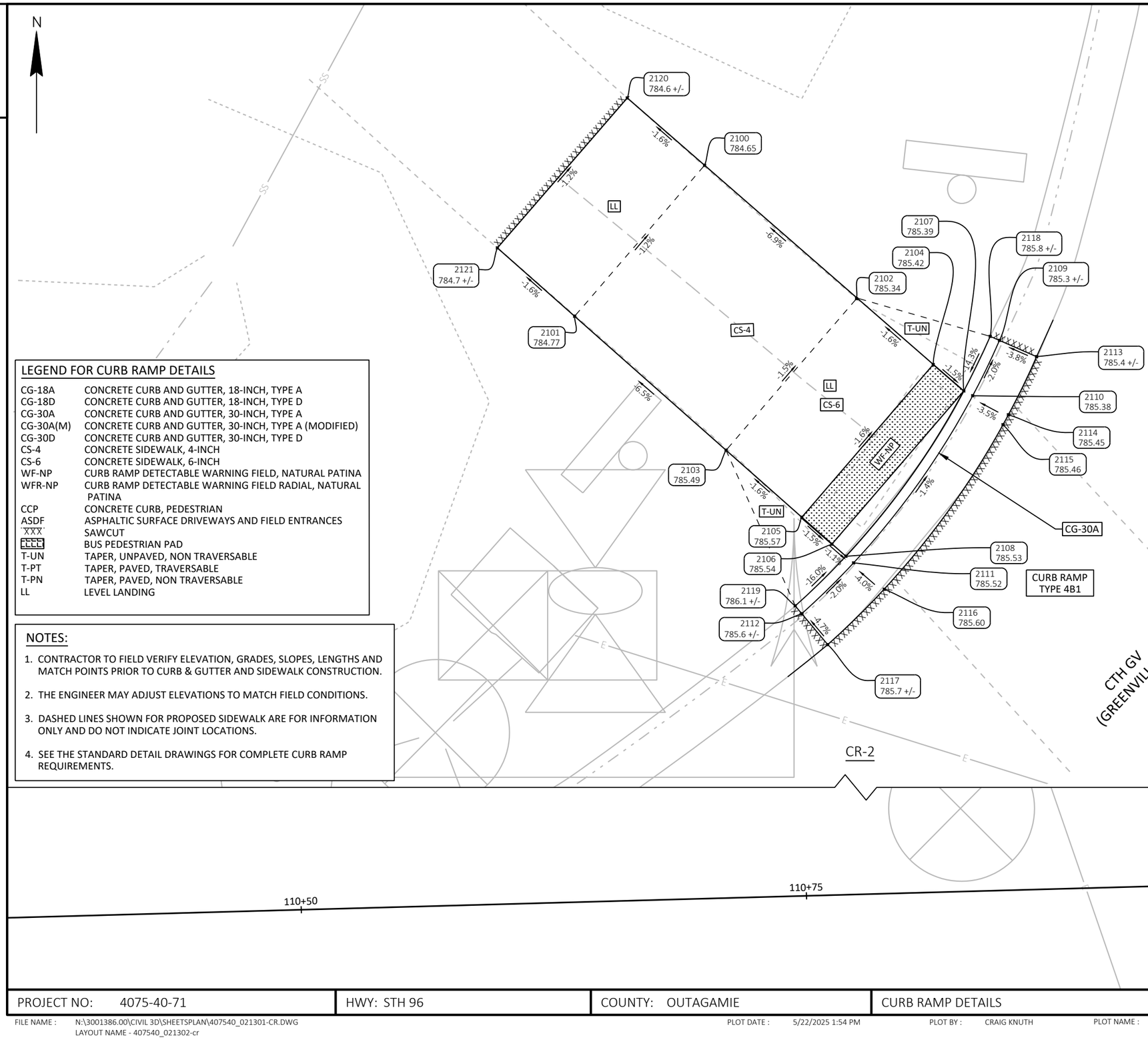


NOTES:

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-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING



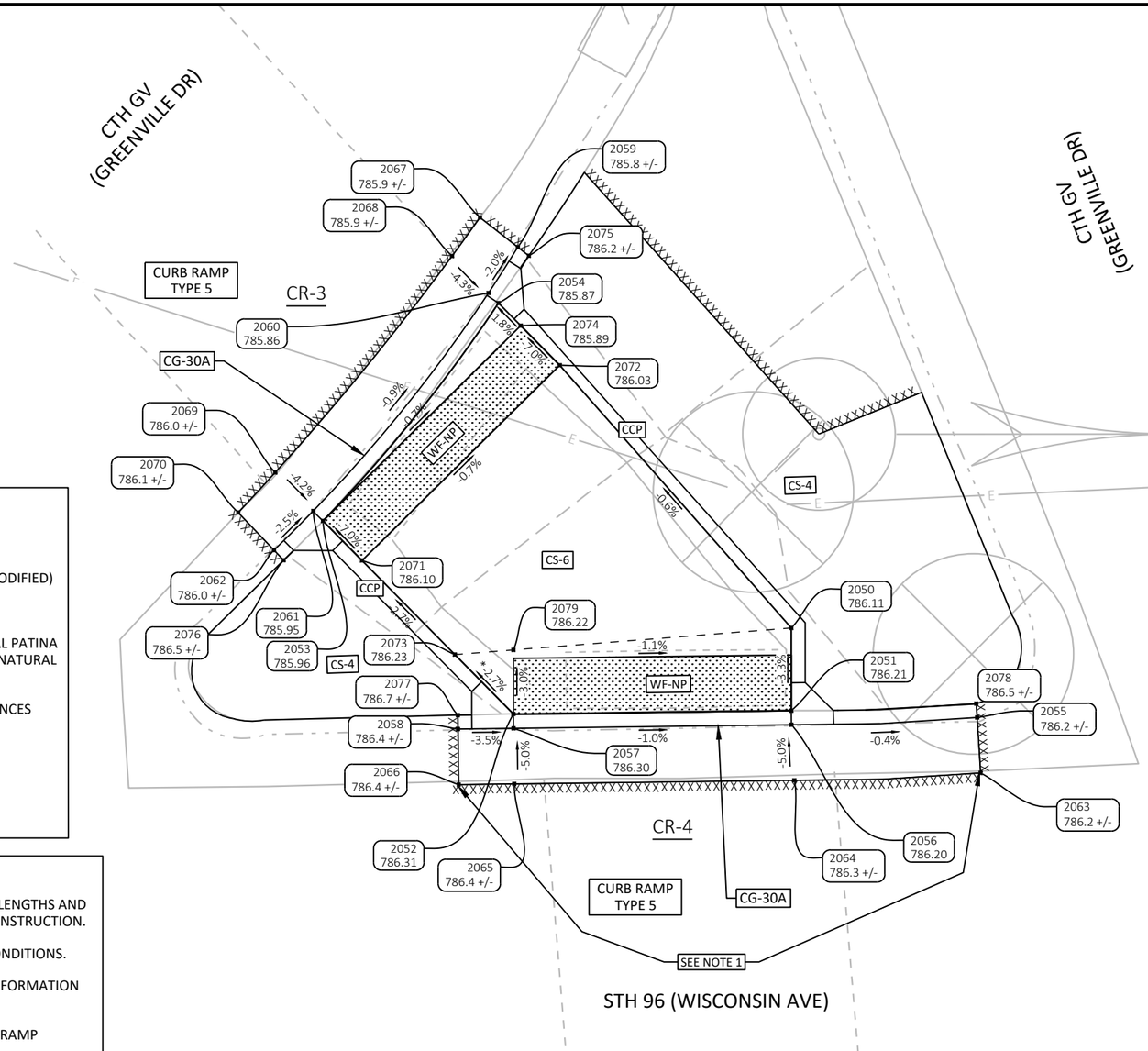
LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
´XXX´	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

GREENVILLE DR NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2100	784.65	566,428.29	810,158.41	SW	110+73.16	116.21' LT
2101	784.77	566,420.83	810,151.98	SW	110+66.53	108.92' LT
2102	785.34	566,421.70	810,165.93	SW	110+80.49	109.41' LT
2103	785.49	566,414.20	810,159.47	SW	110+73.83	102.09' LT
2104	785.42	566,418.43	810,169.72	DWF	110+84.19	106.04' LT
2105	785.57	566,410.89	810,163.22	DWF	110+77.49	98.68' 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	566,406.11	810,163.22	FL	110+77.35	93.91' 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	785.69	566,404.59	810,164.50	FLAG	110+78.59	92.34' LT
2118	785.82	566,419.83	810,172.54	BOC	110+87.05	107.36' LT
2119	786.09	566,406.50	810,162.89	BOC	110+77.04	94.30' LT
2120	784.57	566,431.62	810,154.59	SW	110+69.43	119.64' LT
2121	784.69	566,424.21	810,148.16	SW	110+62.80	112.41' LT



LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

NOTES:

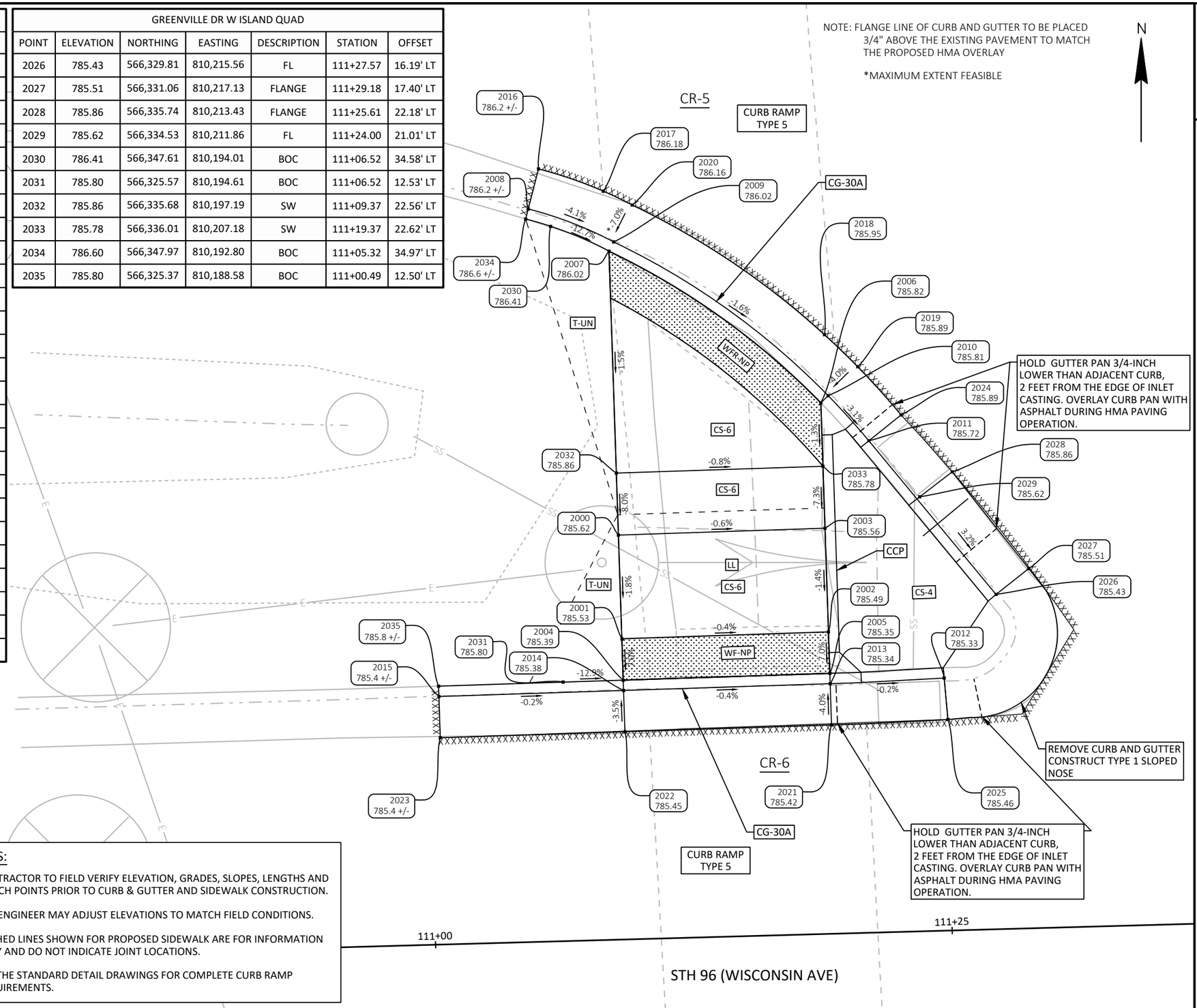
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.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

GREENVILLE DR NW ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2050	786.11	566,384.69	810,203.03	SW	111+16.57	71.39' LT
2051	786.21	566,381.72	810,203.03	BOC	111+16.48	68.42' LT
2052	786.31	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	786.19	566,381.47	810,209.72	FL	111+23.16	67.99' LT
2056	786.20	566,381.21	810,203.04	FL	111+16.48	67.91' LT
2057	786.30	566,381.08	810,193.04	FL	111+06.48	68.06' LT
2058	786.40	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	786.21	566,379.47	810,209.85	FLAG	111+23.23	65.99' LT
2064	786.30	566,379.21	810,203.15	FLAG	111+16.53	65.91' LT
2065	786.40	566,379.08	810,193.07	FLAG	111+06.45	66.06' LT
2066	786.40	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	786.10	566,387.12	810,187.59	DWF	111+01.19	74.25' LT
2072	786.03	566,394.14	810,194.70	DWF	111+08.50	81.07' LT
2073	786.23	566,383.73	810,190.93	SW	111+04.44	70.77' LT
2074	785.89	566,395.56	810,193.30	DWF	111+07.13	82.53' LT
2075	786.20	566,398.08	810,193.59	BOC	111+07.49	85.04' LT
2076	786.50	566,387.13	810,184.77	BOC	110+98.37	74.34' LT
2077	786.70	566,381.55	810,191.04	BOC	111+04.48	68.59' LT
2078	786.50	566,381.97	810,209.69	BOC	111+23.14	68.49' LT
2079	786.22	566,383.90	810,193.03	SW	111+06.55	70.88' LT

NOTE 1: FLANGE LINE OF CURB AND GUTTER TO BE PLACED 3/4" ABOVE THE EXISTING PAVEMENT TO MATCH THE PROPOSED HMA OVERLAY

GREENVILLE DR W ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2000	785.62	566,332.68	810,197.29	SW	111+09.39	19.56' LT
2001	785.53	566,327.67	810,197.45	DWF	111+09.42	14.55' LT
2002	785.49	566,328.00	810,207.45	DWF	111+19.42	14.60' LT
2003	785.56	566,333.01	810,207.28	SW	111+19.39	19.62' LT
2004	785.39	566,325.66	810,197.52	BOC	111+09.43	12.54' LT
2005	785.35	566,325.99	810,207.51	DWF	111+19.43	12.60' LT
2006	785.82	566,339.08	810,207.08	BOC	111+19.35	25.69' LT
2007	786.02	566,346.41	810,196.83	BOC	111+09.31	33.30' LT
2008	786.20	566,348.45	810,192.92	FL	111+05.46	35.45' LT
2009	786.02	566,346.86	810,197.05	FL	111+09.54	33.74' LT
2010	785.81	566,339.42	810,207.43	FL	111+19.71	26.03' LT
2011	785.72	566,337.24	810,209.40	FL	111+21.62	23.79' LT
2012	785.33	566,325.77	810,213.05	FL	111+24.95	12.22' LT
2013	785.34	566,325.49	810,207.53	FL	111+19.43	12.10' LT
2014	785.38	566,325.17	810,197.54	FL	111+09.43	12.05' LT
2015	785.40	566,324.88	810,188.60	FL	111+00.49	12.00' LT
2016	786.22	566,350.39	810,193.42	FLAG	111+06.01	37.37' LT
2017	786.18	566,349.32	810,196.55	FLAG	111+09.11	36.21' LT
2018	785.95	566,342.38	810,207.25	FLAG	111+19.62	28.98' LT
2019	785.89	566,340.82	810,208.86	FLAG	111+21.18	27.38' LT
2020	786.16	566,348.65	810,197.95	FLAG	111+10.49	35.51' LT
2021	785.42	566,323.49	810,207.60	FLAG	111+19.44	10.10' LT
2022	785.45	566,323.17	810,197.60	FLAG	111+09.44	10.05' LT
2023	785.38	566,322.88	810,188.67	FLAG	111+00.50	10.00' LT
2024	785.89	566,338.49	810,210.96	FLAG	111+23.21	25.00' LT
2025	785.46	566,323.76	810,213.23	SW	111+25.08	10.21' LT

GREENVILLE DR W ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2026	785.43	566,329.81	810,215.56	FL	111+27.57	16.19' LT
2027	785.51	566,331.06	810,217.13	FLANGE	111+29.18	17.40' LT
2028	785.86	566,335.74	810,213.43	FLANGE	111+25.61	22.18' LT
2029	785.62	566,334.53	810,211.86	FL	111+24.00	21.01' LT
2030	786.41	566,347.61	810,194.01	BOC	111+06.52	34.58' LT
2031	785.80	566,325.57	810,194.61	BOC	111+06.52	12.53' LT
2032	785.86	566,335.68	810,197.19	SW	111+09.37	22.56' LT
2033	785.78	566,336.01	810,207.18	SW	111+19.37	22.62' LT
2034	786.60	566,347.97	810,192.80	BOC	111+05.32	34.97' LT
2035	785.80	566,325.37	810,188.58	BOC	111+00.49	12.50' LT

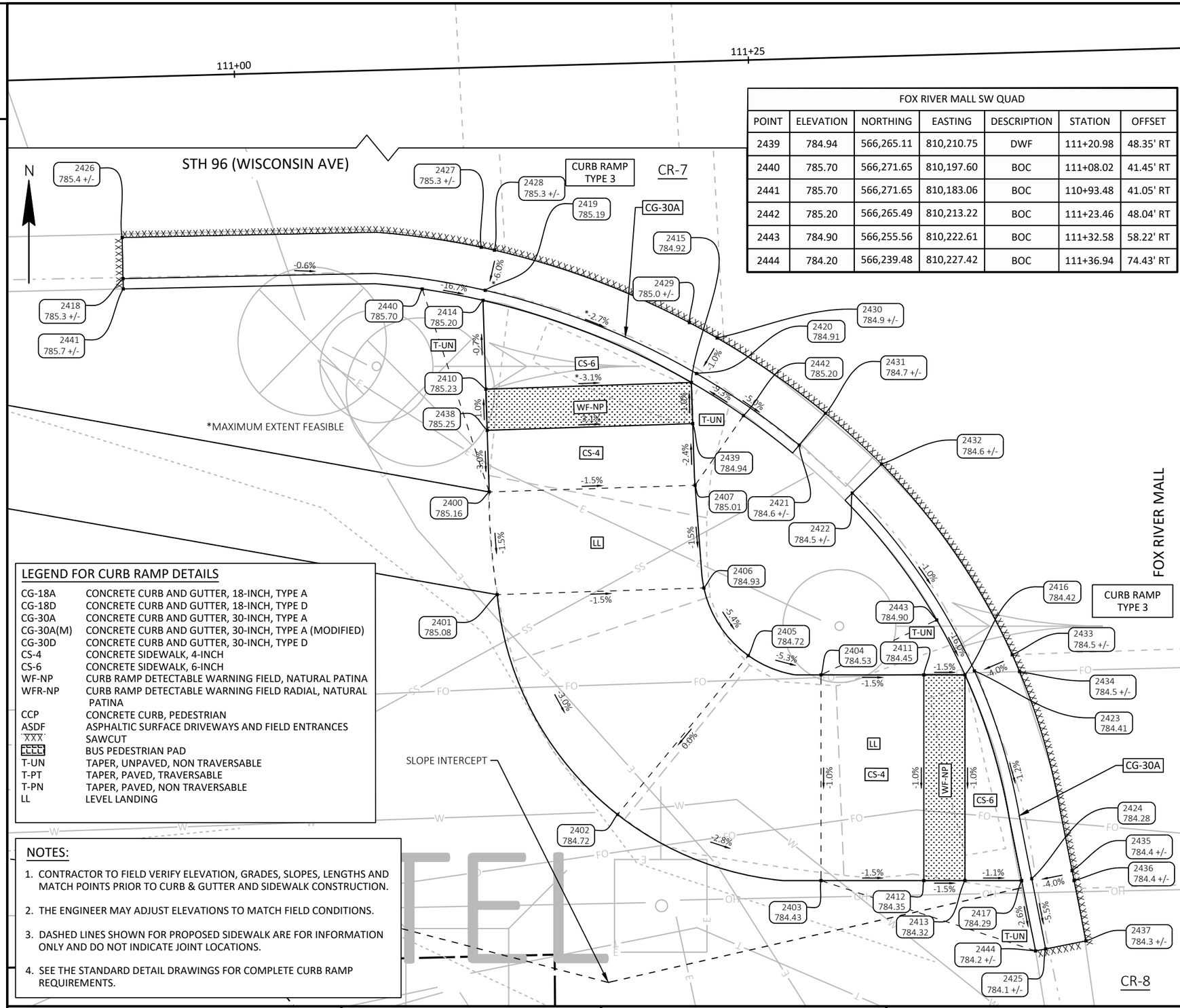


LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
BUS	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

PRELIMINARY

FOX RIVER MALL SW QUAD

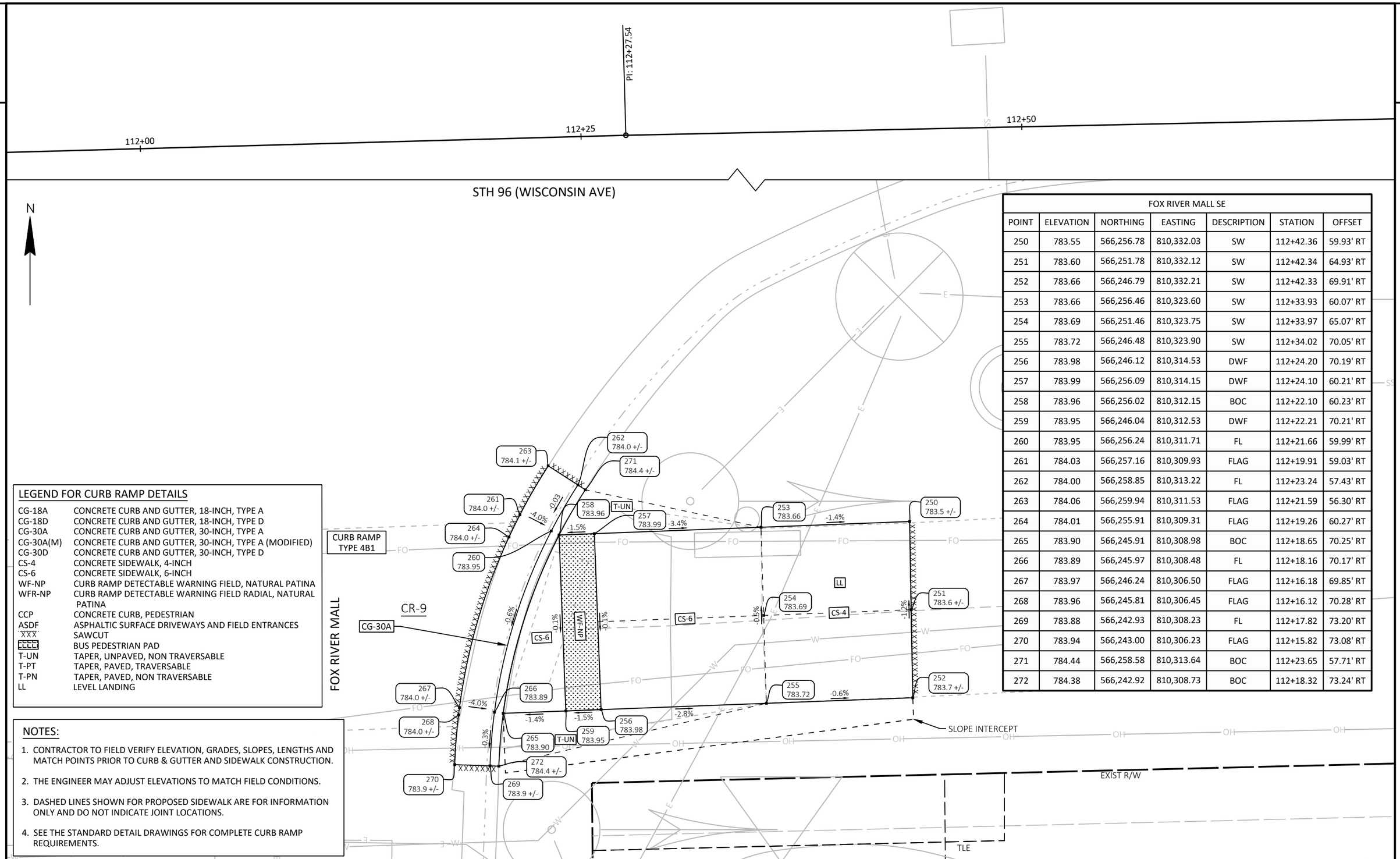
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2439	784.94	566,265.11	810,210.75	DWF	111+20.98	48.35' RT
2440	785.70	566,271.65	810,197.60	BOC	111+08.02	41.45' RT
2441	785.70	566,271.65	810,183.06	BOC	110+93.48	41.05' RT
2442	785.20	566,265.49	810,213.22	BOC	111+23.46	48.04' RT
2443	784.90	566,255.56	810,222.61	BOC	111+32.58	58.22' RT
2444	784.20	566,239.48	810,227.42	BOC	111+36.94	74.43' RT

FOX RIVER MALL SW QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2400	785.16	566,261.79	810,200.85	SW	111+11.00	51.40' RT
2401	785.08	566,256.80	810,201.24	SW	111+11.25	56.40' RT
2402	784.72	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	784.72	566,253.83	810,213.45	SW	111+23.37	59.70' RT
2406	784.93	566,257.12	810,211.29	SW	111+21.30	56.35' RT
2407	785.01	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
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
2438	785.25	566,264.78	810,200.75	DWF	111+10.98	48.40' RT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 63 E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021305-cr
PLOT DATE : 5/22/2025 1:54 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:5 FT



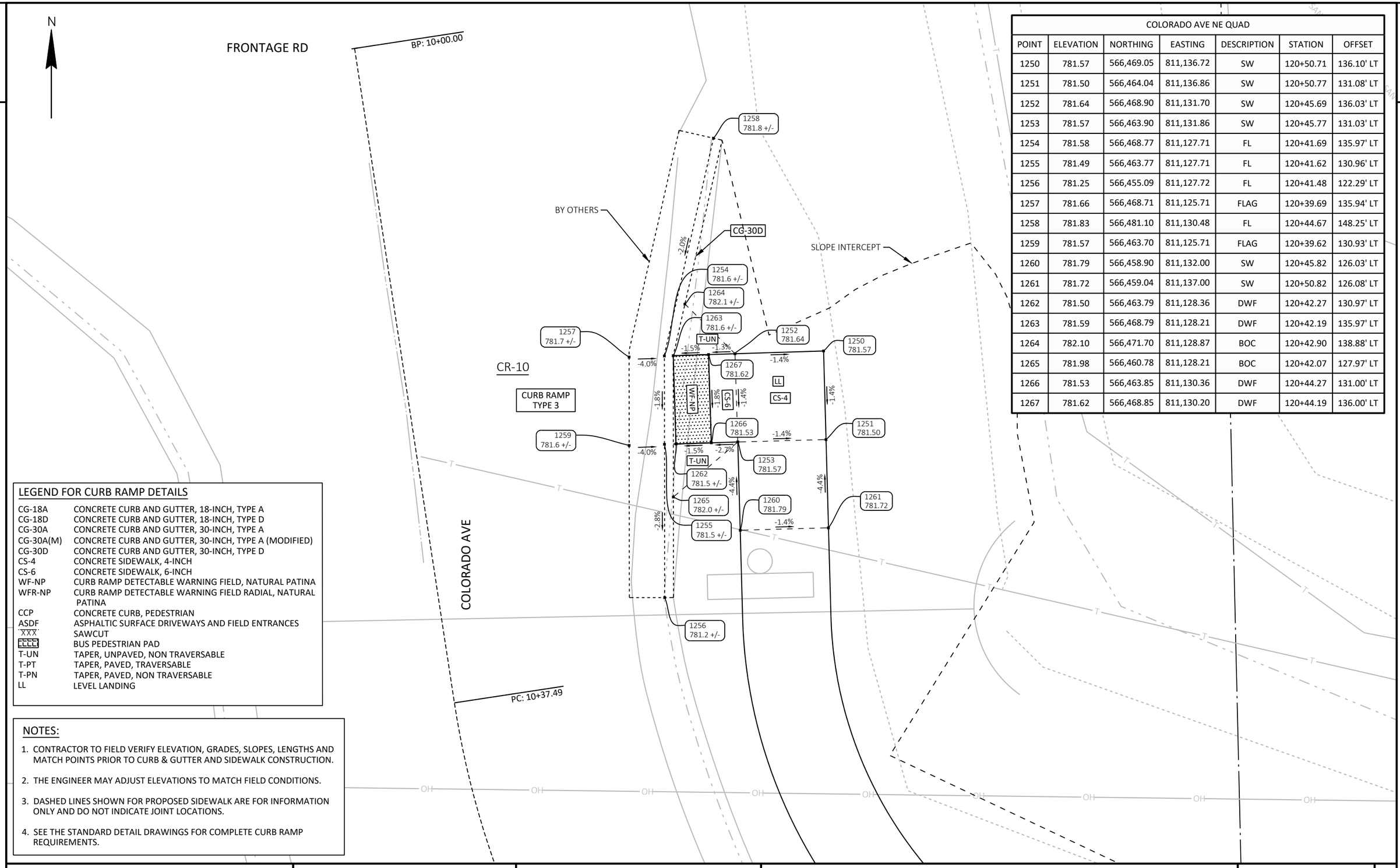
FOX RIVER MALL SE						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
250	783.55	566,256.78	810,332.03	SW	112+42.36	59.93' RT
251	783.60	566,251.78	810,332.12	SW	112+42.34	64.93' RT
252	783.66	566,246.79	810,332.21	SW	112+42.33	69.91' RT
253	783.66	566,256.46	810,323.60	SW	112+33.93	60.07' 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	784.00	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
271	784.44	566,258.58	810,313.64	BOC	112+23.65	57.71' RT
272	784.38	566,242.92	810,308.73	BOC	112+18.32	73.24' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
BPPP	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.



COLORADO AVE NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1250	781.57	566,469.05	811,136.72	SW	120+50.71	136.10' LT
1251	781.50	566,464.04	811,136.86	SW	120+50.77	131.08' LT
1252	781.64	566,468.90	811,131.70	SW	120+45.69	136.03' LT
1253	781.57	566,463.90	811,131.86	SW	120+45.77	131.03' LT
1254	781.58	566,468.77	811,127.71	FL	120+41.69	135.97' LT
1255	781.49	566,463.77	811,127.71	FL	120+41.62	130.96' LT
1256	781.25	566,455.09	811,127.72	FL	120+41.48	122.29' LT
1257	781.66	566,468.71	811,125.71	FLAG	120+39.69	135.94' LT
1258	781.83	566,481.10	811,130.48	FL	120+44.67	148.25' LT
1259	781.57	566,463.70	811,125.71	FLAG	120+39.62	130.93' LT
1260	781.79	566,458.90	811,132.00	SW	120+45.82	126.03' LT
1261	781.72	566,459.04	811,137.00	SW	120+50.82	126.08' LT
1262	781.50	566,463.79	811,128.36	DWF	120+42.27	130.97' LT
1263	781.59	566,468.79	811,128.21	DWF	120+42.19	135.97' LT
1264	782.10	566,471.70	811,128.87	BOC	120+42.90	138.88' LT
1265	781.98	566,460.78	811,128.21	BOC	120+42.07	127.97' LT
1266	781.53	566,463.85	811,130.36	DWF	120+44.27	131.00' LT
1267	781.62	566,468.85	811,130.20	DWF	120+44.19	136.00' LT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
LLLL	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

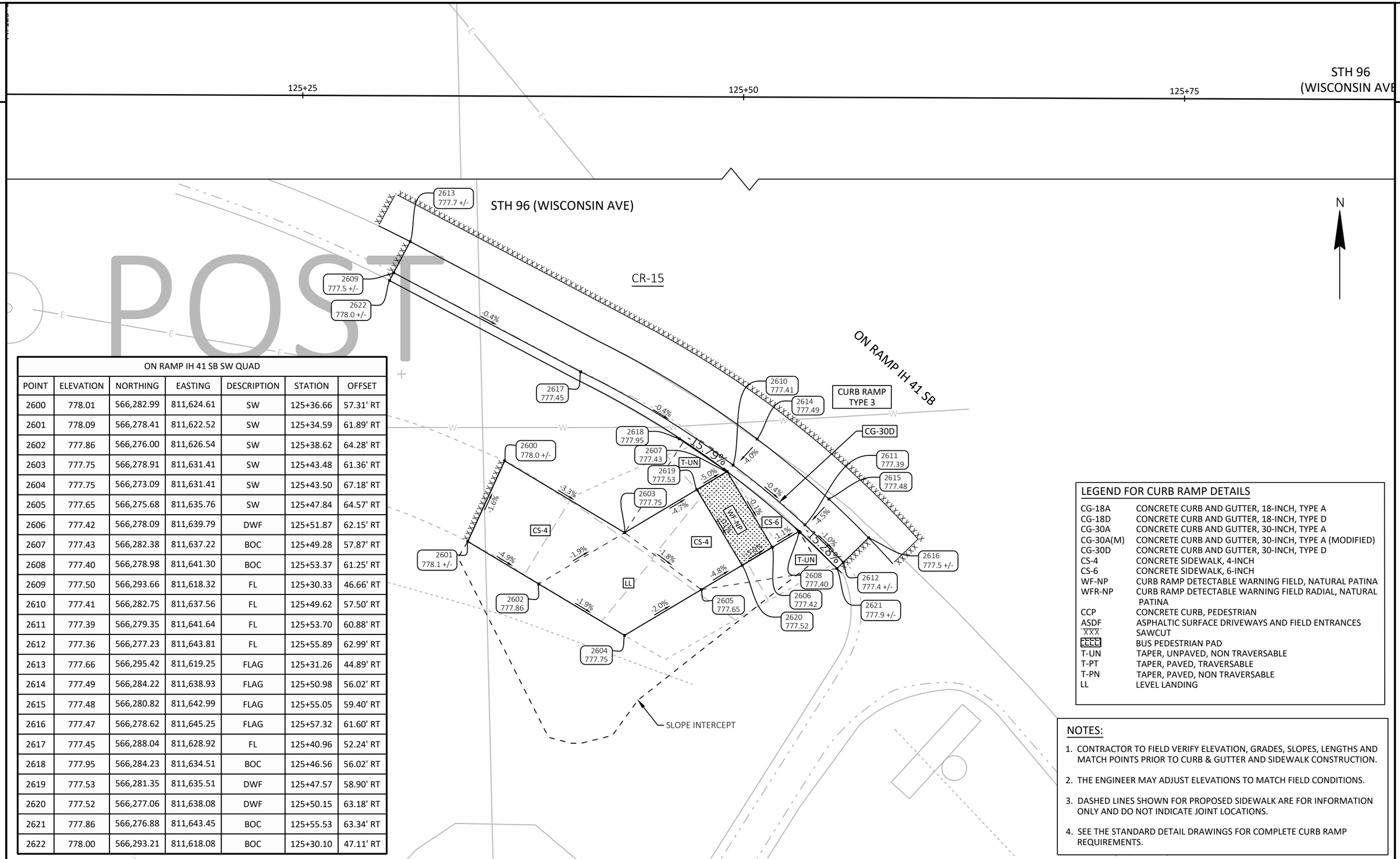
NOTES:

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.

2

125+25 125+50 125+75

STH 96 (WISCONSIN AVE



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	777.86	566,276.00	811,626.54	SW	125+38.62	64.28' RT
2603	777.75	566,278.91	811,631.41	SW	125+43.48	61.36' RT
2604	777.75	566,273.09	811,631.41	SW	125+43.50	67.18' RT
2605	777.65	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
2618	777.95	566,284.23	811,634.51	BOC	125+46.56	56.02' RT
2619	777.53	566,281.35	811,635.51	DWF	125+47.57	58.90' RT
2620	777.52	566,277.06	811,638.08	DWF	125+50.15	63.18' RT
2621	777.86	566,276.88	811,643.45	BOC	125+55.53	63.34' RT
2622	778.00	566,293.21	811,618.08	BOC	125+30.10	47.11' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

NOTES:

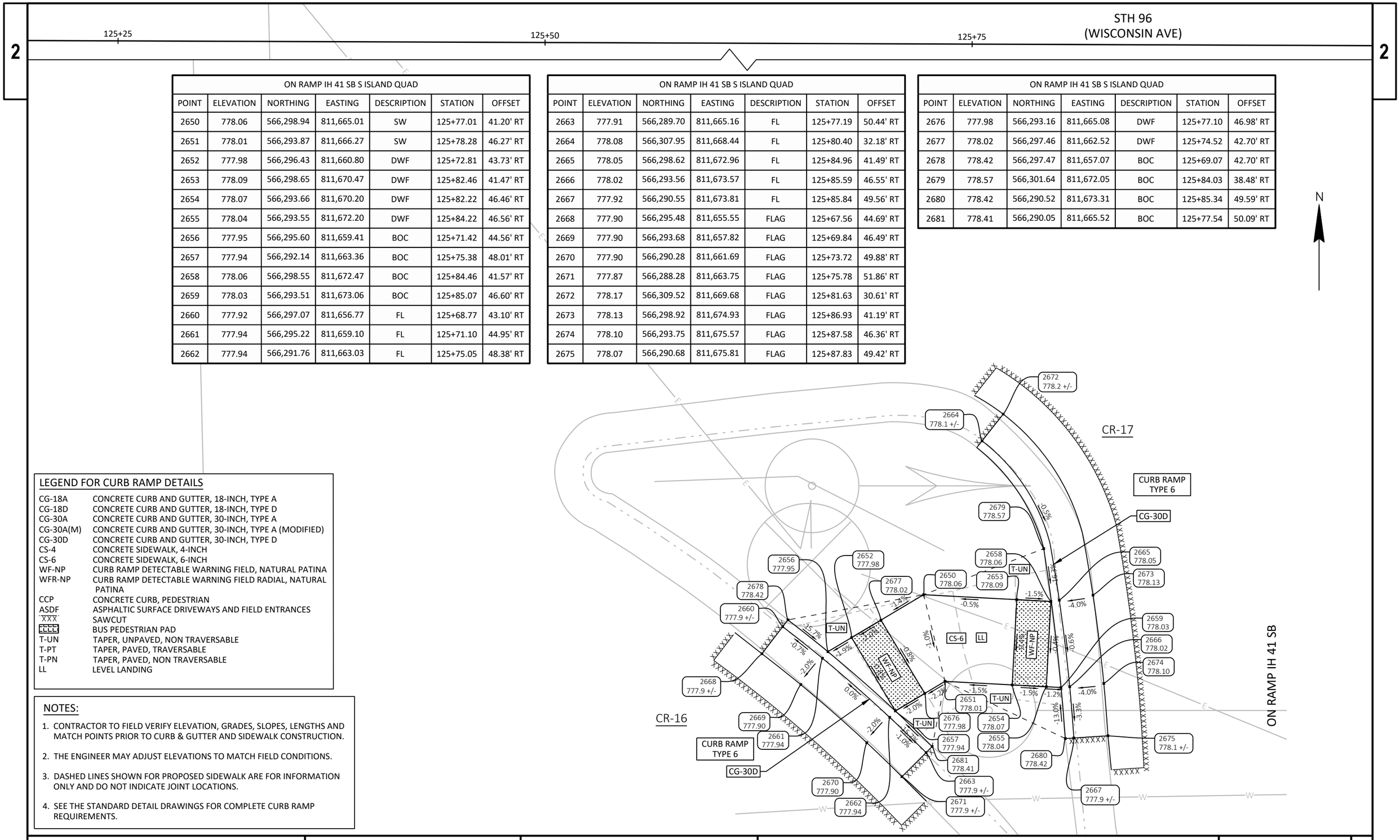
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.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

POST

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	778.01	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

ON RAMP IH 41 SB S ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2676	777.98	566,293.16	811,665.08	DWF	125+77.10	46.98' RT
2677	778.02	566,297.46	811,662.52	DWF	125+74.52	42.70' RT
2678	778.42	566,297.47	811,657.07	BOC	125+69.07	42.70' RT
2679	778.57	566,301.64	811,672.05	BOC	125+84.03	38.48' RT
2680	778.42	566,290.52	811,673.31	BOC	125+85.34	49.59' RT
2681	778.41	566,290.05	811,665.52	BOC	125+77.54	50.09' RT

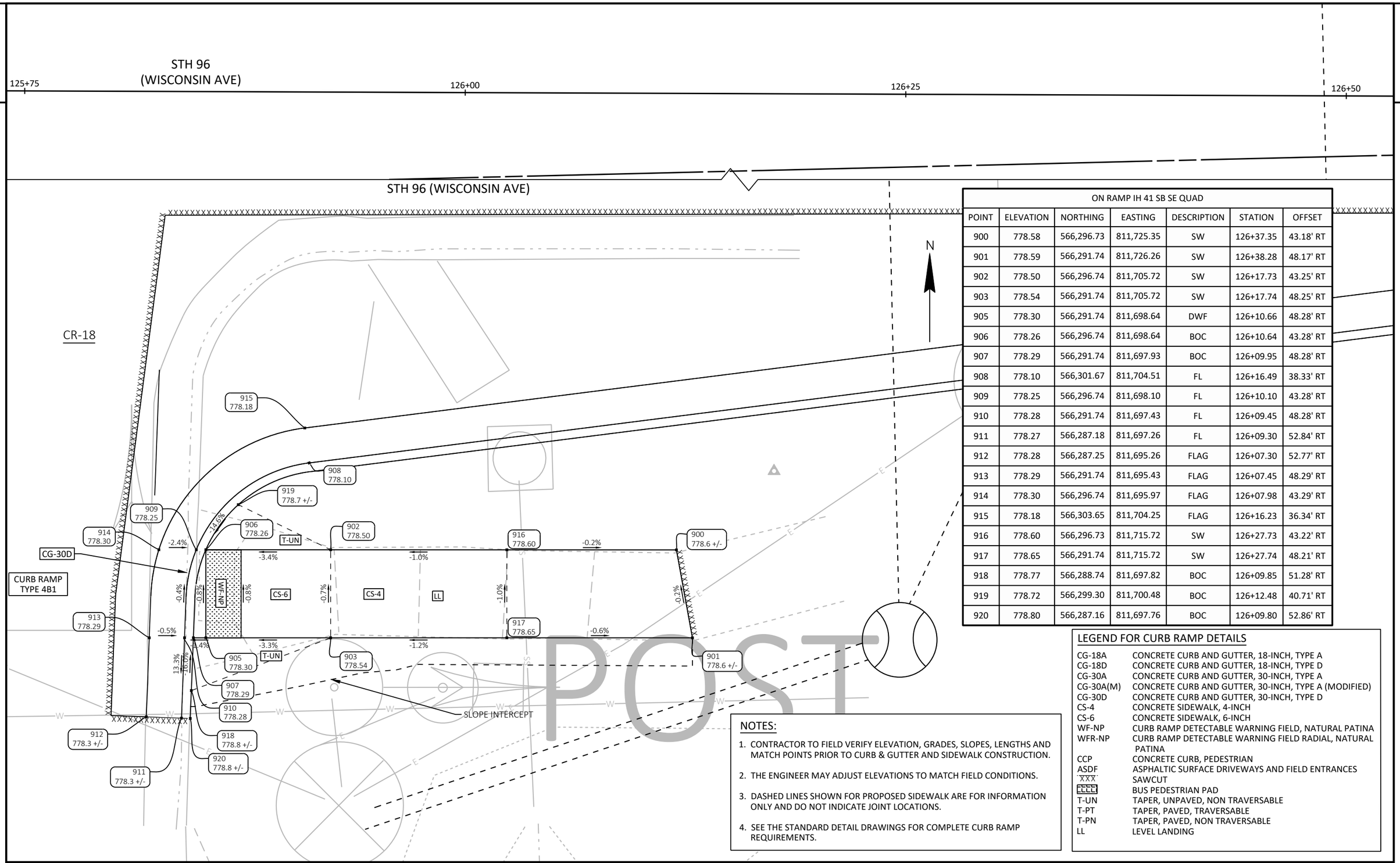


LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
`XXX`	SAWCUT
BPPP	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.



ON RAMP IH 41 SB SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
900	778.58	566,296.73	811,725.35	SW	126+37.35	43.18' RT
901	778.59	566,291.74	811,726.26	SW	126+38.28	48.17' RT
902	778.50	566,296.74	811,705.72	SW	126+17.73	43.25' RT
903	778.54	566,291.74	811,705.72	SW	126+17.74	48.25' RT
905	778.30	566,291.74	811,698.64	DWF	126+10.66	48.28' RT
906	778.26	566,296.74	811,698.64	BOC	126+10.64	43.28' RT
907	778.29	566,291.74	811,697.93	BOC	126+09.95	48.28' RT
908	778.10	566,301.67	811,704.51	FL	126+16.49	38.33' RT
909	778.25	566,296.74	811,698.10	FL	126+10.10	43.28' RT
910	778.28	566,291.74	811,697.43	FL	126+09.45	48.28' RT
911	778.27	566,287.18	811,697.26	FL	126+09.30	52.84' RT
912	778.28	566,287.25	811,695.26	FLAG	126+07.30	52.77' RT
913	778.29	566,291.74	811,695.43	FLAG	126+07.45	48.29' RT
914	778.30	566,296.74	811,695.97	FLAG	126+07.98	43.29' RT
915	778.18	566,303.65	811,704.25	FLAG	126+16.23	36.34' RT
916	778.60	566,296.73	811,715.72	SW	126+27.73	43.22' RT
917	778.65	566,291.74	811,715.72	SW	126+27.74	48.21' RT
918	778.77	566,288.74	811,697.82	BOC	126+09.85	51.28' RT
919	778.72	566,299.30	811,700.48	BOC	126+12.48	40.71' RT
920	778.80	566,287.16	811,697.76	BOC	126+09.80	52.86' RT

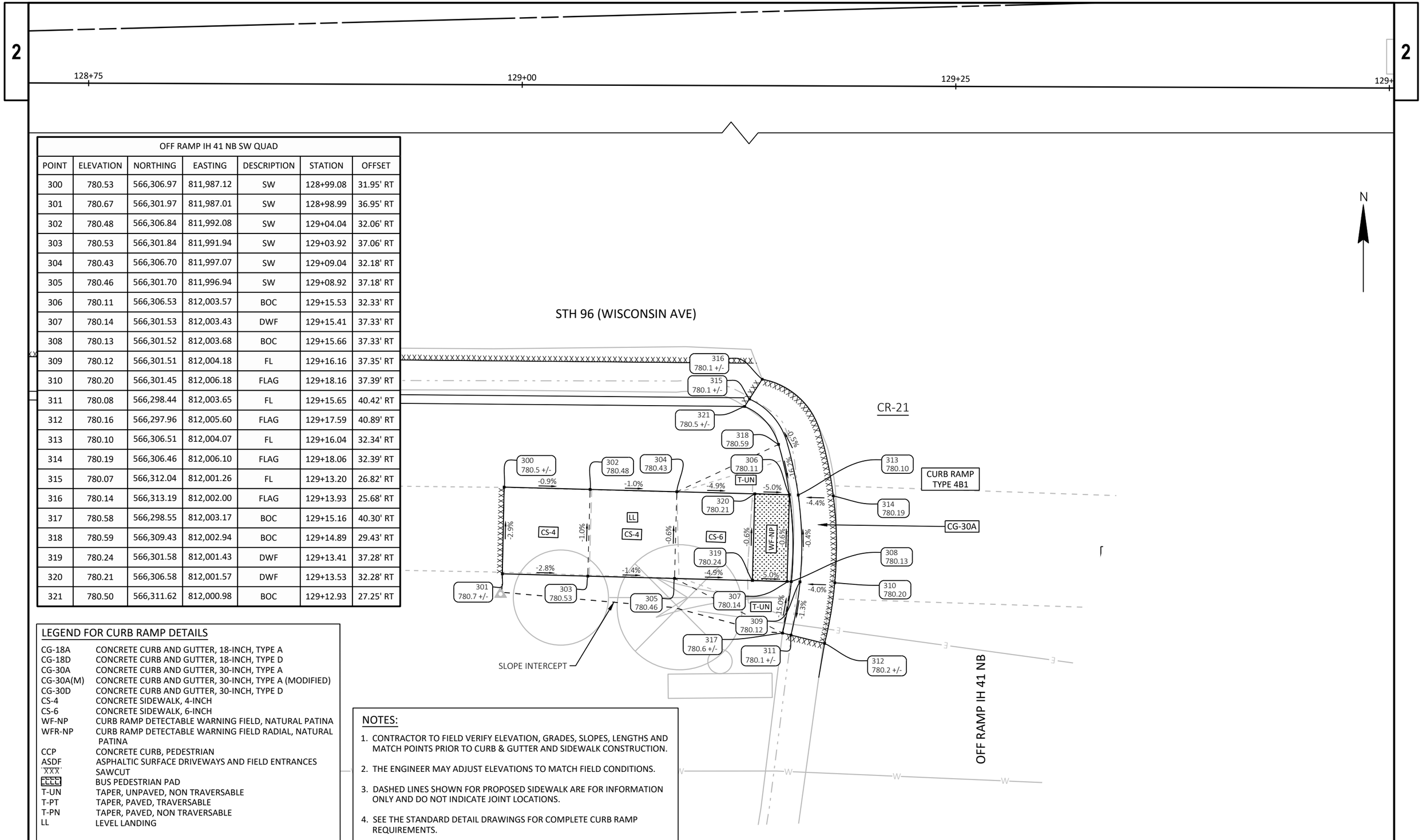
POST

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-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING



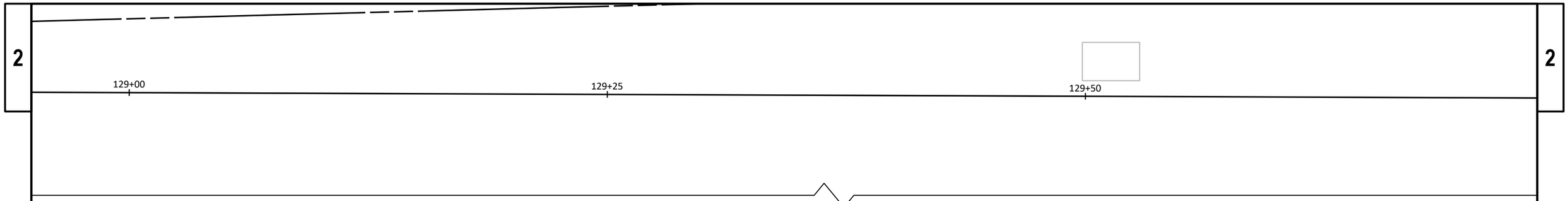
OFF RAMP IH 41 NB SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
300	780.53	566,306.97	811,987.12	SW	128+99.08	31.95' RT
301	780.67	566,301.97	811,987.01	SW	128+98.99	36.95' RT
302	780.48	566,306.84	811,992.08	SW	129+04.04	32.06' RT
303	780.53	566,301.84	811,991.94	SW	129+03.92	37.06' RT
304	780.43	566,306.70	811,997.07	SW	129+09.04	32.18' RT
305	780.46	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
317	780.58	566,298.55	812,003.17	BOC	129+15.16	40.30' RT
318	780.59	566,309.43	812,002.94	BOC	129+14.89	29.43' RT
319	780.24	566,301.58	812,001.43	DWF	129+13.41	37.28' RT
320	780.21	566,306.58	812,001.57	DWF	129+13.53	32.28' RT
321	780.50	566,311.62	812,000.98	BOC	129+12.93	27.25' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.



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	780.25	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
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

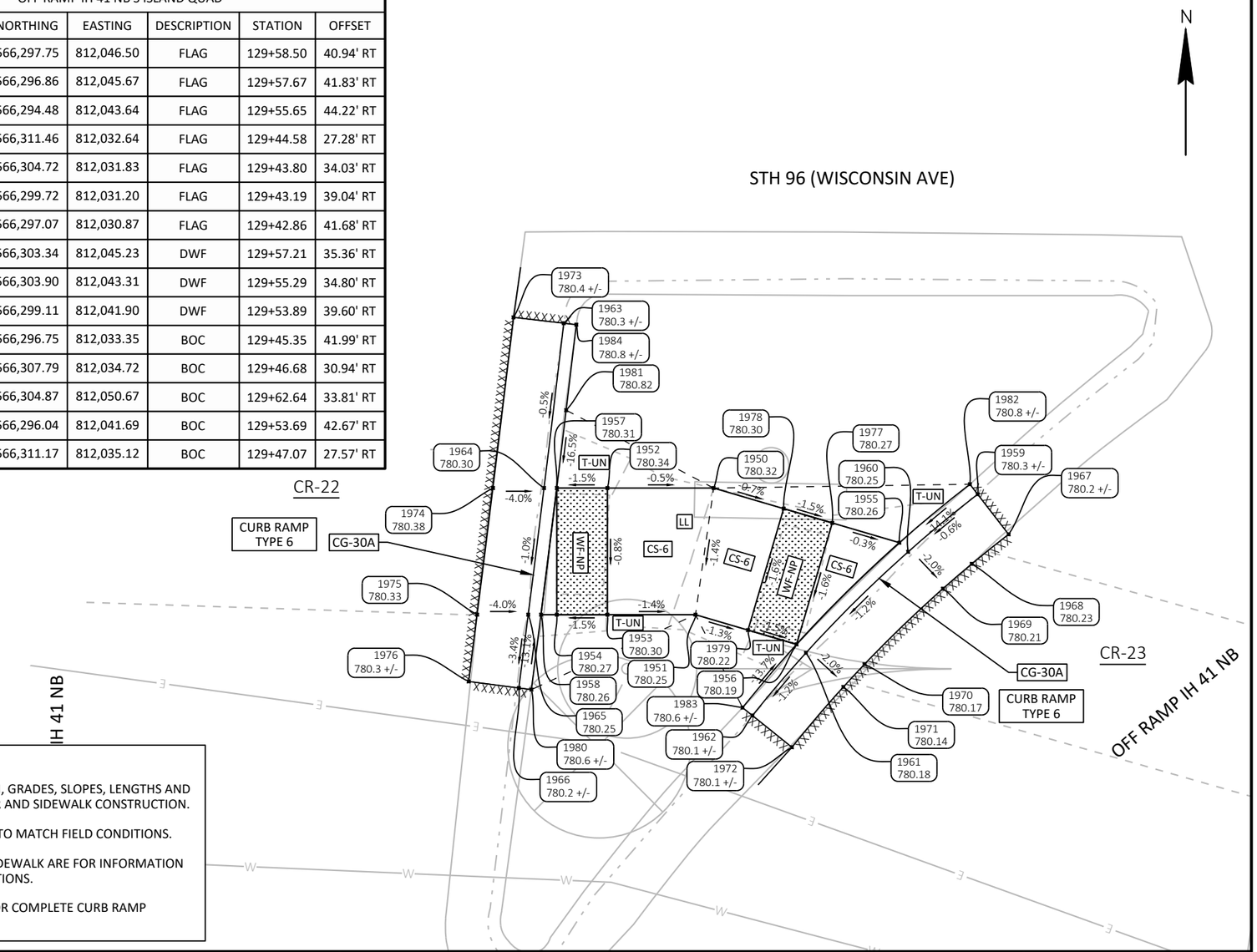
OFF RAMP IH 41 NB S ISLAND QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1970	780.17	566,297.75	812,046.50	FLAG	129+58.50	40.94' RT
1971	780.14	566,296.86	812,045.67	FLAG	129+57.67	41.83' RT
1972	780.08	566,294.48	812,043.64	FLAG	129+55.65	44.22' RT
1973	780.35	566,311.46	812,032.64	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
1978	780.30	566,303.90	812,043.31	DWF	129+55.29	34.80' RT
1979	780.22	566,299.11	812,041.90	DWF	129+53.89	39.60' RT
1980	780.65	566,296.75	812,033.35	BOC	129+45.35	41.99' RT
1981	780.82	566,307.79	812,034.72	BOC	129+46.68	30.94' RT
1982	780.77	566,304.87	812,050.67	BOC	129+62.64	33.81' RT
1983	780.64	566,296.04	812,041.69	BOC	129+53.69	42.67' RT
1984	780.80	566,311.17	812,035.12	BOC	129+47.07	27.57' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

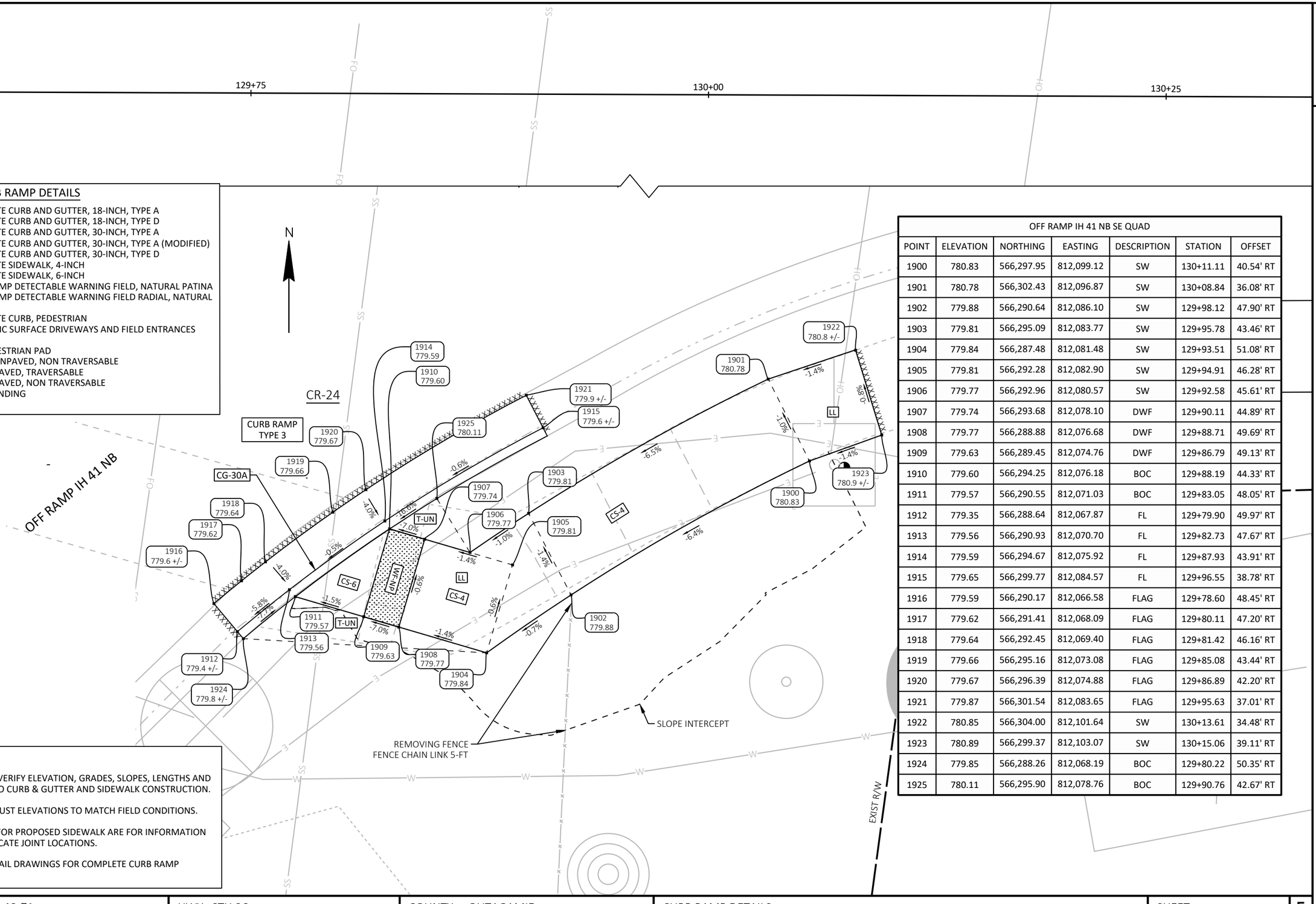


PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 70	E

2

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING



OFF RAMP IH 41 NB SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1900	780.83	566,297.95	812,099.12	SW	130+11.11	40.54' RT
1901	780.78	566,302.43	812,096.87	SW	130+08.84	36.08' RT
1902	779.88	566,290.64	812,086.10	SW	129+98.12	47.90' RT
1903	779.81	566,295.09	812,083.77	SW	129+95.78	43.46' RT
1904	779.84	566,287.48	812,081.48	SW	129+93.51	51.08' RT
1905	779.81	566,292.28	812,082.90	SW	129+94.91	46.28' RT
1906	779.77	566,292.96	812,080.57	SW	129+92.58	45.61' 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
1922	780.85	566,304.00	812,101.64	SW	130+13.61	34.48' RT
1923	780.89	566,299.37	812,103.07	SW	130+15.06	39.11' RT
1924	779.85	566,288.26	812,068.19	BOC	129+80.22	50.35' RT
1925	780.11	566,295.90	812,078.76	BOC	129+90.76	42.67' RT

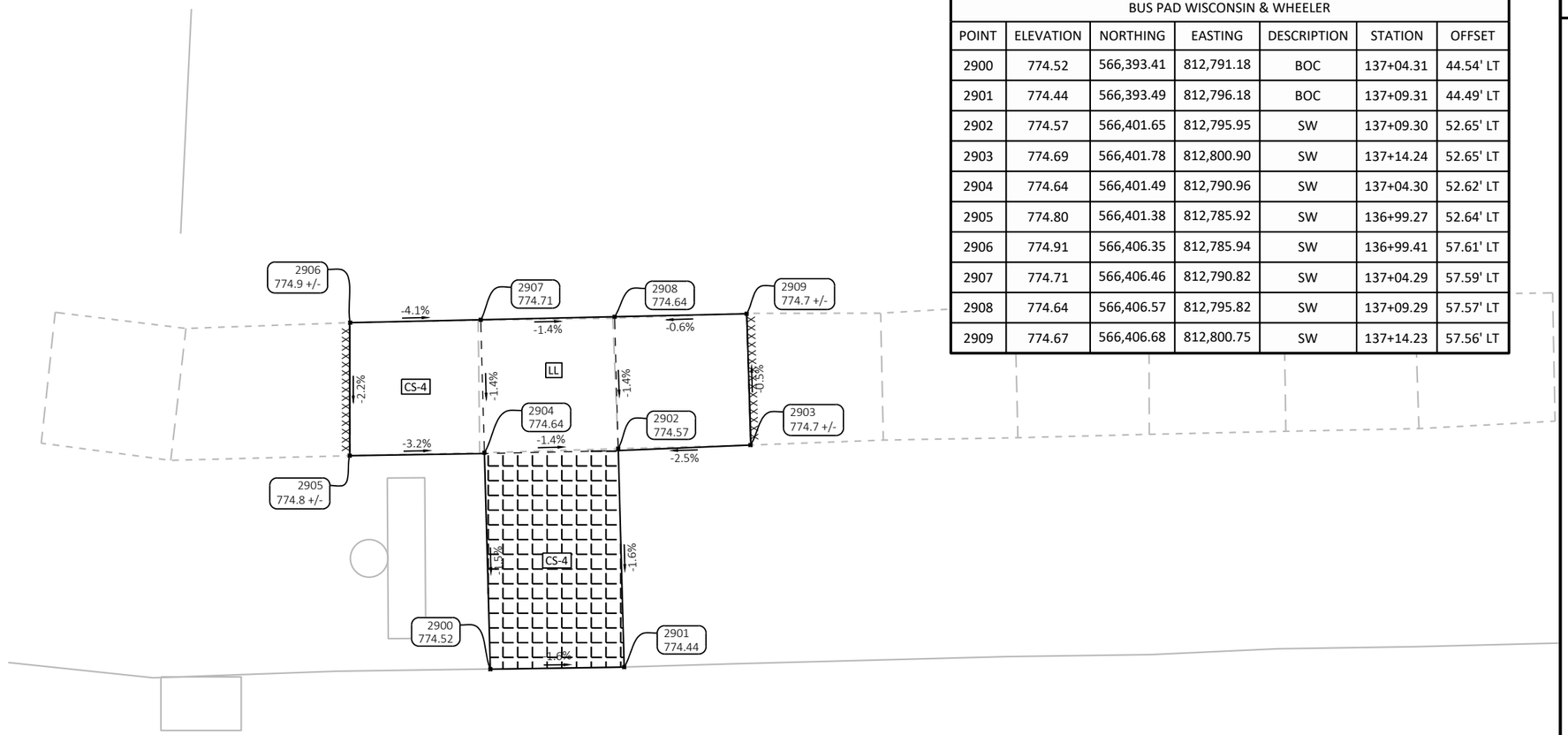
NOTES:

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.

2

N

BUS PAD WISCONSIN & WHEELER						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2900	774.52	566,393.41	812,791.18	BOC	137+04.31	44.54' LT
2901	774.44	566,393.49	812,796.18	BOC	137+09.31	44.49' LT
2902	774.57	566,401.65	812,795.95	SW	137+09.30	52.65' LT
2903	774.69	566,401.78	812,800.90	SW	137+14.24	52.65' LT
2904	774.64	566,401.49	812,790.96	SW	137+04.30	52.62' LT
2905	774.80	566,401.38	812,785.92	SW	136+99.27	52.64' LT
2906	774.91	566,406.35	812,785.94	SW	136+99.41	57.61' LT
2907	774.71	566,406.46	812,790.82	SW	137+04.29	57.59' LT
2908	774.64	566,406.57	812,795.82	SW	137+09.29	57.57' LT
2909	774.67	566,406.68	812,800.75	SW	137+14.23	57.56' LT

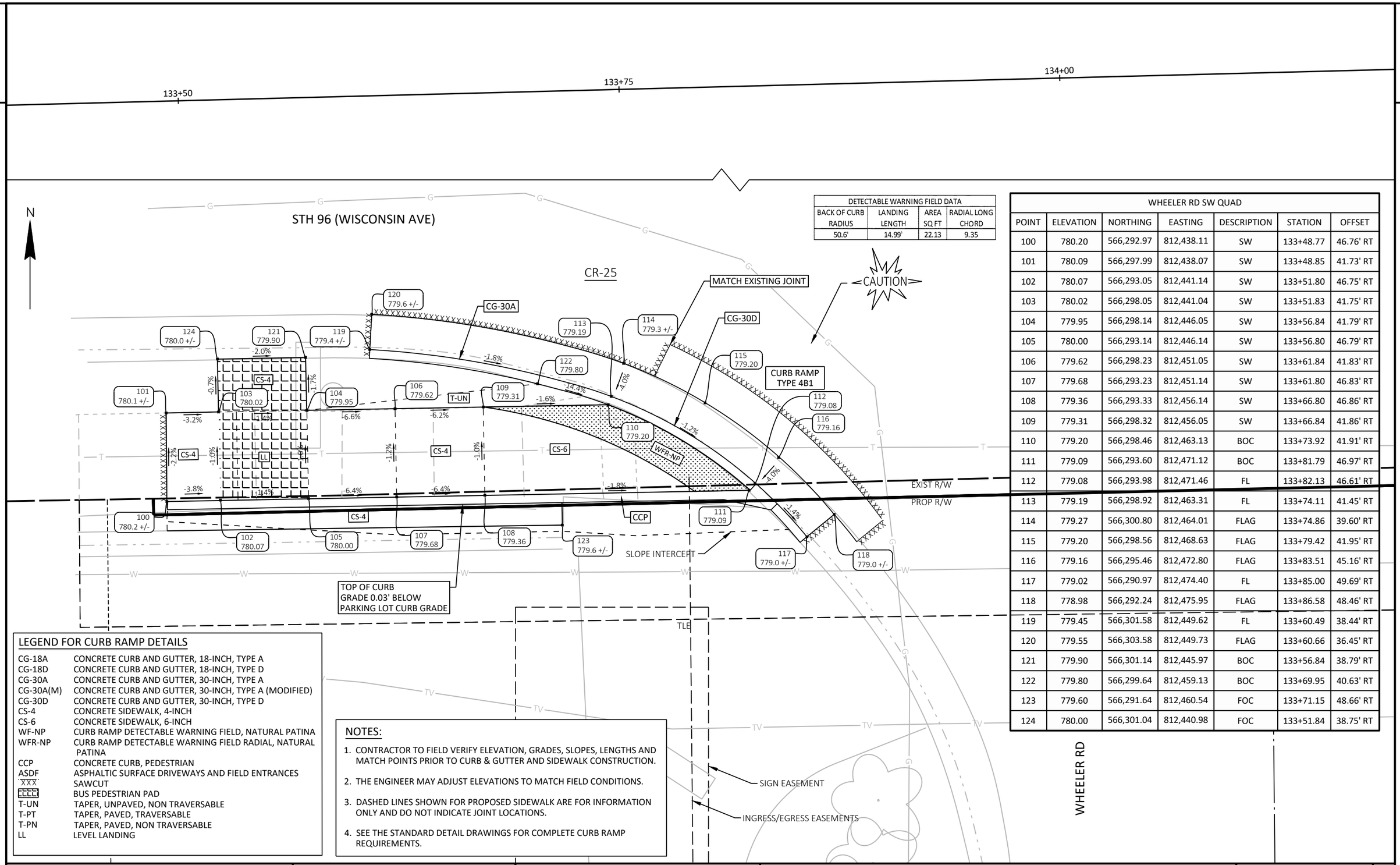


LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.



DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
50.6'	14.99'	22.13	9.35

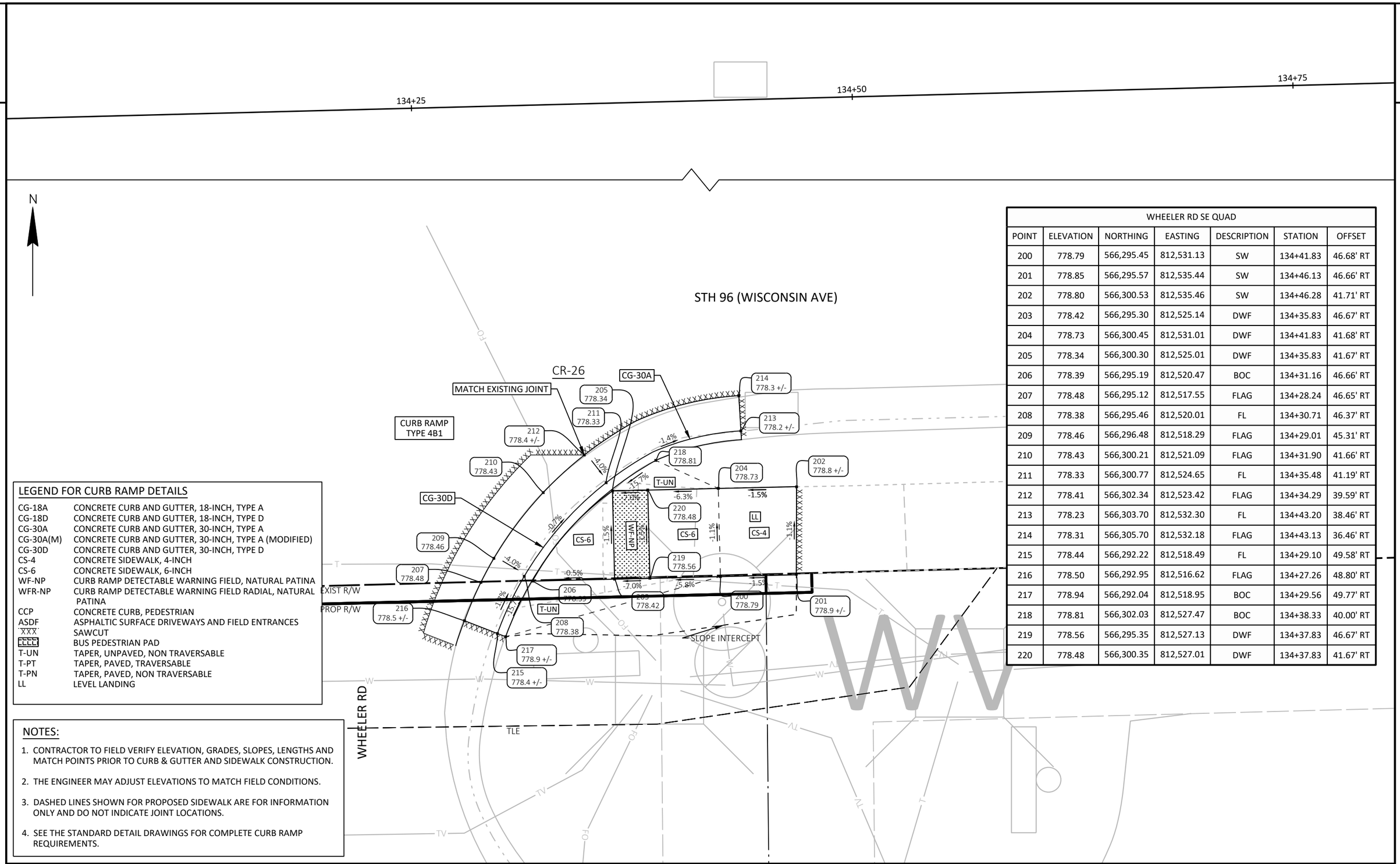
WHEELER RD SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
100	780.20	566,292.97	812,438.11	SW	133+48.77	46.76' RT
101	780.09	566,297.99	812,438.07	SW	133+48.85	41.73' RT
102	780.07	566,293.05	812,441.14	SW	133+51.80	46.75' RT
103	780.02	566,298.05	812,441.04	SW	133+51.83	41.75' RT
104	779.95	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
121	779.90	566,301.14	812,445.97	BOC	133+56.84	38.79' RT
122	779.80	566,299.64	812,459.13	BOC	133+69.95	40.63' RT
123	779.60	566,291.64	812,460.54	FOC	133+71.15	48.66' RT
124	780.00	566,301.04	812,440.98	FOC	133+51.84	38.75' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.



WHEELER RD SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
200	778.79	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	778.73	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	566,292.22	812,518.49	FL	134+29.10	49.58' RT
216	778.50	566,292.95	812,516.62	FLAG	134+27.26	48.80' RT
217	778.94	566,292.04	812,518.95	BOC	134+29.56	49.77' RT
218	778.81	566,302.03	812,527.47	BOC	134+38.33	40.00' RT
219	778.56	566,295.35	812,527.13	DWF	134+37.83	46.67' RT
220	778.48	566,300.35	812,527.01	DWF	134+37.83	41.67' RT

LEGEND FOR CURB RAMP DETAILS

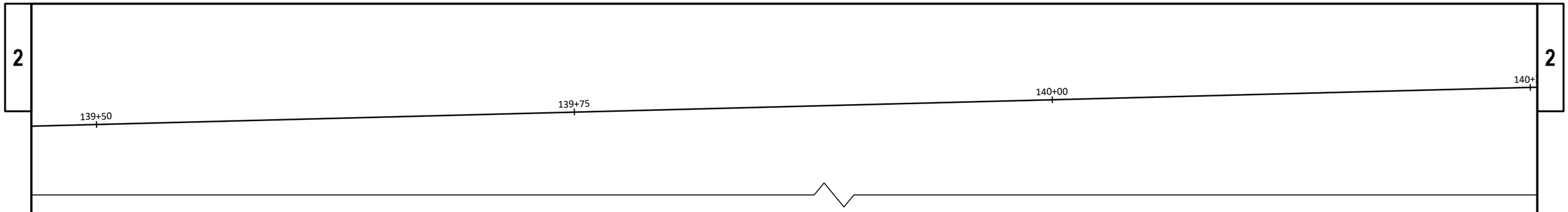
CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
´XXX´	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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 74	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021320-cr
PLOT DATE : 5/22/2025 1:56 PM
PLOT BY : CRAIG KNUTH
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



WESTHILL BLVD SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1850	771.10	566,307.02	813,078.76	SW	139+89.57	49.25' RT
1851	771.04	566,311.81	813,078.43	SW	139+89.36	44.45' RT
1852	770.33	566,307.08	813,088.22	SW	139+99.03	49.44' RT
1853	770.40	566,312.08	813,087.71	SW	139+98.65	44.43' RT
1854	770.25	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	770.33	566,313.11	813,092.71	SW	140+03.67	43.52' RT
1857	770.34	566,314.40	813,087.71	DWF	139+98.71	42.11' RT
1858	770.27	566,314.40	813,092.71	DWF	140+03.71	42.23' RT
1859	770.14	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
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

WESTHILL BLVD SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1868	770.07	566,314.91	813,099.30	FL	140+10.31	41.90' RT
1869	769.88	566,310.95	813,106.90	FL	140+17.81	46.05' RT
1870	769.87	566,310.52	813,107.55	FL	140+18.44	46.50' 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	770.02	566,312.63	813,108.00	FLAG	140+18.94	44.40' RT
1880	770.01	566,312.07	813,108.83	FLAG	140+19.76	44.98' RT
1881	770.81	566,317.56	813,082.72	BOC	139+93.80	38.81' RT
1882	771.11	566,311.67	813,073.43	MATCH	139+84.36	44.47' RT
1883	771.17	566,306.99	813,073.82	MATCH	139+84.62	49.16' RT

DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
94.9'	9.92'	16.5	7.97'

N

STH 96 (WISCONSIN AVE)

CR-27

CR-28

WESTHILL BLVD

* MAXIMUM EXTENT FEASIBLE

CURB RAMP TYPE 3

CURB RAMP TYPE 4B1

0.5' OF 2" CURB HEAD

CG-30D

WF-NP

WFR-NP

T-UN

T-PN

CS-4

CS-6

LL

CCP

SLOPE INTERCEPT

1850 771.10
1851 771.04
1852 770.33
1853 770.40
1854 770.25
1855 770.06
1856 770.33
1857 770.34
1858 770.27
1859 770.14
1860 770.29
1861 770.28
1862 770.22
1863 770.08
1864 769.90
1865 770.3 +/-
1866 770.27
1867 770.21
1868 770.07
1869 769.88
1870 769.9 +/-
1871 770.36
1872 770.4 +/-
1873 770.35
1874 770.30
1875 770.29
1876 770.28
1877 770.21
1878 770.14
1879 770.02
1880 770.0 +/-
1881 770.8 +/-
1882 771.1 +/-
1883 771.2 +/-

LEGEND FOR CURB RAMP DETAILS

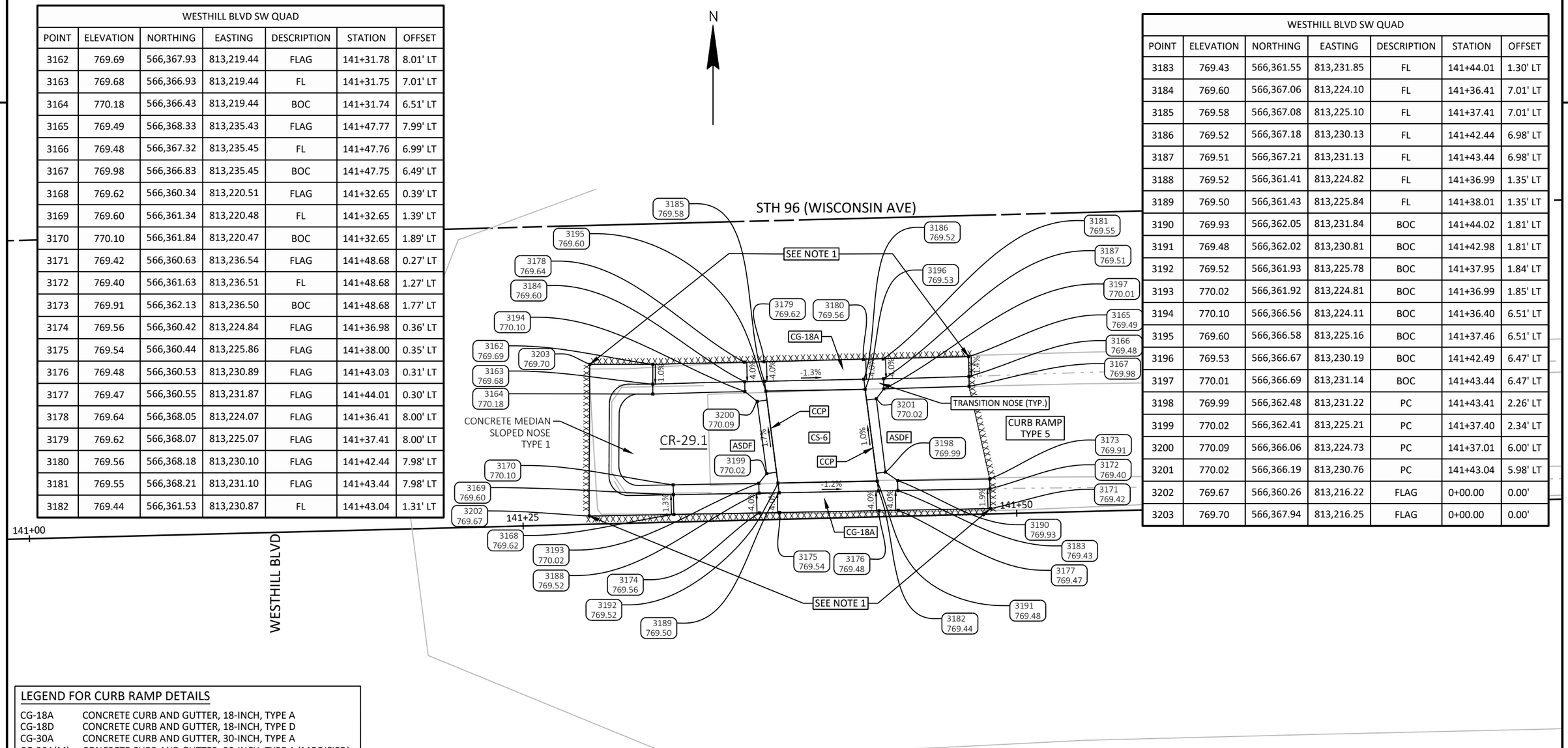
CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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 75	E

WESTHILL BLVD SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
3162	769.69	566,367.93	813,219.44	FLAG	141+31.78	8.01' LT
3163	769.68	566,366.93	813,219.44	FL	141+31.75	7.01' LT
3164	770.18	566,366.43	813,219.44	BOC	141+31.74	6.51' LT
3165	769.49	566,368.33	813,235.43	FLAG	141+47.77	7.99' LT
3166	769.48	566,367.32	813,235.45	FL	141+47.76	6.99' LT
3167	769.98	566,366.83	813,235.45	BOC	141+47.75	6.49' LT
3168	769.62	566,360.34	813,220.51	FLAG	141+32.65	0.39' LT
3169	769.60	566,361.34	813,220.48	FL	141+32.65	1.39' LT
3170	770.10	566,361.84	813,220.47	BOC	141+32.65	1.89' LT
3171	769.42	566,360.63	813,236.54	FLAG	141+48.68	0.27' LT
3172	769.40	566,361.63	813,236.51	FL	141+48.68	1.27' LT
3173	769.91	566,362.13	813,236.50	BOC	141+48.68	1.77' LT
3174	769.56	566,360.42	813,224.84	FLAG	141+36.98	0.36' LT
3175	769.54	566,360.44	813,225.86	FLAG	141+38.00	0.35' LT
3176	769.48	566,360.53	813,230.89	FLAG	141+43.03	0.31' LT
3177	769.47	566,360.55	813,231.87	FLAG	141+44.01	0.30' LT
3178	769.64	566,368.05	813,224.07	FLAG	141+36.41	8.00' LT
3179	769.62	566,368.07	813,225.07	FLAG	141+37.41	8.00' LT
3180	769.56	566,368.18	813,230.10	FLAG	141+42.44	7.98' LT
3181	769.55	566,368.21	813,231.10	FLAG	141+43.44	7.98' LT
3182	769.44	566,361.53	813,230.87	FL	141+43.04	1.31' LT



WESTHILL BLVD SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
3183	769.43	566,361.55	813,231.85	FL	141+44.01	1.30' LT
3184	769.60	566,367.06	813,224.10	FL	141+36.41	7.01' LT
3185	769.58	566,367.08	813,225.10	FL	141+37.41	7.01' LT
3186	769.52	566,367.18	813,230.13	FL	141+42.44	6.98' LT
3187	769.51	566,367.21	813,231.13	FL	141+43.44	6.98' LT
3188	769.52	566,361.41	813,224.82	FL	141+36.99	1.35' LT
3189	769.50	566,361.43	813,225.84	FL	141+38.01	1.35' LT
3190	769.93	566,362.05	813,231.84	BOC	141+44.02	1.81' LT
3191	769.48	566,362.02	813,230.81	BOC	141+42.98	1.81' LT
3192	769.52	566,361.93	813,225.78	BOC	141+37.95	1.84' LT
3193	770.02	566,361.92	813,224.81	BOC	141+36.99	1.85' LT
3194	770.10	566,366.56	813,224.11	BOC	141+36.40	6.51' LT
3195	769.60	566,366.58	813,225.16	BOC	141+37.46	6.51' LT
3196	769.53	566,366.67	813,230.19	BOC	141+42.49	6.47' LT
3197	770.01	566,366.69	813,231.14	BOC	141+43.44	6.47' LT
3198	769.99	566,362.48	813,231.22	PC	141+43.41	2.26' LT
3199	770.02	566,362.41	813,225.21	PC	141+37.40	2.34' LT
3200	770.09	566,366.06	813,224.73	PC	141+37.01	6.00' LT
3201	770.02	566,366.19	813,230.76	PC	141+43.04	5.98' LT
3202	769.67	566,360.26	813,216.22	FLAG	0+00.00	0.00'
3203	769.70	566,367.94	813,216.25	FLAG	0+00.00	0.00'

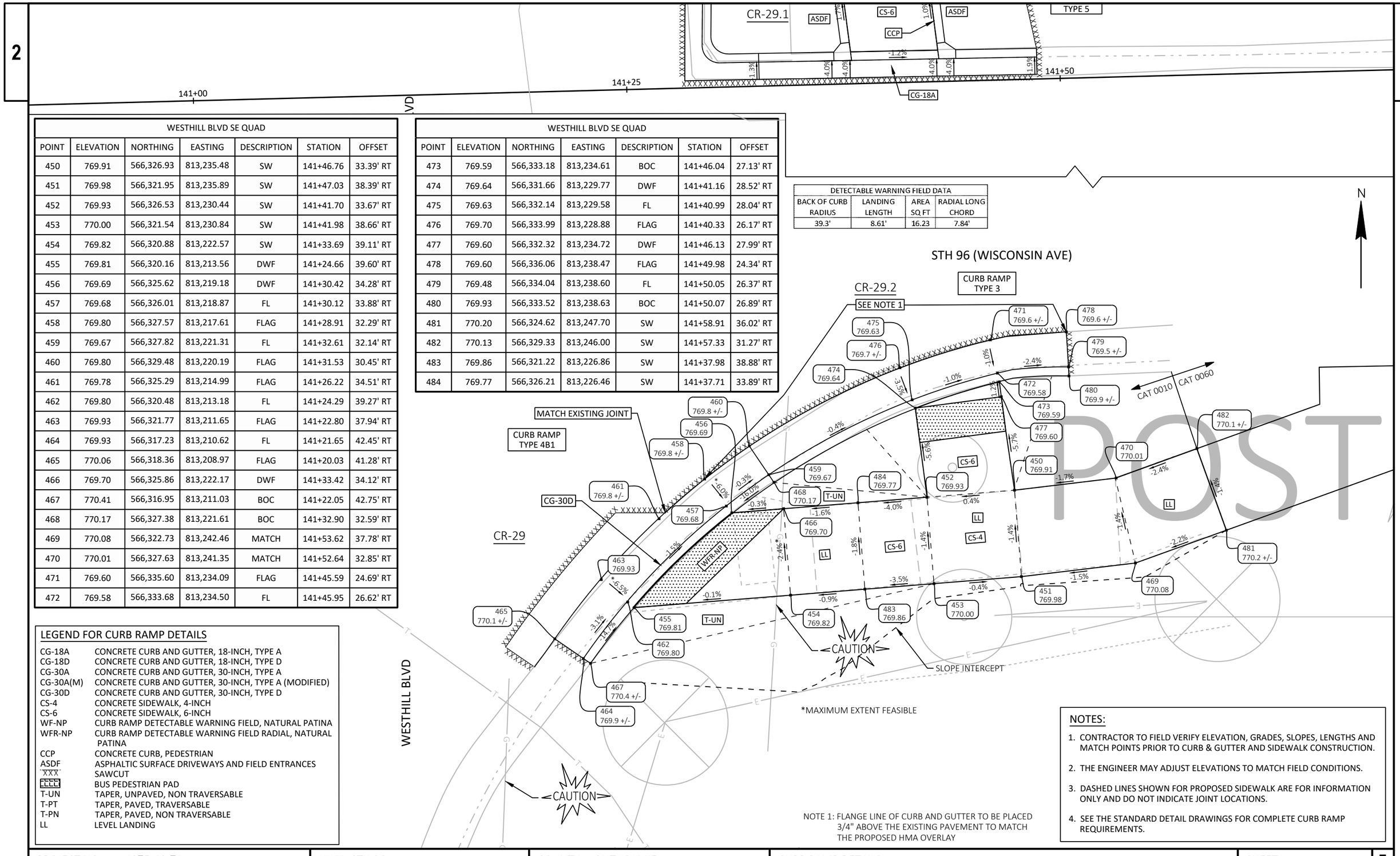
LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
'XXX'	SAWCUT
LLLL	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

NOTE 1: FLANGE LINE OF CURB AND GUTTER TO BE PLACED 3/4" ABOVE THE EXISTING PAVEMENT TO MATCH THE PROPOSED HMA OVERLAY

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.



WESTHILL BLVD SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
450	769.91	566,326.93	813,235.48	SW	141+46.76	33.39' RT
451	769.98	566,321.95	813,235.89	SW	141+47.03	38.39' RT
452	769.93	566,326.53	813,230.44	SW	141+41.70	33.67' RT
453	770.00	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	769.81	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	769.80	566,327.57	813,217.61	FLAG	141+28.91	32.29' RT
459	769.67	566,327.82	813,221.31	FL	141+32.61	32.14' RT
460	769.80	566,329.48	813,220.19	FLAG	141+31.53	30.45' RT
461	769.78	566,325.29	813,214.99	FLAG	141+26.22	34.51' RT
462	769.80	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	769.70	566,325.86	813,222.17	DWF	141+33.42	34.12' RT
467	770.41	566,316.95	813,211.03	BOC	141+22.05	42.75' RT
468	770.17	566,327.38	813,221.61	BOC	141+32.90	32.59' RT
469	770.08	566,322.73	813,242.46	MATCH	141+53.62	37.78' RT
470	770.01	566,327.63	813,241.35	MATCH	141+52.64	32.85' RT
471	769.60	566,335.60	813,234.09	FLAG	141+45.59	24.69' RT
472	769.58	566,333.68	813,234.50	FL	141+45.95	26.62' RT

WESTHILL BLVD SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
473	769.59	566,333.18	813,234.61	BOC	141+46.04	27.13' RT
474	769.64	566,331.66	813,229.77	DWF	141+41.16	28.52' RT
475	769.63	566,332.14	813,229.58	FL	141+40.99	28.04' RT
476	769.70	566,333.99	813,228.88	FLAG	141+40.33	26.17' RT
477	769.60	566,332.32	813,234.72	DWF	141+46.13	27.99' RT
478	769.60	566,336.06	813,238.47	FLAG	141+49.98	24.34' RT
479	769.48	566,334.04	813,238.60	FL	141+50.05	26.37' RT
480	769.93	566,333.52	813,238.63	BOC	141+50.07	26.89' RT
481	770.20	566,324.62	813,247.70	SW	141+58.91	36.02' RT
482	770.13	566,329.33	813,246.00	SW	141+57.33	31.27' RT
483	769.86	566,321.22	813,226.86	SW	141+37.98	38.88' RT
484	769.77	566,326.21	813,226.46	SW	141+37.71	33.89' RT

DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
39.3'	8.61'	16.23	7.84'

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
¨XXX¨	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

*MAXIMUM EXTENT FEASIBLE

NOTE 1: FLANGE LINE OF CURB AND GUTTER TO BE PLACED 3/4" ABOVE THE EXISTING PAVEMENT TO MATCH THE PROPOSED HMA OVERLAY

NOTES:

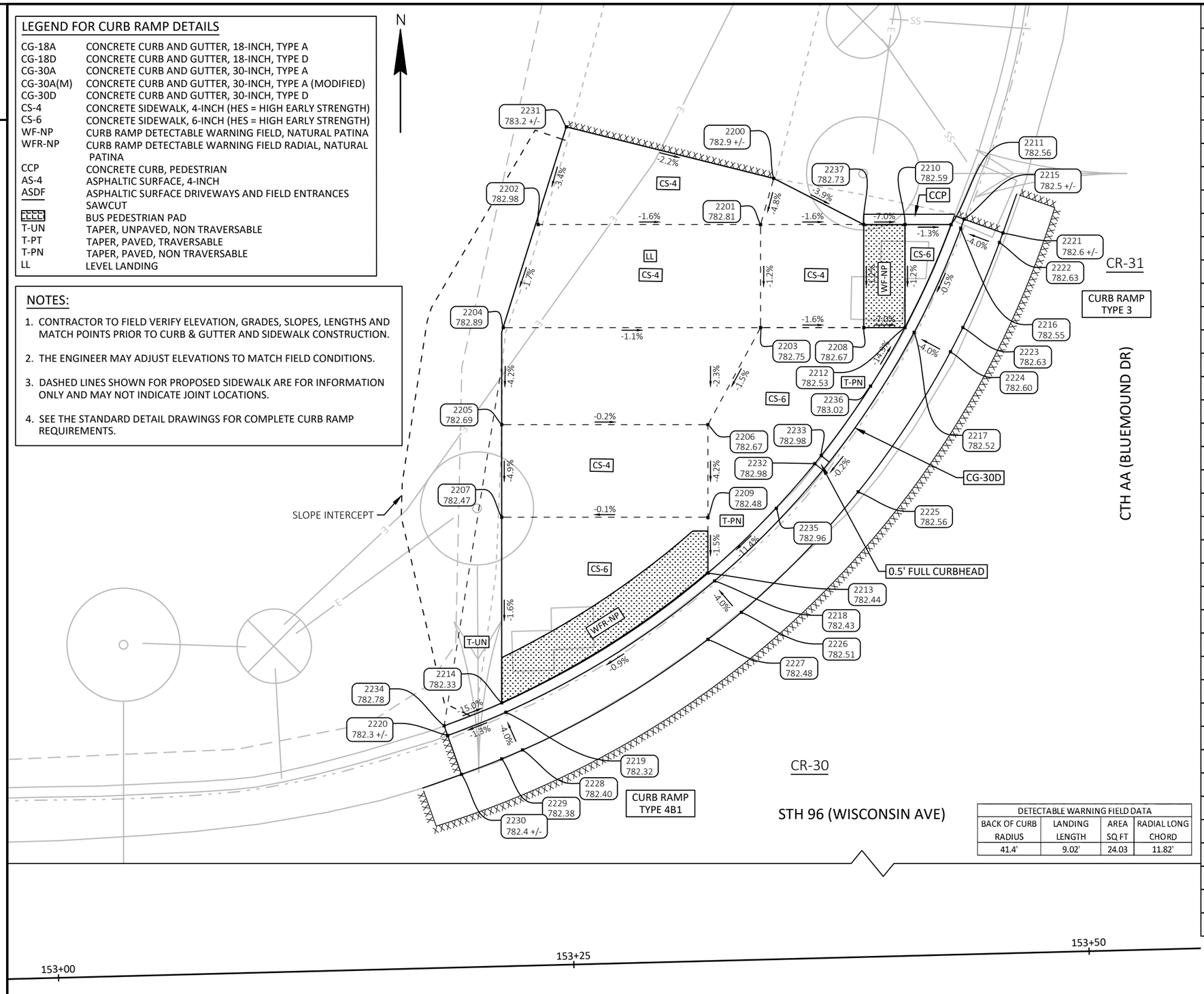
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.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

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH (HES = HIGH EARLY STRENGTH)
CS-6	CONCRETE SIDEWALK, 6-INCH (HES = HIGH EARLY STRENGTH)
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
AS-4	ASPHALTIC SURFACE, 4-INCH
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

NOTES:

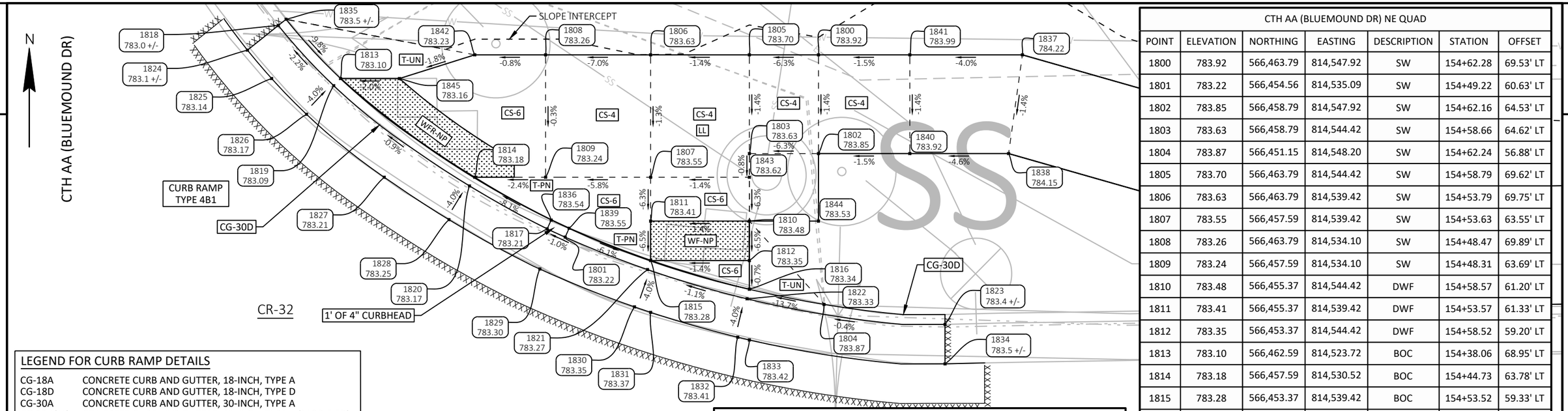
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND MAY NOT INDICATE JOINT LOCATIONS.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



DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
41.4'	9.02'	24.03	11.82'

CTH AA (BLUEMOUND DR) NW QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2200	782.92	566,464.83	814,422.75	SW	153+37.18	73.80' LT
2201	782.81	566,462.59	814,422.12	SW	153+36.49	71.58' LT
2202	782.98	566,462.59	814,411.33	SW	153+25.71	71.86' LT
2203	782.75	566,457.59	814,422.12	SW	153+36.36	66.58' LT
2204	782.89	566,457.59	814,409.63	SW	153+23.89	66.90' LT
2205	782.69	566,452.89	814,409.56	SW	153+23.69	62.20' LT
2206	782.67	566,452.89	814,419.56	SW	153+33.69	61.94' LT
2207	782.47	566,448.39	814,409.56	SW	153+23.57	57.71' LT
2208	782.67	566,457.59	814,427.12	DWF	153+41.36	66.45' LT
2209	782.48	566,448.38	814,419.56	DWF	153+33.57	57.44' LT
2210	782.59	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
2230	782.37	566,435.92	814,407.61	FLAG	153+21.30	45.29' LT
2231	783.15	566,467.34	814,412.69	SW	153+27.19	76.56' LT
2232	782.98	566,450.99	814,424.74	BOC	153+38.82	59.91' LT
2233	782.98	566,451.38	814,425.05	BOC	153+39.14	60.30' LT
2234	782.78	566,438.27	814,406.77	BOC	153+20.52	47.66' LT
2235	782.96	566,448.83	814,422.87	BOC	153+36.90	57.80' LT
2236	783.02	566,454.75	814,427.45	BOC	153+41.62	63.60' LT
2237	782.73	566,462.59	814,427.12	DWF	153+41.49	71.45' LT



LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
46.5'	10.38'	15.77	8.44'

CTH AA (BLUEMOUND DR) NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
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	783.50	566,465.59	814,520.96	SW	154+35.38	72.02' LT
1836	783.54	566,455.42	814,534.39	SW	154+48.54	61.51' LT
1837	784.22	566,463.79	814,558.24	SW	154+72.61	69.26' LT
1838	784.15	566,458.79	814,557.54	SW	154+71.78	64.28' LT
1839	783.55	566,455.01	814,535.30	BOC	154+49.44	61.07' LT
1840	783.92	566,458.79	814,552.54	SW	154+66.78	64.41' LT
1841	783.99	566,463.79	814,552.54	SW	154+66.91	69.41' LT
1842	783.23	566,463.79	814,530.52	SW	154+44.89	69.98' LT
1843	783.62	566,457.59	814,544.42	SW	154+58.63	63.42' LT
1844	783.53	566,455.37	814,547.92	SW	154+62.07	61.11' LT
1845	783.16	566,462.59	814,526.70	DWF	154+41.05	68.88' LT

CTH AA (BLUEMOUND DR) NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1800	783.92	566,463.79	814,547.92	SW	154+62.28	69.53' LT
1801	783.22	566,454.56	814,535.09	SW	154+49.22	60.63' LT
1802	783.85	566,458.79	814,547.92	SW	154+62.16	64.53' LT
1803	783.63	566,458.79	814,544.42	SW	154+58.66	64.62' LT
1804	783.87	566,451.15	814,548.20	SW	154+62.24	56.88' LT
1805	783.70	566,463.79	814,544.42	SW	154+58.79	69.62' LT
1806	783.63	566,463.79	814,539.42	SW	154+53.79	69.75' LT
1807	783.55	566,457.59	814,539.42	SW	154+53.63	63.55' LT
1808	783.26	566,463.79	814,534.10	SW	154+48.47	69.89' LT
1809	783.24	566,457.59	814,534.10	SW	154+48.31	63.69' LT
1810	783.48	566,455.37	814,544.42	DWF	154+58.57	61.20' LT
1811	783.41	566,455.37	814,539.42	DWF	154+53.57	61.33' LT
1812	783.35	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	783.21	566,454.98	814,534.18	BOC	154+48.33	61.07' 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
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

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 79	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021324-cr
PLOT DATE : 5/22/2025 1:57 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

153+00 153+25 153+50

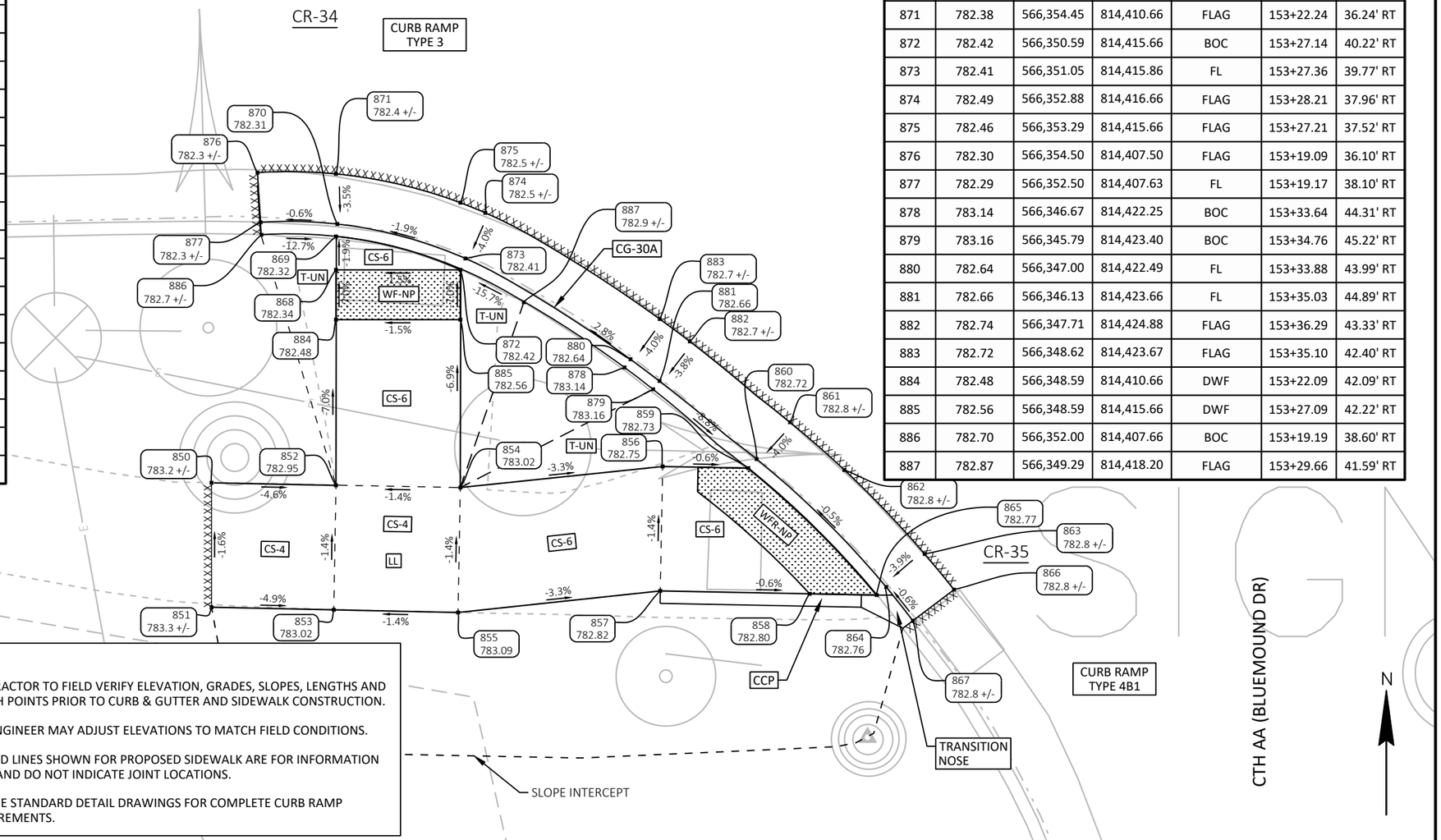
CTH AA (BLUEMOUND DR) SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
850	783.18	566,342.04	814,405.66	SW	153+16.93	48.51' RT
851	783.26	566,337.04	814,405.66	SW	153+16.80	53.51' RT
852	782.95	566,341.93	814,410.66	SW	153+21.92	48.75' RT
853	783.02	566,336.93	814,410.57	SW	153+21.71	53.74' RT
854	783.02	566,341.85	814,415.65	SW	153+26.92	48.96' RT
855	783.09	566,336.83	814,415.56	SW	153+26.69	53.98' RT
856	782.75	566,342.69	814,423.79	DWF	153+35.07	48.33' RT
857	782.82	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
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

DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
39.32'	8.69'	24.99	7.25'

STH 96 (WISCONSIN AVE)

CR-34

CURB RAMP TYPE 3



CTH AA (BLUEMOUND DR) SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
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
878	783.14	566,346.67	814,422.25	BOC	153+33.64	44.31' RT
879	783.16	566,345.79	814,423.40	BOC	153+34.76	45.22' RT
880	782.64	566,347.00	814,422.49	FL	153+33.88	43.99' RT
881	782.66	566,346.13	814,423.66	FL	153+35.03	44.89' RT
882	782.74	566,347.71	814,424.88	FLAG	153+36.29	43.33' RT
883	782.72	566,348.62	814,423.67	FLAG	153+35.10	42.40' RT
884	782.48	566,348.59	814,410.66	DWF	153+22.09	42.09' RT
885	782.56	566,348.59	814,415.66	DWF	153+27.09	42.22' RT
886	782.70	566,352.00	814,407.66	BOC	153+19.19	38.60' RT
887	782.87	566,349.29	814,418.20	FLAG	153+29.66	41.59' RT

LEGEND FOR CURB RAMP DETAILS

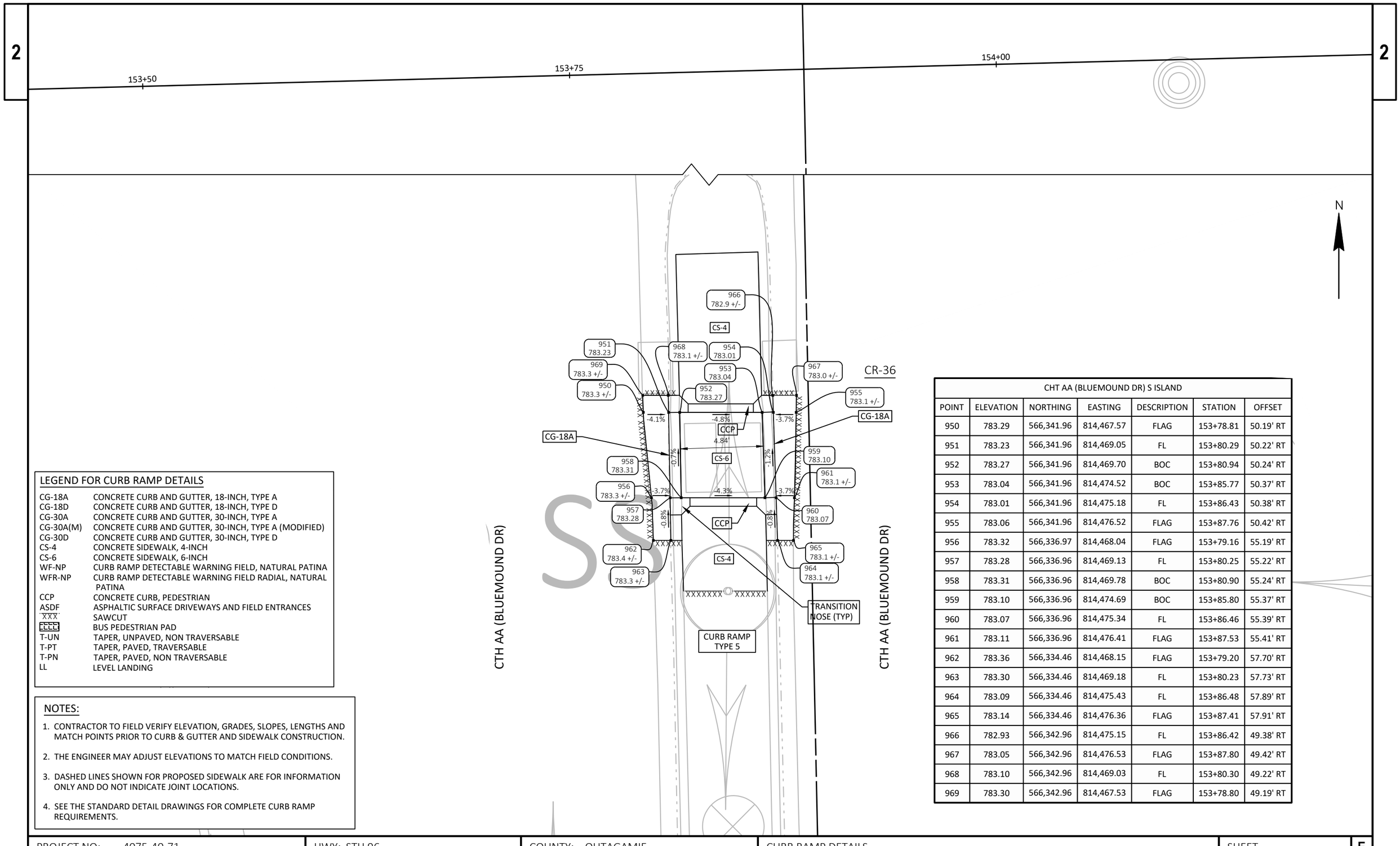
CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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 80	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021326-cr
PLOT DATE : 5/22/2025 1:57 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

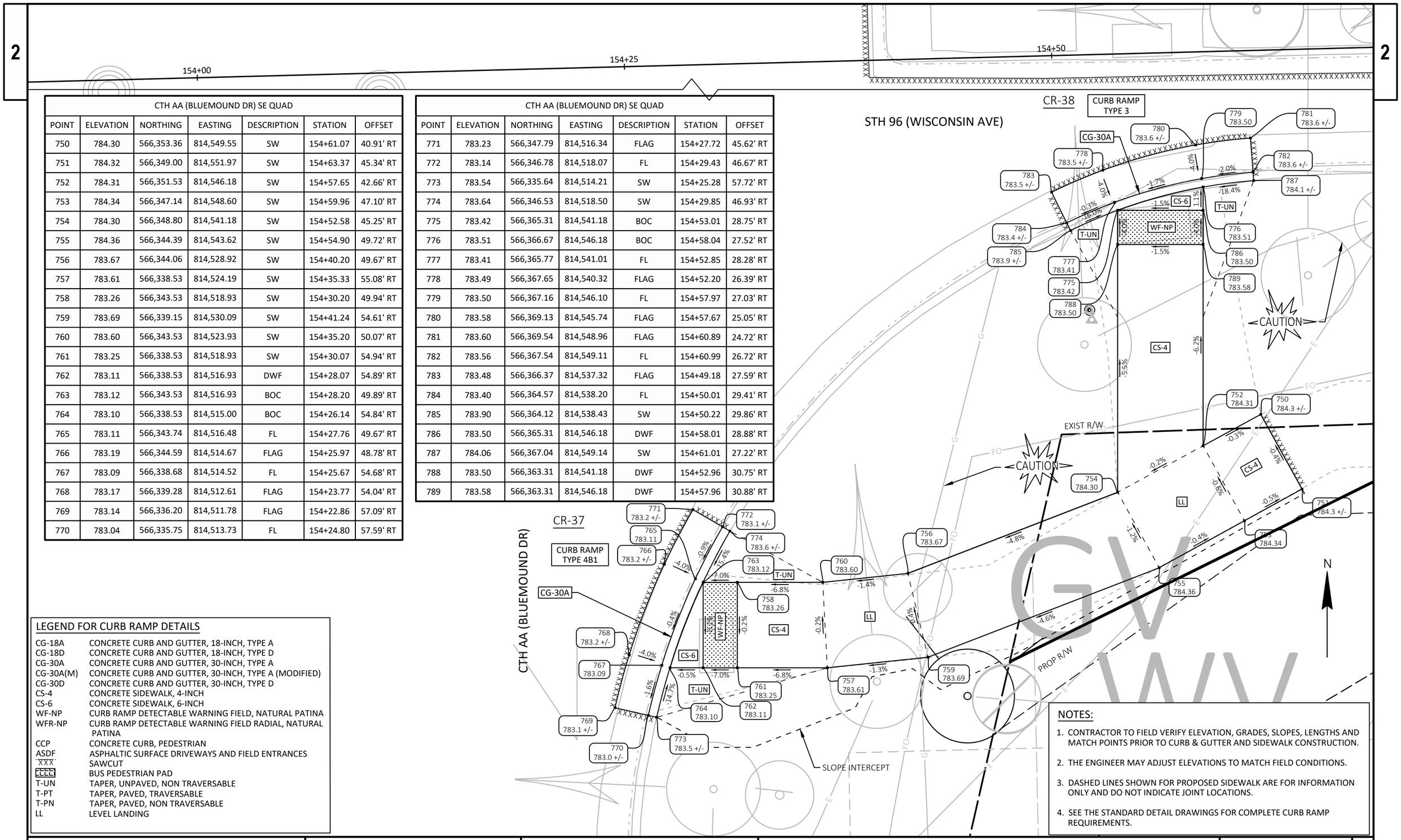
CHT AA (BLUEMOUND DR) S ISLAND						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
950	783.29	566,341.96	814,467.57	FLAG	153+78.81	50.19' RT
951	783.23	566,341.96	814,469.05	FL	153+80.29	50.22' RT
952	783.27	566,341.96	814,469.70	BOC	153+80.94	50.24' RT
953	783.04	566,341.96	814,474.52	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

SS

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 81	E

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	784.31	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	783.67	566,344.06	814,528.92	SW	154+40.20	49.67' RT
757	783.61	566,338.53	814,524.19	SW	154+35.33	55.08' RT
758	783.26	566,343.53	814,518.93	SW	154+30.20	49.94' RT
759	783.69	566,339.15	814,530.09	SW	154+41.24	54.61' RT
760	783.60	566,343.53	814,523.93	SW	154+35.20	50.07' RT
761	783.25	566,338.53	814,518.93	SW	154+30.07	54.94' RT
762	783.11	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
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

CTH AA (BLUEMOUND DR) SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
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	783.54	566,335.64	814,514.21	SW	154+25.28	57.72' RT
774	783.64	566,346.53	814,518.50	SW	154+29.85	46.93' 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	783.90	566,364.12	814,538.43	SW	154+50.22	29.86' RT
786	783.50	566,365.31	814,546.18	DWF	154+58.01	28.88' RT
787	784.06	566,367.04	814,549.14	SW	154+61.01	27.22' RT
788	783.50	566,363.31	814,541.18	DWF	154+52.96	30.75' RT
789	783.58	566,363.31	814,546.18	DWF	154+57.96	30.88' RT



LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
EEEE	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

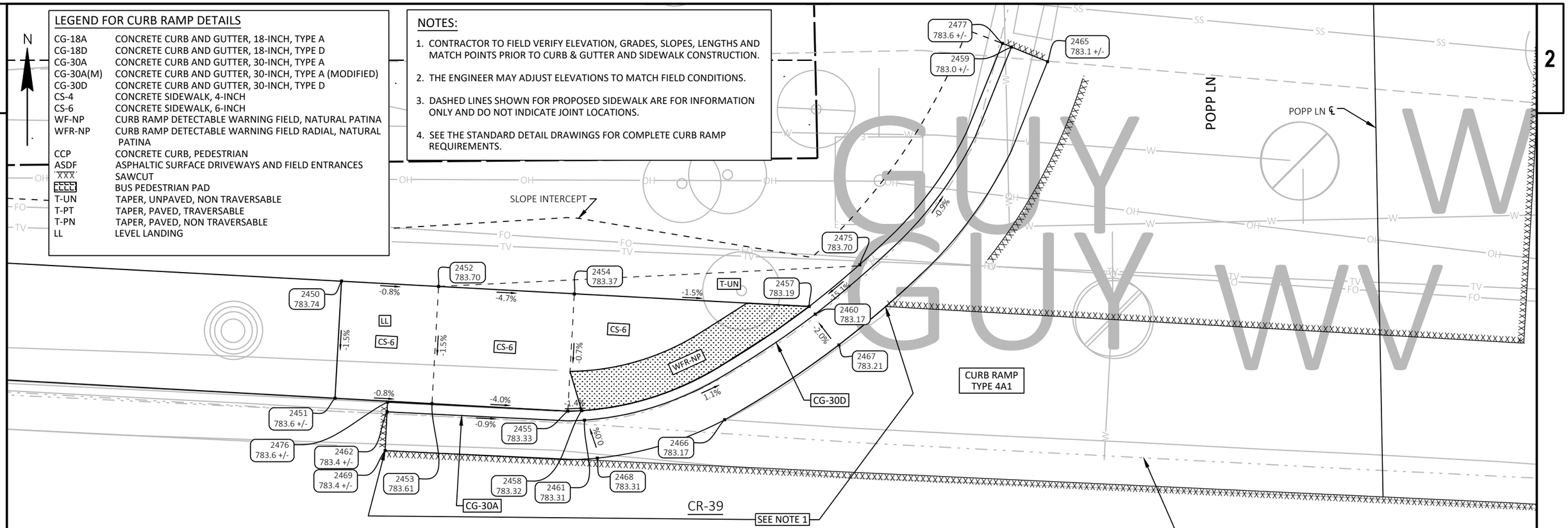
GW

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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	783.74	566,455.50	814,750.12	SW	156+63.83	56.56' LT
2451	783.65	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	783.37	566,454.84	814,762.11	SW	156+75.76	55.67' LT
2455	783.33	566,448.81	814,761.77	SW	156+75.32	49.65' LT
2457	783.19	566,454.20	814,774.20	BOC	156+87.81	54.80' LT
2458	783.32	566,448.84	814,762.48	BOC	156+76.03	49.66' LT
2459	783.01	566,467.54	814,784.61	FL	156+98.43	67.96' LT
2460	783.17	566,453.80	814,774.50	FL	156+88.11	54.40' LT
2461	783.31	566,448.35	814,762.63	FL	156+76.17	49.17' LT
2462	783.40	566,448.78	814,752.47	FL	156+66.04	49.79' LT
2465	783.11	566,466.79	814,786.46	FLAG	157+00.26	67.18' LT

POPP LN NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2466	783.17	566,448.37	814,769.84	FLAG	156+83.36	49.06' LT
2467	783.21	566,452.22	814,775.72	FLAG	156+89.30	52.80' LT
2468	783.31	566,446.40	814,763.29	FLAG	156+76.79	47.21' LT
2469	783.40	566,446.79	814,752.37	FLAG	156+65.90	47.80' LT
2475	783.70	566,456.34	814,776.80	BOC	156+90.45	56.90' LT
2476	783.60	566,449.28	814,752.49	BOC	156+66.07	50.29' LT
2477	783.60	566,467.73	814,784.15	BOC	156+97.97	68.15' LT

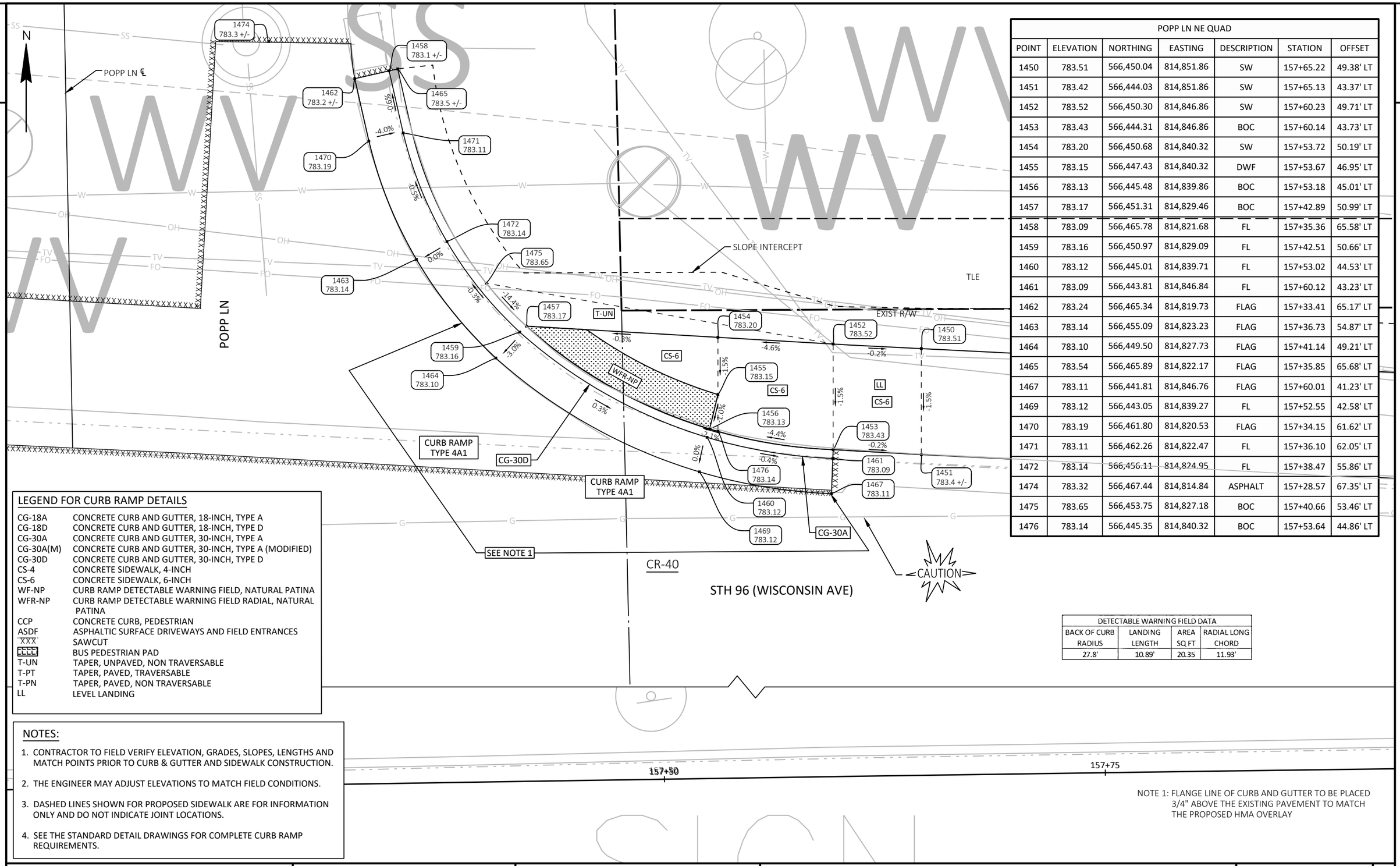
DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
15.4'	12.11'	23.12	12.88'

NOTE 1: FLANGE LINE OF CURB AND GUTTER TO BE PLACED 3/4" ABOVE THE EXISTING PAVEMENT TO MATCH THE PROPOSED HMA OVERLAY

GUY WW GUY WW

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 83	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021329-cr
PLOT DATE : 5/22/2025 1:58 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:5 FT



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	783.20	566,450.68	814,840.32	SW	157+53.72	50.19' LT
1455	783.15	566,447.43	814,840.32	DWF	157+53.67	46.95' LT
1456	783.13	566,445.48	814,839.86	BOC	157+53.18	45.01' LT
1457	783.17	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	783.16	566,450.97	814,829.09	FL	157+42.51	50.66' LT
1460	783.12	566,445.01	814,839.71	FL	157+53.02	44.53' LT
1461	783.09	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+36.73	54.87' LT
1464	783.10	566,449.50	814,827.73	FLAG	157+41.14	49.21' LT
1465	783.54	566,465.89	814,822.17	FLAG	157+35.85	65.68' LT
1467	783.11	566,441.81	814,846.76	FLAG	157+60.01	41.23' LT
1469	783.12	566,443.05	814,839.27	FL	157+52.55	42.58' LT
1470	783.19	566,461.80	814,820.53	FLAG	157+34.15	61.62' LT
1471	783.11	566,462.26	814,822.47	FL	157+36.10	62.05' LT
1472	783.14	566,456.11	814,824.95	FL	157+38.47	55.86' LT
1474	783.32	566,467.44	814,814.84	ASPHALT	157+28.57	67.35' LT
1475	783.65	566,453.75	814,827.18	BOC	157+40.66	53.46' LT
1476	783.14	566,445.35	814,840.32	BOC	157+53.64	44.86' LT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
EEEE	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

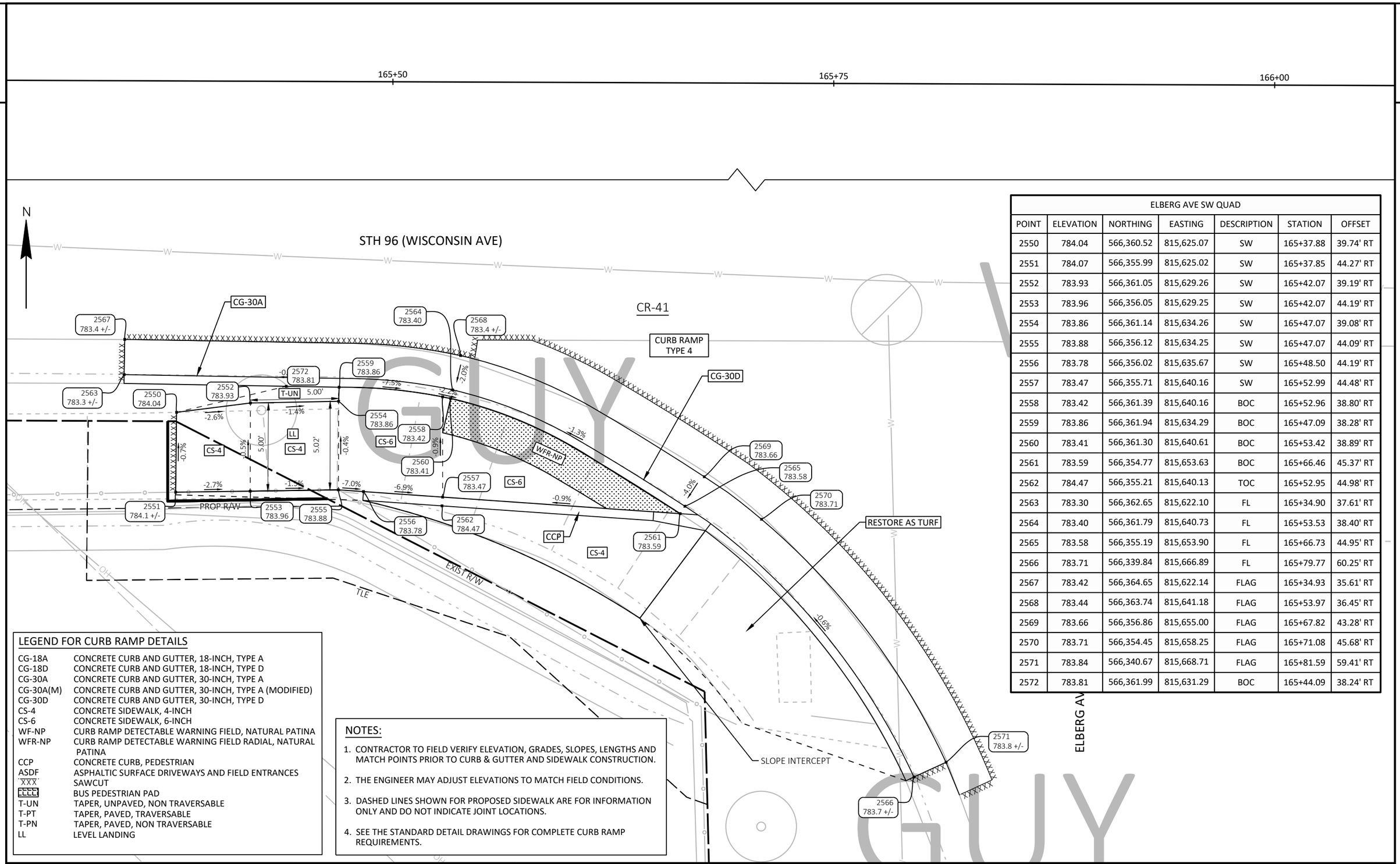
DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
27.8'	10.89'	20.35	11.93'

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.

NOTE 1: FLANGE LINE OF CURB AND GUTTER TO BE PLACED 3/4" ABOVE THE EXISTING PAVEMENT TO MATCH THE PROPOSED HMA OVERLAY

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 84	E



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	566,361.05	815,629.26	SW	165+42.07	39.19' 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	783.42	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
2572	783.81	566,361.99	815,631.29	BOC	165+44.09	38.24' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
BUS	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

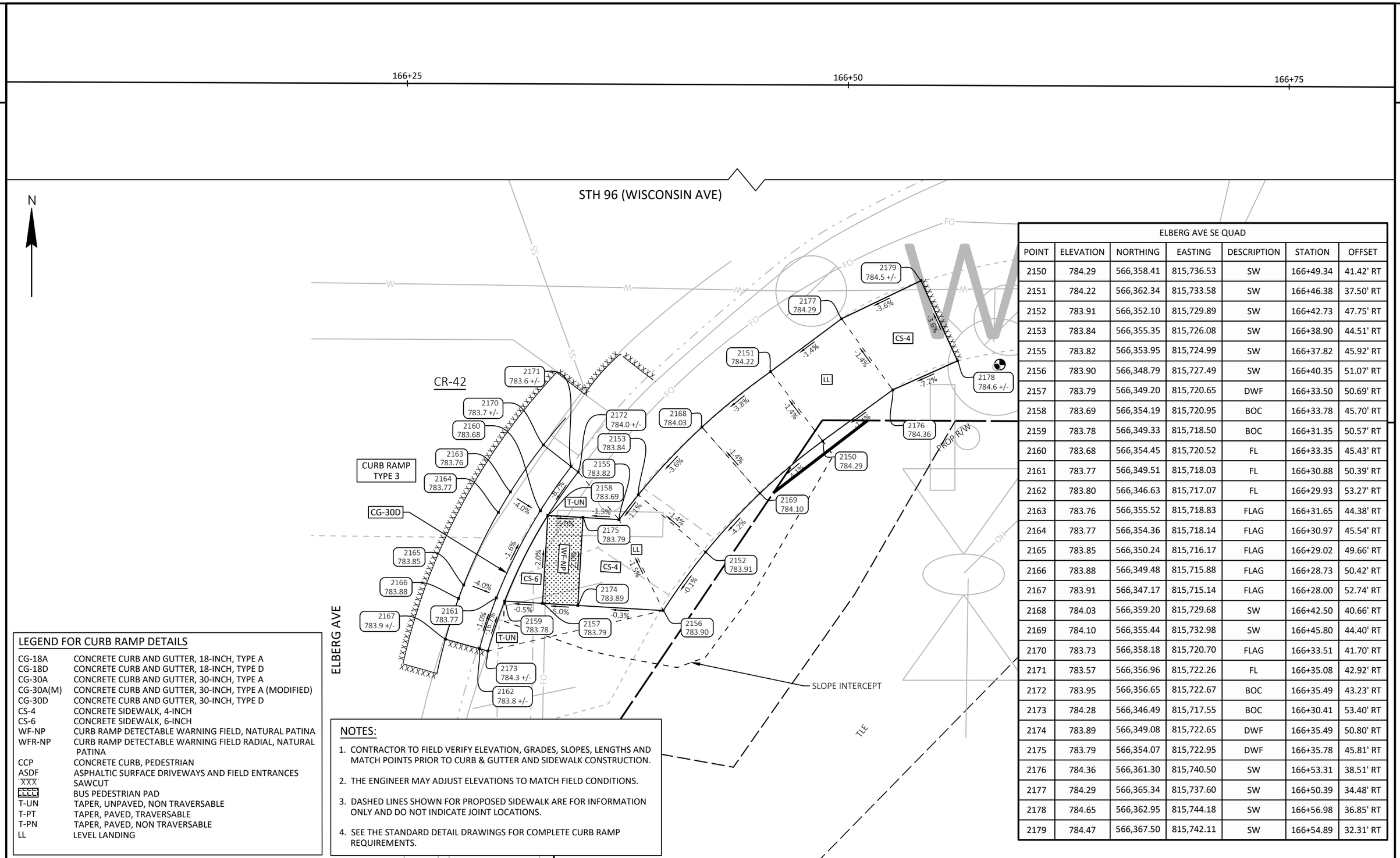
NOTES:

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 85	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021331-cr
PLOT DATE : 5/22/2025 1:58 PM
PLOT BY : CRAIG KNUTH
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



ELBERG AVE SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2150	784.29	566,358.41	815,736.53	SW	166+49.34	41.42' RT
2151	784.22	566,362.34	815,733.58	SW	166+46.38	37.50' RT
2152	783.91	566,352.10	815,729.89	SW	166+42.73	47.75' RT
2153	783.84	566,355.35	815,726.08	SW	166+38.90	44.51' RT
2155	783.82	566,353.95	815,724.99	SW	166+37.82	45.92' RT
2156	783.90	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	783.80	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	783.91	566,347.17	815,715.14	FLAG	166+28.00	52.74' RT
2168	784.03	566,359.20	815,729.68	SW	166+42.50	40.66' RT
2169	784.10	566,355.44	815,732.98	SW	166+45.80	44.40' RT
2170	783.73	566,358.18	815,720.70	FLAG	166+33.51	41.70' RT
2171	783.57	566,356.96	815,722.26	FL	166+35.08	42.92' RT
2172	783.95	566,356.65	815,722.67	BOC	166+35.49	43.23' RT
2173	784.28	566,346.49	815,717.55	BOC	166+30.41	53.40' RT
2174	783.89	566,349.08	815,722.65	DWF	166+35.49	50.80' RT
2175	783.79	566,354.07	815,722.95	DWF	166+35.78	45.81' RT
2176	784.36	566,361.30	815,740.50	SW	166+53.31	38.51' RT
2177	784.29	566,365.34	815,737.60	SW	166+50.39	34.48' RT
2178	784.65	566,362.95	815,744.18	SW	166+56.98	36.85' RT
2179	784.47	566,367.50	815,742.11	SW	166+54.89	32.31' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
LLLL	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

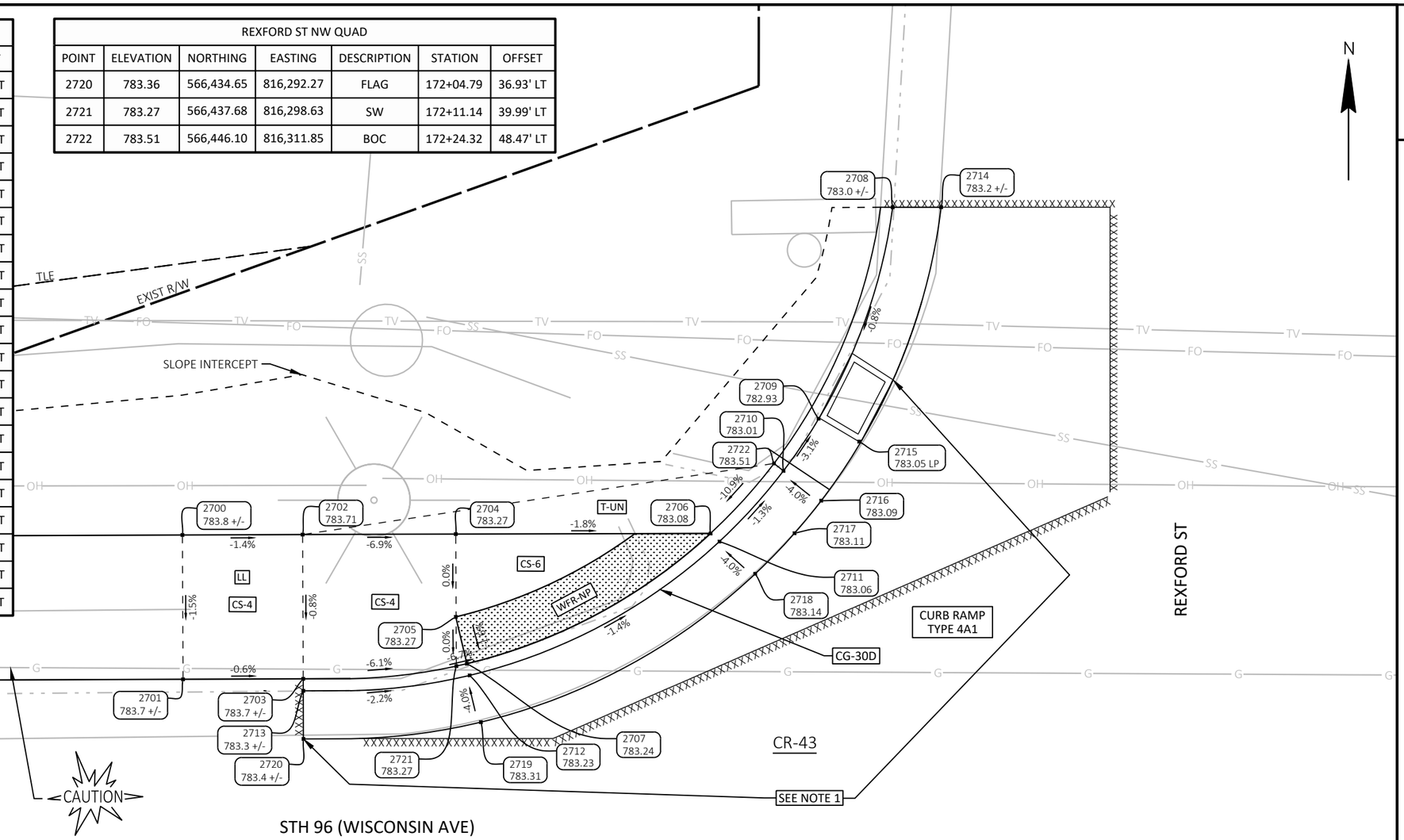
NOTES:

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 86	E

REXFORD ST NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2700	783.78	566,443.13	816,287.24	SW	171+99.73	45.40' LT
2701	783.69	566,437.13	816,287.27	SW	171+99.78	39.40' LT
2702	783.71	566,443.15	816,292.24	SW	172+04.73	45.43' LT
2703	783.66	566,437.15	816,292.26	SW	172+04.77	39.43' LT
2704	783.27	566,443.17	816,298.61	SW	172+11.10	45.48' LT
2705	783.27	566,439.72	816,298.61	DWF	172+11.11	42.03' LT
2706	783.08	566,443.19	816,309.21	BOC	172+21.69	45.54' LT
2707	783.24	566,437.78	816,299.07	BOC	172+11.58	40.09' LT
2708	783.02	566,456.76	816,316.79	FL	172+29.22	59.14' LT
2709	782.93	566,447.97	816,313.70	FL	172+26.17	50.34' LT
2710	783.01	566,445.80	816,312.24	FL	172+24.72	48.16' LT
2711	783.06	566,442.86	816,309.58	FL	172+22.07	45.21' LT
2712	783.23	566,437.29	816,299.19	FL	172+11.70	39.60' LT
2713	783.32	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
2715	783.05	566,447.01	816,315.39	FLAG	172+27.86	49.39' LT
2716	783.09	566,444.55	816,313.81	FLAG	172+26.29	46.92' LT
2717	783.11	566,443.20	816,312.70	FLAG	172+25.19	45.57' LT
2718	783.14	566,441.51	816,311.06	FLAG	172+23.56	43.87' LT
2719	783.31	566,435.34	816,299.66	FLAG	172+12.17	37.66' LT

REXFORD ST NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2720	783.36	566,434.65	816,292.27	FLAG	172+04.79	36.93' LT
2721	783.27	566,437.68	816,298.63	SW	172+11.14	39.99' LT
2722	783.51	566,446.10	816,311.85	BOC	172+24.32	48.47' LT



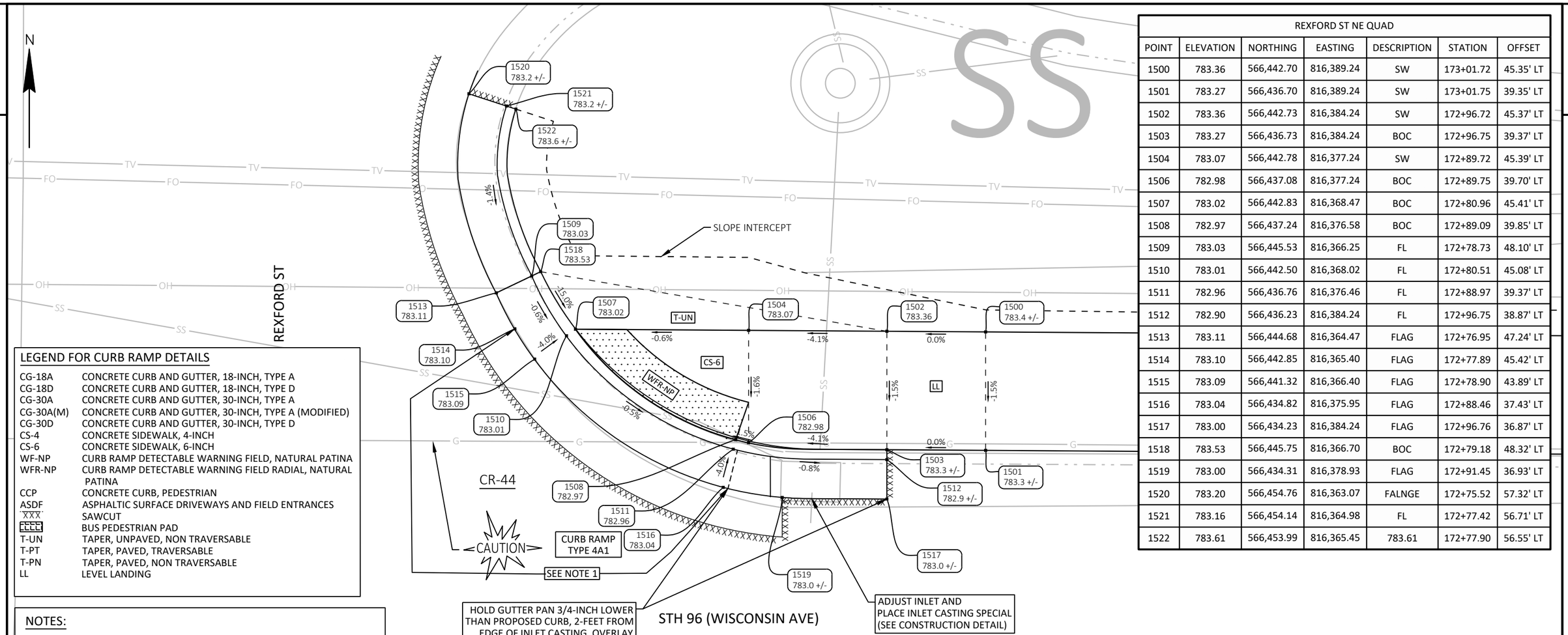
LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

NOTE 1: FLANGE LINE OF CURB AND GUTTER TO BE PLACED 3/4" ABOVE THE EXISTING PAVEMENT TO MATCH THE PROPOSED HMA OVERLAY

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-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

REXFORD ST NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1500	783.36	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	783.07	566,442.78	816,377.24	SW	172+89.72	45.39' LT
1506	782.98	566,437.08	816,377.24	BOC	172+89.75	39.70' LT
1507	783.02	566,442.83	816,368.47	BOC	172+80.96	45.41' LT
1508	782.97	566,437.24	816,376.58	BOC	172+89.09	39.85' LT
1509	783.03	566,445.53	816,366.25	FL	172+78.73	48.10' LT
1510	783.01	566,442.50	816,368.02	FL	172+80.51	45.08' LT
1511	782.96	566,436.76	816,376.46	FL	172+88.97	39.37' LT
1512	782.90	566,436.23	816,384.24	FL	172+96.75	38.87' LT
1513	783.11	566,444.68	816,364.47	FLAG	172+76.95	47.24' LT
1514	783.10	566,442.85	816,365.40	FLAG	172+77.89	45.42' LT
1515	783.09	566,441.32	816,366.40	FLAG	172+78.90	43.89' LT
1516	783.04	566,434.82	816,375.95	FLAG	172+88.46	37.43' LT
1517	783.00	566,434.23	816,384.24	FLAG	172+96.76	36.87' LT
1518	783.53	566,445.75	816,366.70	BOC	172+79.18	48.32' LT
1519	783.00	566,434.31	816,378.93	FLAG	172+91.45	36.93' LT
1520	783.20	566,454.76	816,363.07	FALNGE	172+75.52	57.32' LT
1521	783.16	566,454.14	816,364.98	FL	172+77.42	56.71' LT
1522	783.61	566,453.99	816,365.45	783.61	172+77.90	56.55' LT

DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
14.5'	8.77'	17.4	10.06'

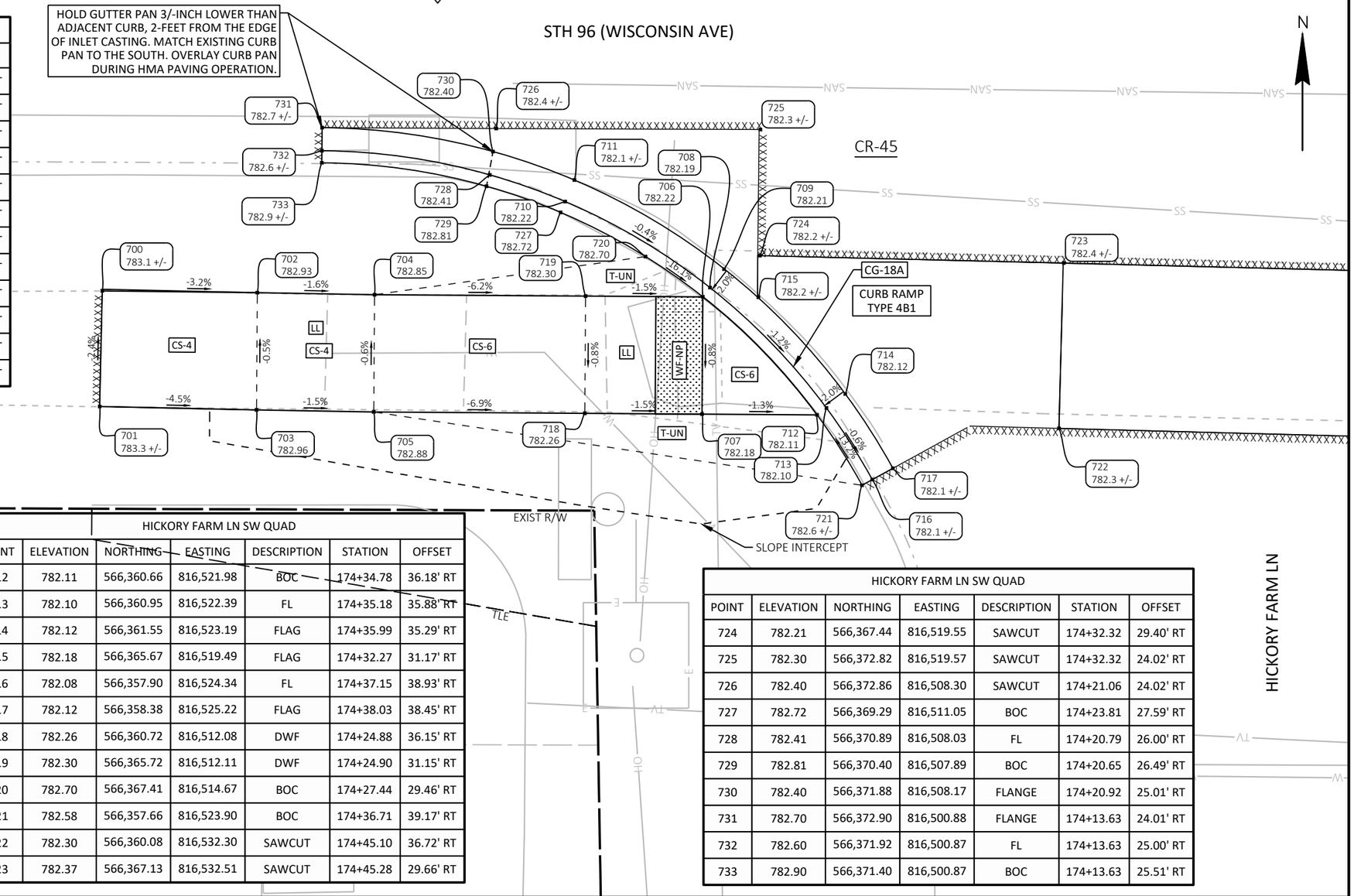
NOTE 1: FLANGE LINE OF CURB AND GUTTER TO BE PLACED 3/4" ABOVE THE EXISTING PAVEMENT TO MATCH THE PROPOSED HMA OVERLAY

2

174+00 174+25 174+50

HICKORY FARM LN SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
700	783.14	566,365.95	816,491.50	SW	174+04.28	31.01' RT
701	783.26	566,361.01	816,491.39	SW	174+04.19	35.94' RT
702	782.93	566,365.87	816,498.12	SW	174+10.90	31.06' RT
703	782.96	566,360.87	816,498.08	SW	174+10.88	36.06' RT
704	782.85	566,365.78	816,503.12	SW	174+15.90	31.13' RT
705	782.88	566,360.78	816,503.08	SW	174+15.88	36.13' 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	782.22	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

HOLD GUTTER PAN 3/-INCH LOWER THAN ADJACENT CURB, 2-FEET FROM THE EDGE OF INLET CASTING. MATCH EXISTING CURB PAN TO THE SOUTH. OVERLAY CURB PAN DURING HMA PAVING OPERATION.



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
718	782.26	566,360.72	816,512.08	DWF	174+24.88	36.15' RT
719	782.30	566,365.72	816,512.11	DWF	174+24.90	31.15' RT
720	782.70	566,367.41	816,514.67	BOC	174+27.44	29.46' RT
721	782.58	566,357.66	816,523.90	BOC	174+36.71	39.17' RT
722	782.30	566,360.08	816,532.30	SAWCUT	174+45.10	36.72' RT
723	782.37	566,367.13	816,532.51	SAWCUT	174+45.28	29.66' RT

HICKORY FARM LN SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
724	782.21	566,367.44	816,519.55	SAWCUT	174+32.32	29.40' RT
725	782.30	566,372.82	816,519.57	SAWCUT	174+32.32	24.02' RT
726	782.40	566,372.86	816,508.30	SAWCUT	174+21.06	24.02' RT
727	782.72	566,369.29	816,511.05	BOC	174+23.81	27.59' RT
728	782.41	566,370.89	816,508.03	FL	174+20.79	26.00' RT
729	782.81	566,370.40	816,507.89	BOC	174+20.65	26.49' RT
730	782.40	566,371.88	816,508.17	FLANGE	174+20.92	25.01' RT
731	782.70	566,372.90	816,500.88	FLANGE	174+13.63	24.01' RT
732	782.60	566,371.92	816,500.87	FL	174+13.63	25.00' RT
733	782.90	566,371.40	816,500.87	BOC	174+13.63	25.51' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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 89	E

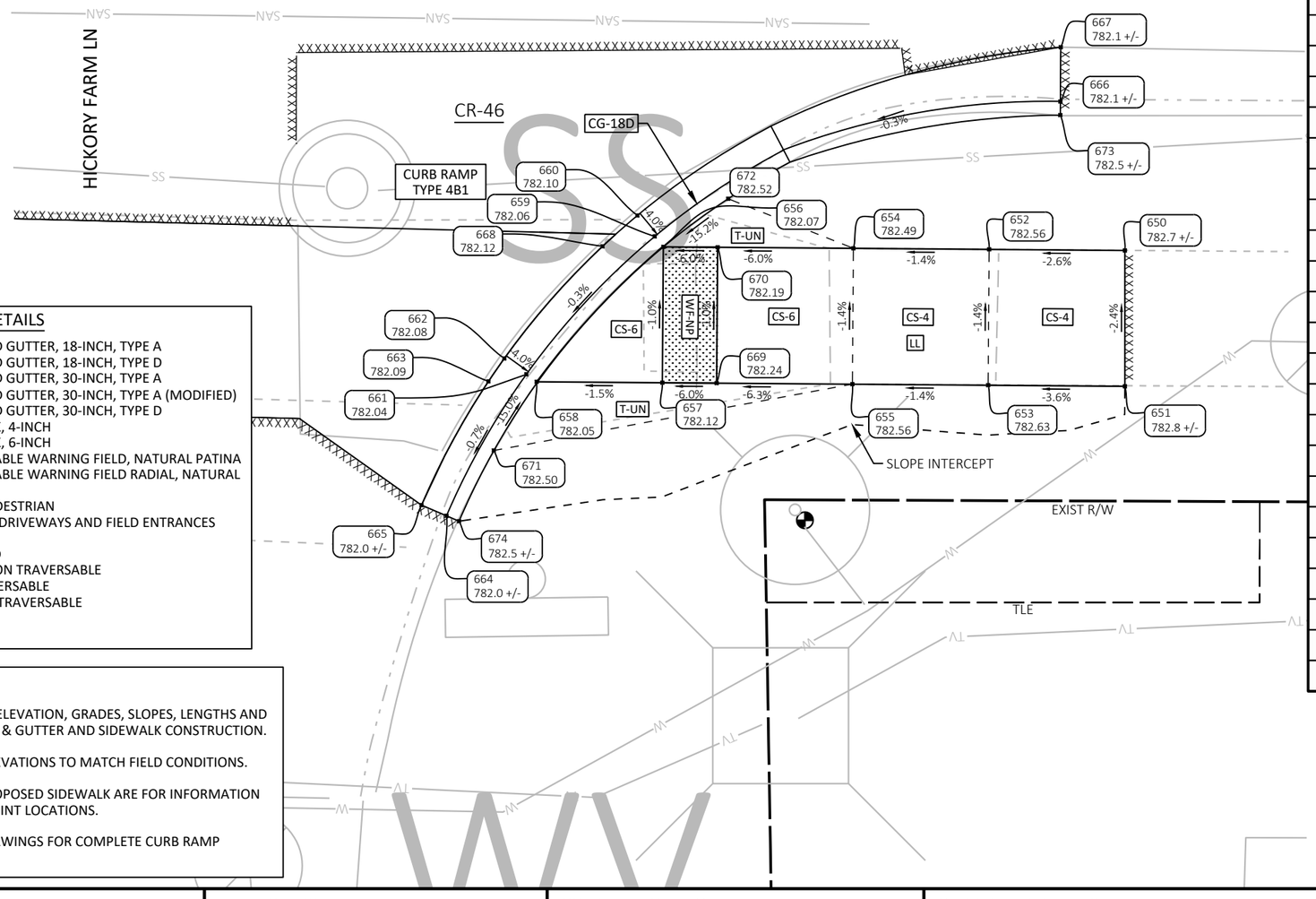
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021335-cr
PLOT DATE : 5/22/2025 1:59 PM
PLOT BY : CRAIG KNUTH
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

174+75 175+00 175+25

N

STH 96 (WISCONSIN AVE)



LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

NOTES:

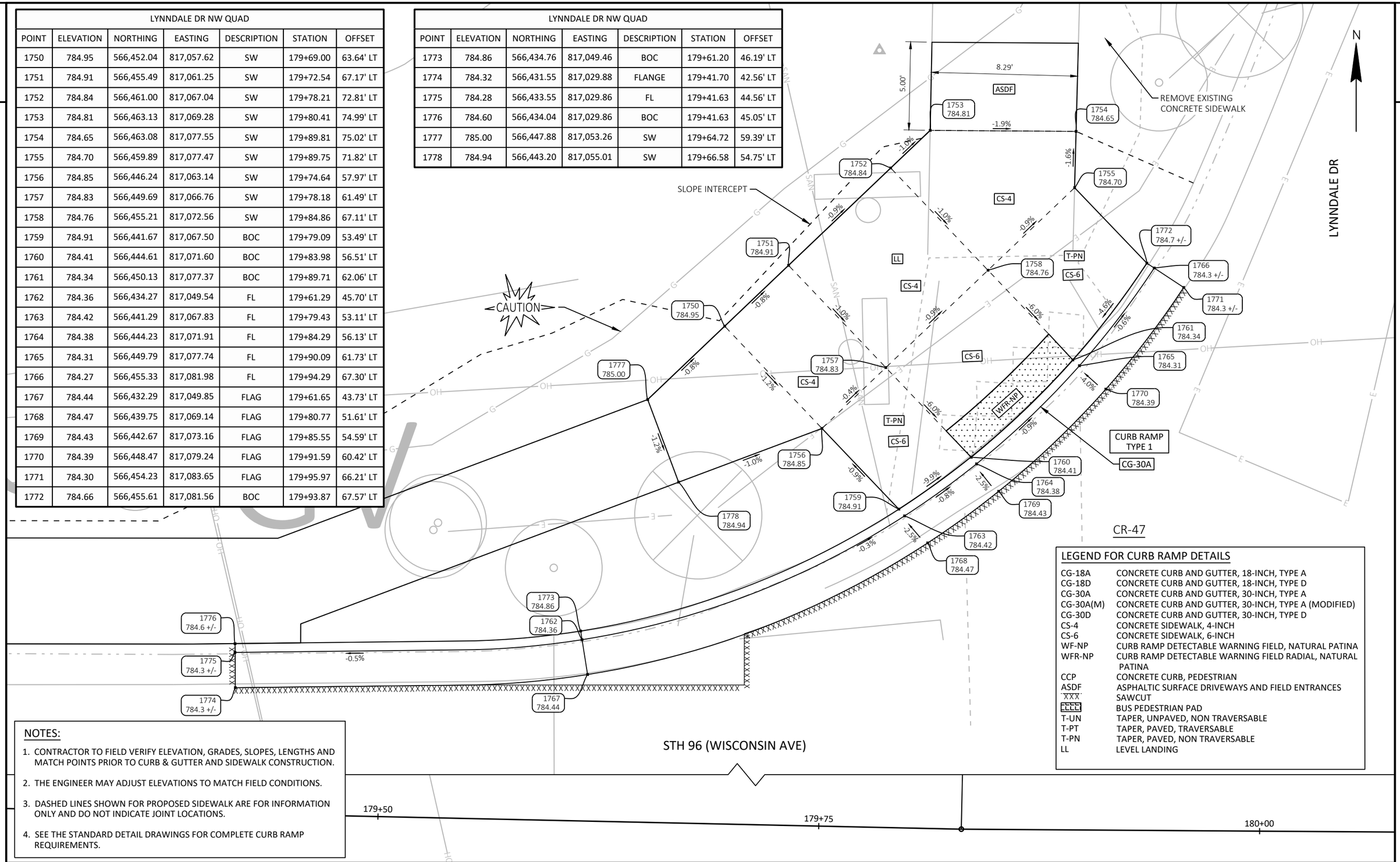
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.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

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	782.56	566,365.53	816,586.77	SW	174+99.55	31.06' RT
653	782.63	566,360.53	816,586.73	SW	174+99.53	36.06' RT
654	782.49	566,365.57	816,581.77	SW	174+94.55	31.04' RT
655	782.56	566,360.57	816,581.73	SW	174+94.53	36.04' RT
656	782.07	566,365.62	816,574.77	BOC	174+87.55	31.01' RT
657	782.12	566,360.63	816,574.73	DWF	174+87.53	36.01' RT
658	782.05	566,360.66	816,570.10	BOC	174+82.90	35.99' RT
659	782.06	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	782.04	566,360.93	816,569.72	FL	174+82.52	35.72' RT
662	782.08	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	782.00	566,355.72	816,566.78	FL	174+79.60	40.94' RT
665	782.00	566,356.12	816,565.86	FLAG	174+78.68	40.55' RT
666	782.10	566,370.98	816,589.39	FL	175+02.15	25.61' RT
667	782.10	566,372.98	816,589.41	FLAG	175+02.16	23.61' RT
668	782.12	566,365.64	816,572.53	FLAG	174+85.31	31.00' RT
669	782.24	566,360.61	816,576.73	DWF	174+89.53	36.02' RT
670	782.19	566,365.61	816,576.77	DWF	174+89.55	31.02' RT
671	782.50	566,358.13	816,568.53	BOC	174+81.34	38.53' RT
672	782.52	566,367.40	816,577.16	BOC	174+89.93	29.23' RT
673	782.50	566,370.48	816,589.39	BOC	175+02.15	26.11' RT
674	782.50	566,355.53	816,567.24	BOC	174+80.06	41.14' RT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 90	E

LYNNDALE DR NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1750	784.95	566,452.04	817,057.62	SW	179+69.00	63.64' LT
1751	784.91	566,455.49	817,061.25	SW	179+72.54	67.17' LT
1752	784.84	566,461.00	817,067.04	SW	179+78.21	72.81' LT
1753	784.81	566,463.13	817,069.28	SW	179+80.41	74.99' 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	784.91	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	784.36	566,434.27	817,049.54	FL	179+61.29	45.70' 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
1767	784.44	566,432.29	817,049.85	FLAG	179+61.65	43.73' 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
1772	784.66	566,455.61	817,081.56	BOC	179+93.87	67.57' LT

LYNNDALE DR NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1773	784.86	566,434.76	817,049.46	BOC	179+61.20	46.19' LT
1774	784.32	566,431.55	817,029.88	FLANGE	179+41.70	42.56' LT
1775	784.28	566,433.55	817,029.86	FL	179+41.63	44.56' LT
1776	784.60	566,434.04	817,029.86	BOC	179+41.63	45.05' LT
1777	785.00	566,447.88	817,053.26	SW	179+64.72	59.39' LT
1778	784.94	566,443.20	817,055.01	SW	179+66.58	54.75' LT

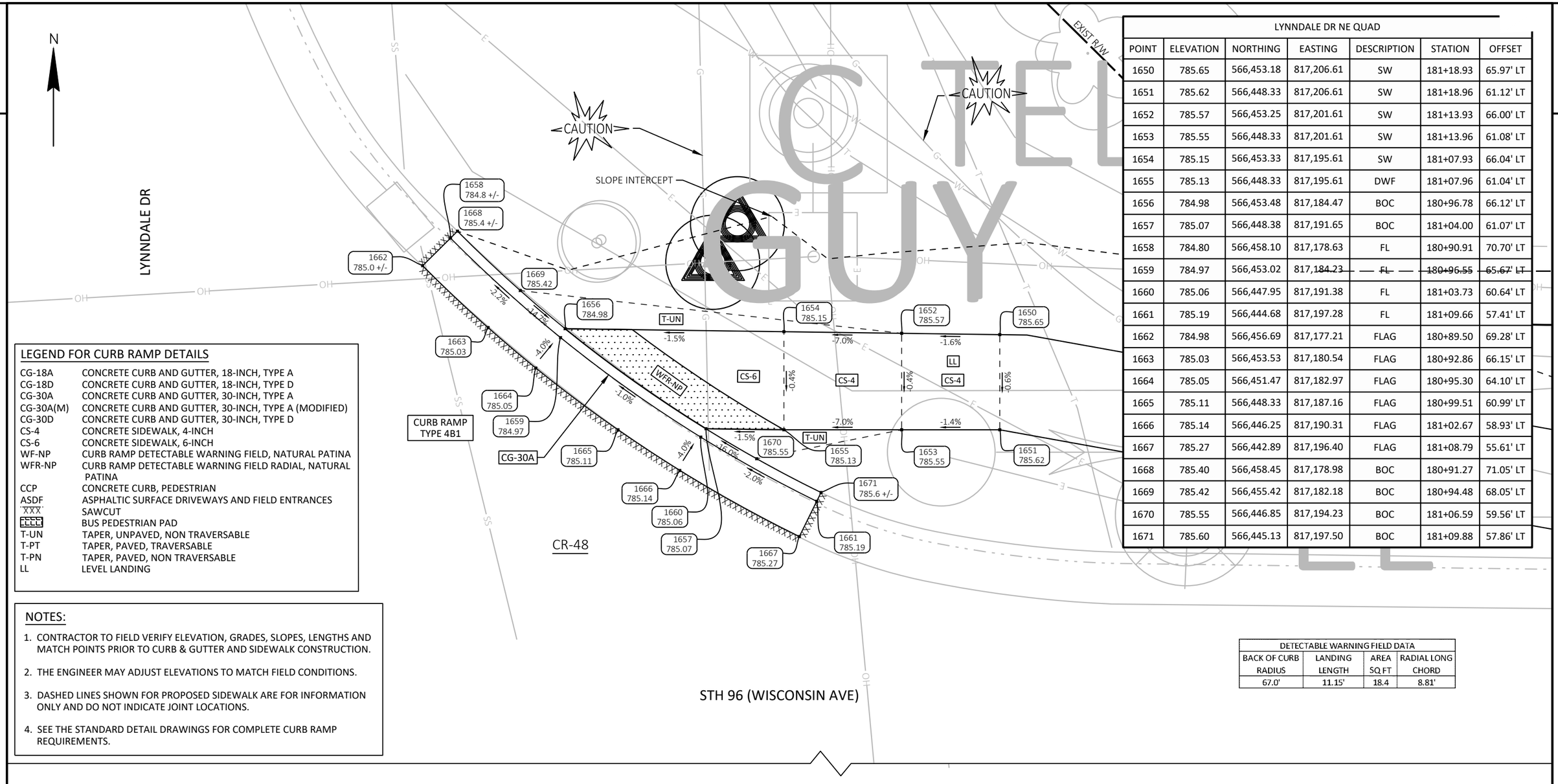


LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

LYNNDALE DR NE QUAD

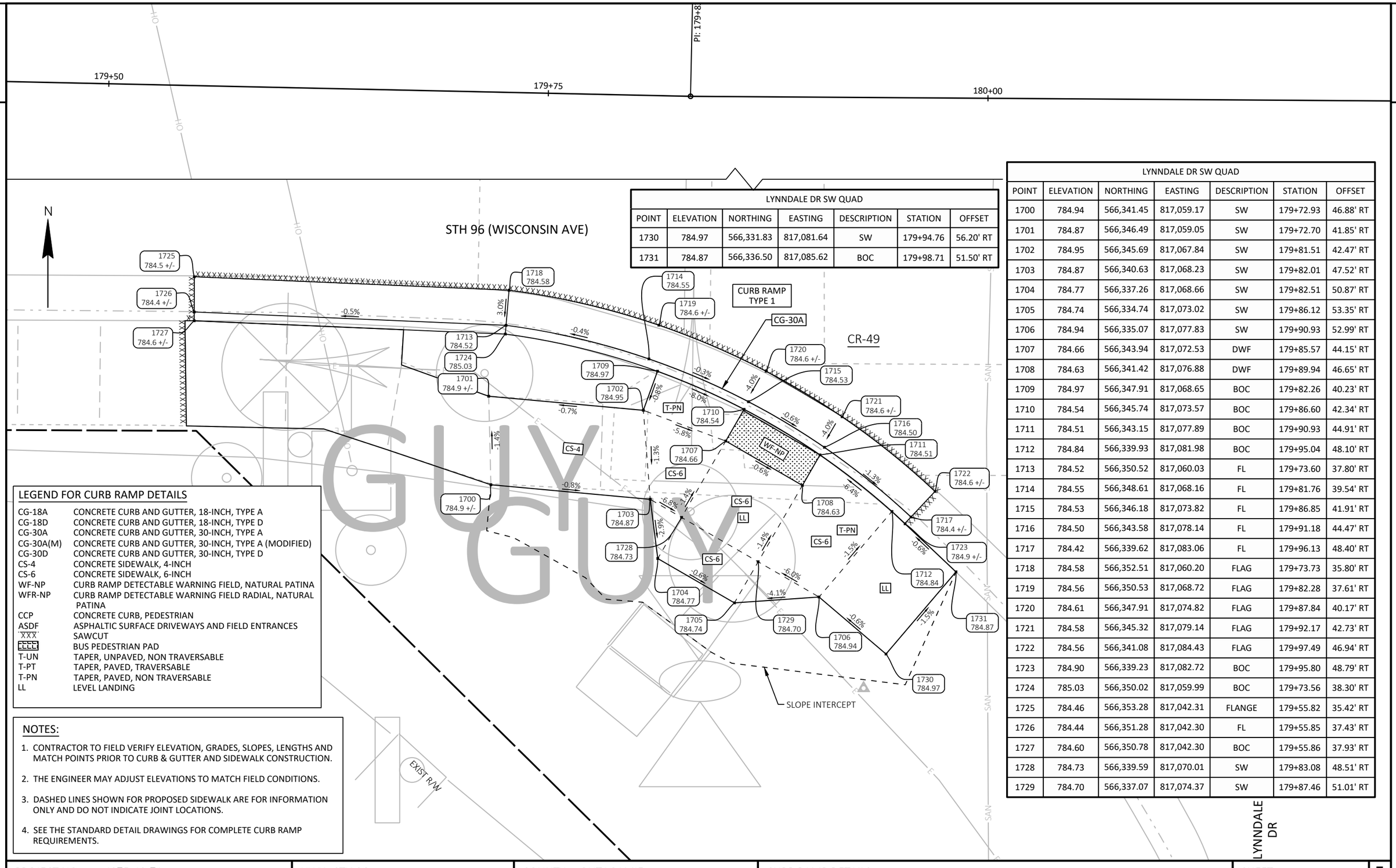
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1650	785.65	566,453.18	817,206.61	SW	181+18.93	65.97' LT
1651	785.62	566,448.33	817,206.61	SW	181+18.96	61.12' LT
1652	785.57	566,453.25	817,201.61	SW	181+13.93	66.00' LT
1653	785.55	566,448.33	817,201.61	SW	181+13.96	61.08' LT
1654	785.15	566,453.33	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+96.78	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
1668	785.40	566,458.45	817,178.98	BOC	180+91.27	71.05' LT
1669	785.42	566,455.42	817,182.18	BOC	180+94.48	68.05' LT
1670	785.55	566,446.85	817,194.23	BOC	181+06.59	59.56' LT
1671	785.60	566,445.13	817,197.50	BOC	181+09.88	57.86' LT

DETECTABLE WARNING FIELD DATA

BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
67.0'	11.15'	18.4	8.81'

CTEL GUY

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 92	E



GUY GUY

LYNNDALE DR SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1730	784.97	566,331.83	817,081.64	SW	179+94.76	56.20' RT
1731	784.87	566,336.50	817,085.62	BOC	179+98.71	51.50' RT

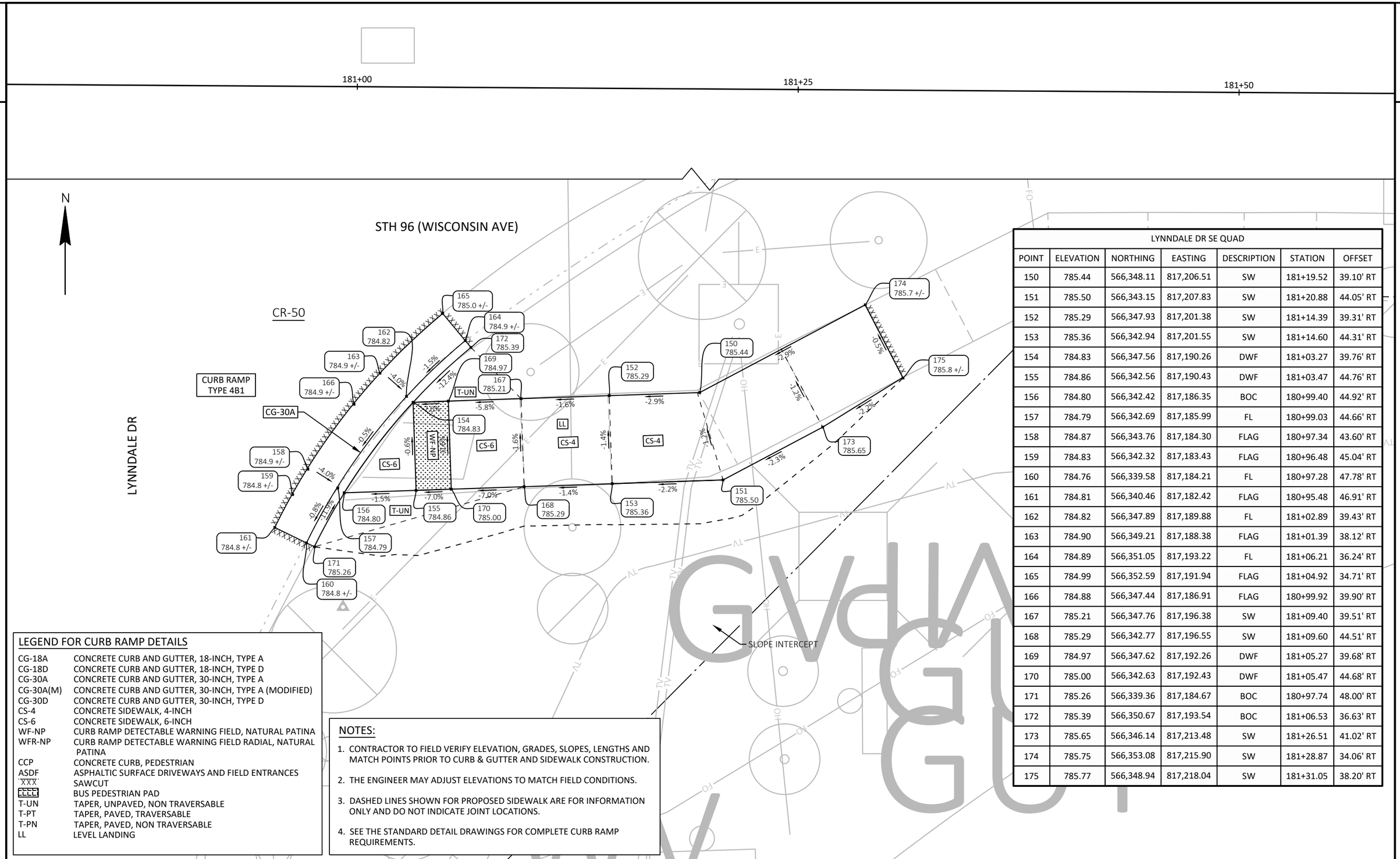
LYNNDALE DR SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1700	784.94	566,341.45	817,059.17	SW	179+72.93	46.88' RT
1701	784.87	566,346.49	817,059.05	SW	179+72.70	41.85' RT
1702	784.95	566,345.69	817,067.84	SW	179+81.51	42.47' RT
1703	784.87	566,340.63	817,068.23	SW	179+82.01	47.52' RT
1704	784.77	566,337.26	817,068.66	SW	179+82.51	50.87' RT
1705	784.74	566,334.74	817,073.02	SW	179+86.12	53.35' RT
1706	784.94	566,335.07	817,077.83	SW	179+90.93	52.99' 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	566,347.91	817,068.65	BOC	179+82.26	40.23' 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	784.52	566,350.52	817,060.03	FL	179+73.60	37.80' 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	784.58	566,352.51	817,060.20	FLAG	179+73.73	35.80' 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
1723	784.90	566,339.23	817,082.72	BOC	179+95.80	48.79' RT
1724	785.03	566,350.02	817,059.99	BOC	179+73.56	38.30' RT
1725	784.46	566,353.28	817,042.31	FLANGE	179+55.82	35.42' RT
1726	784.44	566,351.28	817,042.30	FL	179+55.85	37.43' RT
1727	784.60	566,350.78	817,042.30	BOC	179+55.86	37.93' RT
1728	784.73	566,339.59	817,070.01	SW	179+83.08	48.51' RT
1729	784.70	566,337.07	817,074.37	SW	179+87.46	51.01' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.



LYNNDALE DR SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
150	785.44	566,348.11	817,206.51	SW	181+19.52	39.10' RT
151	785.50	566,343.15	817,207.83	SW	181+20.88	44.05' RT
152	785.29	566,347.93	817,201.38	SW	181+14.39	39.31' RT
153	785.36	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	784.86	566,342.56	817,190.43	DWF	181+03.47	44.76' RT
156	784.80	566,342.42	817,186.35	BOC	180+99.40	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	785.21	566,347.76	817,196.38	SW	181+09.40	39.51' RT
168	785.29	566,342.77	817,196.55	SW	181+09.60	44.51' RT
169	784.97	566,347.62	817,192.26	DWF	181+05.27	39.68' RT
170	785.00	566,342.63	817,192.43	DWF	181+05.47	44.68' RT
171	785.26	566,339.36	817,184.67	BOC	180+97.74	48.00' RT
172	785.39	566,350.67	817,193.54	BOC	181+06.53	36.63' RT
173	785.65	566,346.14	817,213.48	SW	181+26.51	41.02' RT
174	785.75	566,353.08	817,215.90	SW	181+28.87	34.06' RT
175	785.77	566,348.94	817,218.04	SW	181+31.05	38.20' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

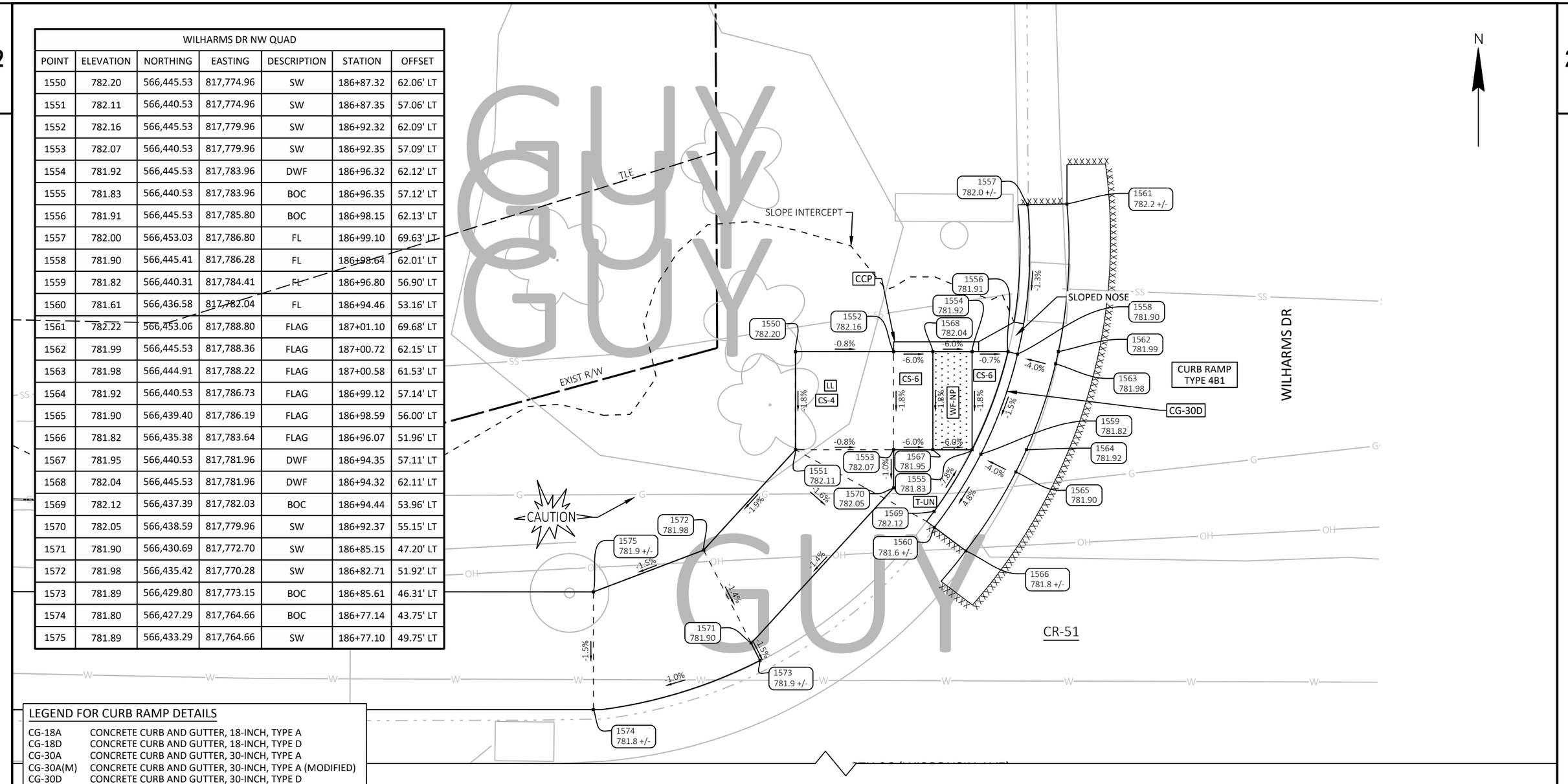
NOTES:

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.

GVDA GUI

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 94	E

WILHARMS DR NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1550	782.20	566,445.53	817,774.96	SW	186+87.32	62.06' LT
1551	782.11	566,440.53	817,774.96	SW	186+87.35	57.06' LT
1552	782.16	566,445.53	817,779.96	SW	186+92.32	62.09' LT
1553	782.07	566,440.53	817,779.96	SW	186+92.35	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
1567	781.95	566,440.53	817,781.96	DWF	186+94.35	57.11' LT
1568	782.04	566,445.53	817,781.96	DWF	186+94.32	62.11' LT
1569	782.12	566,437.39	817,782.03	BOC	186+94.44	53.96' LT
1570	782.05	566,438.59	817,779.96	SW	186+92.37	55.15' LT
1571	781.90	566,430.69	817,772.70	SW	186+85.15	47.20' LT
1572	781.98	566,435.42	817,770.28	SW	186+82.71	51.92' LT
1573	781.89	566,429.80	817,773.15	BOC	186+85.61	46.31' LT
1574	781.80	566,427.29	817,764.66	BOC	186+77.14	43.75' LT
1575	781.89	566,433.29	817,764.66	SW	186+77.10	49.75' LT



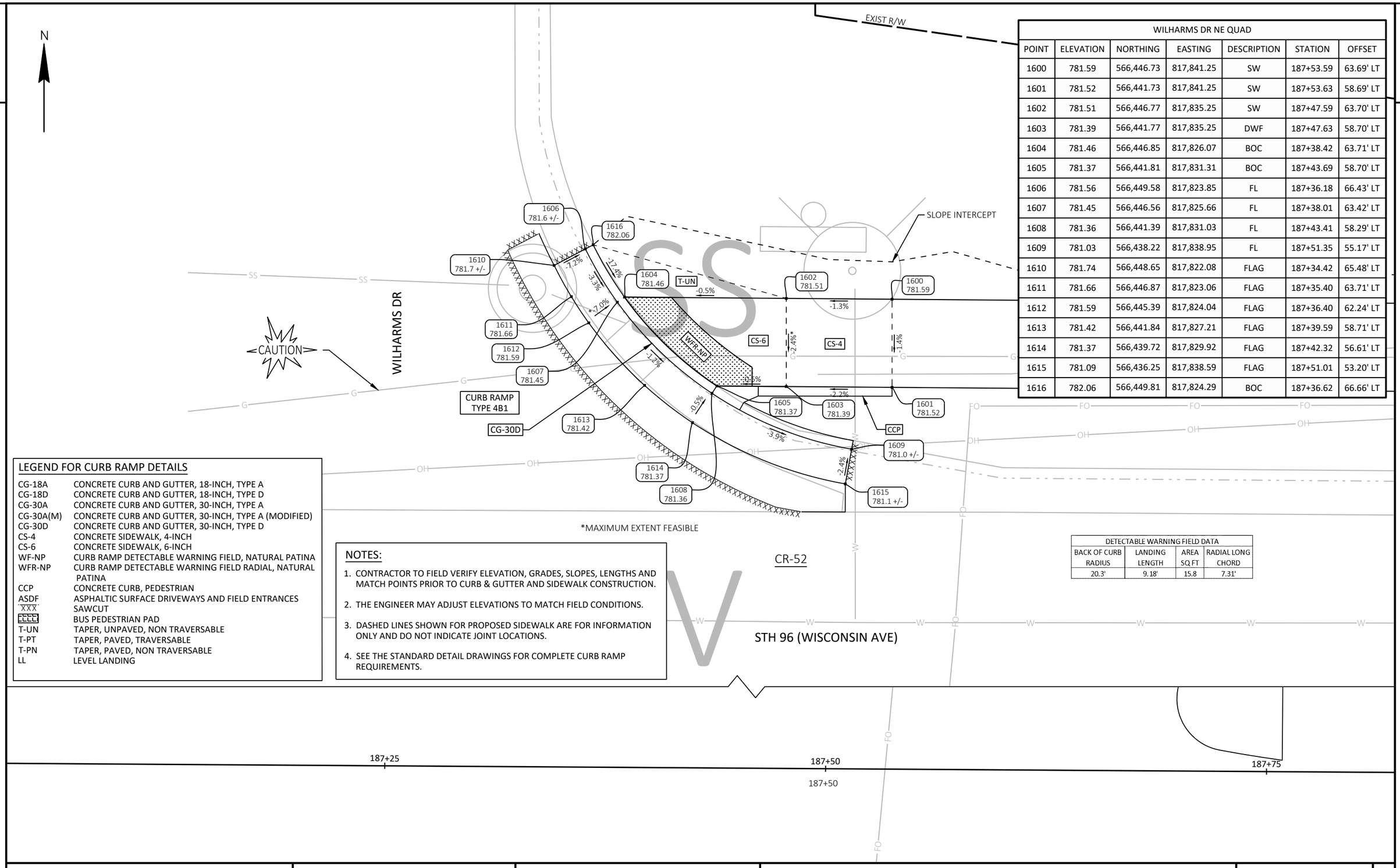
LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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



WILHARMS DR NE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1600	781.59	566,446.73	817,841.25	SW	187+53.59	63.69' LT
1601	781.52	566,441.73	817,841.25	SW	187+53.63	58.69' LT
1602	781.51	566,446.77	817,835.25	SW	187+47.59	63.70' LT
1603	781.39	566,441.77	817,835.25	DWF	187+47.63	58.70' LT
1604	781.46	566,446.85	817,826.07	BOC	187+38.42	63.71' LT
1605	781.37	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	781.45	566,446.56	817,825.66	FL	187+38.01	63.42' LT
1608	781.36	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
1616	782.06	566,449.81	817,824.29	BOC	187+36.62	66.66' LT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
LLLL	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
20.3'	9.18'	15.8	7.31'

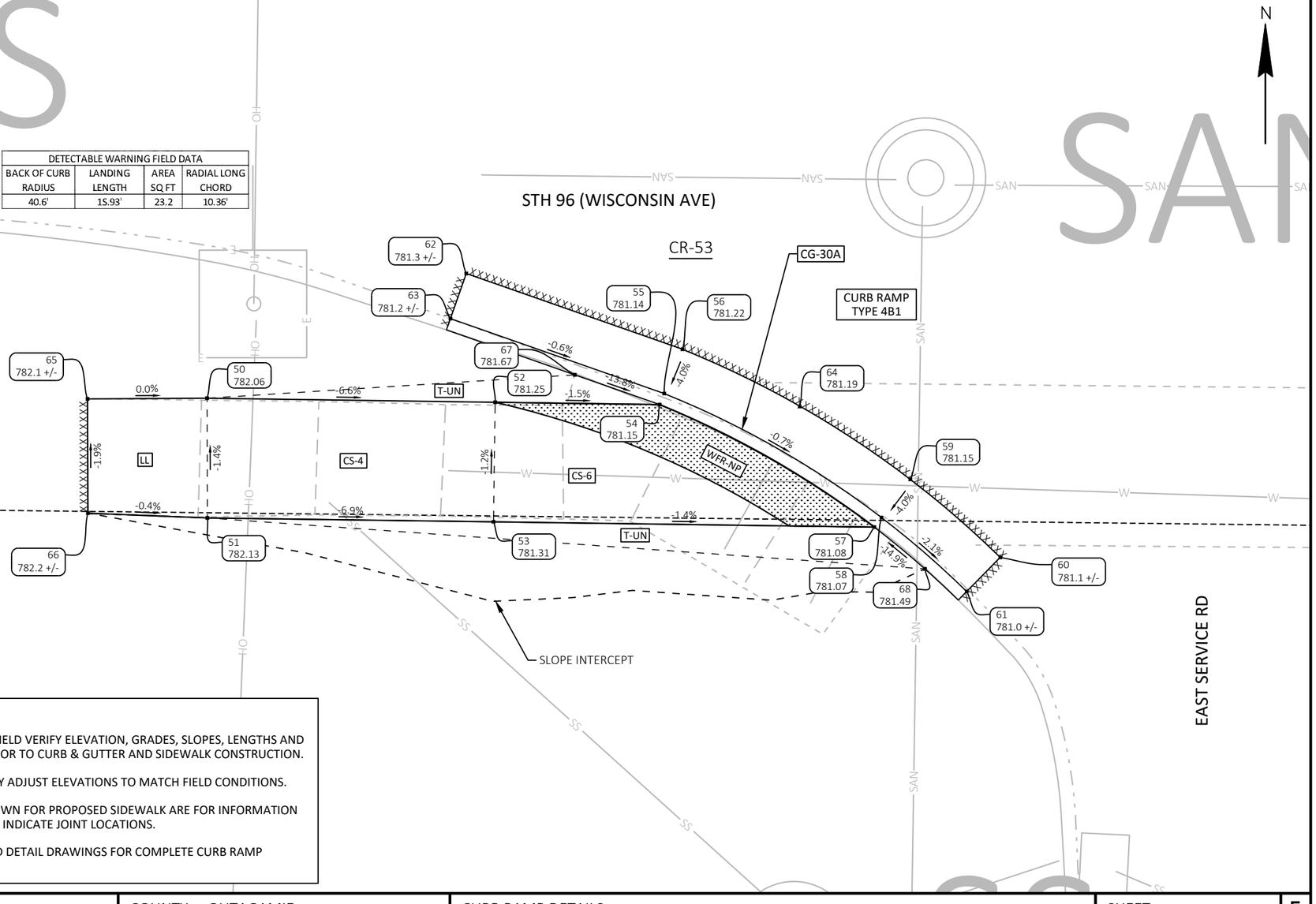
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 96	E

2

186+50 186+75 187+00

EAST SERVICE RD SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
50	782.06	566,352.62	817,749.65	SW	186+62.61	31.02' RT
51	782.13	566,347.61	817,749.66	SW	186+62.66	36.03' 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
65	782.06	566,352.59	817,744.65	MATCH	186+57.62	31.08' RT
66	782.15	566,347.81	817,744.66	MATCH	186+57.66	35.86' RT
67	781.67	566,353.59	817,765.03	BOC	186+77.99	29.94' RT
68	781.49	566,345.48	817,779.67	BOC	186+92.68	37.96' RT

DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
40.6'	15.93'	23.2	10.36'



LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

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	781.65	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
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
518	781.38	566,343.96	817,829.40	BOC	187+42.42	39.16' RT
519	781.45	566,353.62	817,840.82	BOC	187+53.78	29.41' RT

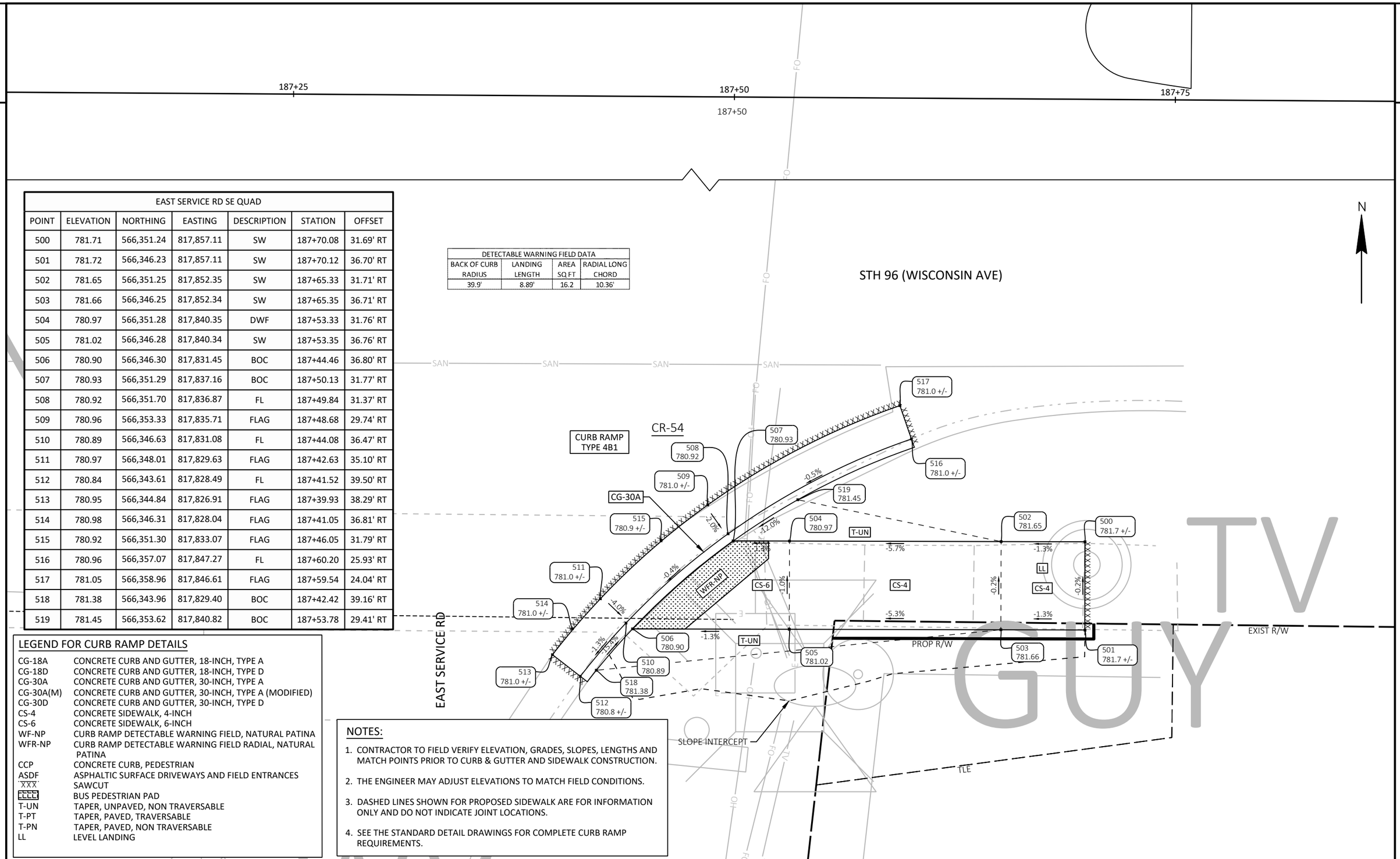
DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
39.9'	8.89'	16.2	10.36'

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

NOTES:

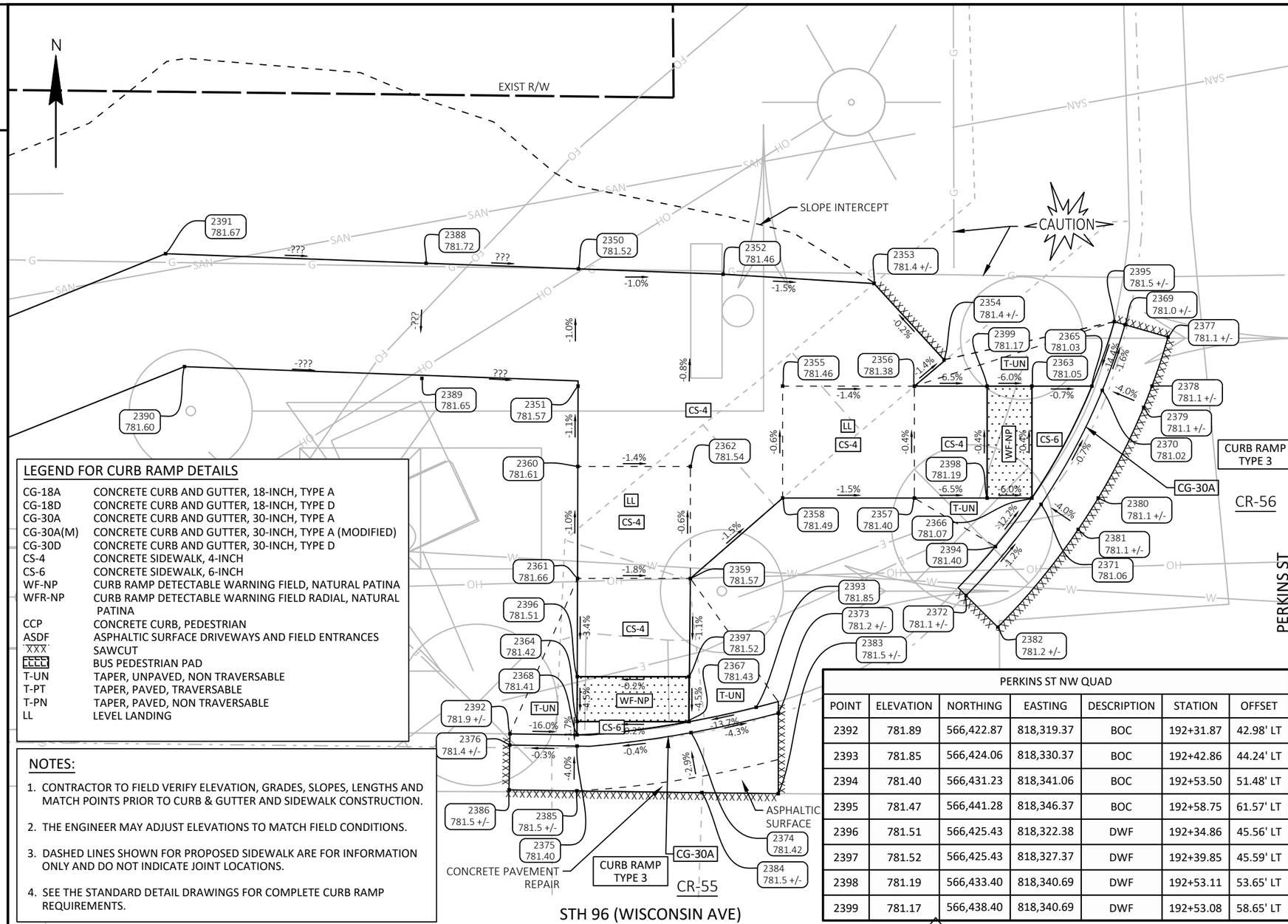
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.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



GUY TV

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 98	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021344-cr
PLOT DATE : 5/22/2025 2:01 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

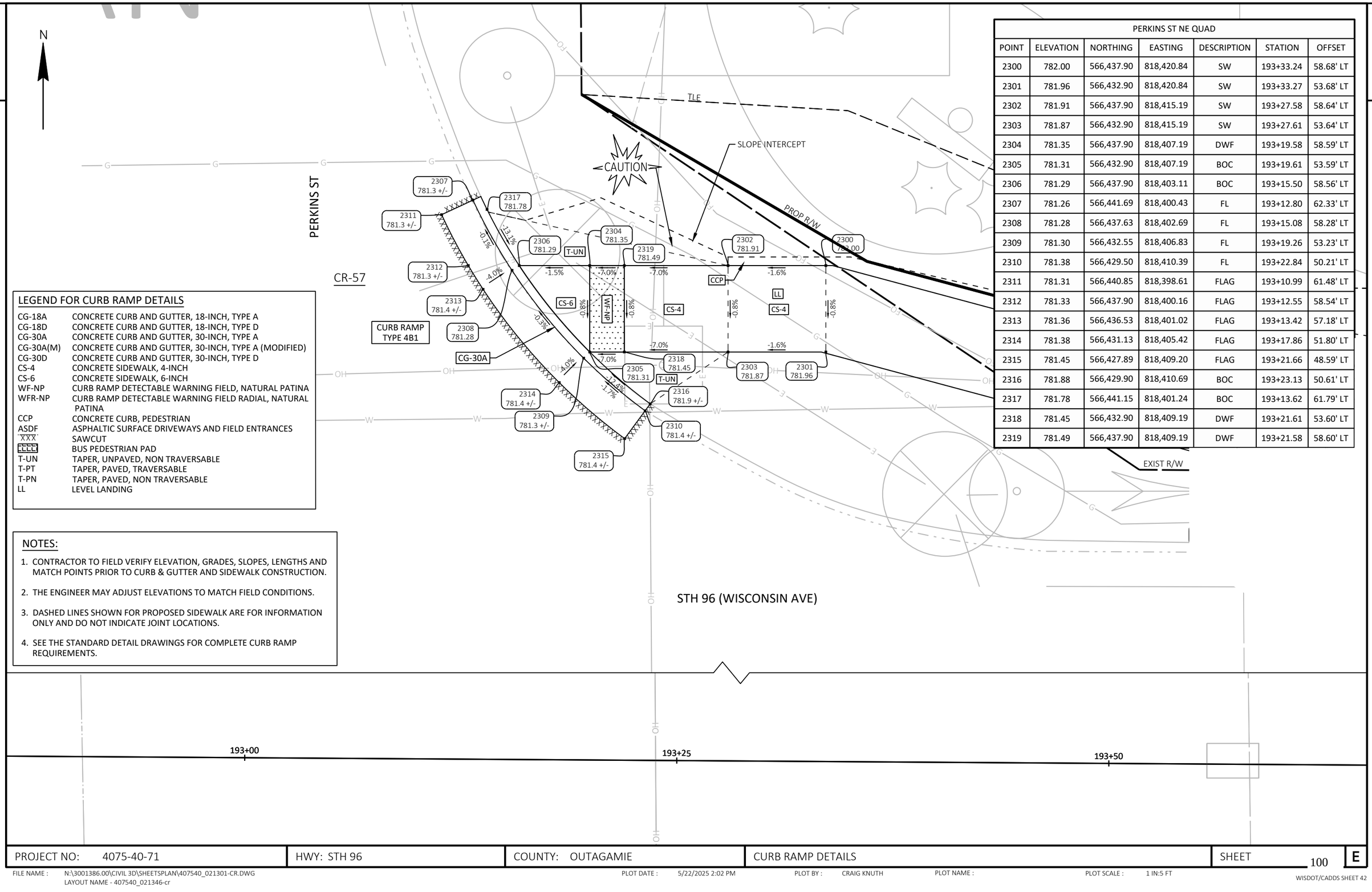
PERKINS ST NW QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2392	781.89	566,422.87	818,319.37	BOC	192+31.87	42.98' LT
2393	781.85	566,424.06	818,330.37	BOC	192+42.86	44.24' LT
2394	781.40	566,431.23	818,341.06	BOC	192+53.50	51.48' LT
2395	781.47	566,441.28	818,346.37	BOC	192+58.75	61.57' LT
2396	781.51	566,425.43	818,322.38	DWF	192+34.86	45.56' LT
2397	781.52	566,425.43	818,327.37	DWF	192+39.85	45.59' LT
2398	781.19	566,433.40	818,340.69	DWF	192+53.11	53.65' LT
2399	781.17	566,438.40	818,340.69	DWF	192+53.08	58.65' LT

PERKINS ST NW QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2350	781.52	566,443.64	818,322.43	SW	192+34.79	63.77' 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+41.26	63.57' 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	781.40	566,433.40	818,337.44	SW	192+49.87	53.63' LT
2358	781.49	566,433.40	818,331.56	SW	192+43.98	53.59' LT
2359	781.57	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	781.05	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+27.98	63.97' LT
2389	781.65	566,438.75	818,315.44	SW	192+27.83	58.83' LT
2390	781.60	566,439.27	818,304.83	SW	192+17.22	59.28' LT
2391	781.67	566,444.32	818,303.98	SW	192+16.34	64.33' LT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 99	E



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
2316	781.88	566,429.90	818,410.69	BOC	193+23.13	50.61' LT
2317	781.78	566,441.15	818,401.24	BOC	193+13.62	61.79' LT
2318	781.45	566,432.90	818,409.19	DWF	193+21.61	53.60' LT
2319	781.49	566,437.90	818,409.19	DWF	193+21.58	58.60' LT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
´XXX´	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

NOTES:

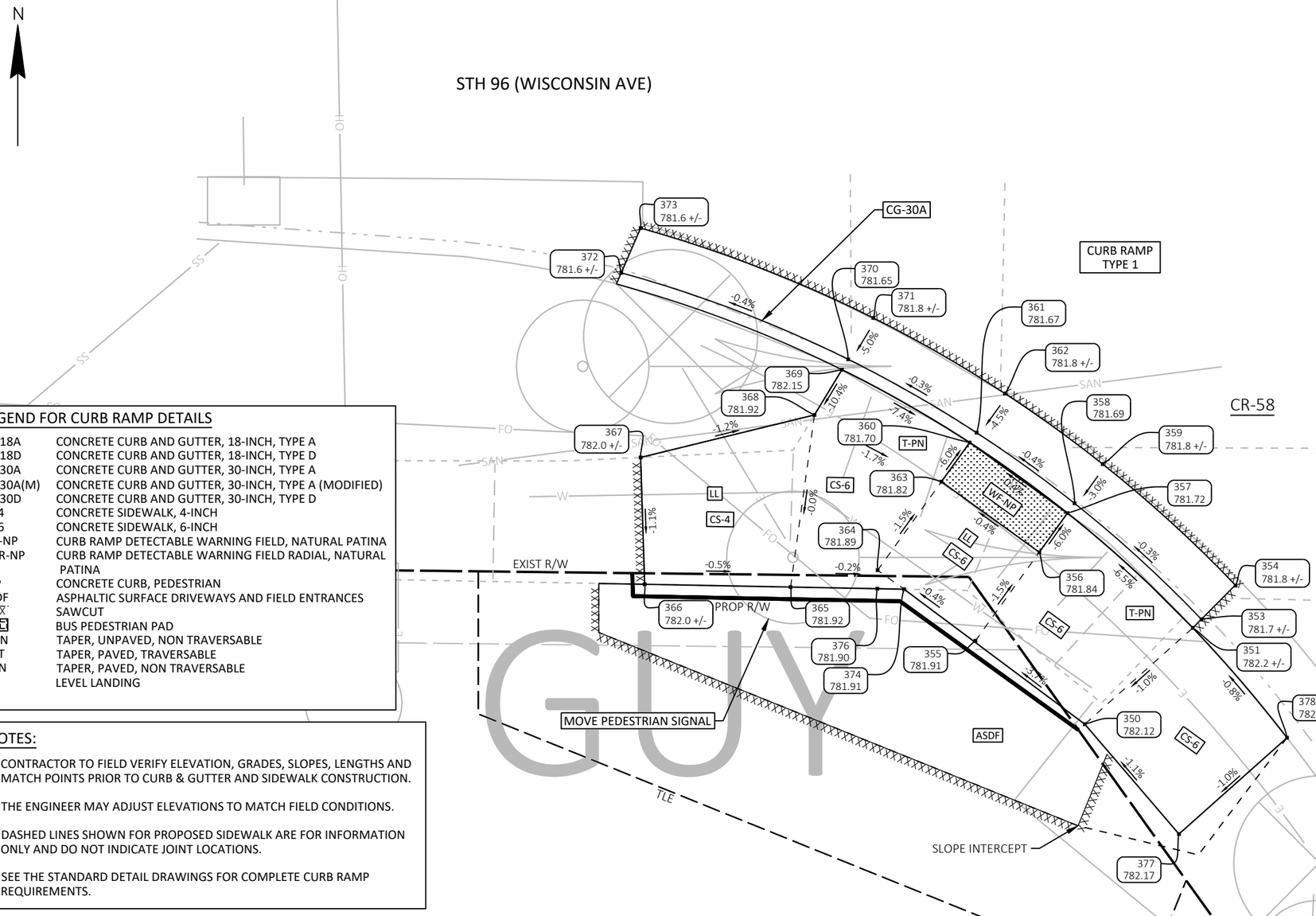
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB & GUTTER AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO MATCH FIELD CONDITIONS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.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

192+00 192+25 192+50 192+7

N

STH 96 (WISCONSIN AVE)



PERKINS ST SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
350	782.12	566,335.19	818,330.56	SW	192+43.63	44.62' RT
351	782.18	566,339.19	818,335.04	BOC	192+48.08	40.60' 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	781.84	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	781.82	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	781.92	566,348.01	818,319.35	SW	192+32.34	31.88' RT
369	782.15	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
376	781.90	566,340.81	818,321.95	SW	192+34.99	39.06' RT
377	782.17	566,330.64	818,334.47	SW	192+47.57	49.15' RT
378	782.23	566,334.63	818,338.94	BOC	192+52.02	45.13' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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 101	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021347-cr
PLOT DATE : 5/22/2025 2:02 PM
PLOT BY : CRAIG KNUTH
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

2

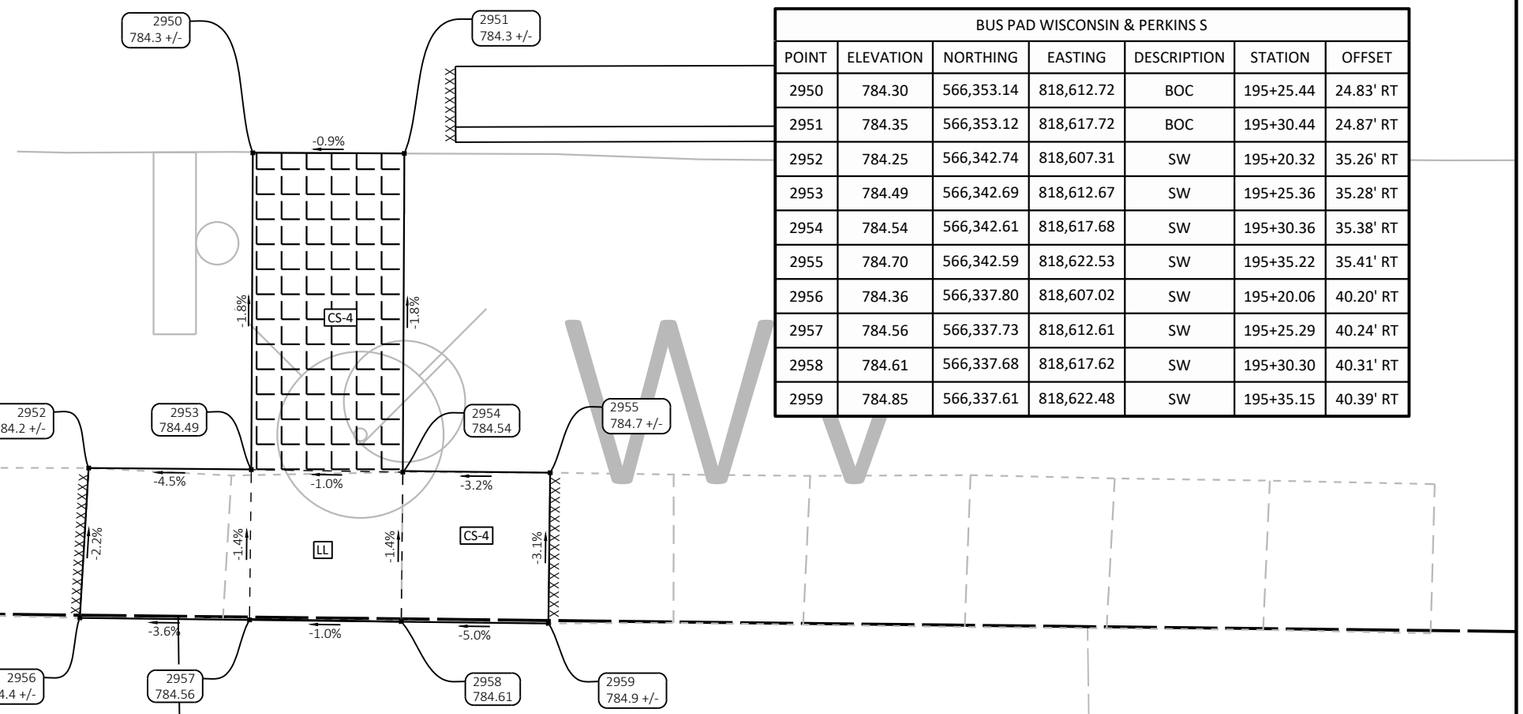
PI: 195+24.22

195+00

195+25

195+50

N



BUS PAD WISCONSIN & PERKINS S						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2950	784.30	566,353.14	818,612.72	BOC	195+25.44	24.83' RT
2951	784.35	566,353.12	818,617.72	BOC	195+30.44	24.87' RT
2952	784.25	566,342.74	818,607.31	SW	195+20.32	35.26' RT
2953	784.49	566,342.69	818,612.67	SW	195+25.36	35.28' RT
2954	784.54	566,342.61	818,617.68	SW	195+30.36	35.38' RT
2955	784.70	566,342.59	818,622.53	SW	195+35.22	35.41' RT
2956	784.36	566,337.80	818,607.02	SW	195+20.06	40.20' RT
2957	784.56	566,337.73	818,612.61	SW	195+25.29	40.24' RT
2958	784.61	566,337.68	818,617.62	SW	195+30.30	40.31' RT
2959	784.85	566,337.61	818,622.48	SW	195+35.15	40.39' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

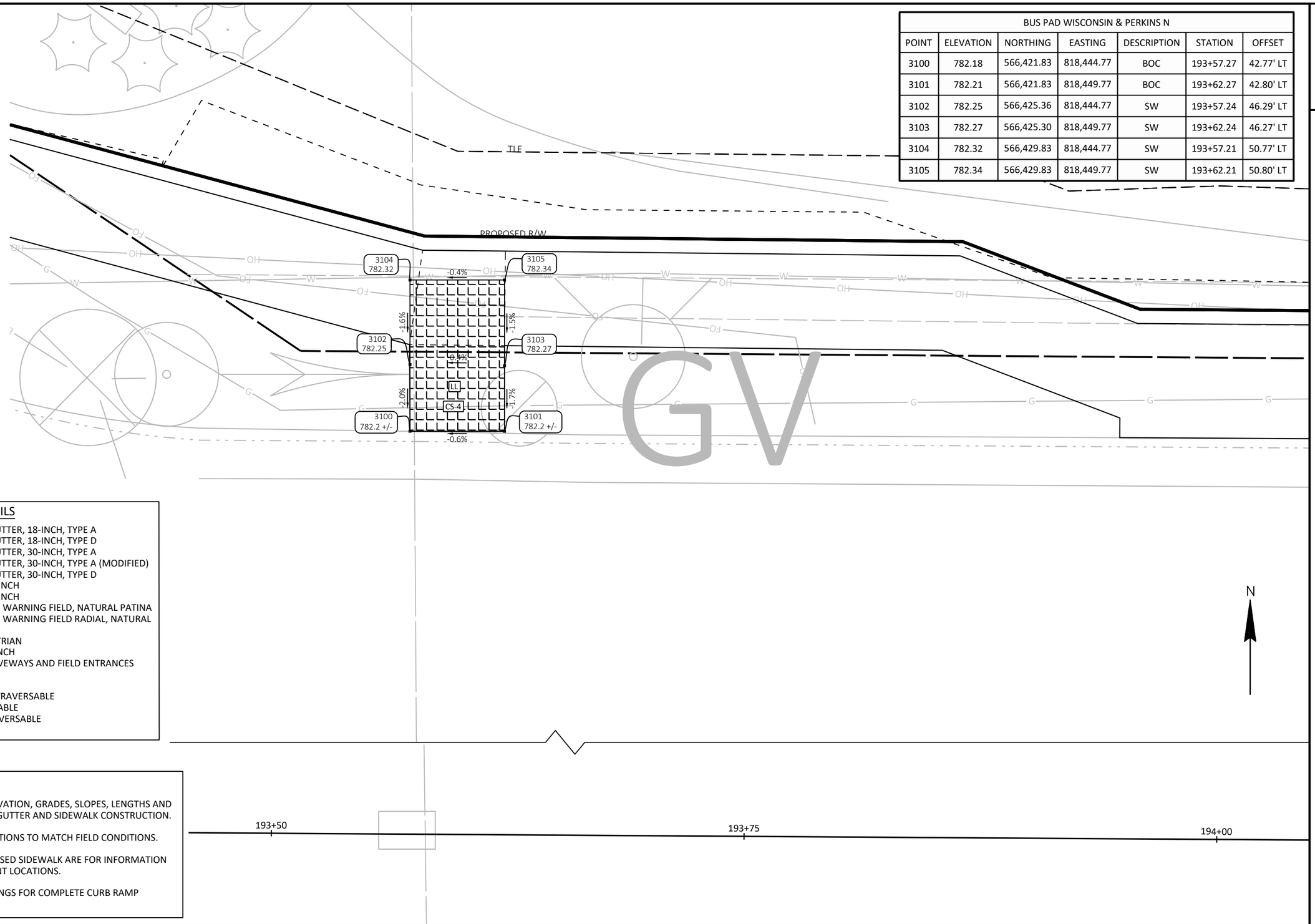
NOTES:

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.

PRELIMINARY NOT FOR CONSTRUCTION

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 102	E

BUS PAD WISCONSIN & PERKINS N						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
3100	782.18	566,421.83	818,444.77	BOC	193+57.27	42.77' LT
3101	782.21	566,421.83	818,449.77	BOC	193+62.27	42.80' LT
3102	782.25	566,425.36	818,444.77	SW	193+57.24	46.29' LT
3103	782.27	566,425.30	818,449.77	SW	193+62.24	46.27' LT
3104	782.32	566,429.83	818,444.77	SW	193+57.21	50.77' LT
3105	782.34	566,429.83	818,449.77	SW	193+62.21	50.80' LT



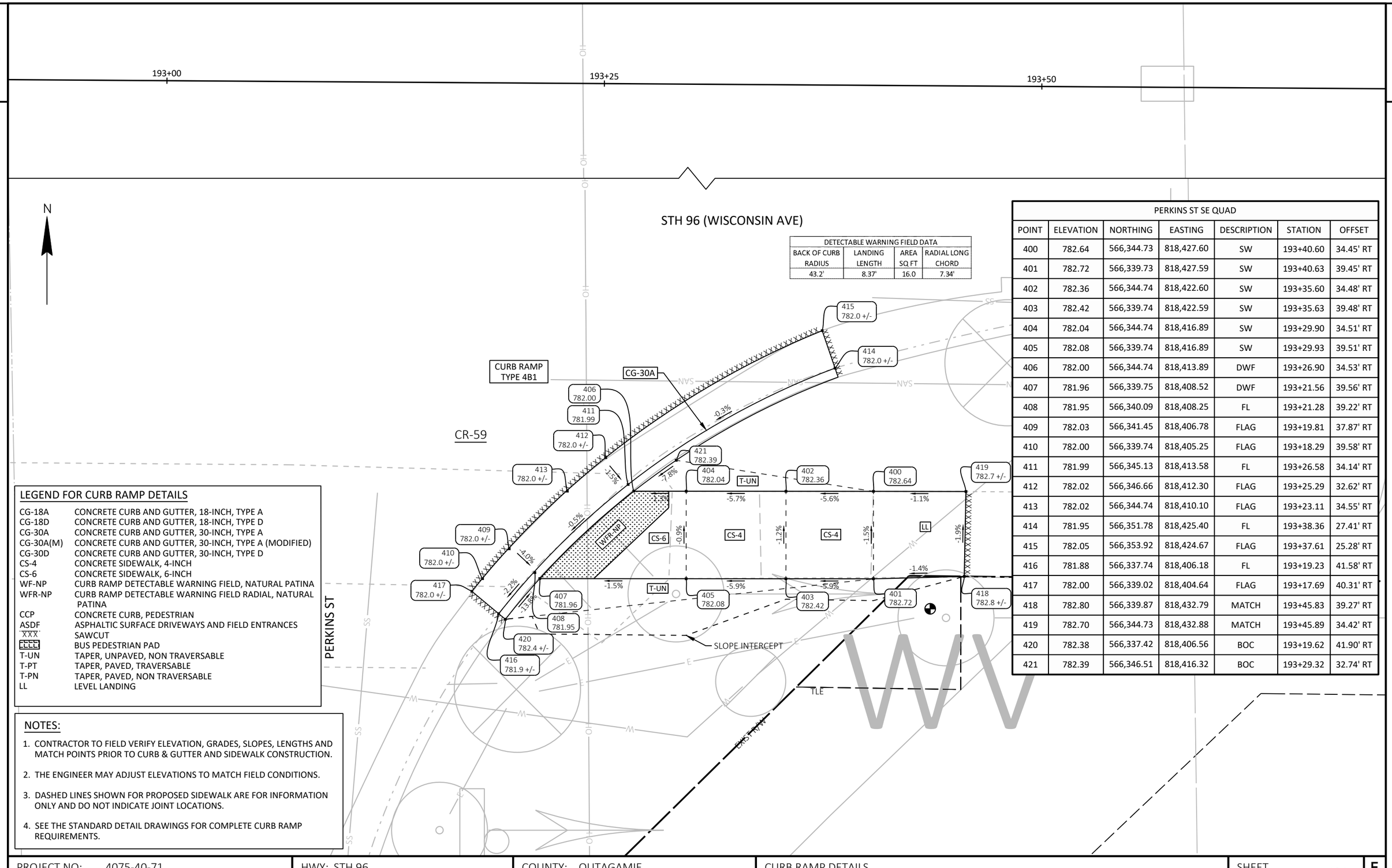
LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
AS-4	ASPHALTIC SURFACE, 4-INCH
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES SAWCUT
LLLL	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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 MAY NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

GV



DETECTABLE WARNING FIELD DATA

BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
43.2'	8.37'	16.0	7.34'

PERKINS ST SE QUAD

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
400	782.64	566,344.73	818,427.60	SW	193+40.60	34.45' RT
401	782.72	566,339.73	818,427.59	SW	193+40.63	39.45' RT
402	782.36	566,344.74	818,422.60	SW	193+35.60	34.48' RT
403	782.42	566,339.74	818,422.59	SW	193+35.63	39.48' RT
404	782.04	566,344.74	818,416.89	SW	193+29.90	34.51' RT
405	782.08	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	818,408.52	DWF	193+21.56	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
418	782.80	566,339.87	818,432.79	MATCH	193+45.83	39.27' RT
419	782.70	566,344.73	818,432.88	MATCH	193+45.89	34.42' RT
420	782.38	566,337.42	818,406.56	BOC	193+19.62	41.90' RT
421	782.39	566,346.51	818,416.32	BOC	193+29.32	32.74' RT

LEGEND FOR CURB RAMP DETAILS

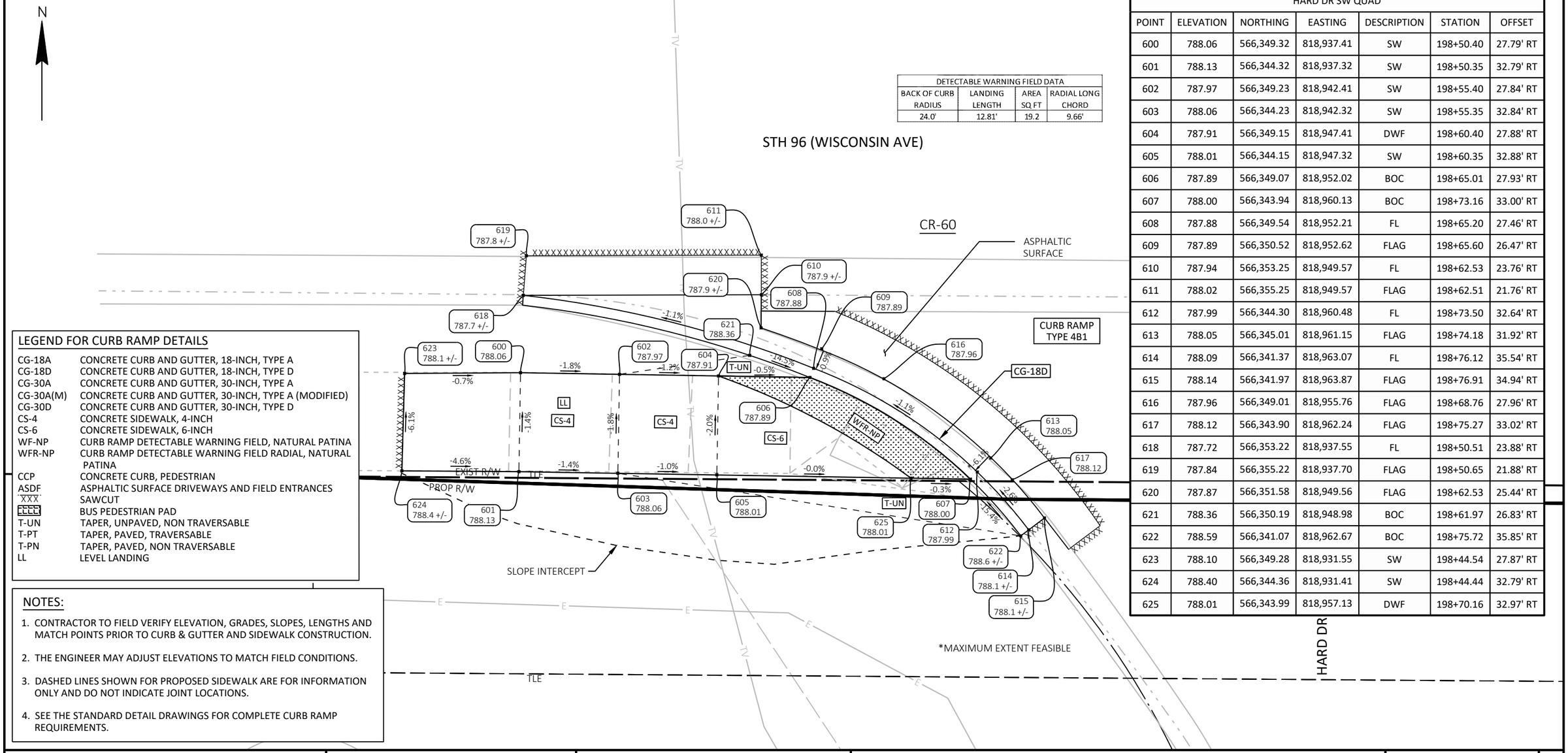
CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

2

198+25 198+50 198+75 199+00



DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
24.0'	12.81'	19.2	9.66'

HARD DR SW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
600	788.06	566,349.32	818,937.41	SW	198+50.40	27.79' RT
601	788.13	566,344.32	818,937.32	SW	198+50.35	32.79' RT
602	787.97	566,349.23	818,942.41	SW	198+55.40	27.84' RT
603	788.06	566,344.23	818,942.32	SW	198+55.35	32.84' RT
604	787.91	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	787.89	566,349.07	818,952.02	BOC	198+65.01	27.93' RT
607	788.00	566,343.94	818,960.13	BOC	198+73.16	33.00' RT
608	787.88	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	787.99	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
621	788.36	566,350.19	818,948.98	BOC	198+61.97	26.83' RT
622	788.59	566,341.07	818,962.67	BOC	198+75.72	35.85' RT
623	788.10	566,349.28	818,931.55	SW	198+44.54	27.87' RT
624	788.40	566,344.36	818,931.41	SW	198+44.44	32.79' RT
625	788.01	566,343.99	818,957.13	DWF	198+70.16	32.97' RT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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 105	E

2

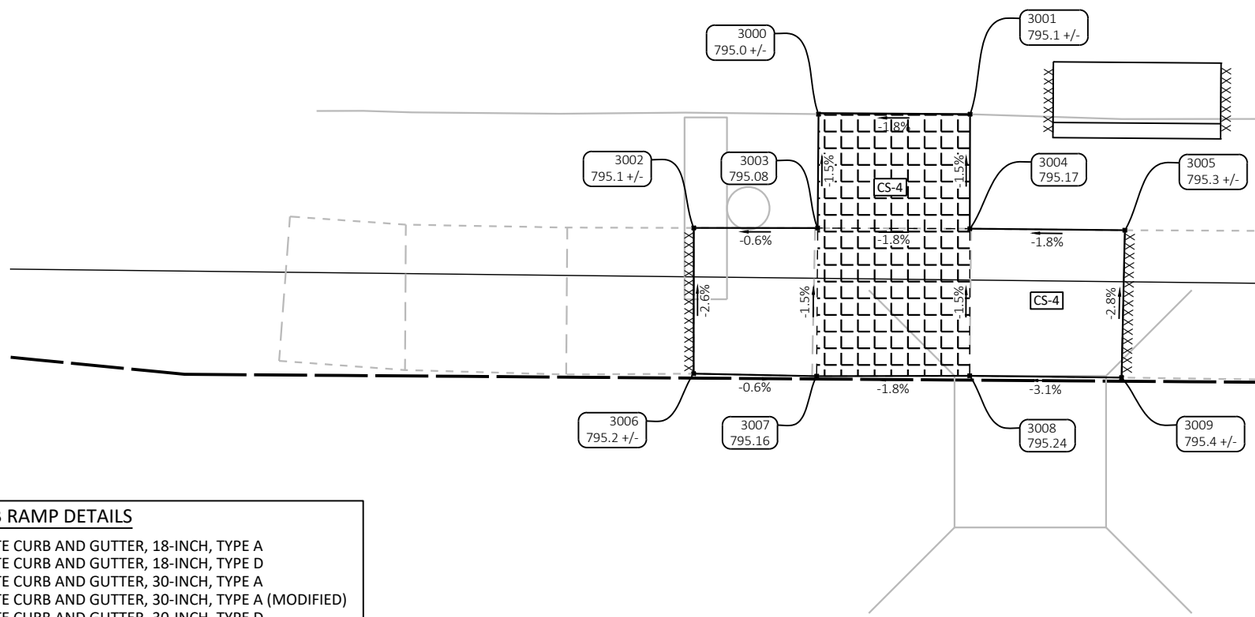
2

203+00

203+25

203+50

N



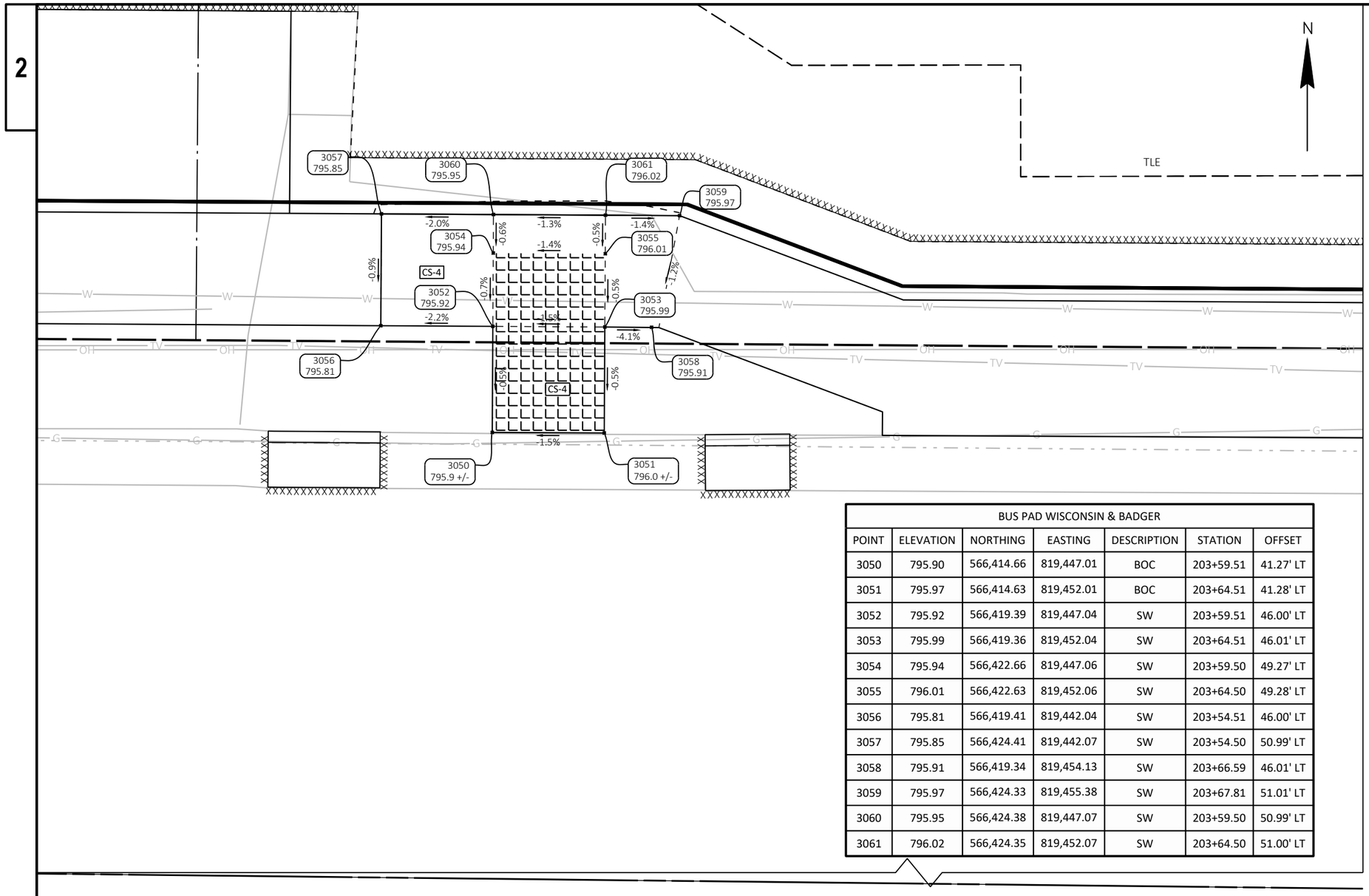
BUS PAD WISCONSIN & BADGER 806						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
3000	795.02	566,339.43	819,410.15	BOC	203+23.20	34.22' RT
3001	795.12	566,339.42	819,415.15	BOC	203+28.20	34.19' RT
3002	795.05	566,335.67	819,406.04	SW	203+19.11	38.01' RT
3003	795.08	566,335.67	819,410.12	SW	203+23.20	37.98' RT
3004	795.17	566,335.64	819,415.14	SW	203+28.22	37.97' RT
3005	795.26	566,335.60	819,420.26	SW	203+33.34	37.98' RT
3006	795.18	566,330.86	819,406.03	SW	203+19.15	42.82' RT
3007	795.16	566,330.78	819,410.09	SW	203+23.20	42.87' RT
3008	795.24	566,330.79	819,415.14	SW	203+28.25	42.82' RT
3009	795.40	566,330.73	819,420.15	SW	203+33.27	42.84' RT
3050	795.90	566,414.66	819,447.01	BOC	203+59.51	41.27' LT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
LLLL	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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. TLE
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.



BUS PAD WISCONSIN & BADGER						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
3050	795.90	566,414.66	819,447.01	BOC	203+59.51	41.27' LT
3051	795.97	566,414.63	819,452.01	BOC	203+64.51	41.28' LT
3052	795.92	566,419.39	819,447.04	SW	203+59.51	46.00' LT
3053	795.99	566,419.36	819,452.04	SW	203+64.51	46.01' LT
3054	795.94	566,422.66	819,447.06	SW	203+59.50	49.27' LT
3055	796.01	566,422.63	819,452.06	SW	203+64.50	49.28' LT
3056	795.81	566,419.41	819,442.04	SW	203+54.51	46.00' LT
3057	795.85	566,424.41	819,442.07	SW	203+54.50	50.99' LT
3058	795.91	566,419.34	819,454.13	SW	203+66.59	46.01' LT
3059	795.97	566,424.33	819,455.38	SW	203+67.81	51.01' LT
3060	795.95	566,424.38	819,447.07	SW	203+59.50	50.99' LT
3061	796.02	566,424.35	819,452.07	SW	203+64.50	51.00' LT

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
AS-4	ASPHALTIC SURFACE, 4-INCH
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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 MAY NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

2

199+00 199+25 199+50 199+75

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	789.24	566,348.54	819,037.10	DWF	199+50.09	27.83' RT
557	789.37	566,343.57	819,036.99	SW	199+50.02	32.80' RT
558	789.23	566,348.62	819,033.60	BOC	199+46.59	27.78' RT
559	789.36	566,343.80	819,025.60	BOC	199+38.63	32.66' RT
560	789.35	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	789.22	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
565	789.08	566,352.00	819,035.76	FL	199+48.72	24.39' RT
566	789.10	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

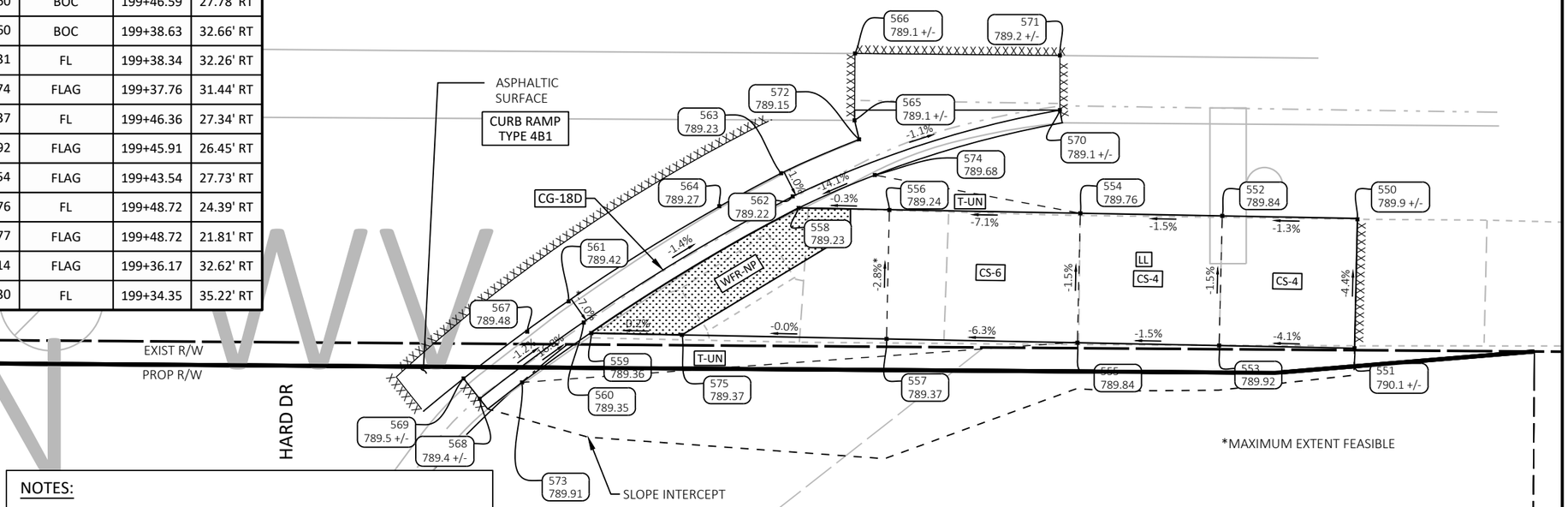
HARD DR SE QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
569	789.48	566,342.05	819,020.68	FLAG	199+33.73	34.44' RT
570	789.10	566,352.39	819,043.67	FL	199+56.64	23.94' RT
571	789.24	566,354.50	819,043.67	FLAG	199+56.62	21.83' RT
572	789.15	566,351.26	819,035.93	FLAG	199+48.91	25.12' RT
573	789.91	566,341.90	819,022.94	BOC	199+35.98	34.58' RT
574	789.68	566,349.89	819,036.54	BOC	199+49.52	26.49' RT
575	789.37	566,343.73	819,029.10	DWF	199+42.13	32.71' RT

DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
73.9'	11.43'	18.5	9.38'

N

STH 96 (WISCONSIN AVE)

CR-61



*MAXIMUM EXTENT FEASIBLE

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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.

WWW

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 108	E

2

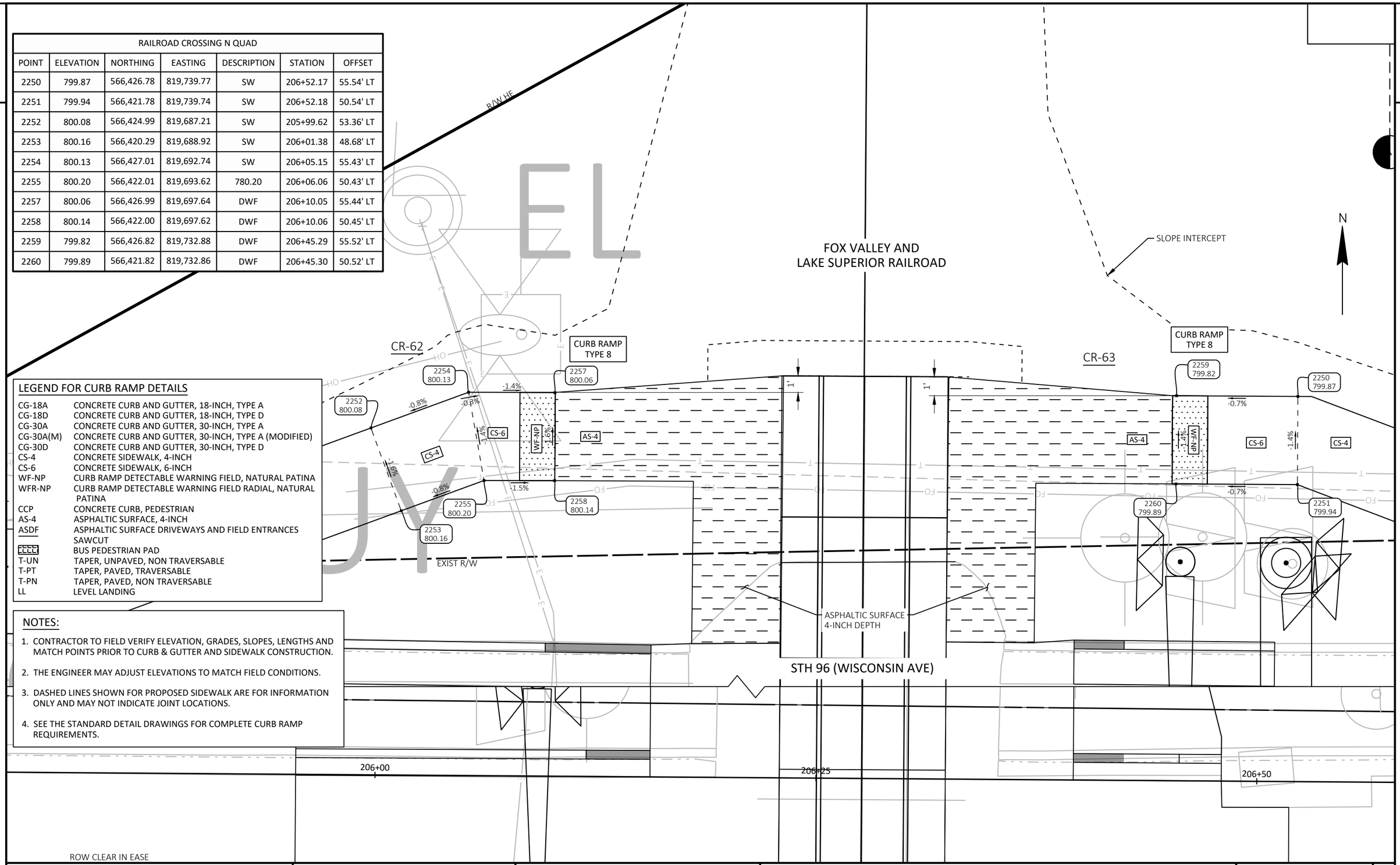
RAILROAD CROSSING N QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2250	799.87	566,426.78	819,739.77	SW	206+52.17	55.54' LT
2251	799.94	566,421.78	819,739.74	SW	206+52.18	50.54' LT
2252	800.08	566,424.99	819,687.21	SW	205+99.62	53.36' LT
2253	800.16	566,420.29	819,688.92	SW	206+01.38	48.68' LT
2254	800.13	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	799.89	566,421.82	819,732.86	DWF	206+45.30	50.52' LT

LEGEND FOR CURB RAMP DETAILS

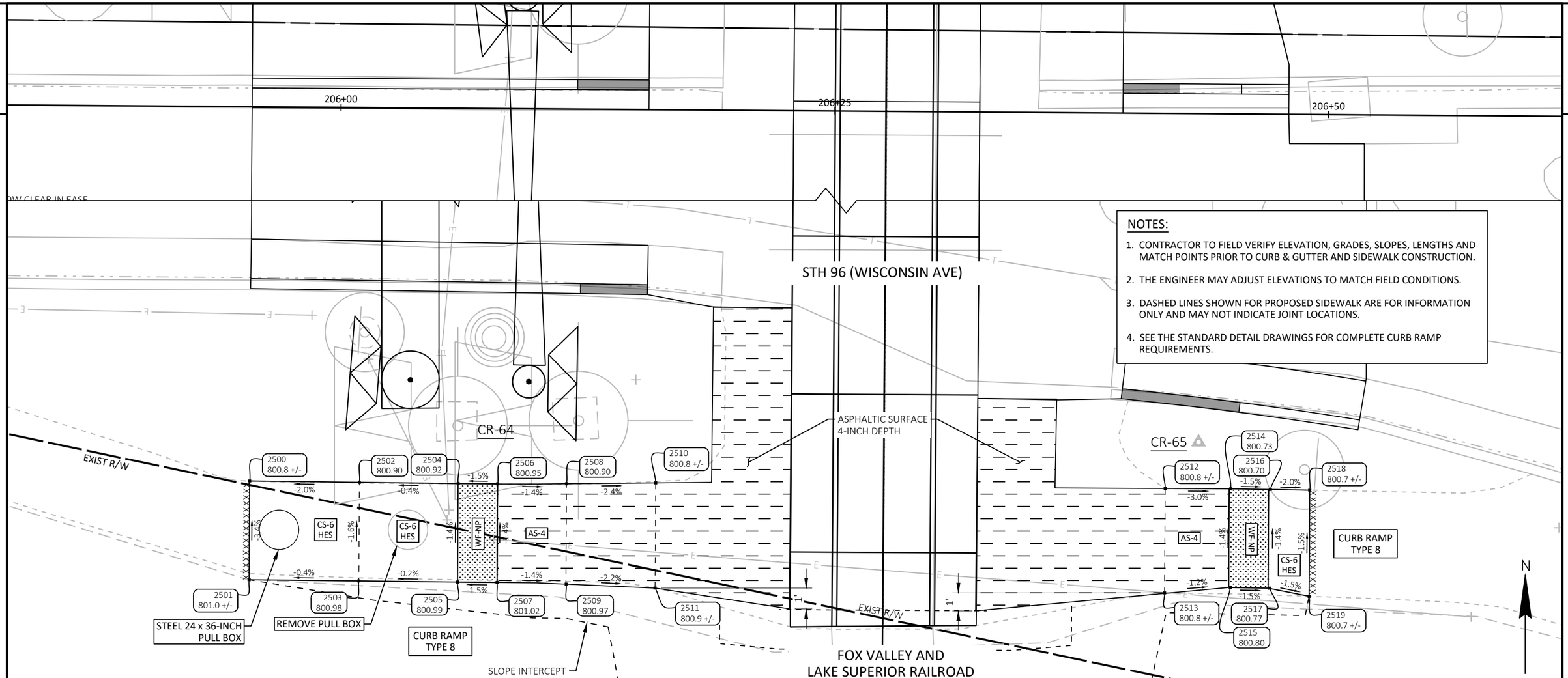
CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
AS-4	ASPHALTIC SURFACE, 4-INCH
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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 MAY 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 109	E



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 MAY NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

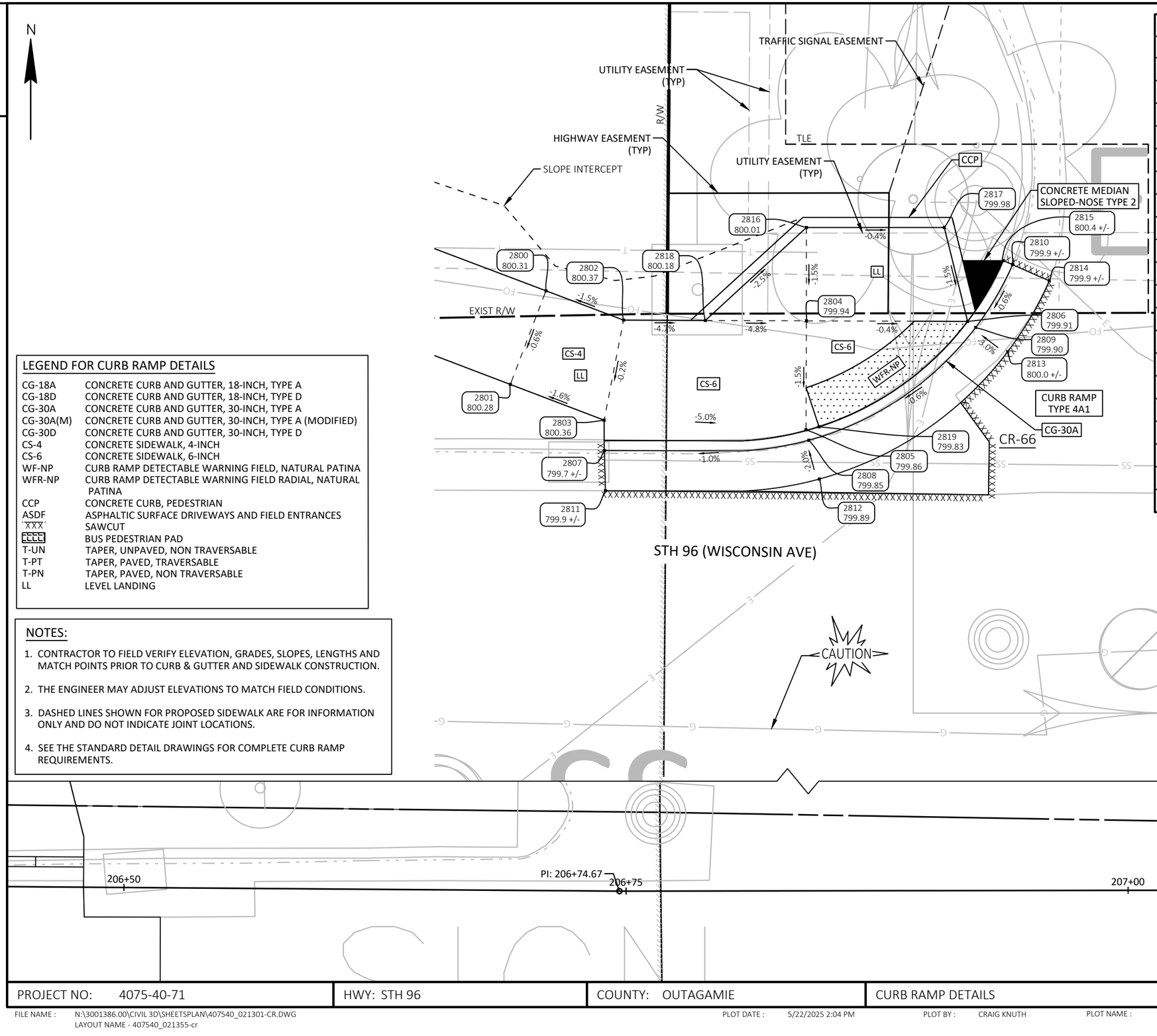
RAILROAD CROSSING S QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2500	800.79	566,327.54	819,682.38	SW	205+95.51	44.12' RT
2501	800.96	566,322.54	819,682.35	SW	205+95.52	49.12' RT
2502	800.90	566,327.48	819,687.93	SW	206+01.06	44.14' RT
2503	800.98	566,322.48	819,687.90	SW	206+01.07	49.14' RT
2504	800.92	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	800.95	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	800.90	566,327.40	819,698.42	SW	206+11.55	44.18' RT
2509	800.97	566,322.32	819,698.40	SW	206+11.57	49.18' RT

RAILROAD CROSSING S QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2510	800.79	566,327.44	819,702.93	SW	206+16.06	44.00' RT
2511	800.87	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

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH (HES = HIGH EARLY STRENGTH)
CS-6	CONCRETE SIDEWALK, 6-INCH (HES = HIGH EARLY STRENGTH)
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
AS-4	ASPHALTIC SURFACE, 4-INCH
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS - CR-64 & CR-65	SHEET 110	E



MOTO MART NW QUAD						
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2800	800.31	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	800.37	566,418.64	819,762.04	SW	206+74.92	47.56' 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+84.02	47.51' 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
2815	800.43	566,421.60	819,780.95	BOC	206+93.84	50.49' LT
2816	800.01	566,423.25	819,771.14	SW	206+84.03	52.16' LT
2817	799.98	566,423.25	819,778.01	SW	206+90.90	52.15' LT
2818	800.18	566,418.63	819,766.11	SW	206+78.99	47.54' LT
2819	799.83	566,413.33	819,771.77	BOC	206+84.64	42.23' LT

DETECTABLE WARNING FIELD DATA			
BACK OF CURB RADIUS	LANDING LENGTH	AREA SQ FT	RADIAL LONG CHORD
15.1'	8.03'	16.0	9.23'

LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

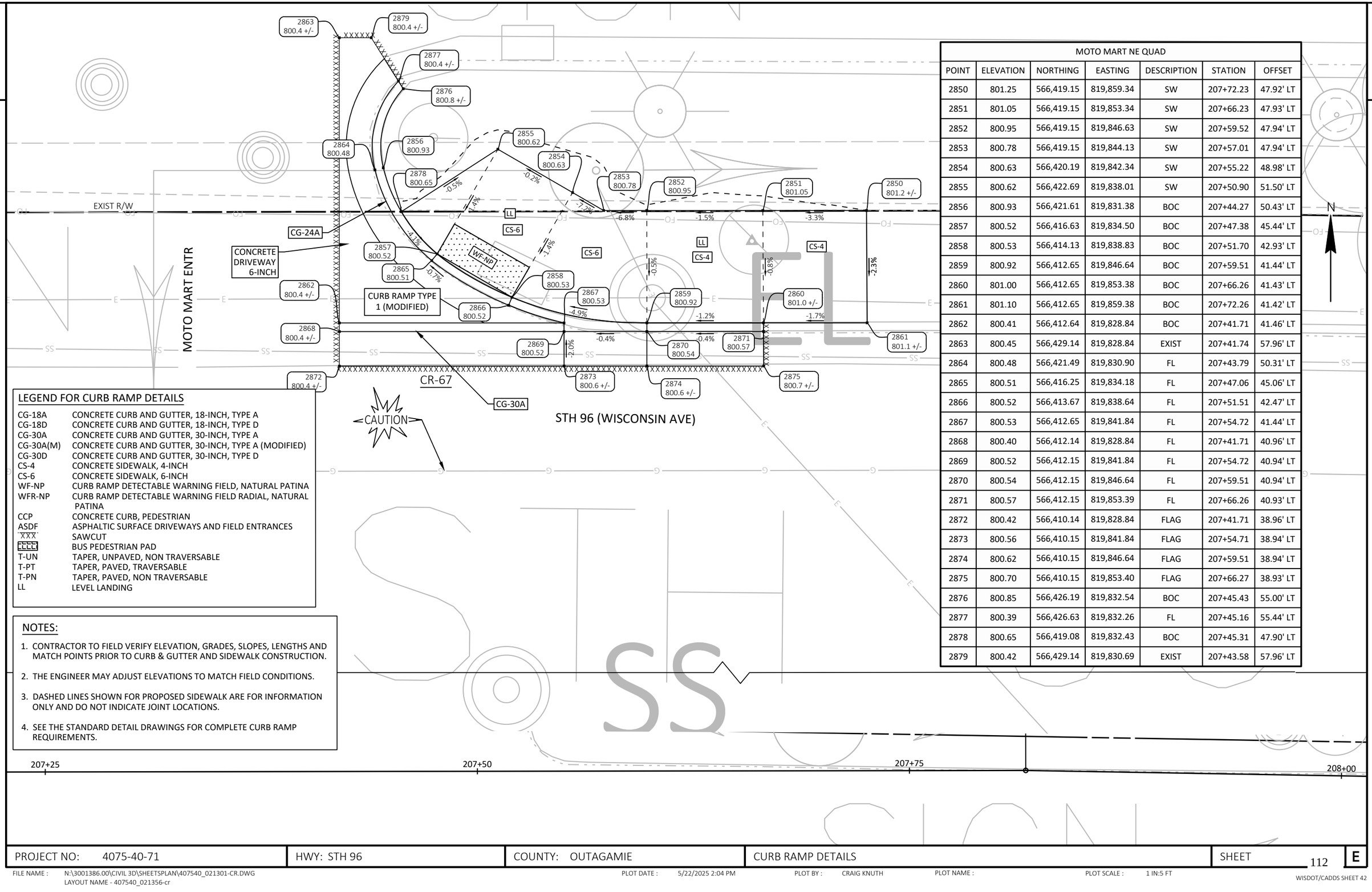
NOTES:

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.

GV

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 111	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021355-cr
PLOT DATE : 5/22/2025 2:04 PM
PLOT BY : CRAIG KNUTH
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



LEGEND FOR CURB RAMP DETAILS

CG-18A	CONCRETE CURB AND GUTTER, 18-INCH, TYPE A
CG-18D	CONCRETE CURB AND GUTTER, 18-INCH, TYPE D
CG-30A	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A
CG-30A(M)	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A (MODIFIED)
CG-30D	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D
CS-4	CONCRETE SIDEWALK, 4-INCH
CS-6	CONCRETE SIDEWALK, 6-INCH
WF-NP	CURB RAMP DETECTABLE WARNING FIELD, NATURAL PATINA
WFR-NP	CURB RAMP DETECTABLE WARNING FIELD RADIAL, NATURAL PATINA
CCP	CONCRETE CURB, PEDESTRIAN
ASDF	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
XXX	SAWCUT
	BUS PEDESTRIAN PAD
T-UN	TAPER, UNPAVED, NON TRAVERSABLE
T-PT	TAPER, PAVED, TRAVERSABLE
T-PN	TAPER, PAVED, NON TRAVERSABLE
LL	LEVEL LANDING

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	800.78	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	566,421.61	819,831.38	BOC	207+44.27	50.43' 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	800.41	566,412.64	819,828.84	BOC	207+41.71	41.46' LT
2863	800.45	566,429.14	819,828.84	EXIST	207+41.74	57.96' LT
2864	800.48	566,421.49	819,830.90	FL	207+43.79	50.31' 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	800.40	566,412.14	819,828.84	FL	207+41.71	40.96' LT
2869	800.52	566,412.15	819,841.84	FL	207+54.72	40.94' LT
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	800.42	566,410.14	819,828.84	FLAG	207+41.71	38.96' 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	800.85	566,426.19	819,832.54	BOC	207+45.43	55.00' LT
2877	800.39	566,426.63	819,832.26	FL	207+45.16	55.44' LT
2878	800.65	566,419.08	819,832.43	BOC	207+45.31	47.90' LT
2879	800.42	566,429.14	819,830.69	EXIST	207+43.58	57.96' LT

SAMPLE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 112	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_021301-CR.DWG
LAYOUT NAME - 407540_021356-cr
PLOT DATE : 5/22/2025 2:04 PM
PLOT BY : CRAIG KNUTH
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- SALVAGED 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

WETLAND BOUNDARY

N CASALOMA DR

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

STH 96

EXIST R/W

SLOPE INTERCEPT (TYP.)

WETLAND BOUNDARY

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

N

CTH GV

MATCH LIN

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

STH 96

EXIST R/W

TLE

WETLAND BOUNDARY

TLE

FOX RIVER MALL

EXIST R/W

TLE

LINE 106+75

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 113	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022001-EC.DWG
LAYOUT NAME - 022001-ec

PLOT DATE : 5/21/2025 4:22 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

N

EROSION CONTROL LEGEND

- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- SALVAGED 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

MATCH LINE 113+50

STH 96

114+00 116+00 117+00 118+00

EXIST R/W

EXIST R/W

N COLORADO AVE

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

WETLAND BOUNDARY

SLOPE INTERCEPT (TYP.)

WETLAND BOUNDARY

I 41 SB OFF RAMP

SLOPE INTERCEPT (TYP.)

MATCH LINE 12

121+00 122+00 123+00 124+00 125+00 126+00 127

STH 96

EXIST R/W

EXIST R/W

WETLAND BOUNDARY

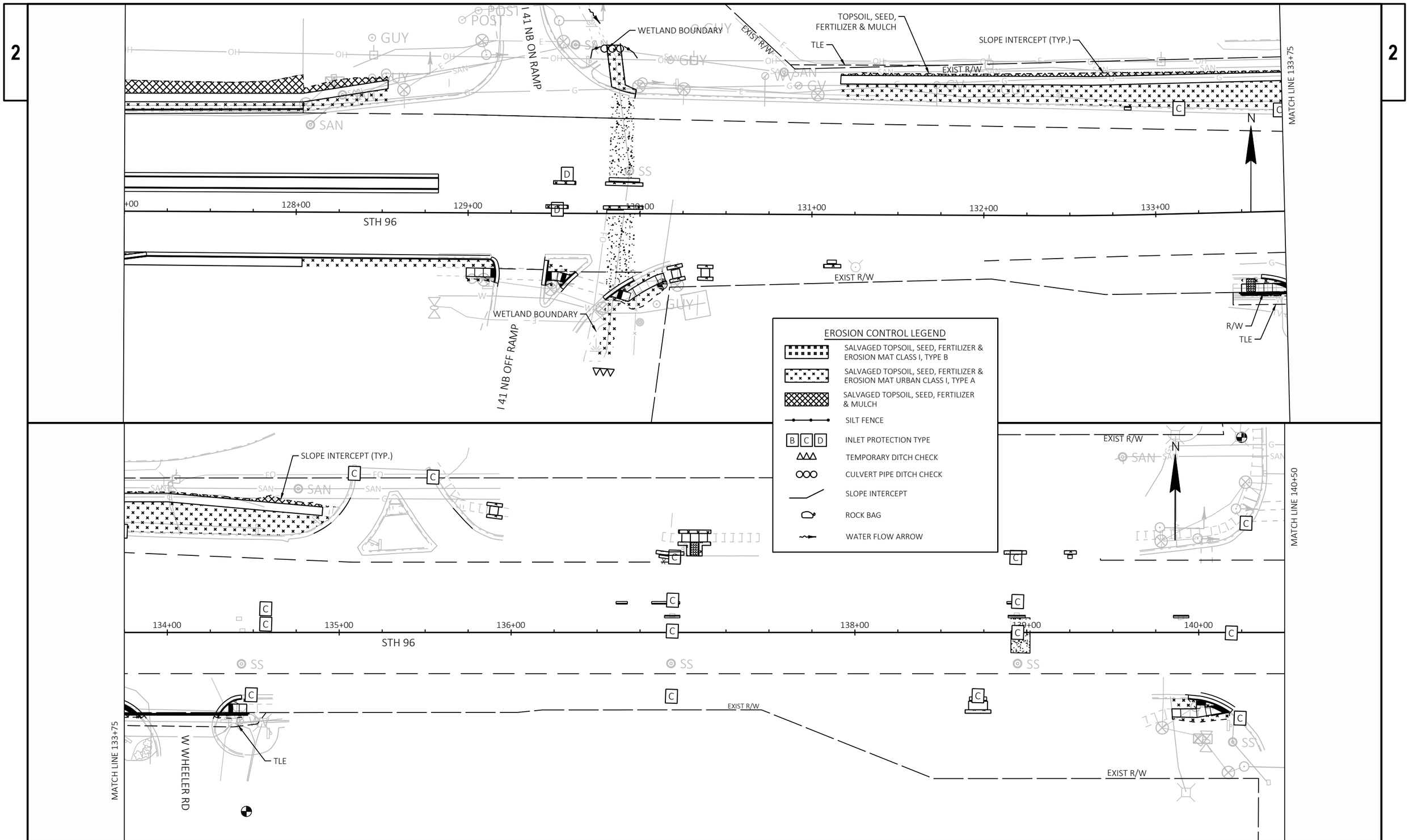
I 41 SB ON RAMP

MATCH LINE 120+25

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 114	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022001-EC.DWG
LAYOUT NAME - 022002-ec

PLOT DATE : 5/21/2025 4:22 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:50 FT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 115	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022001-EC.DWG
LAYOUT NAME - 022003-ec

PLOT DATE : 5/21/2025 4:22 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

EXIST R/W

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

STH 96

N WESTHILL BLVD

MATCH LINE 140+50

SLOPE INTERCEPT (TYP.)

N

EXIST R/W

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

STH 96

MATCH LINE 147+25

MATCH LINE 154+00

CTH AA

N BLUEMOUND DR

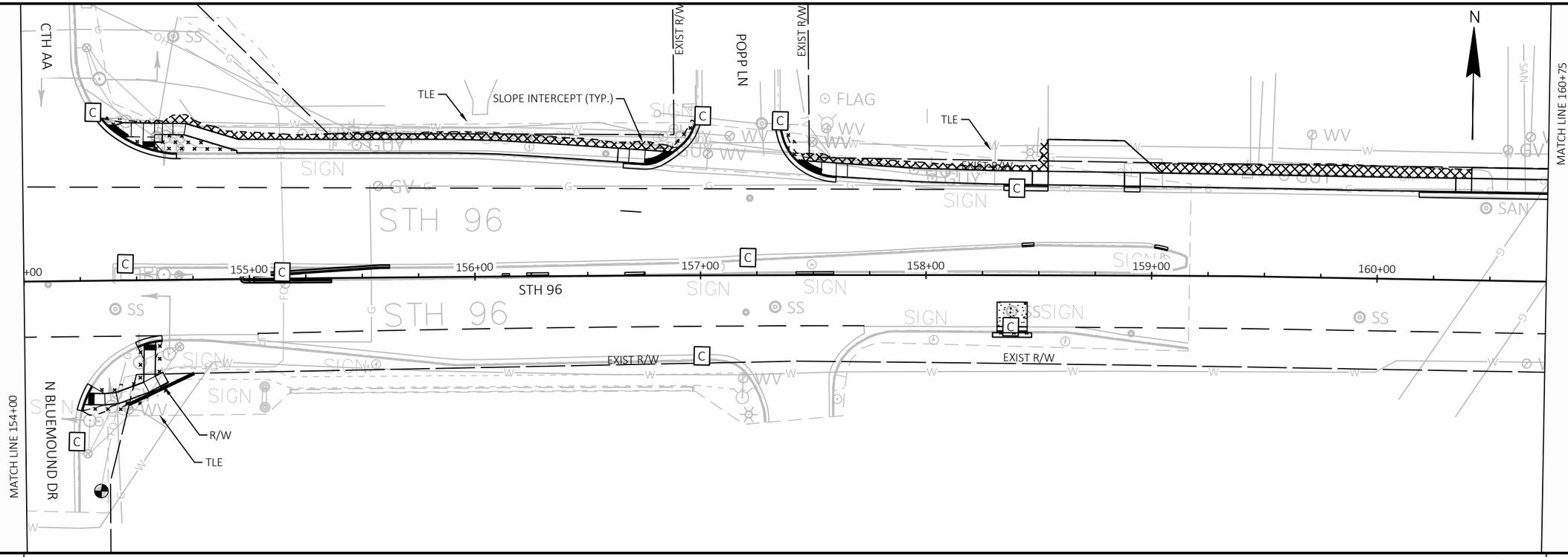
SLOPE INTERCEPT (TYP.)

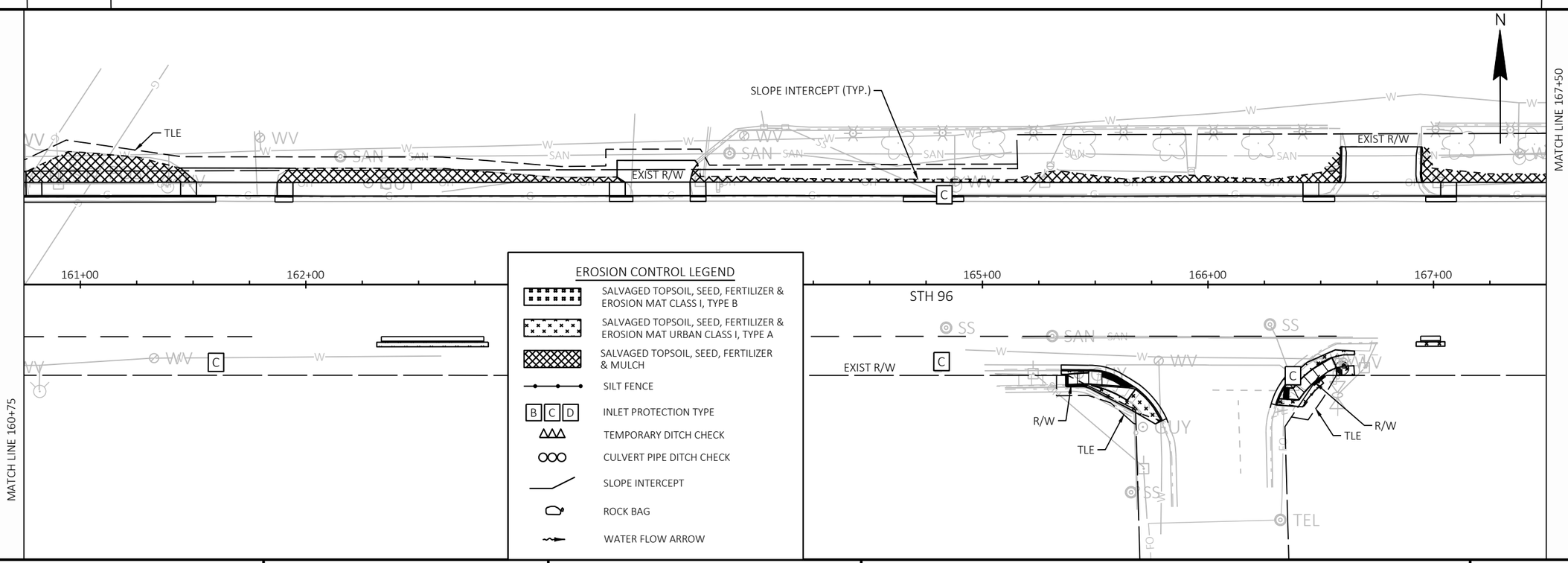
EXIST R/W

EROSION CONTROL LEGEND

- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- SALVAGED 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 116	E





EROSION CONTROL LEGEND

- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- SALVAGED 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 117	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022001-EC.DWG
LAYOUT NAME - 022005-ec

PLOT DATE : 5/21/2025 4:22 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

EXIST R/W

SLOPE INTERCEPT (TYP.)

TLE

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 167+50

EROSION CONTROL LEGEND

- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- SALVAGED 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

SLOPE INTERCEPT (TYP.)

EXIST R/W

N. LYNNDALE DR

MATCH LINE 181+00

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

STH 96

TLE

EXIST R/W

EXIST R/W

N. LYNNDALE DR

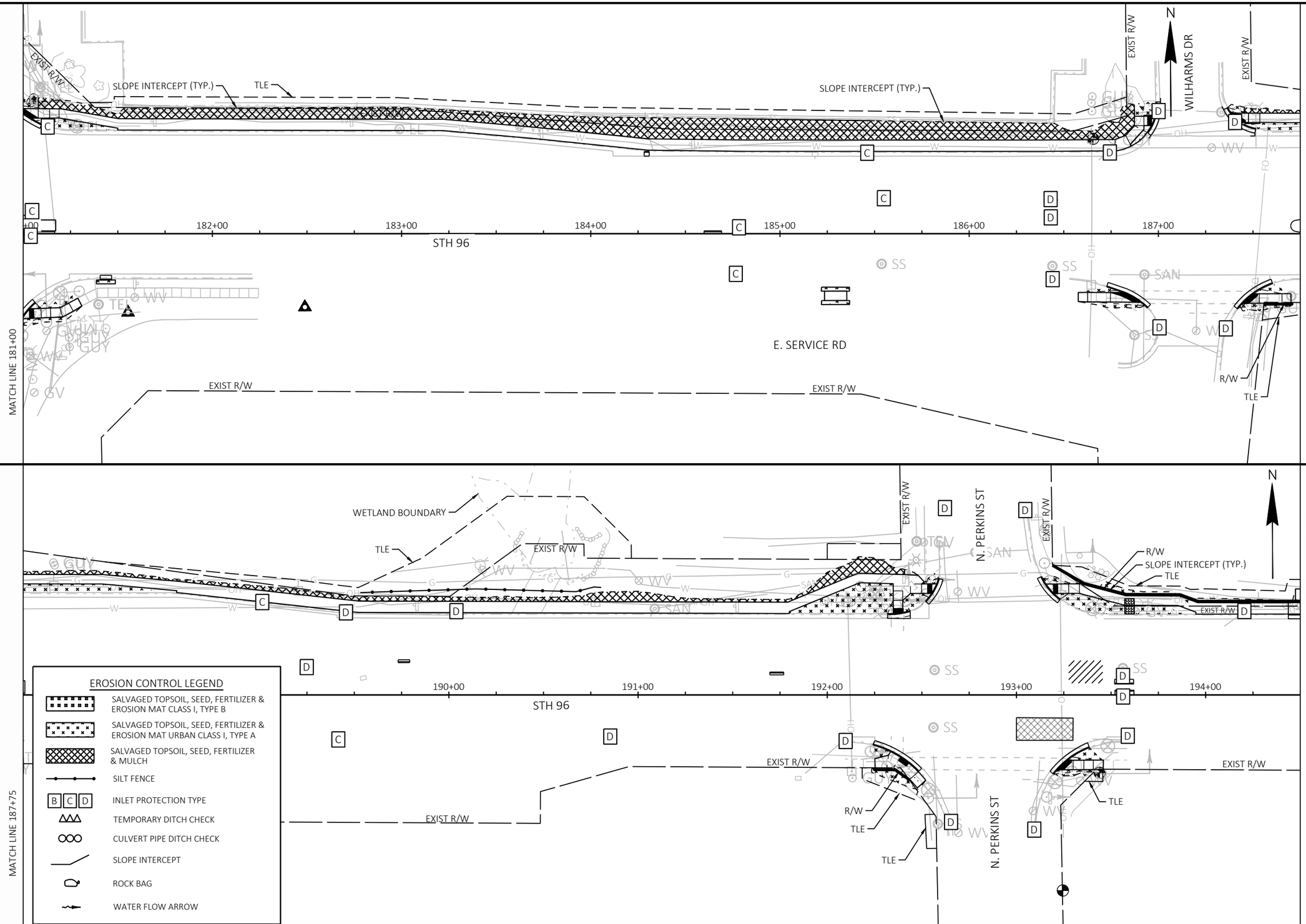
MATCH LINE 174+25

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 118	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022001-EC.DWG
LAYOUT NAME - 022006-ec

PLOT DATE : 5/21/2025 4:22 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



EROSION CONTROL LEGEND

- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- SALVAGED 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 119	E

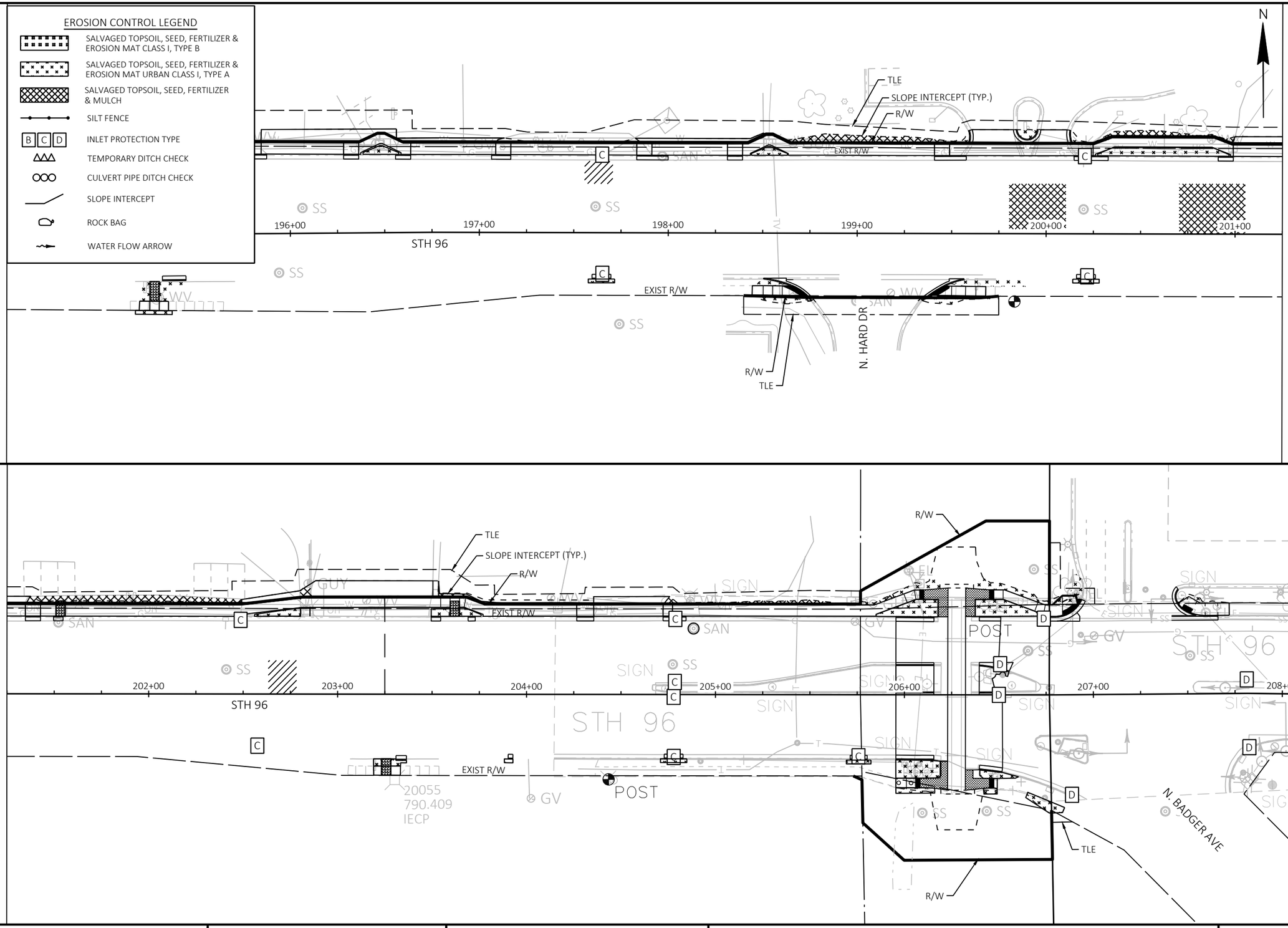
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022001-EC.DWG
LAYOUT NAME - 022007-ec

PLOT DATE : 5/21/2025 4:22 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

EROSION CONTROL LEGEND

- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED, FERTILIZER & EROSION MAT URBAN CLASS I, TYPE A
- SALVAGED 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



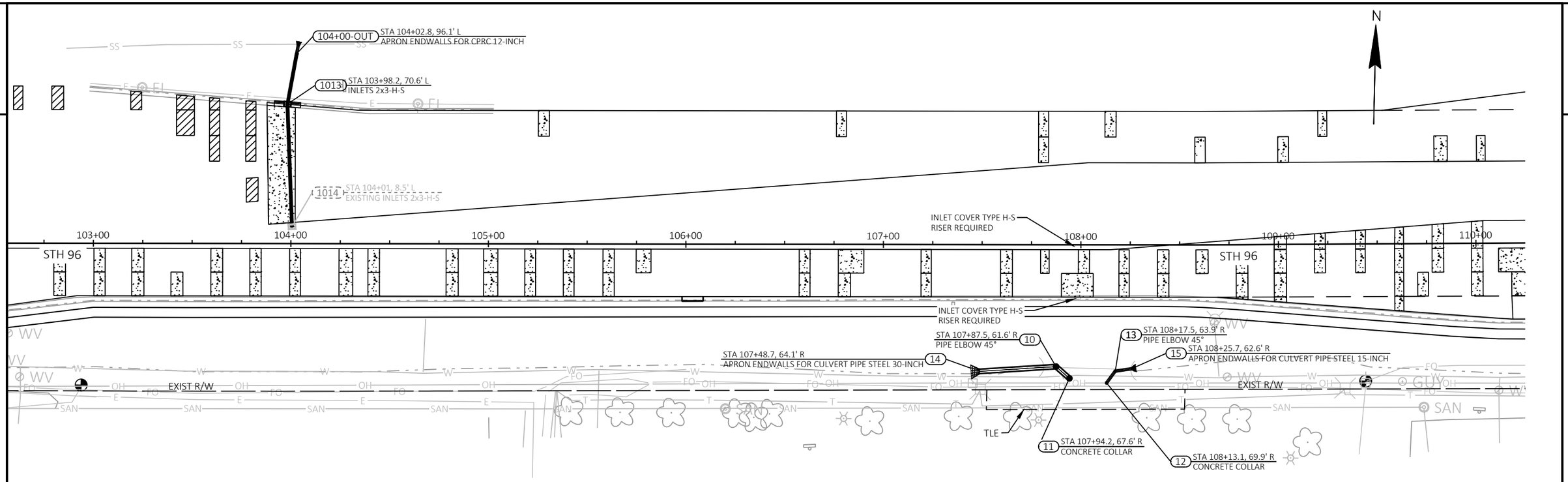
2

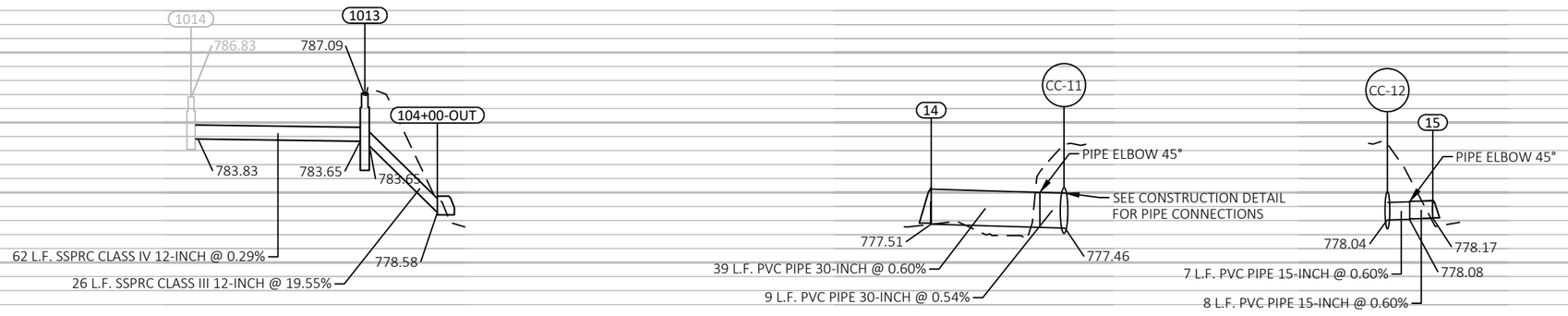
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 120	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022001-EC.DWG
LAYOUT NAME - 022008-ec

PLOT DATE : 5/21/2025 4:22 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44





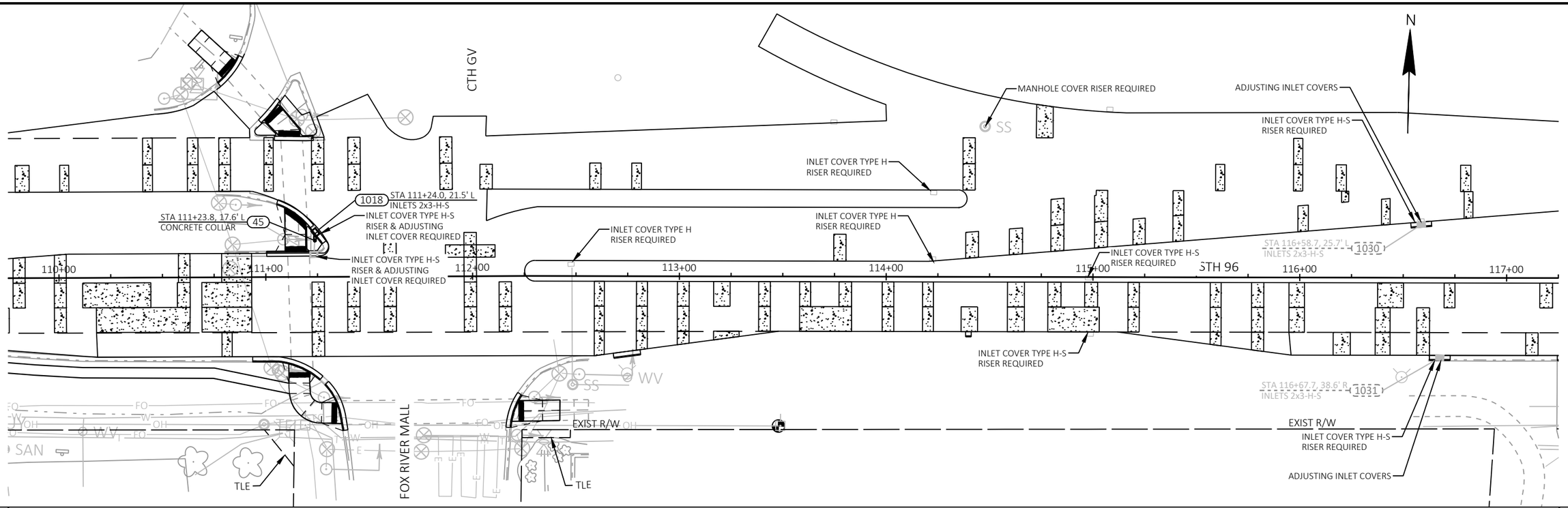
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 121 E

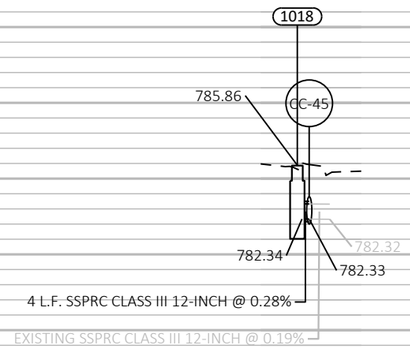
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022501-SS.DWG
LAYOUT NAME - 407540_022501-ss

PLOT DATE : 1/17/2025 11:25 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 41

2

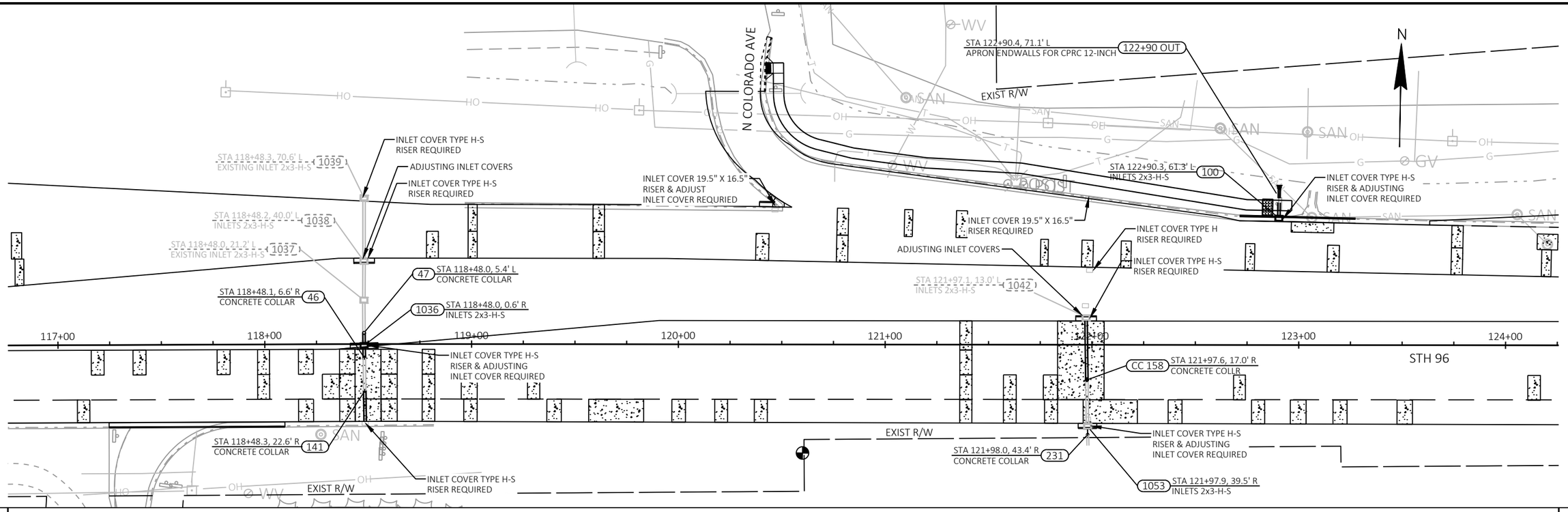


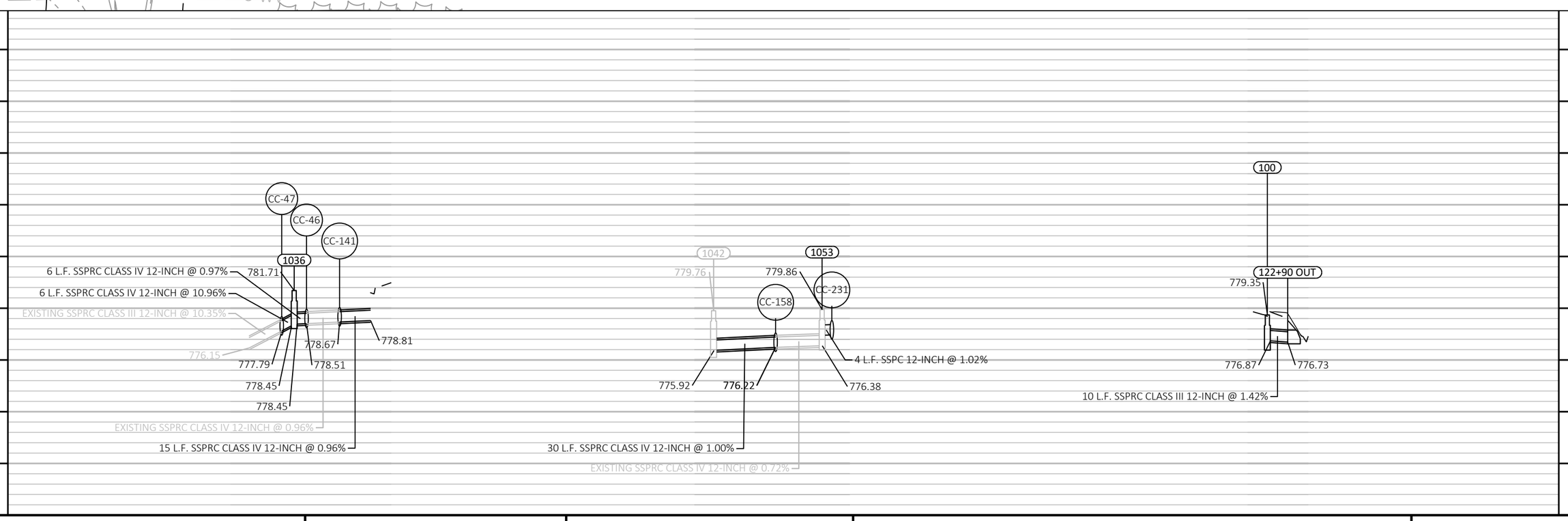


805
800
795
790
785
780
775
770
765
760

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 122	E

2





PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 123	E

2

I 41 SB OFF RAMP

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

1046 STA 126+20, 57.0' L INLETS 2x3-H-S

MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED

1047 STA 126+13, 37.6' L MANHOLES 7-J-S

1048 STA 126+45.3, 21.0' L INLETS 2x3-H-S

1050 STA 125+84.1, 14.3' L CATCH BASINS 2x3-H-S

INLET COVER TYPE H-S RISER REQUIRED

INLET COVER TYPE H RISER & ADJUST INLET COVER REQURIED

124+00 125+00 126+00 127+00 128+00 129+00 130+00 131+00

ADJUSTING INLET COVERS

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

142 STA 126+45.4, 15.4' L CONCRETE COLLAR

STH 96

STA 126+28.2, 36.3' R INLETS 2x3-H 101

1049 STA 126+45, 13.0' L INLETS 2x3-H

EXIST R/W

101.1 STA 126+28.6, 41.9' R CONCRETE COLLAR

I 41 NB ON RAMP

400.4 STA 129+84.6, 93.9' L END OF PIPE

EXIST R/W

TLE

STA 129+93.4, 24.8' L MANHOLES 6-J 400.1

MANHOLE COVER RISER

STA 129+85.5, 23.9' L CONCRETE COLLAR 400.3

INLET COVER TYPE H-S RISER REQUIRED

INLET COVER TYPE H RISER REQUIRED

EXIST

I 41 NB OFF RAMP

400.2 STA 129+81.4, 73.0' R APRON ENDWALLS FOR CPRCHE 19x30-INCH

805 800 795 790 785 780 775 770 765 760

CC-142

1050 1047 1046

777.61 778.23 778.00 775.19 773.03 773.09 773.03

21 L.F. SSPRC CLASS III 12-INCH @ 0.29%

EXISTING SSPRC CLASS III 12-INCH @ 5.77%

1049 1048 1047

778.35 778.06 778.23 775.93 775.80 775.64 773.14 773.03

EXISTING SSPRC CLASS III 12-INCH @ 0.30%

36 L.F. SSPRC CLASS III 12-INCH @ 0.30%

6 L.F. SSPRC CLASS III 12-INCH @ 2.78%

EXISTING SSPRC CLASS III 12-INCH @ 5.50%

101.1 101 778.06 775.16 775.20

6 L.F. SSPRC CLASS IV 12-INCH @ 0.71%

33 400.1 400.3 780.63 776.98 776.26 776.07

8 L.F. SSPRC CLASS IV 12-INCH @ 2.43%

400.1 400.2 776.00 775.75 775.75 775.40

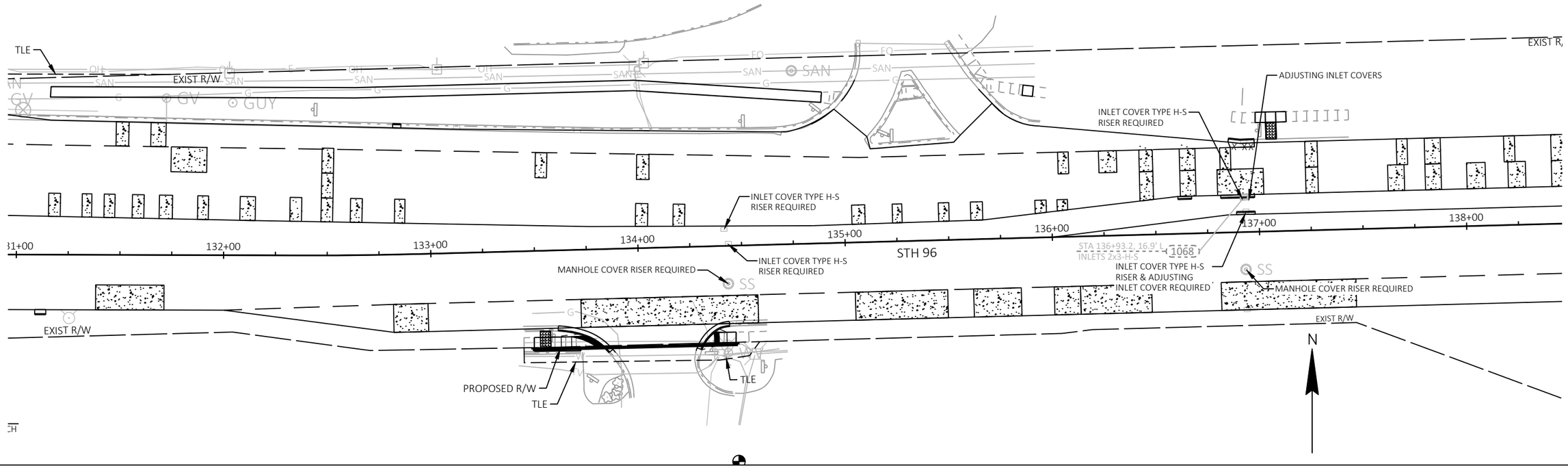
70 L.F. SSPRCHE CLASS HE-IV 19x30-INCH @ 0.36%

99 L.F. SSPRCHE CLASS HE-IV 19x30-INCH @ 0.35%

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 124	E

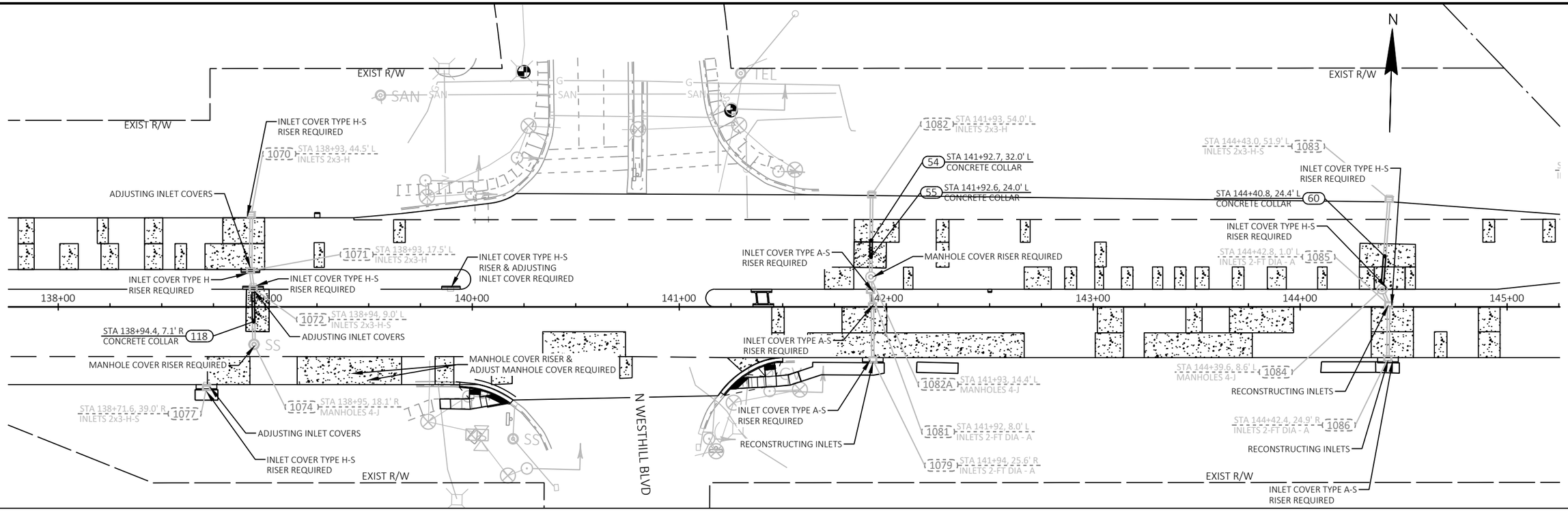
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022501-SS.DWG
LAYOUT NAME - 407540_022504-ss
PLOT DATE : 1/17/2025 11:26 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

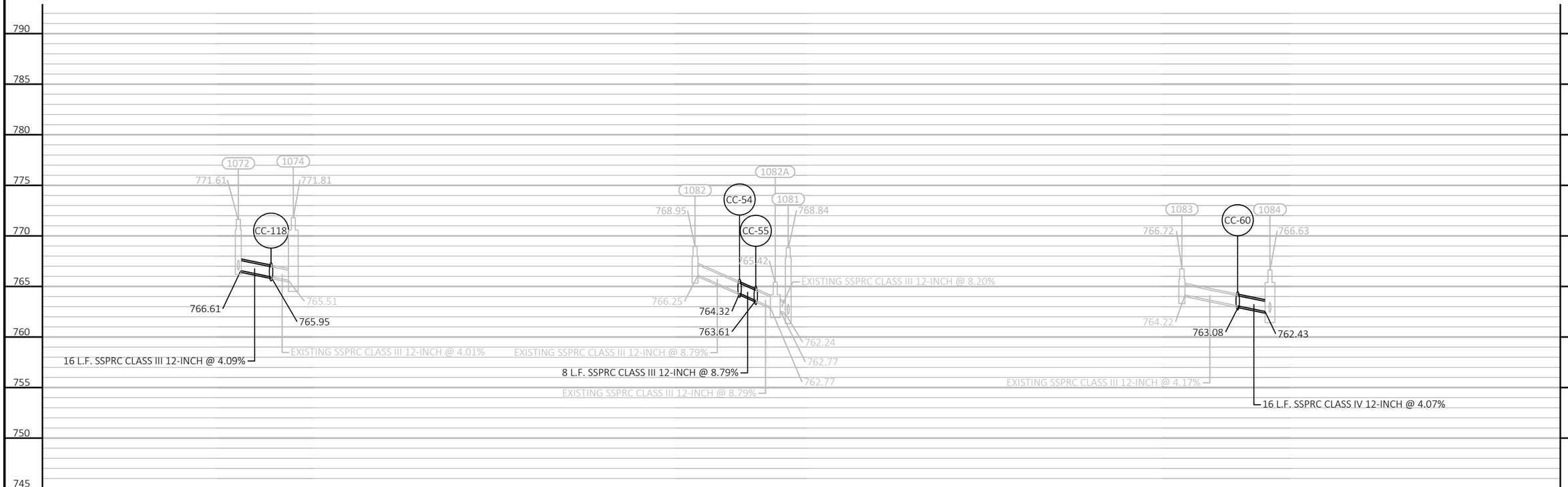
2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 125	E

2





PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 126	E

2

N

EXIST R/W

RECONSTRUCTING INLETS

STA 146+26.3, 44.7' L
INLETS 2x3-H-S
1091

1092 STA 146+76.3, 44.6' L
INLETS 2x3-H

STA 146+18.5, 16.7' L
INLETS 2x3-H-S
1089

1096 STA 148+42.5, 43.9' L
INLETS 2x3-H-S

INLET COVER TYPE H-S
RISER REQUIRED

INLET COVER TYPE H-S
RISER REQUIRED

STA 148+42.0, 9.1' L
CONCRETE COLLAR
235

INLET COVER TYPE H-S
RISER & ADJUSTING
INLET COVER REQUIRED

INLET COVER TYPE H-S
RISER REQUIRED

INLET COVER TYPE H-S
RISER REQUIRED

STA 151+42.7, 9.6' L
INLETS 2x3-H-S
1100

SS

SI

STH 96

145+00

146+00

147+00

148+00

150+00

151+00

152+00

STH 96

STH 96

ADJUST MANHOLE COVER

STA 146+18.4, 12.6' L
CONCRETE COLLAR
144

INLET COVER TYPE H-S
RISER REQUIRED

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

STA 148+41.6, 6.9' R
CONCRETE COLLAR
236

STA 151+42.7, 1.6' L
CONCRETE COLLAR
145

SIGN

RAILROAD

STA 146+18.3, 8.7' L
MANHOLES 4-J
1090

RECONSTRUCTING INLETS

INLET COVER TYPE H-S
RISER REQUIRED

1094 STA 148+42.3, 1.0' L
INLETS 2x3-H-S

MANHOLE COVER RISER &
ADJUST MANHOLE COVER REQUIRED

INLET COVER TYPE H
RISER REQUIRED

STA 151+42.8, 17.6' R
MANHOLES 4-J
1101

MANHOLE COVER RISER &
ADJUST MANHOLE COVER REQUIRED

STA 146+18.0, 1.1' L
INLETS 2x3-H-S
1088

RAILROAD

EXIST R/W

790

785

780

775

770

765

760

755

750

745

60 L.F. SSPRC CLASS IV 12-INCH @ 0.30%

CC-144

1092

1091

1089

1090

1093A

765.80

765.62

765.56

766.55

766.18

763.20

763.38

763.20

762.81

762.70

762.81

762.70

762.74

761.58

28 L.F. SSPRC CLASS IV 12-INCH @ 1.39%

4 L.F. SSPRC CLASS III 12-INCH @ 1.74%

EXISTING SSPRC CLASS III 12-INCH @ 1.01%

71 L.F. SSPRC CLASS III 15-INCH @ 1.59%

CC-236

CC-235

1094

1095

1096

769.10

765.83

769.31

765.96

765.70

766.36

765.58

765.41

EXISTING SSPRC CLASS IV 12-INCH @ 1.53%

EXISTING SSPRC CLASS IV 12-INCH @ 1.53%

8 L.F. SSPRC CLASS IV 12-INCH @ 1.53%

8 L.F. SSPRC CLASS IV 12-INCH @ 1.53%

EXISTING SSPRC CLASS IV 12-INCH @ 1.53%

1100

1101

CC-145

779.04

779.19

775.69

773.94

774.37

EXISTING SSPRC CLASS III 12-INCH @ 6.93%

8 L.F. SSPRC CLASS III 12-INCH @ 5.34%

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 127	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022501-SS.DWG
LAYOUT NAME - 407540_022507-ss

PLOT DATE : 1/17/2025 11:26 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

CTH AA

N BLUEMOUND DR

POPP LN

EXIST R/W

STH 96

SIGN

TLE

PROPOSED R/W

STA 154+46.5, 13.2' L
CONCRETE COLLAR
166

STA 154+45.1, 7.4' L
MANHOLES 4-C
1109

STA 155+11.1, 2.5' L
INLETS 2x3-H-S
139

MANHOLE COVER RISER REQUIRED

INLET COVER TYPE H-S
RISER & ADJUSTING
INLET COVER REQUIRED

STA 154+43.6, 1.6' L
CONCRETE COLLAR
167

MANHOLE COVER RISER REQUIRED

REMOVE EXISTING
INLETS

STA 157+27, 67.3' L
MANHOLES 4-J
1118

STA 157+28.0, 59.3' L
CONCRETE COLLAR
72

STA 157+28.5, 51.4' L
CONCRETE COLLAR
73

RECONSTRUCTING INLETS

INLET COVER TYPE H-S
RISER REQUIRED

STA 158+39.2, 38.3' L
INLETS 2x3-H-S
1124

MANHOLE COVER RISER REQUIRED

MANHOLE COVER RISER &
ADJUST MANHOLE COVER REQUIRED

STA 157+33, 14.1' R
MANHOLES 4-J
1121

STA 158+38, 16.0' R
MANHOLES 4-J
1123

INLET COVER TYPE H-S
RISER & ADJUSTING
INLET COVER REQUIRED

STA 158+38.2, 24.4' R
INLETS 2x3-H-S
1122

152+00 153+00 154+00 156+00 157+00 158+00 159+00

805 800 795 790 785 780 775 770 765 760

1109 139
783.80 783.74
780.70 781.05
66 L.F. SSPRC CLASS IV 12-INCH @ 0.53%

1109
CC-166
783.80
EXISTING SSPRC CLASS IV 12-INCH @ 0.18%
EXISTING SSPRC CLASS IV 12-INCH @ 2.73%
780.68 780.70 780.70 780.70
6 L.F. SSPRC CLASS IV 12-INCH @ 0.30%
6 L.F. SSPRC CLASS IV 12-INCH @ 0.07%

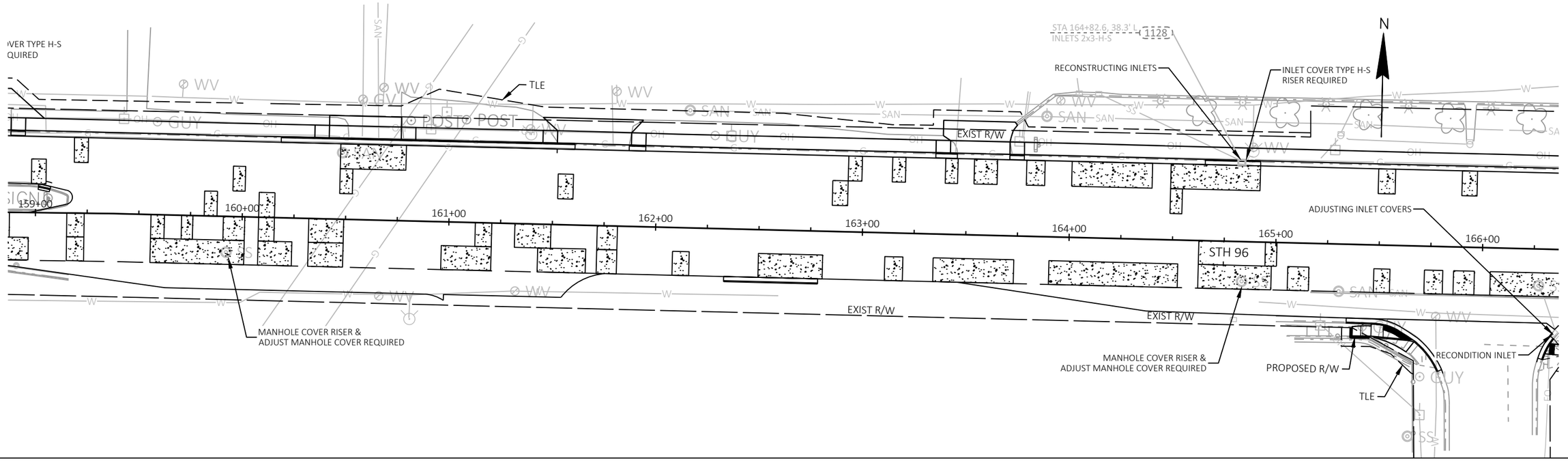
1118
CC-72
CC-73
783.27
1121
783.21
779.57 779.55
779.47
779.56
EXISTING SSPRC CLASS III 18-INCH @ 0.12%
8 L.F. SSPRC CLASS III 18-INCH @ 0.12%
EXISTING SSPRC CLASS III 18-INCH @ 0.12%

1122
1123
782.69
782.97
778.67 779.44
8 L.F. SSPRC CLASS III 12-INCH @ 9.20%

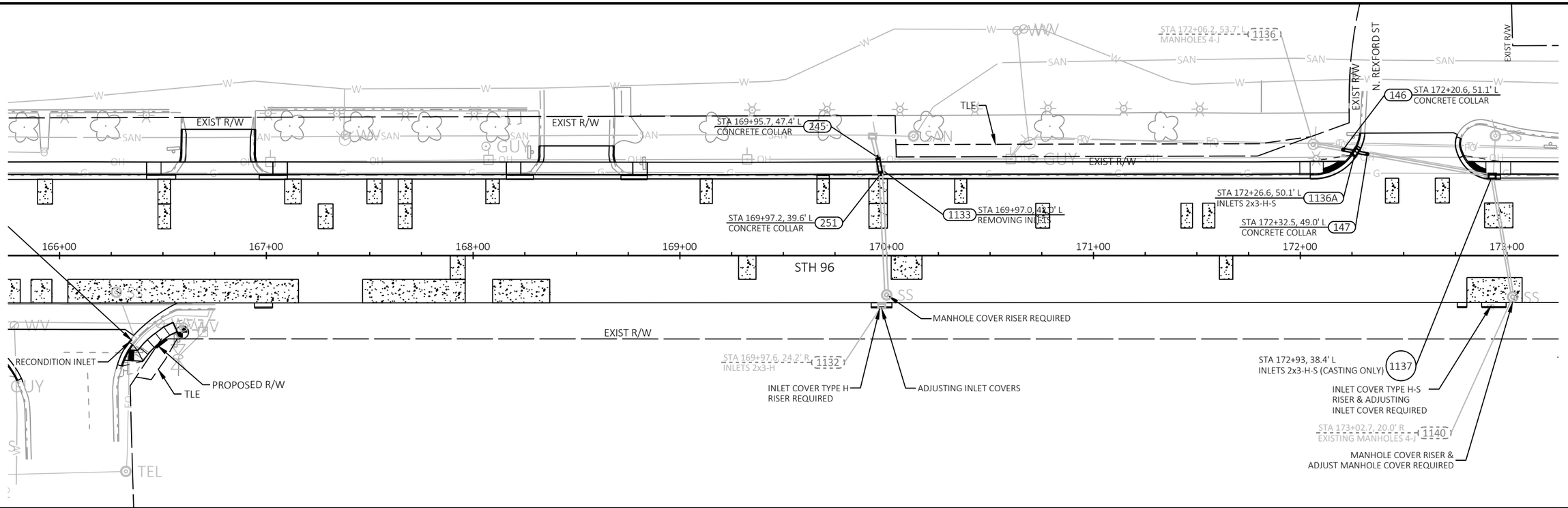
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 128 E

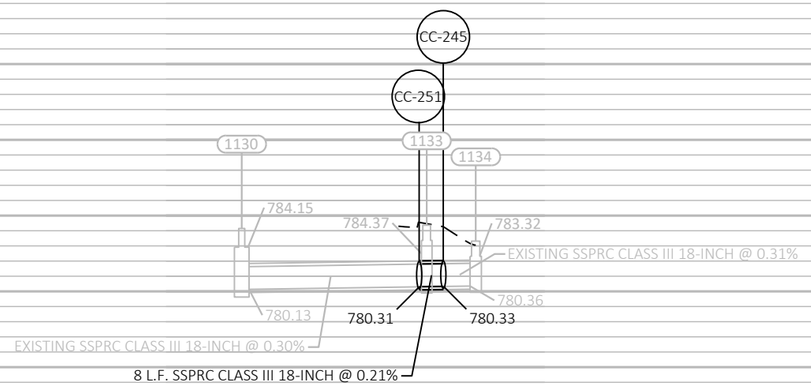
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022501-SS.DWG
LAYOUT NAME - 407540_022508-ss
PLOT DATE : 1/17/2025 11:27 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

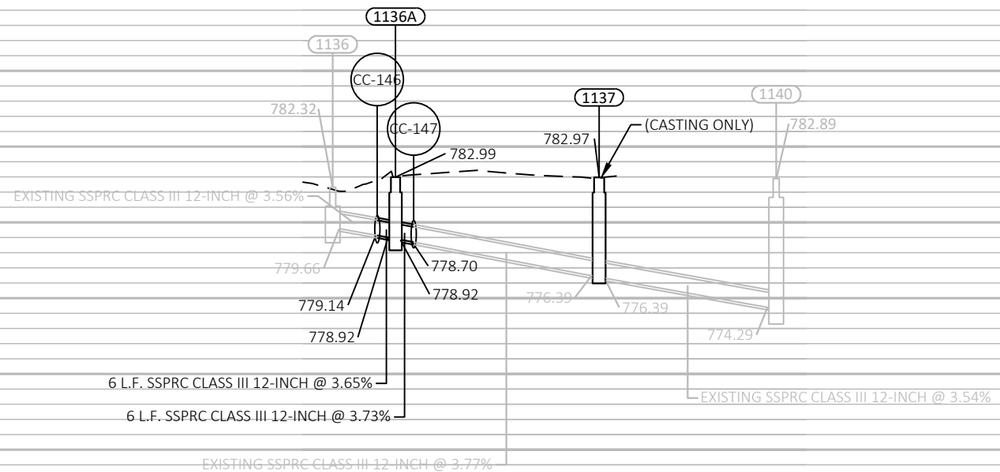
2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 129	E



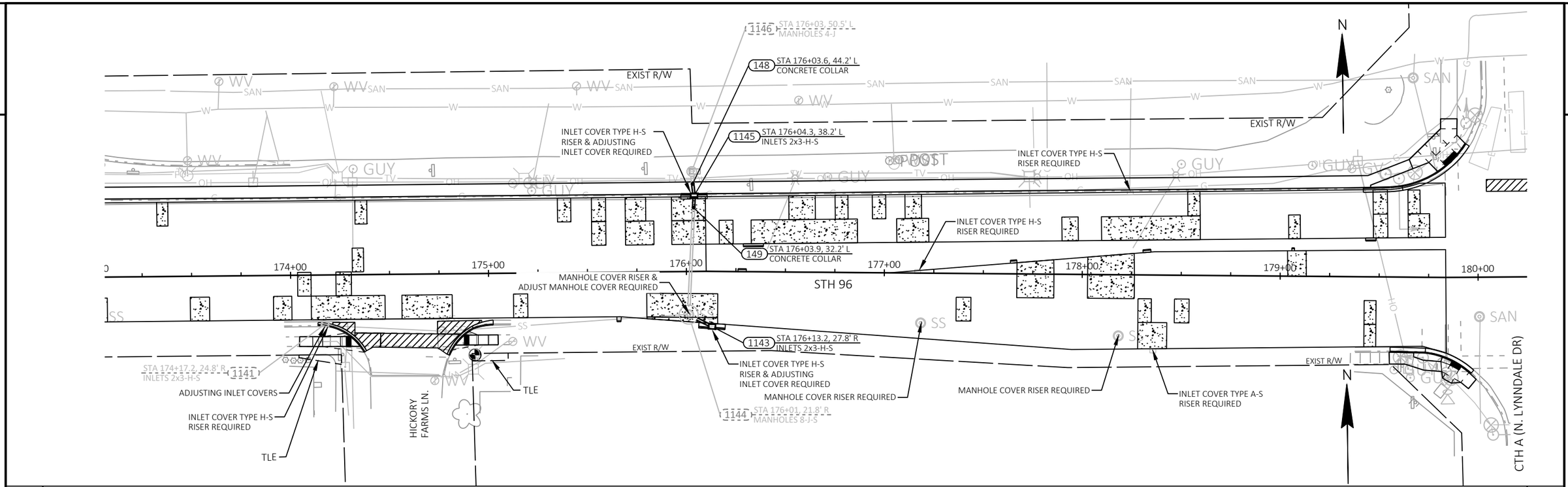


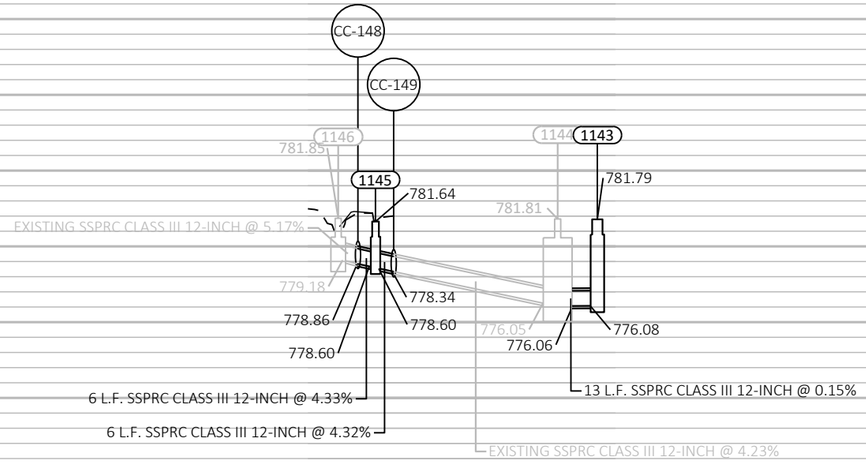


805 800 795 790 785 780 775 770 765 760

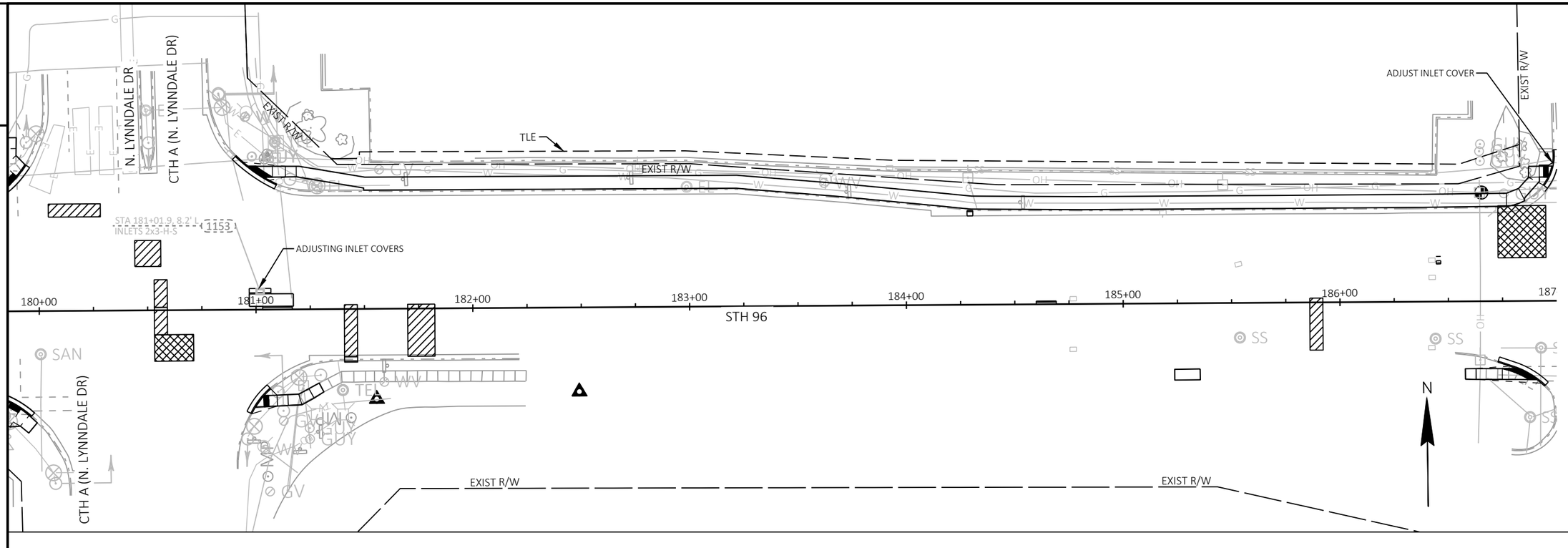
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 130 E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022501-SS.DWG
LAYOUT NAME - 407540_022510-ss
PLOT DATE : 1/17/2025 11:27 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:50 FT





PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 131 E

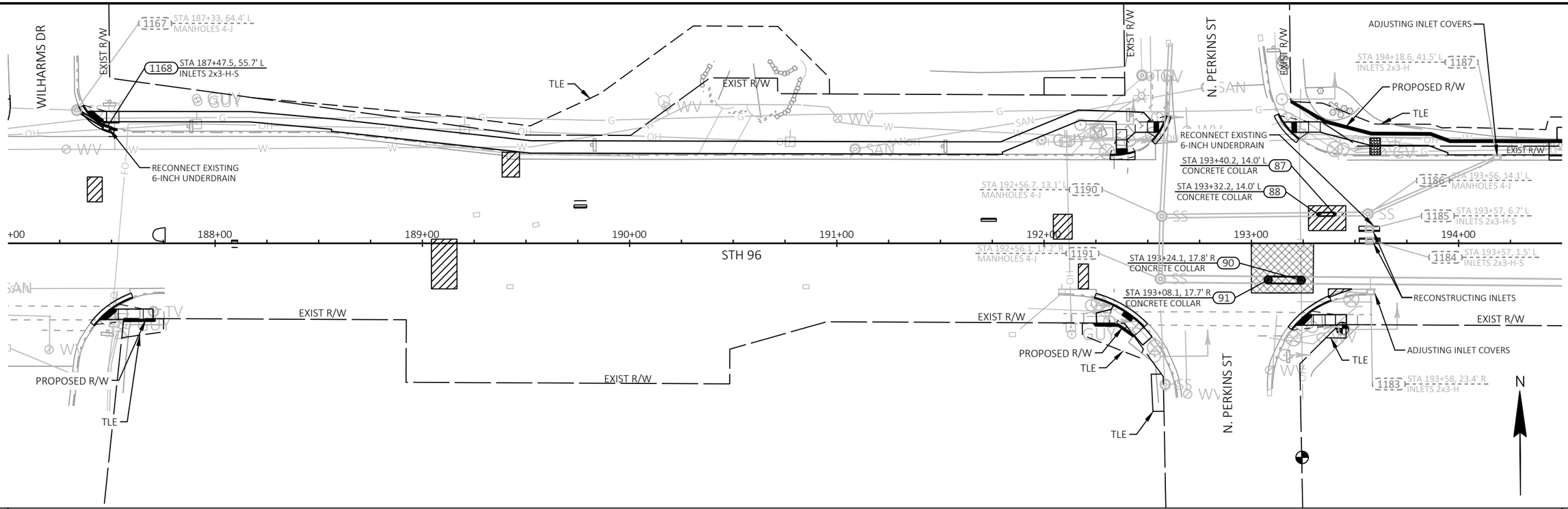


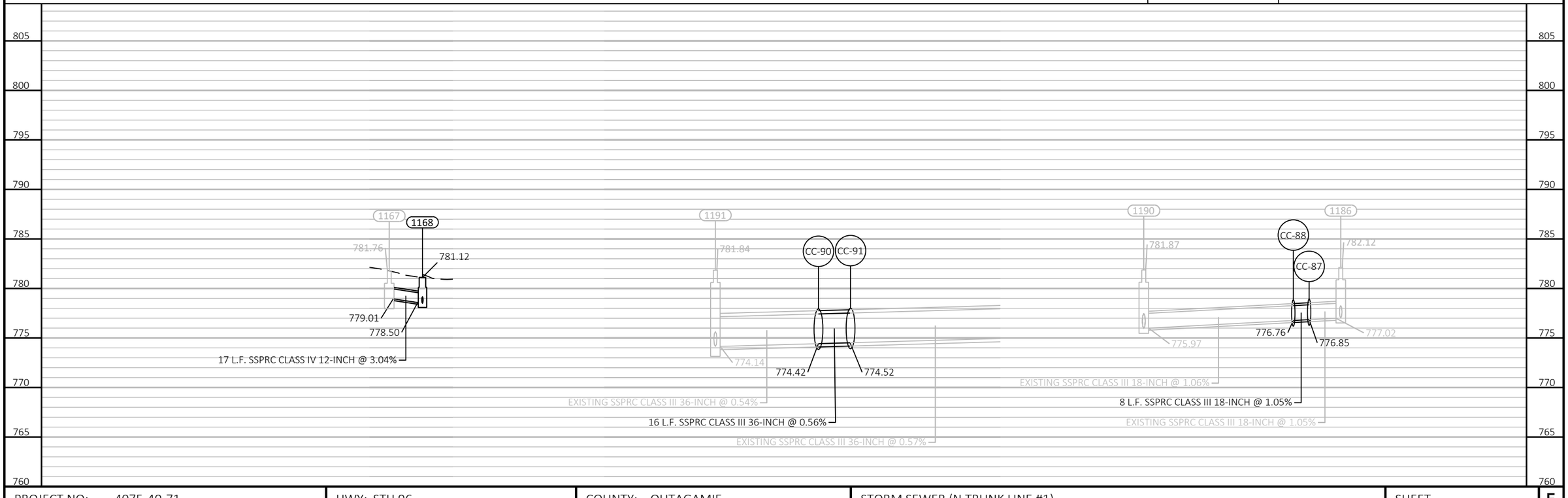
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 132	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022501-SS.DWG
LAYOUT NAME - 407540_022512-ss

PLOT DATE : 1/17/2025 11:27 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:50 FT

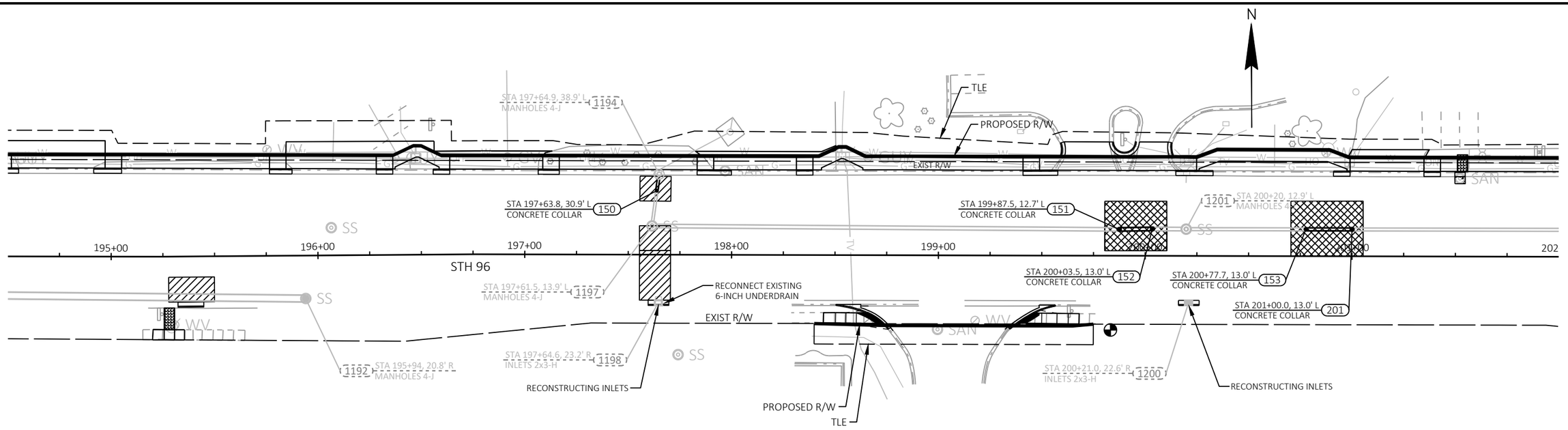
WISDOT/CADDS SHEET 41

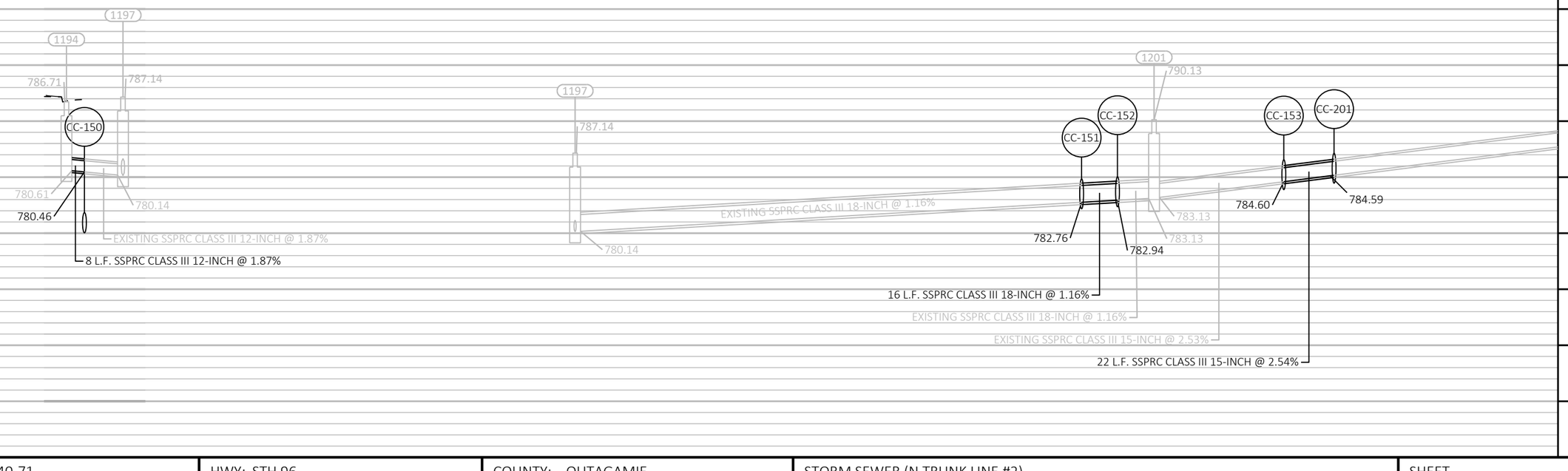




PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER (N TRUNK LINE #1)	SHEET 133 E

2





PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER (N TRUNK LINE #2)	SHEET 134	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022501-SS.DWG
LAYOUT NAME - 407540_022514-ss
PLOT DATE : 1/17/2025 11:28 AM
PLOT BY : COREY RAYFORD
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

PROPOSED R/W
RECONSTRUCTING INLETS
TLE
1210 STA 204+77, 39.3' L INLETS 2x3-H
PROPOSED R/W
EXIST R/W
RECONNECT EXISTING 6-INCH UNDERDRAIN
1212 STA 206+68, 66.4' L MANHOLES 8-J
1204 STA 202+41, 13.0' L MANHOLES 4-J
123 STA 202+75.2, 13.4' L CONCRETE COLLAR
STA 204+77.4, 16.0' L MANHOLES 4-J 1209
STA 202+67.1, 13.3' L CONCRETE COLLAR 154
STH 96
STA 203+33.2, 33.9' R CONCRETE COLLAR 155
STA 203+33.3, 27.9' R CONCRETE COLLAR 156
EXIST R/W
20055 790.409 ECP
1206 STA 204+78, 33.0' R INLETS 2x3-H
ADJUSTING INLET COVERS
RECONSTRUCTING MANHOLE (REMOVE AND REPLACE CASTING AND MANHOLE CONE FOR ACCESS TO STORM SEWER PIPE JOINT REPAIR)
STA 205+75.8, 32.1' R MANHOLES 8-J 1221
MANHOLE CRACK & JOINT REPAIR
STA 206+09.5, 62.5' R MANHOLES 4-J 1220
1221A OUT STA 203+33, 52.9' R APRON ENDWALLS FOR CPRC 12-INCH
PROPOSED R/W
TLE
1219 STA 206+44, 61.5' R MANHOLES 4-J
N. BADGER AVE
+00 203+00 204+00 205+00 206+00 207+00 208+00 209+00
N

805 800 795 790 785 780 775 770 765 760

1204 793.24
CC-123
CC-154
789.32
788.74
788.74
8 L.F. SSPRC CLASS III 15-INCH @ 1.71%
789.19
PRC CLASS III 15-INCH @ 1.70%
EXISTING SSPRC CLASS III 15-INCH @ 1.71%
1209 798.48
792.78
CC-156
CC-155
1221A OUT
790.48
790.47
790.41
6 L.F. SSPRC CLASS III 12-INCH @ 0.30%
EXISTING SSPRC CLASS III 12-INCH @ 0.30%
1212 799.44
777.94
1221 799.75
778.75
CIPP POINT REPAIR (2-JOINTS) SSPRC CLASS III 72-INCH @ 0.61%
1220
1219 796.28
795.25
MANHOLE CRACK & JOINT REPAIR
787.31
788.18
788.83
EXISTING SSPRC CLASS III 36-INCH @ 1.91%
EXISTING SSPRC CLASS III 48-INCH @ 1.91%

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STORM SEWER (N TRUNK LINE #2)	SHEET 135 E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_022501-SS.DWG
LAYOUT NAME - 407540_022515-ss
PLOT DATE : 5/22/2025 9:12 AM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

BP: 100+00.00

PI: 102+02.69

PI: 108+59.01

PI: 112+27.54

101+00 102+00 103+00 104+00 105+00 106+00 107+00 108+00 109+00 110+00 111+00 112+00 113+00 114+00

MATCH LINE STA 114+50

M101 JCT COUNTY GV

M102 SPEED LIMIT 35 R2-1

M103 EAST TO 96 INTERSTATE 41

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- M#### MOVING PROPOSED SIGN NUMBER
- R#### REMOVING EXISTING SIGN NUMBER
- ### PROPOSED SIGN NUMBER

M104 FRONTAGE ROAD

M105 JCT COUNTY GV

M107 SOUTH WEST INTERSTATE 41 96

PI: 118+56.40

PI: 125+07.90

115+00 116+00 117+00 118+00 119+00 120+00 121+00 122+00 123+00 124+00 125+00 126+00 127+00 128+00 129

MATCH LINE STA 114+50

MATCH LINE STA 129+00

NORTH EAST INTERSTATE 41 96

BACK OF POST

WRONG WAY

USH 41

STH 96

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 136	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_023201-PS.DWG
LAYOUT NAME - 407540_023201-ps

PLOT DATE : 1/22/2025 2:53 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE STA 129+00

MATCH LINE STA 143+50

MATCH LINE STA 143+50

MATCH LINE STA 158+00

TO REMAIN

TO REMAIN

TO REMAIN

VALLEY TRANSIT BUS STOP

VALLEY TRANSIT BUS STOP (MOVED BY OTHERS)

TO REMAIN

PC: 132+34.86

PT: 133+94.12

PC: 155+07.51

M108

R1-2

M109

R5-1

M110

M111

R5-1A

ON BACK OF POST

R111

111

30"X48"

Fox Valley Tech Collge

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

M#### MOVING PROPOSED SIGN NUMBER

R#### REMOVING EXISTING SIGN NUMBER

PROPOSED SIGN NUMBER

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 137	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_023201-PS.DWG
LAYOUT NAME - 407540_023202-ps

PLOT DATE : 1/22/2025 2:55 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE STA 158+00

M112
BEGIN RIGHT TURN LANE
R3-20R

PT: 159+38.24

M113
JCT
COUNTY AA
VA CLINIC

M114
SPEED LIMIT 35
R2-1

M115
CENTER LANE ONLY
R3-9B

ON POWERPOLE
(TO REMAIN)

159+00 160+00 161+00 162+00 163+00 164+00 165+00 166+00 167+00 168+00 169+00 170+00 171+00 172+00

MATCH LINE STA 172+50

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- M#### MOVING PROPOSED SIGN NUMBER
- R#### REMOVING EXISTING SIGN NUMBER
- ### PROPOSED SIGN NUMBER

MATCH LINE STA 172+50

M116
CENTER LANE ONLY
R3-9B

PATRIOT PARK RT ARROW

PT: 176+09.77

ON POWERPOLE
(TO REMAIN)

ON POWERPOLE
(TO REMAIN)

ON POWERPOLE
(TO REMAIN)

NO THRU TRAFFIC

PT: 179+83.08

M117
COUNTY A

M118
DO NOT ENTER
R5-1

M119
WRONG WAY
R5-1A

M120
NO PARKING ANY TIME
R7-1L

M121
BEGIN RIGHT TURN LANE
R3-20R

173+00 174+00 175+00 176+00 177+00 178+00 179+00 180+00 181+00 182+00 183+00 184+00 185+00 186+00 187

MATCH LINE STA 187+00

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 138	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_023201-PS.DWG
LAYOUT NAME - 407540_023203-ps

PLOT DATE : 1/22/2025 2:56 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE STA 187+00

MATCH LINE STA 201+50

M122 DO NOT ENTER R5-1

M123 NO PARKING R7-1L

M124 WRONG WAY R5-1A

M125 ADOPT A HIGHWAY I55-56

M126 SPEED LIMIT 35 R2-1

M127 ONE WAY R6-2L

PI: 195+24.22

PI: 196+75.88

+00 188+00 189+00 190+00 191+00 192+00 193+00 194+00 195+00 196+00 197+00 198+00 199+00 200+00 201+00

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- (M###) MOVING PROPOSED SIGN NUMBER
- (R###) REMOVING EXISTING SIGN NUMBER
- (###) PROPOSED SIGN NUMBER

MATCH LINE STA 201+50

TO REMAIN ON POWERPOLE

TO REMAIN ON POWERPOLE

ON POWERPOLE (TO BE RELOCATED BY OTHERS) TOWNSHIP PARKING REGULATIONS

VALLEY TRANSIT BUS STOP

PI: 206+74.67

PI: 207+81.73

EP: 213+44.54

202+00 203+00 204+00 205+00 206+00 207+00 208+00 209+00 210+00 211+00 212+00 213+00

POST

POST

130 DO NOT STOP ON TRACKS R8-8 24"X30" R130

131 DO NOT STOP ON TRACKS R8-8 24"X30" R131

35 FEET BETWEEN TRACKS & INTERSECTION REMOVE

35 FEET BETWEEN TRACKS & INTERSECTION REMOVE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 139	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_023201-PS.DWG
LAYOUT NAME - 407540_023204-ps

PLOT DATE : 1/22/2025 2:56 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:100 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-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

START CROSSING Watch For Vehicles
DON'T START Finish Crossing If Started
TIME REMAINING To Finish Crossing
DON'T CROSS
TO CROSS PUSH BUTTON

Install on SB7 & SB8

IH 41 NB on ramp

IH 41 SB

IH 41 NB

IH 41 NB off ramp

STH 96 (WISCONSIN AVE)

35 MPH Speed Limit

REMOVE BASE AND SIGNAL

Traffic Signal Communication

Camera Electric Lateral

Camera CCTV-44-0104

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

TO UNDERDECK LIGHTING

275' TO NEAR RIGHT SIGNAL

100' TO NEAR RIGHT SIGNAL

FILLER CAPS

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)

Updated 8-21-2024 (Reconstruct North Ramp)
Updated 10-23-2019 (Installed Econolite Controller)

REVISION				
Rev. No.	ADD MONOTUBES			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
6	Date	By	Date	By
	10-3-18	RPA	10-11-18	JRI
10-11-18	Add Monotubes			
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

PAGE 1 OF 1

PROJECT NO: 4075-40-00	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL SIGNAL S44-0309	SHEET 140 E

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

PLOT DATE : 8/22/2024 11:16 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, SB2, SB5, SB8, SB10 & SB11

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

NOTE

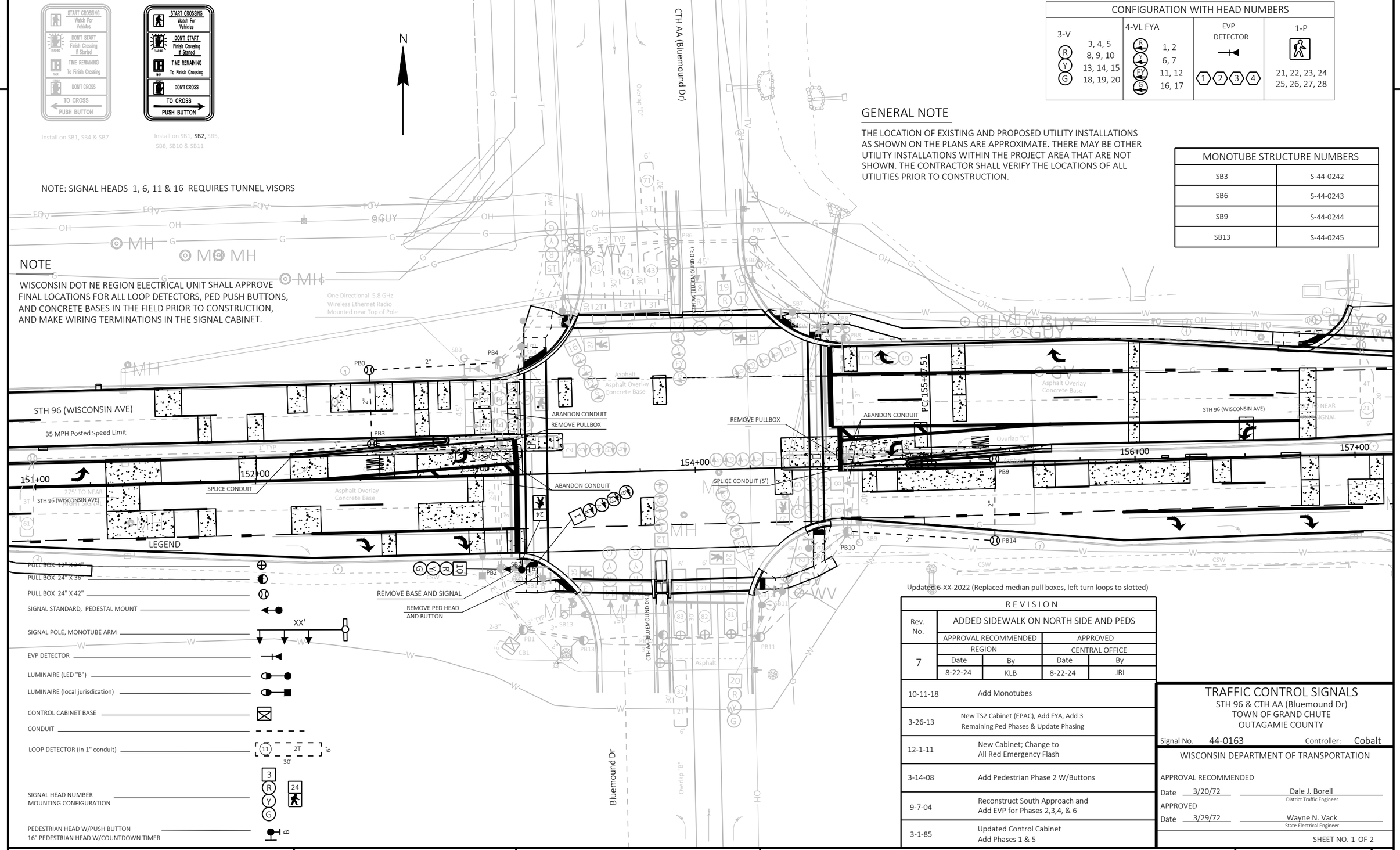
WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL LOOP DETECTORS, PED PUSH BUTTONS, AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION, AND MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET.

CONFIGURATION WITH HEAD NUMBERS			
3-V	4-VL FYA	EVP DETECTOR	1-P
3, 4, 5 8, 9, 10 13, 14, 15 18, 19, 20	1, 2 6, 7 11, 12 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.	ADDED SIDEWALK ON NORTH SIDE AND PEDS			
	APPROVAL RECOMMENDED		APPROVED	
7	REGION		CENTRAL OFFICE	
	Date	By	Date	By
	8-22-24	KLB	8-22-24	JRI

10-11-18	Add Monotubes
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 141 E

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

PLOT DATE : 8/22/2024 10:46 AM PLOT BY : MARTENS, JOHN M PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

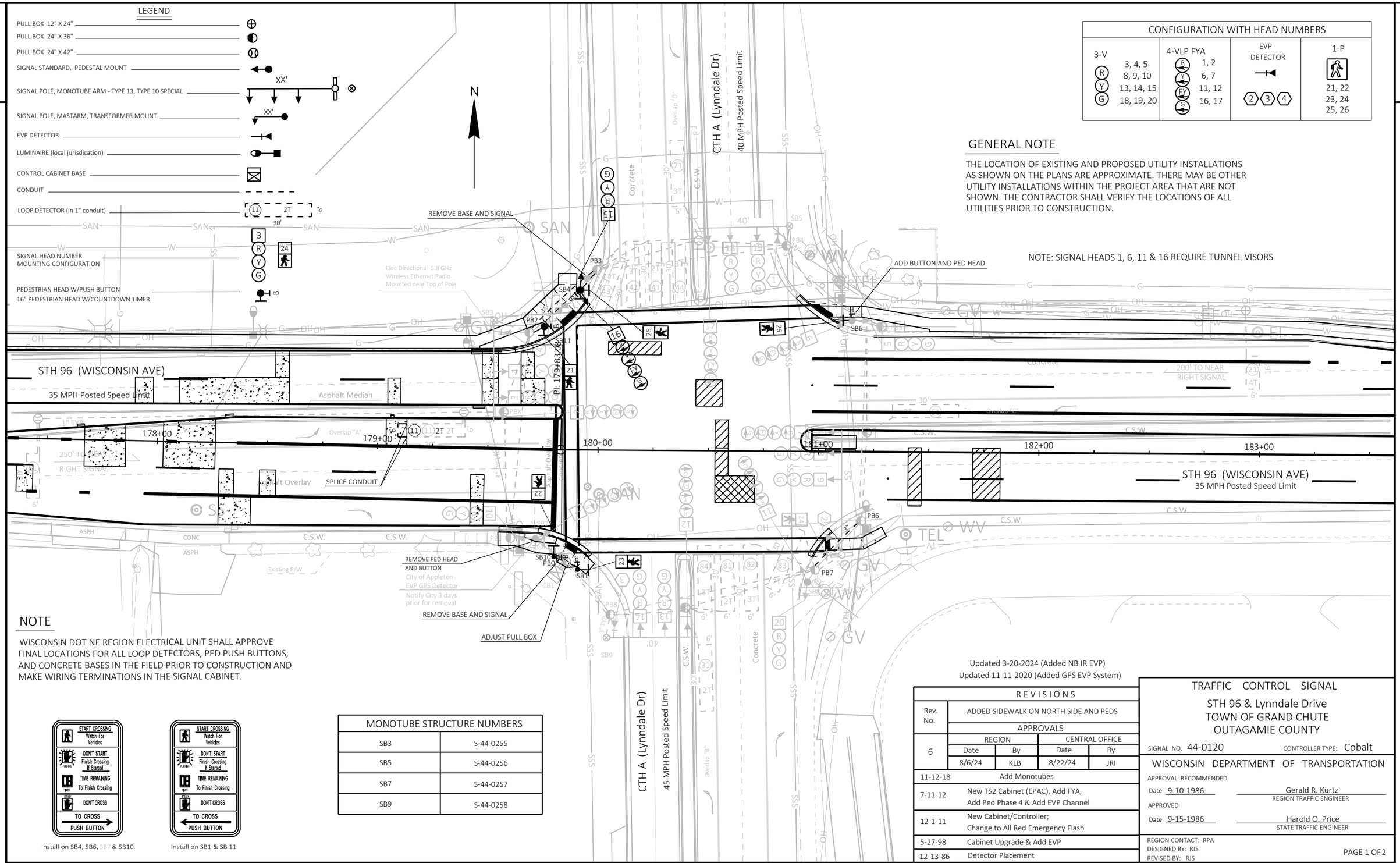
- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MONOTUBE ARM - TYPE 13, TYPE 10 SPECIAL (XX')
- SIGNAL POLE, MASTARM, TRANSFORMER MOUNT (XX')
- EVP DETECTOR
- LUMINAIRE (local jurisdiction)
- CONTROL CABINET BASE
- CONDUIT
- LOOP DETECTOR (in 1" conduit) — (11) 2T, 6, 30'
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION — 3, R, Y, G, 24
- PEDESTRIAN HEAD W/PUSH BUTTON — 8
- 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 25, 26

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



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.

Install on SB4, SB6, SB7 & SB10

Install on SB1 & SB 11

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

Updated 3-20-2024 (Added NB IR EVP)
Updated 11-11-2020 (Added GPS EVP System)

REVISIONS				
Rev. No.	ADDED SIDEWALK ON NORTH SIDE AND PEDS			
	APPROVALS			
	REGION		CENTRAL OFFICE	
6	Date	By	Date	By
	8/6/24	KLB	8/22/24	JRI
11-12-18	Add Monotubes			
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

PAGE 1 OF 2

PROJECT NO: 4075-40-00	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL SIGNAL - S44-0120	SHEET 142	E

FILE NAME : F:\D3_TRAFFI\S44-0120 (96 & LYNNDALE)\S44-0120 FUTURE FUTURE.DWG
LAYOUT NAME - S44-0120 FUTURE FUTURE-tcs
PLOT DATE : 1/8/2025 1:22 PM 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.

Install on SB8, SB12 & SB13

Install on SB1 , SB2 & SB11

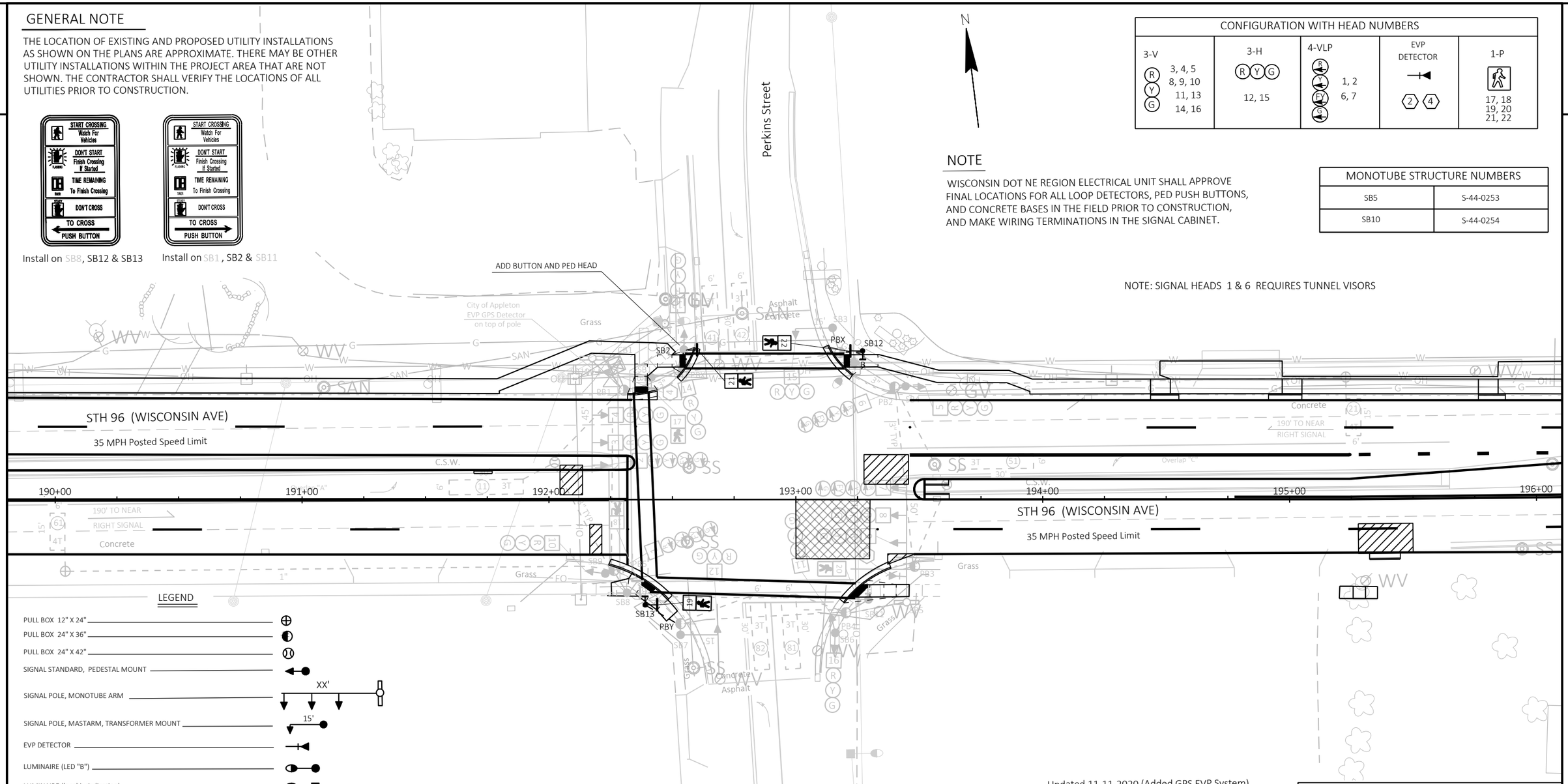
CONFIGURATION WITH HEAD NUMBERS				
3-V	3-H	4-VLP	EVP DETECTOR	1-P
R 3, 4, 5 Y 8, 9, 10 G 11, 13 14, 16	R Y G 12, 15	FYA 1, 2 G 6, 7	2 4	17, 18 19, 20 21, 22

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.

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

NOTE: SIGNAL HEADS 1 & 6 REQUIRES TUNNEL VISORS



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 jurisdication)
- 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 — B

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

REVISION				
Rev. No.	ADDED SIDEWALK ON NORTH SIDE AND PEDS			
	APPROVAL RECOMMENDED		APPROVED	
5	REGION		CENTRAL OFFICE	
	Date	By	Date	By
	8/21/24	KLB	8/22/24	JRI
12-1-11	NEW CABINET & CONTROLLER; CHANGE TO ALL RED EMERGENCY FLASH			
10-15-18	New TS2 Cabinet, Add FYA, & Monotubes			
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

PROJECT NO: 4075-40-00	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTORL SIGNAL - S44-0296	SHEET 143 E

FILE NAME : F:\D3_TRAFFI\S44-0296 (96 & PERKINS STREET)\S44-0296 FUTURE.DWG
LAYOUT NAME - S44-0296-tcs-FUTURE
PLOT DATE : 12/5/2024 7:49 AM PLOT BY : MARTENS, JOHN M PLOT NAME : PLOT SCALE : 1 IN:40 FT

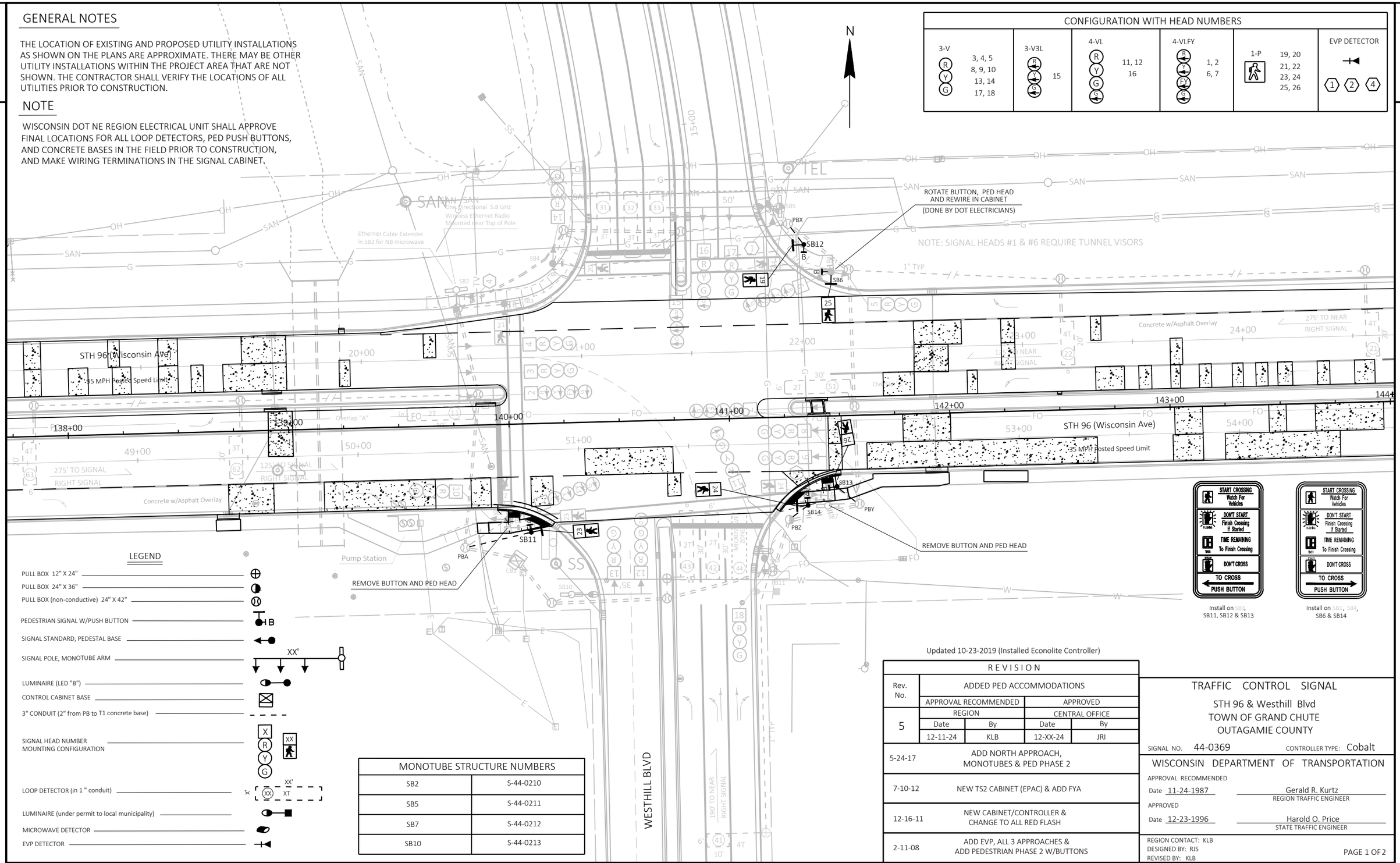
GENERAL NOTES

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.

CONFIGURATION WITH HEAD NUMBERS					
3-V (R, Y, G)	3, 4, 5 8, 9, 10 13, 14 17, 18	3-V3L (R, Y, G)	15	4-VL (R, Y, G, G)	11, 12 16
4-VLFY (R, Y, R, G)	1, 2 6, 7	1-P	19, 20 21, 22 23, 24 25, 26	EVP DETECTOR	1, 2, 4



LEGEND	
PULL BOX 12" X 24"	
PULL BOX 24" X 36"	
PULL BOX (non-conductive) 24" X 42"	
PEDESTRIAN SIGNAL W/PUSH BUTTON	B
SIGNAL STANDARD, PEDESTAL BASE	
SIGNAL POLE, MONOTUBE ARM	XX'
LUMINAIRE (LED "B")	
CONTROL CABINET BASE	
3" CONDUIT (2" from PB to T1 concrete base)	
SIGNAL HEAD NUMBER MOUNTING CONFIGURATION	X, R, Y, G; XX
LOOP DETECTOR (in 1 " conduit)	X, XX, XT; XX'
LUMINAIRE (under permit to local municipality)	
MICROWAVE DETECTOR	
EVP DETECTOR	

MONOTUBE STRUCTURE NUMBERS	
SB2	S-44-0210
SB5	S-44-0211
SB7	S-44-0212
SB10	S-44-0213

Install on SB3, SB11, SB12 & SB13

Install on SB1, SB4, SB6 & SB14

Updated 10-23-2019 (Installed Econolite Controller)

REVISION				
Rev. No.	ADDED PED ACCOMMODATIONS			
	APPROVAL RECOMMENDED		APPROVED	
5	REGION		CENTRAL OFFICE	
	Date	By	Date	By
	12-11-24	KLB	12-XX-24	JRI
5-24-17	ADD NORTH APPROACH, MONOTUBES & PED PHASE 2			
7-10-12	NEW TS2 CABINET (EPAC) & ADD FYA			
12-16-11	NEW CABINET/CONTROLLER & CHANGE TO ALL RED FLASH			
2-11-08	ADD EVP, ALL 3 APPROACHES & ADD PEDESTRIAN PHASE 2 W/BUTTONS			

TRAFFIC CONTROL SIGNAL

STH 96 & Westhill Blvd
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

SIGNAL NO. 44-0369 CONTROLLER TYPE: Cobalt

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 11-24-1987 Gerald R. Kurtz
REGION TRAFFIC ENGINEER

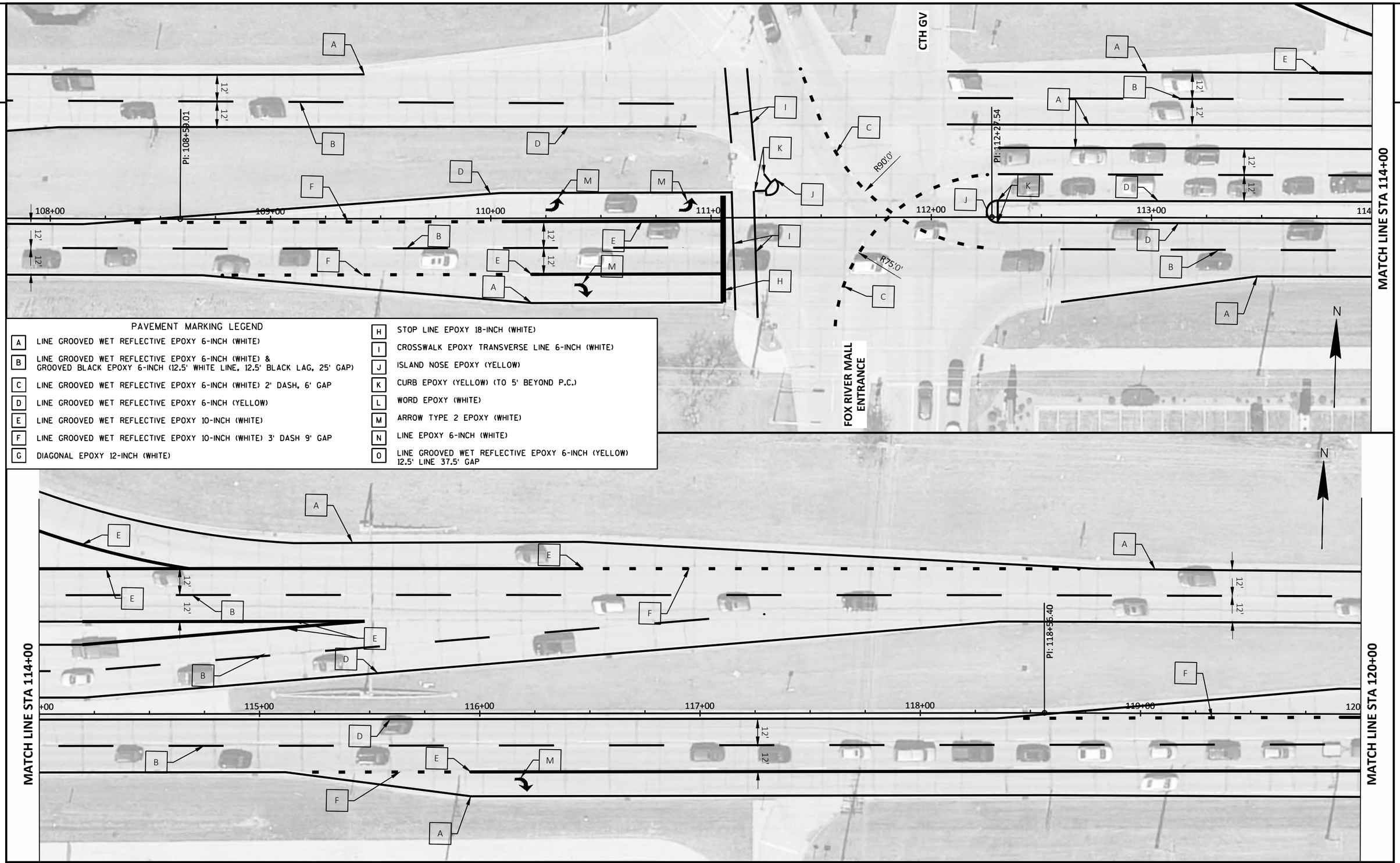
APPROVED
Date 12-23-1996 Harold O. Price
STATE TRAFFIC ENGINEER

REGION CONTACT: KLB
DESIGNED BY: RJS
REVISED BY: KLB

PROJECT NO: 4075-40-00	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL SIGNAL - S44-0369	SHEET 144 E

FILE NAME : F:\D3_TRAFFI\S44-0369 (96 & WESTHILL)\S44-0369 FUTURE.DWG
LAYOUT NAME - S44-0369-tcs FUTURE
PLOT DATE : 12/17/2024 6:14 AM PLOT BY : MARTENS, JOHN M PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PAVEMENT MARKING LEGEND

A	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
B	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) & GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE, 12.5' BLACK LAG, 25' GAP)
C	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) 2' DASH, 6' GAP
D	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
E	LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
F	LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE) 3' DASH 9' GAP
G	DIAGONAL EPOXY 12-INCH (WHITE)
H	STOP LINE EPOXY 18-INCH (WHITE)
I	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
J	ISLAND NOSE EPOXY (YELLOW)
K	CURB EPOXY (YELLOW) (TO 5' BEYOND P.C.)
L	WORD EPOXY (WHITE)
M	ARROW TYPE 2 EPOXY (WHITE)
N	LINE EPOXY 6-INCH (WHITE)
O	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) 12.5' LINE 37.5' GAP

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SHEET 145 E

2

MATCH LINE STA 120+00

MATCH LINE STA 126+00

MATCH LINE STA 126+00

MATCH LINE STA 132+00

IH 41 SB OFF-RAMP

IH 41 SB ON-RAMP

IH 41 NB ON-RAMP

IH 41 NB OFF-RAMP

PI: 125+07.90

ONLY

N

PAVEMENT MARKING LEGEND

- A — LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
- B — LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) & GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE, 12.5' BLACK LAG, 25' GAP)
- C — LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) 2' DASH, 6' GAP
- D — LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
- E — LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
- F — LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE) 3' DASH 9' GAP
- G — DIAGONAL EPOXY 12-INCH (WHITE)
- H — STOP LINE EPOXY 18-INCH (WHITE)
- I — CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- J — ISLAND NOSE EPOXY (YELLOW)
- K — CURB EPOXY (YELLOW) (TO 5' BEYOND P.C.)
- L — WORD EPOXY (WHITE)
- M — ARROW TYPE 2 EPOXY (WHITE)
- N — LINE EPOXY 6-INCH (WHITE)
- O — LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) 12.5' LINE 37.5' GAP

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SHEET 146	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_024501-PM.DWG
LAYOUT NAME - 407540_024502-pm
PLOT DATE : 5/27/2025 11:42 AM
PLOT BY : CRAIG KNUTH
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

MATCH LINE STA 132+00

MATCH LINE STA 138+00

MATCH LINE STA 138+00

PT: 132+34.86

ST: 132+94.11

12'

12'

VARIES

VARIES

ONLY

ONLY

WESTHILL BLVD

N

N

PAVEMENT MARKING LEGEND

A	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
B	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) & GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE, 12.5' BLACK LAG, 25' GAP)
C	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) 2' DASH, 6' GAP
D	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
E	LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
F	LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE) 3' DASH 9' GAP
G	DIAGONAL EPOXY 12-INCH (WHITE)
H	STOP LINE EPOXY 18-INCH (WHITE)
I	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
J	ISLAND NOSE EPOXY (YELLOW)
K	CURB EPOXY (YELLOW) (TO 5' BEYOND P.C.)
L	WORD EPOXY (WHITE)
M	ARROW TYPE 2 EPOXY (WHITE)
N	LINE EPOXY 6-INCH (WHITE)
O	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) 12.5' LINE 37.5' GAP

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SHEET 147	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_024501-PM.DWG
LAYOUT NAME - 407540_024503-pm

PLOT DATE : 5/27/2025 12:35 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

PAVEMENT MARKING LEGEND

A	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
B	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) & GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE, 12.5' BLACK LAG, 25' GAP)
C	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) 2' DASH, 6' GAP
D	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
E	LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
F	LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE) 3' DASH 9' GAP
G	DIAGONAL EPOXY 12-INCH (WHITE)
H	STOP LINE EPOXY 18-INCH (WHITE)
I	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
J	ISLAND NOSE EPOXY (YELLOW)
K	CURB EPOXY (YELLOW) (TO 5' BEYOND P.C.)
L	WORD EPOXY (WHITE)
M	ARROW TYPE 2 EPOXY (WHITE)
N	LINE EPOXY 6-INCH (WHITE)
O	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) 12.5' LINE 37.5' GAP

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

MATCH LINE STA 154+50

BLUEMOUND DR

12' 12' 12' 12'

MATCH LINE STA 154+50

PC: 155+07.51

155+00 156+00 157+00 158+00 159+00 160+00

PT: 159+38.24

12' 12' 12' 12' 12' 12'

N

N

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SHEET 148	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_024501-PM.DWG
LAYOUT NAME - 407540_024511-pm

PLOT DATE : 5/27/2025 12:38 PM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

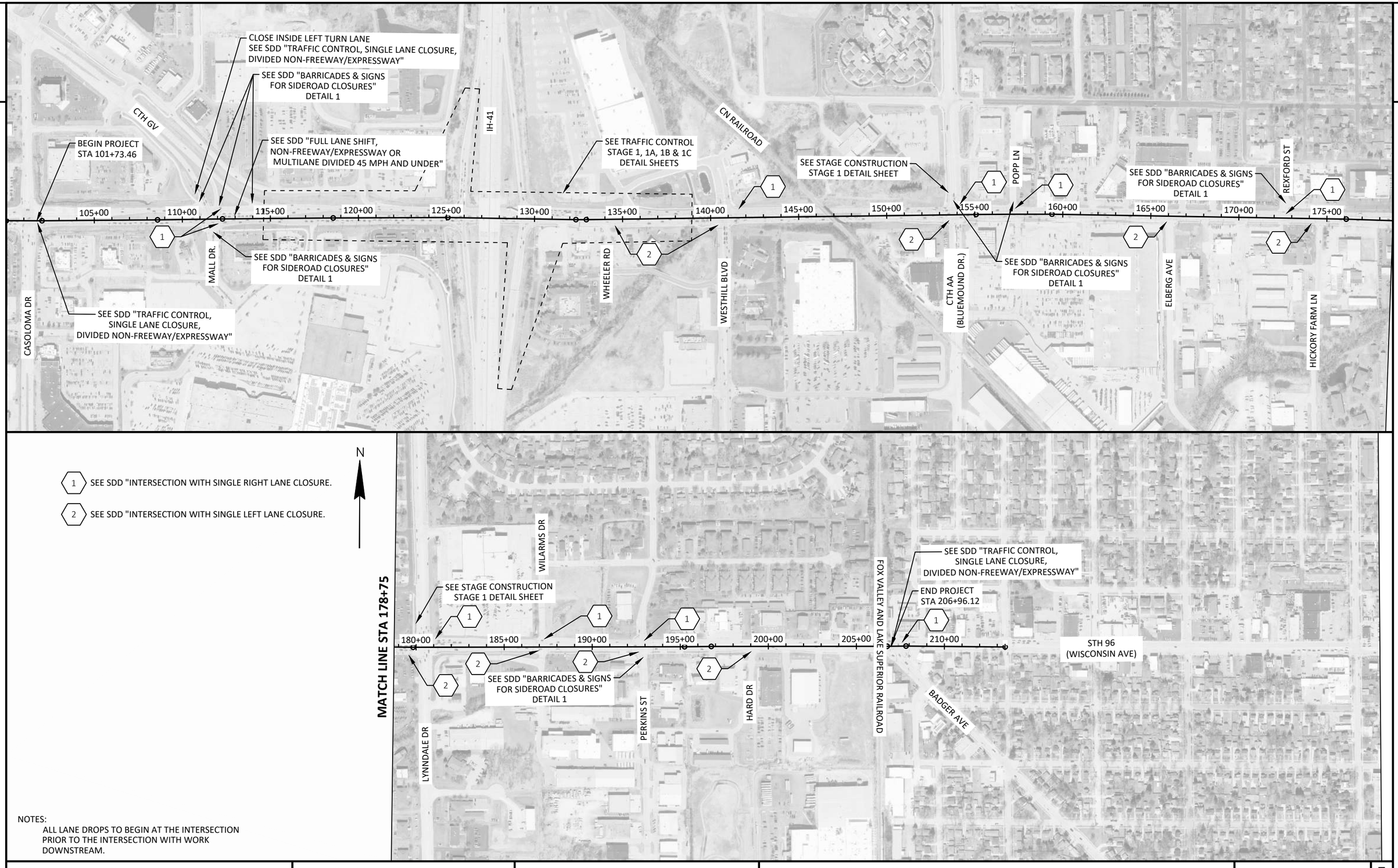
PAVEMENT MARKING LEGEND

A	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
B	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) & GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE, 12.5' BLACK LAG, 25' GAP)
C	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) 2' DASH, 6' GAP
D	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
E	LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
F	LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE) 3' DASH 9' GAP
G	DIAGONAL EPOXY 12-INCH (WHITE)
H	STOP LINE EPOXY 18-INCH (WHITE)
I	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
J	ISLAND NOSE EPOXY (YELLOW)
K	CURB EPOXY (YELLOW) (TO 5' BEYOND P.C.)
L	WORD EPOXY (WHITE)
M	ARROW TYPE 2 EPOXY (WHITE)
N	LINE EPOXY 6-INCH (WHITE)
O	LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) 12.5' LINE 37.5' GAP

204+00
205+00
206+00
207+00
209+00
210+00
RR
ONLY
N
5' TYP.
11'
14'
6'
3" GAP FROM RR MARKING TO LANE LINE (TYP)
1' GAP FROM RR CROSSING SURFACE (TYP)
PI: 206+74.67
PI: 207+81.73
BADGER AVE
MATCH LINE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SHEET 149 E

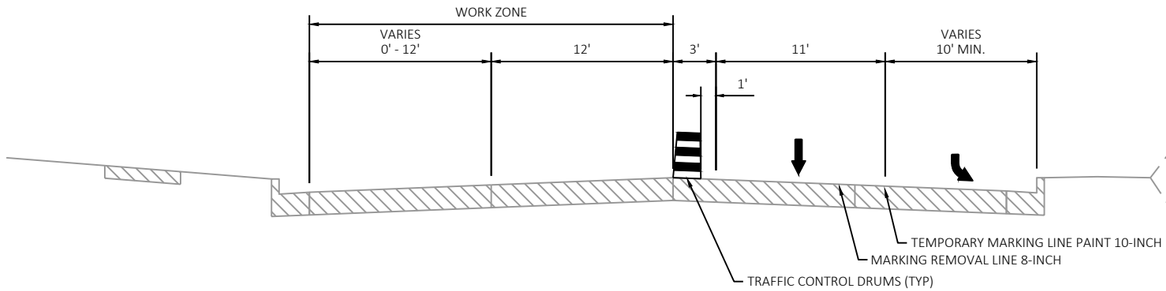
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_024501-PM.DWG
LAYOUT NAME - 407540_024515-pm
PLOT DATE : 5/27/2025 11:42 AM
PLOT BY : CRAIG KNUTH
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 44



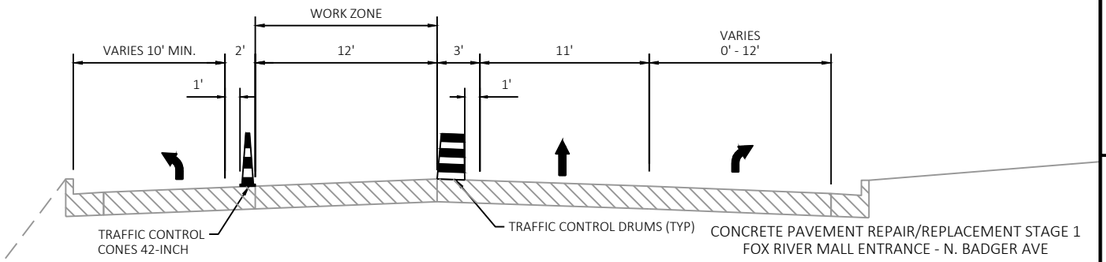
NOTES:

ALL LANE DROPS TO BEGIN AT THE INTERSECTION PRIOR TO THE INTERSECTION WITH WORK DOWNSTREAM.

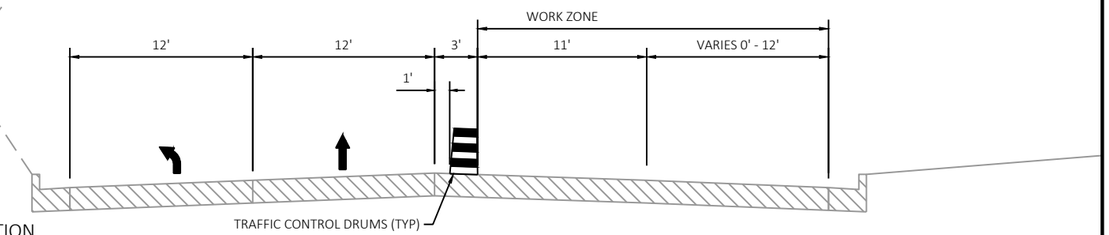
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1 OVERVIEW	SHEET 150	E



CONCRETE PAVEMENT REPAIR/REPLACEMENT STAGE 1



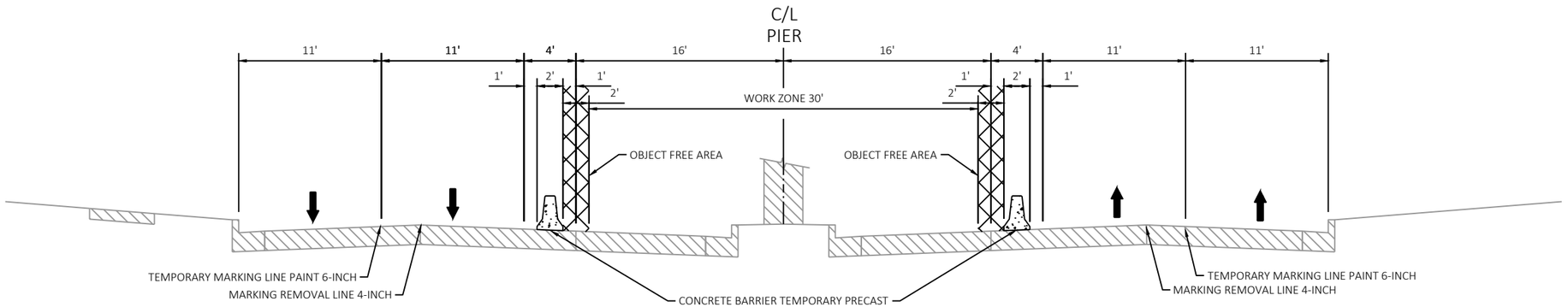
CONCRETE PAVEMENT REPAIR/REPLACEMENT STAGE 1
FOX RIVER MALL ENTRANCE - N. BADGER AVE



CONCRETE PAVEMENT REPAIR/REPLACEMENT STAGE 1
EASTBOUND STH 96
N. CASALOMA DR - FOX RIVER MALL ENTRANCE

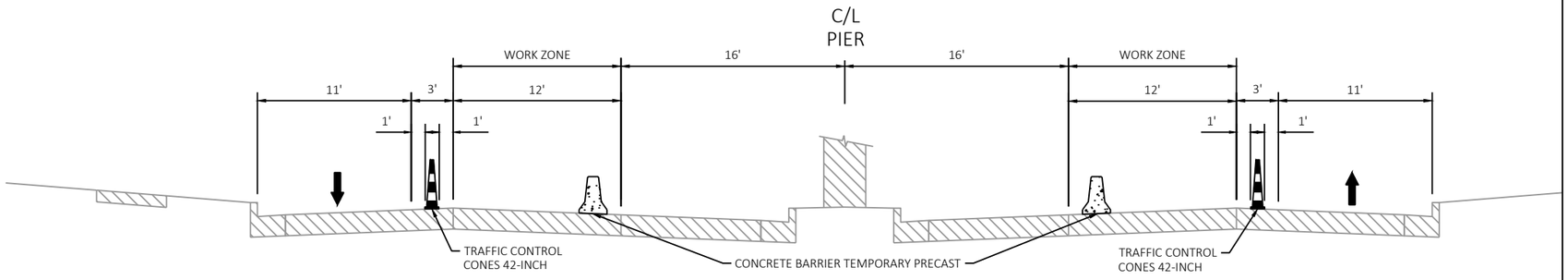
TRAFFIC CONTROL TYPICAL SECTION

STAGE 1
(LOOKING EAST)



TRAFFIC CONTROL TYPICAL SECTION

B-44-0157/B-44-0158 STAGE 1A
(LOOKING EAST)



TRAFFIC CONTROL TYPICAL SECTION

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

B-44-0157/B-44-0158 STAGE 1B &1C
(LOOKING EAST)

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

GENERAL NOTES

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

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

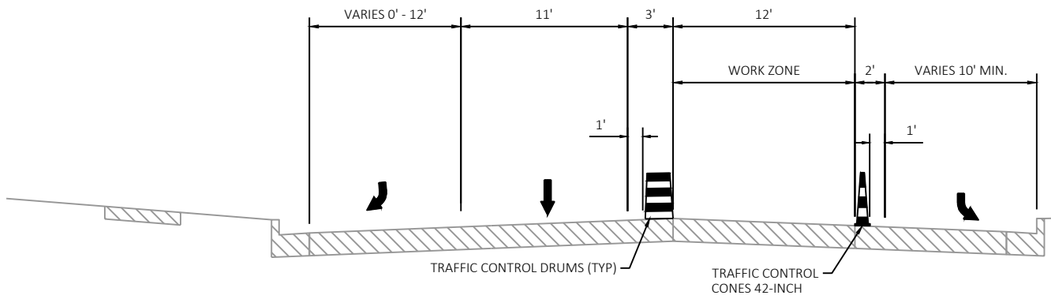
STAGE 1B AND STAGE 1C MAY BE SET UP INDEPENDENTLY OR CONCURRENTLY.

TRAFFIC CONTROL PLAN SHEETS ASSUME STAGES 1B AND 1C WERE SET UP INDEPENDENTLY OF ONE ANOTHER ON SEPARATE WEEKENDS.

CLOSE EASTBOUND STH 96 LEFT TURN LANE BETWEEN IH 41 RAMPS FOR ONE NIGHT TO COMPLETE REPAIRS.

UTILIZE TRAFFIC CONTROL CONES 42-INCH WHEN NEEDED TO MAINTAIN 11-FT THRU LANE WIDTH FOR STAGE 1.

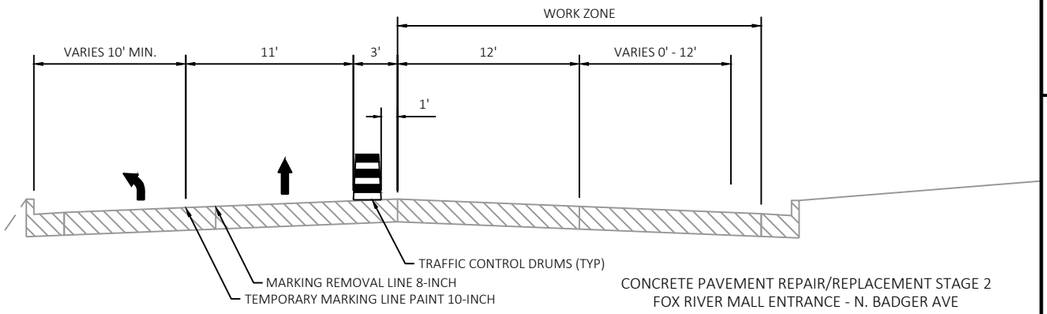
TURN LANES TO REMAIN OPEN UNLESS WORK IS BEING PREFORMED WITHIN THE TURN LANES FOR STAGE 1.



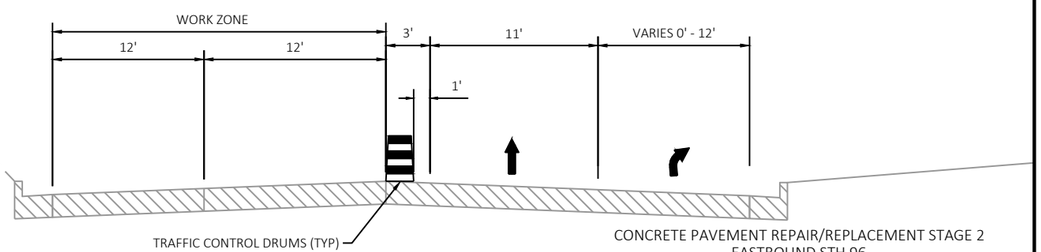
CONCRETE PAVEMENT REPAIR/REPLACEMENT STAGE 2

TRAFFIC CONTROL TYPICAL SECTION

STAGE 2
(LOOKING EAST)



CONCRETE PAVEMENT REPAIR/REPLACEMENT STAGE 2
FOX RIVER MALL ENTRANCE - N. BADGER AVE



CONCRETE PAVEMENT REPAIR/REPLACEMENT STAGE 2
EASTBOUND STH 96
N. CASALOMA DR - FOX RIVER MALL ENTRANCE

GENERAL NOTES

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

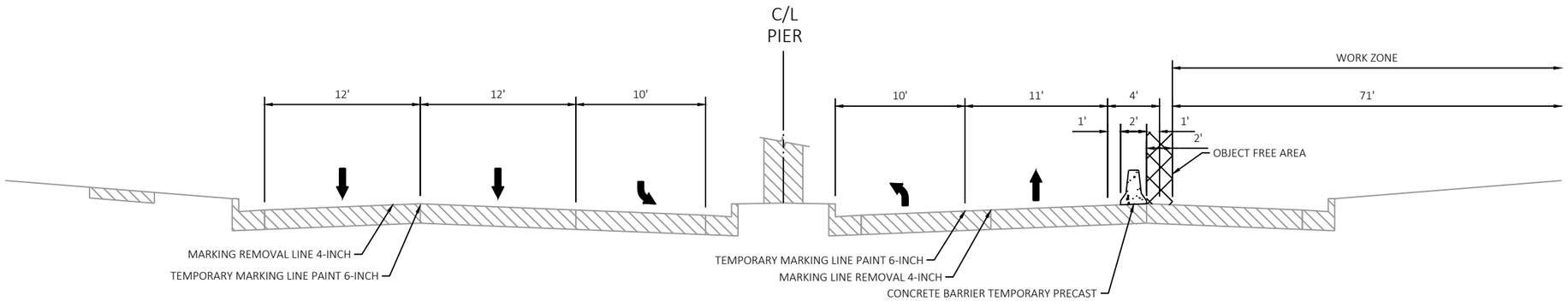
CLOSE WESTBOUND STH 96 LEFT TURN LANE BETWEEN IH 41 RAMPS FOR ONE NIGHT TO COMPLETE REPAIRS.

UTILIZE TRAFFIC CONTROL CONES 42-INCH WHEN NEEDED TO MAINTAIN 11-FT THRU LANE WIDTH FOR STAGE 2.

TURN LANES TO REMAIN OPEN UNLESS WORK IS BEING PREFORMED WITHIN THE TURN LANES FOR STAGE 2.

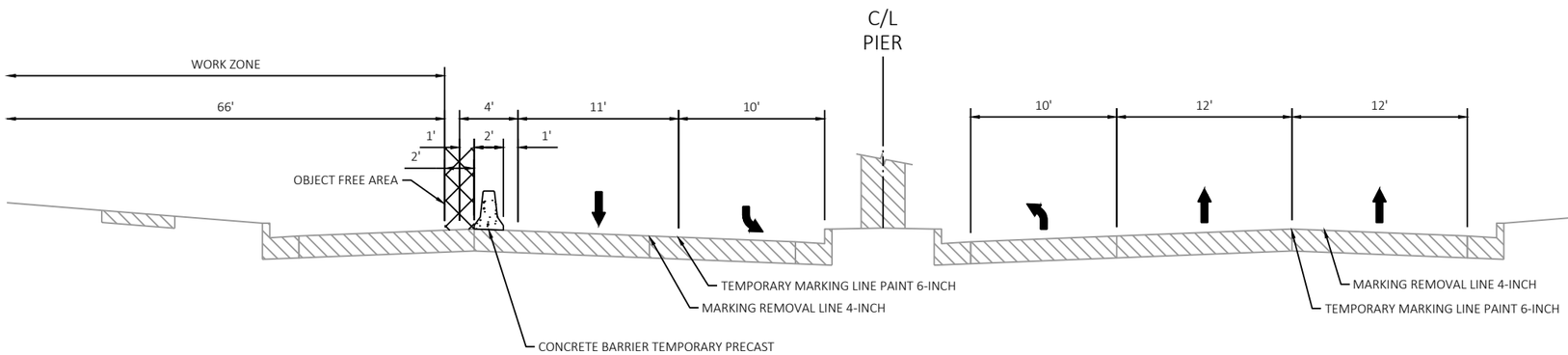
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 152	E

2



TRAFFIC CONTROL TYPICAL SECTION

B-44-0157/B-44-0158 STAGE 2A
(LOOKING EAST)



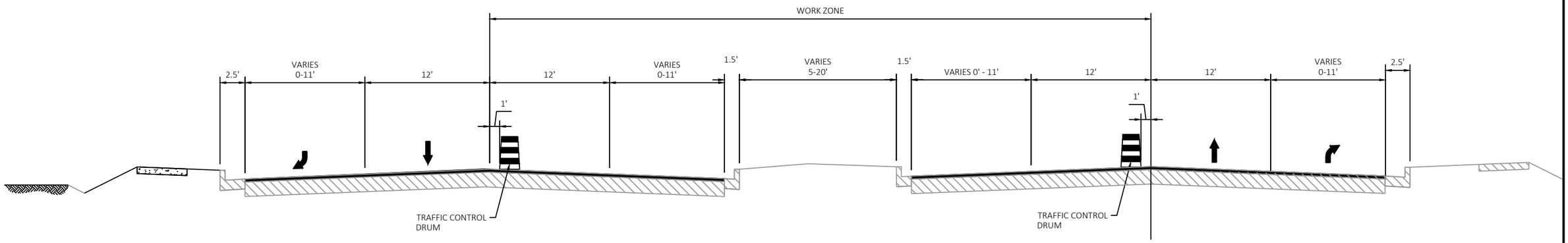
TRAFFIC CONTROL TYPICAL SECTION

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

GENERAL NOTES

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

2



TRAFFIC CONTROL TYPICAL SECTION

BLUEMOUND DRIVE INTERSECTION
STAGE 3

GENERAL NOTES

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

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 154	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025004-tc
PLOT DATE : 1/22/2025 3:50 PM
PLOT BY : COREY RAYFORD
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

2

N

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
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

INSTALL LANE CLOSURE PER SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT" WHEN TWO THROUGH LANES ARE NOT BEING PROVIDED FOR EB STH 96 EAST OF I-41 SB OFF-RAMP & UNTIL STH 96 WIDENING EAST OF IH-41 SB ON RAMP IS COMPLETED.

INSTALL OFF RAMP LANE CLOSURE PER SDD "TRAFFIC CONTROL, OFF RAMP LANE CLOSURE", WHEN CLOSURE OF THE SB OFF-RAMP IS REQUIRED FOR PAVEMENT REPAIR WORK.

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

25' TYP.

CTH GV

PI: 112+27.54

PI: 118+56.40

BEGIN LEFT TURN LANE
R3-20L
24"X36"

N. COLORADO AVE

PM 125+07.90

STH 96

111+00 112+00 113+00 114+00 1115 116+00 117+00 118+00 119+00 1120 121+00 122+00 123+00 124+00 1125 126+00

FOX RIVER MALL ENTRANCE

FOX RIVER MALL ENTRANCE

350'
BEGIN ADVANCE WARNING SIGN SPACING

245'
TAPER LENGTH

340'
BUFFER SPACE

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"

EXTEND EB STH 96 INSIDE LANE CLOSURE AND WB STH 96 OUTSIDE LANE CLOSURE AS NEEDED TO COMPLETE WORK PER SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"
(SEE STAGE 1 OVERVIEW)

2

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1	SHEET 155	E

2

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
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

N

B-44-0157

B-44-0158

LANE CLOSED
R11-2L
48"X30"

25' TYP.

PC: 132+34.86

PT: 132+94.12

LANE CLOSED
R11-2L
48"X30"

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

LANE CLOSED
R11-2L
48"X30"

EXTEND EB STH 96 INSIDE LANE CLOSURE AND WB STH 96 OUTSIDE LANE CLOSURE AS NEEDED TO COMPLETE WORK PER SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY" (SEE STAGE 1 OVERVIEW)

127+00 128+00 129+00 130 131+00 132+00 133+00 134+00 135 136+00 137+00 138+00 139+00 140 141+00 142+00

BEGIN LEFT TURN LANE
R3-20LL
24"X36"

LANE CLOSED
R11-2L
48"X30"

SB IH 41

NB IH 41

W WHEELER RD

25' TYP.

LANE CLOSED
R11-2L
48"X30"

INSTALL LANE CLOSURE PER SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

CLOSE INSIDE LEFT TURN LANE SEE SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

N WESTHILL BLVD

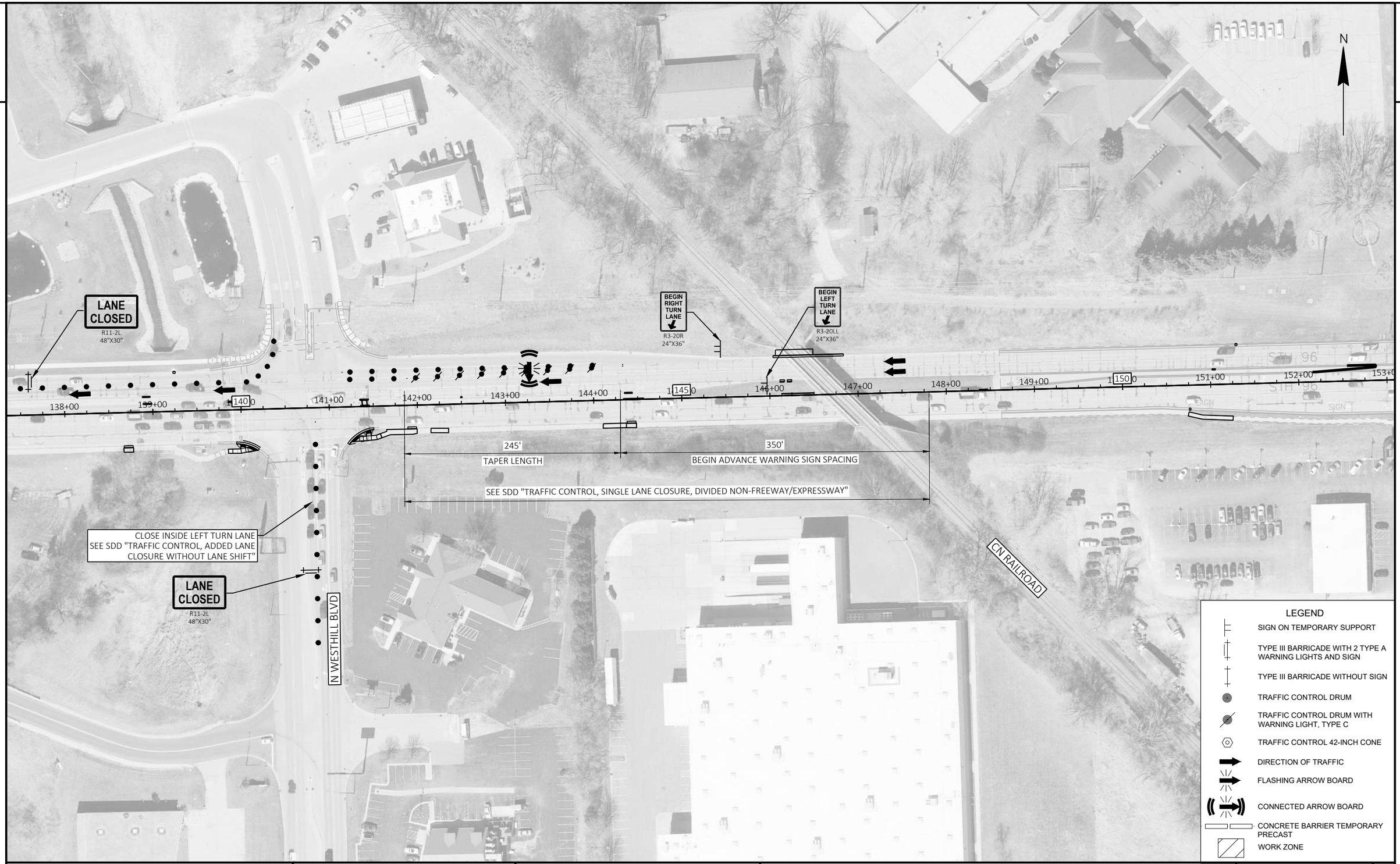
MATCHLINE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1	SHEET 156	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025012-tc

PLOT DATE : 1/27/2025 12:31 PM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE :

2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1	SHEET 157	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025013-tc

PLOT DATE : 1/27/2025 12:31 PM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

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
- CRASH CUSHIONS TEMPORARY
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

N

LANE CLOSED
R11-2L
48"X30"

25' TYP.

INSTALL LANE CLOSURE PER SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT."

B-44-0157

CTH GV

N. COLORADO AVE

STH 96

115

120

125

25' TYP.

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

SHIFT TEMP. CONCRETE BARRIER TO MAINTAIN 1' CLEAR DISTANCE INCLUDING FOR CRASH CUSHION.

350'
ADVANCE WARNING SIGN SPACING

82'
TAPER LENGTH

SEE SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

SB IH 41

NB IH 41

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1A	SHEET 158	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025014-tc

PLOT DATE : 1/29/2025 2:36 PM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LANE CLOSED
R11-2L
48"X30"

SHIFT TEMP. CONCRETE BARRIER TO MAINTAIN 1' CLEAR DISTANCE INCLUDING FOR CRASH CUSHION.

B-44-0157

B-44-0158

PC: 132+34.86

PT: 132+94.12

LANE CLOSED
R11-2L
48"X30"

25' TYP.

SEE SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

350'
ADVANCE WARNING SIGN SPACING

N

127+00 128+00 129+00 130 131+00 132+00 133+00 134+00 135 136+00 137+00 138+00 139+00 140 141+00 142+00

INSTALL LANE CLOSURE PER SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT."

SB IH 41

NB IH 41

W WHEELER RD

N WESTHILL BLVD

25' TYP.

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
- CRASH CUSHIONS TEMPORARY
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

LANE CLOSED
R11-2L
48"X30"

25' TYP.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1A	SHEET 159	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025015-tc

PLOT DATE : 1/30/2025 9:48 AM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

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
- CRASH CUSHIONS TEMPORARY
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

N

LANE CLOSED
R11-2L
48"X30"

INSTALL LANE CLOSURE PER SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE, WITHOUT LANE SHIFT."

25' TYP.

B-44-0157

CTH GV

PI: 112+27.54

PI: 118+56.40

PI: 125+07.90

N. COLORADO AVE

STH 96

112+00 113+00 114+00 115 116+00 117+00 118+00 119+00 120 121+00 122+00 123+00 124+00 125 126+00 127+00

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

25' TYP.

350'
ADVANCE WARNING SIGN SPACING

82'
TAPER LENGTH

SEE SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

SHIFT TEMP. CONCRETE BARRIER TO MAINTAIN 1' CLEAR DISTANCE INCLUDING FOR CRASH CUSHION.

SB IH 41

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1B	SHEET 160	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025016-tc

PLOT DATE : 1/29/2025 2:36 PM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

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
- CRASH CUSHIONS TEMPORARY
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

N

SHIFT TEMP. CONCRETE BARRIER TO MAINTAIN 1' CLEAR DISTANCE INCLUDING FOR CRASH CUSHION.

B-44-0158

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

PC: 132+34.86

PT: 132+94.12

25' TYP.

100'

128+00 129+00 130+00 131+00 132+00 133+00 134+00 135+00 136+00 137+00 138+00 139+00 140+00 141+00 142+00 143+00

STH 96

245'
TAPER LENGTH

LANE CLOSED
R11-2L
48"X30"

INSTALL LANE CLOSURE PER SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

W WHEELER RD

CLOSE INSIDE LEFT TURN LANE
SEE SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"

NB IH 41

25' TYP.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1B	SHEET 161	E

2

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
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

N

STH 96

141+00 142+00 143+00 144+00 1145 0 146+00 147+00 148+00 149+00 1150 0 151+00 152+00 153+00 154+00 1155 0

P.C. 155+07.51

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

245'
TAPER LENGTH

350'
BEGIN ADVANCE WARNING SIGN SPACING

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"

CLOSE INSIDE LEFT TURN LANE
SEE SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

LANE CLOSED
R11-2L
48"X30"

N WESTHILL BLVD

CN RAILROAD

N BLUEMOUND DR

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1B	SHEET 162	E

2

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
- CRASH CUSHIONS TEMPORARY
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

N

LANE CLOSED
R11-2L
48"X30"

25' TYP.

INSTALL LANE CLOSURE PER SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT" WHEN TWO THROUGH LANES ARE NOT BEING PROVIDED FOR EB STH 96 EAST OF I-41 SB OFF-RAMP.

LANE CLOSED
R11-2L
48"X30"

B-44-

CTH GV

PI: 112+27.54

PI: 118+56.40

LANE CLOSED
R11-2L
48"X30"

N. COLORADO AVE

PI: 125+07.90

25' TYP.

STH 96

111+00 112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00 120+00 121+00 122+00 123+00 124+00 125+00 126+00

SHIFT TEMP. CONCRETE BARRIER TO MAINTAIN 1' CLEAR DISTANCE INCLUDING FOR CRASH CUSHION.

FOX RIVER MALL ENTRANCE

350'
BEGIN ADVANCE WARNING SIGN SPACING

245'
TAPER LENGTH

120'
BUFFER SPACE

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1C	SHEET 163	E

2

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
- CRASH CUSHIONS TEMPORARY
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

N

SEE SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

82'
TAPER LENGTH

350'
ADVANCE WARNING SIGN SPACING

SHIFT TEMP. CONCRETE BARRIER TO MAINTAIN 1' CLEAR DISTANCE INCLUDING FOR CRASH CUSHION.

B-44-0157

B-44-0158

PC: 132+34.86

PT: 132+94.12

25' TYP.

128+00 129+00 130 131+00 132+00 133+00 134+00 135 136+00 137+00 138+00 139+00 140 141+00 142+00

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

W WHEELER RD

NB IH 41

INSTALL LANE CLOSURE PER SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LAN SHIFT"

25' TYP.

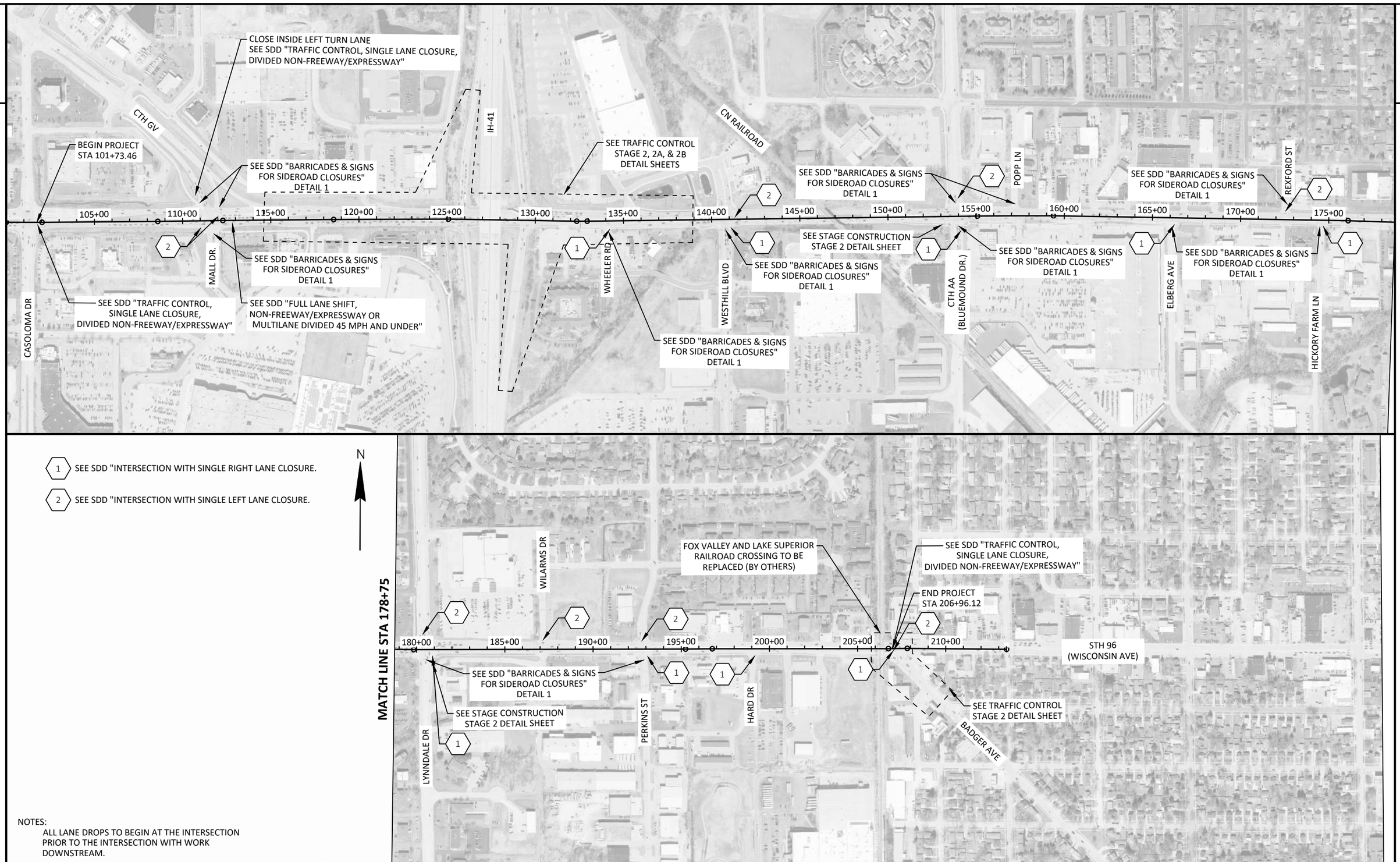
LANE CLOSED
R11-2L
48"X30"

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1C	SHEET 164	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025019-tc

PLOT DATE : 1/30/2025 9:46 AM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



NOTES:

ALL LANE DROPS TO BEGIN AT THE INTERSECTION PRIOR TO THE INTERSECTION WITH WORK DOWNSTREAM.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2 OVERVIEW	SHEET 165 E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025000-TC_S2.DWG
LAYOUT NAME - 407540_025030-tc_S2

PLOT DATE : 11/8/2024 4:12 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 44

2

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
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

N

LANE CLOSED
R11-2L
48"X30"

INSTALL LANE CLOSURE PER SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT" WHEN TWO THROUGH LANES ARE NOT BEING PROVIDED FOR EB STH 96 EAST OF I-41 SB OFF-RAMP & UNTIL STH 96 EB WIDENING EAST OF IH-41 ON RAMP IS COMPLETED.

CTH GV

N. COLORADO AVE

B-44-0157

PI: 112+27.54

PI: 118+56.40

PI: 125+07.90

BEGIN LEFT TURN LANE
R3-20L
24"X36"

STH 96

112+00 113+00 114+00 115 116+00 117+00 118+00 119+00 120 121+00 122+00 123+00 124+00 125 126+00 127+00

25' TYP.

LANE CLOSED
R11-2L
48"X30"

350'
ADVANCE WARNING SIGN SPACING

82'
TAPER LENGTH

SEE SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

FOX RIVER MALL ENTRANCE

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

125'
SHIFTING LANE TAPER

LANE CLOSED
R11-2L
48"X30"

500'

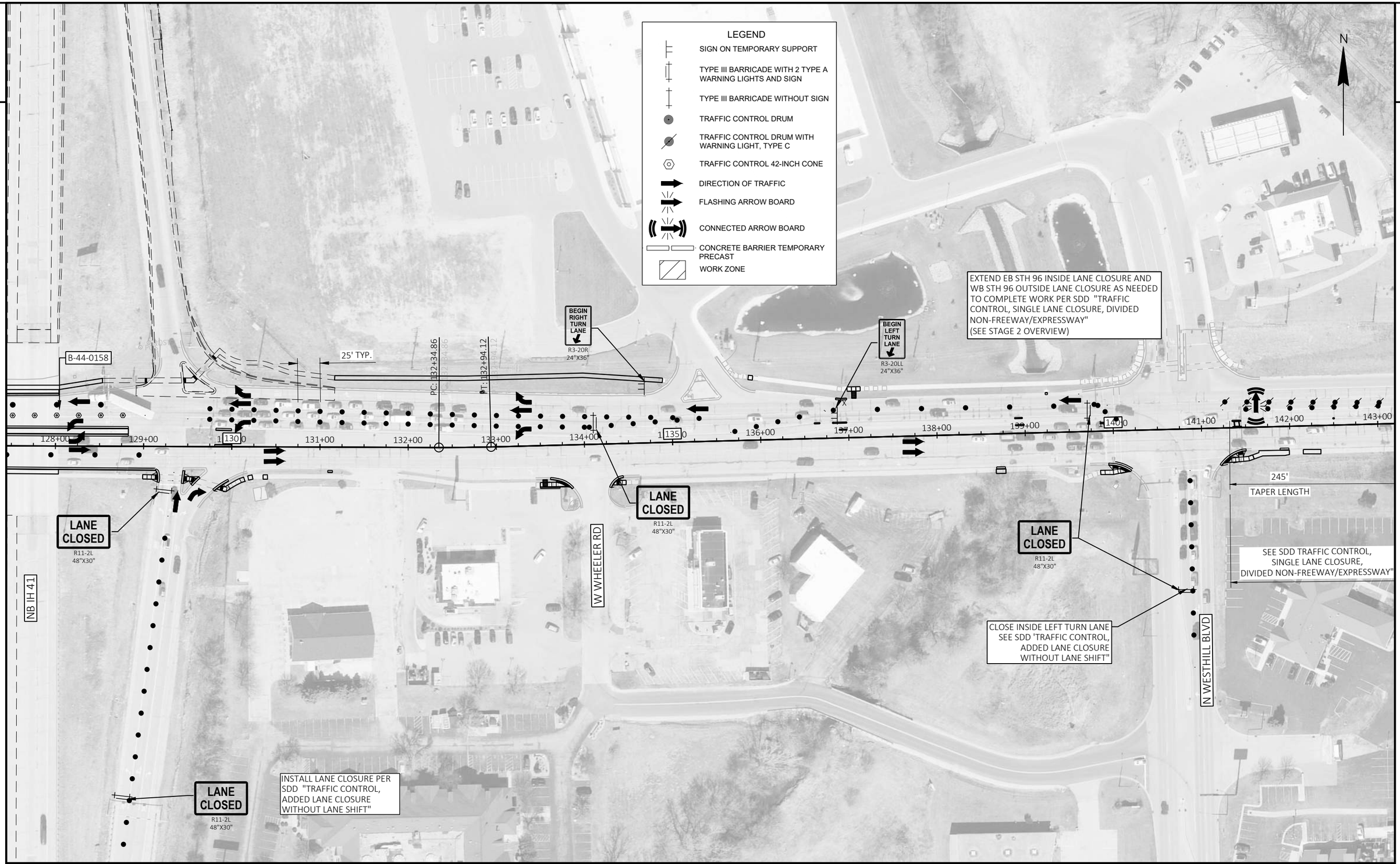
EXTEND EB STH 96 INSIDE LANE CLOSURE AND WB STH 96 OUTSIDE LANE CLOSURE AS NEEDED TO COMPLETE WORK PER SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY" (SEE STAGE 2 OVERVIEW)

LANE CLOSED
R11-2L
48"X30"

SB IH 41

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2	SHEET 166	E

2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2	SHEET 167	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025032.1-tc

PLOT DATE : 1/27/2025 12:33 PM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

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
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

N

EXTEND EB STH 96 INSIDE LANE CLOSURE AND WB STH 96 OUTSIDE LANE CLOSURE AS NEEDED TO COMPLETE WORK PER SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY" (SEE STAGE 2 OVERVIEW)

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

CLOSE INSIDE LEFT TURN LANE SEE SDD 'TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

245'
TAPER LENGTH

350'
BEGIN ADVANCE WARNING SIGN SPACING

SEE SDD TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"

139+00 140+00 141+00 142+00 143+00 144+00 145+00 146+00 147+00 148+00 149+00 150+00 151+00 152+00 153+00 154

STH 96

SIGN

N WESTHILL BLVD

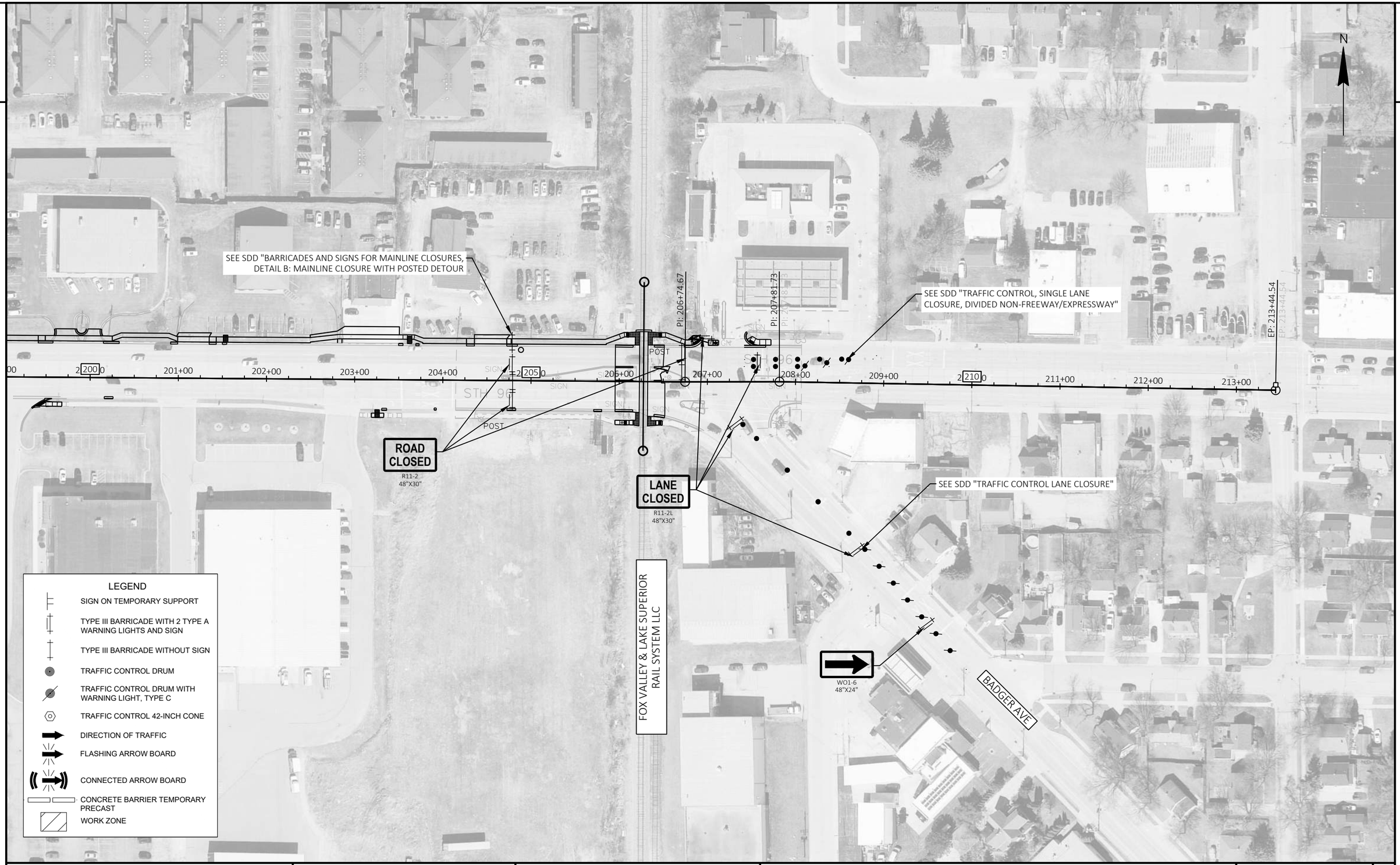
CN RAILROAD

N BLUEMOUND DR

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2	SHEET 168	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025032.2-tc

PLOT DATE : 1/27/2025 12:33 PM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2 RAILROAD CLOSURE	SHEET 169	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025033-tc
PLOT DATE : 1/24/2025 7:13 AM
PLOT BY : MATT TOMSOVIC
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

CTH GV

PI: 108+59.01

PI: 112+27.54

PI: 118+56.40

WO4-2L

25 MPH
WO13-1
36"X36"

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

BEGIN LEFT TURN LANE
R3-20LL
24"X36"

N. COLORADO AVE

STH 96

107+00 108+00 109+00 110 111+00 112+00 113+00 114+00 115 116+00 117+00 118+00 119+00 120 121+00 122+00

25' TYP.

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

125'
SHIFTING LANE TAPER

350'
ADVANCE WARNING SIGN SPACING

82'
TAPER LENGTH

SEE SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

FOX RIVER MALL ENTRANCE

LEGEND

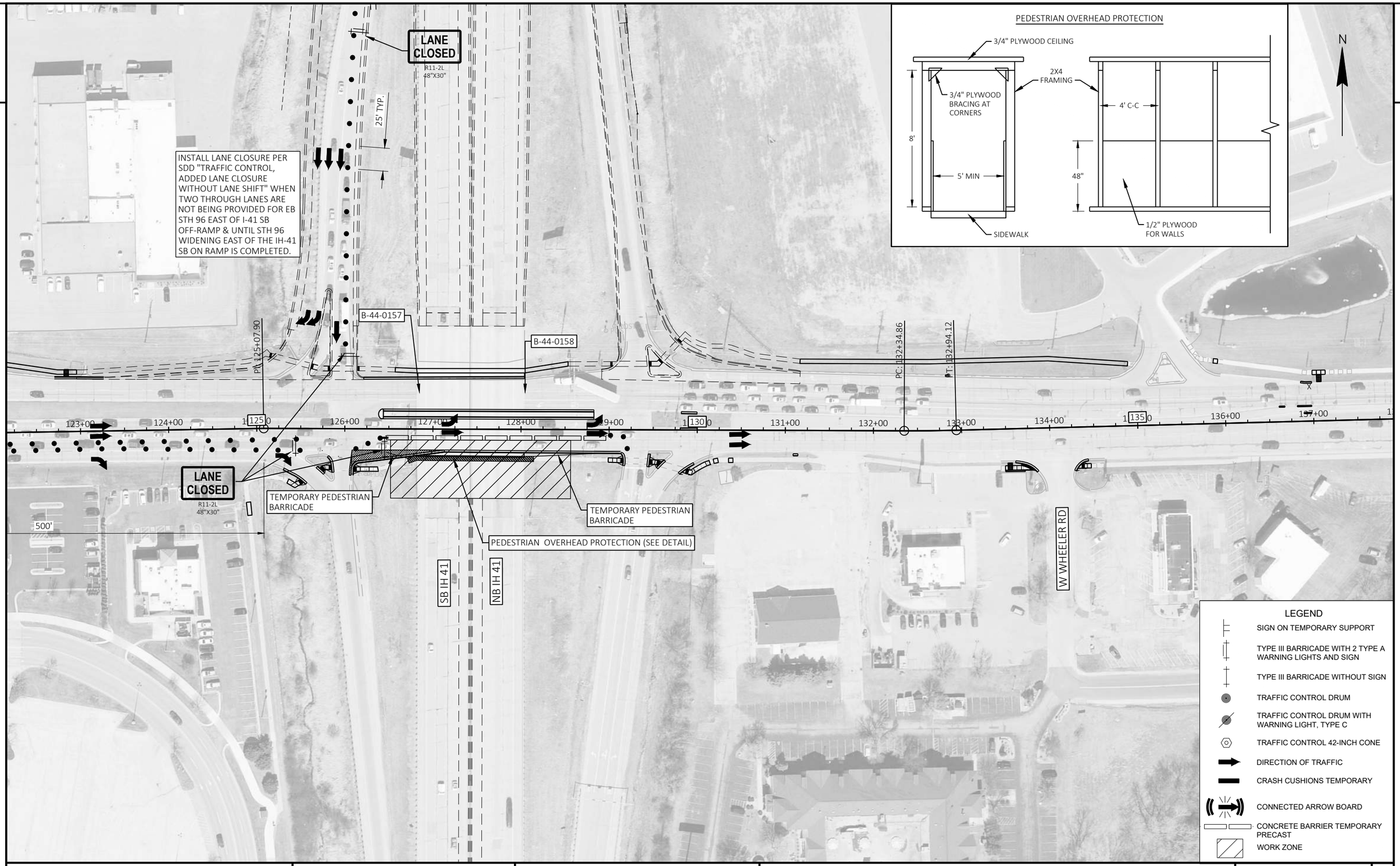
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE WITH 2 TYPE A WARNING LIGHTS AND SIGN
- TYPE III BARRICADE WITHOUT SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT, TYPE C
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- CRASH CUSHIONS TEMPORARY
- CONNECTED ARROW BOARD
-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

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2A	SHEET 170 E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025034-tc

PLOT DATE : 1/30/2025 9:46 AM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2A	SHEET 171	E

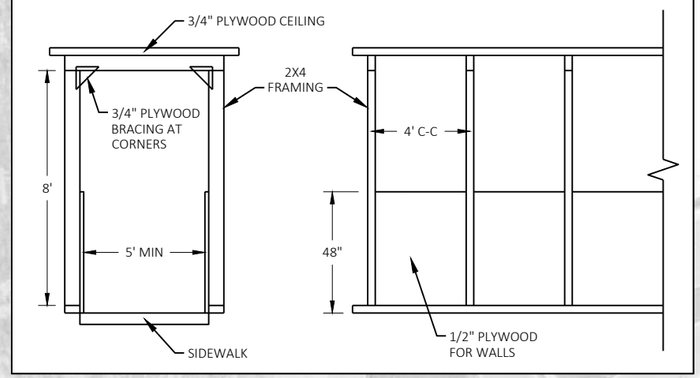
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025035-tc
PLOT DATE : 1/29/2025 2:37 PM
PLOT BY : MATT TOMSOVIC
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

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
- CRASH CUSHIONS TEMPORARY
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

PEDESTRIAN OVERHEAD PROTECTION



N

2

PM 125+07.90

B-44-0157

B-44-0158

PEDESTRIAN OVERHEAD PROTECTION (SEE DETAIL)

TEMPORARY PEDESTRIAN BARRICADE

TEMPORARY PEDESTRIAN BARRICADE

PC: 132+34.86

PT: 132+94.12

123+00 | 124+00 | 125+00 | 126+00 | 127+00 | 128+00 | 129+00 | 130+00 | 131+00 | 132+00 | 133+00 | 134+00 | 135+00 | 136+00 | 137+00

WO4-2L

25 MPH

WO13-1
36"X36"

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

SB IH 41

NB IH 41

25' TYP.

W WHEELER RD

INSTALL LANE CLOSURE PER SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2B	SHEET 172	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025047-tc

PLOT DATE : 1/30/2025 9:46 AM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

138+00 139+00 140+00 141+00 142+00 143+00 144+00 145+00 146+00 147+00 148+00 149+00 150+00 151+00 152+00 153+00

245'
TAPER LENGTH

350'
BEGIN ADVANCE WARNING SIGN SPACING

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"

LANE CLOSED
R11-2L
48"X30"

CLOSE INSIDE LEFT TURN LANE
SEE SDD "TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT"

N WESTHILL BLVD

CN RAILROAD

STH 96

SIGN

SIGN

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
- CRASH CUSHIONS TEMPORARY
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2B	SHEET 173	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025048-tc

PLOT DATE : 1/29/2025 2:37 PM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

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
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

N

PC: 132+34.86

PT: 132+94.12

132+00 133+00 134+00 135+00 136+00 137+00 138+00 139+00 140+00 141+00 142+00 143+00 144+00 145+00 146+00 147+00

350'

BEGIN ADVANCE WARNING SIGN SPACING

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"

W WHEELER RD

N WESTHILL BLVD

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 3	SHEET 174	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025051-tc

PLOT DATE : 1/28/2025 6:15 AM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

POPP LN

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"

235'
BUFFER SPACE (MODIFIED FROM SDD TO ACCOUNT FOR INTERSECTION)

245'
TAPER LENGTH

350' BEGIN ADVANCE WARNING SIGN SPACING

25' TYP.

PC: 155+07.51

PT: 159+38.

LANE CLOSED
R11-2L
48"X30"

BEGIN LEFT TURN LANE
R3-20LL
24"X36"

147+00 148+00 149+00 150 151+00 152+00 153+00 154+00 155 156+00 157+00 158+00 159+00 160 161+00 162

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

350'
BEGIN ADVANCE WARNING SIGN SPACING

245'
TAPER LENGTH

120'
BUFFER SPACE

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"

CN RAILROAD

N BLUEMOUND DR

INSTALL LANE CLOSURE AT INTERSECTION PER SDD "TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE"

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
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 3	SHEET 175	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_025001-TC.DWG
LAYOUT NAME - 407540_025052-tc

PLOT DATE : 1/27/2025 12:34 PM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY"

350'

BEGIN ADVANCE WARNING SIGN SPACING

PI: 176+09.77

162+00 163+00 164+00 165+00 166+00 167+00 168+00 169+00 170+00 171+00 172+00 173+00 174+00 175+00 176+00

W ELBERG AVE

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
- CONNECTED ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 3	SHEET 176	E

2

2

BP: 100+00.00

PI: 102+02.69

PI: 108+59.01

PI: 112+27.54

STH 96

CTH GV

CTH GV

CTH GV

N

102 104 105 106 108 110 112 114

CASALOMA DR

FOX RIVER MALL

SIDEWALK CLOSED
R9-9
24"X12"

LEGEND

1 TEMPORARY CURB RAMP

PROPOSED PEDESTRIAN ROUTE

PROPOSED PROJECT WORKZONE

DRUM

T-3 TYPE III BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

SIGN ON TEMPORARY SUPPORT

TEMPORARY PEDESTRIAN BARRICADE

PI: 118+56.40

SIDEWALK CLOSED
R9-9
24"X12"

N COLORADO AVE

EXISTING BUS STOP. TEMPORARY BUS STOP PAD MAY BE REQUIRED FOR RIGHT LANE CLOSURES USING SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, TEMPORARY BUS STOP PAD".

PI: 123+07.90

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

STH 96

115 116 118 120 122 124 125 126 128 130

IH 41 SB

IH 41 NB

N

ELECTRICAL WORK AT IH 41 NB RAMPS NEEDS TO BE COMPLETED PRIOR TO MAY 2026 AND BEFORE STAGE 2 CONSTRUCTION

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STAGE CONSTRUCTION - STAGE 1	SHEET 177	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_026001-S1.DWG
LAYOUT NAME - 407540_026001-S1

PLOT DATE : 1/23/2025 1:17 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

SIDEWALK CLOSED
R9-9
24"X12"

PC: 132+34.86

PT: 133+94.12

EXISTING BUS STOP. TEMPORARY BUS STOP PAD MAY BE REQUIRED FOR RIGHT LANE CLOSURES USING SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, TEMPORARY BUS STOP PAD".

STH 96

132 134 135 136 138 140 142 144 145

EXISTING BUS STOP. TEMPORARY BUS STOP PAD MAY BE REQUIRED FOR RIGHT LANE CLOSURES USING SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, TEMPORARY BUS STOP PAD".

N WHEELER RD

N WESTHILL BLVD

N

LEGEND

1 TEMPORARY CURB RAMP

PROPOSED PEDESTRIAN ROUTE

PROPOSED PROJECT WORKZONE

DRUM

T-3 TYPE III BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

SIGN ON TEMPORARY SUPPORT

TEMPORARY PEDESTRIAN BARRICADE

NOTE: DURING CONSTRUCTION OF NW CURB RAMP,USE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, CURB RAMP PEDESTRIAN TRAFFIC CONTROL SIDEWALK ON SINGLE SIDE FOR WORK AROUND CONSTRUCTION
ZONE. PEDS WILL BE MOVED INTO RIGHT TURN LANE ON BLUEMOUND DR. MIDDLE LANE WILL BE THROUGH/RIGHT TURN LANE. USE SDD TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY FOR LANE CLOSURE ON BLUEMOUND DR.

ONLY
R3-50L
30"X36"

R3-60R
30"X36"

CTH AA (BLUEMOUND DR)

NOTE: CONSTRUCT CURB RAMP IN NE QUADRANT BEFORE CURB RAMP IN NW QUADRANT. KEEP ONE NORTH/SOUTH CROSSWALK OPEN AT ALL TIMES.

TRUCK
M4-4
24"X12"

R3-1
24"X24"

T-3

LANE CLOSED
R11-2L
48"X30"

1

TEMPORARY DETECTABLE WARNING FIELD

CLOSE NORTH/SOUTH MOVEMENT ACROSS STH 96 IN SW QUADRANT DURING CONSTRUCTION OF NW CURB RAMP

CLOSE EAST/WEST MOVEMENT ACROSS BLUEMOUND DR IN NW QUADRANT DURING CONSTRUCTION OF NE CURB RAMP

TRUCK
M4-4
24"X12"

R3-1
24"X24"

C: 155+07.51

POPP LN

PT: 159+38.24

CN RAILROAD

STH 96

146 148 150 152 154 155 156 158 160

DETOUR
M4-9R
30"X24"

DETOUR
M4-9R
30"X24"

CTH A (BLUEMOUND DR)

DETOUR
M4-9L
30"X24"

CLOSE NORTH/SOUTH MOVEMENT ACROSS STH 96 IN SE QUADRANT DURING CONSTRUCTION OF NE CURB RAMP

N

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STAGE CONSTRUCTION - STAGE 1	SHEET 178	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_026001-S1.DWG
LAYOUT NAME - 407540_026002-S1

PLOT DATE : 1/23/2025 1:17 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

N REXFORD ST

STH 96

162 164 165 166 168 170 172 174 175 176

W ELBERG AVE

N HICKORY FARM LN

NOTE: DURING CONSTRUCTION OF NW CURB RAMP USE SDD "TRAFFIC CONTROL, PED. ACC. CURB RAMP PED. TRAFFIC CONTROL SIDEWALK ON SINGLE SIDE" TO ROUTE PEDS AROUND WORK ZONE IN NW CORNER. PEDS WILL CROSS LYNNDALE AND STAY ON NORTH SIDE UNTIL PERKINS STREET CROSSWALK. PEDS WILL BE MOVED INTO RIGHT TURN LANE ON LYNNDALE AND RIGHT LANE WILL BE THROUGH/RIGHT TURN MOVEMENT. CLOSE LANE ACCORDING TO SDD "TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY".
A TEMPORARY CROSSWALK WILL BE NEEDED ACROSS LYNNDALE TO MAINTAIN EAST/WEST MOVEMENT.

T-3

LANE CLOSED

R11-2L 48"X30"

1

80'-88'-108'

CTH A (N LYNNDALE DR)

ELECTRICAL WORK AT LYNNDALE DR NEEDS TO BE COMPLETED PRIOR TO BEGINNING STAGE 2 CONSTRUCTION

NOTE: ALL CURB RAMPS/SIDEWALK BETWEEN LYNNDALE AVE AND PERKINS ST MUST BE CONSTRUCTED PRIOR TO THE CONSTRUCTION OF THE NW CURB RAMP AT LYNNDALE/STH 96.

WILHARMS DR

TEMPORARY DETECTABLE WARNING FIELD

TEMPORARY CROSSWALK PAINT TRANSVERSE LINE 6-INCH

178 180 182 184 185 186 188 190 192

STH 96

TEMPORARY PEDESTRIAN BARRICADE

CLOSE NORTH/SOUTH MOVEMENT ACROSS STH 96 IN SW QUADRANT DURING CONSTRUCTION OF NW CURB RAMP. PEDESTRIANS MUST CROSS STH 96 AT PERKINS ST

DETOUR

M4-9R 30"X24"

CTH A (N LYNNDALE DR)

E SERVICE RD

LEGEND

- (1) TEMPORARY CURB RAMP
- PROPOSED PEDESTRIAN ROUTE
- PROPOSED PROJECT WORKZONE
- DRUM
- T-3 TYPE III BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE

PROJECT NO:	HWY:	COUNTY:	STAGE CONSTRUCTION - STAGE 1	SHEET 179	E

NOTE: DURING CONSTRUCTION OF CURB RAMP IN NW CORNER AT PERKINS, NO PED ACCESS IS REQUIRED DUE TO ABSENCE OF PED GENERATORS USING THIS CROSSING.

ELECTRICAL WORK AT N PERKINS ST NEEDS TO BE COMPLETED PRIOR TO BEGINNING STAGE 2 CONSTRUCTION

EXISTING BUS STOP. TEMPORARY BUS STOP PAD MAY BE REQUIRED FOR RIGHT LANE CLOSURES USING SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, TEMPORARY BUS STOP PAD".

NOTE: CLOSE NORTH/SOUTH CROSSING OF STH 96 AT NE QUADRANT OF MOTOMART/N BADGER AVE TO CONSTRUCT CURB RAMP. CLOSE/DETOUR SIDEWALK AT LINWOOD USING SDD TRAFFIC CONTROL, PED. ACC. SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES FOR PEDS HEADING WEST. USE NORTH/SOUTH CROSSING AT LINWOOD FOR DETOUR.

EXISTING BUS STOP. TEMPORARY BUS STOP PAD MAY BE REQUIRED FOR RIGHT LANE CLOSURES USING SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, TEMPORARY BUS STOP PAD".

EXISTING BUS STOP. TEMPORARY BUS STOP PAD MAY BE REQUIRED FOR RIGHT LANE CLOSURES USING SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, TEMPORARY BUS STOP PAD".

NOTE: PEDESTRIAN CROSSING OF RAILROAD TRACKS TO CLOSE FOR REPLACEMENT OF RAILROAD CROSSING ON STH 96. MAINTAIN PEDESTRIAN ACCESS AROUND CLOSING THROUGH USE OF VALLEY TRANSIT BUS LINES. COMPLETE SIDEWALK AND CURB RAMPS NEAR RAILROAD DURING STH 96 ROADWAY CLOSURE.

SIDEWALK CLOSED R9-9 24"X12"

DETOUR M4-9R 30"X24"

DETOUR M4-9L 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR M4-9BL 30"X24"

DETOUR M4-9BR 30"X24"

N PERKINS ST

N HARD DR

N BADGER AVE

N LINWOOD AVE

STH 96

POST

PI: 195+24.22

PI: 196+75.88

PI: 206+74.67

PI: 207+81.73

194 195 196 198 200 202 204 205 206 208 210 212

FOX VALLEY AND LAKE SUPERIOR RAILROAD

N

LEGEND

- (1) TEMPORARY CURB RAMP
- PROPOSED PEDESTRIAN ROUTE
- PROPOSED PROJECT WORKZONE
- DRUM
- (T-3) TYPE III BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STAGE CONSTRUCTION - STAGE 1	SHEET 180 E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_026001-S1.DWG
LAYOUT NAME - 407540_026004-S1

PLOT DATE : 1/23/2025 1:18 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

LEGEND

- (1) TEMPORARY CURB RAMP
- PROPOSED PEDESTRIAN ROUTE
- PROPOSED PROJECT WORKZONE
- DRUM
- T-3 TYPE III BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE

NOTE: DURING CONSTRUCTION OF CURB RAMPS AT IH 41 SB ON RAMP, IH 41 NB OFF RAMP, WHEELER RD AND SW QUADRANT OF WESTHILL BLVD PROVIDE PEDESTRIAN ACCESS ALONG THE NORTH SIDE OF STH 96, WISCONSIN AVE FRONTAGE RD, AND CTH GV INCLUDING CROSSING STH 96 AT CTH GV

NOTE: CONSTRUCT RAMPS CROSSING STH 96 AT GREENVILLE DR PRIOR TO RAMPS AT I 41 SB ON RAMP. HARD CLOSURE - NO DETOUR REQUIRED.

N

STH 96

CTH GV

PI: 108+59.01

PI: 112+27.54

104 105 106 108 110 112 114

SIDEWALK CLOSED R9-9 24"X12"

CASALOMA DR

FOX RIVER MALL

N COLORADO AVE

PI: 118+56.40

PI: 125+07.90

115 116 118 120 122 124 125 126 128 130

IH 41 SB

IH 41 NB

PEDESTRIAN ENCLOSURE ASSOCIATED WITH THE BRIDGE PAINTING WORK. SEE TRAFFIC CONTROL STAGE 2B PLAN SHEETS. COORDINATE WITH BRIDGE PAINTING ACCORDINGLY.

NOTE: CONSTRUCT RAMPS CROSSING STH 96 AT GREENVILLE DR PRIOR TO RAMPS AT I 41 SB ON RAMP.

PEDESTRIAN ENCLOSURE ASSOCIATED WITH THE BRIDGE PAINTING WORK. SEE TRAFFIC CONTROL STAGE 2A PLAN SHEETS. COORDINATE WITH BRIDGE PAINTING ACCORDINGLY.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STAGE CONSTRUCTION - STAGE 2	SHEET 181	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_026001-S1.DWG
LAYOUT NAME - 407540_026005-S2

PLOT DATE : 1/23/2025 1:18 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

PC: 132+34.86

PT: 133+94.12

STH 96

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

TO BE IN PLACE DURING CONSTRUCTION OF SW CURB RAMP

TEMPORARY MARKING CROSSWALK EPOXY 6-INCH

SIDEWALK CLOSED
R9-9
24"X12"

EXISTING BUS STOP. TEMPORARY BUS STOP PAD MAY BE REQUIRED FOR RIGHT LANE CLOSURES USING SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, TEMPORARY BUS STOP PAD".

N WHEELER RD

NOTE: CURB RAMP IN SW CORNER OF WESTHILL/STH 96 MUST REMAIN OPEN DURING CONSTRUCTION OF CURB RAMPS AT GREENVILLE DR/STH 96.

TEMPORARY DETECTABLE WARNING FIELD

N WESTHILL BLVD

T-3

LANE CLOSED
R11-2L
48"X30"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

NOTE: DURING CONSTRUCTION OF SE CURB RAMP, USE SDD 15D30-08i FOR WORK AROUND CONSTRUCTION ZONE. PEDESTRIANS WILL BE MOVED INTO RIGHT/THROUGH LANE ON WESTHILL BLVD. USE SDD "TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY" FOR THIS CLOSURE.

CONSTRUCT CURB RAMPS AT I 41 SB ON RAMP, 1 41 NB OFF RAMP, WHEELER RD, AND WESTHILL BLVD AFTER RAMPS AT GREENVILLE DRIVE ARE COMPLETE. CONSTRUCT WESTHILL BLVD. SE QUADRANT CURB RAMPS PRIOR TO WESTHILL BLVD. SW CURB RAMP.

ONCE SE QUADRANT CURB RAMPS ARE CONSTRUCTED, PROVIDE PEDESTRIAN ACCESS NORTH/SOUTH ACROSS STH 96 ON EAST SIDE OF WESTHILL BLVD. AND EAST/WEST ACROSS WESTHILL BLDV NORTH LEG TO PROVIDE PEDESTRIAN ACCESS DURING CONSTRUCTION OF CURB RAMPS AT I 41 SB ON RAMP, I 41 NB OFF RAMP, WHEELER RD, AND WESTHILL BLVD.

N

SIGNS TO BE IN PLACE DURING CONSTRUCTION OF BLUEMOUND DR/STH 96 SW AND SE CURB RAMPS

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

PC: 159+07.51

POPP LN

PT: 159+38.24

TRUCK
M4-4
24"X12"
R3-1
24"X24"

DETOUR
M4-9L
30"X24"

SIGN TO BE IN PLACE DURING CONSTRUCTION OF LYNNDALE DR SW QUADRANT RAMP, W ELBERG AVE RAMPS, AND N HICKORY FARM LN RAMPS

CN RAILROAD

CTH A (BLUEMOUND DR)

SIDEWALK CLOSED
R9-9
24"X12"

CLOSE EAST/WEST MOVEMENT ACROSS BLUEMOUND DR IN SW QUADRANT DURING CONSTRUCTION OF SE RAMP

NOTE: ALTERNATE CURB RAMP CONSTRUCTION IN SW AND SE QUADRANTS OF BLUEMOUND DR/STH 96. USE SDD "TRAFFIC CONTROL, PED. ACC. CURB RAMP PED. TRAFFIC CONTROL SIDEWALK ON SINGLE SIDE" FOR WORK AROUND CONSTRUCTION ZONE IN SW QUADRANT. DURING CONSTRUCTION OF SE CURB RAMP, PEDESTRIANS TRAVELING WEST MUST CROSS STH 96 AT LYNNDALE DR. KEEP ONE NORTH/SOUTH CROSSING OF STH 96 OPEN AT ALL TIMES AT THIS INTERSECTION.

LEGEND

- (1) TEMPORARY CURB RAMP
- PROPOSED PEDESTRIAN ROUTE
- PROPOSED PROJECT WORKZONE
- DRUM
- T-3 TYPE III BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STAGE CONSTRUCTION - STAGE 2	SHEET 182	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_026001-S1.DWG
LAYOUT NAME - 407540_026006-S2

PLOT DATE : 1/23/2025 1:18 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

PI: 176+09.77

N REXFORD ST

STH 96

162 164 165 166 168 170 172 174 175 176

W ELBERG AVE

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED R9-9 24"X12"

THE RAMPS AT W ELBERG AVE/STH 96 MAY NOT BE CLOSED IF OTHER CLOSURES ARE IN PLACE AT BLUEMOUND DR OR LYNNDALE AVE.

NOTE: RAMP CLOSURES AT W ELBERG AVE/STH 96 AND N HICKORY FARM LN/STH 96 MAY NOT BE IN PLACE SIMULTANEOUSLY

N HICKORY FARM LN

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED R9-9 24"X12"

THE RAMPS AT N HICKORY FARM LN/STH 96 MAY NOT BE CLOSED IF OTHER CLOSURES ARE IN PLACE AT BLUEMOUND DR OR LYNNDALE AVE.

LEGEND

1 TEMPORARY CURB RAMP

PROPOSED PEDESTRIAN ROUTE

PROPOSED PROJECT WORKZONE

DRUM

T-3 TYPE III BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

SIGN ON TEMPORARY SUPPORT

TEMPORARY PEDESTRIAN BARRICADE

SIGN TO BE IN PLACE DURING CONSTRUCTION OF LYNNDALE DR SW CURB RAMP

R9-11R SIGN TO BE IN PLACE DURING CONSTRUCTION OF BLUEMOUND DR SE QUADRANT RAMP, W ELBERG AVE RAMPS, AND N HICKORY FARM LN RAMPS. R9-11L TO BE IN PLACE IN SAME LOCATION DURING CONSTRUCTION OF PERKINS ST SW QUADRANT RAMP

DETOUR M4-9L 30"X24"

PI: 179+83.08

CTH A (N LYNNDALE DR)

TEMPORARY CROSSWALK PAINT TRANSVERSE LINE 6-INCH

TEMPORARY DETECTABLE WARNING FIELD

WILHARMS DR

N

178 180 182 184 185 186 188 190 192

STH 96

DETOUR M4-9L 30"X24" OR DETOUR M4-9R 30"X24"

1

E SERVICE RD

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED R9-9 24"X12"

THE RAMPS AT WILHARMS DR/STH 96 MAY NOT BE CLOSED IF OTHER CLOSURES ARE IN PLACE AT LYNNDALE AVE OR IN THE SOUTHWEST QUADRANT AT PERKINS ST/STH 96

SIGN TO BE IN PLACE DURING CONSTRUCTION OF PERKINS ST/STH 96 SW CURB RAMP CONSTRUCTION

NOTE: ALTERNATE CURB RAMP CONSTRUCTION IN SW AND SE QUADRANTS OF LYNNDALE DR/STH 96. CURB RAMP IN SW QUADRATE AT LYNNDALE DR MAY NOT BE CONSTRUCTED AT THE SAME TIME AS THE CURB RAMP IN THE SE QUADRANT AT BLUEMOUND DR. DURING CONSTRUCTION OF SW CURB RAMP, PEDESTRIANS MUST CROSS STH 96 AT BLUEMOUND DR OR PERKINS ST. USE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATIONM, CURB RAMP PED. TRAFFIC CONTROL SIDEWALK ON SINGLE SIDE" FOR WORK AROUND CONSTRUCTION ZONE IN SE QUADRANT.

T-3

LANE CLOSED R11-2L 48"X30"

CLOSE EAST/WEST MOVEMENT ACROSS LYNNDALE DR DURING CONSTRUCTION OF SW RAMP

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STAGE CONSTRUCTION - STAGE 2	SHEET 183	E

2

SIGN TO BE IN PLACE DURING CONSTRUCTION OF PERKINS ST SW QUADRANT RAMP

TEMPORARY CROSSWALK PAINT TRANSVERSE LINE 6-INCH

EXISTING BUS STOP. TEMPORARY BUS STOP PAD MAY BE REQUIRED FOR RIGHT LANE CLOSURES USING SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, TEMPORARY BUS STOP PAD".

DETOUR
M4-9L
30"X24"

N PERKINS ST

TEMPORARY CURB RAMPS WITH TEMPORARY DETECTABLE WARNING FIELD

TEMPORARY MID-BLOCK PEDESTRIAN CROSSING TO BE IN PLACE DURING ROADWAY CLOSURE FOR RAILROAD CROSSING WORK.

DETOUR
M4-9R
30"X24"

SIGN TO BE IN PLACE DURING CONSTRUCTION OF LYNNDALE DR SW QUADRANT RAMP AND WILHARMS DR RAMPS

STH 96

196 198 200 202 204 206

TEMPORARY PEDESTRIAN BARRICADE, TYP.

TEMPORARY CROSSWALK PAINT TRANSVERSE LINE 6-INCH

POST

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9L
30"X24"

SIGN TO BE IN PLACE DURING CONSTRUCTION OF SE QUADRANT CURB RAMP AT PERKINS ST/STH 96 & N HARD DR RAMPS

SIGN TO BE IN PLACE DURING CONSTRUCTION OF SE & SW QUADRANT CURB RAMP AT PERKINS ST/STH 96

EXISTING BUS STOP. TEMPORARY BUS STOP PAD MAY BE REQUIRED FOR RIGHT LANE CLOSURES USING SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, TEMPORARY BUS STOP PAD".

N HARD DR

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

THE RAMPS AT N HARD DR DR/STH 96 MAY NOT BE CLOSED IF OTHER CLOSURES ARE IN PLACE AT N PERKINS ST E OR IN THE SW QUADRANT OF N BADGER AVE

EXISTING BUS STOP. TEMPORARY BUS STOP PAD MAY BE REQUIRED FOR RIGHT LANE CLOSURES USING SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, TEMPORARY BUS STOP PAD".

NOTE: PEDESTRIAN CROSSING OF RAILROAD TRACKS TO CLOSE FOR REPLACEMENT OF RAILROAD CROSSING ON STH 96. COMPLETE SIDEWALK AND CURB RAMPS ON SOUTHSIDE OF STH 96 WITHIN THE FIRST 6 DAYS OF THE CLOSURE. PLACE PEDESTRIAN BARRICADES ALONG NORTHSIDE OF NEWLY CONSTRUCTED SIDEWALK FOR REMAINDER OF RAILROAD CLOSURE.

SIDEWALK CLOSED
R9-9
24"X12"

N BADGER AVE

FOX VALLEY AND LAKE SUPERIOR RAILROAD

NOTE: THE EAST/WEST CROSSING OF PERKINS ST MUST BE CLOSED DURING THE CONSTRUCTION OF THE SE & SW CURB RAMPS AND THE NORTH/SOUTH CROSSING OF STH 96 MUST BE CLOSED DURING THE CONSTRUCTION OF THE SW CURB RAMP.

N

2

OSSING
URE

POST

STH 96

206 208 210 212

STH 96

N BADGER AVE

DETOUR
M4-9R
30"X24"

SIGN TO BE IN PLACE DURING CONSTRUCTION OF PERKINS ST SW & SE QUADRANT RAMPS AND N HARD DR RAMPS

N LINWOOD AVE

N LINWOOD AVE

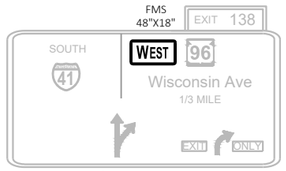
FOX VALLEY AND LAKE SUPERIOR RAILROAD

LEGEND

- (1) TEMPORARY CURB RAMP
- PROPOSED PEDESTRIAN ROUTE
- PROPOSED PROJECT WORKZONE
- DRUM
- T-3 TYPE III BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	STAGE CONSTRUCTION - STAGE 2	SHEET 184	E

39



MODIFY/COVER TYPE 1 SIGN

40



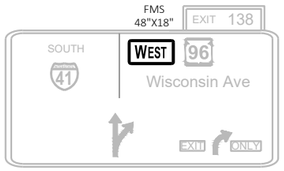
41 41A 43 43B



42



42A



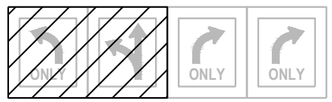
MODIFY/COVER TYPE 1 SIGN

44



COVER

45



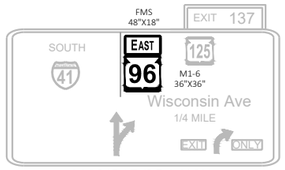
COVER

46



COVER

47

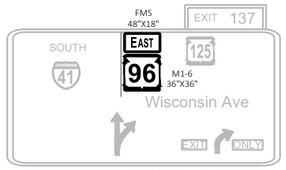


MODIFY TYPE 1 SIGN

48 49 63 64



50



MODIFY TYPE 1 SIGN

51 52 66 67



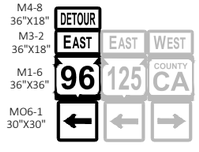
54 55



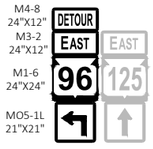
58



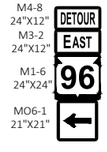
56 57



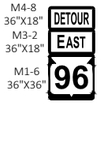
59



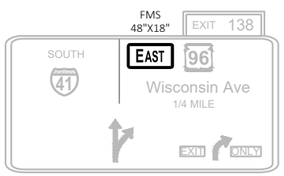
60



61 61A

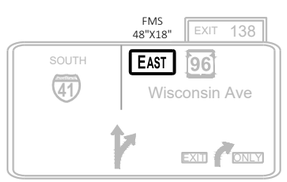


62



MODIFY TYPE 1 SIGN

65

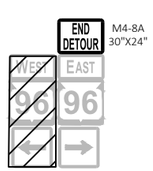


MODIFY TYPE 1 SIGN

68



69



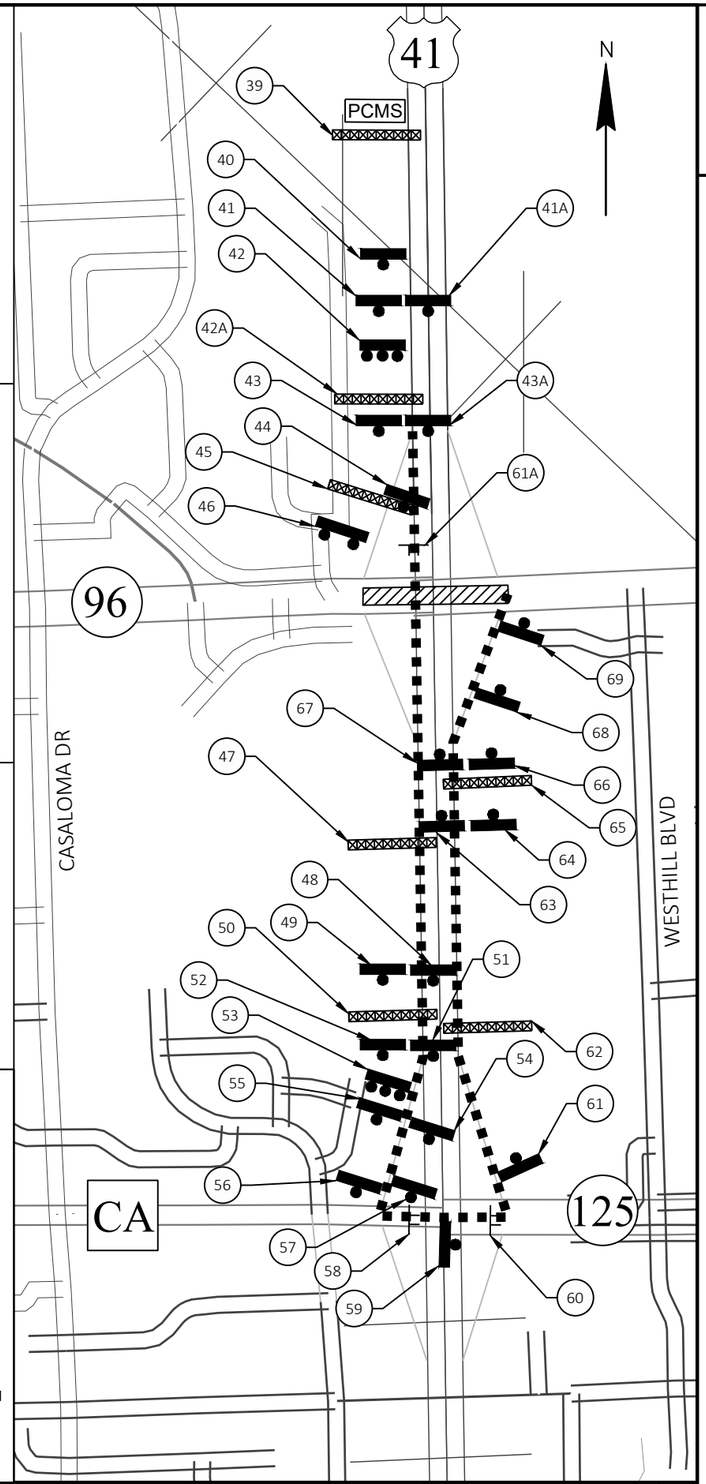
COVER

53



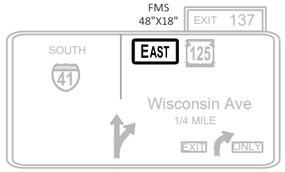
LEGEND

- DETOUR ROUTE
- POST MOUNTED SIGN
- WORK AREA
- XX — SIGN NUMBER
- OVERHEAD SIGN BRIDGE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- SIGN ON TEMPORARY SUPPORT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	DETOUR - IH-41 SB TO STH 96 EB	SHEET 185	E

70



MODIFY TYPE 1 SIGN

71



72 75

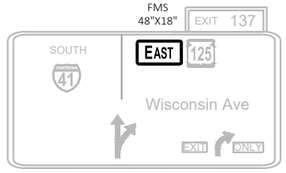
72A 75A



73



74



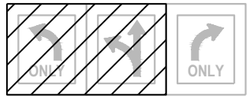
MODIFY TYPE 1 SIGN

76



COVER

77



COVER

78

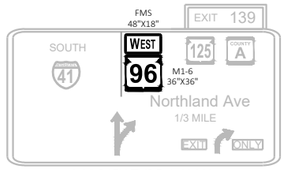


COVER

79 90



80

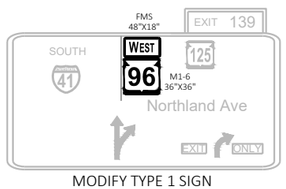


MODIFY TYPE 1 SIGN

81 82 92 93



83



MODIFY TYPE 1 SIGN

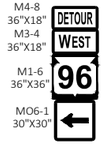
84 85 95 96



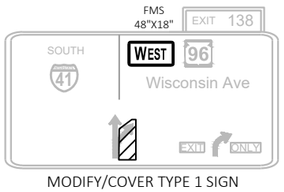
86 88



87 89

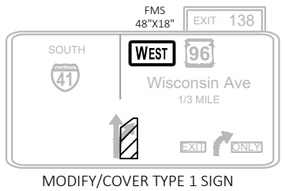


91



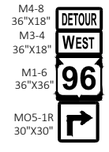
MODIFY/COVER TYPE 1 SIGN

94



MODIFY/COVER TYPE 1 SIGN

97

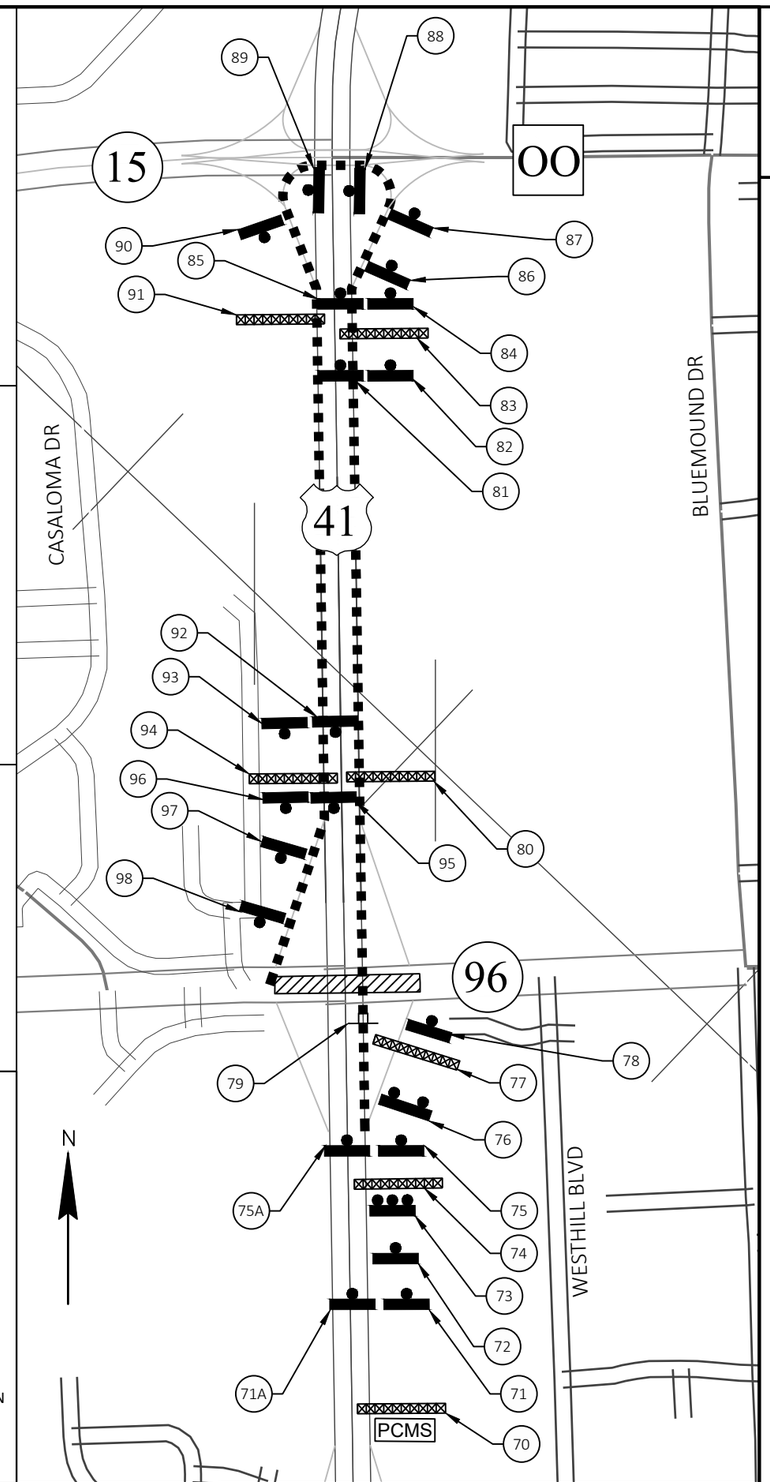


98



LEGEND

- DETOUR ROUTE
- POST MOUNTED SIGN
- WORK AREA
- XX — SIGN NUMBER
- OVERHEAD SIGN BRIDGE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- SIGN ON TEMPORARY SUPPORT



2

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	DETOUR - IH-41 NB TO STH 96 WB	SHEET 186	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_027001-DT.DWG
LAYOUT NAME - 407540_027005-dt

PLOT DATE : 1/30/2025 11:15 AM PLOT BY : BRANDI SWANSON PLOT NAME : PLOT SCALE : 1 IN:1000 FT

100



M3-1 24"X12"
M1-1 24"X24"
W20-2A 48"X48"

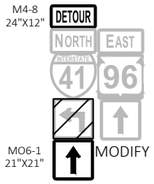
101



M4-8 24"X12"

MODIFY TYPE 1 SIGN

102



M4-8 24"X12"
MO6-1 21"X21"

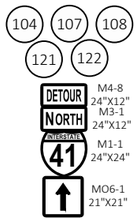
MODIFY

103



COVER

104 107 108 121 122



M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"
MO6-1 21"X21"

105



M4-8 24"X12"
MO6-1 21"X21"

MODIFY

106 109



M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"

110 111 115 116



M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"
MO5-1L 21"X21"

112



M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"
MO6-1 21"X21"

113 118



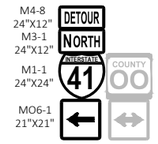
M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"
MO6-1 21"X21"

114



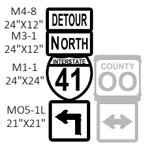
M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"

117



M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"
MO6-1 21"X21"

119



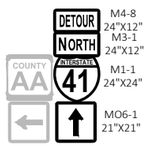
M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"
MO5-1L 21"X21"

120



M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"

123



M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"
MO6-1 21"X21"

124



M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"
MO5-1R 21"X21"

125



M4-8 24"X12"
M3-1 24"X12"
M1-1 24"X24"
MO6-1 21"X21"

126



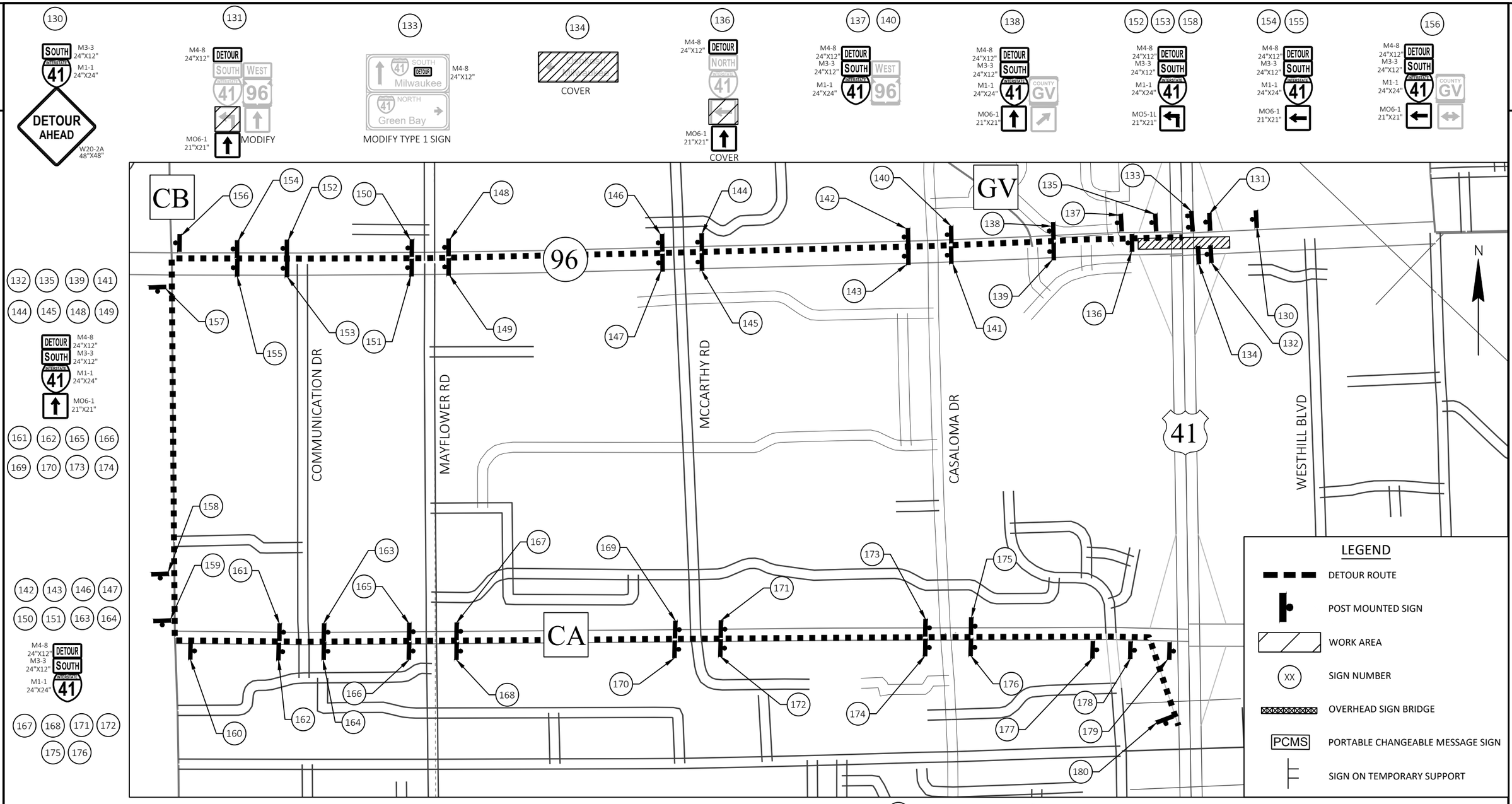
M4-8A 24"X18"
M3-1 24"X12"
M1-1 24"X24"

LEGEND

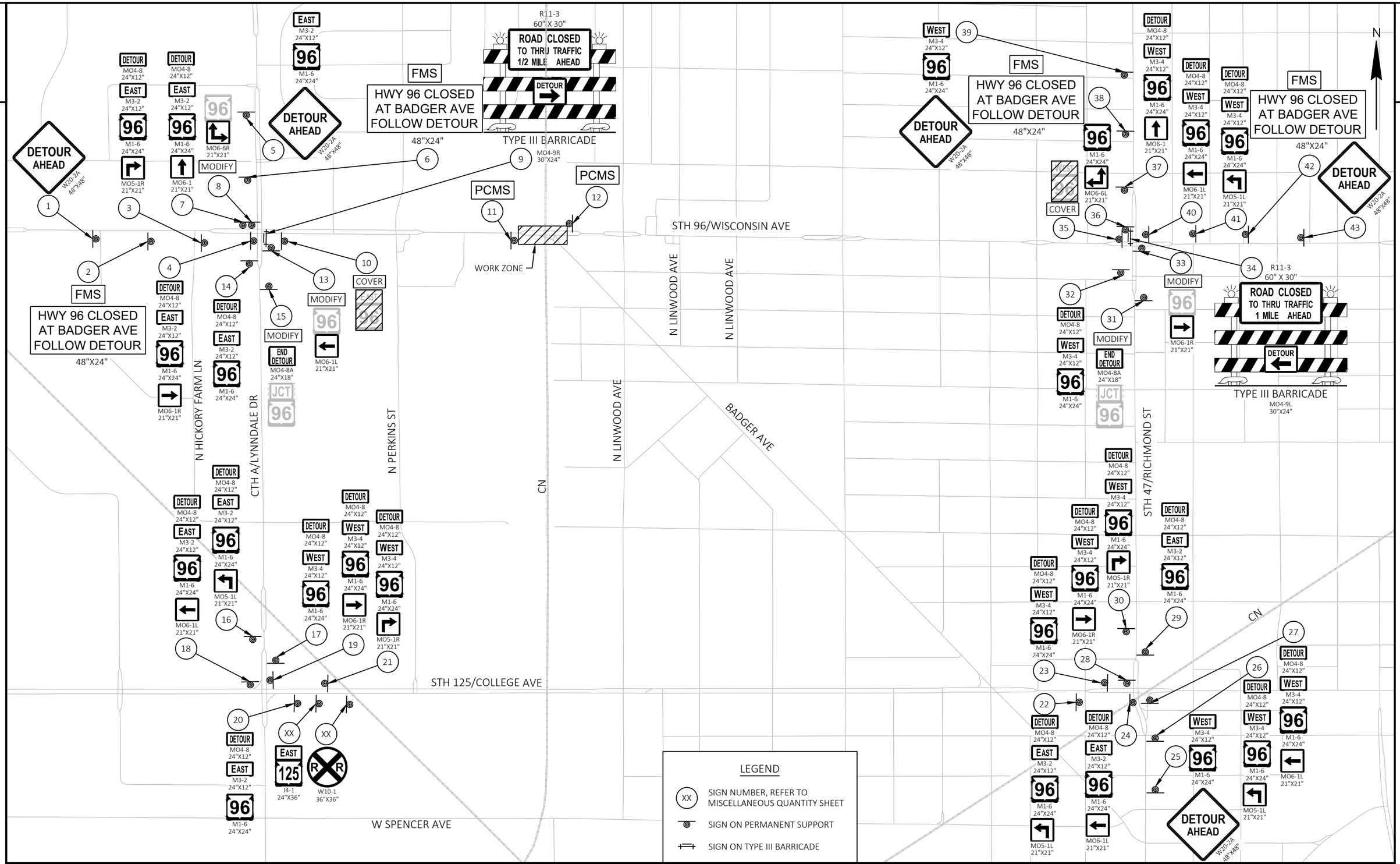
- DETOUR ROUTE
- POST MOUNTED SIGN
- WORK AREA
- XX — SIGN NUMBER
- OVERHEAD SIGN BRIDGE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- SIGN ON TEMPORARY SUPPORT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	DETOUR - STH 96 EB TO IH-41 NB	SHEET 187	E



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	DETOUR - STH 96 WB TO IH-41 SB	SHEET 188	E



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	DETOUR SIGNING DETAILS	SHEET 189	E

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 027001-dt

PLOT DATE : 1/27/2025 9:53 AM PLOT BY : SMITH, JENNIFER B PLOT NAME : PLOT SCALE : 1:800

Estimate Of Quantities

4075-40-71

Line	Item	Item Description	Unit	Total	Qty
0002	203.0100	Removing Small Pipe Culverts	EACH	2.000	2.000
0004	204.0100	Removing Concrete Pavement	SY	1,960.000	1,960.000
0006	204.0105	Removing Concrete Pavement Butt Joints	SY	177.000	177.000
0008	204.0115	Removing Asphaltic Surface Butt Joints	SY	147.000	147.000
0010	204.0120	Removing Asphaltic Surface Milling	SY	61,150.000	61,150.000
0012	204.0150	Removing Curb & Gutter	LF	2,995.000	2,995.000
0014	204.0155	Removing Concrete Sidewalk	SY	1,066.000	1,066.000
0016	204.0165	Removing Guardrail	LF	210.000	210.000
0018	204.0170	Removing Fence	LF	8.000	8.000
0020	204.0190	Removing Surface Drains	EACH	1.000	1.000
0022	204.0195	Removing Concrete Bases	EACH	12.000	12.000
0024	204.0210	Removing Manholes	EACH	1.000	1.000
0026	204.0220	Removing Inlets	EACH	14.000	14.000
0028	204.0245	Removing Storm Sewer (size) 02. 12-Inch	LF	411.000	411.000
0030	204.0245	Removing Storm Sewer (size) 03. 15-Inch	LF	101.000	101.000
0032	204.0245	Removing Storm Sewer (size) 04. 18-Inch	LF	32.000	32.000
0034	204.0245	Removing Storm Sewer (size) 05. 36-Inch	LF	16.000	16.000
0036	204.0245	Removing Storm Sewer (size) 06. 19x30-Inch	LF	169.000	169.000
0038	204.0246	Removing Ancillary Structure (structure) 01. S-44-1	EACH	1.000	1.000
0040	204.9060.S	Removing (item description) 01. Removing Buisness Sign STA 205+00	EACH	1.000	1.000
0042	204.9060.S	Removing (item description) 02. Removing Buisness Light Pole	EACH	2.000	2.000
0044	204.9060.S	Removing (item description) 03. Removing Business Sign STA 201+90	EACH	1.000	1.000
0046	205.0100	Excavation Common	CY	2,343.000	2,343.000
0048	209.1500	Backfill Granular Grade 1	TON	2.000	2.000
0050	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 4075-40-71	EACH	1.000	1.000
0052	213.0100	Finishing Roadway (project) 01. 4075-40-71	EACH	1.000	1.000
0054	214.0100	Obliterating Old Road	STA	1.000	1.000
0056	305.0110	Base Aggregate Dense 3/4-Inch	TON	900.000	900.000
0058	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	645.000	645.000
0060	305.0500	Shaping Shoulders	STA	16.000	16.000
0062	310.0110	Base Aggregate Open-Graded	TON	69.000	69.000
0064	311.0110	Breaker Run	TON	67.000	67.000
0066	312.0110	Select Crushed Material	TON	334.000	334.000
0068	320.0150	Concrete Base 8 1/2-Inch	SY	80.000	80.000
0070	390.0100	Removing Pavement for Base Patching	CY	2,805.000	2,805.000
0072	390.0405	Base Patching Concrete SHES	CY	2,805.000	2,805.000
0074	415.0090	Concrete Pavement 9-Inch	SY	4.000	4.000
0076	416.0610	Drilled Tie Bars	EACH	2,198.000	2,198.000
0078	416.0620	Drilled Dowel Bars	EACH	12,178.000	12,178.000
0080	416.1715	Concrete Pavement Repair SHES	SY	618.000	618.000
0082	416.1725	Concrete Pavement Replacement SHES	SY	519.000	519.000
0084	450.4000	HMA Cold Weather Paving	TON	2,648.000	2,648.000
0086	455.0605	Tack Coat	GAL	9,926.000	9,926.000
0088	460.2000	Incentive Density HMA Pavement	DOL	1,470.000	1,470.000
0090	460.6424	HMA Pavement 4 MT 58-28 H	TON	10,780.000	10,780.000
0092	465.0105	Asphaltic Surface	TON	95.000	95.000
0094	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	126.000	126.000
0096	465.0125	Asphaltic Surface Temporary	TON	442.000	442.000
0098	517.1801.S	Structure Repainting Recycled Abrasive (structure) 01. B-44-0157	EACH	1.000	1.000

4075-40-71

Line	Item	Item Description	Unit	Total	Qty
0100	517.1801.S	Structure Repainting Recycled Abrasive (structure) 02. B-44-0158	EACH	1.000	1.000
0102	517.4501.S	Negative Pressure Containment and Collection of Waste Materials (structure) 01. B-44-0157	EACH	1.000	1.000
0104	517.4501.S	Negative Pressure Containment and Collection of Waste Materials (structure) 02. B-44-0158	EACH	1.000	1.000
0106	517.6001.S	Portable Decontamination Facility	EACH	2.000	2.000
0108	520.8000	Concrete Collars for Pipe	EACH	43.000	43.000
0110	521.1015	Apron Endwalls for Culvert Pipe Steel 15-Inch	EACH	1.000	1.000
0112	521.1030	Apron Endwalls for Culvert Pipe Steel 30-Inch	EACH	1.000	1.000
0114	522.1012	Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	EACH	2.000	2.000
0116	522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH	1.000	1.000
0118	601.0105	Concrete Curb Type A	LF	38.000	38.000
0120	601.0405	Concrete Curb & Gutter 18-Inch Type A	LF	508.000	508.000
0122	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	90.000	90.000
0124	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	2,414.000	2,414.000
0126	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	393.000	393.000
0128	601.0600	Concrete Curb Pedestrian	LF	171.000	171.000
0130	602.0405	Concrete Sidewalk 4-Inch	SF	35,865.000	35,865.000
0132	602.0415	Concrete Sidewalk 6-Inch	SF	7,930.000	7,930.000
0134	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	460.000	460.000
0136	602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF	402.000	402.000
0138	602.0820	Concrete Driveway 8-Inch	SY	437.000	437.000
0140	602.0870	Concrete Driveway HES 8-Inch	SY	100.000	100.000
0142	603.8000	Concrete Barrier Temporary Precast Delivered	LF	1,100.000	1,100.000
0144	603.8125	Concrete Barrier Temporary Precast Installed	LF	1,425.000	1,425.000
0146	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	244.000	244.000
0148	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	101.000	101.000
0150	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	40.000	40.000
0152	608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	16.000	16.000
0154	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	309.000	309.000
0156	608.2419	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF	169.000	169.000
0158	608.6012	Storm Sewer Pipe Composite 12-Inch	LF	4.000	4.000
0160	608.6015	Storm Sewer Pipe Composite 15-Inch	LF	15.000	15.000
0162	611.0420	Reconstructing Manholes	EACH	1.000	1.000
0164	611.0430	Reconstructing Inlets	EACH	12.000	12.000
0166	611.0530	Manhole Covers Type J	EACH	1.000	1.000
0168	611.0612	Inlet Covers Type C	EACH	1.000	1.000
0170	611.0624	Inlet Covers Type H	EACH	2.000	2.000
0172	611.0639	Inlet Covers Type H-S	EACH	16.000	16.000
0174	611.2004	Manholes 4-FT Diameter	EACH	1.000	1.000
0176	611.2006	Manholes 6-FT Diameter	EACH	1.000	1.000
0178	611.3230	Inlets 2x3-FT	EACH	17.000	17.000
0180	611.8110	Adjusting Manhole Covers	EACH	18.000	18.000
0182	611.8115	Adjusting Inlet Covers	EACH	35.000	35.000
0184	612.0106	Pipe Underdrain 6-Inch	LF	10.000	10.000
0186	614.0905	Crash Cushions Temporary	EACH	2.000	2.000
0188	616.0205	Fence Chain Link 5-FT	LF	8.000	8.000
0190	618.0100	Maintenance and Repair of Haul Roads (project) 01. 4075-40-71	EACH	1.000	1.000
0192	619.1000	Mobilization	EACH	1.000	1.000

Estimate Of Quantities

4075-40-71

Line	Item	Item Description	Unit	Total	Qty
0194	620.0300	Concrete Median Sloped Nose	SF	131.000	131.000
0196	624.0100	Water	MGAL	8.590	8.590
0198	625.0500	Salvaged Topsoil	SY	8,900.000	8,900.000
0200	627.0200	Mulching	SY	2,170.000	2,170.000
0202	628.1504	Silt Fence	LF	1,530.000	1,530.000
0204	628.1520	Silt Fence Maintenance	LF	1,530.000	1,530.000
0206	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000
0208	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000
0210	628.2004	Erosion Mat Class I Type B	SY	2,900.000	2,900.000
0212	628.2006	Erosion Mat Urban Class I Type A	SY	3,830.000	3,830.000
0214	628.7010	Inlet Protection Type B	EACH	4.000	4.000
0216	628.7015	Inlet Protection Type C	EACH	121.000	121.000
0218	628.7020	Inlet Protection Type D	EACH	69.000	69.000
0220	628.7504	Temporary Ditch Checks	LF	115.000	115.000
0222	628.7555	Culvert Pipe Checks	EACH	10.000	10.000
0224	628.7570	Rock Bags	EACH	90.000	90.000
0226	629.0210	Fertilizer Type B	CWT	5.590	5.590
0228	630.0130	Seeding Mixture No. 30	LB	130.000	130.000
0230	630.0140	Seeding Mixture No. 40	LB	272.000	272.000
0232	630.0500	Seed Water	MGAL	1,383.000	1,383.000
0234	633.5200	Markers Culvert End	EACH	5.000	5.000
0236	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	2.000	2.000
0238	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	20.000	20.000
0240	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	4.000	4.000
0242	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	5.000	5.000
0244	637.2210	Signs Type II Reflective H	SF	20.000	20.000
0246	638.2102	Moving Signs Type II	EACH	46.000	46.000
0248	638.2602	Removing Signs Type II	EACH	3.000	3.000
0250	638.3000	Removing Small Sign Supports	EACH	32.000	32.000
0252	643.0300	Traffic Control Drums	DAY	141,330.000	141,330.000
0254	643.0420	Traffic Control Barricades Type III	DAY	5,272.000	5,272.000
0256	643.0705	Traffic Control Warning Lights Type A	DAY	8,265.000	8,265.000
0258	643.0715	Traffic Control Warning Lights Type C	DAY	10,270.000	10,270.000
0260	643.0800	Traffic Control Arrow Boards	DAY	215.000	215.000
0262	643.0810.S	Connected Arrow Board	DAY	530.000	530.000
0264	643.0900	Traffic Control Signs	DAY	20,520.000	20,520.000
0266	643.0910	Traffic Control Covering Signs Type I	EACH	2.000	2.000
0268	643.0920	Traffic Control Covering Signs Type II	EACH	23.000	23.000
0270	643.1000	Traffic Control Signs Fixed Message	SF	98.000	98.000
0272	643.1050	Traffic Control Signs PCMS	DAY	193.000	193.000
0274	643.1070	Traffic Control Cones 42-Inch	DAY	4,680.000	4,680.000
0276	643.1220.S	Connected Work Zone Start and End Location Markers	DAY	1,065.000	1,065.000
0278	643.3165	Temporary Marking Line Paint 6-Inch	LF	240.000	240.000
0280	643.3265	Temporary Marking Line Paint 10-Inch	LF	1,000.000	1,000.000
0282	643.3305	Temporary Marking Crosswalk Paint 6-inch	LF	942.000	942.000
0284	643.5000	Traffic Control	EACH	1.000	1.000
0286	644.1410	Temporary Pedestrian Surface Asphalt	SF	920.000	920.000
0288	644.1430	Temporary Pedestrian Surface Plate	SF	600.000	600.000
0290	644.1601	Temporary Pedestrian Curb Ramp	DAY	301.000	301.000

4075-40-71

Line	Item	Item Description	Unit	Total	Qty
0292	644.1605	Temporary Pedestrian Detectable Warning Field	SF	410.000	410.000
0294	644.1810	Temporary Pedestrian Barricade	LF	1,866.000	1,866.000
0296	645.0112	Geotextile Type DF Schedule B	SY	6.000	6.000
0298	646.2020	Marking Line Epoxy 6-Inch	LF	395.000	395.000
0300	646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	24,850.000	24,850.000
0302	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	50,480.000	50,480.000
0304	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	1,920.000	1,920.000
0306	646.4705	Marking Line Same Day Paint 6-Inch	LF	14,620.000	14,620.000
0308	646.4805	Marking Line Same Day Paint 10-Inch	LF	8,294.000	8,294.000
0310	646.5020	Marking Arrow Epoxy	EACH	65.000	65.000
0312	646.5120	Marking Word Epoxy	EACH	15.000	15.000
0314	646.5320	Marking Railroad Crossing Epoxy	EACH	5.000	5.000
0316	646.6120	Marking Stop Line Epoxy 18-Inch	LF	405.000	405.000
0318	646.6466	Cold Weather Marking Epoxy 6-Inch	LF	50,870.000	50,870.000
0320	646.6470	Cold Weather Marking Epoxy 10-Inch	LF	1,920.000	1,920.000
0322	646.7120	Marking Diagonal Epoxy 12-Inch	LF	30.000	30.000
0324	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	3,690.000	3,690.000
0326	646.8120	Marking Curb Epoxy	LF	160.000	160.000
0328	646.8220	Marking Island Nose Epoxy	EACH	18.000	18.000
0330	646.9000	Marking Removal Line 4-Inch	LF	210.000	210.000
0332	646.9002	Marking Removal Line 6-Inch	LF	700.000	700.000
0334	646.9100	Marking Removal Line 8-Inch	LF	625.000	625.000
0336	646.9102	Marking Removal Line 10-Inch	LF	1,000.000	1,000.000
0338	646.9300	Marking Removal Special Marking	EACH	5.000	5.000
0340	650.4000	Construction Staking Storm Sewer	EACH	23.000	23.000
0342	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	520.000	520.000
0344	650.8000	Construction Staking Resurfacing Reference	LF	10,524.000	10,524.000
0346	650.8501	Construction Staking Electrical Installations (project) 01. 4075-40-71	EACH	1.000	1.000
0348	650.9000	Construction Staking Curb Ramps	EACH	48.000	48.000
0350	650.9500	Construction Staking Sidewalk (project) 01. 4075-40-71	EACH	1.000	1.000
0352	650.9911	Construction Staking Supplemental Control (project) 01. 4075-40-71	EACH	1.000	1.000
0354	650.9920	Construction Staking Slope Stakes	LF	6,800.000	6,800.000
0356	652.0210	Conduit Rigid Nonmetallic Schedule 40 1-Inch	LF	35.000	35.000
0358	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	310.000	310.000
0360	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	435.000	435.000
0362	652.0335	Conduit Rigid Nonmetallic Schedule 80 3-Inch	LF	100.000	100.000
0364	652.0605	Conduit Special 2-Inch	LF	75.000	75.000
0366	652.0615	Conduit Special 3-Inch	LF	835.000	835.000
0368	652.0800	Conduit Loop Detector	LF	334.000	334.000
0370	653.0135	Pull Boxes Steel 24x36-Inch	EACH	2.000	2.000
0372	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	10.000	10.000
0374	653.0900	Adjusting Pull Boxes	EACH	5.000	5.000
0376	653.0905	Removing Pull Boxes	EACH	3.000	3.000
0378	654.0101	Concrete Bases Type 1	EACH	12.000	12.000
0380	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	1.000	1.000
0382	655.0230	Cable Traffic Signal 5-14 AWG	LF	3,436.000	3,436.000
0384	655.0240	Cable Traffic Signal 7-14 AWG	LF	62.000	62.000
0386	655.0260	Cable Traffic Signal 12-14 AWG	LF	2,050.000	2,050.000
0388	655.0700	Loop Detector Lead In Cable	LF	1,264.000	1,264.000

4075-40-71

Line	Item	Item Description	Unit	Total	Qty
0390	655.0800	Loop Detector Wire	LF	1,566.000	1,566.000
0392	655.0900	Traffic Signal EVP Detector Cable	LF	856.000	856.000
0394	656.0201	Electrical Service Meter Breaker Pedestal (location) 01. IH 41 NB & STH 96	EACH	1.000	1.000
0396	657.0100	Pedestal Bases	EACH	12.000	12.000
0398	657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	2.000	2.000
0400	657.0430	Traffic Signal Standards Aluminum 10-FT	EACH	10.000	10.000
0402	658.0173	Traffic Signal Face 3S 12-Inch	EACH	2.000	2.000
0404	658.0174	Traffic Signal Face 4S 12-Inch	EACH	2.000	2.000
0406	658.0416	Pedestrian Signal Face 16-Inch	EACH	14.000	14.000
0408	658.0500	Pedestrian Push Buttons	EACH	11.000	11.000
0410	658.5070	Signal Mounting Hardware (location) 01. IH 41 NB & STH 96	EACH	1.000	1.000
0412	658.5070	Signal Mounting Hardware (location) 02. STH 96 & Bluemound	EACH	1.000	1.000
0414	658.5070	Signal Mounting Hardware (location) 03. STH 96 & Lyndale	EACH	1.000	1.000
0416	658.5070	Signal Mounting Hardware (location) 04. STH 96 & Perkins	EACH	1.000	1.000
0418	658.5070	Signal Mounting Hardware (location) 05. STH 96 & Westhill	EACH	1.000	1.000
0420	659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH	11.000	11.000
0422	690.0150	Sawing Asphalt	LF	1,835.000	1,835.000
0424	690.0250	Sawing Concrete	LF	42,170.000	42,170.000
0426	740.0440	Incentive IRI Ride	DOL	12,178.000	12,178.000
0428	999.2000.S	Installing and Maintaining Bird Deterrent System (station) 01. STA 127+10	EACH	1.000	1.000
0430	999.2000.S	Installing and Maintaining Bird Deterrent System (station) 02. STA 127+75	EACH	1.000	1.000
0432	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,400.000	2,400.000
0434	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,100.000	2,100.000
0436	SPV.0060	Special 02. Removing, Pulling Back, and Re-Installing Cables	EACH	1.000	1.000
0438	SPV.0060	Special 04. Abandon Sanitary Manhole	EACH	4.000	4.000
0440	SPV.0060	Special 05. Manhole Cover Riser	EACH	31.000	31.000
0442	SPV.0060	Special 06. Water Valve Riser	EACH	7.000	7.000
0444	SPV.0060	Special 07. Inlet Cover Type H-S Riser	EACH	44.000	44.000
0446	SPV.0060	Special 08. Inlet Cover Type H Riser	EACH	12.000	12.000
0448	SPV.0060	Special 09. Inlet Cover Type A-S Riser	EACH	6.000	6.000
0450	SPV.0060	Special 10. Inlet Cover Tpye 19.5"x16.5" Riser	EACH	2.000	2.000
0452	SPV.0060	Special 11. Adjusting Water Valves	EACH	8.000	8.000
0454	SPV.0060	Special 12. CIPP Joint Repair 72-Inch	EACH	2.000	2.000
0456	SPV.0060	Special 13. Manhole Crack and Joint Repair	EACH	1.000	1.000
0458	SPV.0060	Special 14. PVC Pipe Elbow 45 Degree 15-Inch	EACH	1.000	1.000
0460	SPV.0060	Special 15. PVC Pipe Elbow 45 Degree 30-Inch	EACH	1.000	1.000
0462	SPV.0060	Special 16. Pipe End Grate 15-Inch	EACH	1.000	1.000
0464	SPV.0060	Special 17. Pipe End Grate 30-Inch	EACH	1.000	1.000
0466	SPV.0060	Special 18. Cleaing Existing Manhole	EACH	1.000	1.000
0468	SPV.0060	Special 19. Inlet Cover Special	EACH	1.000	1.000
0470	SPV.0060	Special 20. Reconditioning Inlets	EACH	1.000	1.000
0472	SPV.0060	Special 21. Remove Traffic Signal IH 41 NB & STH 96	EACH	1.000	1.000
0474	SPV.0060	Special 22. Remove Traffic Signal STH 96 & Bluemound	EACH	1.000	1.000
0476	SPV.0060	Special 23. Remove Traffic Signal STH 96 & Lyndale	EACH	1.000	1.000
0478	SPV.0060	Special 25. Remove Traffic Signal STH 96 & Westhill	EACH	1.000	1.000
0480	SPV.0060	Special 26. Cold Weather Marking Railroad Crossing Epoxy	EACH	5.000	5.000
0482	SPV.0060	Special 27. Cold Weather Marking Island Nose Epoxy	EACH	17.000	17.000
0484	SPV.0060	Special 28. Cold Weather Marking Arrow Epoxy	EACH	65.000	65.000
0486	SPV.0060	Special 29. Cold Weather Marking Word Epoxy	EACH	15.000	15.000

4075-40-71

Line	Item	Item Description	Unit	Total	Qty
0488	SPV.0090	Special 02. PVC Pipe 27-Inch	LF	3.000	3.000
0490	SPV.0090	Special 03. PVC Pipe 30-Inch	LF	45.000	45.000
0492	SPV.0090	Special 04 . Concrete Joint and Crack Cleaning and Repair	LF	3,380.000	3,380.000
0494	SPV.0090	Special 05. Pedestrian Overhead Protection	LF	288.000	288.000
0496	SPV.0090	Special 06. Concrete Curb and Gutter 30-Inch Type A HES	LF	38.000	38.000
0498	SPV.0090	Special 07. Cold Weather Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	3,651.000	3,651.000
0500	SPV.0090	Special 08. Cold Weather Marking Curb Epoxy	LF	160.000	160.000
0502	SPV.0090	Special 09. Cold Weather Marking Stop Line Epoxy 18-Inch	LF	405.000	405.000
0504	SPV.0090	Special 10. Cold Weather Marking Diagonal Epoxy 12-Inch	LF	30.000	30.000
0506	SPV.0090	Special 11. Concrete Curb and Gutter 24-Inch Type D	LF	37.000	37.000
0508	SPV.0090	Special 12. Concrete Curb and Gutter 18-Inch Type D HES Modified	LF	73.000	73.000
0510	SPV.0090	Special 13. Concrete Curb and Gutter 30-Inch Type D HES Modified	LF	70.000	70.000
0512	SPV.0165	Special 01. Concrete Sidewalk 6-Inch HES	SF	100.000	100.000
0514	SPV.0180	Special 01. Removing Surface Milling Special	SY	4,290.000	4,290.000

REMOVING CONCRETE PAVEMENT

STATION TO STATION	DIR	LOCATION	204.0100 REMOVING CONCRETE PAVEMENT SY
CATEGORY 0010			
STAGE 1			
101+73 - 112+10	RT WB & LT EB LANES	STH 96	30
112+10 - 124+20	RT WB & LT EB LANES	STH 96	60
124+20 - 136+30	RT WB & LT EB LANES	STH 96	160
136+30 - 148+40	RT WB & LT EB LANES	STH 96	290
148+40 - 160+50	RT WB & LT EB LANES	STH 96	40
160+50 - 172+60	RT WB & LT EB LANES	STH 96	20
172+60 - 184+70	RT WB & LT EB LANES	STH 96	30
184+70 - 196+80	RT WB & LT EB LANES	STH 96	10
196+80 - 206+96	RT WB & LT EB LANES	STH 96	70
UNDISTRIBUTED		STH 96	70
STAGE 1 CATEGORY 0010 TOTALS			780
STAGE 2			
101+73 - 112+10	LT WB & RT EB LANES	STH 96	100
112+10 - 124+20	LT WB & RT EB LANES	STH 96	230
124+20 - 136+30	LT WB & RT EB LANES	STH 96	130
136+30 - 148+40	LT WB & RT EB LANES	STH 96	210
148+40 - 160+50	LT WB & RT EB LANES	STH 96	40
172+60 - 184+70	LT WB & RT EB LANES	STH 96	60
184+70 - 196+80	LT WB & RT EB LANES	STH 96	70
196+80 - 206+96	LT WB & RT EB LANES	STH 96	240
UNDISTRIBUTED		STH 96	100
STAGE 2 CATEGORY 0010 TOTALS			1,180
PROJECT TOTALS			1,960

REMOVING BUTT JOINTS

STATION	-	STATION	LOCATION	DIR	204.0105 REMOVING CONCRETE PAVEMENT BUTT JOINTS SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY
CATEGORY 0010						
STAGE 4						
102+04	-	102+24	STH 96	EB	---	10
103+88	-	104+08	STH 96	WB	---	10
110+75	-	110+92	STH 96	WB	---	6
111+25	-	111+50	STH 96	WB	---	6
111+81	-	112+07	STH 96	WB	---	6
113+38	-	113+47	STH 96	WB	---	4
120+13	-	120+39	STH 96	WB	---	6
125+15	-	125+58	STH 96	WB	49	---
125+85	-	126+13	STH 96	WB	31	---
128+91	-	129+44	STH 96	WB	58	---
129+80	-	129+92	STH 96	WB	29	---
134+96	-	135+12	STH 96	WB	---	5
135+57	-	135+73	STH 96	WB	---	5
140+20	-	141+19	STH 96	EB	---	22
153+48	-	153+90	STH 96	WB	---	9
153+96	-	154+32	STH 96	WB	---	8
157+00	-	157+33	STH 96	WB	---	7
172+31	-	172+76	STH 96	WB	---	10
174+38	-	174+79	STH 96	EB	10	---
179+43	-	179+83	STH 96	WB	---	7
179+53	-	179+83	STH 96	EB	---	12
STAGE 4 CATEGORY 0010 TOTALS					177	133
CATEGORY 0030						
STAGE 4						
30+66	-	30+68	IH 41 OFF RAMP	NB	---	8
7+96	-	7+98	IH 41 ON RAMP	SB	---	6
STAGE 4 CATEGORY 0030 TOTALS					0	14
PROJECT TOTALS					177	147

REMOVING CONCRETE BASES

STATION	DIR	LOCATION	204.0246 REMOVING ANCILLARY STRUCTURE S-44-1 EACH	204.0195 REMOVING CONCRETE BASES EACH	204.9060.S.02 REMOVING BUISNESS LIGHT POLE EACH
CATEGORY 0010					
STAGE 1					
115+47	LT	STH 96	1	1	---
115+50	LT	STH 96		1	---
129+05	RT	STH 96	---	1	---
153+20	RT	STH 96	---	1	---
179+85	RT	STH 96	---	1	---
201+62	LT	STH 96	---	1	1
201+90	LT	STH 96	---	1	---
202+18	LT	STH 96	---	1	1
205+06	LT	STH 96	---	2	---
STAGE 1 TOTALS			1	10	2
CATEGORY 0010					
STAGE 3					
153+20	LT	STH 96	---	1	---
154+62	LT	STH 96	---	1	---
STAGE 3 TOTALS			0	2	0
PROJECT TOTALS			1	12	2

REMOVING ASPHALTIC SURFACE MILLING

LOCATION	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	SPV.0180.01 REMOVING SURFACE MILLING SPECIAL SY	COMMENTS
CATEGORY 0010			
STAGE 4			
STH 96	60,610	990	REMOVING SURFACE MILLING SPECIAL AT FLEET FARM & ELBERG RT TURN LANES
STAGE 4 CATEGORY 0010 TOTALS	60,610	990	
CATEGORY 0030			
STAGE 4			
IH 41 NB OFF RAMP	---	3,300	
IH 41 SB ON RAMP	540	---	
STAGE 4 CATEGORY 0030 TOTALS	540	3,300	
PROJECT TOTAL	61,150	4,290	

REMOVING CURB & GUTTER

STATION TO STATION	DIR	LOCATION	204.0150 REMOVING CURB & GUTTER LF
CATEGORY 0010			
STAGE 1			
101+73 - 112+10	EB LT & WB RT	STH 96	50
112+10 - 124+20	EB LT & WB RT	STH 96	30
124+20 - 136+30	EB LT & WB RT	STH 96	210
136+30 - 148+40	EB LT & WB RT	STH 96	140
148+40 - 160+50	EB LT & WB RT	STH 96	295
160+50 - 172+60	EB LT & WB RT	STH 96	130
172+60 - 184+70	EB LT & WB RT	STH 96	40
184+70 - 196+80	EB LT & WB RT	STH 96	40
196+80 - 206+96	EB LT & WB RT	STH 96	190
UNDISTRIBUTED		STH 96	110
CATEGORY 0010 STAGE 1 TOTALS			1,235
STAGE 2			
101+73 - 112+10	EB RT & WB LT	STH 96	110
112+10 - 124+20	EB RT & WB LT	STH 96	100
124+20 - 136+30	EB RT & WB LT	STH 96	470
136+30 - 148+40	EB RT & WB LT	STH 96	110
148+40 - 160+50	EB RT & WB LT	STH 96	50
160+50 - 172+60	EB RT & WB LT	STH 96	110
172+60 - 184+70	EB RT & WB LT	STH 96	100
184+70 - 196+80	EB RT & WB LT	STH 96	50
196+80 - 206+96	EB RT & WB LT	STH 96	120
UNDISTRIBUTED		STH 96	120
CATEGORY 0010 STAGE 2 TOTALS			1,340
STAGE 3			
BLUEMOUND TURN LANES		STH 96	200
CATEGORY 0010 STAGE 3 TOTALS			200
CATEGORY 0010 TOTALS			2,575

REMOVING SMALL CULVERTS

STA	DIR	LOCATION	203.0100 REMOVING SMALL CULVERTS EACH
CATEGORY 0020			
STAGE 1			
107+94	RT	STH 96	1
108+13	RT	STH 96	1
STAGE 1 TOTALS			2
PROJECT TOTALS			2

REMOVING CURB & GUTTER CONT.

STATION TO STATION	DIR	LOCATION	204.0150 REMOVING CURB & GUTTER LF
CATEGORY 0020			
STAGE 1			
101+73 - 112+10	LT & WB	STH 96	0
112+10 - 124+20	LT & WB	STH 96	55
124+20 - 136+30	LT & WB	STH 96	0
136+30 - 148+40	LT & WB	STH 96	0
148+40 - 160+50	LT & WB	STH 96	75
160+50 - 172+60	LT & WB	STH 96	55
172+60 - 184+70	LT & WB	STH 96	75
184+70 - 196+80	LT & WB	STH 96	60
196+80 - 206+96	LT & WB	STH 96	45
UNDISTRIBUTED		STH 96	40
CATEGORY 0020 STAGE 1 TOTALS			405
STAGE 2			
101+73 - 112+10	EB RT	STH 96	15
CATEGORY 0020 STAGE 2 TOTALS			15
CATEGORY 0020 TOTALS			420
PROJECT TOTALS			2,995

REMOVING CONCRETE SIDEWALK

STATION TO STATION	DIR	LOCATION	204.0155 REMOVING CONCRETE SIDWALK SY
CATEGORY 0010			
STAGE 1			
124+20 - 136+30	LT	STH 96	60
136+30 - 148+40	LT	STH 96	40
148+40 - 160+50	LT	STH 96	70
172+60 - 184+70	LT	STH 96	20
184+70 - 196+80	LT	STH 96	14
196+80 - 206+96	LT	STH 96	16
STAGE 1 TOTALS			220
STAGE 2			
101+73 - 112+10	RT	STH 96	110
112+10 - 124+20	RT	STH 96	28
124+20 - 136+30	RT	STH 96	190
136+30 - 148+40	RT	STH 96	103
148+40 - 160+50	RT	STH 96	84
160+50 - 172+60	RT	STH 96	48
172+60 - 184+70	RT	STH 96	79
184+70 - 196+80	RT	STH 96	91
196+80 - 206+96	RT	STH 96	97
STAGE 2 TOTALS			830
STAGE 3			
BLUEMOUND TURN LANES			16
STAGE 3 TOTALS			16
PROJECT TOTALS			1,066

REMOVING CONCRETE SURFACE DRAINS

STATION	DIR	LOCATION	204.0190 REMOVING CONCRETE SURFACE DRAINS EACH
CATEGORY 0010			
STAGE 1			
123+05	LT	STH 96	1
STAGE 1 TOTALS			1
PROJECT TOTALS			1

REMOVING STORM SEWER STRUCTURES

STATION	OFFSET	DIR	204.0210 REMOVING MANHOLES EACH	204.0220 REMOVING INLETS EACH
CATEGORY 0010				
STAGE 1				
103+99	-69.4	LT	---	1
118+48	0.6	RT	---	1
129+93	-24.8	LT	1	---
148+42	-1.0	LT	---	1
148+42	-43.9	LT	---	1
STAGE 1 TOTALS			1	4
STAGE 2				
111+24	-23.6	LT	---	1
121+96	36.2	RT	---	1
126+28	36.3	RT	---	1
146+18	-16.7	LT	---	1
158+38	23.3	RT	---	1
176+13	26.0	RT	---	1
STAGE 2 TOTALS			0	6
STAGE 3				
126+45	-21.4	LT	---	1
154+45	-7.4	LT	---	1
STAGE 3 TOTALS			0	1
CATEGORY 0010 TOTALS			1	11
CATEGORY 0020				
STAGE 1				
169+97	-42.0	LT	---	1
176+04	-37.0	LT	---	1
187+48	-55.9	LT	---	1
CATEGORY 0020 TOTALS			0	3
PROJECT TOTALS			1	14

REMOVING GUARDRAIL

STATION TO STATION	DIR	LOCATION	204.0165 REMOVING GUARDRAIL LF
CATEGORY 0010			
STAGE 1			
115+05 - 115+90	LT	STH 95	170
115+50 - 115+90	LT	STH 96	40
STAGE 1 TOTALS			210
PROJECT TOTALS			210

REMOVING STORM SEWER

FROM	-	TO	LOCATION	204.0245.02 REMOVING STORM SEWER 12-INCH LF	204.0245.03 REMOVING STORM SEWER 15-INCH LF	204.0245.04 REMOVING STORM SEWER 18-INCH LF	204.0245.05 REMOVING STORM SEWER 36-INCH LF	204.0245.06 REMOVING STORM SEWER 19x30-INCH LF
CATEGORY 0010								
STAGE 1								
104+00-Out	-	1013	STH 96	26	---	---	---	---
1013	-	EOL	STH 96	15	---	---	---	---
1036	-	47	STH 96	6	---	---	---	---
1036	-	46	STH 96	6	---	---	---	---
113	-	CC158	STH 96	19	---	---	---	---
1046	-	1047	STH 96	21	---	---	---	---
401	-	400.1	STH 96	---	---	---	---	70
400.1	-	400.2	STH 96	---	---	---	---	99
400.3	-	400.1	STH 96	8	---	---	---	---
1072	-	CC118	STH 96	16	---	---	---	---
1093A	-	1090	STH 96	---	71	---	---	---
EOL	-	1091	STH 96	14	---	---	---	---
236	-	1094	STH 96	8	---	---	---	---
1094	-	235	STH 96	8	---	---	---	---
1100	-	145	STH 96	8	---	---	---	---
72	-	73	STH 96	8	---	---	---	---
148	-	1145	STH 96	6	---	---	---	---
1145	-	149	STH 96	6	---	---	---	---
1168	-	1167	STH 96	17	---	---	---	---
1194	-	150	STH 96	8	---	---	---	---
STAGE 1 TOTALS				200	71	0	0	169

REMOVING STORM SEWER CONT.

FROM	-	TO	LOCATION	204.0245.02 REMOVING STORM SEWER 12-INCH LF	204.0245.03 REMOVING STORM SEWER 15-INCH LF	204.0245.04 REMOVING STORM SEWER 18-INCH LF	204.0245.05 REMOVING STORM SEWER 36-INCH LF	204.0245.06 REMOVING STORM SEWER 19x30-INCH LF
STAGE 2								
1014	-	EOL	STH 96	47	---	---	---	---
1018	-	45	STH 96	4	---	---	---	---
49	-	1038	STH 96	8	---	---	---	---
140	-	141	STH 96	8	---	---	---	---
231	-	1053	STH 96	4	---	---	---	---
1047	-	1048	STH 96	36	---	---	---	---
1048	-	142	STH 96	6	---	---	---	---
101	-	101.1	STH 96	6	---	---	---	---
54	-	55	STH 96	8	---	---	---	---
60	-	1084	STH 96	16	---	---	---	---
1089	-	EOL	STH 96	14	---	---	---	---
1089	-	144	STH 96	4	---	---	---	---
1122	-	1123	STH 96	7	---	---	---	---
143	-	1144	STH 96	13	---	---	---	---
91	-	90	STH 96	---	---	---	16	---
88	-	87	STH 96	---	---	8	---	---
151	-	152	STH 96	---	---	16	---	---
153	-	201	STH 96	---	22	---	---	---
154	-	123	STH 96	---	8	---	---	---
156	-	155	STH 96	6	---	---	---	---
STAGE 2 TOTALS				187	30	24	16	0
STAGE 3								
1109		166	STH 96	6	---	---	---	---
1109		167	STH 96	6	---	---	---	---
STAGE 3 TOTALS				12	0	0	0	0
CATEGORY 0010 TOTALS				399	101	24	16	169
CATEGORY 0020								
STAGE 1								
251	-	245	STH 96	---	---	8	---	---
146	-	1136A	STH 96	6	---	---	---	---
1136A	-	147	STH 96	6	---	---	---	---
CATEGORY 0020 TOTALS				12	0	8	0	0
PROJECT TOTALS				411	101	32	16	169

3

EARTHWORK

STATION	TO	STAION	LOCATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EXCAVATION (3)	SALVAGED/UNUSABLE PAVEMENT MATERIAL	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL FACTOR 1.25	MASS ORDINATE +/- (14)	WASTE
CATEGORY 0010											
STAGE 1											
STAGE 1			CURB RAMPS	33	0	0	33	0	0	33	33
			CURB REPAIRS	93	0	0	93	0	0	93	93
STAGE 1 TOTALS				**126**		**0**	**126**	**0**	**0**	**126**	**126**
STAGE 2											
STAGE 2			CURB RAMPS	144	0	0	144	0	0	144	144
			CURB REPAIRS	79	0	0	79	0	0	79	79
			RAILROAD	302	0	0	302	0	0	302	302
117+17	-	117+71	STH 96	0	0	0	0	37	46	-46	-46
STAGE 2 TOTALS				**525**		**0**	**525**	**37**	**46**	**479**	**479**
CATEGORY 0010 TOTALS				**651**		**0**	**651**	**37**	**46**	**605**	**605**
CATEGORY 0020											
STAGE 1											
101+81	-	111+11	STH 96	72	0	0	72	584	730	-658	-658
102+75	-	125+14	STH 96	28	0	0	28	85	106	-78	-78
126+15	-	129+09	STH 96	44	0	0	44	24	30	14	14
129+75	-	134+75	STH 96	112	0	0	112	39	49	63	63
154+50	-	156+85	STH 96	185	0	0	185	10	13	173	173
157+45	-	172+15	STH 96	360	0	0	360	33	41	319	319
172+92	-	179+85	STH 96	99	0	0	99	2	3	97	97
181+06	-	186+96	STH 96	259	0	0	259	8	10	249	249
187+45	-	192+50	STH 96	69	0	0	69	35	44	25	25
193+25	-	206+85	STH 96	376	0	0	376	12	15	361	361
10+25	-	11+00	COLORADO AVE	8	0	0	8	12	15	-7	-7
		STAGE 1	CURB RAMPS	80	0	0	80	0	0	80	80
STAGE 1 TOTALS				**1,692**		**0**	**1,692**	**844**	**1,055**	**637**	**637**
CATEGORY 0020 TOTAL COMMON EXC				**1,692**							
PROJECT TOTAL COMMON EXC				**2,343**		**0**	**2,343**	**881**	**1,101**	**1,242**	**1,242**

NOTES:

(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100

(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.

(5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

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

BACKFILL GRANULAR

STA	DIR	LOCATION	209.1500 BACKFILL GRANULAR GRADE 1 TON
CATEGORY 0010			
STAGE 1			
205+06	LF	STH 96	2
		STAGE 1 TOTALS	2
		PROJECT TOTALS	2

OBLITERATE ROADWAY

STATION TO STATION	DIR	LOCATION	214.0100 OBLITERATING OLD ROADWAY STA
CATEGORY 0010			
STAGE 2			
117+00 - 118+00	RT	STH 96	1
		STAGE 2 TOTALS	1
		PROJECT TOTALS	1

BASE COURSE

STATION TO STATION	LOCATION	305.0110 * BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 * BASE AGGREGATE DENSE 1 1/4-INCH TON	310.0110 * BASE AGGREGATE OPEN GRADED TON	311.0110 BREAKER RUN TON	312.0110 SELECT CRUSHED MATERIAL TON	624.0100 * WATER MGAL
CATEGORY 0010							
STAGE 1							
101+73 - 112+10	STH 96	0	4	0	0	0	0.02
112+10 - 124+20	STH 96	0	9	0	0	0	0.05
124+20 - 136+30	STH 96	0	25	0	0	0	0.15
136+30 - 148+40	STH 96	0	57	0	0	0	0.34
148+40 - 160+50	STH 96	20	5	0	0	0	0.15
160+50 - 172+60	STH 96	6	0	0	0	0	0.03
172+60 - 184+70	STH 96	5	4	0	0	0	0.05
184+70 - 196+80	STH 96	5	0	0	0	0	0.03
196+80 - 206+96	STH 96	7	3	4	4	0	0.11
	STAGE 1 TOTALS	43	107	4	4	0	0.95
STAGE 2							
101+73 - 112+10	STH 96	0	11	0	0	0	0.07
112+10 - 124+20	STH 96	0	5	0	0	0	0.03
124+20 - 136+30	STH 96	0	55	0	0	0	0.33
136+30 - 148+40	STH 96	0	37	0	0	0	0.22
148+40 - 160+50	STH 96	0	3	0	0	0	0.02
160+50 - 172+60	STH 96	5	0	0	0	0	0.03
172+60 - 184+70	STH 96	0	9	0	0	0	0.06
184+70 - 196+80	STH 96	0	12	16	16	0	0.07
196+80 - 206+96	STH 96	0	35	47	47	0	0.21
RAILROAD CROSSING	STH 96	0	201	0	0	334	1.20
	STAGE 2 TOTALS	5	368	63	63	334	2.24
STAGE 3							
BLUEMOUND TURN LANES	STH 96	0	72	0	0	0	0.43
	STAGE 3 TOTALS	0	72	0	0	0	0.43
	CATEGORY 0010 TOTALS	47	547	67	67	334	3.46
	PROJECT TOTALS	47	547	67	67	334	3.46

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SHAPING SHOULDER

STATION TO STATION	DIR	LOCATION	305.0500 SHAPING SHOULDERS STA
CATEGORY 0030			
STAGE 4			
30+66 - 37+25	LT	IH 41 NB OFF RAMP	7
30+66 - 37+25	RT	IH 41 NB OFF RAMP	7
7+96 - 8+93	LT	IH 41 SB ON RAMP	1
7+96 - 9+17	RT	IH 41 SB ON RAMP	2
		STAGE 4 TOTALS	16
		PROJECT TOTALS	16

3

CONCRETE ITEMS

STATION	TO	STATION	DIR	LOCATION	320.0150 CONCRETE BASE 8 1/2-INCH SY	390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	390.0405 BASE PATCHING CONCRETE SHES CY	415.0090 CONCRETE PAVEMENT 9-INCH SY	416.1715 CONCRETE PAVEMENT REPAIR SHES SY	416.1725 CONCRETE PAVEMENT REPLACEMENT SHES SY	416.0610 * DRILLED TIE BARS EACH	416.0620 * DRILLED DOWEL BARS EACH	690.0250 ** SAWING CONCRETE LF
CATEGORY 0010													
STAGE 1													
101+73	-	112+10	EB RT	STH 96	---	112	112	---	17	---	10	841	1,950
			WB LT		---	30	30	---	87	---	---	377	870
112+10	-	124+20	EB RT	STH 96	---	77	77	---	---	---	7	502	1,190
			WB LT		---	44	44	---	---	---	6	340	790
124+20	-	136+30	EB RT	STH 96	---	26	26	---	---	---	5	114	230
			WB LT		---	65	65	---	---	---	19	270	720
136+30	-	148+40	EB RT	STH 96	---	95	95	---	---	---	62	193	820
			WB LT		---	62	62	---	---	---	17	355	890
148+40	-	160+50	EB RT	STH 96	---	135	135	---	---	---	61	476	1,540
			WB LT		---	109	109	---	---	---	48	480	1,380
160+50	-	172+60	EB RT	STH 96	---	28	28	---	---	---	5	150	400
			WB LT		---	70	70	---	---	---	26	303	870
172+60	-	184+70	EB RT	STH 96	---	20	20	---	25	---	12	99	300
			WB LT		---	53	53	---	24	---	24	288	830
184+70	-	196+80	EB RT	STH 96	---	---	---	---	25	80	9	31	190
			WB LT		---	---	---	---	12	59	7	53	140
196+80	-	206+96	EB RT	STH 96	---	---	---	---	28	---	---	70	90
			WB LT		---	---	---	---	31	---	---	30	120
UNDISTRIBUTED				STH 96	---	94	94	---	22	37	92	572	1,730
			STAGE 1 TOTALS		0	1,020	1,020	0	271	176	410	5,544	15,050

CONCRETE ITEMS CONT.

STATION	TO	STATION	DIR	LOCATION	320.0150 CONCRETE BASE 8 1/2-INCH SY	390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	390.0405 BASE PATCHING CONCRETE SHES CY	415.0090 CONCRETE PAVEMENT 9-INCH SY	416.1715 CONCRETE PAVEMENT REPAIR SHES SY	416.1725 CONCRETE PAVEMENT REPLACEMENT SHES SY	416.0610 * DRILLED TIE BARS EACH	416.0620 * DRILLED DOWEL BARS EACH	690.0250 ** SAWING CONCRETE LF
CATEGORY 0010													
STAGE 2													
101+73	-	112+10	EB LT	STH 96	---	97	97	---	17	---	26	616	1,560
			WB RT		---	51	51	---	30	---	7	398	860
112+10	-	124+20	EB LT	STH 96	---	169	169	---	---	---	42	934	2,480
			WB RT		---	42	42	---	---	---	---	376	790
124+20	-	136+30	EB LT	STH 96	40	108	108	---	---	---	74	231	920
			WB RT		40	96	96	---	---	---	22	502	1,290
136+30	-	148+40	EB LT	STH 96	---	279	279	---	---	---	238	268	2,010
			WB RT		---	151	151	---	---	---	66	645	1,820
148+40	-	160+50	EB LT	STH 96	---	196	196	4	---	---	152	356	1,730
			WB RT		---	57	57	---	---	---	---	406	960
160+50	-	172+60	EB LT	STH 96	---	217	217	---	---	---	173	380	1,900
			WB RT		---	23	23	---	---	---	---	157	370
172+60	-	184+70	EB LT	STH 96	---	62	62	---	82	24	47	246	1,040
			WB RT		---	74	74	---	25	---	43	236	830
184+70	-	196+80	EB LT	STH 96	---	---	---	---	34	76	16	86	310
			WB RT		---	---	---	---	22	53	12	61	210
196+80	-	206+96	EB LT	STH 96	---	---	---	---	76	---	---	97	260
			WB RT		---	---	---	---	50	183	20	115	350
UNDISTRIBUTED				STH 96	---	103	103	---	11	7	31	476	1,300
STAGE 2 TOTALS					80	1,725	1,725	4	347	343	969	6,586	20,990
STAGE 3													
BLUEMOUND TURN LANES				STH 96	---	50	50	---	---	---	80	15	520
STAGE 3 TOTALS					0	50	50	0	0	0	80	15	520
CATEGORY 0010 TOTALS					80	2,795	2,795	4	618	519	1,459	12,145	36,560
CATEGORY 0060													
STAGE 1													
112+10	-	124+20	WB LT	STH 96	---	2	2	---	---	---	10	4	40
124+20	-	136+30	WB LT	STH 96	---	7	7	---	---	---	---	25	90
STAGE 1 TOTALS					0	9	9	0	0	0	10	29	130
STAGE 2													
112+10	-	124+20	EB RT	STH 96	---	1	1	---	---	---		4	20
STAGE 2 TOTALS					0	1	1	0	0	0	0	4	20
CATEGORY 0060 TOTALS					0	10	10	0	0	0	10	33	150
PROJECT TOTALS					80	2,805	2,805	4	618	519	1,469	12,178	36,710

* ADDITIONAL QUANTITIES SHOWN IN THE CURB & GUTTER TABLE.

**ADDITIONAL QUANTITIES SHOWN IN SAW CUT TABLE.

3

ASPHALTIC ITEMS

STATION	TO	STATION	DIR	LOCATION	450.4000 HMA COLD WEATHER PAVING TON	455.0605 * TACK COAT GAL	HMA PAVEMENT 4 MT 58-28 H 460.6424 TON
CATEGORY 0010							
STAGE 2							
				RAILROAD CROSSING	---	70	190
				STAGE TOTALS	0	70	190
CATEGORY 0010							
STAGE 4							
102+05	-	179+84	EB	LT TURN LANE/MEDIAN	198	770	790
				LT LANE	428	1,450	1,710
				RT LANE	428	1,450	1,710
				RT TURN LANE/SIDEROADS	143	660	570
103+89	-	179+84	WB	LT TURN LANE/SIDEROADS	103	400	410
				LT LANE	550	1,860	2,200
				RT LANE	418	1,420	1,670
				RT TURN LANE/MEDIAN	245	1,130	980
				STAGE TOTALS	2,510	9,140	10,040
				CATEGORY 0010 TOTALS	2,510	9,210	10,230
CATEGORY 0030							
STAGE 4							
30+66	-	37+67	NB	IH 41 LT SHOULDER	18	60	70
				IH 41 LT TURN LANE	33	130	130
				IH 41 LT TURN /THRU LANE	33	130	130
				IH 41 RT TURN LANE/SHOULDER	35	140	140
7+96	-	9+44	SB	IH 41 ON RAMP	20	70	80
				STAGE/CAGTEGORY TOTALS	138	530	550
				PROJECT TOTALS	2,648	9,740	10,780

3

ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES

STATION TO STATION			DIR	LOCATION	465.0120 ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTERANCES TON
CATEGORY 0010					
STAGE 1					
158+54	-	159+04	LT	STH 96	15
160+41	-	160+76	LT	STH 96	4
161+44	-	161+93	LT	STH 96	7
163+38	-	163+74	LT	STH 96	8
166+61	-	166+93	LT	STH 96	13
168+34	-	168+66	LT	STH 96	6
194+47	-	197+13	LT	STH 96	27
197+82	-	198+50	LT	STH 96	5
199+61	-	200+12	LT	STH 96	8
200+98	-	201+37	LT	STH 96	4
202+49	-	203+50	LT	STH 96	18
203+50	-	204+35	LT	STH 96	6
204+35	-	204+76	LT	STH 96	4
				PROJECT TOTALS	126

ASPHALTIC SURFACE

STATION TO STATION	DIR	LOCATION	455.0605 * TACK COAT GAL	465.0105 ASPHALTIC SURFACE TON
CATEGORY 0010				
STAGE 1				
101+73 - 112+10	R/L	STH 96	8	1
112+10 - 124+20	R/L	STH 96	---	---
124+20 - 136+30	R/L	STH 96	0	1
136+30 - 148+40	R/L	STH 96	---	---
148+40 - 160+50	R/L	STH 96	20	30
160+50 - 172+60	R/L	STH 96	6	1
172+60 - 184+70	R/L	STH 96	18	15
184+70 - 196+80		STH 96	1	7
196+80 - 206+96		STH 96	---	---
UNDISTRIBUTED		STH 96	---	5
		STAGE 1 TOTALS	52	60
STAGE 2				
101+73 - 112+10	R/L	STH 96	5	1
112+10 - 124+20	R/L	STH 96	---	---
124+20 - 136+30	R/L	STH 96	3	11
136+30 - 148+40	R/L	STH 96	8	3
148+40 - 160+50	R/L	STH 96	---	---
160+50 - 172+60	R/L	STH 96	1	5
172+60 - 184+70	R/L	STH 96	8	6
184+70 - 196+80		STH 96	---	---
196+80 - 206+96		STH 96	1	5
UNDISTRIBUTED		STH 96	---	5
		STAGE 2 TOTALS	26	36
STAGE 2				
BLUEMOUND TURN LANES		STH 96	---	3
UNDISTRIBUTED		STH 96	1	1
		PROJECT TOTALS	78	95

* ADDITIONAL QUANTITIES SHOWN IN ASPHALT TABLE & ASPHALTIC SURFACE TEMPORARY TABLE

TEMPORARY ASPHALTIC SURFACE

STATION TO STATION	DIR	LOCATION	455.0605 * TACK COAT GAL	465.0125 ASPHALTIC SURFACE TEMPORARY TON
CATEGORY 0010				
STAGE 1				
101+73 - 112+10	R/L	STH 96	2	7
112+10 - 124+20	R/L	STH 96	4	15
124+20 - 136+30	R/L	STH 96	11	43
136+30 - 148+40	R/L	STH 96	21	85
148+40 - 160+50	R/L	STH 96	2	9
160+50 - 172+60	R/L	STH 96	1	5
172+60 - 184+70	R/L	STH 96	2	7
184+70 - 196+80		STH 96	1	3
196+80 - 206+96		STH 96	3	13
UNDISTRIBUTED		STH 96	5	19
		STAGE 1 TOTALS	46	187
STAGE 2				
101+73 - 112+10	R/L	STH 96	5	20
112+10 - 124+20	R/L	STH 96	6	26
124+20 - 136+30	R/L	STH 96	9	36
136+30 - 148+40	R/L	STH 96	15	60
148+40 - 160+50	R/L	STH 96	3	11
160+50 - 172+60	R/L	STH 96	0	0
172+60 - 184+70	R/L	STH 96	4	16
184+70 - 196+80		STH 96	5	20
196+80 - 206+96		STH 96	16	66
UNDISTRIBUTED		STH 96	6	26
		STAGE 2 TOTALS	62	255
		PROJECT TOTALS	108	442

* ADDITIONAL QUANTITY SHOWN IN ASPHALT TABLE & ASPHALTIC SURFACE TABLE

3

CONCRETE DRIVEWAY

STATION TO STATION	DIR	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	602.0820 CONCRETE DRIVEWAY 8-INCH SY	602.0870 CONCRETE DRIVEWAY HES 8-INCH SY
CATEGORY 0020					
STAGE 1					
158+47 - 158+95	LT	STH 96	6	32	0
160+34 - 160+83	LT	STH 96	6	32	0
161+44 - 161+94	LT	STH 96	6	33	0
163+35 - 163+77	LT	STH 96	5	29	0
166+42 - 167+10	LT	STH 96	8	45	0
168+16 - 168+84	LT	STH 96	8	45	0
194+44 - 195+05	LT	STH 96	7	41	0
195+77 - 196+37	LT	STH 96	7	40	0
196+64 - 197+17	LT	STH 96	6	35	0
197+83 - 198+39	LT	STH 96	7	37	0
199+41 - 200+25	LT	STH 96	10	0	56
200+99 - 201+43	LT	STH 96	5	29	0
202+85 - 203+55	LT	STH 96	7	38	0
204+27 - 204+77	LT	STH 96	6	0	34
UNDISTRIBUTED		STH 96	3	0	0
CATEGORY 0020 STAGE 1 TOTALS			96	437	90
STAGE 2					
169+89 - 170+06	RT	STH 96	2	0	10
CATEGORY 0020 STAGE 2 TOTALS			2	0	10
PROJECT TOTALS			98	437	100

3

CONCRETE CURB & GUTTER

STATION TO STATION	DIR	LOCATION	416.0610 DRILLED TIE BARS EACH	601.0105 CONCRETE CURB TYPE A LF	601.0600 CONCRETE CURB PEDESTRAIN LF	601.0405 CONCRETE CURB & GUTTER 18-INCH TYPE A LF	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	SPV.0090.06 CONCRETE CURB & GUTTER HES 30-INCH TYPE A LF	SPV.0090.11 CONCRETE CURB & GUTTER 24-INCH TYPE D LF	SPV.0090.12 CONCRETE CURB & GUTTER 18-INCH TYPE D HES MODIFIED LF	SPV.0090.13 CONCRETE CURB & GUTTER 30-INCH TYPE D HES MODIFIED LF
CATEGORY 0010													
STAGE 1													
101+73 - 112+10	R/L	STH 96	12	---	24	---	---	52	---	---	---	---	---
112+10 - 124+20	R/L	STH 96	20	---	---	---	---	44	---	---	---	---	---
124+20 - 136+30	R/L	STH 96	24	---	---	9	---	229	---	---	---	---	---
136+30 - 148+40	R/L	STH 96	44	---	10	138	---	39	---	---	---	---	---
148+40 - 160+50	R/L	STH 96	60	38	5	9	---	264	68	---	---	---	---
160+50 - 172+60	R/L	STH 96	48	---	---	---	---	79	81	---	---	---	---
172+60 - 184+70	R/L	STH 96	44	---	---	44	---	72	31	---	---	---	---
184+70 - 196+80	R/L	STH 96	36	---	---	---	---	67	38	---	---	---	---
196+80 - 206+96	R/L	STH 96	72	---	---	---	---	62	70	38	34	---	---
UNDISTRIBUTED		STH 96	36	---	4	20	---	91	29	---	3	0	0
STAGE 1 TOTALS			396	38	43	220	0	999	317	38	37	0	0
STAGE 2													
101+73 - 112+10	R/L	STH 96	28	---	11	---	---	126	---	---	---	---	---
112+10 - 124+20	R/L	STH 96	48	---	---	---	---	232	---	---	---	---	---
124+20 - 136+30	R/L	STH 96	48	---	32	---	---	469	---	---	---	---	---
136+30 - 148+40	R/L	STH 96	40	---	10	9	---	91	---	---	---	---	---
148+40 - 160+50	R/L	STH 96	20	---	8	24	---	32	---	---	---	---	---
160+50 - 172+60	R/L	STH 96	24	---	17	---	---	75	69	---	---	---	---
172+60 - 184+70	R/L	STH 96	36	---	---	25	28	78	---	---	---	---	---
184+70 - 196+80	R/L	STH 96	20	---	---	15	---	37	---	---	---	---	---
196+80 - 206+96	R/L	STH 96	24	---	---	4	54	23	---	---	---	67	64
UNDISTRIBUTED		STH 96	29	---	8	8	8	116	7	0	---	7	6
STAGE 2 TOTALS			317	0	86	85	90	1,279	76	0	0	73	70
STAGE 3													
BLUEMOUND TURN LANES		STH 96	8	---	8	203	---	---	---	---	---	---	---
STAGE 3 TOTALS			8	0	8	203	0	0	0	0	0	0	0
CATEGORY 0010 TOTALS			721	38	137	508	90	2,278	393	38	37	73	70

3

CONCRETE CURB & GUTTER CONT.

STATION TO STATION	DIR	LOCATION	416.0610 DRILLED TIE BARS EACH	601.0105 CONCRETE CURB TYPE A LF	601.0600 CONCRETE CURB PEDESTRAIN LF	601.0405 18-INCH TYPE A LF	601.0407 18-INCH TYPE D LF	601.0409 30-INCH TYPE A LF	601.0411 30-INCH TYPE D LF	SPV.0090.06 HES 30-INCH TYPE A LF	SPV.0090.11 24-INCH TYPE D LF	SPV.0090.12 18-INCH TYPE D HES MODIFIED LF	SPV.0090.13 30-INCH TYPE D HES MODIFIED LF
						CONCRETE CURB & GUTTER							
CATEGORY 0020													
STAGE 1													
112+10 - 124+20	R/L	STH 96	4	---	---	---	---	56	---	---	---	---	---
184+70 - 196+80	R/L	STH 96	---	---	12	---	---	---	---	---	---	---	---
184+71 - 196+81	R/L	STH 97	---	---	19	---	---	---	---	---	---	---	---
UNDISTRIBUTED		STH 96	---	---	3	---	---	---	---	---	---	---	---
CATEGORY 0020 TOTALS			4	0	34	0	0	56	0	0	0	0	0
CATEGORY 0060													
STAGE 1													
136+30 - 148+40	R/L	STH 96	4	---	---	---	---	80	---	---	---	---	---
CATEGORY 0020 TOTALS			4	0	0	0	0	80	0	0	0	0	0
PROJECT TOTALS			729	38	171	508	90	2,414	393	38	37	73	70

3

CONCRETE SIDEWALK ITEMS

STATION TO STATION	DIR	LOCATION	305.0110 *	602.0405	602.0415	SPV.0165.01	602.0515	602.0615	624.0100
			BASE AGGREGATE DENSE 3/4-INCH	CONCRETE SIDEWALK			CURB RAMP DETECTABLE WARNING FIELD		WATER
				4-INCH	6-INCH	6-INCH HES	NATURAL PATINA	RADIAL NATURAL PATINA	
			TON	SF	SF	SF	SF	SF	MGAL
CATEGORY 0010									
STAGE 1									
101+73 - 112+10	LT	STH 96	14	---	720	---	100	---	0.08
112+10 - 124+20	LT	STH 96	---	---	---	---	---	---	---
124+20 - 136+30	LT	STH 96	29	1,500	---	---	---	---	0.18
136+30 - 148+40	LT	STH 96	---	60	---	---	20	---	---
148+40 - 160+50	LT	STH 96	12	---	620	---	---	40	0.07
160+50 - 172+60	LT	STH 96	---	---	---	---	---	---	---
172+60 - 184+70	LT	STH 96	13	---	670	---	---	16	0.08
184+70 - 196+80	LT	STH 96	11	---	570	---	---	---	0.07
196+80 - 206+96	LT	STH 96	6	---	330	---	---	---	0.04
STAGE 1 TOTALS			86	1,560	2,910	0	120	56	0.52
STAGE 2									
101+73 - 112+10	LT	STH 96	4	---	220	---	20	26	0.03
112+10 - 124+20	RT	STH 96	5	---	260	---	20	---	0.03
124+20 - 136+30	RT	STH 96	32	680	980	---	90	22	0.19
136+30 - 148+40	RT	STH 96	12	370	270	---	---	32	0.07
148+40 - 160+50	RT	STH 96	10	170	350	---	30	16	0.06
160+50 - 172+60	RT	STH 96	7	160	200	---	10	25	0.04
172+60 - 184+70	RT	STH 96	14	90	620	---	40	---	0.08
184+70 - 196+80	RT	STH 96	17	130	720	---	10	56	0.10
196+80 - 206+96	RT	STH 96	17	490	360	100	20	38	0.09
STAGE 2 TOTALS			118	2,090	3,980	100	240	215	0.69
CATEGORY 0010 TOTALS			204	3,650	6,890	100	360	271	1.21

CONCRETE SIDEWALK ITEMS CONT.

STATION TO STATION	DIR	LOCATION	305.0110 * BASE AGGREGATE DENSE 3/4-INCH TON	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0415 CONCRETE SIDEWALK 6-INCH SF	SPV.0165.01 CONCRETE SIDEWALK 6-INCH HES SF	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA SF	624.0100 WATER MGAL
CATEGORY 0020									
STAGE 1									
101+73 - 112+10	RT	STH 96	93	4,710	80	---	10	---	0.56
112+10 - 124+20	LT	STH 96	28	1,370	50	---	10	---	0.17
124+20 - 136+30	LT	STH 96	36	1,860	0	---	---	---	0.22
136+30 - 148+40	LT	STH 96	2	110	---	---	---	---	0.01
148+40 - 160+50	LT	STH 96	53	2,470	270	---	20	43	0.32
160+50 - 172+60	LT	STH 96	110	5,360	100	---	---	20	0.66
172+60 - 184+70	LT	STH 96	150	7,350	250	---	---	36	0.90
184+70 - 196+80	LT	STH 96	84	4,050	290	---	40	16	0.51
196+80 - 206+96	LT	STH 96	68	3,710	0	---	20	16	0.41
CATEGORY 0020 STAGE 1 TOTALS			625	30,990	1,040	0	100	131	3.76
STAGE 2									
172+60 - 184+70	RT	STH 96	1	50	0	---	---	---	0.01
196+80 - 206+96	RT	STH 96	1	40	0	---	---	---	0.01
CATEGORY 0020 STAGE 2 TOTALS			2	90	0	0	0	0	0.02
CATEGORY 0020 TOTALS			627	31,080	1,040	0	100	131	3.78
CATEGORY 0060									
146+07 - 146+50	LT	STH 96	5	270	---	---	---	---	0.03
172+60 - 184+70	RT	STH 96	1	50	---	---	---	---	0.01
196+80 - 206+96	RT	STH 96	1	40	---	---	---	---	0.01
CATEGORY 0060 STAGE 1 TOTALS			7	360	0	0	0	0	0.05
STAGE 2									
124+20 - 136+30	RT	STH 96	2	125	---	---	---	---	0.01
136+30 - 148+40	RT	STH 96	7	350	---	---	---	---	0.04
148+40 - 160+50	RT	STH 96	5	240	---	---	---	---	0.03
160+50 - 172+60	RT	STH 96	0	0	---	---	---	---	---
184+70 - 196+80	RT	STH 96	1	60	---	---	---	---	0.01
CATEGORY 0060 STAGE 2 TOTALS			15	775	0	0	0	0	0.09
CATEGORY 0060 TOTALS			22	1,135	0	0	0	0	0.14
PROJECT TOTALS			852	35,865	7,930	100	460	402	5.13

* ADDITIONAL QUANTITY SHOWN ELSEWHERE

FENCE

STA	DIR	LOCATION	204.0170 REMOVING FENCE LF	616.0205 FENCE CHAIN LINE 5-FT LF
CATEGORY 0010				
STAGE 1				
129+95	RT	STH 96	8	8
STAGE 1 TOTAL			8	8
PROJECT TOTALS			8	8

STORM SEWER PIPES

FROM	-	TO	LOCATION	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.2419 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLOPTICAL CLASS HE-IV 19X30-INCH LF	608.6012 STORM SEWER PIPE COMPOSITE 12-INCH LF	SPV.0060.12 CIPP POINT REPAIR 72-INCH EACH
CATEGORY 0010											
STAGE 1											
104+00-Out	-	1013	STH 96	26	---	---	---	---	---	---	---
1013	-	EOL	STH 96	---	---	---	---	15	---	---	---
1036	-	47	STH 96	---	---	---	---	6	---	---	---
1036	-	46	STH 96	---	---	---	---	6	---	---	---
1042	-	CC158	STH 96	---	---	---	---	30	---	---	---
1047	-	1046	STH 96	21	---	---	---	---	---	---	---
142	-	1048	STH 96	6	---	---	---	---	---	---	---
401.1	-	400.1	STH 96	---	---	---	---	---	70	---	---
400.1	-	400.2	STH 96	---	---	---	---	---	99	---	---
400.3	-	400.1	STH 96	---	---	---	---	8	---	---	---
1072	-	118	STH 96	16	---	---	---		---	---	---
EOL	-	1090	STH 96	---	71	---	---		---	---	---
EOL	-	1091	STH 96	---	---	---	---	14	---	---	---
236	-	1094	STH 96	---	---	---	---	8	---	---	---
1094	-	235	STH 96	---	---	---	---	8	---	---	---
1100	-	145	STH 96	8	---	---	---	---	---	---	---
72	-	73	STH 96	---	---	8	---	---	---	---	---
146	-	1136A	STH 96	6	---	---	---	---	---	---	---
1136A	-	147	STH 96	6	---	---	---	---	---	---	---
148	-	1145	STH 96	6	---	---	---	---	---	---	---
1145	-	149	STH 96	6	---	---	---	---	---	---	---
1168	-	1167	STH 96	---	---	---	---	17	---	---	---
1194	-	150	STH 96	8	---	---	---	---	---	---	---
1212	-	1220	STH 96	---	---	---	---	---	---	---	2
			STAGE 1 TOTAL	109	71	8	0	112	169	0	2
STAGE 2											
1014	-	EOL	STH 96	47	---	---	---	---	---	---	---
1018	-	45	STH 96	4	---	---	---	---	---	---	---
49	-	1038	STH 96	---	---	---	---	8	---	---	---
EX. STRUCTURE	-	141	STH 96	---	---	---	---	15	---	---	---
1053	-	231	STH 96	---	---	---	---		---	4	---
1047	-	1048	STH 96	36	---	---	---		---	---	---
101	-	101.1	STH 96	---	---	---	---	6	---	---	---
54	-	55	STH 96	8	---	---	---		---	---	---
60	-	1084	STH 96	---	---	---	---	16	---	---	---
1089	-	EOL	STH 96	---	---	---	---	14	---	---	---
1089	-	144	STH 96	4	---	---	---	---	---	---	---
1122	-	1123	STH 96	7	---	---	---	---	---	---	---
1143	-	1144	STH 96	13	---	---	---	---	---	---	---
91	-	90	STH 96	---	---	---	16	---	---	---	---
88	-	87	STH 96	---	---	8	---	---	---	---	---
151	-	152	STH 96	---	---	16	---	---	---	---	---
153	-	201	STH 96	---	22	---	---	---	---	---	---
154	-	123	STH 96	---	8	---	---	---	---	---	---
156	-	155	STH 96	6	---	---	---	---	---	---	---
			STAGE 2 TOTAL	125	30	24	16	59	0	4	0

STORM SEWER PIPES CONT.

FROM	-	TO	LOCATION	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.2419 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLOPTICAL CLASS HE-IV 19X30-INCH LF	608.6012 STORM SEWER PIPE COMPOSITE 12-INCH LF	SPV.0060.12 CIPP POINT REPAIR 72-INCH EACH
STAGE 3				---	---	---	---	---	---	---	---
139	-	1109	STH 96	---	---	---	---	66	---	---	---
1109	-	166	STH 96	---	---	---	---	6	---	---	---
1109	-	167	STH 96	---	---	---	---	6	---	---	---
			STAGE 3 TOTAL	0	0	0	0	78	0	0	0
			CATEGORY 0010 TOTALS	234	101	32	16	249	169	4	2
CATEGORY 0020				---	---	---	---	---	---	---	---
STAGE 1				---	---	---	---	---	---	---	---
122+90 OUT	-	100	STH 96	10	---	---	---	---	---	---	---
251	-	245	STH 96	---	---	8	---	---	---	---	---
			CATEGORY 0020 TOTALS	10	0	8	0	0	0	0	0
CATEGORY 0060											
STAGE 1											
1091	-	1092	STH 96	---	---	---	---	60	---	---	---
			CATEGORY 0060 TOTALS	0	0	0	0	60	0	0	0
			PROJECT TOTAL	244	101	40	16	309	169	4	2

CONCRETE COLLARS

STATION	TO	STATION	LOCATION	520.8000 CONCRETE COLLARS FOR PIPE EACH
CATEGORY 0010				
STAGE 1				
101+73	-	112+10	STH 96	3
112+10	-	124+20	STH 96	3
136+30	-	148+40	STH 96	4
148+40	-	160+50	STH 96	3
160+50	-	172+60	STH 96	2
172+60	-	184+70	STH 96	2
196+80	-	206+96	STH 96	1
UNDISTRIBUTED			STH 96	3
			STAGE 1 TOTALS	21

CONCRETE COLLARS CONT.

STATION	TO	STATION	LOCATION	520.8000 CONCRETE COLLARS FOR PIPE EACH
STAGE 2				
101+73	-	112+10	STH 96	0
112+10	-	124+20	STH 96	2
124+20	-	136+30	STH 96	2
148+40	-	160+50	STH 96	0
160+50	-	172+60	STH 96	0
172+60	-	184+70	STH 96	0
184+70	-	196+80	STH 96	4
UNDISTRIBUTED			STH 96	3
			STAGE 2 TOTALS	22
STAGE 3				
BLUEMOUND TURN LANES			STH 96	2
			PROJECT TOTALS	43

3

STORM SEWER

STRUCTURE	LOCATION	611.0420 RECONSTRUCTING MANHOLE EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EAC	611.3230 INLETS 2X3-FT EACH	611.8115 ADJUSTING INLET COVERS EACH	611.0430 RECONSTRUCTING INLETS EACH	SPV.0060.13 MANHOLE CRACK & JOINT REPAIR EACH	SPV.0060.18 CLEANING EXISTING MANHOLE EACH	SPV.0060.19 INLET COVER SPECIAL EACH
CATEGORY 0010														
STAGE 1														
1013	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1036	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1050	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1053	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
400.1	STH 96	---	1	---	---	---	---	1	---	---	---	---	---	---
1071	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1072	STH 96	---	---	---	---	---	---	---	---	1	1	---	---	---
1085	STH 96	---	---	---	---	---	---	---	---	---	---	---	---	---
1088	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1089	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1091	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1094	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1096	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1124	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1128	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1136A	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1145	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1168	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1184	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1187	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1210	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1220	STH 96	---	---	---	---	---	---	---	---	---	---	1	---	---
1221	STH 96	1	---	---	---	---	---	---	---	---	---	---	1	---
STAGE 1 TOTALS		1	1	0	0	9	0	1	9	4	7	1	1	0

3

STORM SEWER CONT.

STRUCTURE	LOCATION	611.0420 RECONSTRUCTING MANHOLE EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 6-FT DIAMETER EAC	611.3230 INLETS 2X3-FT EACH	611.8115 ADJUSTING INLET COVERS EACH	611.0430 RECONSTRUCTING INLETS EACH	SPV.0060.13 MANHOLE CRACK & JOINT REPAIR EACH	SPV.0060.18 CLEANING EXISTING MANHOLE EACH	SPV.0060.19 INLET COVER SPECIAL EACH
CATEGORY 0010														
STAGE 2														
1018	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
101	STH 96	---	---	---	1	---	---	---	1	---	---	---	---	---
1048	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1030	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1031	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1038	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1042	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1068	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1077	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1079	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1086	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1122	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1132	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1141	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1143	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1183	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1185	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1153	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
1198	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1200	STH 96	---	---	---	---	---	---	---	---	---	1	---	---	---
1206	STH 96	---	---	---	---	---	---	---	---	1	---	---	---	---
STAGE 2 TOTALS		0	0	0	1	4	0	0	5	11	5	0	0	0
STAGE 3														
1109	STH 96	---	---	1	---	---	1	---	---	---	---	---	---	---
139	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
STAGE 3 TOTALS		0	0	1	0	1	1	0	1	0	0	0	0	0
CATEGORY 0010 TOTALS		1	1	1	1	14	1	1	15	15	12	1	1	0
CATEGORY 0020														
STAGE 1														
100	STH 96	---	---	---	---	1	---	---	1	---	---	---	---	---
1137	STH 96	---	---	---	---	1	---	---	---	---	---	---	---	1
CATEGORY 0020 TOTALS		0	0	0	0	2	0	0	1	0	0	0	0	1
CATEGORY 0060														
STAGE 1														
1092	STH 96	---	---	---	1	---	---	---	1	---	---	---	---	---
CATEGORY 0060 TOTALS		0	0	0	1	0	0	0	1	0	0	0	0	0
PROJECT TOTALS		1	1	1	2	16	1	1	17	15	12	1	1	1

ENDWALLS

STRUCTURE	LOCATION	521.1015 APRON ENDWALLS FOR CULVERT PIPE STEEL 15-INCH EACH	521.1030 APRON ENDWALLS FOR CULVERT PIPE STEEL 30-INCH EACH	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH	522.2619 APRON ENDWALL FOR CPRCHE 19X30-INCH EACH	633.5200 MARKERS CULVERT END EACH	SPV.0060.16 PIPE END GRATE 15-INCH EACH	SPV.0060.17 PIPE END GRATE 30-INCH EACH
CATEGORY 0010								
STAGE 1								
104+00-OUT	STH 96	---	---	1	---	1	---	---
14	STH 96	---	1	---	---	1	---	1
15	STH 96	1	---	---	---	1	1	---
400.2	STH 96	---	---	---	1	1	---	---
STAGE 1 TOTALS		1	1	1	1	4	1	1
CATEGORY 0010 TOTALS		1	1	1	1	4	1	1
CATEGORY 0020								
STAGE 1								
122+90-OUT	STH 96	---	---	1	---	1	---	---
CATEGORY 0020 TOTALS		0	0	1	0	1	0	0
PROJECT TOTALS		1	1	2	1	5	1	1

PIPE UNDERDRAIN

STR	TO	STR	LOCATION	310.0110 * BASE AGGREGATE OPEN-GRADED TON	612.0106 PIPE UNDERDRAIN 6-INCH LF	645.0112 GEOTEXTILE TYPE DF SCHEDULE B SY
CATEGORY 0010						
STAGE 1						
EXIST -		1168	STH 96	1	5	3
EXIST -		1210	STH 96	1	5	3
			STAGE 1 TOTALS	2	10	6
			PROJECT TOTALS	2	10	6

* ADDITIONAL QUANTITES SHOWN IN BASE AGGREGATE TABLE

CONCRETE MEDIAN SLOPED NOSE

STATION	DIR	LOCATION	620.0300 CONCRETE MEDIAN SLOPED SF
CATEGORY 0010			
STAGE 1			
111+25	LT	STH 96	26
120+40	LT	STH 96	19
187+75	LT	STH 96	33
206+92	LT	STH 96	3
		STAGE 1 TOTALS	81
STAGE 2			
126+40	LT	STH 96	50
		STAGE 2 TOTALS	50
		PROJECT TOTALS	131

EROSION CONTROL ITEMS

STATION TO STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINT LF	628.1905 MOB. EROSION CONTROL EA	628.1910 MOB. EROSION CONTROL EMERGENCY EA	628.7010 INLET PROTECT. TYPE B EACH	628.7015 INLET PROTECT. TYPE C EACH	628.7020 INLET PROTECT. TYPE D EACH	628.7504 TEMP. DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	628.7570 ROCK BAGS EACH
CATEGORY 0010											
STAGE 1											
101+73 - 112+10	STH 96	730	730	---	---	2	9	6	50	7	39
112+10 - 124+20	STH 96	250	250	---	---	---	8	10	30	---	26
124+20 - 136+30	STH 96	120	120	---	---	1	9	5	10	3	---
136+30 - 148+40	STH 96	---	---	---	---	---	26	4	---	---	---
148+40 - 160+50	STH 96	---	---	---	---	---	19	---	---	---	---
160+50 - 172+60	STH 96	---	---	---	---	---	4	1	---	---	---
172+60 - 184+70	STH 96	---	---	---	---	---	5	4	---	---	---
184+70 - 196+80	STH 96	130	130	---	---	---	6	19	---	---	---
196+80 - 206+96	STH 96	---	---	---	---	---	11	6	---	---	---
UNDISTRIBUTED		300	300	2	2	1	24	14	25	---	25
PROJECT TOTALS		1,530	1,530	2	2	4	121	69	115	10	90

3

LANDSCAPING ITEMS

STATION TO STATION	DIR	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIX NO. 30 LB	630.0140 SEEDING MIX NO. 40 LB	630.0500 SEED WATER MGAL
CATEGORY 0010										
STAGE 1										
101+73 - 112+10	RT	STH 96	520	0	150	370	0.33	7	17	81
112+10 - 124+20	RT & LT	STH 96	20	0	0	20	0.01	0	1	3
124+20 - 136+30	RT & LT	STH 96	390	140	0	240	0.24	0	17	60
136+30 - 148+40	LT	STH 96	40	0	0	40	0.03	0	2	6
148+40 - 160+50	LT	STH 96	40	0	0	40	0.02	0	2	6
160+50 - 172+60	LT	STH 96	20	0	0	20	0.01	0	1	3
172+60 - 184+70	LT	STH 96	20	0	0	20	0.01	0	1	3
184+70 - 196+80	LT	STH 96	40	0	0	40	0.02	0	2	5
196+80 - 206+96	LT	STH 96	20	0	0	20	0.01	0	1	3
		UNDISTRIBUTED	270	40	40	200	0.17	2	11	43
		STAGE 1 CAT 0010 TOTALS	1,380	180	190	1,010	0.86	9	55	213
STAGE 2										
101+73 - 112+10	RT & LT	STH 96	80	0	0	80	0.05	0	4	12
112+10 - 124+20	RT & LT	STH 96	30	0	0	30	0.02	0	1	5
124+20 - 136+30	RT	STH 96	220	0	0	220	0.14	0	10	34
136+30 - 148+40	RT	STH 96	70	0	0	70	0.05	0	3	12
148+40 - 160+50	RT	STH 96	90	0	0	90	0.05	0	4	14
160+50 - 172+60	RT	STH 96	60	0	0	60	0.04	0	3	10
172+60 - 184+70	RT	STH 96	90	0	0	90	0.05	0	4	13
184+70 - 196+80	RT	STH 96	80	0	0	80	0.05	0	4	13
196+80 - 206+96	RT	STH 96	110	0	0	110	0.07	0	5	17
		UNDISTRIBUTED	210	0	0	210	0.13	0	9	33
		STAGE 2 CATEGORY 0010 TOTALS	1,040	0	0	1,040	0.66	0	47	163
		CATEGORY 0010 TOTALS	2,420	180	190	2,050	1.52	9	102	376
CATEGORY 0020										
STAGE 1										
101+73 - 112+10	RT	STH 96	2,370	0	2,010	360	1.49	90	16	369
112+10 - 124+20	RT & LT	STH 96	290	0	160	130	0.18	7	6	45
124+20 - 136+30	RT & LT	STH 96	600	60	0	540	0.38	0	27	93
136+30 - 148+40	LT	STH 96	0	0	0	0	0.00	0	0	0
148+40 - 160+50	LT	STH 96	220	190	0	30	0.14	0	10	34
160+50 - 172+60	LT	STH 96	410	410	0	0	0.26	0	19	64
172+60 - 184+70	LT	STH 96	660	620	0	40	0.41	0	30	103
184+70 - 196+80	LT	STH 96	340	160	0	180	0.21	0	15	52
196+80 - 206+96	LT	STH 96	300	150	0	150	0.19	0	13	46
		UNDISTRIBUTED	1,290	400	540	350	0.81	24	34	201
		STAGE 1 CATEGORY 0020 TOTALS	6,480	1,990	2,710	1,780	4.07	121	170	1,007
		PROJECT TOTALS	8,900	2,170	2,900	3,830	5.59	130	272	1,383

PERMANENT SIGNS TYPE II AND SIGN SUPPORTS

SIGN NO.	STATION		R/L	FACE DIR.	SIGN CODE	DESCRIPTION	ASSEMBLY WIDTH IN	ASSEMBLY HEIGHT IN	634.0618 * POSTS WOOD 4 X 6-INCH 18 FT EACH	637.2210 SIGNS TYPE II REFLECTIVE TYPE H SF	REMARKS
CATEGORY 0020											
STAGE 1											
111	156+50	LT	STH 96	W		FOX VALLEY TECH COLLEGE RIGHT	30.0	48.0	1	10.00	
130	206+00	LT	STH 96	W	R8-8	DO NOT STOP ON TRACKS	24.0	30.0	---	5.00	USE EXISTING POLE
131	206+00	RT	STH 96	W	R8-8	DO NOT STOP ON TRACKS	24.0	30.0	---	5.00	USE EXISTING POLE
						SHEET TOTAL			1	20.00	
						ROJECT TOTALS					

* ADDITIONAL QUANTITY SHOWN IN MOVING SIGNS TYPE II AND MOVING SMALL SIGN SUPPORTS TABLE

NOTE: 8 FT MOUNTING HEIGHT FOR SIGNS THAT ARE ADJACENT OR OVERHANG SIDEWALK

REMOVING SIGNS

SIGN NO.	STATION	DIR	LOCATION	638.2602 REMOVING SIGNS TYPE II EA	638.3000 * REMOVING SMALL SIGN SUPPORTS EA	204.9060.S.01 REMOVING BUISNESS SIGN STA 205+00 EA	204.9060.S.03 REMOVING BUISNESS SIGN STA 201+90 EA
CATEGORY 0010							
STAGE 1							
---	205+00	LT	STH 96	---	---	1	---
---	201+90	LT	STH 96	---	---	---	1
R130	206+00	LT	STH 96	1	---	---	---
R131	206+00	RT	STH 96	1	---	---	---
			STAGE 1 TOTALS	2	0	1	1
STAGE 2							
R111	156+25	LT	STH 96	1	2	---	---
			STAGE 2 TOTALS	1	2	0	0
			PROJECT TOTALS	3	2	1	1

* ADDITIONAL QUANTITY SHOWN IN MOVING SIGNS TABLE

MOVING SIGNS TYPE II AND MOVING SMALL SIGN SUPPORTS

SIGN NO.	FROM STATION		TO STATION		LOCATION	DESCRIPTION	634.0612 POSTS WOOD 4 X 6-INCH 12-FT EACH	634.0614 POSTS WOOD 4 X 6-INCH 14 FT EACH	634.0616 POSTS WOOD 4 X 6-INCH 16 FT EACH	634.0618 ** POSTS WOOD 4 X 6-INCH 18 FT EACH	638.2102 MOVING SIGNS TYPE II EACH	638.3000 * REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
CATEGORY 0010													
M130		RT		RT	STH 125	RAILROAD CROSSING AHEAD	---	---	---	---	1	---	SIGN AT ON EB STH 125 WEST OF THE WIS. CENTRAL RAILROAD. SEE RAILROAD DETOUR PLAN
M131		RT		RT	STH 125	EAST 125	---	---	---	---	1	---	SIGN AT ON EB STH 125 WEST OF THE WIS. CENTRAL RAILROAD. SEE RAILROAD DETOUR PLAN
						CATEGORY 0010 TOTALS					2	0	
CATEGORY 0020													
M101	103+10	RT	103+10	RT	STH 96	JCT	---	1	---	---	1	1	
						COUNTY GV	---	---	---	---	1	---	
M102	105+15	RT	105+15	RT	STH 96	SPEED LIMIT 35	---	1	---	---	1	1	
M103	107+30	RT	107+30	RT	STH 96	EAST	---	---	---	2	1	2	
						STH 96	---	---	---	---	1	---	
						ARROW AHEAD	---	---	---	---	1	---	
						TO	---	---	---	---	1	---	
						IH 41	---	---	---	---	1	---	
						ARROW AHEAD	---	---	---	---	1	---	
M104	122+00	LT	122+00	LT	STH 96	FRONTAGE ROAD	---	---	2	---	1	1	
						ARROW RIGHT	---	---	---	---	1	---	
M105	122+90	LT	122+90	LT	STH 96	JCT	---	1	---	---	1	1	
						COUNTY GV	---	---	---	---	1	---	
M107	128+50	LT	128+50	LT	STH 96	SOUTH	---	---	---	2	1	2	
						IH 41	---	---	---	---	1	---	
						ARROW LEFT	---	---	---	---	1	---	
						WEST	---	---	---	---	1	---	
						STH 96	---	---	---	---	1	---	
						ARROW AHEAD	---	---	---	---	1	---	
M108	129+75	RT	129+75	RT	STH 96	YIELD	---	1	---	---	1	1	
M109	155+30	LT	155+30	LT	STH 96	DO NOT ENTER	---	1	---	---	1	1	
M110	155+40	LT	155+40	LT	STH 96	COUNTY AA	---	---	1	---	1	1	
						ARROW RIGHT	---	---	---	---	1	---	
M111	156+25	LT	156+25	LT	STH 96	WRONG WAY	---	---	---	---	1	1	ON BACK OF SIGN 111
M112	158+00	LT	158+00	LT	STH 96	BEGIN RIGHT TURN LANE	---	1	---	---	1	1	
M113	161+00	LT	161+00	LT	STH 96	JCT	1	---	---	---	1	1	
						COUNTY AA	---	---	---	---	1	---	
M114	163+80	LT	163+80	LT	STH 96	SPEED LIMIT 35	---	1	---	---	1	1	
M115	168+80	LT	168+80	LT	STH 96	CENTER LANE RIGHT/LEFT ONLY	---	1	---	---	1	1	
M116	176+40	LT	176+40	LT	STH 96	CENTER LANE RIGHT/LEFT ONLY	---	1	---	---	1	1	
M117	181+15	LT	181+15	LT	STH 96	COUNTY	---	---	1	---	1	1	
						ARROW RIGHT/LEFT	---	---	---	---	1	---	
M118	181+55	LT	181+55	LT	STH 96	DO NOT ENTER	---	1	---	---	1	1	
M119	182+55	LT	182+55	LT	STH 96	WRONG WAY	---	1	---	---	1	1	
M120	183+75	LT	183+75	LT	STH 96	NO PARKING ANY TIME LEFT	---	1	---	---	1	1	
M121	184+50	LT	184+50	LT	STH 96	BEGIN RIGHT TURN LANE	---	1	---	---	1	1	
M122	187+80	LT	187+80	LT	STH 96	DO NOT ENTER	---	1	---	---	1	1	
M123	188+00	LT	188+00	LT	STH 96	NO PARKING ANY TIME LEFT	---	1	---	---	1	1	
M124	189+15	LT	189+15	LT	STH 96	WRONG WAY	---	1	---	---	1	1	
M125	189+85	LT	189+85	LT	STH 96	ADDOPT A HIGHWAY	1	---	---	---	1	1	
M126	191+50	LT	191+50	LT	STH 96	SPEED LIMIT 35	---	1	---	---	1	1	
M127	192+35	LT	192+35	LT	STH 96	ONE WAY LEFT ARROW	---	1	---	---	1	1	
M128	202+75	LT	202+75	LT	STH 96	CENTER LANE RIGHT/LEFT ONLY	---	1	---	---	1	1	
M129	205+65	LT	205+65	LT	STH 96	SPEED LIMIT 35	---	1	---	---	1	1	
						CATEGORY 0020 TOTALS	2	20	4	4	44	30	
						PROJECT TOTALS	2	20	4	4	46	30	

* ADDITIONAL QUANTITY SHOWN IN REMOVING SIGNS TABLE.

** ADDITIONAL QUANTITY SHOWN IN PERMANENT SIGNS TYPE II AND SIGN SUPPORTS TABLE

NOTE: 8 FT MOUNTING HEIGHT FOR SIGNS THAT ARE ADJACENT OR OVERHANG SIDEWALK

3

TEMPORARY PAVEMENT MARKING

STATION - STATION	DIR	LOCATION	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH LF	643.3265 TEMPORARY MARKING LINE PAINT 10-INCH LF
CATEGORY 0040				
STAGE 1				
126+38 - 128+85	WB	STH 96	---	125
STAGE 1 TOTALS			0	125
STAGE 1A				
126+38 - 128+85	WB	STH 96	30	---
126+38 - 128+85	EB	STH 96	30	---
STAGE 1A TOTALS			60	0
STAGE 2				
126+38 - 128+85	EB	STH 96	---	125
STAGE 2 TOTALS			0	125
STAGE 2A				
126+38 - 128+85	WB	STH 96	30	125
STAGE 2A TOTALS			30	125
STAGE 2B				
126+38 - 128+85	EB	STH 96	30	125
STAGE 2B TOTALS			30	125
CATEGORY 0040 TOTALS			120	500

TEMPORARY PAVEMENT MARKING CONT.

STATION - STATION	DIR	LOCATION	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH LF	643.3265 TEMPORARY MARKING LINE PAINT 10-INCH LF
CATEGORY 0050				
STAGE 1				
126+38 - 128+85	WB	STH 96	---	125
STAGE 1 TOTALS			0	125
STAGE 1A				
126+38 - 128+85	WB	STH 96	30	---
126+38 - 128+85	EB	STH 96	30	---
STAGE 1A TOTALS			60	0
STAGE 2				
126+38 - 128+85	EB	STH 96	---	125
STAGE 2 TOTALS			0	125
STAGE 2A				
126+38 - 128+85	WB	STH 96	30	125
STAGE 2A TOTALS			30	125
STAGE 2B				
126+38 - 128+85	EB	STH 96	30	125
STAGE 2B TOTALS			30	125
CATEGORY 0050 TOTALS			120	500
PROJECT TOTALS			240	1,000

TRAFFIC CONTROL

STAGE	LOCATION	APPROX. SERVICE PERIOD DAYS	614.0905 ** CRASH CUSHION TEMP. EACH	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF	643.0300 * TRAFFIC CONTROL DRUMS NO.	643.0300 * DAYS	643.0420 * BARRICADES TYPE III NO.	643.0420 * DAYS	643.0705 * WARNING LIGHTS TYPE A NO.	643.0705 * DAYS	643.0715 * WARNING LIGHTS TYPE C NO.	643.0715 * DAYS	643.0900 * TRAFFIC CONTROL SIGNS NO.	643.0900 * DAYS	643.1050 * TRAFFIC CONTROL SIGNS PCMS NO.	643.1050 * DAYS	643.1070 CONES 42-INCH NO.	643.1070 DAYS	643.1220.S CONNECTED WORK ZONE START & END LOCATION MARKERS NO.	643.1220.S DAYS	643.0810.S CONNECTED ARROW BOARD NO.	643.0810.S DAYS
PROJECT 4075-40-71																							
CATEGORY 0010																							
1	STH 96 WB	43	--	--	--	555	23,865	11	473	22	946	22	946	32	1,376	1	7	8	344	2	86	1	43
1	STH 96 EB	43	--	--	--	555	23,865	11	473	22	946	22	946	30	1,290	1	7	24	1,032	2	86	1	43
1	IH 41 NB OFF RAMP - RT TURN LANE CLOSURE	43	--	--	--	45	1,935	2	86	4	172	5	215	2	86	1	7	0	0	2	86	1	43
1	IH 41 NB OFF RAMP - LT TURN LANE CLOSURE	43	--	--	--	58	2,494	2	86	4	172	5	215	2	86	2	14	0	0	2	86	1	43
1	IH 41 SB OFF RAMP	43	--	--	--	51	2,193	4	172	4	172	5	215	2	86	3	21	0	0	2	86	1	43
1	CTH GV	1	--	--	--	0	0	15	15	0	0	30	30	9	9		0	0	0	0	0	0	0
1	MALL ENTERENCE	1	--	--	--	0	0	10	10	0	0	20	20	6	6		0	0	0	0	0	0	0
1	WHEELER ROAD	1	--	--	--	0	0	5	5	0	0	10	10	3	3		0	0	0	0	0	0	0
1	N. WESTHILL BLVD	43	--	--	--	20	860	3	129	0	0	10	430	6	258		0	0	0	0	0	0	0
1	NORTH LEG BLUEMOUND DRIVE	1	--	--	--	10	10	5	5	0	0	10	10	6	6	1	3	0	0	0	0	0	0
1	POPP LANE	2	--	--	--	0	0	10	20	0	0	20	40	6	12		0	0	0	0	0	0	0
1	REXFORD STREET	2	--	--	--	0	0	10	20	0	0	20	40	6	12		0	0	0	0	0	0	0
1	SOUTH LEG PERKINS STREET	1	--	--	--	0	0	5	5	0	0	10	10	3	3		0	0	0	0	0	0	0
1C	IH 41 NB OFF RAMP - LT TURN LANE CLOSURE	3	--	--	--	53	159	2	6	4	0	5	15	2	6	1	7	0	0	2	6	1	3
2	STH 96 WB	45	--	--	--	550	24,750	11	495	22	990	22	990	30	1,350	0	0	8	360	2	90	1	45
2	STH 96 EB	45	--	--	--	550	24,750	11	495	22	990	22	990	32	1,440	0	0	24	1,080	2	90	1	45
2	IH 41 NB OFF RAMP - LT TURN LANE CLOSURE	45	--	--	--	53	2,385	2	90	4	0	5	225	2	90	1	7	0	0	2	90	1	45
2	RAILROAD CLOSURE	7	--	--	--	60	420	2	14	4	28	5	35	2	14	2	14	0	0	2	14	1	7
2	IH 41 SB ON RAMP CLOSURE	7	--	--	--	47	329	8	56	16	112	5	35	12	84	1	7	0	0	2	14	1	7
2	CTH GV	1	--	--	--	0	0	5	5	0	0	10	10	3	3		0	0	0	0	0	0	0
2	MALL ENTERENCE	1	--	--	--	0	0	5	5	0	0	10	10	3	3		0	0	0	0	0	0	0
2	WHEELER ROAD	1	--	--	--	0	0	5	5	0	0	10	10	3	3		0	0	0	0	0	0	0
2	N. WESTHILL BLVD	45	--	--	--	20	900	3	135	0	0	10	450	6	270		0	0	0	0	0	0	0
2	SOUTH LEG BLUEMOUND DRIVE	1	--	--	--	10	10	5	5	0	0	10	10	4	4	1	3	0	0	0	0	0	0
2	W. ELBERG AVE	1	--	--	--	0	0	5	5	0	0	10	10	3	3		0	0	0	0	0	0	0
2	HICKORY FARM LANE	2	--	--	--	0	0	10	20	0	0	20	40	6	12		0	0	0	0	0	0	0
2	NORTH LEG LYNNDALE DRIVE	2	--	--	--	10	20	10	20	0	0	20	40	6	12	1	3	0	0	0	0	0	0
2	SOUTH LEG LYNNDALE DIRVE	2	--	--	--	10	20	10	20	0	0	20	40	6	12	1	3	0	0	0	0	0	0
2	SOUTH LEG PERKINS STREET	2	--	--	--	0	0	10	20	0	0	20	40	6	12		0	0	0	0	0	0	0
2B	IH 41 NB OFF RAMP - LT TURN LANE CLOSURE	3	--	--	--	43	129	1	3	2	0	7	21	4	12	3	21	0	0	0	0	0	0
3	BLUEMOUND DR TURN LANES	3	--	--	--	81	243	3	9	6	0	10	30	22	66	1	3	0	0	4	12	2	6
4	STH 96 WB	8	--	--	--	555	4,440	11	88	22	176	22	176	51	408	1	7	8	64	2	16	1	8
4	STH 96 EB	8	--	--	--	555	4,440	11	88	22	176	22	176	48	384	1	7	24	192	2	16	1	8
	UNDISTRIBUTED		0	0	0		2,203		137		220		250		219		9		38		37		16
	CATEGORY 0010 TOTALS		0	0	0		120,420		3,220		5,100		6,730		7,640		150		3,110		815		405
CATEGORY 0030																							
4	IH 41 NB OFF RAMP	2	--	--	--	53	106	2	4	4	8	5	10	13	26	1	7	0	0	2	4	1	2
4	IN 41 SB ON RAMP	2	--	--	--	41	82	2	4	4	8	5	10	13	26	1	7	0	0	2	4	1	2
	UNDISTRIBUTED		0	0	0		12		2		4		5		3		1		0		2		1
	CATEGORY 0030 TOTALS		0	0	0		200		10		20		25		55		15		0		10		5
	SHEET TOTALS		0	0	0		120,620		3,230		5,120		6,755		7,695		165		3,110		825		410

3

3

TRAFFIC CONTROL CONT.

STAGE	LOCATION	APPROX. SERVICE PERIOD DAYS	614.0905 ** CRASH CUSHION TEMP. EACH	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF	643.0300 * TRAFFIC CONTROL DRUMS NO.	DAYS	643.0420 * BARRICADES TYPE III NO.	DAYS	643.0705 * WARNING LIGHTS TYPE A NO.	DAYS	643.0715 * WARNING LIGHTS TYPE C NO.	DAYS	643.0900 * TRAFFIC CONTROL SIGNS NO.	DAYS	643.1050 * TRAFFIC CONTROL SIGNS PCMS NO.	DAYS	643.1070 CONES 42-INCH NO.	DAYS	643.1220.S CONNECTED WORK ZONE START & END LOCATION MARKERS NO.	DAYS	643.0810.S CONNECTED ARROW BOARD NO.	DAYS
PROJECT 4075-40-71																							
CATEGORY 0040																							
1	STH 96 WB	22	--	--	--	60	1,320	2	44	2	44	12	264	12	264	0	0	10	220	2	44	1	22
1	STH 96 EB	22	--	--	--	96	2,112	4	88	4	88	10	220	14	308	0	0	0	0	2	44	1	22
1A	STH 96 WB	11		--	--	42	462	3	33	6	66	7	77	4	44	0	0	0	0	0	0	0	0
1A	STH 96 EB	11	1	550.0	550.0	54	594	3	33	6	66	7	77	4	44	0	0	0	0	0	0	0	0
1B	STH 96 WB	3	--	--	--	74	222	2	6	4	12	10	30	7	21	0	0	10	30	2	6	1	3
1B	STH 96 EB	3	--	--	--	72	216	2	--	4	--	0	--	7	21	0	0	0	0	0	--	0	--
1C	STH 96 WB	3	--	--	--	76	228	2	6	4	12	10	30	7	21	0	0	10	30	2	6	1	3
1C	STH 96 EB	3	--	--	--	56	--	5	--	10	--	10	--	9	27	0	0	10	30	0	--	0	--
2	STH 96 WB	23	--	--	--	108	--	4	--	8	--	12	276	10	230	0	0	0	0	0	--	0	--
2	STH 96 EB	23	--	--	--	88	--	3	--	6	--	10	230	10	230	0	0	20	460	0	--	0	--
2A	STH 96 WB	7	--	--	--	108	756	4	28	8	0	12	84	14	98	0	0	0	0	0	0	0	0
2B	STH 96 EB	7	--	--	162.5	164	1,148	4	28	8	0	10	70	14	98	0	0	0	0	2	14	1	7
	UNDISTRIBUTED		0	0	0.0		127		14		17		58		61		0		15		4		1
	CATEGORY 0040 TOTALS		1	550.0	712.5		7,185		280		305		1,435		1,470		0		785		120		60
CATEGORY 0050																							
1	STH 96 WB	22	--	--	--	60	1,320	2	44	2	44	12	264	12	264	0	0	10	220	2	44	1	22
1	STH 96 EB	22	--	--	--	96	2,112	4	88	4	88	10	220	14	308	0	0	0	--	2	44	1	22
1A	STH 96 WB	11	1	550.0	550.0	42	462	3	33	6	66	7	77	4	44	0	0	0	0	0	0	0	0
1A	STH 96 EB	11	--	--	--	54	594	3	33	6	66	7	77	4	44	0	0	0	0	0	0	0	0
1B	STH 96 WB	3	--	--	--	74	222	2	6	4	12	10	30	7	21	0	0	10	30	2	6	1	3
1B	STH 96 EB	3	--	--	--	72	--	2	--	4	--	0	--	7	21	0	0	0	0	0	--	0	--
1C	STH 96 WB	3	--	--	--	76	228	2	6	4	12	10	30	7	21	0	0	10	30	2	6	1	3
1C	STH 96 EB	3	--	--	--	56	--	5	--	10	--	10	--	9	27	0	0	10	30	0	--	0	--
2	STH 96 WB	23	--	--	--	108	--	4	--	8	--	12	276	10	230	0	0	0	0	0	--	0	--
2	STH 96 EB	23	--	--	--	88	--	3	--	6	--	10	230	10	230	0	0	20	460	0	--	0	--
2A	STH 96 WB	7	--	--	162.5	108	756	4	28	8	0	12	84	14	98	0	0	0	0	0	0	0	0
2B	STH 96 EB	7	--	--	--	164	1,148	4	28	8	0	10	70	14	98	0	0	0	0	2	14	1	7
	UNDISTRIBUTED		0	0	0.0		128		14		17		77		64		0		15		6		3
	CATEGORY 0050 TOTALS		1	550.0	712.5		6,970		280		305		1,435		1,470		0		785		120		60
	PROJECT TOTALS		2	1100.0	1425.0		134,775		3,790		5,730		9,625		10,635		165		4,680		1,065		530

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

** CRASH TEST LEVEL TL-2

TEMPORARY PEDESTRIAN ACCOMMODATIONS

STAGE	LOCATION	STA	DAYS	643.0300* TRAFFIC CONTROL DRUMS No.	DAY	643.0420* TRAFFIC CONTROL BARRICADES TYPE III No.	DAY	643.0705* TRAFFIC CONTROL WARNING LIGHTS TYPE A No.	DAY	643.0715* TRAFFIC CONTROL WARNING LIGHTS TYPE C No.	DAY	643.0800 TRAFFIC CONTROL ARROW BOARD No.	DAY	643.0900* TRAFFIC CONTROL SIGNS No.	DAY	643.3305** TEMPORARY MARKING CROSSWALK PAINT 6-INCH LF	644.1410 TEMPORARY PEDESTRIAN SURFACE ASPHALT SF	644.1430 TEMPORARY PEDESTRIAN SURFACE PLATE SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP No.	DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF	SPV.0090.05 PEDESTRIAN OVERHEAD PROTECTION LF
CATEGORY 0010																							
1	FOX RIVER MALL DRIVE		43	--	--	--	--	--	--	--	--	--	--	1	43	--	--	--	--	--	--	--	--
	N. COLORADO AVE		43	--	--	--	--	--	--	--	--	--	--	1	43	--	--	--	--	--	--	18	--
	STH 96	122+90	43	6	258	2	86	4	172	--	--	--	--	1	43	--	15	60	--	--	20	66	--
	IH 41 UNDERPASS		43	--	--	--	--	--	--	--	--	--	--	2	86	--	--	--	--	--	--	36	--
	STH 96	131+00	43	--	--	--	--	--	--	--	--	--	--	1	43	--	--	--	--	--	--	18	--
	STH 96	133+50	43	6	258	2	86	4	172	--	--	--	--	--	--	--	15	60	--	--	20	48	--
	STH 96	137+00	43	6	258	2	86	4	172	--	--	--	--	--	--	--	40	60	--	--	20	48	--
	CTH AA (BLUEMOUND DR)		43	11	473	1	43	2	86	5	215	1	43	8	344	--	--	--	1	43	10	36	--
	CTH A (LYNNDALE DR)		43	7	301	1	43	2	86	5	215	1	43	6	258	170	--	--	1	43	10	--	--
	N. PERKINS ST.		43	--	--	--	--	--	--	--	--	--	--	2	86	--	45	60	--	--	20	60	--
	STH 96	202+80	43	6	258	2	86	4	172	--	--	--	--	--	--	--	--	60	--	--	20	48	--
	STH 96	203+20	43	6	258	2	86	4	172	--	--	--	--	--	--	--	25	60	--	--	20	48	--
	N. BADGER AVE		43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24	--
	TEMPORARY BUS STOPS	STH 96	43	30	1,290	6	258	12	516	--	--	--	--	6	258	--	360	--	--	--	60	48	--
		STAGE 1 SUBTOTALS			3,354		774		1,548		430		86		1,204	170	500	360		86	200	498	0
2	CTH GV		43	--	--	--	--	--	--	--	--	--	--	1	43	--	--	--	--	--	--	24	--
	FOX RIVER MALL		43	--	--	--	--	--	--	--	--	--	--	2	86	--	--	--	--	--	--	42	--
	IH 41 SB ON RAMP		43	--	--	--	--	--	--	--	--	--	--	2	86	--	--	--	--	--	--	36	--
	IH 41 NB OFF RAMP		43	--	--	--	--	--	--	--	--	--	--	2	86	--	--	--	--	--	--	36	--
	N. WHEELER RD		43	--	--	2	86	2	86	--	--	--	--	2	86	--	15	60	--	--	20	84	--
	N. WHESTHILL BLVD.		43	8	344	4	172	4	172	5	215	1	43	4	172	180	--	--	1	43	10	186	--
	CTH AA (BLUEMOUND DR)		43	19	817	2	86	2	86	--	--	1	43	12	516	--	--	--	1	43	10	216	--
	W ELBERG AVE		43	--	--	--	--	--	--	--	--	--	--	2	86	--	--	--	--	--	--	36	--
	N HICKORY FARM LN		43	--	--	--	--	--	--	--	--	--	--	2	86	--	--	--	--	--	--	36	--
	CTH A (LYNNDALE DR)		43	15	645	1	43	1	43	--	--	1	43	6	258	--	--	--	1	43	30	168	--
	WHILHARMS DR		43	--	--	--	--	--	--	--	--	--	--	2	86	--	--	--	--	--	--	36	--
	N. PERKINS ST		43	--	--	--	--	--	--	--	--	--	--	4	172	--	15	60	--	--	20	66	--
	STH 96	195+25	43	--	--	--	--	--	--	--	--	--	--	--	--	--	15	60	--	--	20	48	--
	N. HARD DR		43	--	--	--	--	--	--	--	--	--	--	2	86	--	--	--	--	--	--	--	--
	STH 96	201+50	43	--	--	--	--	--	--	--	--	--	--	--	--	132	--	--	2	86	20	48	--
	STH 96	203+25	43	--	--	--	--	--	--	--	--	--	--	--	--	--	15	60	--	--	20	84	--
	N. BADGER AVE		43	--	--	--	--	--	--	--	--	--	--	1	43	--	--	--	--	--	--	6	--
	TEMPORARY BUS STOPS	STH 96	43	30	1,290	6	258	12	516	--	--	--	--	2	86	--	360	--	--	--	60	48	--
		STAGE 2 SUBTOTALS			3,096		666		903		215		129		1,978	312	420	240		215	210	1,200	0
		CATEGORY 0010 TOTALS			6,450		1,440		2,451		645		215		3,182	482	920	600		301	410	1,698	
CATEGORY 0040																							
2	B-44-0157		43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	54	144
		CATEGORY 0040 TOTALS			0		0		0		0		0		0	0	0	0		0	0	54	144
CATEGORY 0050																							
2	B-44-0158		43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	114	144
		CATEGORY 0050 TOTALS			0		0		0		0		0		0	0	0	0		0	0	114	144
		PROJECT SUBTOTALS			6,450		1,440		2,451		645		215		3,182	482	920	600		301	410	1,866	288
		UNDISTRIBUTED			323		72		123		32		11		159	24	46	32		15	20	96	0
		PROJECT TOTALS			6,773		1,512		2,574		677		226		3,341	506	966	632		316	430	1,962	288

* ADDITIONAL QUANTITIES LOCATED IN THE TRAFFIC CONTROL TABLE

** ADDITIONAL QUANTITIES SHOWN IN MARKING LINE SAME DAY TABLE

3

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 21 DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	643.0300 TRAFFIC CONTROL DRUMS * DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0420 BARRICADES TYPE III * DAYS	643.0705 WARNING LIGHTS TYPE A * DAYS	643.1000 SIGNS FIXED MESSAGE * SF	643.1050 TRAFFIC CONTROL SINGS PCMS * DAYS	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II * EACH	REMARKS
PROJECT 4075-40-71															
CATEGORY 0010															
1	STH 96, W. OF CTH A, PLACE 1500' W. OF CTH A INTERSECTION	W 20-2A	48"X48"	1	21			21							
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	21			21							
	"	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 5-1R	21"X21"	1	21			21							
4	STH 96, AT CTH A, PLACE RIGHT OF EXISTING J-SERIES SIGN AT CTH A INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 6-1	21"X21"	1	21			21							RIGHT
5	CTH A, N. OF STH 96, PLACE 1000' N. OF STH 96 INTERSECTION	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	W 20-2A	48"X48"	1	21			21							
6	CTH A, N. OF STH 96, PLACE 500' N. OF STH 96 INTERSECTION	FMS	48"X24"	1							8				SEE SIGN DETAIL SHEET
7	CTH A, AT STH 96, PLACE RIGHT OF EXISTING J-SERIES SIGN AT STH 96 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 6-1	21"X21"	1	21			21							AHEAD
8	CTH A, AT STH 96, MODIFY EXISTING J13-1 SIGN AS SHOWN	MO 6-6	21"X21"	1	21			21							AHEAD-RIGHT
9	STH 96, AT CTH A, PLACE ON RIGHT SHOULDER IN SE QUADRANT OF INTERSECTION	R 11-3	60"X30"	1	21			21	21	42					1/2 MILE AHEAD
	"	M 4-9R	30"X24"	1	21			21							
10	STH 96, E. OF CTH A, COVER EXISTING J4-1 SIGN AS SHOWN												1	1	COVER ENTIRE SIGN
11	STH 96, W. OF RXR CROSSING, PLACE ON RIGHT SHOULDER, FIELD DETERMINE LOCATION	PCMS		1	7	5	35					7			PLACE IN ADVANCE OF CLOSURE
12	STH 96, E. OF RXR CROSSING, PLACE ON RIGHT SHOULDER, FIELD DETERMINE LOCATION	PCMS		1	7	5	35					7			PLACE IN ADVANCE OF CLOSURE
13	CTH A, AT STH 96, MODIFY EXISTING J13-1 SIGN AS SHOWN	MO 6-1	21"X21"	1	21			21							LEFT
14	CTH A, S. OF STH 96, PLACE 250' S. OF STH 96 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
15	CTH A, S. OF STH 96, MODIFY EXISTING J1-1 SIGN S. OF STH 96 INTERSECTION	M 4-8A	24"X18"	1	21			21							
16	CTH A, N. OF STH 125, PLACE 500' N. OF STH 125 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 5-1L	21"X21"	1	21			21							
17	CTH A, N. OF STH 125, PLACE 250' N. OF STH 125 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
18	CTH A, AT STH 125, PLACE RIGHT OF EXISTING J13-1 SIGN AT INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 6-1	21"X21"	1	21			21							LEFT
PAGE SUBTOTALS				39		10	70	735	21	42	16	14		1	

* ADDITONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC CONTROL DETOUR SIGN SUMMARY CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 21 DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	643.0300 TRAFFIC CONTROL DRUMS * DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0420 BARRICADES TYPE III * DAYS	643.0705 WARNING LIGHTS TYPE A * DAYS	643.1000 SIGNS FIXED MESSAGE * SF	643.1050 TRAFFIC CONTROL SINGS PCMS * DAYS	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II * EACH	REMARKS
PROJECT 4075-40-71															
CATEGORY 0010															
19	STH 125, AT CTH A, PLACE RIGHT OF EXISTING J13-1 SIGN AT STH 125 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 6-1	21"X21"	1	21			21							RIGHT
20	STH 125, E. OF CTH A, PLACE 250' E. OF CTH A INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
21	STH 125, E. OF CTH A, PLACE 500' E. OF CTH A INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 5-1R	21"X21"	1	21			21							
22	STH 125, W. OF STH 47, PLACE 500' W. OF STH 47 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 5-1L	21"X21"	1	21			21							
23	STH 125, W. OF STH 47, PLACE 250' W. OF STH 47 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
24	STH 125, AT STH 47, PLACE RIGHT OF EXISTING J13-1 SIGN AT INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 6-1	21"X21"	1	21			21							LEFT
25	STH 47, S. OF STH 125, PLACE 1000' S. OF STH 125 INTERSECTION	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	W 20-2A	48"X48"	1	21			21							
26	STH 47, S. OF STH 125, PLACE 500' S. OF STH 125 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 5-1L	21"X21"	1	21			21							
27	STH 47, S. OF STH 125, PLACE 100' S. OF STH 125 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 6-1	21"X21"	1	21			21							LEFT
28	STH 47, AT STH 125, PLACE RIGHT OF EXISTING SIGNAL AT STH 125 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 6-1	21"X21"	1	21			21							RIGHT
29	STH 47, N. OF STH 125, PLACE 250' N. OF STH 125 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-2	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
30	STH 47, N. OF STH 125, PLACE 500' N. OF STH 125 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 5-1R	21"X21"	1	21			21							
	PAGE SUBTOTALS			44		0	0	924	0	0	0	0	0	0	

* ADDITONAL QUANTITIES SHOWN ELSEWHERE

3

TRAFFIC CONTROL DETOUR SIGN SUMMARY CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 21 DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	643.0300 TRAFFIC CONTROL DRUMS * DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0420 BARRICADES TYPE III * DAYS	643.0705 WARNING LIGHTS TYPE A * DAYS	643.1000 SIGNS FIXED MESSAGE * SF	643.1050 TRAFFIC CONTROL SINGS PCMS * DAYS	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II * EACH	REMARKS
PROJECT 4075-40-71															
CATEGORY 0010															
31	STH 47, S. OF STH 96, MODIFY EXISTING J1-1 SIGN S. OF STH 96 INTERSECTION	M 4-8A	24"X18"	1	21			21							
32	STH 47, S. OF STH 96, PLACE 250' S. OF STH 96 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
33	STH 47, AT STH 96, MODIFY EXISTING J13-1 SIGN AS SHOWN	MO 6-1	21"X21"	1	21			21							RIGHT
34	STH 96, AT STH 47, PLACE ON RIGHT SHOULDER IN NW QUADRANT OF INTERSECTION	R 11-3	60"X30"	1	21			21	21	42					1 MILE AHEAD
	"	M 4-9L	30"X24"	1	21			21							
35	STH 96, W. OF STH 47, COVER EXISTING J4-1 SIGN AS SHOWN												1	1	COVER ENTIRE SIGN
36	STH 47, N. OF STH 96, PLACE RIGHT OF EXISTING SIGNAL N. OF STH 96 INTERSECTION	M 1-6	24"X24"	1	21			21							96
		MO 6-6	21"X21"	1	21			21							LEFT-AHEAD
37	STH 47, N. OF STH 96, PLACE 500' N. OF STH 96 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 6-1	21"X21"	1	21			21							AHEAD
38	STH 47, N. OF STH 96, PLACE 1000' N. OF STH 96 INTERSECTION	FMS	48"X24"	1	21			21			8				SEE SIGN DETAIL SHEET
39	STH 47, N. OF STH 96, PLACE 1500' N. OF STH 96 INTERSECTION	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	W 20-2A	48"X48"	1	21			21							
40	STH 96, E. OF STH 47, PLACE 100' E. OF STH 47 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 6-1	21"X21"	1	21			21							LEFT
41	STH 96, E. OF STH 47, PLACE 500' E. OF STH 47 INTERSECTION	MO 4-8	24"X12"	1	21			21							
	"	M 3-4	24"X12"	1	21			21							
	"	M 1-6	24"X24"	1	21			21							96
	"	MO 5-1L	21"X21"	1	21			21							
42	STH 96, E. OF STH 47, PLACE 1000' E. OF STH 47 INTERSECTION	FMS	48"X24"	1	21			21			8				SEE SIGN DETAIL SHEET
43	STH 96, E. OF STH 47, PLACE 1500' E. OF STH 47 INTERSECTION	W 20-2A	48"X48"	1	21			21							
	PAGE SUBTOTALS			27		0	0	567	21	42	16	0		1	
	CATEGORY 0010 DETOUR TOTALS					**10**	**70**	**2,226**	**42**	**84**	**32**	**14**		**2**	

* ADDITONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	643.0300 TRAFFIC CONTROL DRUMS * DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0040													
	IH 41 NB, SOUTH OF STH 96, PLACE 2100' SOUTH OF STH 96 OFF RAMP	PCMS		1	7	5	35					7	
70	IH 41 NB, SOUTH OF STH 96, MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11						6		
71	IH 41 NB, SOUTH OF STH 96, PLACE 1100' SOUTH OF STH 96 OFF RAMP	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	W20-2A	48 X 48	1	11			11					
72	IH 41 NB, SOUTH OF STH 96, PLACE 800' SOUTH OF STH 96 OFF RAMP	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					AHEAD
72A	IH 41 NB, SOUTH OF STH 96, PLACE 800' SOUTH OF STH 96 OFF RAMP	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					AHEAD
73	IH 41 NB, SOUTH OF STH 96, PLACE 500' SOUTH OF STH 96 OFF RAMP	M3-4	36 X 18	1	11			11					96
	"	M1-6	36 X 36	1	11			11					WEST
	"	W20-3A	48 X 48	1	11			11					
74	IH 41 NB, SOUTH OF STH 96, MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11			11			6		
75	IH 41 NB, SOUTH OF STH 96, PLACE AT STH 96 OFF RAMP	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					AHEAD
75A	IH 41 NB, SOUTH OF STH 96, PLACE AT STH 96 OFF RAMP	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					AHEAD
76	IH 41 NB OFF RAMP, SOUTH OF STH 96, COVER EXISTING D1-2		X		11					1			COVER ENTIRE SIGN
77	IH 41 NB OFF RAMP, SOUTH OF STH 96, COVER EXISTING R3-5L AND R3-6L		X		11					2			COVER LEFT TURN SIGNS
78	IH 41 NB OFF RAMP, SOUTH OF STH 96, COVER EXISTING J2-2		X		11					3			COVER LEFT HALF OF SIGN
79	IH 41 NB, IH 41 NORTH OVERPASS, PLACE ON IH 41 OVERPASS	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
80	IH 41 NB, NORTH OF STH 96, MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11						6		
	"	M1-6	36 X 36	1	11			11					96
81	IH 41 NB, SOUTH OF CTH OO, PLACE 500' SOUTH OF IH 41 OFF RAMP LEFT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-2R	30 X 30	1	11			11					
82	IH 41 NB, SOUTH OF CTH OO, PLACE 500' SOUTH OF IH 41 OFF RAMP RIGHT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-2R	30 X 30	1	11			11					
83	IH 41 NB, SOUTH OF CTH OO, MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11						6		
	"	M1-6	36 X 36	1	11			11					96
84	IH 41 NB, SOUTH OF CTH OO, PLACE AT CTH OO OFF RAMP RIGHT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-2	30 X 30	1	11			11					RIGHT
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE		PAGE TOTALS					35	440	0	6	24	7	

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	643.0300 TRAFFIC CONTROL DRUMS * DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0040													
85	IH 41 NB, SOUTH OF CTH OO, PLACE AT CTH OO OFF RAMP LEFT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-2	30 X 30	1	11			11					RIGHT
86	IH 41 NB OFF RAMP, SOUTH OF CTH OO, PLACE 500' SOUTH OF CTH OO	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-1L	30 X 30	1	11			11					
87	IH 41 NB OFF RAMP, SOUTH OF CTH OO, PLACE AT CTH OO	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					LEFT
88	CTH OO WB, EAST OF IH 41 ON RAMP, PLACE 500' EAST OF IH 41 ON RAMP	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-1L	30 X 30	1	11			11					
89	CTH OO WB, EAST OF IH 41 ON RAMP, PLACE AT IH 41 ON RAMP	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					LEFT
90	IH 41 SB ON RAMP, SOUTH OF CTH OO, PLACE AT CTH OO	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
91	IH 41 SB, NORTH OF CTH OO, COVER/MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11				1		6		COVER RIGHT PART OF CENTER ARROW
92	IH 41 SB, SOUTH OF STH 96, PLACE 500' SOUTH OF IH 41 OFF RAMP LEFT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-2R	30 X 30	1	11			11					
93	IH 41 SB, SOUTH OF STH 96, PLACE 500' SOUTH OF IH 41 OFF RAMP RIGHT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-2R	30 X 30	1	11			11					
94	IH 41 SB, SOUTH OF STH 96, COVER/MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11				1		6		COVER RIGHT PART OF CENTER ARROW
95	IH 41 SB, SOUTH OF STH 96, PLACE AT IH 41 OFF RAMP LEFT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-2	30 X 30	1	11			11					RIGHT
96	IH 41 SB, SOUTH OF STH 96, PLACE AT IH 41 OFF RAMP RIGHT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-2	30 X 30	1	11			11					RIGHT
97	IH 41 SB OFF RAMP, SOUTH OF STH 96, PLACE 500' SOUTH OF STH 96	M4-8	36 X 18	1	11			11					
	"	M3-4	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-1R	30 X 30	1	11			11					
98	IH 41 SB OFF RAMP, SOUTH OF STH 96, PLACE AT STH 96	M4-8A	30 X 24	1	11			11					
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE					PAGE TOTALS		0	484	2	0	12	0	

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	643.0300 TRAFFIC CONTROL DRUMS * DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0040													
130	STH 96 WB, EAST OF IH 41 ON RAMP, PLACE 1000' EAST OF IH 41 ON RAMP	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	W20-2A	48 X 48	1	11			11					
131	STH 96 WB, EAST OF IH 41 ON RAMP, COVER/MODIFY EXISTING J2-2	M4-8	24 X 12	1	11			11		1			COVER LEFT TURN ARROW
	"	MO6-1	21 X 21	1	11			11					AHEAD
132	STH 96 WB, EAST OF IH 41 ON RAMP, PLACE 500' EAST OF IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
133	STH 96 WB, EAST OF IH 41 ON RAMP, MODIFY EXISTING TYPE 1 SIGN	M4-8	24 X 12	1	11			11					
134	STH 96 WB, EAST OF IH 41 ON RAMP, COVER OVERHEAD SIGN		X	1	11					1			COVER ENTIRE SIGN
135	STH 96 WB, EAST OF IH 41 ON RAMP, PLACE AT IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
136	STH 96 WB, EAST OF IH 41 ON RAMP, COVER/MODIFY EXISTING J2-1	M4-8	24 X 12	1	11			11		1			COVER LEFT TURN ARROW
	"	MO6-1	21 X 21	1	11			11					AHEAD
137	STH 96 WB, WEST OF IH 41 ON RAMP, PLACE AT IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
138	STH 96 WB, EAST OF CTH GV, PLACE AT CTH GV RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
139	STH 96 WB, EAST OF CTH GV, PLACE AT CTH GV LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
140	STH 96 WB, EAST OF CASALOMA DR, PLACE AT CASALOMA DR RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
141	STH 96 WB, EAST OF CASALOMA DR, PLACE AT CASALOMA DR LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
142	STH 96 WB, WEST OF CASALOMA DR, PLACE AT CASALOMA DR RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
143	STH 96 WB, WEST OF CASALOMA DR, PLACE AT CASALOMA DR LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
144	STH 96 WB, EAST OF MCCARTHY RD, PLACE AT MCCARTHY RD RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE			PAGE TOTALS				0	484	0	3	0	0	

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	643.0300 TRAFFIC CONTROL DRUMS * DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0040													
145	STH 96 WB, EAST OF MCCARTHY RD, PLACE AT MCCARTHY RD LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
146	STH 96 WB, WEST OF MCCARTHY RD, PLACE AT MCCARTHY RD RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
147	STH 96 WB, WEST OF MCCARTHY RD, PLACE AT MCCARTHY RD LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
148	STH 96 WB, EAST OF MAYFLOWER RD, PLACE AT MAYFLOWER RD RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
149	STH 96 WB, EAST OF MAYFLOWER RD, PLACE AT MAYFLOWER RD LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
150	STH 96 WB, WEST OF MAYFLOWER RD, PLACE AT MAYFLOWER RD RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
151	STH 96 WB, WEST OF MAYFLOWER RD, PLACE AT MAYFLOWER RD LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
152	STH 96 WB, EAST OF CTH CB, PLACE 500' EAST OF CTH CB LEFT TURN LANE RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO5-1L	21 X 21	1	11			11					
153	STH 96 WB, EAST OF CTH CB, PLACE 500' EAST OF CTH CB LEFT TURN LANE LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	M5-1L	21 X 21	1	11			11					
154	STH 96 WB, EAST OF CTH CB, PLACE AT CTH CB LEFT TURN LANE RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					LEFT
155	STH 96 WB, EAST OF CTH CB, PLACE AT CTH CB LEFT TURN LANE LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					LEFT
156	STH 96 WB, EAST OF CTH CB, PLACE AT CTH CB	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					LEFT
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE		PAGE TOTALS					0	484	0	0	0	0	

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0040													
157	CTH CB SB, SOUTH OF STH 96, PLACE AT STH 96	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
158	CTH CB SB, NORTH OF CTH CA, PLACE 500' NORTH OF CTH CA	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					
	"	MO5-1L	21 X 21	1	11			11					41
159	CTH CB SB, NORTH OF CTH CA, PLACE AT CTH CA	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					LEFT
160	CTH CA EB, EAST OF CTH CB, PLACE AT CTH CB	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
161	CTH CA EB, WEST OF COMMUNICATION DR, PLACE AT COMMUICATION DR LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
162	CTH CA EB, WEST OF COMMUNICATION DR, PLACE AT COMMUICATION DR RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
163	CTH CA EB, EAST OF COMMUNICATION DR, PLACE AT COMMUICATION DR LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
164	CTH CA EB, EAST OF COMMUNICATION DR, PLACE AT COMMUICATION DR RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
165	CTH CA EB, WEST OF MAYFLOWER RD, PLACE AT MAYFLOWER RD LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
166	CTH CA EB, WEST OF MAYFLOWER RD, PLACE AT MAYFLOWER RD RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
167	CTH CA EB, EAST OF MAYFLOWER RD, PLACE AT MAYFLOWER RD LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
168	CTH CA EB, EAST OF MAYFLOWER RD, PLACE AT MAYFLOWER RD RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
169	CTH CA EB, WEST OF MCCARTHY RD, PLACE AT MCCARTHY RD LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE		PAGE TOTALS				0		506	0	0	0	0	

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	643.0300 TRAFFIC CONTROL DRUMS * DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0040													
170	CTH CA EB, WEST OF MCCARTHY RD, PLACE AT MCCARTHY RD RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	M06-1	21 X 21	1	11			11					AHEAD
171	CTH CA EB, EAST OF MCCARTHY RD, PLACE AT MCCARTHY RD LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
172	CTH CA EB, EAST OF MCCARTHY RD, PLACE AT MCCARTHY RD RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
173	CTH CA EB, WEST OF CASALOMA DR, PLACE AT CASALOMA DR LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	M06-1	21 X 21	1	11			11					AHEAD
174	CTH CA EB, WEST OF CASALOMA DR, PLACE AT CASALOMA DR RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	M06-1	21 X 21	1	11			11					AHEAD
175	CTH CA EB, EAST OF CASALOMA DR, PLACE AT CASALOMA DR LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
176	CTH CA EB, EAST OF CASALOMA DR, PLACE AT CASALOMA DR RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
177	CTH CA EB, WEST OF IH 41 ON RAMP, MODIFY EXISTING J2-2	M4-8	24 X 12	1	11			11					
178	CTH CA EB, WEST OF IH 41 ON RAMP, PLACE 500' WEST OF IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	M05-1L	21 X 21	1	11			11					
179	CTH CA EB, WEST OF IH 41 ON RAMP, PLACE AT IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	M06-1	21 X 21	1	11			11					RIGHT
180	IH 41 SB ON RAMP, SOUTH OF CTH CA, PLACE AT CTH CA	M4-8A	24 X 12	1	11			11					
	"	M3-3	24 X 12	1	11			11					
	"	M1-1	24 X 24					0					41
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE		PAGE TOTALS						385	0	0	0	0	
		CATEGORY 0040 DETOUR TOTALS						2783	2	9	36	7	

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	643.0300 TRAFFIC CONTROL DRUMS * DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0050													
	IH 41 SB, NORTH OF STH 96, PLACE 2100' NORTH OF STH 96 OFF RAMP	PCMS		1	7	5	35					7	
39	IH 41 SB, NORTH OF STH 96, MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11						6		
40	IH 41 SB, NORTH OF STH 96, PLACE 1100' NORTH OF STH 96 OFF RAMP	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	W20-2A	48 X 48	1	11			11					
41	IH 41 SB, NORTH OF STH 96, PLACE 800' NORTH OF STH 96 OFF RAMP	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					AHEAD
41A	IH 41 SB, NORTH OF STH 96, PLACE 800' NORTH OF STH 96 OFF RAMP	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					AHEAD
42	IH 41 SB, NORTH OF STH 96, PLACE 500' NORTH OF STH 96 OFF RAMP	M3-2	36 X 18	1	11			11					96
	"	M1-6	36 X 36	1	11			11					EAST
	"	W20-3A	48 X 48	1	11			11					
43A	IH 41 SB, NORTH OF STH 96, MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11						6		
43	IH 41 SB, NORTH OF STH 96, PLACE AT START OF STH 96 OFF RAMP	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					AHEAD
44A	IH 41 SB, NORTH OF STH 96, PLACE AT START OF STH 96 OFF RAMP	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					AHEAD
44	IH 41 SB, NORTH OF STH 96, STH 96 OFF RAMP, COVER EXISTING J2-1		X	1	11					3			COVER ENTIRE SIGN
45	IH 41 SB, NORTH OF STH 96, STH 96 OFF RAMP, COVER EXISTING R3-5L AND R3-6L		X	1	11					2			COVER LEFT TURN AND THROUGH ARROWS
46	IH 41 SB, NORTH OF STH 96, STH 96 OFF RAMP, COVER EXISTING D1-61 LEFT ARROW		X	1	11					1			COVER LEFT ARROW
47	IH 41 SB, SOUTH OF STH 96, MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11						6		
	"	M1-6	36 X 36	1	11			11					96
48	IH 41 SB, NORTH OF CTH CA, PLACE 500' NORTH OF CTH CA OFF RAMP LEFT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-2R	30 X 30	1	11			11					
49	IH 41 SB, NORTH OF CTH CA, PLACE 500' NORTH OF CTH CA OFF RAMP RIGHT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-2R	30 X 30	1	11			11					
50	IH 41 SB, NORTH OR CTH CA, MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11						6		
	"	M1-6	36 X 36	1	11			11					96
51	IH 41 SB, NORTH OF CTH CA, PLACE AT IH 41 OFF RAMP LEFT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-2	30 X 30	1	11			11					RIGHT
52	IH 41 SB, NORTH OF CTH CA, PLACE AT IH 41 OFF RAMP RIGHT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-2	30 X 30	1	11			11					RIGHT
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE					PAGE TOTALS		35	440	0	6	24	7	

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0050													
53	IH 41 SB OFF RAMP, NORTH OF CTH CA, PLACE ON CTH CA OFF RAMP	FMS	126 X 66	1	11						57.75		
54	IH 41 SB OFF RAMP, NORTH OF CTH CA, PLACE 500' NORTH OF CTH CA LEFT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-1L	30 X 30	1	11			11					
55	IH 41 SB OFF RAMP, NORTH OF CTH CA, PLACE 500' NORTH OF CTH CA RIGHT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-1L	30 X 30	1	11			11					
56	IH 41 SB OFF RAMP, NORTH OF CTH CA, PLACE AT CTH CA RIGHT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					LEFT
57	IH 41 SB OFF RAMP, NORTH OF CTH CA, PLACE AT CTH CA LEFT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-1	30 X 30	1	11			11					LEFT
58	CTH CA EB, WEST OF IH 41 ON RAMP, PLACE WEST IH 41 OVERPASS	M4-8	24 X 12	1	11			11					
	"	M3-2	24 X 12	1	11			11					
	"	M1-6	24 X 24	1	11			11					96
	"	MO5-1L	21 X 21	1	11			11					
59	CTH CA EB, WEST OF IH 41 ON RAMP, PLACE 500' WEST OF IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-2	24 X 12	1	11			11					
	"	M1-6	24 X 24	1	11			11					96
	"	MO5-1L	21 X 21	1	11			11					
60	CTH CA EB, WEST OF IH 41 ON RAMP, PLACE AT IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-2	24 X 12	1	11			11					
	"	M1-6	24 X 24	1	11			11					96
	"	MO6-1	21 X 21	1	11			11					LEFT
61	IH 41 NB ON RAMP, NORTH OF CTH CA, PLACE AT CTH CA	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
61A	IH 41 SB, STH 96 OVERPASS, PLACE ON STH 96 OVERPASS	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
62	IH 41 NB, NORTH OF CTH CA, MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11						6		
63	IH 41 NB, SOUTH OF STH 96, PLACE 500' SOUTH OF IH 41 OFF RAMP LEFT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-2R	30 X 30	1	11			11					
64	IH 41 NB, SOUTH OF STH 96, PLACE 500' SOUTH OF IH 41 OFF RAMP RIGHT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-2R	30 X 30	1	11			11					
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE		PAGE TOTALS				0		374	0	0	6	0	

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	643.0300 TRAFFIC CONTROL DRUMS * DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0050													
65	IH 41 NB, SOUTH OF STH 96, MODIFY EXISTING TYPE 1 SIGN	FMS	36 X 18	1	11						6		
66	IH 41 NB, SOUTH OF STH 96, PLACE AT IH 41 OFF RAMP RIGHT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-2	30 X 30	1	11			11					RIGHT
67	IH 41 NB, SOUTH OF STH 96, PLACE AT IH 41 OFF RAMP LEFT SIDE	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO6-2	30 X 30	1	11			11					RIGHT
68	IH 41 NB OFF RAMP, SOUTH OF STH 96, PLACE 500' SOUTH OF STH 96	M4-8	36 X 18	1	11			11					
	"	M3-2	36 X 18	1	11			11					
	"	M1-6	36 X 36	1	11			11					96
	"	MO5-1R	30 X 30	1	11			11					
69	IH 41 NB OFF RAMP, SOUTH OF STH 96, COVER/MODIFY TYPE 2 SIGN	M4-8A	30 X 24	1	11			11		3			
100	STH 96 EB, WEST OF IH 41 ON RAMP, PLACE 1000' WEST OF IH 41 ON RAMP	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	W20-2A	48 X 48	1	11			11					
101	STH 96 EB, WEST OF IH 41 ON RAMP, MODIFY EXISTING TYPE 1 SIGN	M4-8	24 X 12	1	11			11					
102	STH 96 EB, WEST OF IH 41 ON RAMP, COVER/MODIFY EXISTING J2-2	M4-8	24 X 12	1	11			11		1			COVER LEFT TURN ARROW
	"	MO6-1	21 X 21	1	11			11					AHEAD
103	STH 96 EB, WEST OF IH 41 ON RAMP, COVER EXISTING OVERHEAD D1-2		X							1			COVER ENTIRE SIGN
104	STH 96 EB, WEST OF IH 41 ON RAMP, PLACE AT IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
105	STH 96 EB, WEST OF IH 41 ON RAMP, COVER/MODIFY EXISTING J2-1	M4-8	24 X 12	1	11			11		1			COVER LEFT TURN ARROW
	"	MO6-1	21 X 21	1	11			11					AHEAD
106	STH 96 EB, EAST OF IH 41 ON RAMP, PLACE AT IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
107	STH 96 EB, WEST OF CTH AA, PLACE AT CTH AA RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
108	STH 96 EB, WEST OF CTH AA, PLACE AT CTH AA LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
109	STH 96 EB, EAST OF CTH AA, PLACE AT CTH AA	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
110	STH 96 EB, WEST OF CTH A, PLACE 500' WEST OF CTH A RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO5-1L	21 X 21	1	11			11					
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE			PAGE TOTALS				0	385	0	6	0	0	

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0050													
111	STH 96 EB, WEST OF CTH A, PLACE 500' WEST OF CTH A LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO5-1L	21 X 21	1	11			11					
112	STH 96 EB, WEST OF CTH A, PLACE AT CTH A RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					LEFT
113	STH 96 EB, WEST OF CTH A, PLACE AT CTH A LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					LEFT
114	CTH A NB, NORTH OF STH 96, PLACE AT STH 96	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
115	CTH A NB, SOUTH OF CTH OO, PLACE 500' SOUTH OF CTH OO RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO5-1L	21 X 21	1	11			11					
116	CTH A NB, SOUTH OF CTH OO, PLACE 500' SOUTH OF CTH OO LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO5-1L	21 X 21	1	11			11					
117	CTH A NB, SOUTH OF CTH OO, PLACE AT CTH OO RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					LEFT
118	CTH A NB, SOUTH OF CTH OO, PLACE AT CTH OO LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					LEFT
119	CTH A NB, SOUTH OF CTH OO, PLACE AT CTH OO	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO5-1L	21 X 21	1	11			11					
120	CTH OO WB, WEST OF CTH A, PLACE AT CTH A	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
121	CTH OO WB, EAST OF CTH AA, PLACE 500' EAST OF CTH AA LEFT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE		PAGE TOTALS				0		374	0	0	0	0	

TRAFFIC CONTROL DETOUR CONT.

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H IN X IN	NUMBER IN SERVICE	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS * NO.	DAYS	643.0900 TRAFFIC CONTROL SIGNS * DAYS	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	643.1000 SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS * DAYS	REMARKS
PROJECT 4075-40-71													
CATEGORY 0050													
122	CTH OO WB, EAST OF CTH AA, PLACE 500' EAST OF CTH AA RIGHT SIDE	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
123	CTH OO WB, EAST OF CTH AA, PLACE AT CTH AA	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					AHEAD
124	CTH OO WB, EAST OF IH 41 ON RAMP, PLACE 500' EAST OF IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO5-1R	21 X 21	1	11			11					
125	CTH OO WB, EAST OF IH 41 ON RAMP, PLACE AT IH 41 ON RAMP	M4-8	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
	"	MO6-1	21 X 21	1	11			11					RIGHT
126	IH 41 NB ON RAMP, NORTH OF CTH OO, PLACE AT CTH OO	M4-8A	24 X 12	1	11			11					
	"	M3-1	24 X 12	1	11			11					
	"	M1-1	24 X 24	1	11			11					41
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE			PAGE TOTALS	11			0	121	0	0	0	0	
			CATEGORY 0050 DETOUR TOTALS				35	1694	0	12	30	7	
			PROJECT TOTALS				105	6703	2	21	98.00	28	

PAVEMENT MARKING

STATION - STATION			LOCATION	646.2020 MARKING LINE EPOXY 6-INCH (WHITE) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	646.2025 MARKING LINE GROOVED BLACK EPOXY 6-INCH LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) (SOLID) LF	646.4040 (2'LINE 6' SKIP)	646.4040 (3'LINE 9' SKIP) LF	646.5320 MARKING RAILROAD CROSSING EPOXY EACH	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) LF	646.8120 MARKING CURB EPOXY LF	646.8220 MARKING ISLAND NOSE EPOXY EACH	646.5020 MARKING ARROW EPOXY (WHITE) EACH	646.5120 MARKING WORD EPOXY (WHITE) EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF
CATEGORY 0010																			
STAGE 4																			
102+05	-	209+65	STH 96	395	23,970	24,850	24,850	0	120	1,010	5	3,500	160	18	65	15	405	30
			CATEGORY 0010 TOTALS	395	48,820		24,850		1,130		5	3,500	160	18	65	15	405	30
CATEGORY 0030																			
STAGE 4																			
30+66	-	37+45	IH 41 NB OFF RAMP	0	1,400	0	0	790	0	0	0	190	0	0	0	0	0	0
7+96	-	9+49	IH 41 SB ON RAMP	0	260	0	0	0	0	0	0	110	0	0	0	0	0	0
			CATEGORY 0030 TOTALS	0	1,660		0		790		0	190	0	0	0	0	0	0
			PROJECT TOTALS	395	50,480		24,850		1,920		5	3,690	160	18	65	15	405	30

NOTES: CENTERLINE GROOVED PAVEMENT MARKING WILL REMOVE EXISTING CENTERLINE EPOXY MARKING, IF CURRENT STANDARD CENTERLINE MARKING DOES NOT MATCH EXISTING, REMOVAL IS INCIDENTAL TO GROOVED WET REFLECTIVE EPOXY 6-INCH ITEM.

COLD WEATHER PAVEMENT MARKING

STATION - STATION			LOCATION	646.6466 COLD WEATHER MARKING EPOXY 6-INCH (WHITE) LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH (YELLOW) LF	646.6470 COLD WEATHER MARKING EPOXY 10-INCH (WHITE) (SOLID) LF	646.6470 (2'LINE 6' SKIP)	646.6470 (3'LINE 9' SKIP) LF	SPV.0060.26 COLD WEATHER MARKING RAILROAD CROSSING EPOXY EACH	SPV.0090.07 COLD WEATHER MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) LF	SPV.0090.08 COLD WEATHER MARKING CURB EPOXY LF	SPV.0060.27 COLD WEATHER MARKING ISLAND NOSE EPOXY EACH	SPV.0060.28 COLD WEATHER MARKING ARROW EPOXY (WHITE) EACH	SPV.0060.29 COLD WEATHER MARKING WORD EPOXY (WHITE) EACH	SPV.0090.09 COLD WEATHER MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	SPV.0090.10 COLD WEATHER MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF
CATEGORY 0010																	
STAGE 4																	
102+05	-	209+65	STH 96	24,360	24,850	0	120	1,010	5	3,461	160	17	65	15	405	30	
			CATEGORY 0010 TOTALS	49,210			1,130		5	3,461	160	17	65	15	405	30	
CATEGORY 0030																	
STAGE 4																	
30+66	-	37+45	IH 41 NB OFF RAMP	1,400	0	790	0	0	0	190	0	0	0	0	0	0	
7+96	-	9+49	IH 41 SB ON RAMP	260	0	0	0	0	0	110	0	0	0	0	0	0	
			CATEGORY 0030 TOTALS	1,660			790		0	190	0	0	0	0	0	0	
			PROJECT TOTALS	50,870			1,920		5	3,651	160	17	65	15	405	30	

3

MARKING LINE SAME DAY

STATION - STATION			DIR	LOCATION	646.4705 6-INCH (WHITE) SOLID LF	646.4705 6-INCH (WHITE) 4' DASH, 46' SKIP LF	646.4705 6-INCH (YELLOW) SOLID LF	643.3265 MARKING LINE PAINT 10-INCH (WHITE) (SOLID) LF	643.3305* MARKING CROSSWALK PAINT 6-INCH LF
CATEGORY 0010									
STAGE 1									
101+73	-	206+96	EB	STH 96	0	840	0	4,240	170
				STAGE 1 TOTALS		840		4,240	170
STAGE 2									
101+73	-	206+96	WB	STH 96	600	840	0	4,054	290
				STAGE 2 TOTALS		1,440		4,054	290
STAGE 4									
101+73	-	206+96	EB	STH 96	---	3,370	2,800	---	---
101+73	-	206+96	WB	STH 96	---	3,370	2,800	---	---
				STAGE 4 TOTALS		12,340		0	0
				CATEGORY 0010 TOTALS		14,620		8,294	460
				PROJECT TOTALS		14,620		8,294	460

* ADDITIONAL QUANTITIES SHOWN IN TEMPORARY PEDESTRIAN ACCOMMODATION TABLE

MARKING LINE REMOVALS

STA	DIR	LOCATION	646.9000 MARKING LINE REMOVAL 4-INCH LF	646.9002 MARKING LINE REMOVAL 6-INCH LF	646.9100 MARKING LINE REMOVAL 8-INCH LF	646.9102 MARKING LINE REMOVAL 10-INCH LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	COMMENT
CATEGORY 0010								
STAGE 4								
203+75	RT	STH 96	---	---	---	---	3	RAILROAD CROSSING
208+00	RT	STH 96	---	---	---	---	2	RAILROAD CROSSING
CATEGORY 0010 STAGE 4 TOTAL			0	0	0	0	5	
CATEGORY 0020								
STAGE 1								
LYNNDALE DR			---	170	---	---	---	
STAGE 1 TOTAL			0	170	0	0	0	
CATEGORY 0020								
STAGE 2								
LYNNDALE DR			---	50	---	---	---	
PERKINS ST			---	120	---	---	---	
201+50	R/L	STH 96	---	120	---	---	---	
STAGE 2 TOTAL			0	290	0	0	0	
CATEGORY 0020 TOTALS			0	460	0	0	0	
CATEGORY 0040								
STAGE 1								
126+38 - 128+85 WB			---	---	125	125	---	
STAGE 1 TOTALS			0	0	125	125	0	
STAGE 1A								
126+38 - 128+85 WB			30	30	---	---	---	
126+38 - 128+85 EB			30	30	---	---	---	
STAGE 1A TOTALS			60	60	0	0	0	
STAGE 2								
126+38 - 128+85 EB			---	---	---	125	---	
STAGE 2 TOTALS			0	0	0	125	0	
STAGE 2A								
126+38 - 128+85 WB			30	30	---	125	---	
STAGE 2A TOTALS			30	30	0	125	0	
STAGE 2B								
126+38 - 128+85 EB			30	30	---	125	---	
STAGE 2B TOTALS			30	30	0	125	0	
CATEGORY 0040 TOTALS			120	120	125	500	0	

MARKING LINE REMOVALS CONT.

STA	DIR	LOCATION	646.9000 MARKING LINE REMOVAL 4-INCH LF	646.9002 MARKING LINE REMOVAL 6-INCH LF	646.9100 MARKING LINE REMOVAL 8-INCH LF	646.9102 MARKING LINE REMOVAL 10-INCH LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	COMMENT
CATEGORY 0050								
STAGE 1								
126+38 - 128+85 WB			---	---	125	125	---	
STAGE 1 TOTALS			0	0	125	125	0	
STAGE 1A								
126+38 - 128+85 WB			30	30	---	---	---	
126+38 - 128+85 EB			30	30	---	---	---	
STAGE 1A TOTALS			30	60	0	0	0	
STAGE 2								
126+38 - 128+85 EB			---	---	125	125	---	
STAGE 2 TOTALS			0	0	125	125	0	
STAGE 2A								
126+38 - 128+85 WB			30	30	125	125	---	
STAGE 2A TOTALS			30	30	125	125	0	
STAGE 2B								
126+38 - 128+85 EB			30	30	125	125	---	
STAGE 2B TOTALS			30	30	125	125	0	
CATEGORY 0050 TOTALS			90	120	500	500	0	
PROJECT TOTALS			210	700	625	1,000	5	

3

CONSTRUCTION STAKING

STAGE	LOCATION	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	650.5500 CONSTRUCTION STAKING C & G LF	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.8501 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (4075-40-71) EACH	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9500 CONSTRUCTION STAKING SIDEWALK (4075-40-71) EACH	650.9911 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (4075-40-71) LS	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
CATEGORY 0010									
STAGE 1		9	354	10,524	---	5	---	---	---
STAGE 2		8	166	---	---	32	---	---	---
STAGE 3		2	0	---	---	---	---	---	---
STAGE 4		---	---	---	---	---	---	---	---
PROJECT		---	---	---	1	---	0.1	1	---
CATEGORY 0010 TOTALS		19	520	10,524	1	37	0.1	1	0
CATEGORY 0020									
STAGE 1		4	---	---	---	11	0.9	---	6,800
CATEGORY 0020 TOTALS		4	0	0	0	11	1	0	6,800
PROJECT TOTALS		23	520	10,524	1	48	1	1	6,800

ADJUSTING PULL BOXES

STATION	DIR	LOCATION	653.0900 ADJUSTING PULL BOXES EACH
CATEGORY 0020			
STAGE 1			
181+27	LT	STH 96	1
183+00	LT	STH 96	1
207+60	LT	STH 96	1
STAGE 1 TOTALS			3
STAGE 2			
179+85	RT	STH 96	1
206+03	RT	STH 96	1
STAGE 2 TOTALS			2
PROJECT TOTALS			5

CONDUIT SCHEDULE 80

STR	TO	STR	LOCATION	652.0335 CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH LF
CATEGORY 0010				
STAGE 2				
EXIST PB	-	EXIST CONDUIT	STH 96	50
EXIST PB	-	PROPOSED BUNGELOW	STH 96	50
STAGE 2 TOTALS				100

3

Conduit Rigid Nonmetallic Schedule 40

Location	FROM	TO	652.0210 1-Inch LF	652.0225 2-Inch LF	652.0235 3-Inch LF	652.0605 2-Inch Special LF	652.0615 3-Inch Special LF
CATEGORY 0010							
I 41 NB & STH 96 Phase 1 (S44-0309)	CB1	PB1			25		
	CB1	PB1			25		
	PB1	PBZ		5			
	PB1	PB3					115
	PBX	PB9					65
	PB9	PB10					55
	PB10	PBY			5		
	PB10	PB11			55		
	PB10	PB11			55		
	PB11	PB12		10			
	PB11	PB14					75
	PB11	PB14					75
	PB14	PB15		10			
	PB14	CB1			30		
	PB14	CB1			30		
STH 96 & BLUEMOUND (S44-0163)	PB2	SB2		10			
	PB2	PB4					95
	PB2	PB4					95
	PB4	PB0		60			
	PB0	PB3				35	
	PB3	Splice	35				
	PB4	PB5			65		
	PB8	PB10					90
	PB8	PB10					90
	PB10	PB14		70			
	PB14	PB9				40	
	PB10	PB11			65		
	PB11	PB13					80
CATEGORY 0010 TOTALS			**35**	**165**	**355**	**75**	**835**

Conduit Rigid Nonmetallic Schedule 40 Cont.

Location	FROM	TO	652.0210 1-Inch LF	652.0225 2-Inch LF	652.0235 3-Inch LF	652.0605 2-Inch Special LF	652.0615 3-Inch Special LF
CATEGORY 0020							
STH 96 & LYNDALE (S44-0120)	PB0	SB1		10			
	PB0	SB10		10			
	PB2	SB11		10			
	PB2	PB3			45		
	PB3	SB4		10			
	PB6	PB7			35		
STH 96 & PERKINS (S44-0296)	PBX	SB12		10			
	PBY	SB13		20			
STH 96 & WESTHILL (S44-0369)	PBA	SB11		35			
	PBX	SB12		15			
	PBY	SB13		15			
	PBZ	SB14		10			
CATEGORY 0020 TOTALS			**0**	**145**	**80**	**0**	**0**
PROJECT TOTALS			**35**	**310**	**435**	**75**	**835**

3

PULL BOXES

	653.0135 PULL BOXES STEEL 24X36-INCH EACH	653.0164 PULL BOXES NON-CONDUCTIVE 24X42-INCH EACH	653.0905 REMOVING PULL BOXES EACH
CATEGORY 0010			
I 41 NB & STH 96 Phase 1 (S44-0309)	---	6	---
STH 96 & BLUEMOUND (S44-0163)	---	4	2
RAILROAD	2	---	1
CATEGORY 0010 TOTALS	**2**	**10**	**3**

LOOP DETECTORS

	LOOP NO.	NO. OF TURNS	652.0800 CONDUIT LOOP DETECTOR LF	655.0700 LOOP DETECTOR LEAD IN CABLE LF	655.0800 LOOP DETECTOR WIRE LF
CATEGORY 0010					
STH 96 & BLUEMOUND (S44-0163)	11	2	152	313	312
	51	3	162	413	494
	61	5		463	568
CATEGORY 0010 TOTALS			**314**	**1189**	**1374**

	LOOP NO.	NO. OF TURNS	652.0800 CONDUIT LOOP DETECTOR LF	655.0700 LOOP DETECTOR LEAD IN CABLE LF	655.0800 LOOP DETECTOR WIRE LF
CATEGORY 0020					
STH 96 & LYNDALE (S44-0120)	11	2	20	---	192
CATEGORY 0020 TOTALS			**20**	**0**	**192**
PROJECT TOTALS			**334**	**1189**	**1566**

CONCRETE BASES

	LOCATION	STATION	OFFSET	654.0101 TYPE 1 EACH	654.0217 TYPE 9 SPECIAL EACH
CATEGORY 0010					
I 41 NB & STH 96 Phase 1 (S44-0309)	CB1	128+79	45' RT		1
	SB8	129+09	30' RT	1	
STH 96 & BLUEMOUND (S44-0163)	SB2	153+20	43' RT	1	
CATEGORY 0010 TOTALS				**2**	**1**

	LOCATION	STATION	OFFSET	654.0101 TYPE 1 EACH	654.0217 TYPE 9 SPECIAL EACH
CATEGORY 0020					
STH 96 & LYNDALE (S44-0120)	SB11	179+74	56' LT	1	
	SB10	179+81	49' RT	1	
	SB4	179+92	72' LT	1	
	SB1	179+91	54' RT	1	
STH 96 & PERKINS (S44-0296)	SB12	193+27	60' LT	1	
	SB13	192+39	43' RT	1	
STH 96 & WESTHILL (S44-0369)	SB11	140+09	49' RT	1	
	SB12	141+36	78' LT	1	
	SB13	141+48	32' RT	1	
	SB14	141+35	40' RT	1	
CATEGORY 0020 TOTALS				**10**	**0**
PROJECT TOTALS				**12**	**1**

3

CABLE TRAFFIC SIGNAL

	FROM	TO	655.0230 5-14 AWG LF	655.0240 7-14 AWG LF	655.0260 12-14 AWG LF	HEAD NO.	655.0700 LOOP DETECTOR LEADE IN CABLE LF	655.0230 BASE TO HEAD 5-14 AWG LF	655.0240 BASE TO HEAD 7-14 AWG LF	655.0900 EVP DETECTOR LF
CATEGORY 0010										
I 41 NB & STH 96 Phase 1 (S44-0309)	CB1	SB8	100			13		26		
						BUTTON	5	---		
STH 96 & BLUEMOUND (S44-0163)	CB1	SB2			103	1			31	
						10		31		
						24		26		
						Button	5			
		SB3			238	2		Use Existing		
						3		Use Existing		
						4		Use Existing		
						EVP #4				382
		SB4	233			23		Use Existing		
		SB5			258	15		Use Existing		
						16		Use Existing		
						22		Use Existing		
		SB6			413	17		Use Existing		
						18		Use Existing		
						19		Use Existing		
						EVP #1				212
		SB7	473			21		Use Existing		
						Button	Use Existing			
		SB8			430	5		Use Existing		
						6		Use Existing		
						28		Use Existing		
						Button	Use Existing			
		SB9				EVP #2				262
RAILROAD	CB1	RAILROAD BUNGELOW			320					
CATEGORY 0010 SUBTOTALSTOTALS			**806**	**0**	**1762**		**10**	**83**	**31**	**856**
CATEGORY 0010 TOTALS			**889**	**31**	**1762**		**10**			**856**

3

CABLE TRAFFIC SIGNAL CONT.

	FROM	TO	655.0230 5-14 AWG LF	655.0240 7-14 AWG LF	655.0260 12-14 AWG LF	HEAD NO.	655.0700 LOOP DETECTOR LEADE IN CABLE LF	655.0230 BASE TO HEAD 5-14 AWG LF	655.0240 BASE TO HEAD 7-14 AWG LF	655.0900 EVP DETECTOR LF
CATEGORY 0020										
STH 96 & LYNDALE (S44-0120)	CB1	SB1	58			23		26		
						Button	5			
		SB10	58			22		26		
						Button	5			
		SB11	233			21		26		
						Button	5			
		SB4			288	15		31		
						16			31	
						25		26		
						Button	5			
		SB6	413			26		26		
						Button	5			
STH 96 & PERKINS (S44-0296)	CB1	SB2	98			21		26		
						Button	5			
		SB12	178			22		26		
						Button	5			
		SB8	173			19		26		
						Button	5			
		SB13	148			18		26		
						Button	5			
STH 96 & WESTHILL (S44-0369)	CB1	SB11	98			23		26		
						Button	5			
		SB12	418			19		26		
						Button	5			
		SB13	303			26		26		
						Button	5			
		SB14	Use Existing			24		26		
						Button	5			
CATEGORY 0020 SUBTOTALSTOTALS			**2178**	**0**	**288**		**65**	**369**	**31**	**0**
CATEGORY 0020 TOTALS			**2547**	**31**	**288**		**65**			**0**
PROJECT TOTALS			**3436**	**62**	**2050**		**75**			**856**

TRAFFIC SIGNALS

	656.0201 ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH	657.0100 PEDESTAL BASES EACH	657.0425 TRAFFIC SIGNAL STANDARD ALUMINUM 15-FT EACH	657.0430 TRAFFIC SIGNAL STANDARD ALUMINUM 10-FT EACH	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH	658.0500 PEDESTRIAN PUSH BUTTONS EACH	659.5000.S LAMP,BALLAST,LED,S WITCH DISPOSAL BY CONTRACTOR EACH
CATEGORY 0010									
I 41 NB & STH 96 Phase 1 (S44-0309)	1	1		1			1	1	1
STH 96 & BLUEMOUND (S44-0163)		1	1		1	1	1	1	8
CATEGORY 0010 TOTALS	**1**	**2**	**1**	**1**	**1**	**1**	**2**	**2**	**9**

	656.0201 ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH	657.0100 PEDESTAL BASES EACH	657.0425 TRAFFIC SIGNAL STANDARD ALUMINUM 15-FT EACH	657.0430 TRAFFIC SIGNAL STANDARD ALUMINUM 10-FT EACH	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH	658.0500 PEDESTRIAN PUSH BUTTONS EACH	659.5000.S LAMP,BALLAST,LED,S WITCH DISPOSAL BY CONTRACTOR EACH
CATEGORY 0020									
STH 96 & LYNDALE (S44-0120)		4	1	3	1	1	5	5	1
STH 96 & PERKINS (S44-0296)		2		2			3		
STH 96 & WESTHILL (S44-0369)		4		4			4	4	1
CATEGORY 0020 TOTALS	**0**	**10**	**1**	**9**	**1**	**1**	**12**	**9**	**2**
PROJECT TOTALS	**1**	**12**	**2**	**10**	**2**	**2**	**14**	**11**	**11**

REMOVE TRAFFIC SIGNALS

	SPV.0060.21	SPV.0060.22	SPV.0060.23	SPV.0060.25
	REMOVE TRAFFIC SIGNAL			
	IH 41 NB & STH 96 PHASE 1 EACH	STH 96 & BLUEMOUND (S44-0163) EACH	STH 96 & LYNDALE (S44-0120) EACH	STH 96 & WESTHILL (S44-0369) EACH
CATEGORY 0010				
I 41 NB & STH 96 Phase 1 (S44-0309)	1			
STH 96 & BLUEMOUND (S44-0163)		1		
CATEGORY 0010 TOTALS	**1**	**1**	**0**	**0**

	SPV.0060.21	SPV.0060.22	SPV.0060.23	SPV.0060.25
	REMOVE TRAFFIC SIGNAL			
	IH 41 NB & STH 96 PHASE 1 EACH	STH 96 & BLUEMOUND (S44-0163) EACH	STH 96 & LYNDALE (S44-0120) EACH	STH 96 & WESTHILL (S44-0369) EACH
CATEGORY 0020				
STH 96 & LYNDALE (S44-0120)			1	
STH 96 & PERKINS (S44-0296)				
STH 96 & WESTHILL (S44-0369)				1
CATEGORY 0020 TOTALS	**0**	**0**	**1**	**1**
PROJECT TOTALS	**1**	**1**	**1**	**1**

3

SIGNAL MOUNTING HARDWARE

	658.5070.01	658.5070.02	658.5070.03	658.5070.04	658.5070.05
	SIGNAL MOUNTING HARDWARE				
	IH 41 NB & STH 96 PHASE 1 EACH	STH 96 & BLUEMOUND (S44-0163) EACH	STH 96 & LYNDALE (S44-0120) EACH	STH 96 & PERKINS (S44-0296) EACH	STH 96 & WESTHILL (S44-0369) EACH
CATEGORY 0010					
I 41 NB & STH 96 Phase 1 (S44-0309)	1				
STH 96 & BLUEMOUND (S44-0163)		1			
CATEGORY 0010 TOTALS	**1**	**1**	**0**	**0**	**0**

	658.5070.01	658.5070.02	658.5070.03	658.5070.04	658.5070.05
	SIGNAL MOUNTING HARDWARE				
	IH 41 NB & STH 96 PHASE 1 EACH	STH 96 & BLUEMOUND (S44-0163) EACH	STH 96 & LYNDALE (S44-0120) EACH	STH 96 & PERKINS (S44-0296) EACH	STH 96 & WESTHILL (S44-0369) EACH
CATEGORY 0020					
STH 96 & LYNDALE (S44-0120)			1		
STH 96 & PERKINS (S44-0296)				1	
STH 96 & WESTHILL (S44-0369)					1
CATEGORY 0020 TOTALS	**0**	**0**	**1**	**1**	**1**
PROJECT TOTALS	**1**	**1**	**1**	**1**	**1**

SAW CUTTING

STATION TO STATION	DIR	LOCATION	690.0150 SAW CUTTING ASPHALT LF	690.0250 * SAW CUTTING CONCRETE LF
CATEGORY 0010				
STAGE 1				
101+73 - 112+10	R/L	STH 96	0	190
112+10 - 124+20	R/L	STH 96	0	260
124+20 - 136+30	R/L	STH 96	70	380
136+30 - 148+40	R/L	STH 96	0	170
148+40 - 160+50	R/L	STH 96	0	480
160+50 - 172+60	R/L	STH 96	0	10
172+60 - 184+70	R/L	STH 96	30	130
184+70 - 196+80	R/L	STH 96	0	70
196+80 - 206+96	R/L	STH 96	0	0
UNDISTRIBUTED		STH 96	10	250
		STAGE 1 TOTALS	110	1,940
STAGE 2				
101+73 - 112+10	R/L	STH 96	0	190
112+10 - 124+20	R/L	STH 96	0	270
124+20 - 136+30	R/L	STH 96	120	220
136+30 - 148+40	R/L	STH 96	190	250
148+40 - 160+50	R/L	STH 96	0	190
160+50 - 172+60	R/L	STH 96	70	120
172+60 - 184+70	R/L	STH 96	0	330
184+70 - 196+80	R/L	STH 96	0	260
196+80 - 206+96	R/L	STH 96	40	110
UNDISTRIBUTED		STH 96	40	200
		STAGE 2 TOTALS	460	2,140
STAGE 3				
BLUEMOUND TURN LANES	R/L	STH 96	0	540
		STAGE 3 TOTALS	0	540
		CATEGORY 0010 TOTALS	570	4,620

SAW CUTTING CONT.

STATION TO STATION	DIR	LOCATION	690.0150 SAW CUTTING ASPHALT LF	690.0250 * SAW CUTTING CONCRETE LF
CATEGORY 0020				
STAGE 1				
101+73 - 112+10	R/L	STH 96	0	20
112+10 - 124+20	R/L	STH 96	0	0
124+20 - 136+30	R/L	STH 96	0	0
136+30 - 148+40	R/L	STH 96	0	10
148+40 - 160+50	R/L	STH 96	170	130
160+50 - 172+60	R/L	STH 96	220	110
172+60 - 184+70	R/L	STH 96	0	60
184+70 - 196+80	R/L	STH 96	340	130
196+80 - 206+96	R/L	STH 96	420	300
UNDISTRIBUTED		STH 96	115	80
		CATEGORY 0020 TOTALS	1,265	840
		PROJECT TOTALS	1,835	5,460

*ADDITIONAL QUANTITIES SHOWN IN CONCRETE REPAIR TABLE.

INSTALLING & MAINTAINING BIRD DETERRENT SYSTEM

LOCATION	999.2000.S.01 STA 127+10 EACH	999.2000.S.02 STA 127+75 EACH
CATEGORY 0010		
STAGE 1		
STH 96	1	1
PROJECT TOTAL	1	1

PVC PIPE

STR	TO	STR	LOCATION	608.6015 STORM SEWER PIPE COMPOSITE 15-INCH LF	SPV.0090.02 PVC PIPE 27-INCH LF	SPV.0090.03 PVC PIPE 30-INCH LF	SPV.0060.14 PVC PIPE ELBOW 45° 15-INCH LF	SPV.0060.15 PVC PIPE ELBOW 45° 30-INCH LF
CATEGORY 0020								
STAGE 1								
14	-	10	STH 96	---	---	39	---	1
10	-	11	STH 96	---	3	6	---	---
15	-	13	STH 96	8	---	---	1	---
13	-	12	STH 96	7	---	---	---	---
			PROJECT TOTAL	15	3	45	1	1

CONCRETE JOINT & CRACK CLEANING & REPAIR

STATION TO STATION	DIR	LOCATION	SPV.0090.04 CONCRETE JOINT & CRACK CLEANING & REPAIR LF	REMARKS
CATEGORY 0010				
STAGE 1				
102+03 - 179+83	EB	STH 96	860	UNDISTRIBUTED
104+02 - 179+83	WB	STH 96	830	UNDISTRIBUTED
		STAGE 1 TOTALS	1,690	
STAGE 2				
102+03 - 179+83	EB	STH 96	860	UNDISTRIBUTED
104+02 - 179+83	WB	STH 96	830	UNDISTRIBUTED
		STAGE 2 TOTALS	1,690	
		PROJECT TOTALS	3,380	

SANITARY MANHOLES

STA	DIR	LOCATION	611.8110 ADJUSTING MANHOLE COVERS EACH	SPV.0060.04 ABANDON SANITARY MANHOLE EACH	SPV.0060.05 * MANHOLE COVER RISER EACH
CATEGORY 0060					
STAGE 1					
123+06	LT	STH 96	---	1	---
124+20	LT	STH 96	---	1	---
125+77	LT	STH 96	---	1	---
128+07	LT	STH 96	---	1	---
139+92	RT	STH 96	---	---	1
153+94	RT	STH 96	---	---	1
157+22	LT	STH 96	---	---	1
160+48	LT	STH 96	---	---	1
191+09	LT	STH 96	1	---	---
194+56	LT	STH 96	1	---	---
197+97	LT	STH 96	1	---	---
201+52	LT	STH 96	1	---	---
CATEGORY 0060 STAGE 1 TOTAL			4	4	4
CATEGORY 0060					
STAGE 2					
135+12	RT	STH 96	1	---	1
138+85	RT	STH 96	1	---	1
157+20	RT	STH 96	---	---	1
161+60	RT	STH 96	1	---	1
168+80	RT	STH 96	---	---	1
204+80	LT	STH 96	1	---	---
CATEGORY 0060 STAGE 2 TOTAL			4	0	5
		PROJECT TOTALS	8	4	9

* ADDITIONAL QUANTITES SHOWN IN STORM SEWER STRUCTURE TABLE

3

STORM SEWER STRUCTURES

STA/STR	DIR	LOCATION	611.8110* ADJUSTNG MANHOLE COVERS EACH	611.8115** ADJUSTNG INLET COVERS EACH	SPV.0060.05* MANHOLE COVER RISER EACH	SPV.0060.07 INLET COVER TYPE H-S RISER EACH	SPV.0060.08 INLET COVER TYPE H RISER EACH	SPV.0060.09 INLET COVER TYPE A-S RISER EACH	SPV.0060.10 INLET COVER TYPE 19.5"X16.5" RISER EACH	SPV.0060.20 RECONDITION INLET EACH	SPV.0060.25 CONNECT UNDERDRAIN TO STORM SEWER MANHOLE EACH
CATEGORY 0010											
STAGE 1											
107+95	LT	STH 96	---	---	---	1	---	---	---	---	---
1018	LT	STH 96	---	1	---	1	---	---	---	---	---
111+25	RT	STH 96	---	1	---	1	---	---	---	---	---
114+35	LT	STH 96	---	---	1	---	---	---	---	---	---
115+00	LT	STH 96	---	---	---	1	---	---	---	---	---
1030	LT	STH 96	---	---	---	1	---	---	---	---	---
1039	LT	STH 96	---	---	---	1	---	---	---	---	---
1036	LT	STH 96	---	1	---	1	---	---	---	---	---
120+50	LT	STH 96	---	1	---	---	---	---	1	---	---
122+00	LT	STH 96	---	---	---	---	---	---	1	---	---
1050	LT	STH 96	---	---	---	1	---	---	---	---	---
1046	LT	STH 96	---	1	---	1	---	---	---	---	---
1049	LT	STH 96	---	1	---	---	1	---	---	---	---
129+50	LT	STH 96	---	---	---	---	1	---	---	---	---
134+47	LT	STH 96	---	---	---	1	---	---	---	---	---
136+95	LT	STH 96	---	1	---	1	---	---	---	---	---
1070	LT	STH 96	---	---	---	1	---	---	---	---	---
1072	LT	STH 96	---	---	---	1	---	---	---	---	---
139+90	LT	STH 96	---	1	---	1	---	---	---	---	---
1081	LT	STH 96	---	---	---	---	---	1	---	---	---
1085	LT	STH 96	---	---	---	---	---	1	---	---	---
146+18	LT	STH 96	---	---	---	1	---	---	---	---	---
1093	LT	STH 97	---	---	---	---	1	---	---	---	---
1096	LT	STH 96	---	---	---	1	---	---	---	---	---
1095	LT	STH 96	---	---	---	1	---	---	---	---	---
151+40	LT	STH 96	---	---	---	1	---	---	---	---	---
1100	LT	STH 96	---	---	---	---	1	---	---	---	---
154+40	LT	STH 96	---	---	1	---	---	---	---	---	---
1124	LT	STH 96	---	---	---	1	---	---	---	---	---
164+90	LT	STH 96	---	1	---	1	---	---	---	---	---
1145	LT	STH 96	---	1	---	1	---	---	---	---	---
177+20	LT	STH 96	---	---	---	1	---	---	---	---	---
178+25	LT	STH 96	---	---	---	1	---	---	---	---	---
STAGE 1 TOTAL			0	10	2	23	4	2	2	0	0

3

STORM SEWER STRUCTURES CONT.

STA/STR	DIR	LOCATION	611.8110* ADJUSTNG MANHOLE COVERS EACH	611.8115** ADJUSTNG INLET COVERS EACH	SPV.0060.05* MANHOLE COVER RISER EACH	SPV.0060.07 INLET COVER TYPE H-S RISER EACH	SPV.0060.08 INLET COVER TYPE H RISER EACH	SPV.0060.09 INLET COVER TYPE A-S RISER EACH	SPV.0060.10 INLET COVER TYPE 19.5"X16.5" RISER EACH	SPV.0060.20 RECONDITION INLET EACH	SPV.0060.25 CONNECT UNDERDRAIN TO STORM SEWER MANHOLE EACH
CATEGORY 0010											
STAGE 2											
107+95	RT	STH 96	---	---	---	1	---	---	---	---	---
112+50	RT	STH 96	---	---	---	---	1	---	---	---	---
114+25	RT	STH 96	---	---	---	---	1	---	---	---	---
114+25	RT	STH 96	---	---	---	---	1	---	---	---	---
115+00	RT	STH 96	---	---	---	1	---	---	---	---	---
1031	RT	STH 96	---	---	---	1	---	---	---	---	---
1038	RT	STH 96	---	---	---	1	---	---	---	---	---
118+50	RT	STH 96	---	---	---	1	---	---	---	---	---
1042	RT	STH 96	---	---	---	1	---	---	---	---	---
122+00	RT	STH 96	---	---	---	---	1	---	---	---	---
1053	RT	STH 96	---	1	---	1	---	---	---	---	---
1047	RT	STH 96	1	---	1	---	---	---	---	---	---
1048	RT	STH 96	---	1	---	1	---	---	---	---	---
129+55	RT	STH 96	---	---	---	1	---	---	---	---	---
400.1	RT	STH 96	1	---	1	---	---	---	---	---	---
134+45	RT	STH 96	---	---	1	---	---	---	---	---	---
134+45	RT	STH 96	---	---	---	1	---	---	---	---	---
136+95	RT	STH 96	---	---	1	---	---	---	---	---	---
136+95	RT	STH 96	---	---	---	1	---	---	---	---	---
139+42	RT	STH 96	1	---	1	---	---	---	---	---	---
139+47	RT	STH 96	1	---	1	---	---	---	---	---	---
1071	RT	STH 96	---	---	---	---	1	---	---	---	---
1074	RT	STH 96	---	---	1	---	---	---	---	---	---
1077	RT	STH 96	---	---	---	1	---	---	---	---	---
1082A	RT	STH 96	---	---	1	---	---	---	---	---	---
1079	RT	STH 96	---	1	---	---	---	1	---	---	---
141+90	RT	STH 96	---	---	---	---	---	1	---	---	---
1084	RT	STH 96	---	---	---	---	1	---	---	---	---
1086	RT	STH 96	---	1	---	---	---	1	---	---	---
146+18	RT	STH 96	---	1	---	1	---	---	---	---	---
1094	RT	STH 96	---	1	---	1	---	---	---	---	---
148+40	RT	STH 96	---	1	1	---	---	---	---	---	---
148+40	RT	STH 96	---	---	---	---	1	---	---	---	---
		SHEET TOTAL	4	7	9	14	7	3	0	0	0

STORM SEWER STRUCTURES CONT.

STA/STR	DIR	LOCATION	611.8110* ADJUSTNG MANHOLE COVERS EACH	611.8115** ADJUSTNG INLET COVERS EACH	SPV.0060.05 * MANHOLE COVER RISER EACH	SPV.0060.07 INLET COVER TYPE H-S RISER EACH	SPV.0060.08 INLET COVER TYPE H RISER EACH	SPV.0060.09 INLET COVER TYPE A-S RISER EACH	SPV.0060.10 INLET COVER TYPE 19.5"X16.5" RISER EACH	SPV.0060.20 RECONDITION INLET EACH
CATEGORY 0010										
STAGE 2										
151+40	RT	STH 96	---	---	---	1	---	---	---	---
1101	RT	STH 96	1	---	1	---	---	---	---	---
1121	RT	STH 96	---	---	1	---	---	---	---	---
1123	RT	STH 96	1	---	1	---	---	---	---	---
158+35	RT	STH 96	---	---	---	1	---	---	---	---
159+95	RT	STH 96	1	---	1	---	---	---	---	---
164+90	RT	STH 96	1	---	1	---	---	---	---	---
166+35	RT	STH 96	---	---	---	---	---	---	---	1
1132	RT	STH 96	---	---	---	---	1	---	---	---
170+00	RT	STH 96	---	---	1	---	---	---	---	---
172+95	RT	STH 96	---	---	---	1	---	---	---	---
1140	RT	STH 96	1	---	1	---	---	---	---	---
1141	RT	STH 96	---	---	---	1	---	---	---	---
1144	RT	STH 96	---	---	1	---	---	---	---	---
1143	RT	STH 96	---	1	---	1	---	---	---	---
177+20	RT	STH 96	---	---	1	---	---	---	---	---
178+20	RT	STH 96	---	---	1	---	---	---	---	---
178+35	RT	STH 96	---	---	---	---	---	1	---	---
206+09	RT	STH 96	---	---	---	---	---	---	---	---
206+44	RT	STH 96	---	---	---	---	---	---	---	---
SHEET TOTAL			5	1	10	5	1	1	0	1
STAGE 2 TOTAL			9	8	19	19	8	4	0	1
CATEGORY 0010										
STAGE 3										
1109	RT	STH 96	1	---	1	---	---	---	---	---
139	RT	STH 96	---	1	---	1	---	---	---	---
STAGE 3 TOTALS			1	1	1	1	0	0	0	0
CATEGORY 0010 TOTALS			10	19	22	43	12	6	2	1
CATEGORY 0020										
STAGE 1										
100	LT	STH 96	---	1	---	1	---	---	---	---
CATEGORY 0020 TOTALS			0	1	0	1	0	0	0	0
PROJECT TOTALS			10	20	22	44	12	6	2	1

* ADDITIONAL QUANTITIES SHOWN IN SANITARY MANHOLE TABLE

** ADDITIONAL QUANTITIES SHOWN IN SANITARY STORM SEWER TABLE

WATER VALVES

STA	DIR	LOCATION	SPV.0060.06 WATER VALVE COVER RISER EACH	SPV.0060.11 ADJUSTING WATER VALVES EACH
CATEGORY 0060				
STAGE 1				
121+03	LT	STH 96	---	1
POPP LN	LT	STH 96	2	---
161+90	LT	STH 96	---	1
181+60	LT	STH 96	1	---
184+35	LT	STH 96	---	2
187+50	LT	STH 96	1	---
192+90	LT	STH 96	1	---
193+50	LT	STH 96	---	2
205+15	LT	STH 96	1	---
205+25	LT	STH 96	---	2
STAGE 1 TOTAL			6	8
CATEGORY 0060				
STAGE 2				
134+40	RT	STH 96	1	---
STAGE 2 TOTAL			1	0
PROJECT TOTALS			7	8

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 NEW	EXISTING	TOTAL	TLE SQFT
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	812058.942
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 (S88° 29' 50"W)	781.06' (781.16')
101-102	N01° 30' 08"W (S01° 30' 10E")	25.00' (25.00')
102-103	N88° 29' 52"E (S88° 29' 50"W)	141.18' (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 (N82° 48' 50"E)	14.61' (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

200 WE ENERGIES (ELEC) DOC 2274699 - PARCEL 1 DOC 890676 - PARCELS 3, 40

201 WE ENERGIES(GAS) NO RECORDED EASEMENT - PARCEL 2

203 GRAND CHUTE (WATER) NO RECORDED EASEMENT - PARCELS 2, 3, 40

204 AT&T WI NO RECORDED EASEMENT - PARCELS 3, 40

Document #: **2278814**
Date: **09-13-2022** Time: **11:13 AM**
Pages: **2** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**
Return to:
WisDOT - NE Region - Green Bay - PO#39500-000002

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4075-40-21 - 4.01
SHEET 1 OF 2

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

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

251

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 :

4075-40-21 4.01

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 (18, 23, 24, 26, 25, 31)
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 (SIGN)
OFF-PREMISE SIGN (41-25 SIGN)

	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

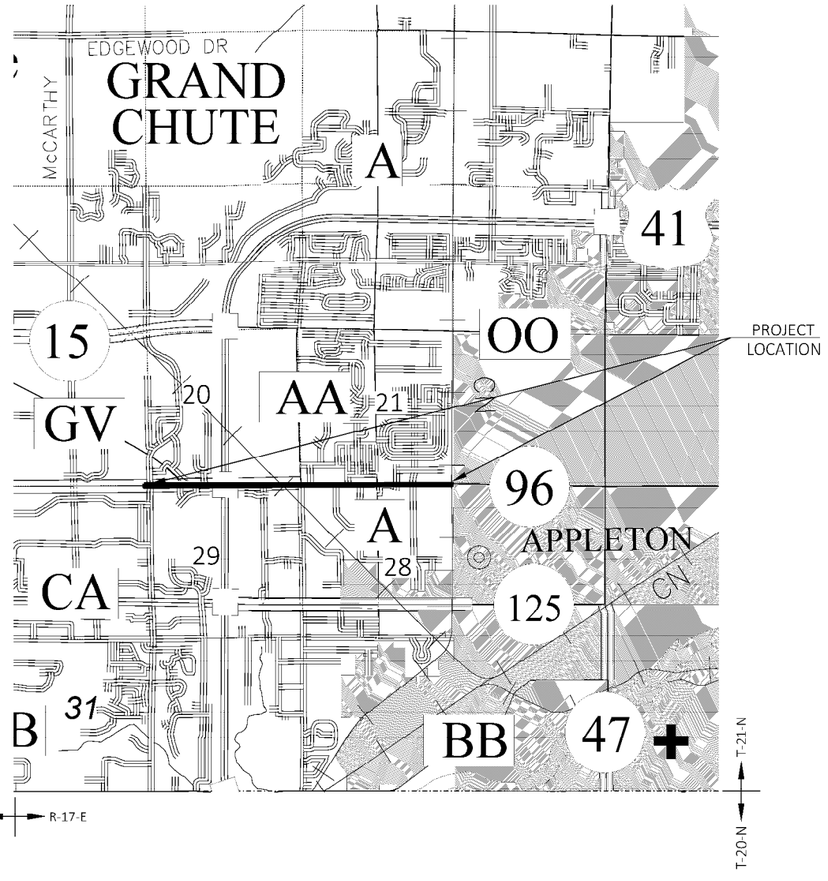
CONVENTIONAL ABBREVIATIONS

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

GN



LAYOUT SCALE 0 0.5 MI.

CONVENTIONAL UTILITY SYMBOLS

W	WATER
G	GAS
T	TELEPHONE
OH	OVERHEAD TRANSMISSION LINES
E	ELECTRIC
TV	CABLE TELEVISION
FO	FIBER OPTIC
SAN	SANITARY SEWER
SS	STORM SEWER

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 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: 252

FILE NAME : X:\PROJECTS\OUTAGAMIE\210034 STH 96 CASLOMA TO BADGER TPPS\DESIGN\C3D\RW\DWG\040101-TI.DWG
LAYOUT NAME: TPP Title 34x22
PLOT DATE : 9/16/2015 3:04 PM PLOT BY : JAMES CAPPEART PLOT NAME : TITLE SHEET

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.

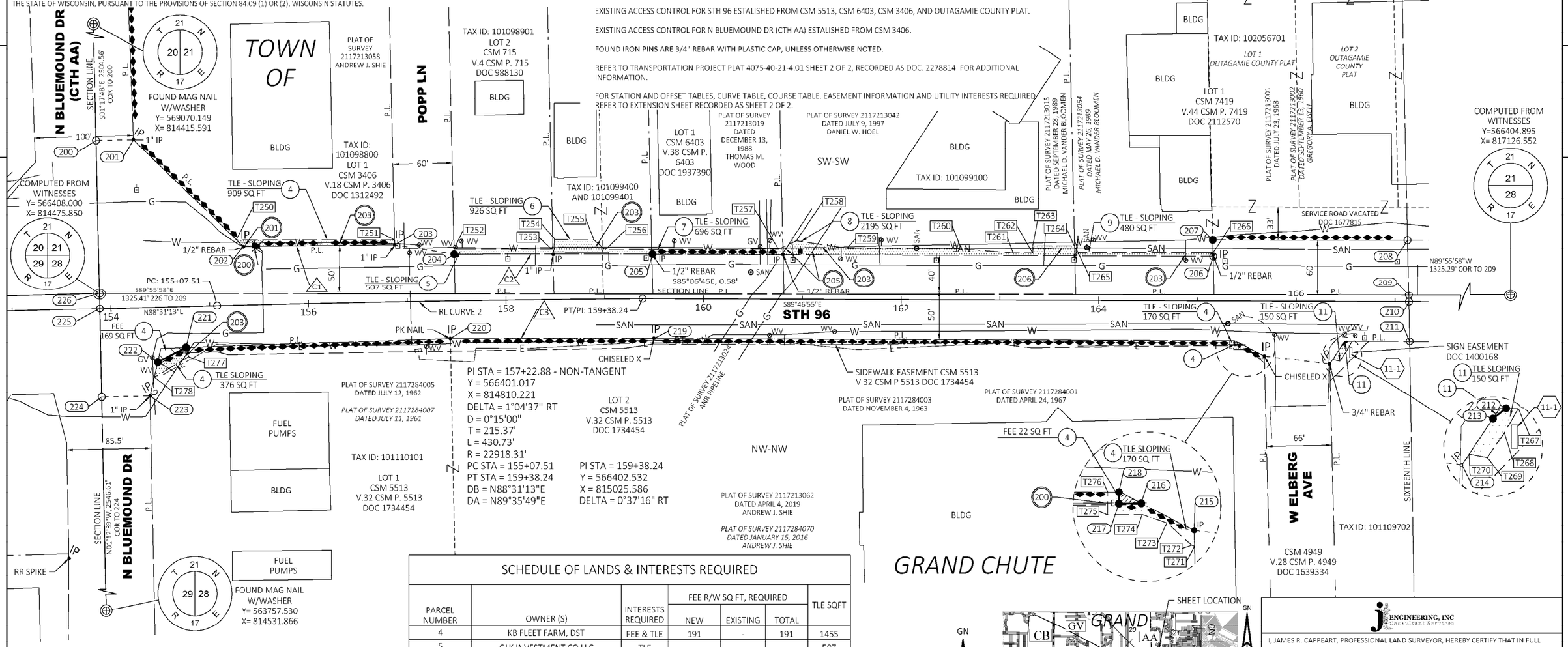
EXISTING ACCESS CONTROL FOR STH 96 ESTALISHED FROM CSM 5513, CSM 6403, CSM 3406, AND OUTAGAMIE COUNTY PLAT.

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			TLE SQFT
			NEW	EXISTING	TOTAL	
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

SCHEDULE OF SIGN STRUCTURES		
SIGN NUMBER	SIGN OWNER	OASIS NUMBER
11-1	DAVES SMALL ENGINE, LLC & DAVID R DORCHNER & DIANNE DORSCHNER VATLAND RE I LLC	-

Document #: **2279871**
Date: **09-27-2022** Time: **3:08 PM**
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 - 4.02
SHEET 1 OF 2

J ENGINEERING, INC

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.

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 253

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

FILE NAME : X:\PROJECTS\OUTAGAMIE\210034 STH 96 CASLOMA TO BADGER TPPS\DESIGN\C3D\RW\DWG\040101-RP.DWG PLOT DATE : 9/27/2022 1:34 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE :

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.

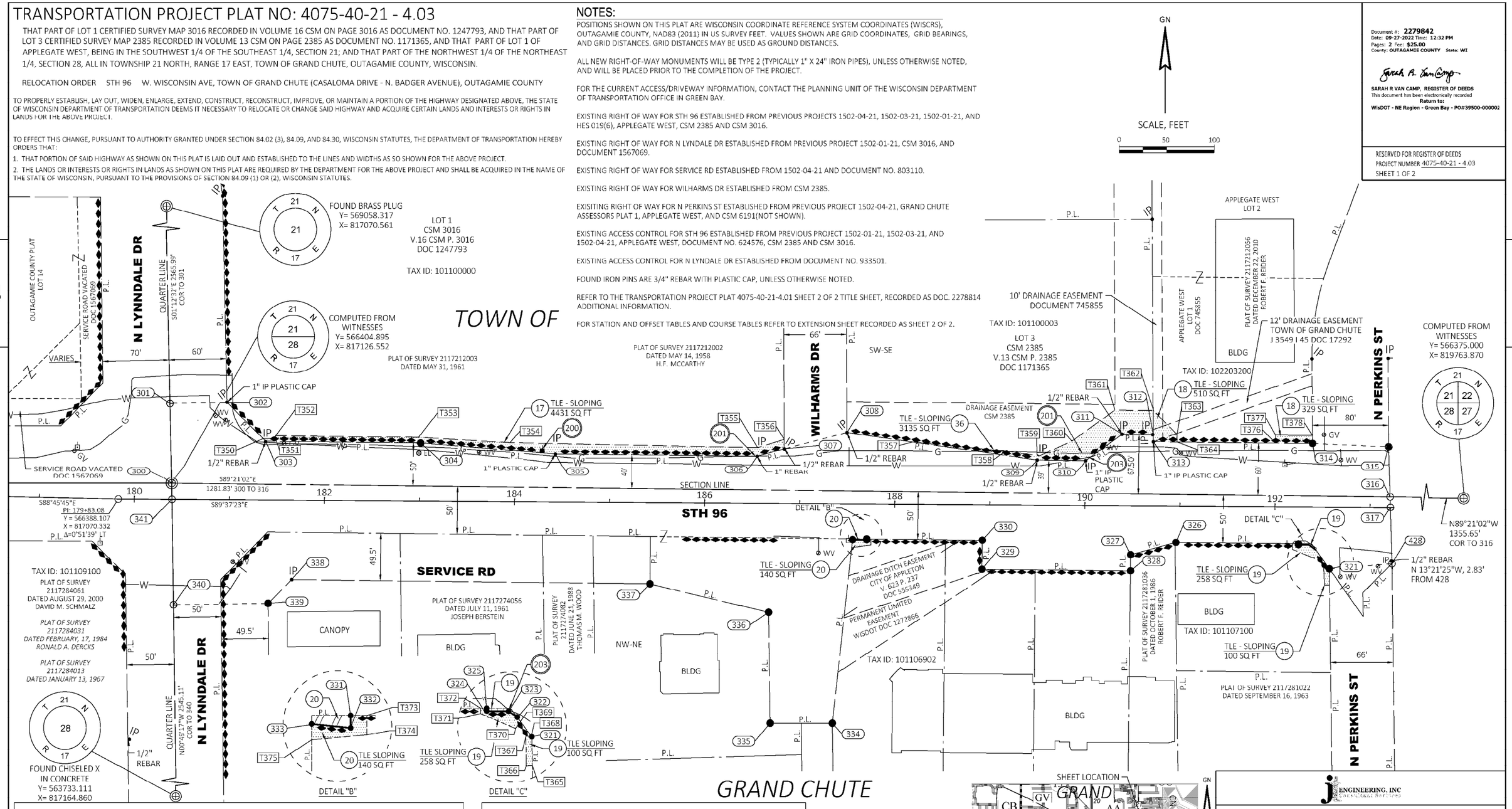
REFER TO THE TRANSPORTATION PROJECT PLAT 4075-40-21-4.01 SHEET 2 OF 2 TITLE SHEET, RECORDED AS DOC. 2278814 ADDITIONAL INFORMATION.

FOR STATION AND OFFSET TABLES AND COURSE TABLES REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

Document #: 2279842
Date: 09-27-2022 Time: 12:32 PM
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 - 4.03
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

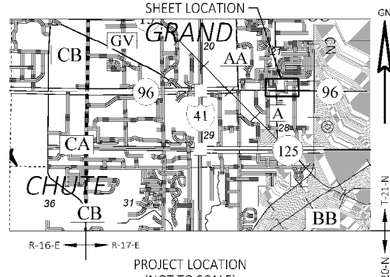
UTILITY NUMBER	OWNER(S)	INTERESTS REQUIRED
200	WE ENERGIES (ELEC)	RELEASE OF RIGHTS
201	WE ENERGIES (GAS)	RELEASE OF RIGHTS
203	GRAND CHUTE (WATER)	RELEASE OF RIGHTS
206	GRAND CHUTE (SAN)	RELEASE OF RIGHTS

200 WE ENERGIES (ELECTRIC)
DOC 1253944 - PARCEL 17

201 WE ENERGIES (GAS)
DOC 1253944 - PARCEL 17
NO RECORDED EASEMENT- PARCEL 36

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

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.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: DATE: 9/26/2022
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: 09-26-2022
PRINT NAME: ALAN ROMMEL 255

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.

4

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

FILE NAME : X:\PROJECTS\OUTAGAMIE\210034 STH 96 CASLOMA TO BADGER TPPS\DESIGN\C3D\RW\DWG\040101-RP.DWG PLOT DATE : 9/22/2022 4:34 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE :

TRANSPORTATION PROJECT PLAT NO: 4075-40-21 - 4.04 AMENDMENT NO. 2

AMENDS UTILITY NUMBERS 200 AND 202 AND ADDS PARCEL 29 TO TRANSPORTATION PROJECT PLAT 4075-40-21 - 4.04, RECORDED AS DOCUMENT 2279872.

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, AND THAT PART OF LOT 1 CERTIFIED SURVEY MAP 5559 RECORDED IN VOLUME 32 CSM ON PAGE 5559 AS DOCUMENT NO. 1742378, BEING IN THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4, SECTION 22, TOWNSHIP 21 NORTH, RANGE 17 EAST, CITY OF APPLETON, ALL IN 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, CSM 5559, 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.

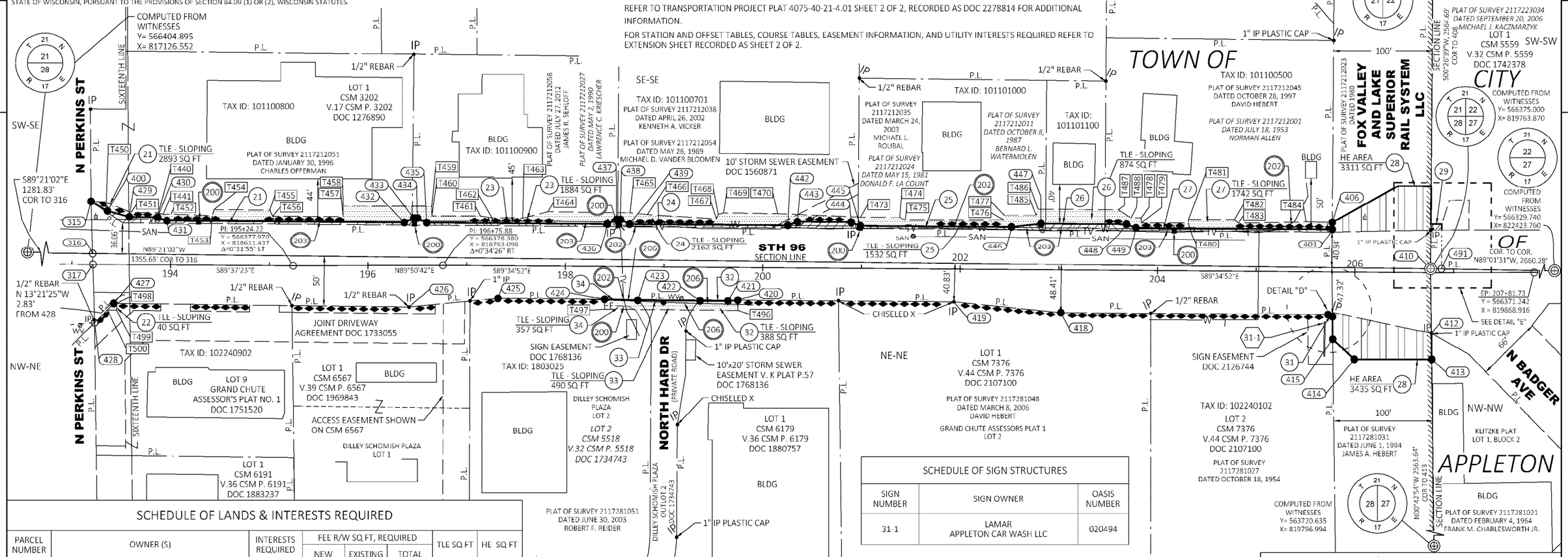
EXISTING RIGHT OF WAY FOR N BADGER AVE ESTABLISHED FROM KLITZKE PLAT AND PLAT OF SURVEY 2117281021.

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.

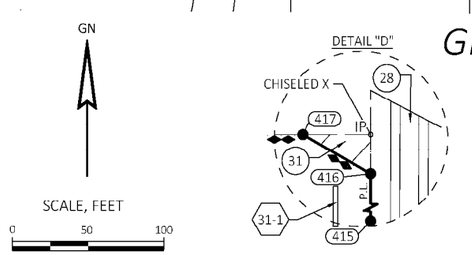


SCHEDULE OF LANDS & INTERESTS REQUIRED

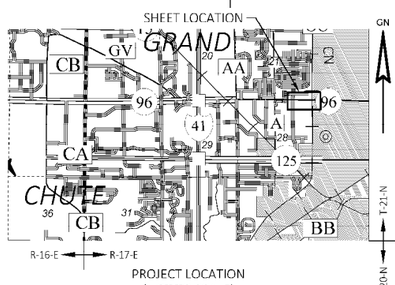
PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	FEE R/W SQ FT, REQUIRED			TLE SQ FT	HE SQ FT
			NEW	EXISTING	TOTAL		
21	DOERFLER, LLC	FEE & TLE	990	-	990	2893	-
22	2191 WISCONSIN LLC	TLE	-	-	-	40	-
23	NATIONAL SALES INC.	FEE & TLE	608	-	608	1884	-
24	LNS PROPERTIES LLC	FEE & TLE	895	-	895	2162	-
25	DENNIS E. ELLISEN AND JEFFREY T. DAY	FEE & TLE	566	-	566	1532	-
26	WILLIAM D. SHEW	FEE & TLE	368	-	368	874	-
27	CENTURY INVESTMENTS LLC	FEE & TLE	706	-	706	1742	-
28	FOX VALLEY AND LAKE SUPERIOR RAIL SYSTEM LLC	HE	-	-	-	-	6746
29	AGREE APPLETON WI LLC	HE	-	-	-	-	66
31	APPLETON CAR WASH, LLC LAMAR	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	LAMAR 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



PROJECT LOCATION
(NOT TO SCALE)

Document #: **2326689**
Date: **11-20-2024** Time: **8:41 AM**
Pages: **2** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**
Return to:
WisDOT - NE Region - Green Bay - PO#39500-000003

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4075-40-21 - 4.04
AMENDMENT NO: 2 SHEET 1 OF 2

JENGINEERING, INC
CIVIL ENGINEERING SOLUTIONS

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 AMENDMENT NO. 2 AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: James Cappeart DATE: 11/18/2024
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: 11/18/2024
PRINT NAME: TREVIN PETERS 257

FILE NAME : X:\PROJECTS\OUTAGAMIE\210034 STH 96 CASLOMA TO BADGER TPPS\DESIGN\C3D\RW\DWG\040101-RPA2.DWG
APPRAISAL PLAT DATE : 11/18/2024
PLOT DATE : 11/18/2024 11:38 AM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE :

TRANSPORTATION PROJECT PLAT NO: 4075-40-21 - 4.04 AMENDMENT NO. 2
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.

4

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' RT	566379.304	818408.609
400	193+35.62	58.94' LT	566438.146	818423.229
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+77.15	53.88' LT	566424.960	819764.257
410	206+76.69	3.92' LT	566375.000	819763.870
411	206+76.73	0.00' RT	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
429	193+57.97	53.10' LT	566432.160	818445.537
430	193+86.44	52.98' LT	566431.859	818474.011
431	193+95.85	49.47' LT	566428.284	818483.394
432	196+36.93	48.27' LT	566426.544	818724.021
433	196+46.54	52.70' LT	566430.998	818733.610
434	196+50.26	52.66' LT	566430.968	818737.336

R/W POINT TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
435	196+59.63	48.04' LT	566426.379	818746.716
436	198+42.09	47.91' LT	566425.077	818929.653
437	198+51.58	52.41' LT	566429.502	818939.178
438	198+55.31	52.40' LT	566429.472	818942.904
439	198+64.70	47.89' LT	566424.892	818952.265
442	200+24.95	47.91' LT	566423.733	819112.502
443	200+34.70	51.55' LT	566427.304	819122.286
444	200+89.09	51.49' LT	566426.846	819176.670
445	200+98.50	47.91' LT	566423.201	819186.059
446	202+51.66	47.92' LT	566422.093	819339.213
447	202+81.54	51.38' LT	566425.331	819369.111
448	203+68.14	51.51' LT	566424.826	819455.715
449	203+77.76	47.93' LT	566421.180	819465.313
489	206+88.15	53.88' LT	566424.980	819775.257
490	206+88.09	47.89' LT	566418.988	819775.211
491	206+87.69	3.71' LT	566374.813	819774.872

COURSE TABLE		
COURSE	BEARING	DISTANCE
316-315	N01° 35' 12"W	57.46'
315-400	S59° 40' 28"E	19.14'
400-429	S74° 58' 44"E	23.10'
429-430	S89° 23' 38"E	28.48'
430-431	S69° 08' 47"E	10.04'
431-432	S89° 35' 08"E	240.63'
432-433	N65° 04' 58"E	10.57'
433-434	S89° 32' 02"E	3.73'
434-435	S63° 55' 55"E	10.44'
435-436	S89° 35' 32"E	182.94'
436-437	N65° 04' 58"E	10.50'
437-438	S89° 32' 02"E	3.73'
438-439	S63° 55' 55"E	10.42'
439-442	S89° 35' 08"E	160.24'
442-443	N69° 56' 44"E	10.42'
443-444	S89° 31' 01"E	54.39'
444-445	S68° 46' 55"E	10.07'
445-446	S89° 35' 08"E	153.16'
446-447	N83° 49' 05"E	30.07'
447-448	S89° 39' 57"E	86.61'
448-449	S69° 12' 06"E	10.27'
449-401	S89° 35' 08"E	198.91'
401-406	N00° 24' 23"E	6.78'
406-407	N61° 05' 15"E	76.08'
407-408	S89° 39' 00"E	33.69'

COURSE TABLE		
COURSE	BEARING	DISTANCE
408-409	S00° 26' 39"W	38.14'
409-489	N89° 53' 36"E	11.00'
489-490	S00° 26' 21"W	5.99'
490-491	S00° 26' 21"W	44.18'
491-410	N89° 01' 31"W	11.00'
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'
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'

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T440	193+87.26	57.48' LT
T441	193+92.04	55.70' LT
T450	193+34.46	67.65' LT
T451	193+59.69	57.59' 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+75.01	54.18' LT
T458	195+75.14	65.23' LT
T459	196+64.92	64.78' LT
T460	196+64.94	54.91' LT
T461	197+13.58	55.00' LT
T462	197+25.40	53.15' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T463	197+56.46	53.07' LT
T464	197+81.86	59.78' LT
T465	198+65.16	59.28' 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
T470	200+14.78	59.45' LT
T473	200+98.67	56.60' LT
T474	201+38.45	56.60' LT
T475	201+43.98	53.86' LT
T476	202+44.08	54.74' LT
T477	202+44.04	59.70' LT
T478	203+82.98	57.84' LT
T479	203+83.02	52.86' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
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
T485	202+76.57	59.97' LT
T486	202+78.60	65.98' LT
T487	203+59.77	66.00' LT
T488	203+72.75	57.75' 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

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
DOC 1248591 & 1791326 - PARCEL 29

(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
NO RECORDED EASEMENT - PARCEL 26

(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

PROJECT NUMBER 4075-40-21 - 4.04 AMEND NO 2
SHEET 2 OF 2

FILE NAME : X:\PROJECTS\OUTAGAMIE\210034 STH 96 CASLOMA TO BADGER TPPS\DESIGN\C3D\RW\DWG\040101-RPA2.DWG PLOT DATE : 11/18/2024 11:38 AM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE :

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

FO

W

FO

W

FO

W

FO

W

SAN

POST

W

10.00'

10.00'

S

N

100.39'

17.61'

3.83'

3.83'

39-1

39

TLE - SLOPING
89 SQ. FT.

22.64'

206

202

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.

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

NW-NW

P.L.

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
204	AT & T WISCONSIN	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
10/18/2022

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

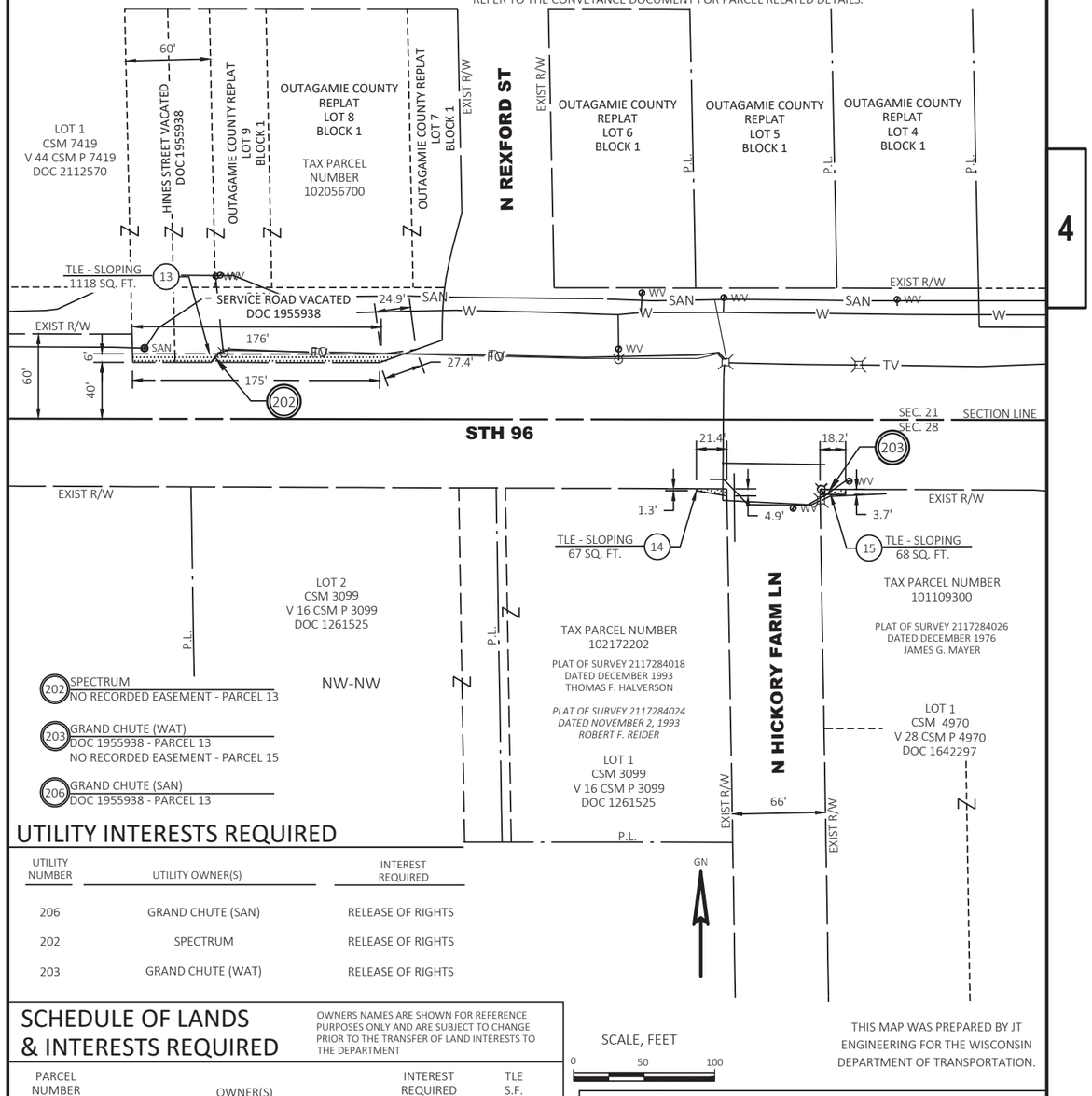
***THAT PART OF OT 1 OF CERTIFIED SURVEY MAP 7419 RECORDED IN VOLUME 44 CSM ON PAGE 7419 AS DOCUMENT NO. 2112570 AND THAT PART OF VACATED SERVICE ROAD BEING IN PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 21, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 3099 RECORDED IN VOLUME 16 CSM ON 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

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
NC 10/18/2022

PRINT NAME: JON.L HERBEL

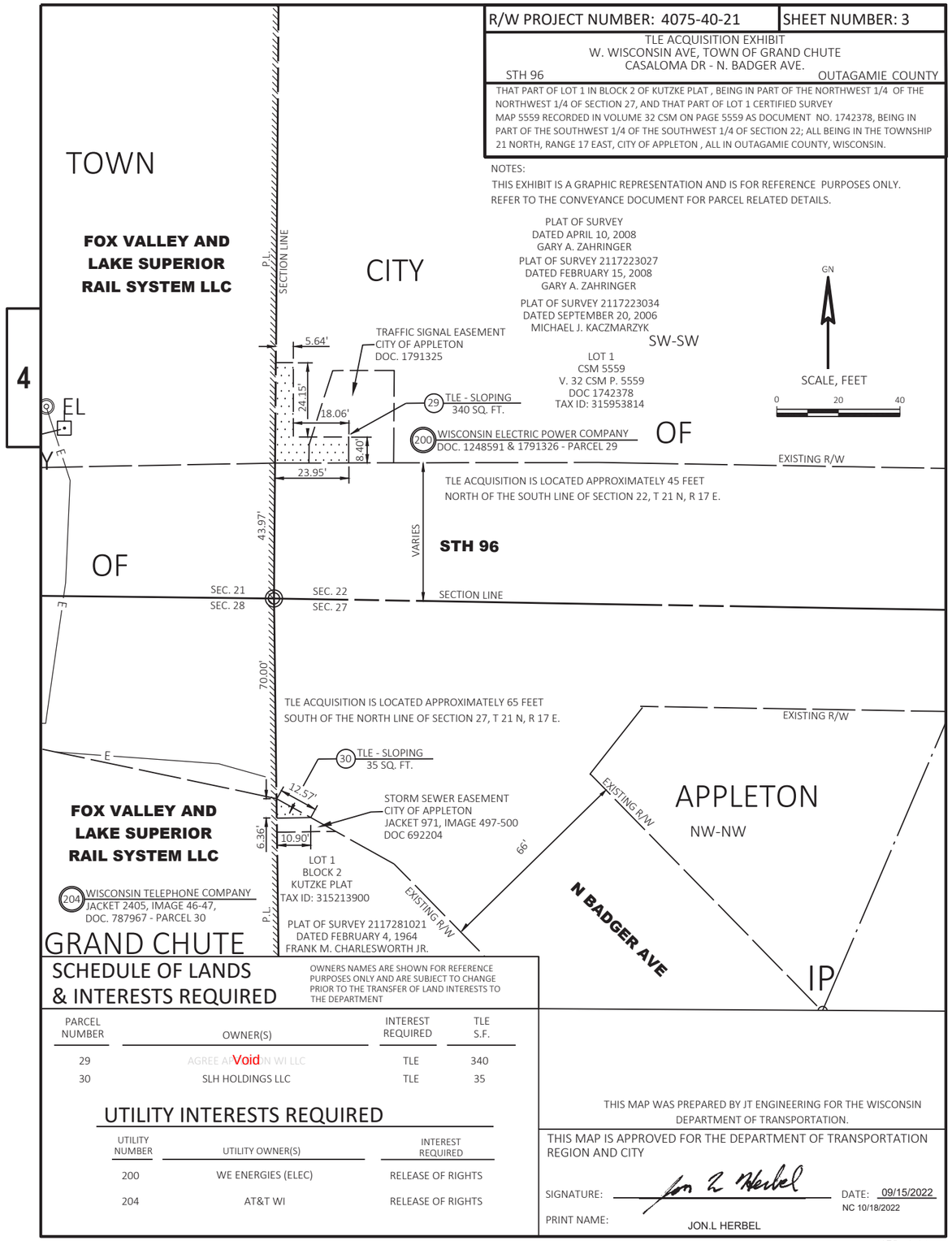
FILE NAME : TLE EXHIBIT 1.DWG PLOT DATE : 8/26/2022 1:28 PM R/W PROJECT: 4075-40-21

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 AP[illegible]N WI LLC Void	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
NC 10/18/2022
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
1050	102+93.65	784.38	RR SPIKE IN POWER POLE 01-10821
1051	109+43.70	783.38	RR SPIKE IN POWER POLE 01-10824

LEGEND

- BASE PATCHING CONCRETE SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- .XXXXXXXX. SAWCUT

N

MATCH LINE STA 106+05

WETLAND BOUNDARY

TRANSITION OVERLAY TO MATCH EXISTING OVER 20 FEET

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

CONCRETE CURB & GUTTER 30-INCH TYPE A

BUTT JOINT REQUIRED

N. CASALOMA DR

STH 96

PI: 102+02.69

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

101+00 | 102+00 | 103+00 | 104+00 | 105+00 | 106+00

N89°17'34"E

N88°50'44"E

R/L STH 96

BUTT JOINT REQUIRED

TRANSITION OVERLAY TO MATCH EXISTING OVER 20 FEET

SB12

SLOPE INTERCEPT (TYP.)

WETLAND BOUNDARY

+89.41
55.27' RT

+29.98
50.34' RT

+52.41
43.22' RT

+00.35
37.36' RT

BM 1050

5

5

WETLAND BOUNDARY

CTH GV

BUTT JOINT REQUIRED

TRANSITION CURB PAN OVERLAY OVER 10 FEET AT MIDDLE OF TAPER

22.2'

5.4'

STH 96

PI: 108+59.01

TRANSITION OVERLAY OVER 10 FEET

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

CONCRETE MEDIAN SLOPED NOSE TYPE 1

TRANSITION CURB PAN OVERLAY OVER 10 FEET AT MIDDLE OF TAPER

INLET COVER TYPE H-S RISER REQUIRED

R/L STH 96

107+00 | 108+00 | 109+00 | 110+00 | 111+00 | 112+00

N88°50'44"E

N88°25'19"E

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

INLET COVER TYPE H-S RISER REQUIRED

+34.43
36.13' RT

+60.74
36.59' RT

WETLAND BOUNDARY

SLOPE INTERCEPT (TYP.)

+87.84
46.98' RT

+11.12
48.40' RT

MILL 1¾" DEPTH

+74.49
48.90' RT

BM 1051

FOX RIVER MALL

TLE

EXIST R/W

TLE

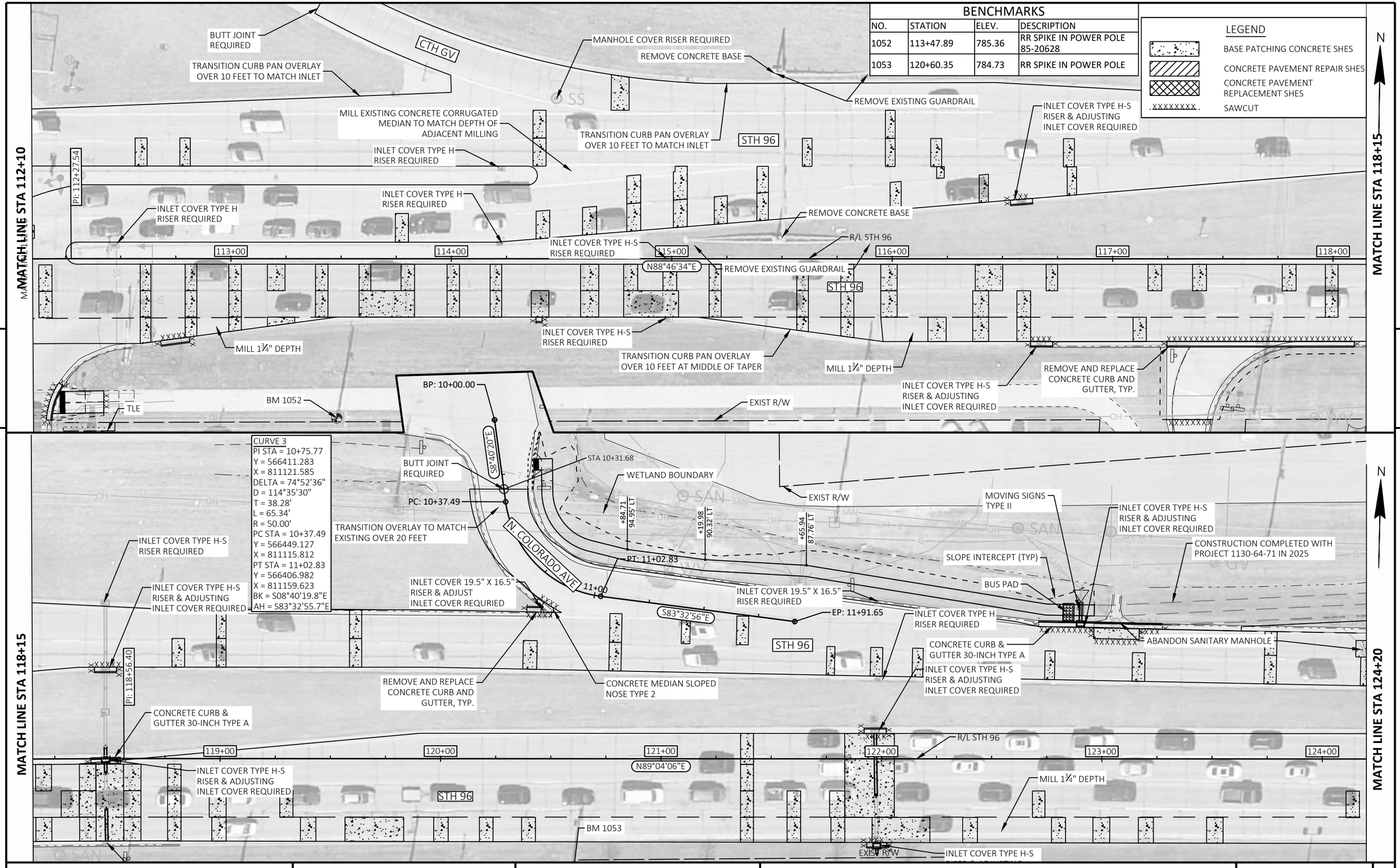
MATCH LINE STA 112+10

N

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 262	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050201-pn

PLOT DATE : 12/19/2024 1:08 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT



PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 263	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050202-pn
PLOT DATE : 10/21/2024 9:34 AM
PLOT BY : COREY RAYFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENCHMARKS

NO.	STATION	ELEV.	DESCRIPTION
1005	126+67.80	780.32	BOLT
1054	130+12.97	782.64	RR SPIKE IN POWER POLE 1300 76
1055	134+45.55	781.37	LIGHT POLE BASE NW CORNER ARBY'S PARKING LOT

MATCH LINE STA 124+20

MATCH LINE STA 130+25

MATCH LINE STA 130+25

MATCH LINE STA 136+30

CONSTRUCTION COMPLETED WITH PROJECT 1130-64-71 IN 2025

TRANSITION CURB PAN OVERLAY OVER 10 FEET AT RADIUS POINT

TRANSITION OVERLAY TO MATCH EXISTING OVER 10 FEET

WETLAND BOUNDARY

BUTT JOINT REQUIRED

BP: 0+00.00

8.0'

PI: 125+07.90

STH 96

ABANDON SANITARY MANHOLE

INLET COVER TYPE H-S RISER REQUIRED

MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED

CONCRETE CURB & GUTTER 30 INCH TYPE A

CONCRETE MEDIAN SLOPED NOSE

INLET COVER TYPE H RISER & ADJUST INLET COVER REQUIRED

B-44-0157

B-44-0158

CONCRETE SIDEWALK 4-INCH

CONCRETE CURB & GUTTER 30 INCH TYPE A

ABANDON SANITAR MANHOLE

BUTT JOINT REQUIRED

CONCRETE SIDEWALK 4-INCH

TRANSITION CURB PAN OVERLAY OVER 10 FEET

TRANSITION OVERLAY TO MATCH EXISTING OVER 10 FEET

WETLAND BOUNDARY

CONSTRUCTION COMPLETED WITH PROJECT 1130-64-71 IN 2026

BP: 1535+82.80

1536+00

MANHOLE COVER RISER ADJUST MANHOLE COVER REQUIRED

INLET COVER TYPE H-S RISER REQUIRED

INLET COVER TYPE H RISER REQUIRED

REMOVE & REPLACE EXISTING SIDEWALK

EP: 37+45.11

7.5'

MILL 1¾" DEPTH

MILL 2½ " DEPTH

REMOVING FENCE CHAIN LINK 5-FT

WETLAND BOUNDARY

BM 1054

37+00

125+00

126+00

127+00

128+00

129+00

130+00

N89°04'06"E

S89°46'57"E

R/L STH 96

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

CONCRETE SIDEWALK 4-INCH

CONCRETE CURB & GUTTER 30 INCH TYPE A

MILL 1¾" DEPTH

EP: 9+48.96

9.0'

BM 1005

EXIST R/W

MILL 2½ " DEPTH

CONCRETE BASE 8 1/2-INCH WITH 2 1/2" HMA PAVEMENT OVERLAY

CONCRETE SIDEWALK 4-INCH

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

WETLAND BOUNDARY

IH 41 SB

IH 41 NB

9+00

CONSTRUCTION COMPLETED WITH PROJECT 1130-64-71 IN 2026

TLE

EXIST R/W

+64.49 80.79' LT

SLOPE INTERCEPT (TYP)

+00.22 81.00' LT

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

LEGEND
- BASE PATCHING CONCRETE SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- .XXXXXXXX. SAWCUT

BUTT JOINT REQUIRED

REMOVE & REPLACE EXISTING SIDEWALK

MILL 1¾" DEPTH

INLET COVER TYPE H-S RISER REQUIRED

STH 96

PC: 132+34.86

PT: 132+94.12

MILL 1¾" DEPTH

131+00

132+00

133+00

134+00

135+00

136+00

S89°46'57"E

N88°31'13"E

R/L STH 96

CURVE 1

INLET COVER TYPE H-S RISER REQUIRED

MANHOLE COVER RISER REQUIRED

MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED

REMOVE & REPLACE EXISTING SIDEWALK

EXIST R/W

TRANSITION CURB PAN OVERLAY OVER 10 FEET AT MIDDLE OF TAPER

MILL 1¾" DEPTH

BUS PAD

PROP R/W

TLE

W. WHEELER RD

BM 1055

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 264 E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050203-pn

PLOT DATE : 11/13/2024 2:30 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1008	141+25.03	771.75	SOUTH BOLT 440211
1056	140+25.31	771.69	RR SPIKE IN POWER POLE 18-3494

LEGEND

- BASE PATCHING CONCRETE SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- .XXXXXXXX. SAWCUT

MATCH LINE STA 136+30

MATCH LINE STA 142+35

MATCH LINE STA 142+35

MATCH LINE STA 148+40

5

5

N

BM 1056

BM 1008

TRANSITION CURB PAN OVERLAY OVER 20 FEET AT MIDDLE OF TAPER

SIDEWALK & BUS PAD

EXIST R/W

INLET COVER TYPE H-S RISER REQUIRED

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

STH 96

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

MANHOLE COVER RISER REQUIRED

INLET COVER TYPE A-S RISER REQUIRED

INLET COVER TYPE A-S RISER REQUIRED

137+00

138+00

139+00

140+00

141+00

142+00

R/L

N88°31'13"E

INLET COVER TYPE H-S RISER & ADJUST INLET COVER REQUIRED

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

MANHOLE COVER RISER REQUIRED

STH 96

MANHOLE COVER RISER ADJUSTING MANHOLE COVER

MANHOLE COVER RISER

MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED

N. WESTHILL BLVD

MANHOLE COVER RISER REQUIRED

MILL 1¾" DEPTH

EXIST R/W

BUTT JOINT REQUIRED

INLET COVER TYPE A-S RISER & ADJUST INLET COVER REQUIRED

REMOVE & REPLACE EXISTING SIDEWALK

EXIST R/W

CONCRETE SIDEWALK 4-INCH

STA 146+10 LIMITS OF 2½ " DEPTH SURFACE MILLING

STA 146+80 LIMITS OF 2½ " DEPTH SURFACE MILLING

CN RAILROAD

INLET COVER TYPE H-S RISER REQUIRED

TRANSITION CURB PAN OVERLAY OVER 10 FEET AT MIDDLE OF TAPER

INLET COVER TYPE H-S RISER REQUIRED

STH 96

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

CONCRETE CURB & GUTTER 18-INCH TYPE A

R/L STH 96

143+00

144+00

145+00

146+00

147+00

148+00

N88°31'13"E

ADJUST MANHOLE COVER

STH 96

REMOVE & REPLACE EXISTING SIDEWALK

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

INLET COVER TYPE A-S RISER & ADJUST INLET COVER REQUIRED

INLET COVER TYPE H-S RISER REQUIRED

STA 146+50 LIMITS OF 2½ " DEPTH SURFACE MILLING

STA 147+20 LIMITS OF 2½ " DEPTH SURFACE MILLING

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 265	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050204-pn

PLOT DATE : 12/19/2024 1:14 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1057	154+33.05	785.85	RR SPIKE IN POWER POLE 04-16500

LEGEND

- BASE PATCHING CONCRETE SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- .XXXXXXXX. SAWCUT

MATCH LINE STA 148+40

EXIST R/W
INLET COVER TYPE H-S RISER REQUIRED
INLET COVER TYPE H-S RISER REQUIRED
INLET COVER TYPE H-S RISER REQUIRED
INLET COVER TYPE H RISER REQUIRED
INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED
INLET COVER TYPE H RISER REQUIRED
MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED
REMOVE & REPLACE EXISTING SIDEWALK
TRANSITION CURB PAN OVERLAY OVER 10 FEET TO MATCH INLET
MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED
MILL 1¾" DEPTH
SLOPE INTERCEPT (TYP)
REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.
BUTT JOINT REQUIRED
MILL 1¾" DEPTH
30.5'
SEE INTERSECTION DETAIL SHEETS FOR LAYOUT AND ITEM DETAILS
MANHOLE COVER RISER REQUIRED
MANHOLE COVER RISER
MANHOLE COVER RISER REQUIRED
BM 1057
CTH AA (BLUEMOUND DR)
STH 96
R/L STH 96
N88°31'13"E
150+00
151+00
152+00
153+00
154+00
SIGN
MH
INL

MATCH LINE STA 154+45

MATCH LINE STA 154+45

TRANSITION CURB PAN OVERLAY OVER 10 FEET WEST OF HIGH POINT
+72.61 69.26' LT
+95.88 61.97' LT
MILL 1¾" DEPTH
TLE
SLOPE INTERCEPT (TYP)
EXIST R/W
POPP LN
EXIST R/W
BUTT JOINT REQUIRED
22.8'
INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED
CONCRETE CURB & GUTTER 30-INCH TYPE A
EXIST R/W
TLE
REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.
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
SEE CURB RAMP DETAIL SHEET FOR FINISHED PAVING GRADE AT THE CENTER OF THE INTERSECTION
MANHOLE COVER RISER
MANHOLE COVER RISER
INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED
MANHOLE COVER RISER REQUIRED
MANHOLE COVER RISER
MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED
MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED
EXIST R/W
CONCRETE CURB & GUTTER 30-INCH TYPE A
INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED
TRANSITION CURB PAN OVERLAY IN 20 FEET TO MATCH EXISTING STA 158+88 RT
MILL 1¾" DEPTH
PROP R/W
TLE
TRANSITION CURB PAN OVERLAY OVER 10 FEET AT MIDDLE OF TAPER
MILL 1¾" DEPTH
STH 96
R/L STH 96
CURVE 2
N88°31'13"E
S89°46'55"E
155+00
156+00
157+00
158+00
159+00
160+00
SIGN
MH
INL
CV

MATCH LINE STA 160+50

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 266	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050205-pn
PLOT DATE : 12/13/2024 9:26 AM
PLOT BY : COREY RAYFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1011	166+59.38	786.59	TAG BOLT OF HYDRANT

LEGEND

- BASE PATCHING CONCRETE SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- SAWCUT

MATCH LINE STA 160+50

MATCH LINE STA 166+55

MATCH LINE STA 166+55

MATCH LINE STA 172+60

CONCRETE CURB & GUTTER 30-INCH TYPE A

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

TLE

EXIST R/W

CONCRETE CURB & GUTTER 30-INCH TYPE A

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

SLOPE INTERCEPT (TYP)

STH 96

R/L STH 96

MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED

S89°46'55"E

MANHOLE COVER RISER ADJUSTING MANHOLE COVER

MILL 1¾" DEPTH

EXIST R/W

MILL 1¾" DEPTH

TRANSITION CURB PAN OVERLAY OVER 10 FEET AT MIDDLE OF TAPER

PROP R/W

TLE

W ELBERG AVE

PROP R/W

TLE

CONCRETE CURB AND GUTTER 30-INCH TYPE D

EXIST R/W

SLOPE INTERCEPT (TYP)

TLE

BUTT JOINT REQUIRED

N. REXFORD ST

21.8'

CONCRETE CURB & GUTTER 30-INCH TYPE A

CONCRETE CURB & GUTTER 30-INCH TYPE A

STH 96

R/L STH 96

S89°46'55"E

MANHOLE COVER RISER

MANHOLE COVER RISER REQUIRED

BM 1011

EXIST R/W

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

INLET COVER TYPE H RISER & ADJUST INLET COVER REQURIED

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 267 E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050206-pn

PLOT DATE : 5/21/2025 2:25 PM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

BENCHMARKS

NO.	STATION	ELEV.	DESCRIPTION
1012	174+92.80	784.21	TAG BOLT OF HYDRANT
1013	181+02.98	787.32	TAG BOLT OF HYDRANT

LEGEND

- BASE PATCHING CONCRETE SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- .XXXXXXXX. SAWCUT

MATCH LINE STA 172+60

MATCH LINE STA 178+65

MATCH LINE STA 178+65

MATCH LINE STA 184+70

N. REXFORD ST

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

SLOPE INTERCEPT (TYP)

EXIST R/W

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

CONCRETE CURB & GUTTER 30-INCH TYPE A

PI: 176+09.77

INLET COVER TYPE H-S RISER REQUIRED

CONCRETE CURB & GUTTER 18-INCH TYPE A

INLET COVER TYPE H-S RISER REQUIRED

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

BUTT JOINT REQUIRED

7.1'

MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

MANHOLE COVER RISER & ADJUST MANHOLE COVER REQUIRED

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

TLE

TLE

N HICKORY FARM LANE

BM 1012

EXIST R/W

CONCRETE CURB & GUTTER 30-INCH TYPE A MODIFIED

MANHOLE COVER RISER REQUIRED

MANHOLE COVER RISER REQUIRED

INLET COVER TYPE A-S RISER REQUIRED

INLET COVER TYPE H-S RISER & ADJUSTING INLET COVER REQUIRED

N. LYNNDALE DR

EXIST R/W

+20.32 65.96' LT

+50.53 60.72' LT

EXIST R/W

TLE

SLOPE INTERCEPT (TYP)

EXIST R/W

+64.72 59.39' LT

+43.92 51.08' LT

PI: 179+83.08

TRANSITION OVERLAY TO MATCH EXISTING OVER 40 FEET

STH 96

CONCRETE SIDEWALK 4-INCH

BUTT JOINT REQUIRED

R/L STH 96

179+00

180+00

181+00

182+00

183+00

184+00

S88°45'45"E

S89°37'23"E

TRANSITION OVERLAY TO MATCH EXISTING OVER 30 FEET

STH 96

EXIST R/W

ADJUST PULLBOX

N. LYNNDALE DR

BM 1013

E. SERVICE RD

EXIST R/W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 268	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050207-pn

PLOT DATE : 11/22/2024 2:08 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1058	186+63.49	783.86	RR SPIKE IN POWER POLE 92-21757
1015	193+43.89	783.74	TAG BOLT OF HYDRANT

MATCH LINE STA 184+70

EXIST R/W
ADJUST INLET COVER
SLOPE INTERCEPT (TYP)
TLE
WILHARMS DR
EXIST R/W
RECONNECT EXISTING 6-INCH UNDERDRAIN
+16.87 63.60' LT
+56.45 60.07' LT
TLE
BM 1058
STH 96
NEW CONCRETE MEDIAN SLOPE NOSE TYPE 1 & 4-INCH CONCRETE SIDEWALK
R/L STH 96
185+00
186+00
187+00
188+00
189+00
190+00
S89°37'23"E
STH 96
REMOVE & REPLACE EXISTING SIDEWALK
E. SERVICE RD
REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.
PROP R/W
TLE
EXIST R/W

LEGEND

- BASE PATCHING CONCRETE SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- .XXXXXXXX. SAWCUT

MATCH LINE STA 190+75

EXIST R/W
+16.34 64.33' LT
+78.99 49.00' LT
ADJUSTING MANHOLE COVERS
N. PERKINS ST
EXIST R/W
PROP R/W
TLE
+57.87 52.35' LT
BUS PAD
SLOPE INTERCEPT (TYP)
+86.31 52.23' LT
+95.71 48.72' LT
REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.
EXIST R/W
CONCRETE CURB & GUTTER 30-INCH TYPE A
RECONNECT EXISTING 6-INCH UNDERDRAIN
ADJUSTING MANHOLE COVER
PI: 195+24.22
PI: 196+75.84
SEE PLAN DETAILS
STH 96
191+00
192+00
193+00
194+00
195+00
196+00
S89°37'23"E
N89°50'42"E
R/L STH 96
STH 96
EXIST R/W
PROP R/W
TLE
TLE
N. PERKINS ST
BM 1015
TLE
EXIST R/W
SIDEWALK & BUS PAD

MATCH LINE STA 196+80

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 269	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050208-pn

PLOT DATE : 12/19/2024 1:15 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

MATCH LINE STA 196+80

MATCH LINE STA 202+85

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1016	199+83.28	792.10	TAG BOLT OF HYDRANT
1017	204+43.46	799.43	SE BOLT OF HYDRANT

LEGEND

- BASE PATCHING CONCRETE SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- SAWCUT

N

CONCRETE CURB & GUTTER 30-INCH TYPE A

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

EXIST R/W

TLE

SLOPE INTERCEPT (TYP)

PROP R/W

CONCRETE CURB & GUTTER 24-INCH TYPE D

+48.80 51.26' LT

R11' TO FACE

+89.81 55.28' LT

R5.75' TO FACE

+24.78 52.80' LT

+34.84 50.80' LT

R12.5' TO FACE

+88.95 50.74' LT

+98.37 47.16' LT

CONCRETE CURB & GUTTER 30-INCH TYPE A

REMOVE EXISTING SIGN AND CONCRETE BASE

+49.25 47.14' LT

+81.63 50.88' LT

ADJUST MANHOLE COVER

SEE PLAN DETAILS

CONCRETE CURB & GUTTER 30-INCH TYPE A

STH 96

+25.08 47.16' LT

CONCRETE CURB & GUTTER 30-INCH TYPE A

ADJUST MANHOLE COVER

REMOVE EXISTING LIGHT POLES AND CONCRETE BASES

CONCRETE CURB & GUTTER 30-INCH TYPE A

197+00 198+00 199+00 200+00 201+00 202+00

S89°34'52"E

R/L STH 96

STH 96

RECONNECT EXISTING 6-INCH UNDERDRAIN

EXIST R/W

PROP R/W

TLE

HARD DR

BM 1016

ADJUSTMENT RING REPLACEMENT GREATER THAN 12-INCH DEPTH

5

5

TLE

CONCRETE CURB & GUTTER 30-INCH TYPE A

BUS PAD

+67.81 51.01' LT

+77.82 47.32' LT

PROP R/W

REMOVE EXISTING SIGN

CONCRETE CURB & GUTTER 30-INCH TYPE A

REMOVE EXISTING CONCRETE BASES TO 2 FEET BELOW EXISTING GRADE SAWING ASPHALT REQUIRED AROUND NORTH BASE PRIOR TO REMOVAL. PLACE ASPHALTIC SURFACE TO MATCH EXISTING PARKING LOT EDGE.

EXIST R/W

SLOPE INTERCEPT (TYP)

PROP R/W

HIGHWAY EASEMENT (TYP.)

PI: 206+74.67

EXIST R/W

PI: 207+81.73

ADJUSTING MANHOLE COVER

STH 96

RECONNECT EXISTING 6-INCH UNDERDRAIN

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

ADJUSTMENT RING REPLACEMENT LESS THAN 12-INCH DEPTH

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

REMOVE AND REPLACE CONCRETE CURB AND GUTTER, TYP.

BM 1017

EXIST R/W

PROP R/W

REMOVE AND REPLACE RAILROAD APPROACH SEE STANDARD DETAIL DRAWINGS AND PAVING DETAILS

TLE

N. BADGER AVE

SIDEWALK & BUS PAD

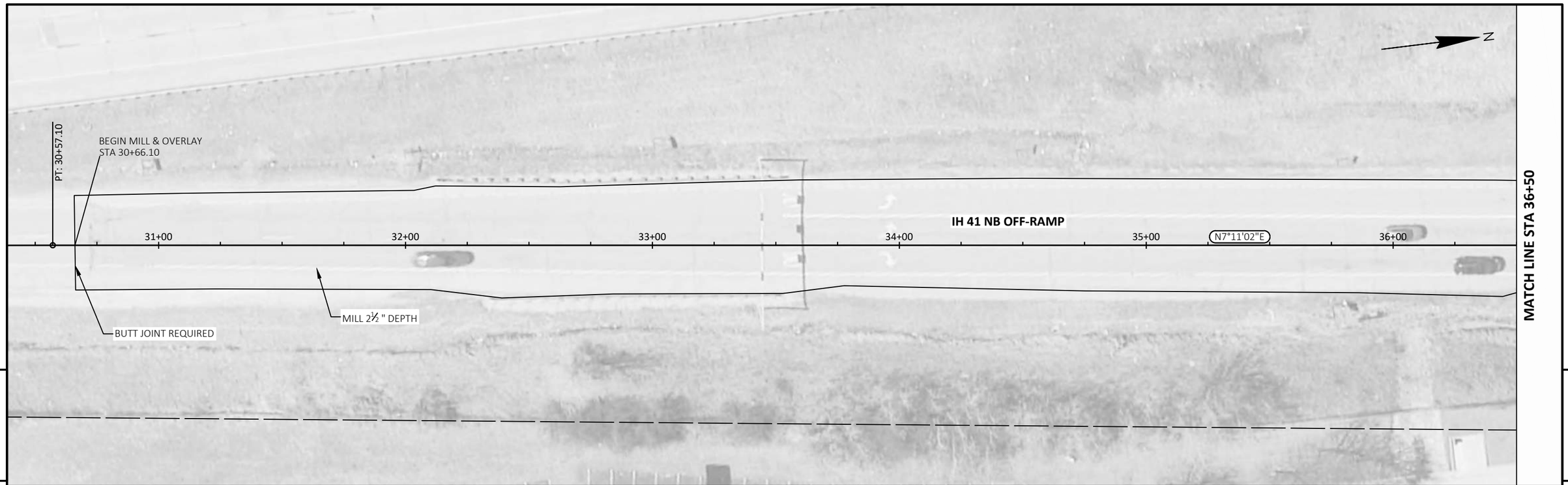
EXIST R/W

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 270	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050209-pn

PLOT DATE : 5/21/2025 2:28 PM PLOT BY : MATT TOMSOVIC PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



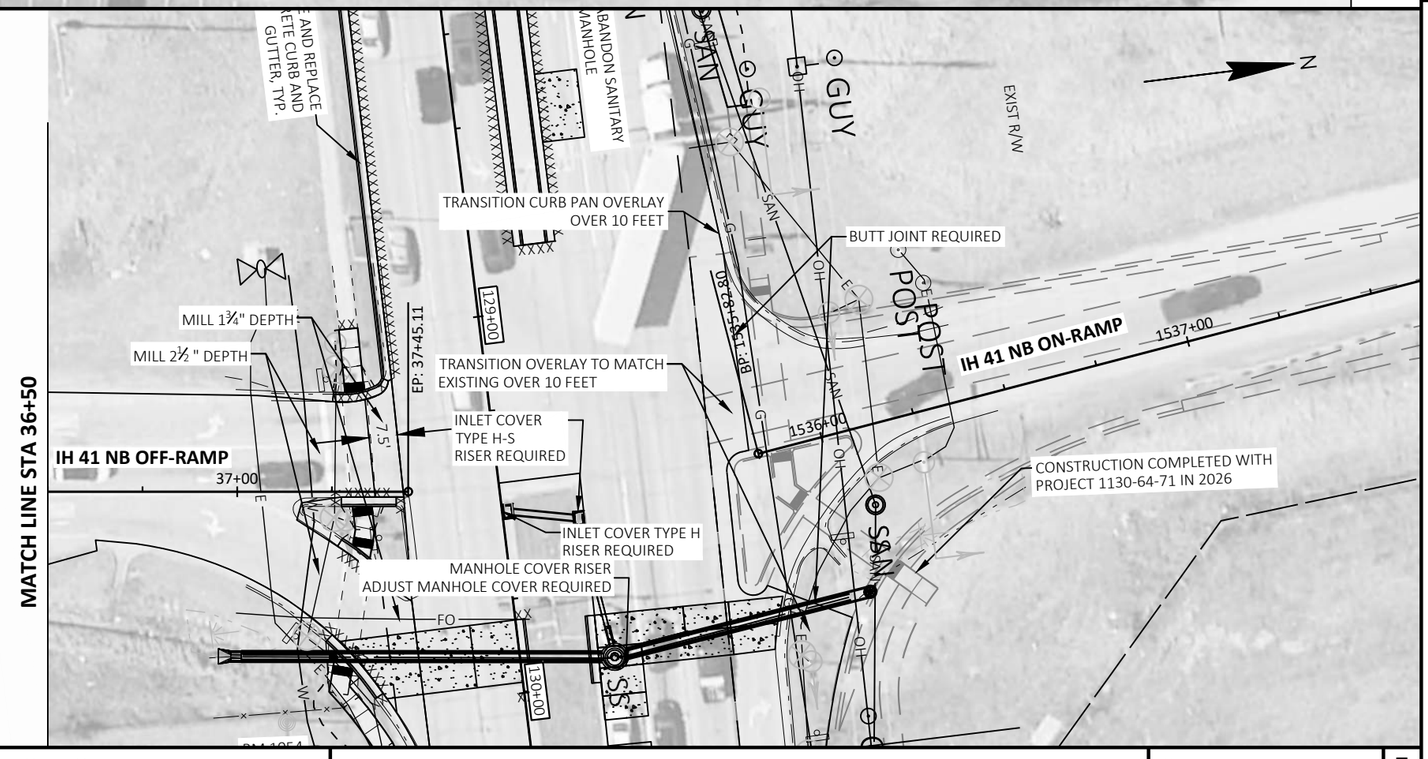
5

5

LEGEND

- BASE PATCHING CONCRETE SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- .XXXXXXXX. SAWCUT

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1054	130+12.97	782.64	RR SPIKE IN POWER POLE 1300 76

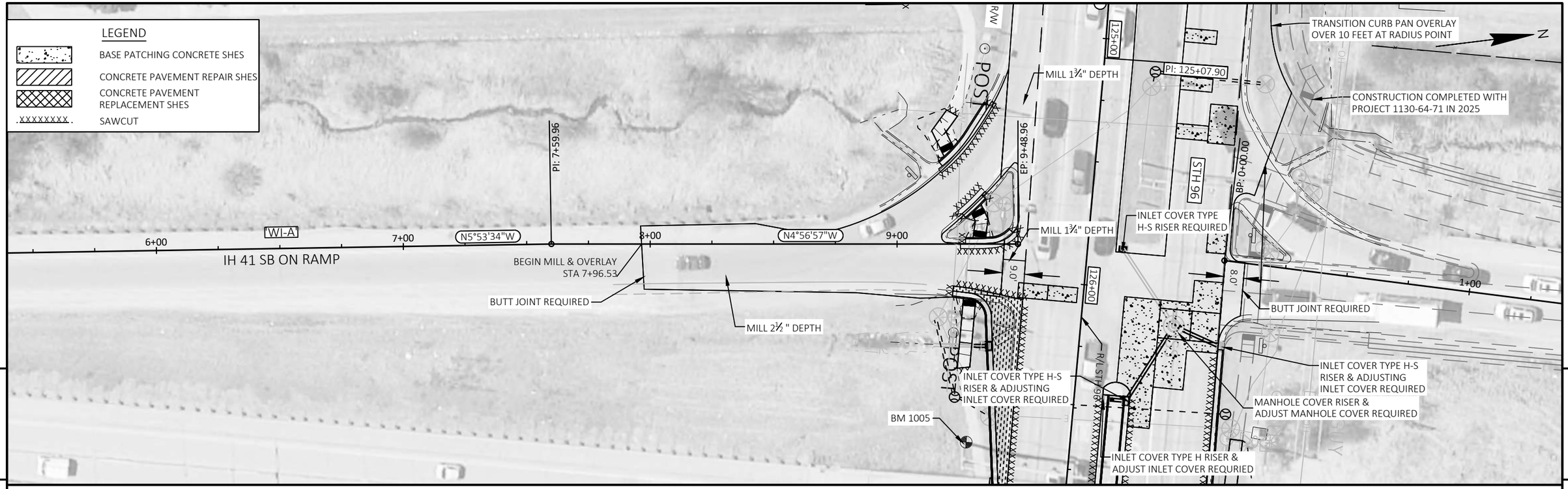


PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 271	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050221-pn

PLOT DATE : 5/22/2025 11:08 AM PLOT BY : CRAIG KNUTH PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
1005	126+67.80	780.32	BOLT

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN	SHEET 272	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_050201-PN.DWG
LAYOUT NAME - 407540_050222-pn

PLOT DATE : 11/12/2024 10:33 AM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

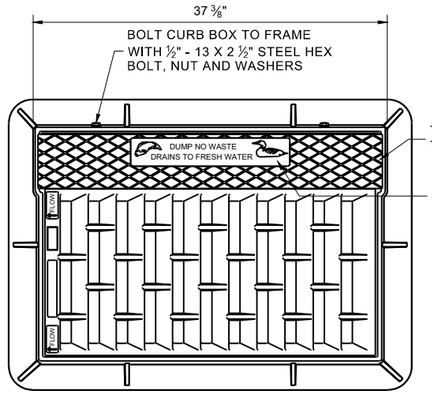
Standard Detail Drawing List

08A05-21A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-21B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-21E	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-04	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT, 10-FT DIAMETER
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-21A	CURB RAMPS TYPES 1 AND 1-A
08D05-21B	CURB RAMPS TYPES 2 AND 3
08D05-21C	CURB RAMPS TYPES 4A AND 4A1
08D05-21D	CURB RAMPS TYPE 4B AND 4B1
08D05-21E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-21F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-21G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F02-01	APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09B02-10	CONDUIT
09B16-03	PULL BOX NON-CONDUCTIVE
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C06-07	CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL
09E06-05	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
09E07-06	TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS
09F15-04A	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)
10A01-04	ELECTRICAL HANDHOLE WIRING
11B02-02	CONCRETE MEDIAN NOSE
13C09-17A	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-17B	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-17C	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C14-07A	BASE PATCHING CONCRETE
13C14-07B	BASE PATCHING CONCRETE
13C14-07C	BASE PATCHING CONCRETE
13C15-08A	CONCRETE BASE
13C15-08B	CONCRETE BASE
13C19-03	HMA LONGITUDINAL JOINTS
14B07-16A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16B	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16C	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16E	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16F	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16G	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16H	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16I	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16J	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16K	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16L	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16M	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16N	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B08-02A	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02B	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02C	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02D	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02E	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B29-01	SAFETY EDGE
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15B03-15A	FENCE CHAIN LINK
15B03-15B	FENCE CHAIN LINK
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09C	DETOUR SIGNING FOR MAINLINE CLOSURES

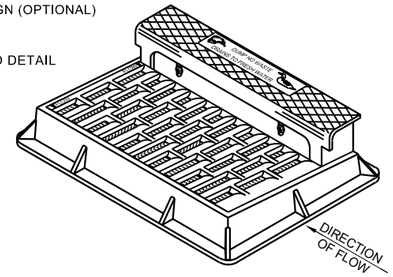
6

Standard Detail Drawing List

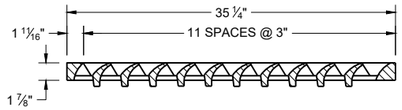
15C02-09D	ON RAMP LANE CLOSURE
15C02-09E	OFF RAMP LANE CLOSURE
15C02-09G	TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-16B	PAVEMENT MARKING WORDS
15C07-16C	PAVEMENT MARKING ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C09-13A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C18-09A	MEDIAN ISLAND MARKINGS
15C18-09B	PAVEMENT MARKINGS, MEDIAN ISLAND NOSE
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D16-06	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D20-09A	TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D30-10A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D40-05A	TRAFFIC CONTROL, FULL LANE SHIFT NON-FREEWAY OR MULTILANE DIVIDED 45 MPH AND UNDER
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES
15D50-03A	TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT

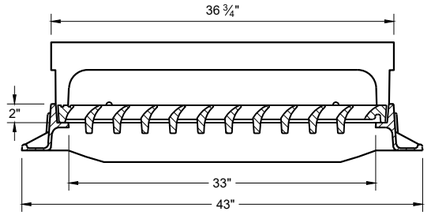


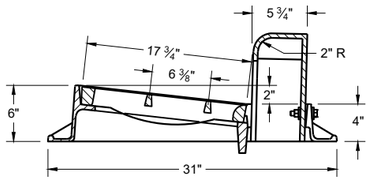
NOTE: EITHER CASTING IS ACCEPTABLE

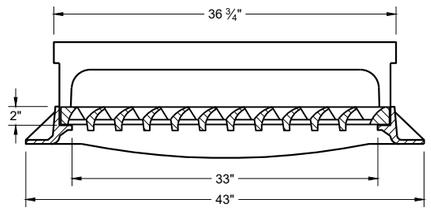


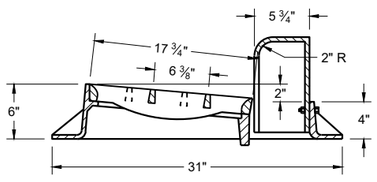
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







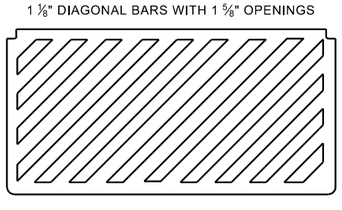




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

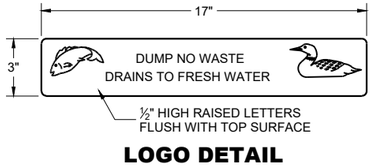
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



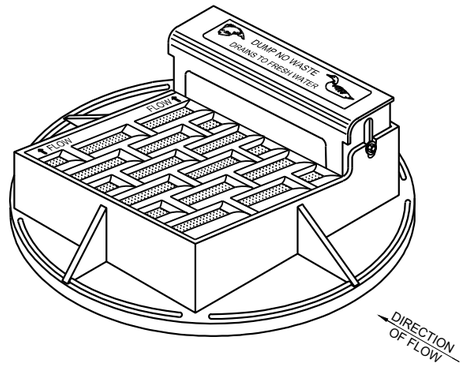
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

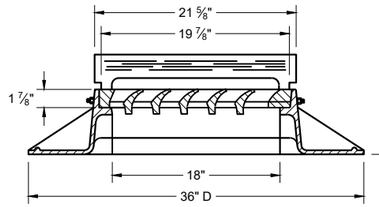


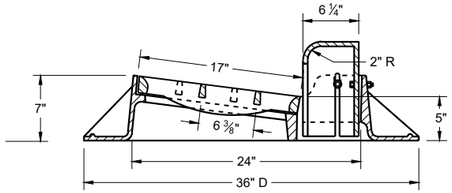
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





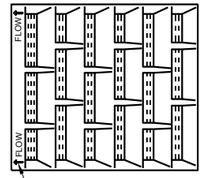
TYPE "A"

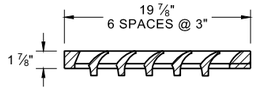
GENERAL NOTES

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.

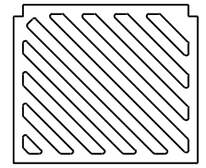
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.





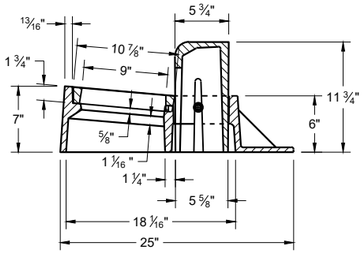
1" DIAGONAL BARS WITH 1 1/2" OPENINGS



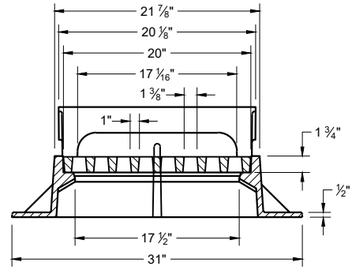
SPECIAL GRATE FOR TYPE "A" COVER

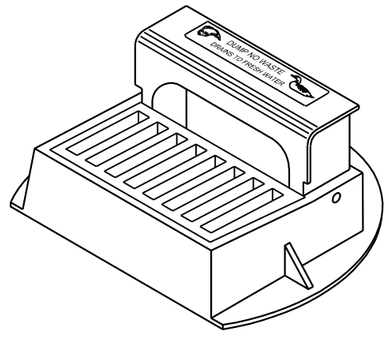
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)



TYPE "Z"





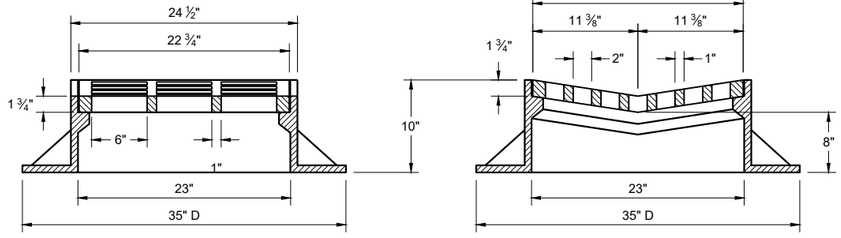
INLET COVERS
TYPES A, H, A-S, H-S AND Z

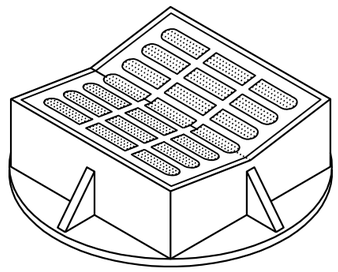
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

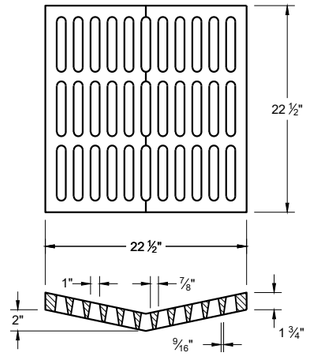
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

FHWA





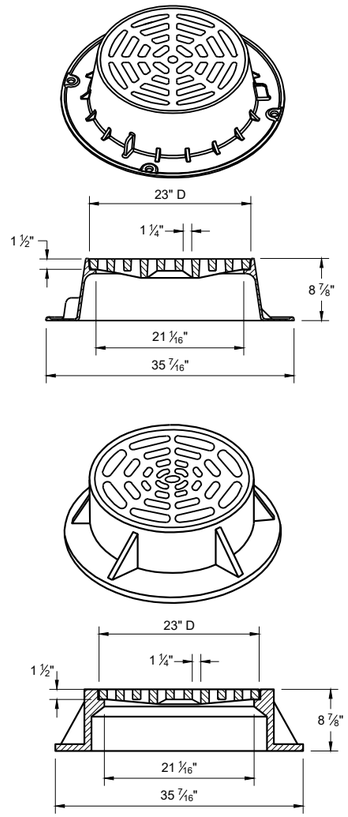
TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS POSSIBLE

NOTED AS TYPE B - A ON THE DRAINAGE TABLE



TYPE "C"

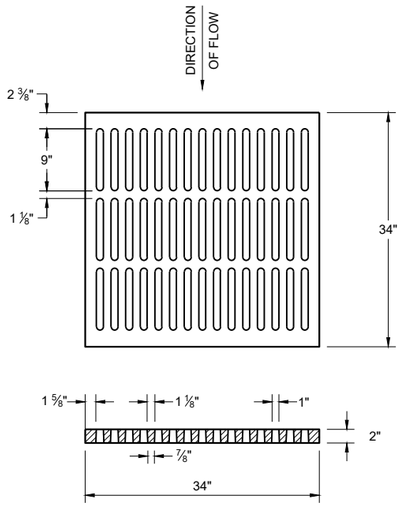
NOTE: EITHER CASTING IS ACCEPTABLE

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.

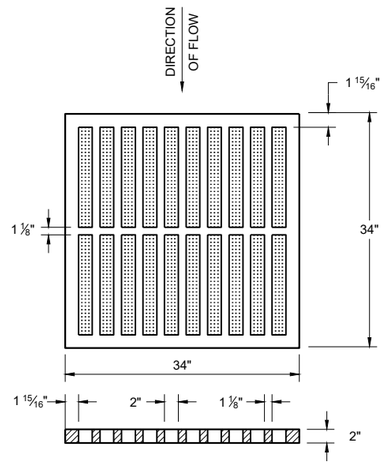
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS PERMITTED

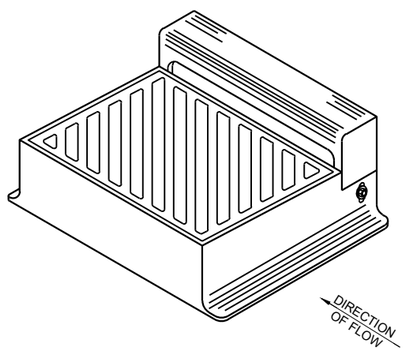
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE



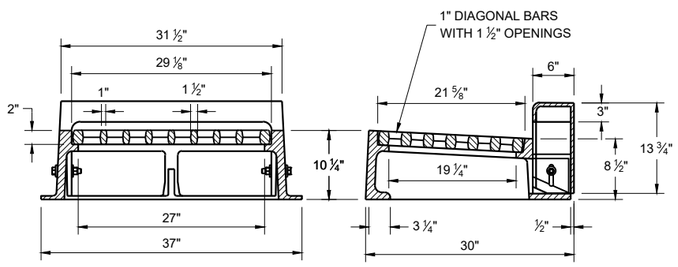
TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS

NOTED AS TYPE MS ON THE DRAINAGE TABLE



DIAGONAL SLOTS SHALL BE ORIENTEDTO THE DIRECTION OF FLOW AS ILLUSTRATED.
GRATES ARE MANUFACTURED TO BE REVERSIBLE.



TYPE "WM"

NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

INLET COVERS TYPES B, B-A, C, MS, MS-A AND WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6

SDD 08A05-21b

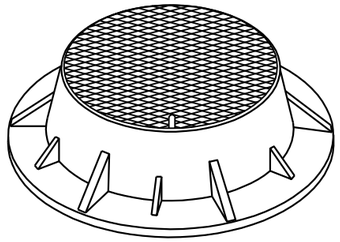
SDD 08A05-21b

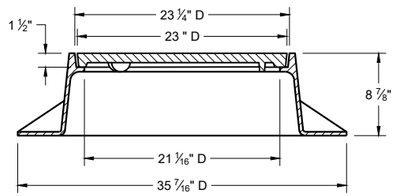
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

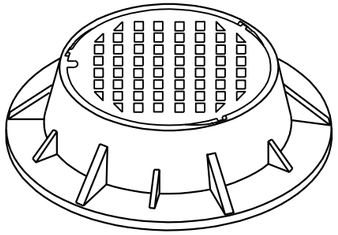
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

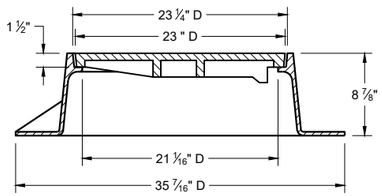




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

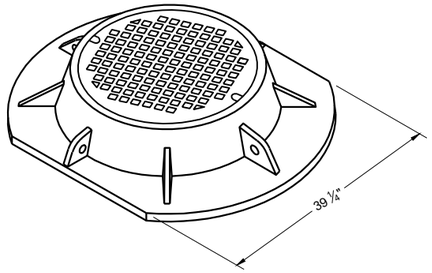


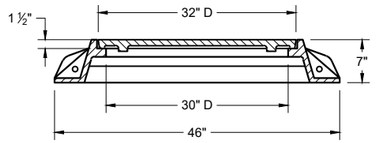


TYPE "J" SPECIAL

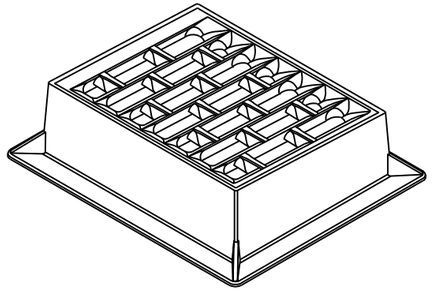
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

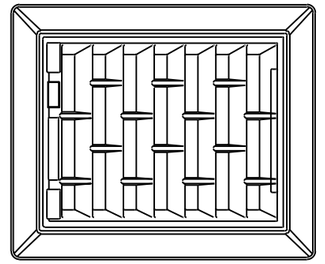
NOTE: EITHER CASTING IS ACCEPTABLE

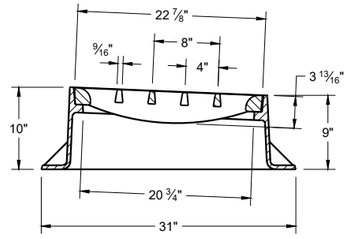


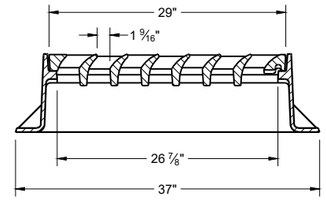


TYPE "K"

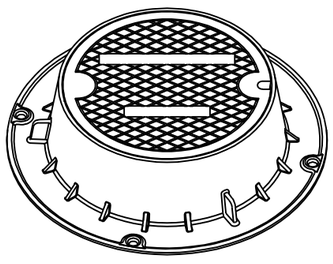


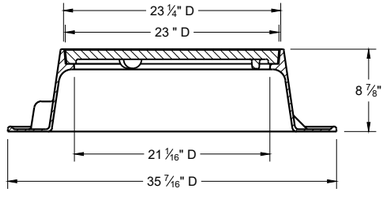






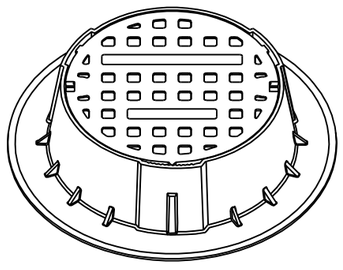
INLET COVER TYPE "BW"

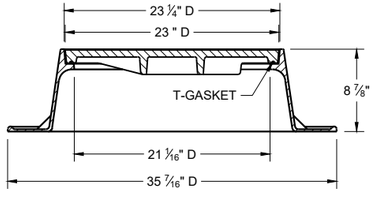




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

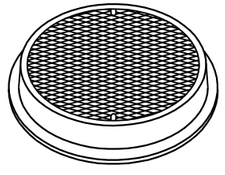


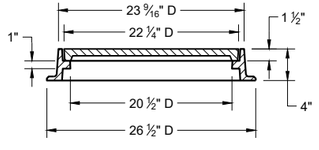


TYPE "J" SPECIAL

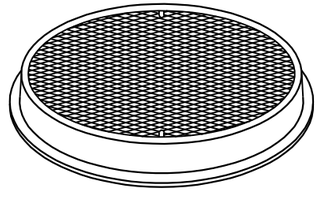
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

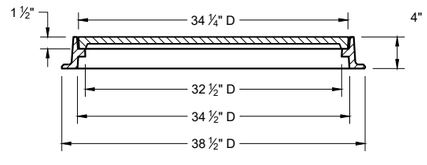
NOTE: EITHER CASTING IS ACCEPTABLE





TYPE "L"





TYPE "M"

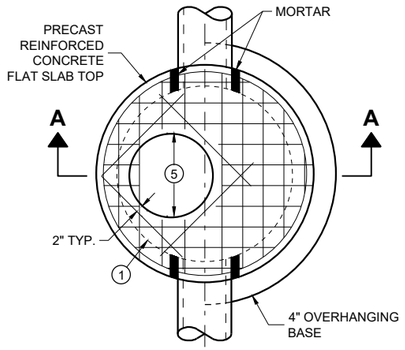
INLET COVERS TYPES BW
MANHOLE COVERS TYPES K, J, J-S, L, AND M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

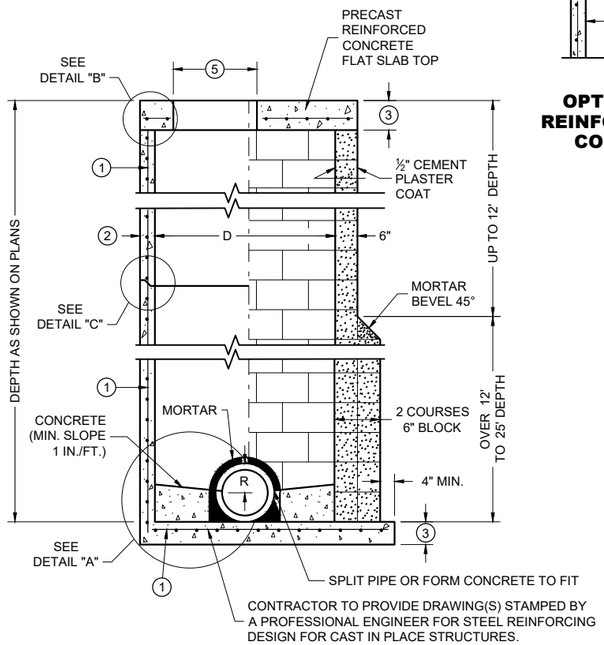
FHWA

6
SDD 08A05-21e



PLAN VIEW

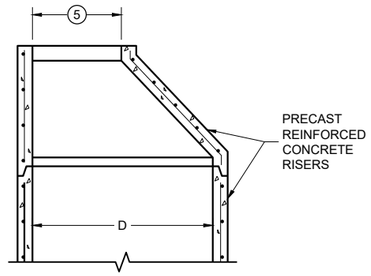
CIRCULAR OPENING



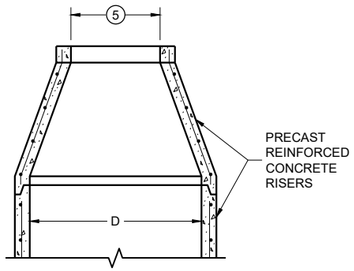
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

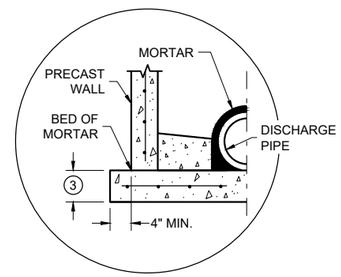
MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) (5) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

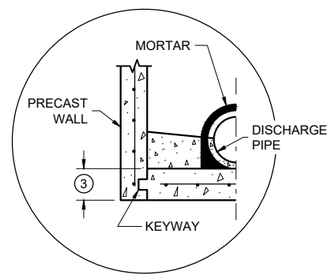
PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42 *	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES. SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

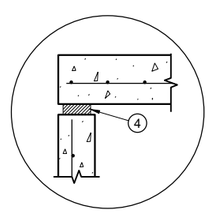


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

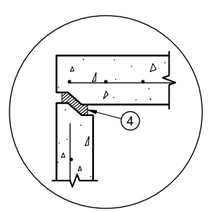


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

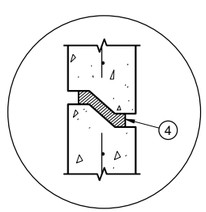
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

DETAIL "C"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL IMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

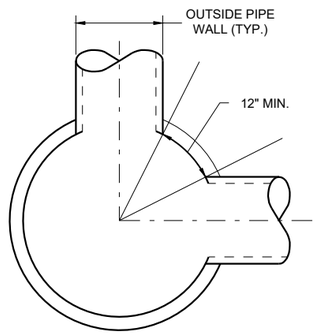
(1) FOR PRECAST MANHOLES AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(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 OR RUBBER GASKETS CONFORMING TO ASTM C443.

(5) SEE MANHOLE COVER OPENING MATRIX.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

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
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

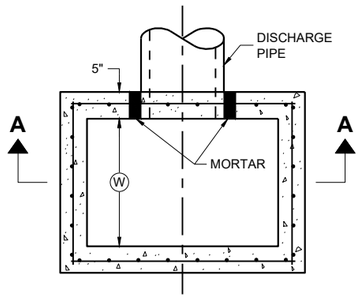
FHWA

6

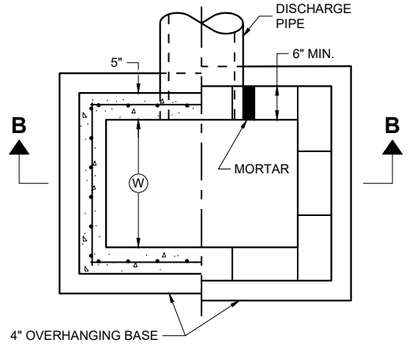
SDD 08B09-04

6

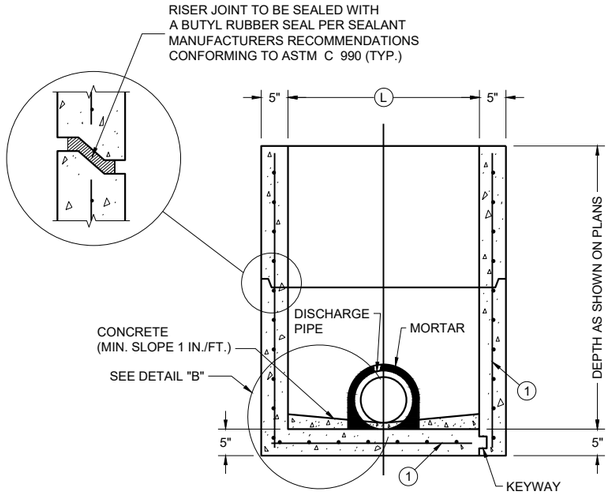
SDD 08B09-04



PLAN VIEW



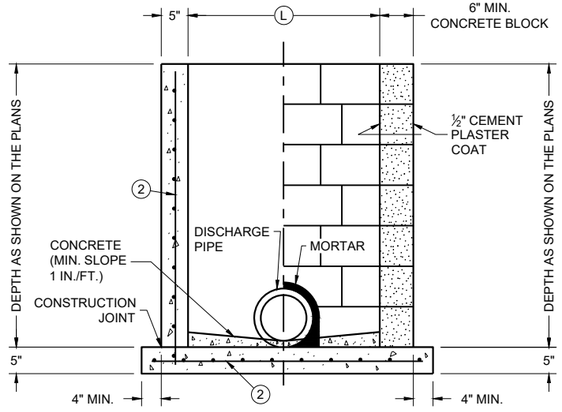
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

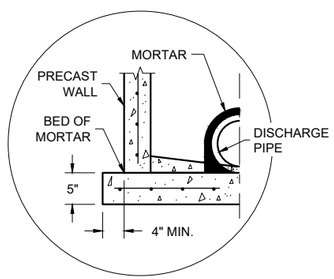
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

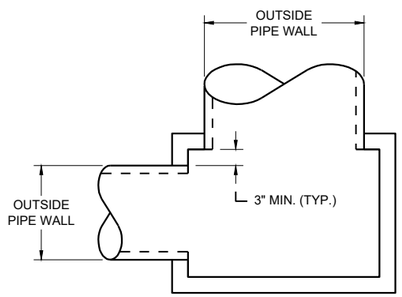
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" 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 AND REINFORCED CONCRETE BASES 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.

CATCH BASIN COVER MATRIX

INLET SIZE	WIDTH (W) (FT.)	LENGTH (L) (FT.)	INLET COVER TYPE									
			ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM	V V-B
2 X 2-FT	2	2	X	X				X				
2 X 2.5-FT	2	2.5			X			X	X	X	X	
2 X 3-FT	2	3					X					
2.5 X 3-FT	2.5	3				X						
2 X 3.5-FT	2	3.5										X

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	WIDTH (IN)	LENGTH (IN)
2 X 2-FT	12	12
2 X 2.5-FT	12	18
2 X 3-FT	12	24
2.5 X 3-FT	18	24
2 X 3.5-FT	12	30

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2X3.5-FT

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2 X 3.5-FT

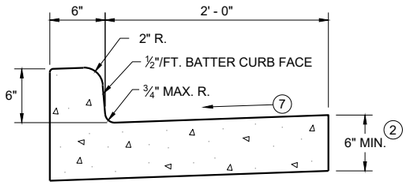
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

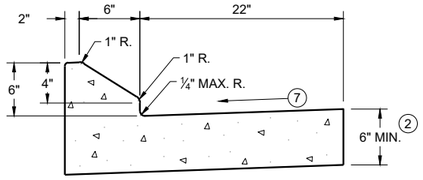
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

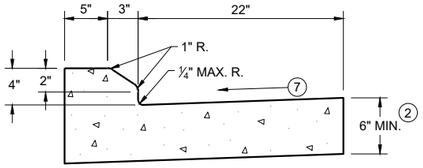
6
SDD 08C07-03



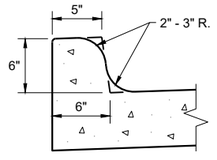
TYPES A (1) & D



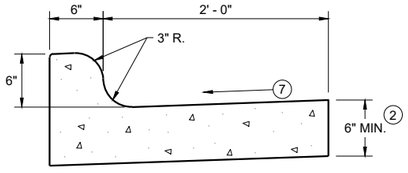
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

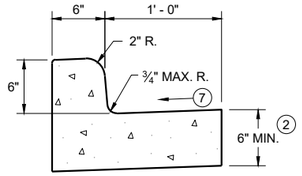


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



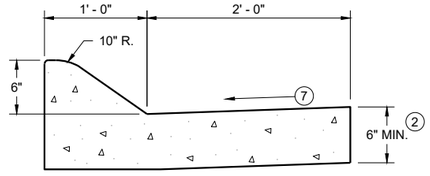
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

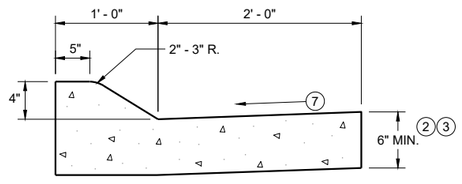


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

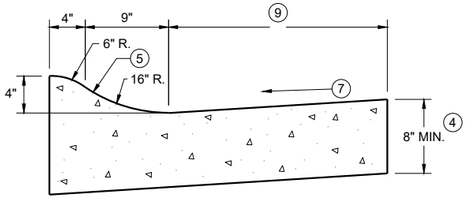


6" SLOPED CURB TYPES A (1) & D



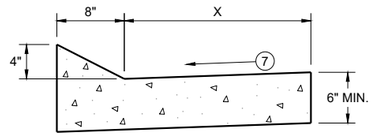
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

TBT & TBTT	X
30"	22"
36"	28"

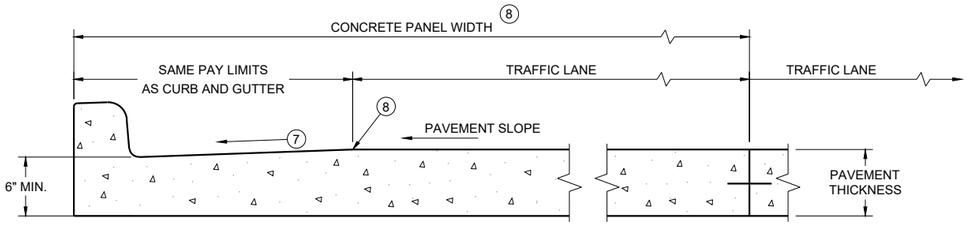


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

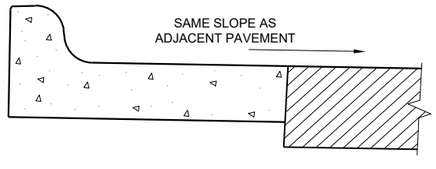
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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.

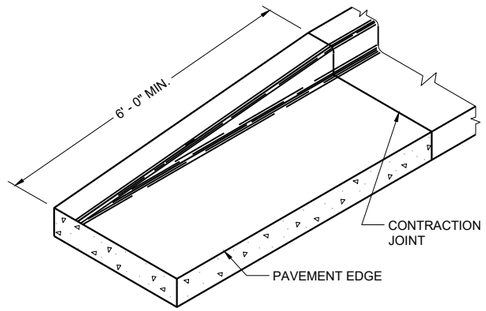
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(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

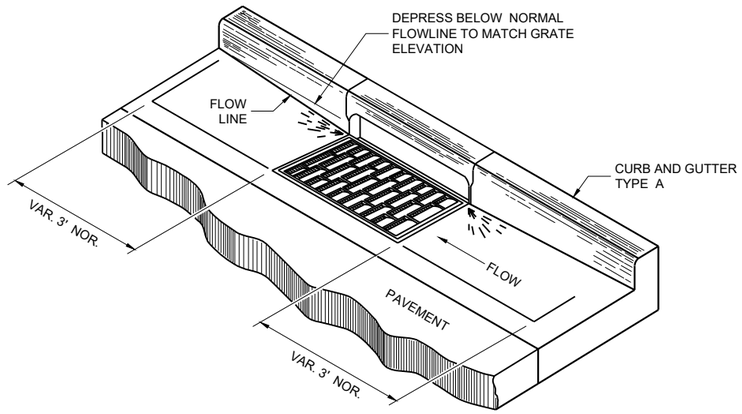
CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D01-23a



END SECTION CURB 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.

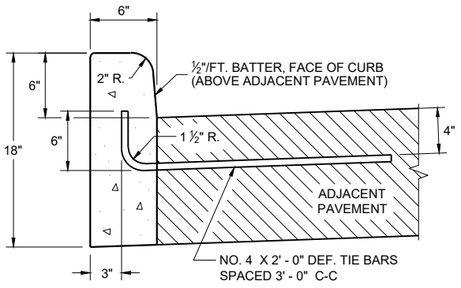
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

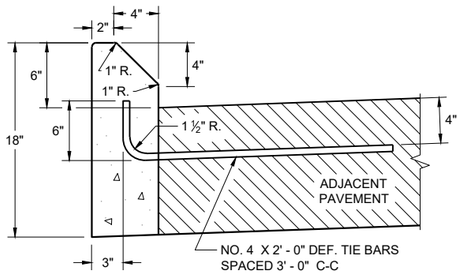
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

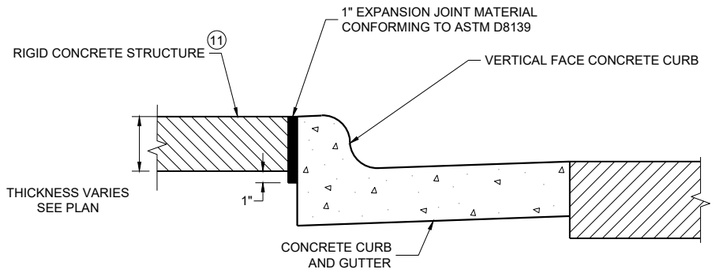


TYPES A (1) & D

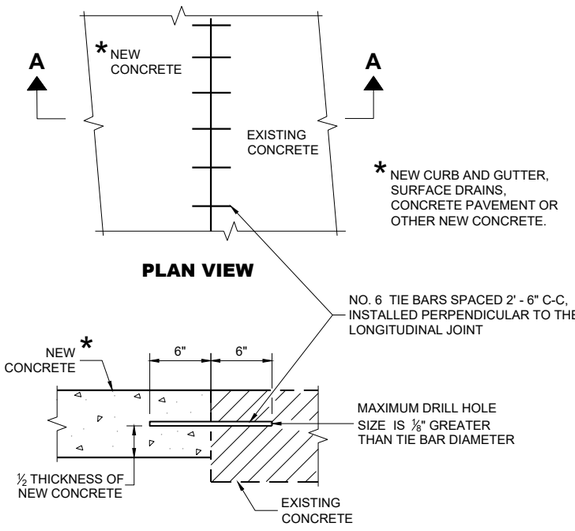


TYPES G (1) & J

CONCRETE CURB



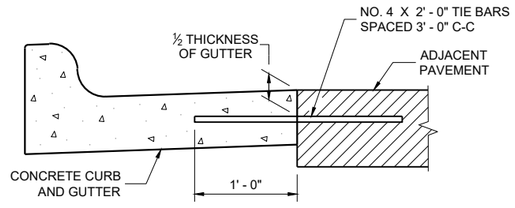
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



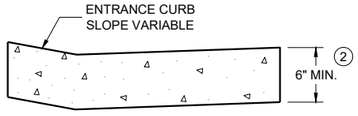
PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

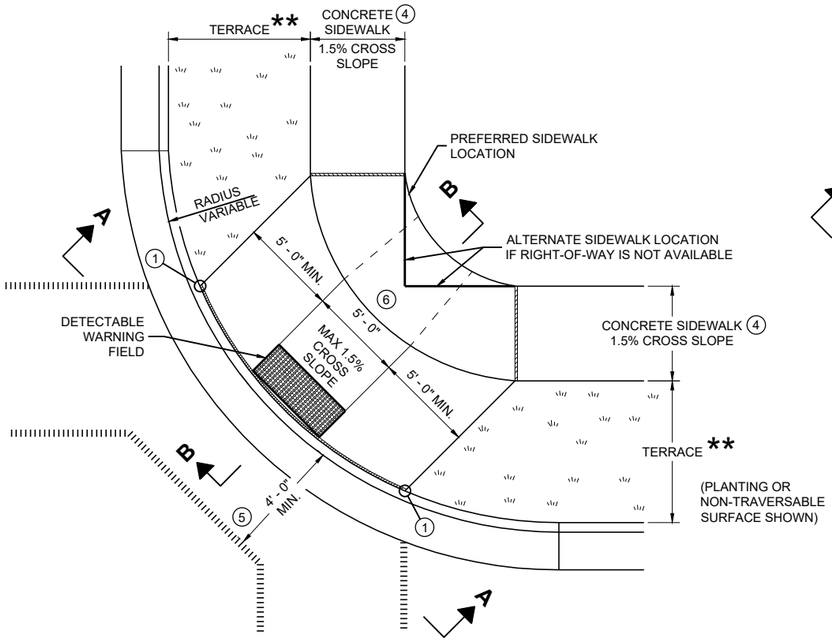
(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

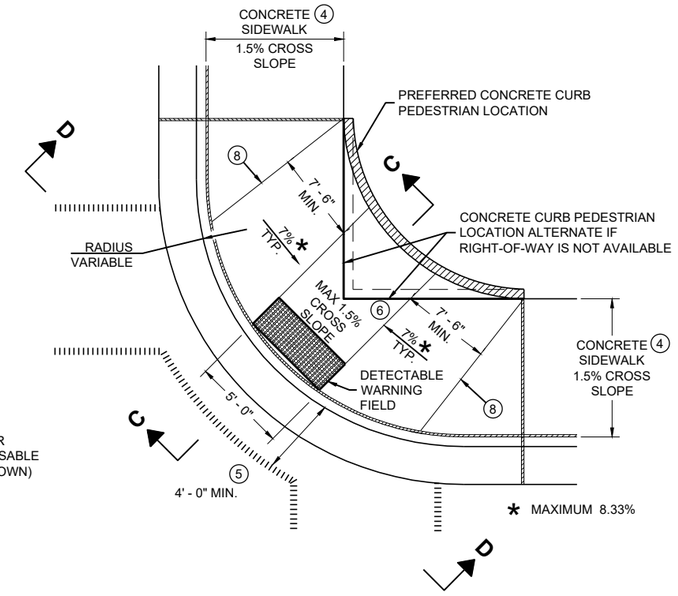
FHWA



PLAN VIEW

CURB RAMP TYPE 1

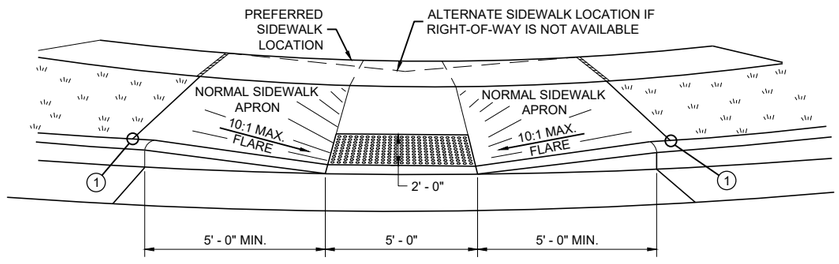
(CENTER OF CORNER RADIUS)



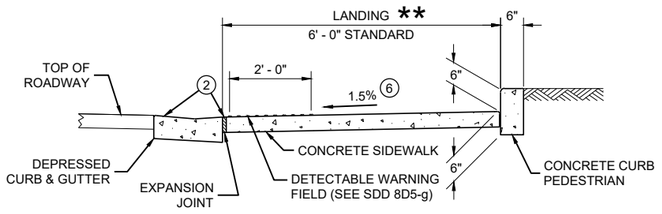
PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

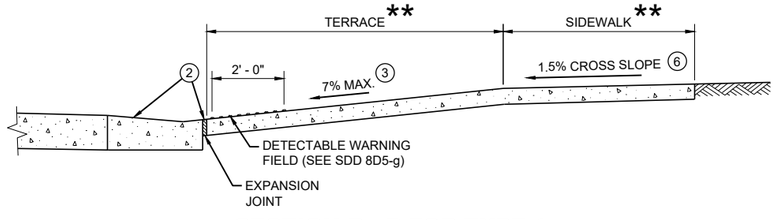


VIEW A - A FOR TYPE 1

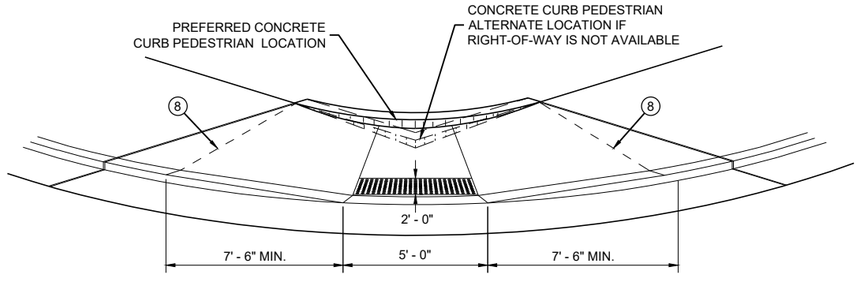


SECTION C - C FOR TYPE 1 - A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 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) 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. 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

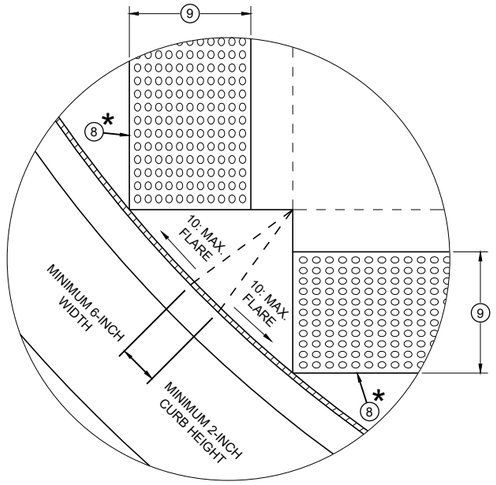
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

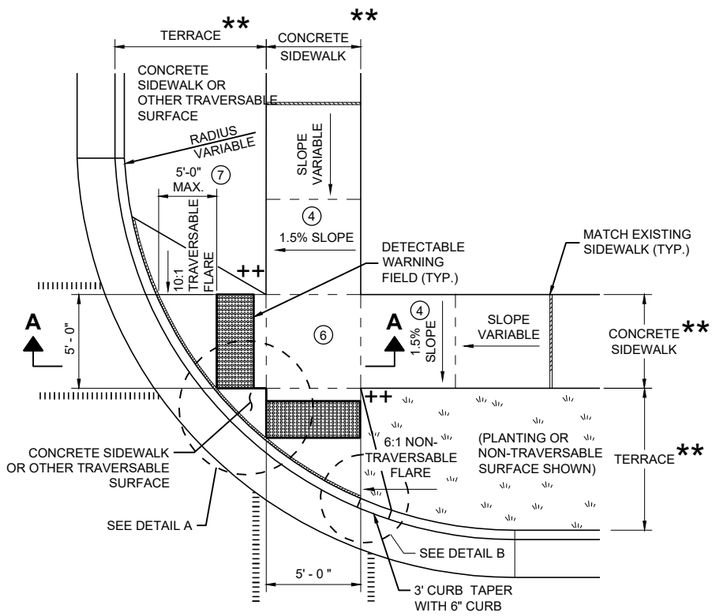
CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

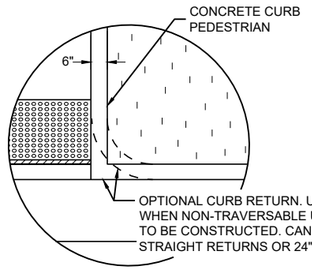
6
SDD 08D05-21a



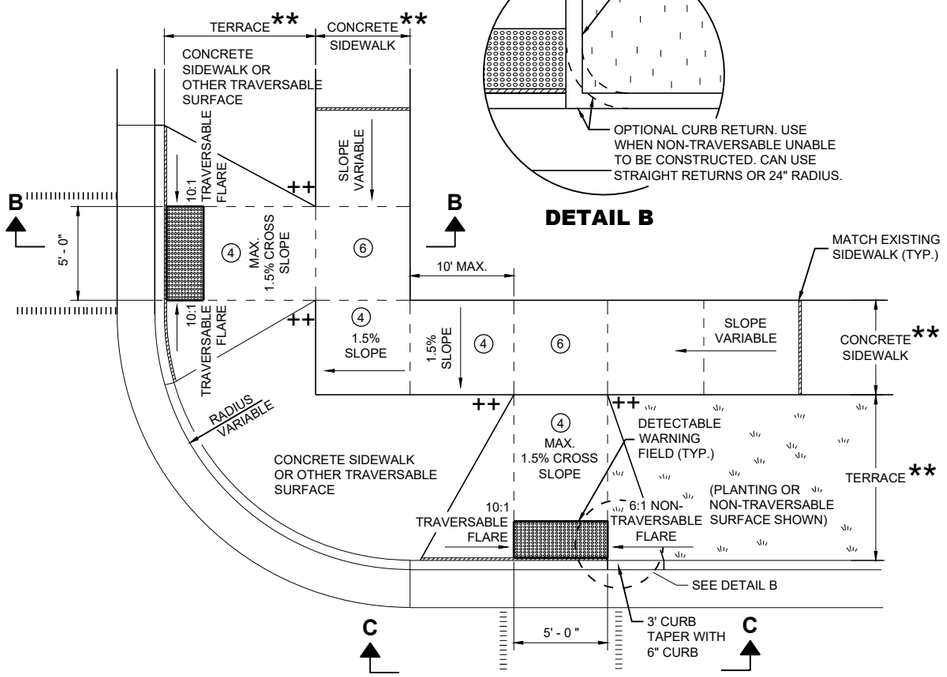
DETAIL A



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.

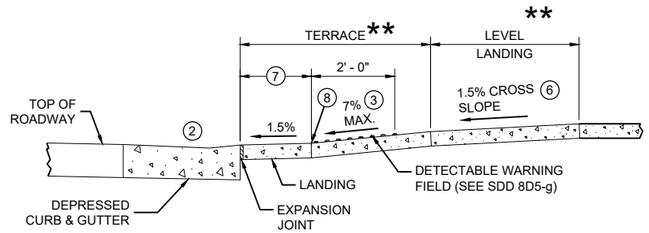
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(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.

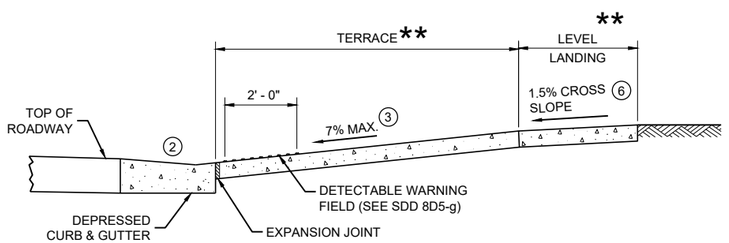


SECTION A - A FOR TYPE 2

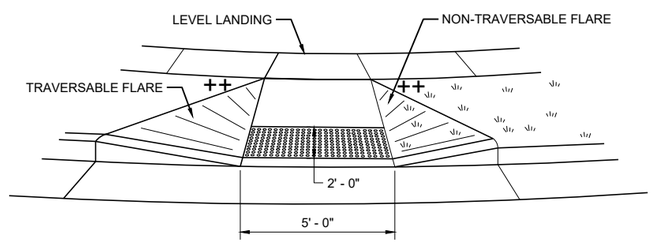
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

LEGEND

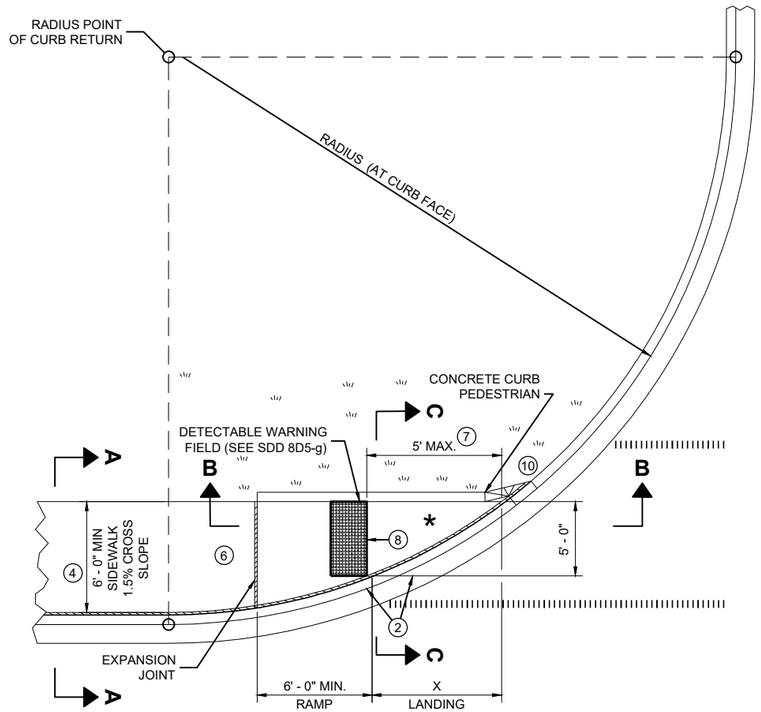
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

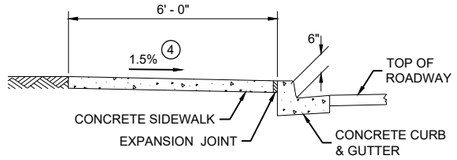


PLAN VIEW

CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

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.

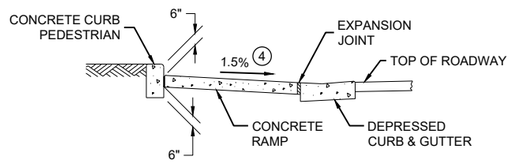
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

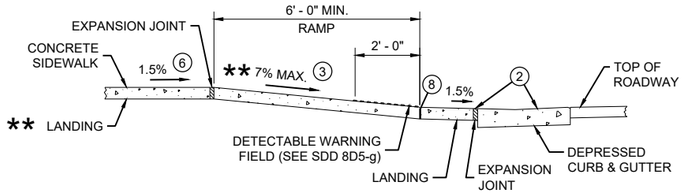
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

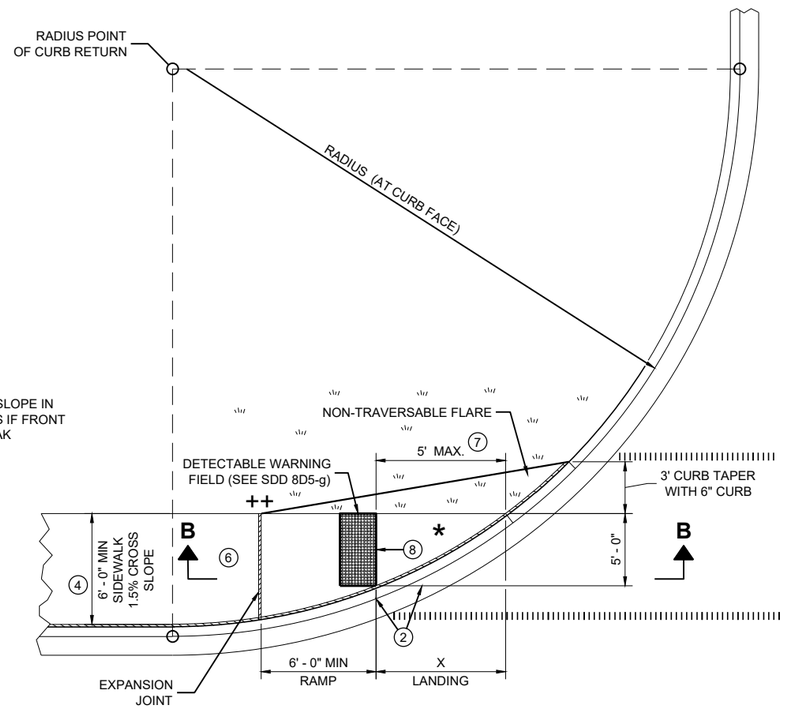


SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1

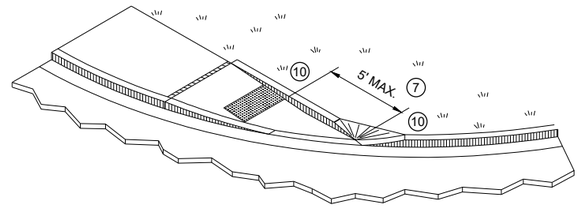
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



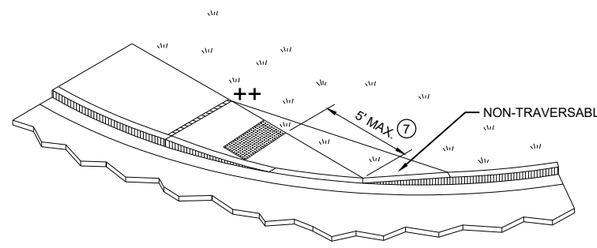
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

PLAN VIEW

CURB RAMP TYPE 4A1



ISOMETRIC VIEW FOR TYPE 4A

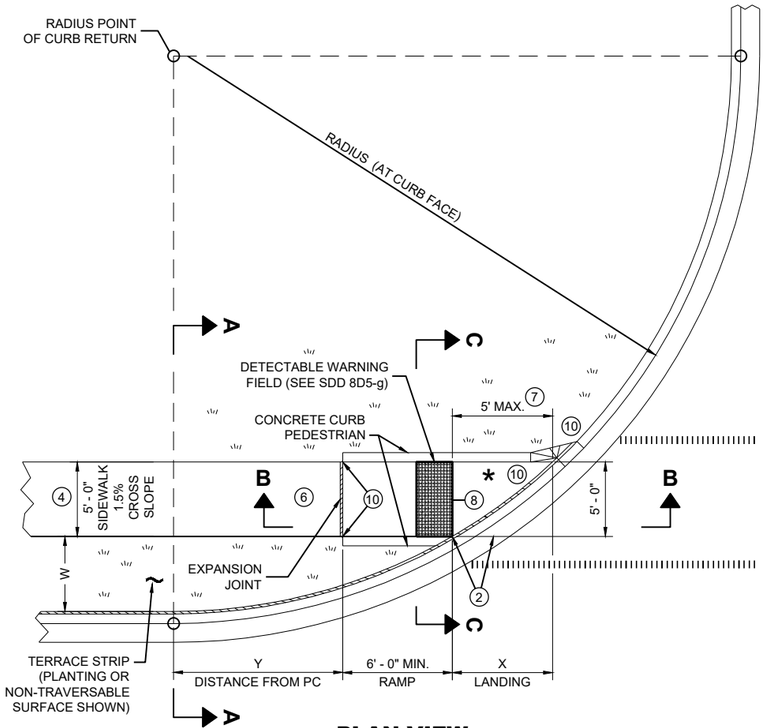


ISOMETRIC VIEW FOR TYPE 4A1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



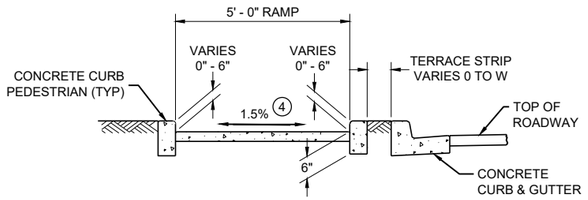
PLAN VIEW
CURB RAMP TYPE 4B

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 1/4"	0' - 5"	2' - 1"	1' - 4 1/2"	1' - 5"	2' - 1"	0' - 10"	2' - 7 1/2"	0' - 3 1/4"	3' - 0 1/4"						
15 FEET	4' - 6 3/4"	2' - 1 3/4"	3' - 9"	3' - 5 3/4"	3' - 1 1/4"	4' - 6"	2' - 6 3/4"	5' - 4 1/2"	2' - 1"	6' - 1"	1' - 8"	6' - 8 1/2"	1' - 3 1/4"	7' - 2 1/2"	0' - 10 3/4"	7' - 7 1/4"
20 FEET			4' - 11 1/2"	5' - 1 3/4"	4' - 3 1/4"	6' - 5 1/2"	3' - 8 3/4"	7' - 7"	3' - 3"	8' - 6 1/2"	2' - 10"	9' - 4 1/2"	2' - 5 1/2"	10' - 1 1/4"	2' - 1 1/4"	10' - 9"
30 FEET									4' - 10 3/4"	12' - 5 3/4"	4' - 5 1/2"	13' - 7 3/4"	4' - 0 3/4"	14' - 8 1/2"	3' - 8 1/2"	15' - 8 1/4"
40 FEET															4' - 10 3/4"	19' - 8 1/4"

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)



SECTION C - C FOR TYPE 4B

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.

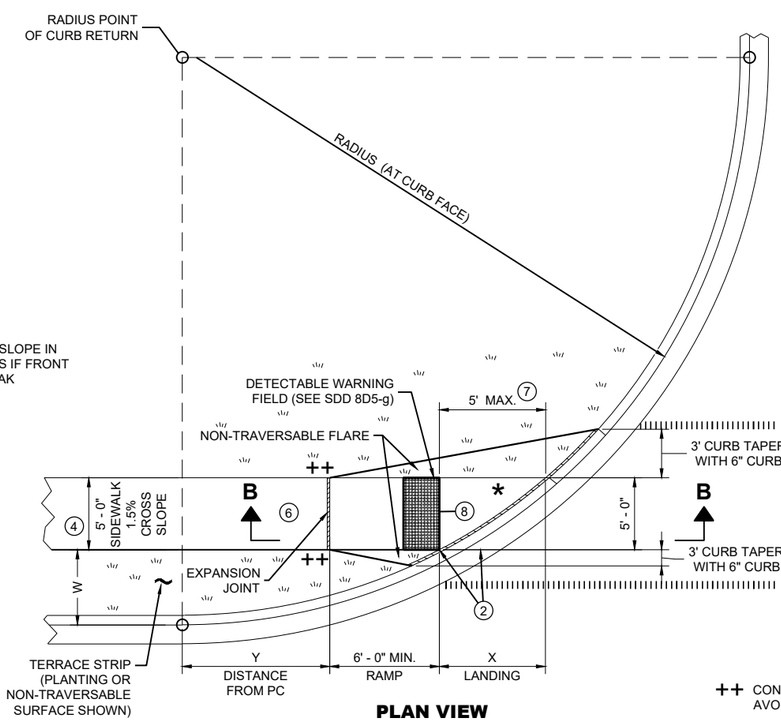
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

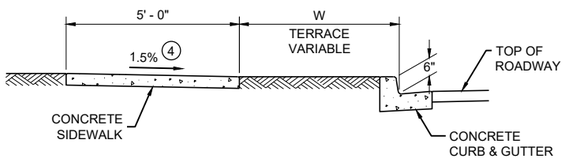
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

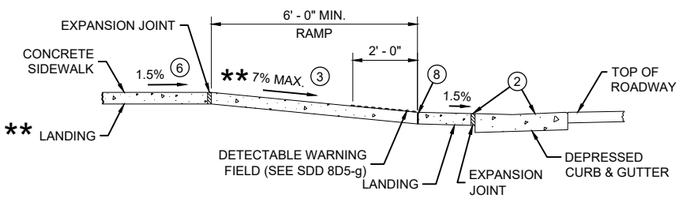
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



PLAN VIEW
CURB RAMP TYPE 4B1



SECTION A - A FOR TYPE 4B

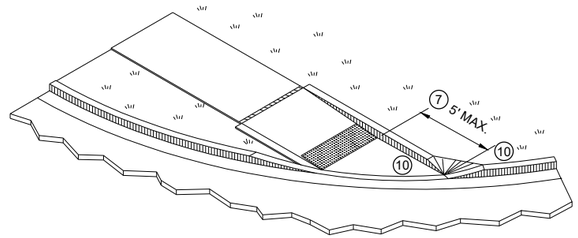


SECTION B - B FOR TYPE 4B AND TYPE 4B1

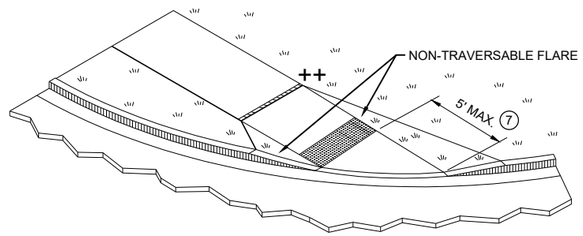
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



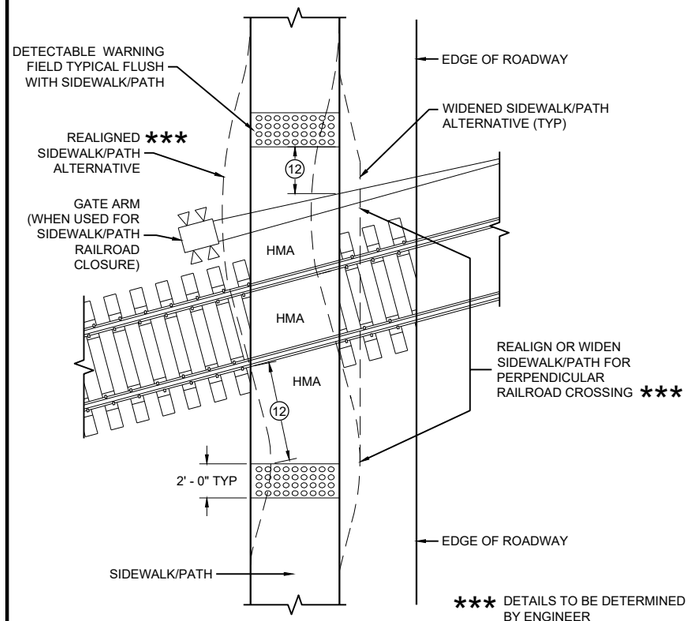
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

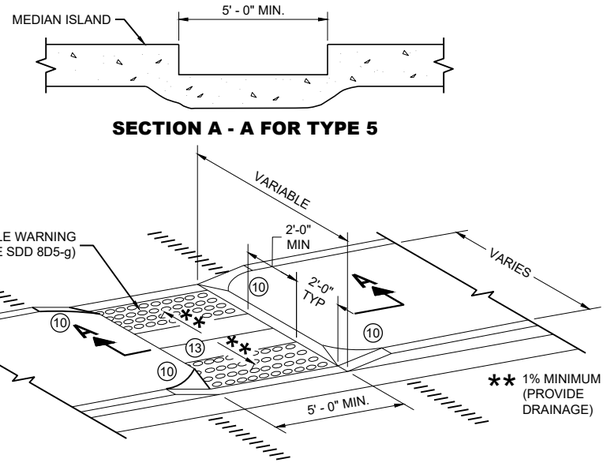
CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



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 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.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

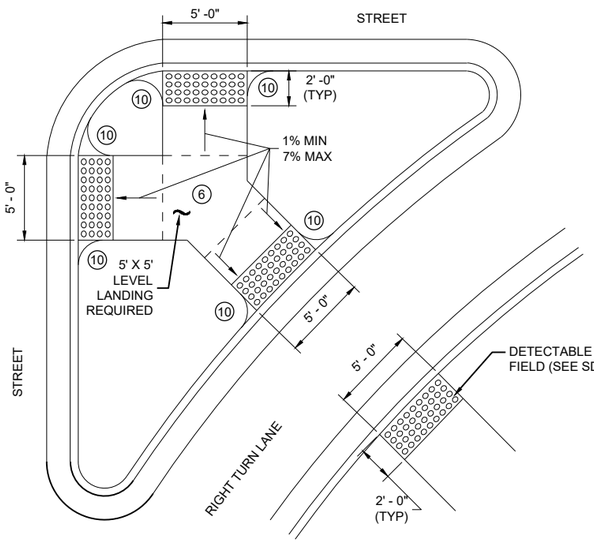
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(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/PATH. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL 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

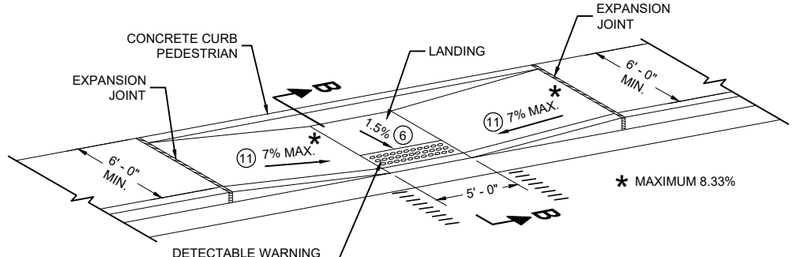
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

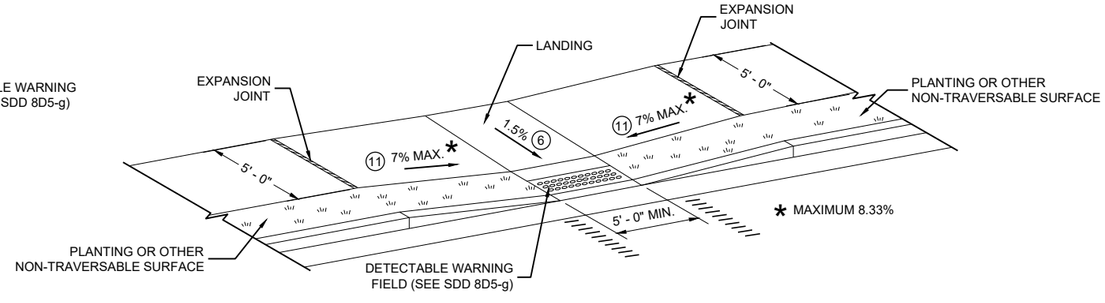
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



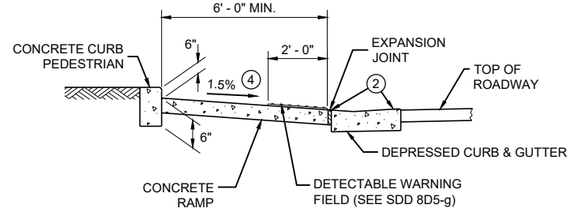
CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS



CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

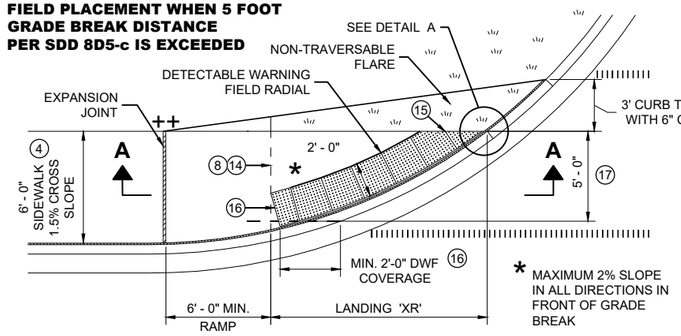


SECTION B - B FOR TYPE 7A

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

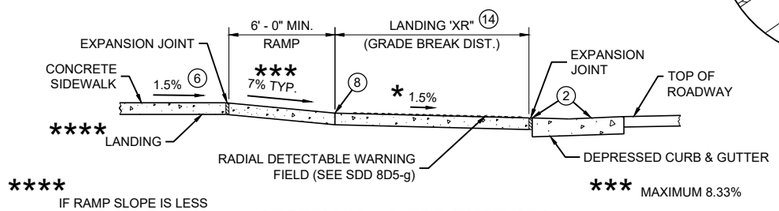
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED

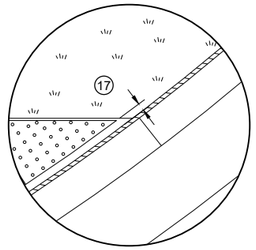


PLAN VIEW

CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



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.

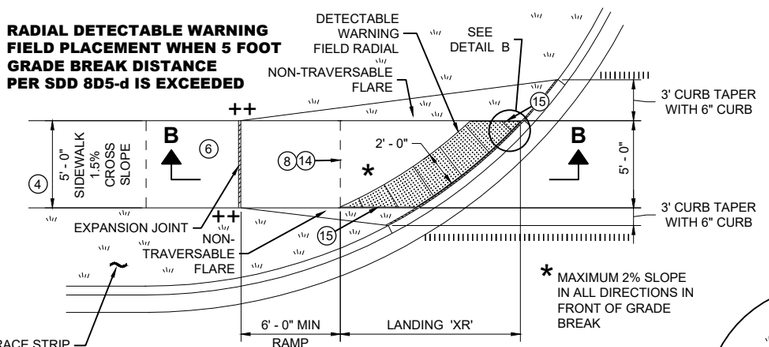
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(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.

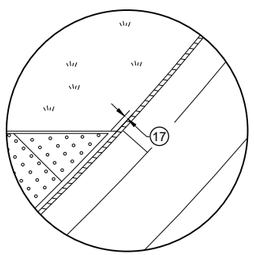
(17) A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

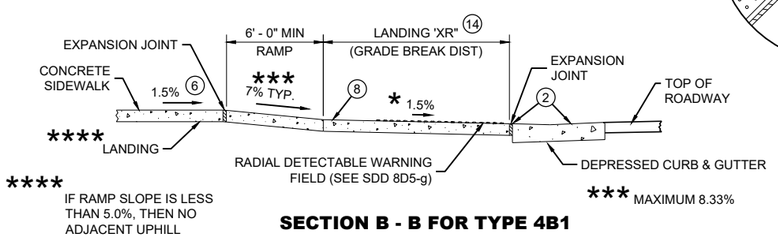


PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

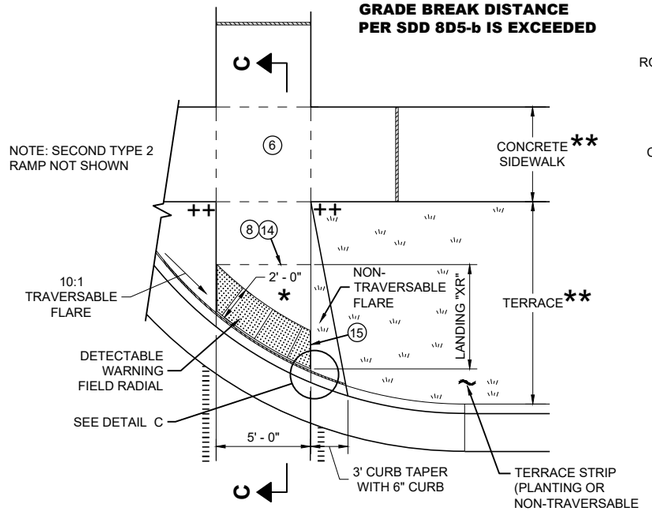


DETAIL B



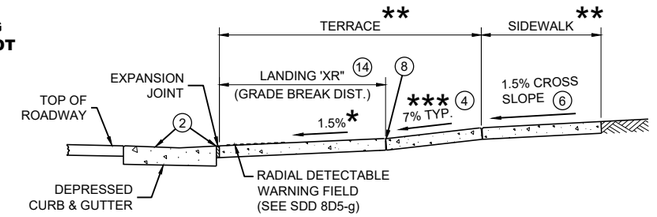
SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

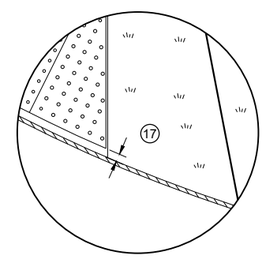


PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



DETAIL C

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS
RADIAL DETECTABLE WARNING

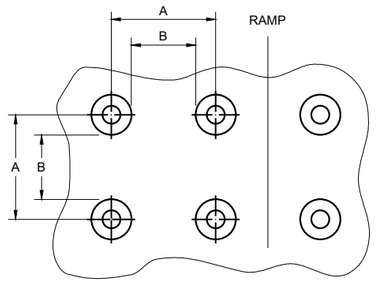
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

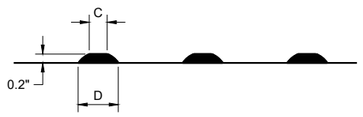
SDD 08D05-21f

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

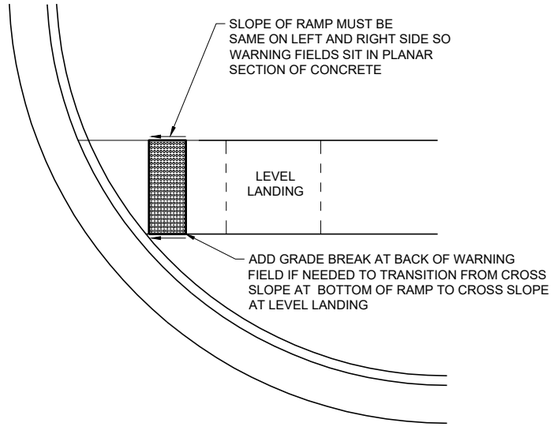
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

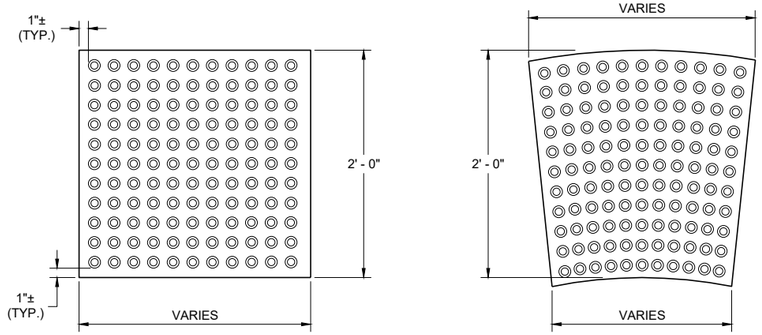
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

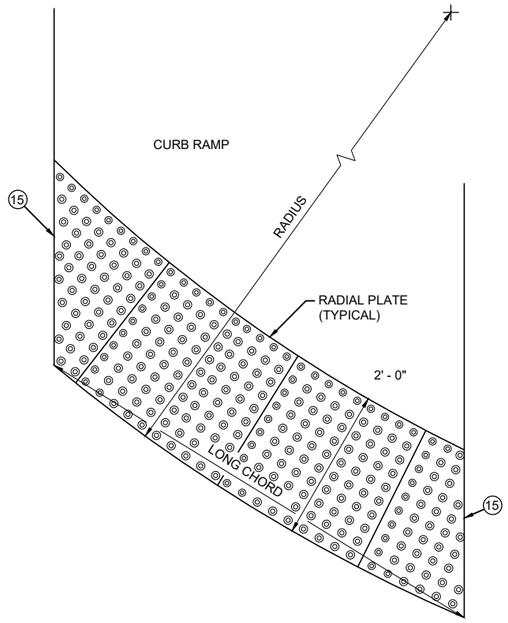
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



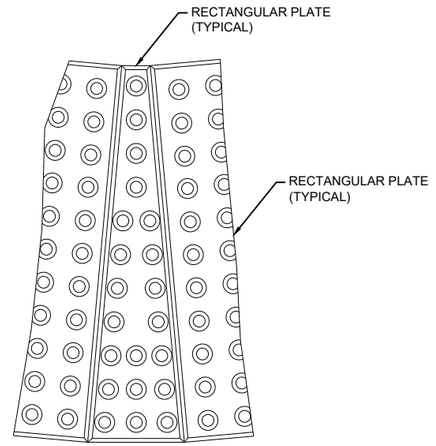
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

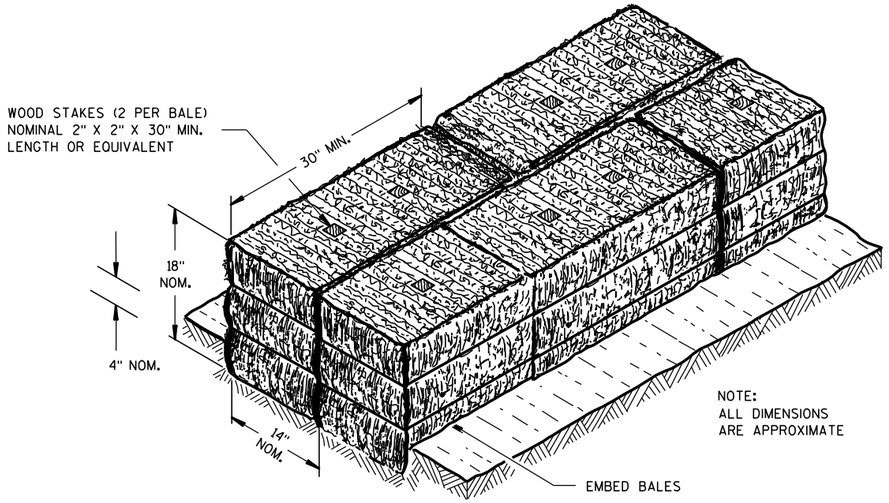
CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

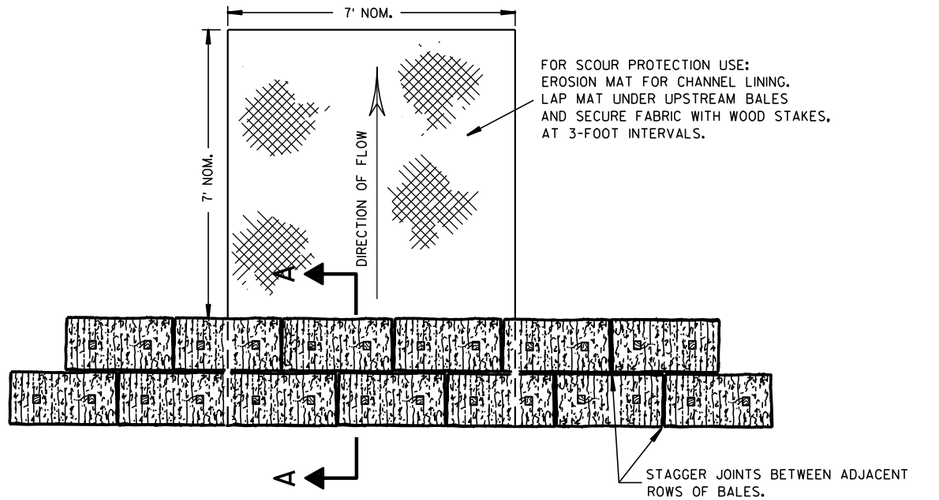
APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

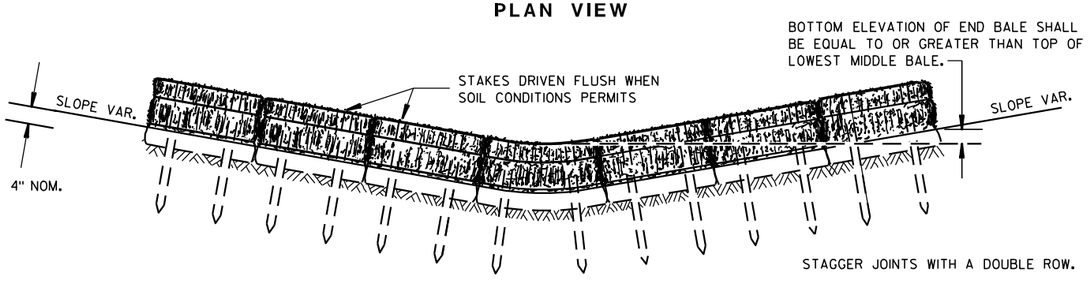
6
SDD 08D05-21g



SECTION A-A



PLAN VIEW



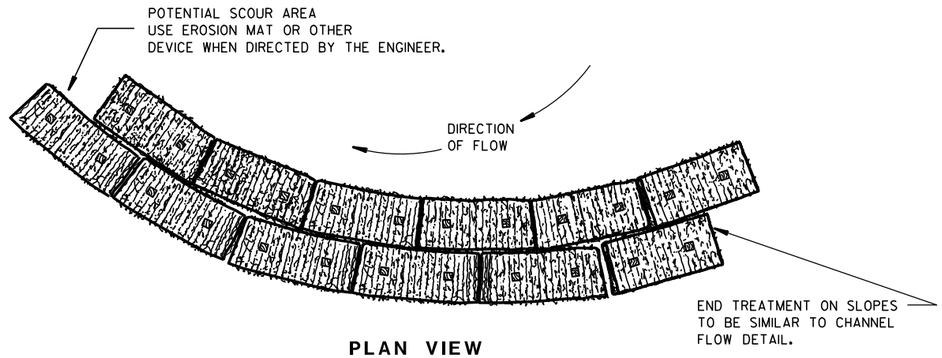
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

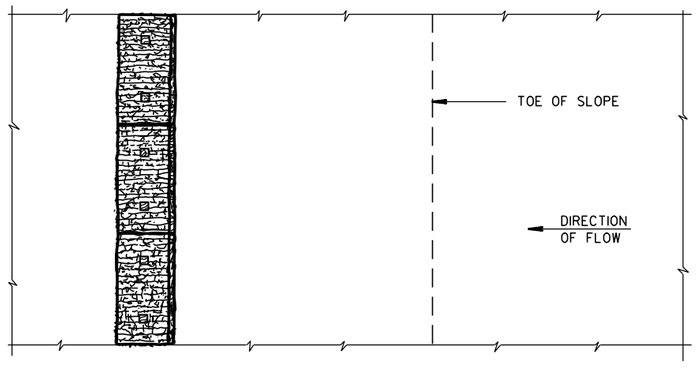
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

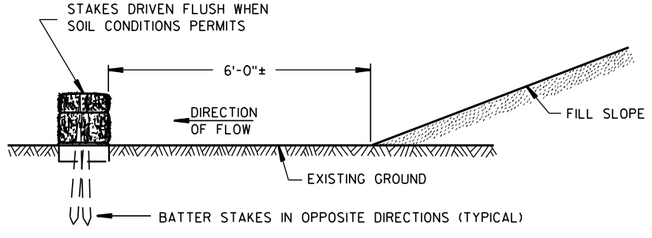


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02 DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

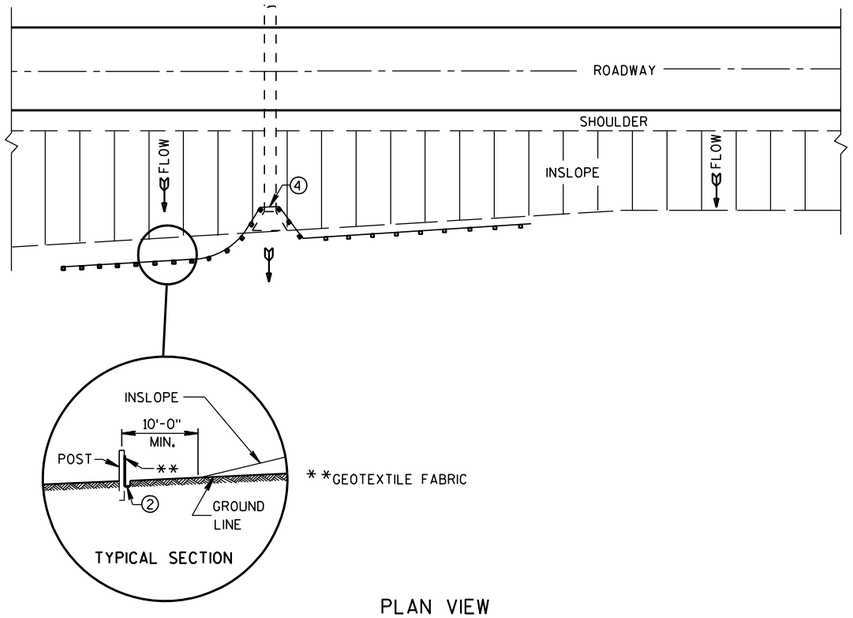
FHWA

6

S.D.D. 8 E 8-3

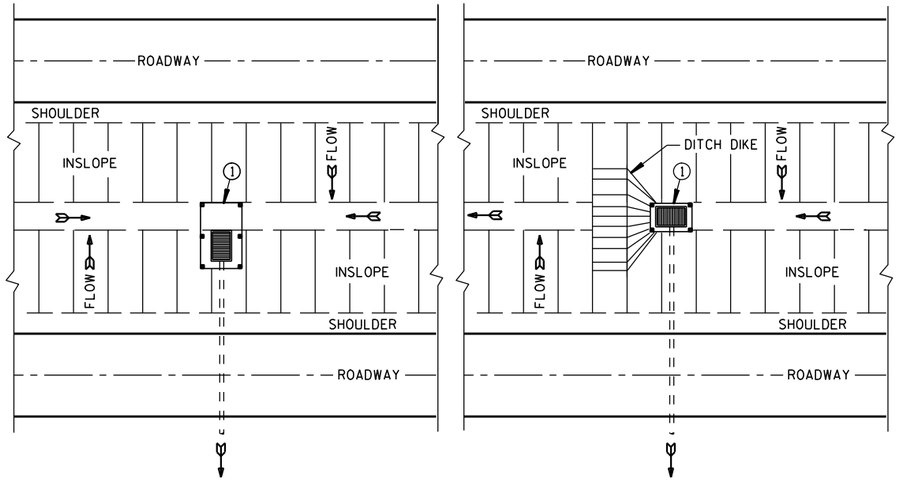
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



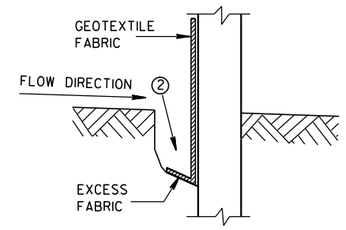
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

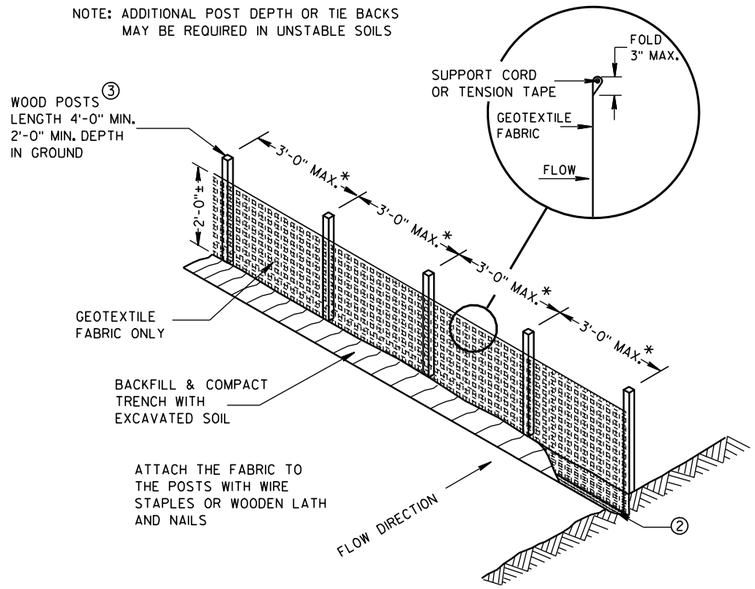
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

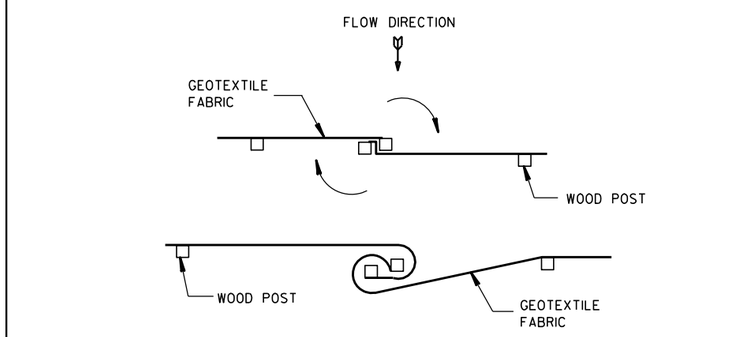
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



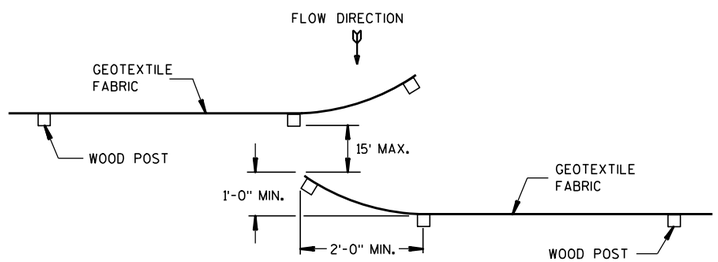
TRENCH DETAIL



SILT FENCE

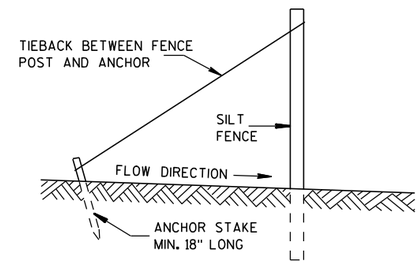


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

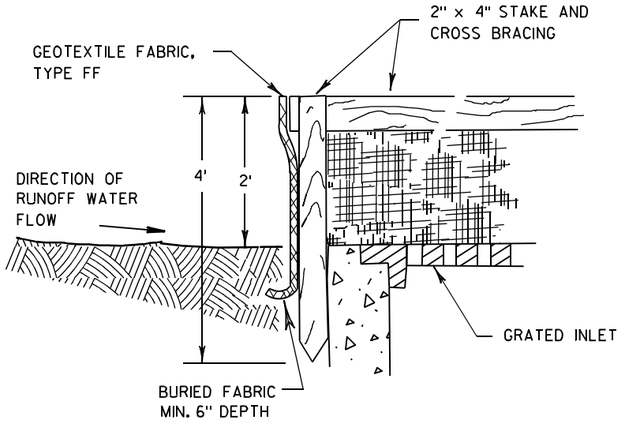
290

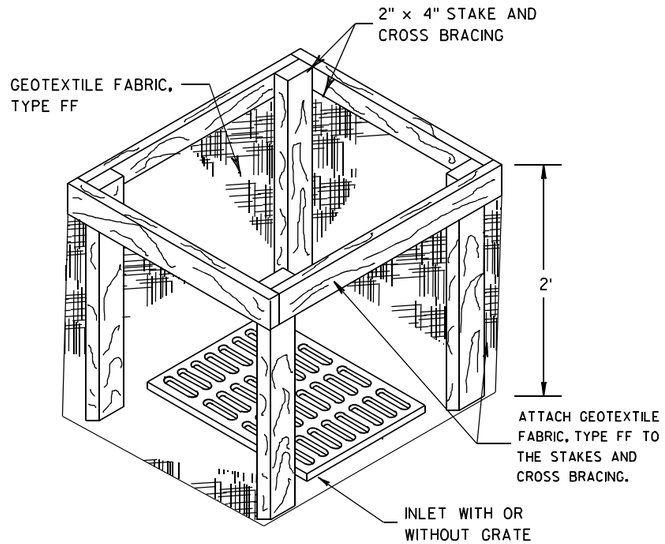
6

S.D.D. 8 E 9-6

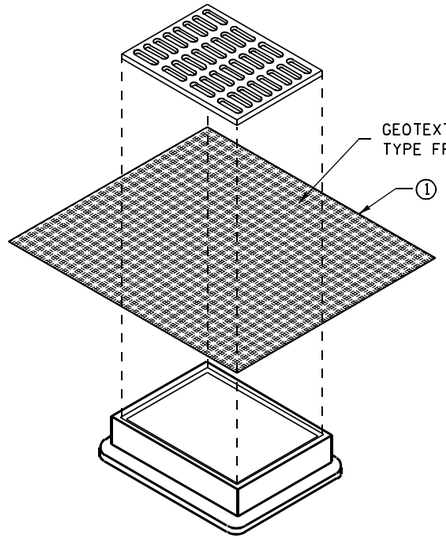
6

S.D.D. 8 E 9-6



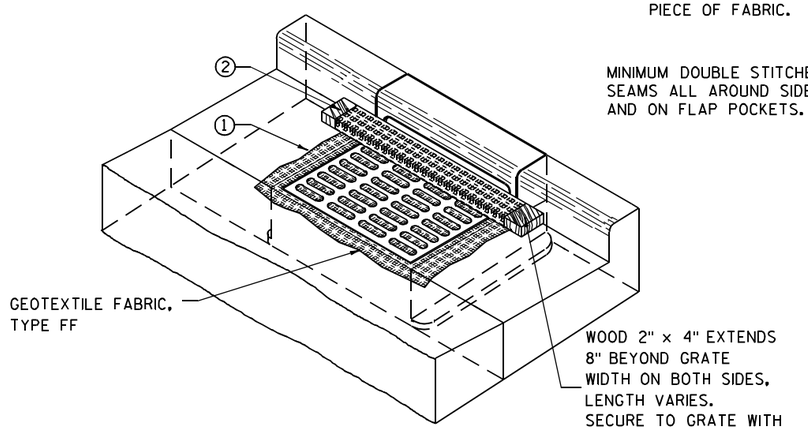


INLET PROTECTION, TYPE A

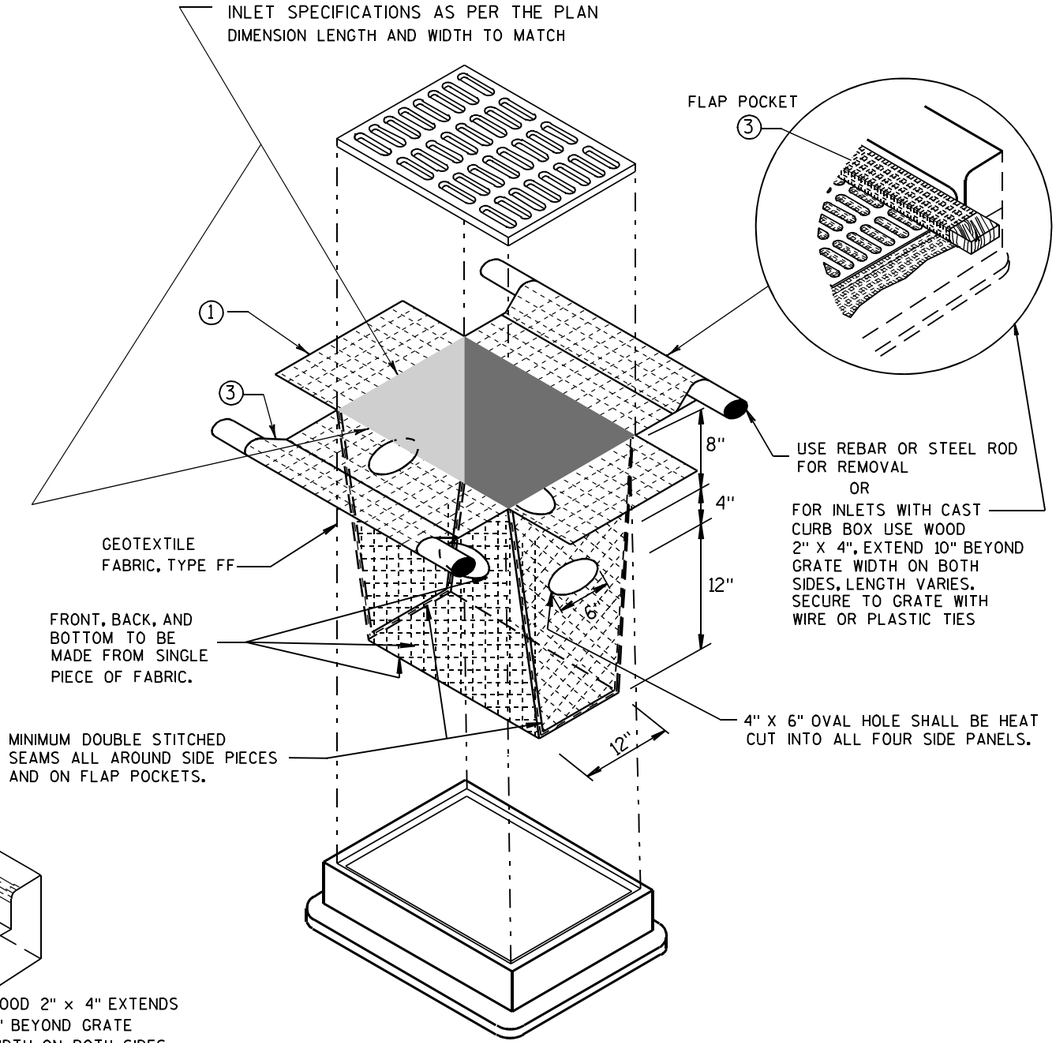


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

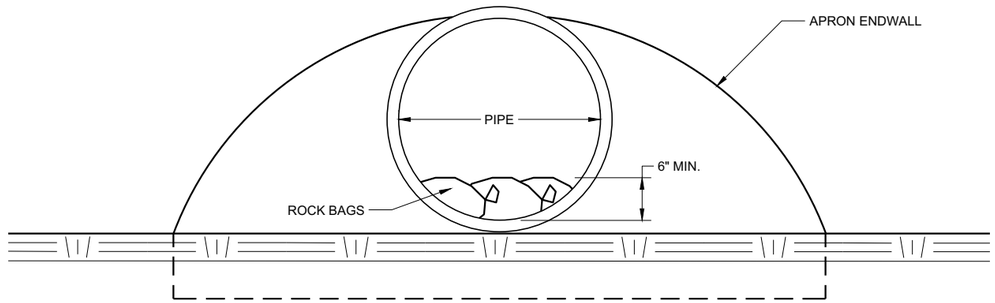
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

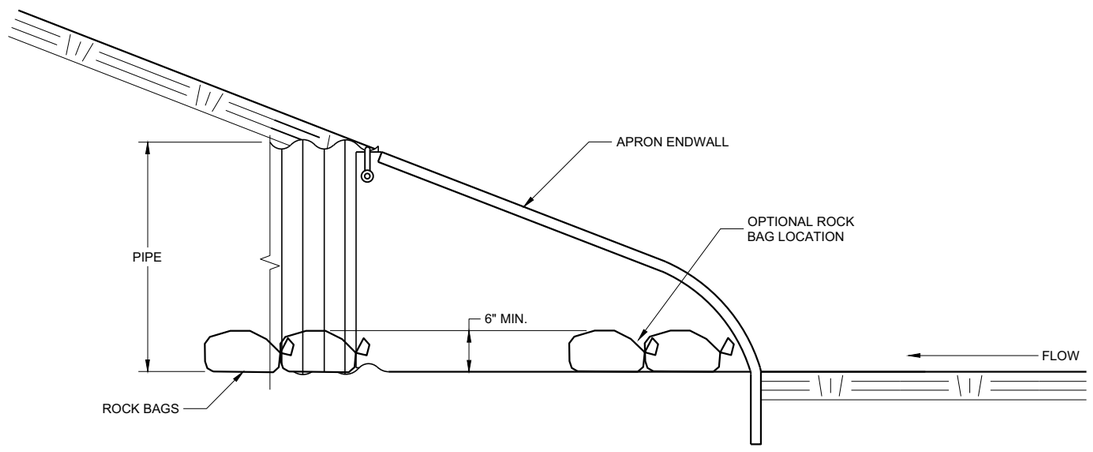
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

6

SDD 08E15 - 01

6

SDD 08E15 - 01

METAL APRON ENDWALLS

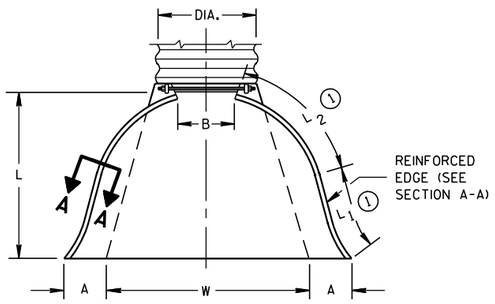
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

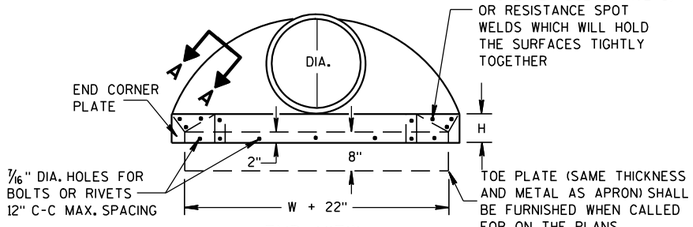
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

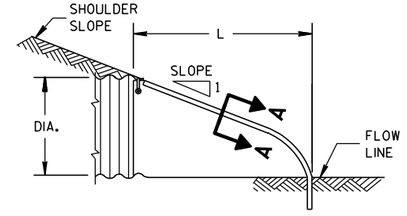
*MINIMUM
**MAXIMUM



PLAN VIEW

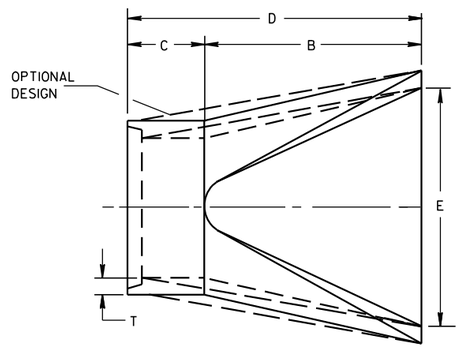


END VIEW

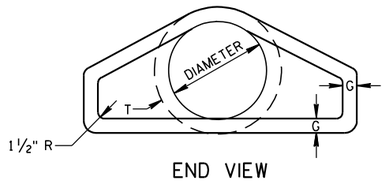


SIDE ELEVATION

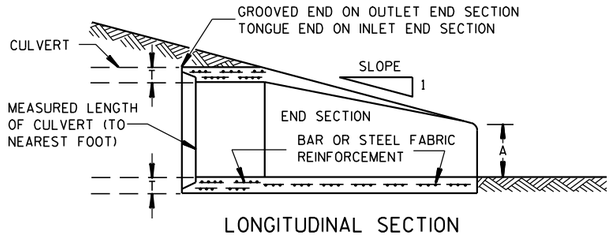
METAL ENDWALLS



PLAN

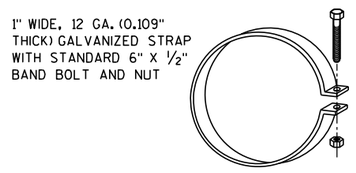


END VIEW



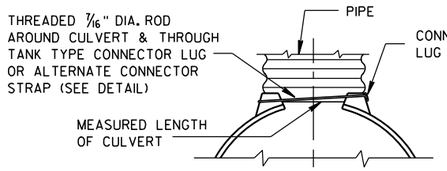
LONGITUDINAL SECTION

CONCRETE ENDWALLS

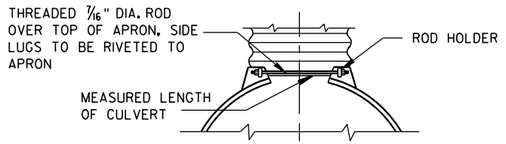


ALTERNATE FOR TYPE 1 CONNECTION

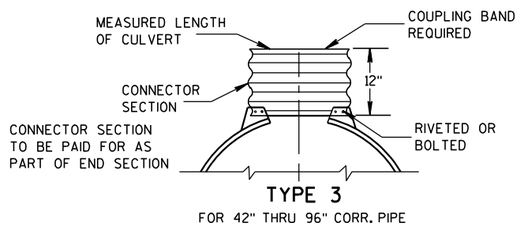
END SECTION CONNECTOR STRAP



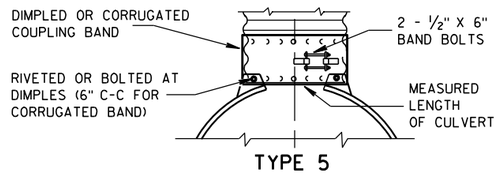
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

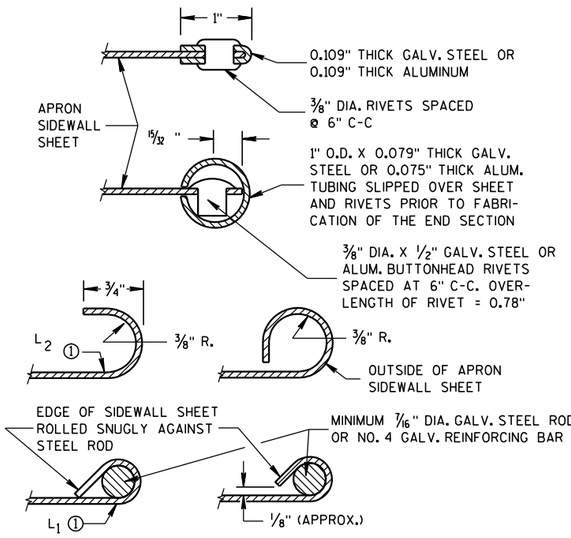
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

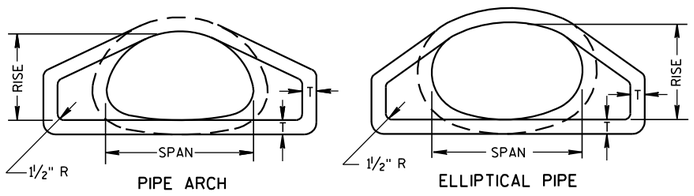
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

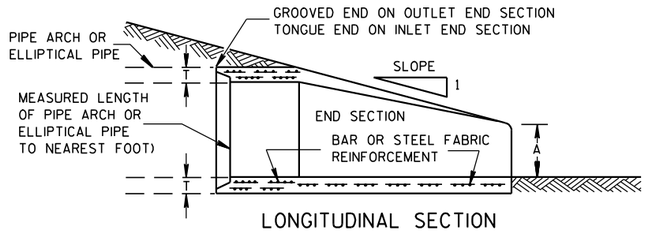
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 F 1-11



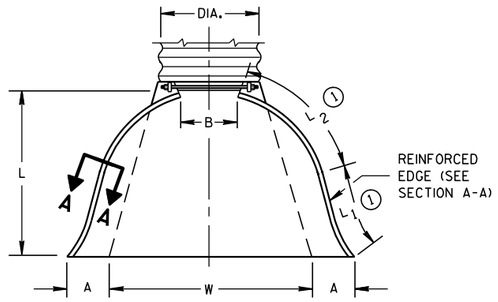
END VIEW



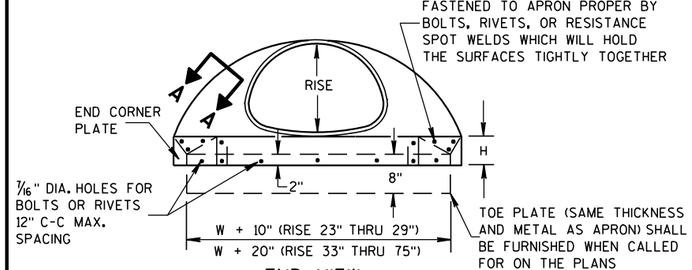
LONGITUDINAL SECTION

PLAN VIEW

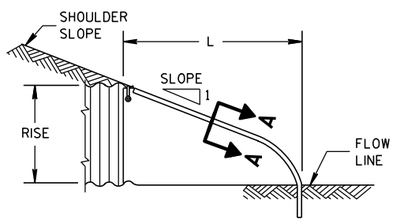
CONCRETE ENDWALLS



PLAN VIEW

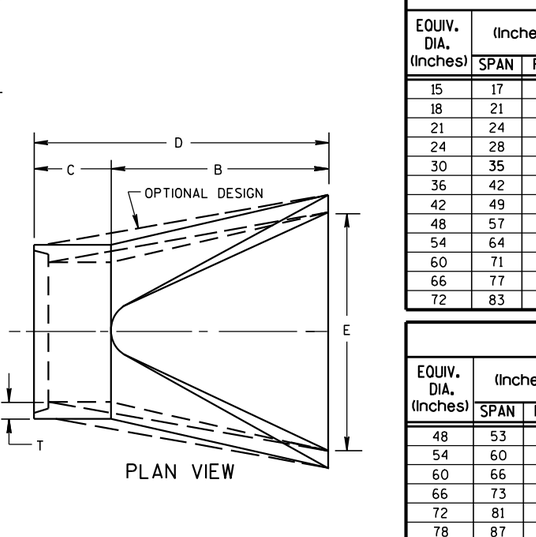


END VIEW



SIDE ELEVATION

METAL ENDWALLS



SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19⅜	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37⅝	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45⅜	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

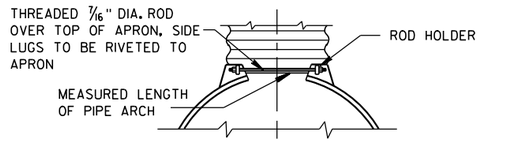
REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15 13/16	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE

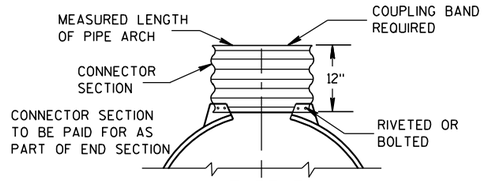
EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

**NOMINAL SIZE



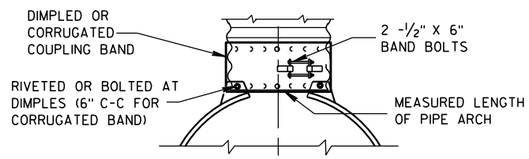
TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH



TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH



TYPE 5

ALTERNATE FOR:

ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

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 APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH 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 ARCH 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 77" X 52" THROUGH 112" X 75" 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 ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/94 — DATE

/S/ Rory L. Rhinesmith — CHIEF ROADWAY DEVELOPMENT ENGINEER

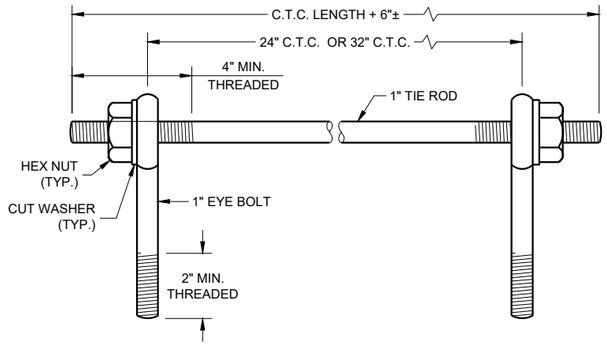
FHWA

6

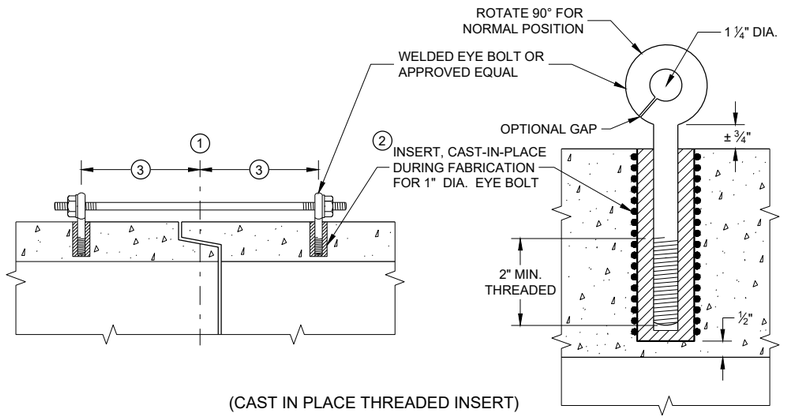
S.D.D. 8 F 2-1

6

S.D.D. 8 F 2-1



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.

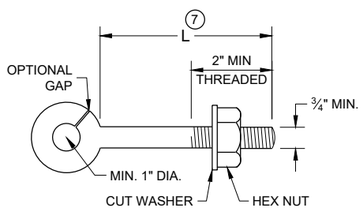
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

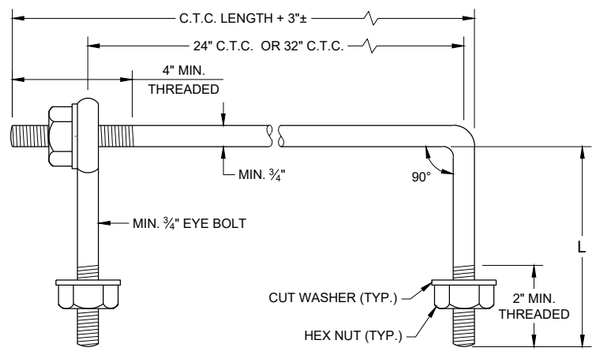
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

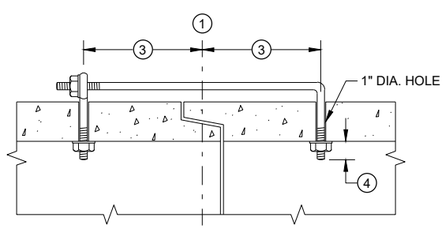


EYE BOLT (7)

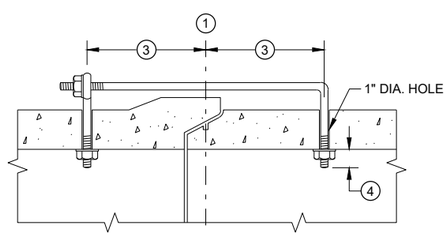
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

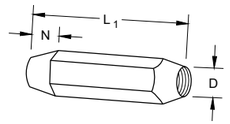
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

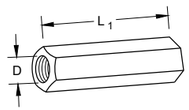
ADJUSTABLE TIE ROD TABLE

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



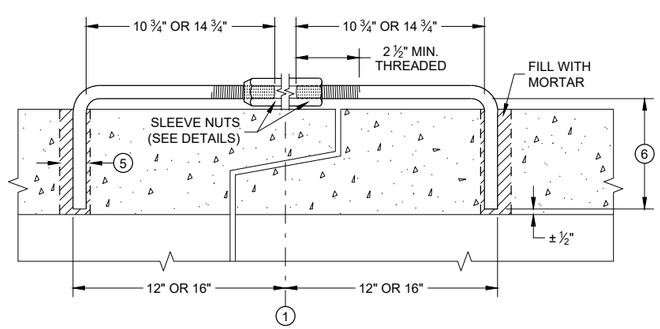
TAPERED



PLAIN

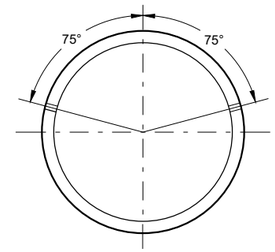
RIGHT AND LEFT THREADS

SLEEVE NUTS



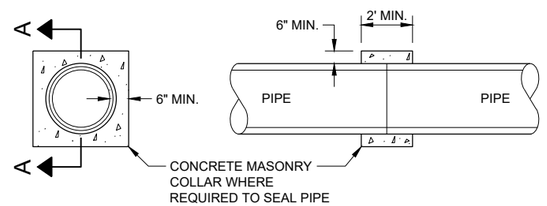
LONGITUDINAL SECTION

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

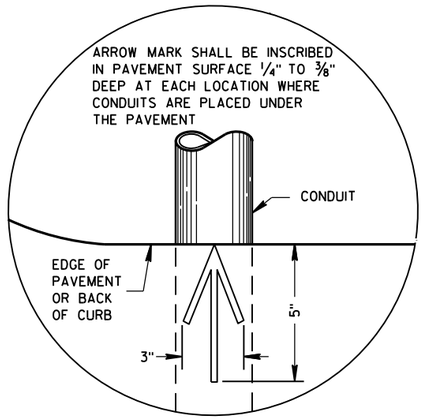
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

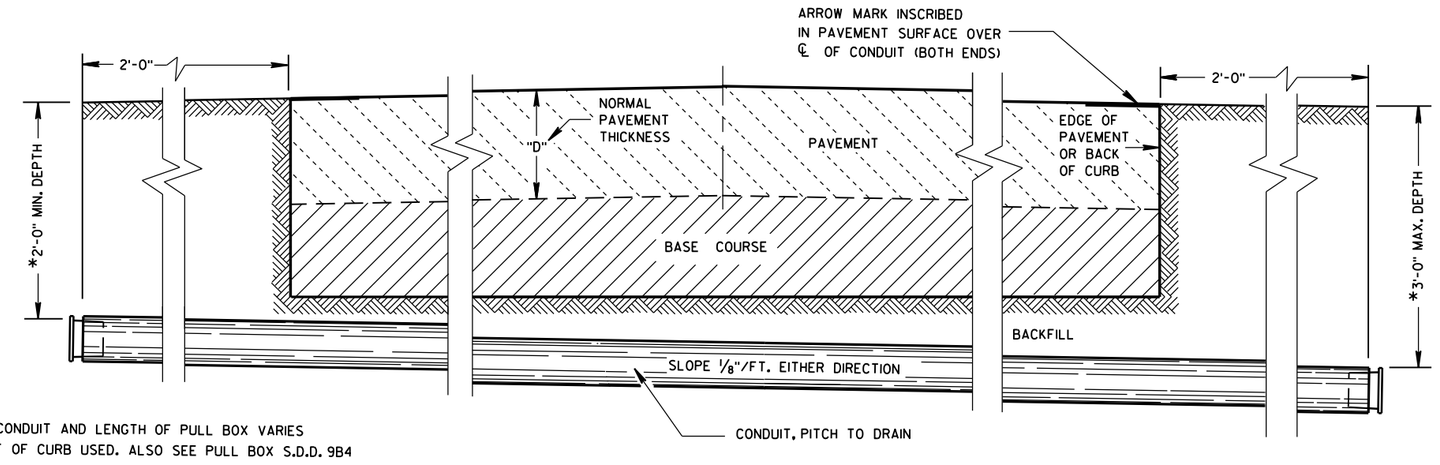
SDD 08F04 - 08

SDD 08F04 - 08



PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

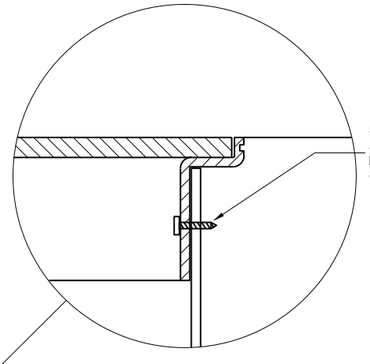
S.D.D. 9 B 2-10

TABLE OF NOMINAL DIMENSIONS
AND WEIGHTS

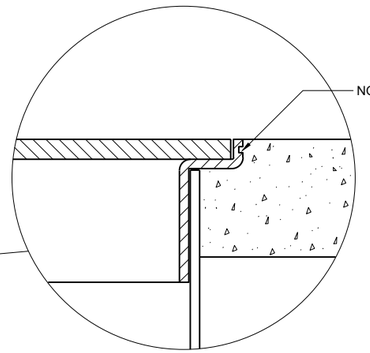
DIMENSION IN INCHES		NON- CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX OVERALL OUTSIDE DIAMETER	B	27	27
BOX LENGTH	C	36	42
FRAME OPENING	D	22 ½	22 ½
WEIGHT IN POUNDS *			
COVER		50	50
BOX ONLY		75	85

*THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE.



INSTALLED IN SOD OR CRUSHED AGGREGATE



INSTALLED IN SIDEWALK

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".

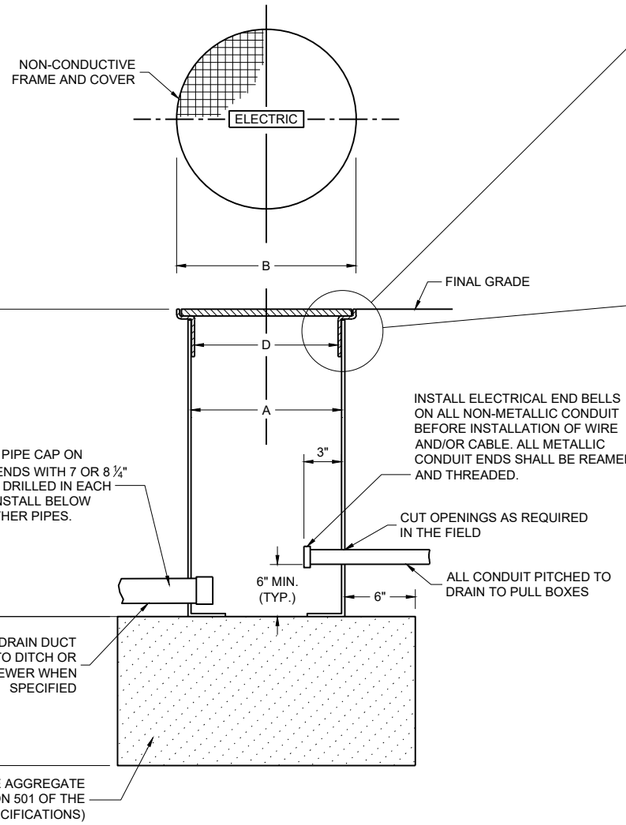
THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

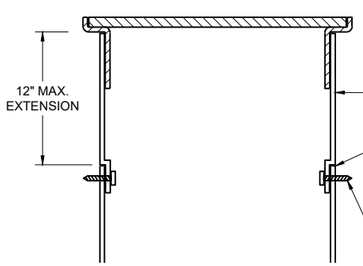
ENTIRE BOX MUST BE CONSTRUCTED OF NON-CONDUCTIVE MATERIALS WITH THE EXCEPTION OF STAINLESS STEEL FASTENERS AND MAGNETIC LOCATABLE DEVICE.

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.

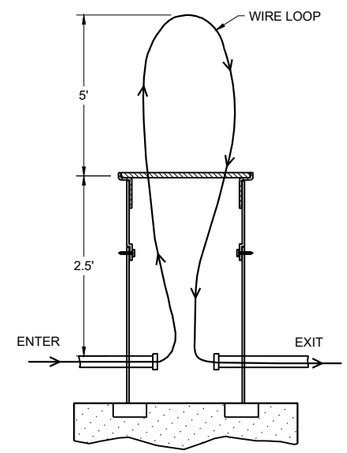
LABEL ON COVER SHALL READ "ELECTRIC" FOR SIGNAL AND LIGHTING SYSTEMS, "WISDOT ITS" FOR COMMUNICATIONS AND ITS EQUIPMENT SYSTEMS.



NON-CONDUCTIVE PULL BOX



BOX EXTENSION



MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX

PULL BOXES NON-CONDUCTIVE

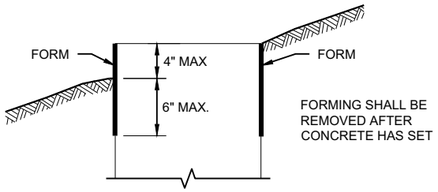
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

6
SDD 09B16-03

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.

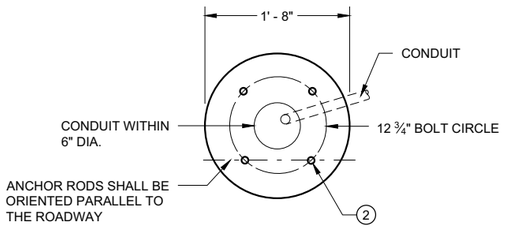
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

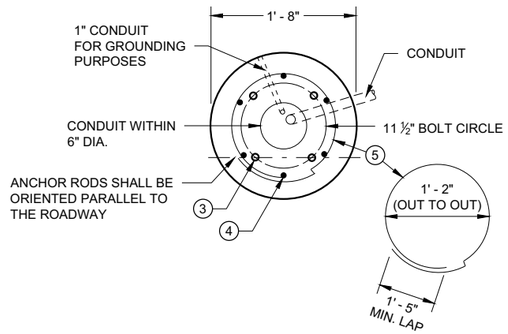
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

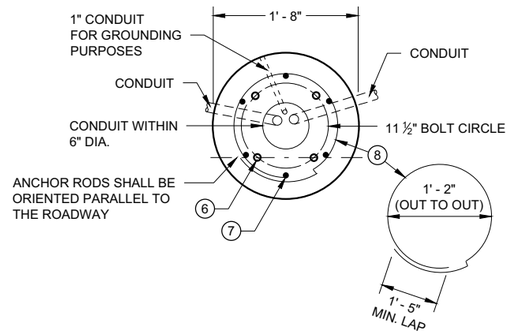
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

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

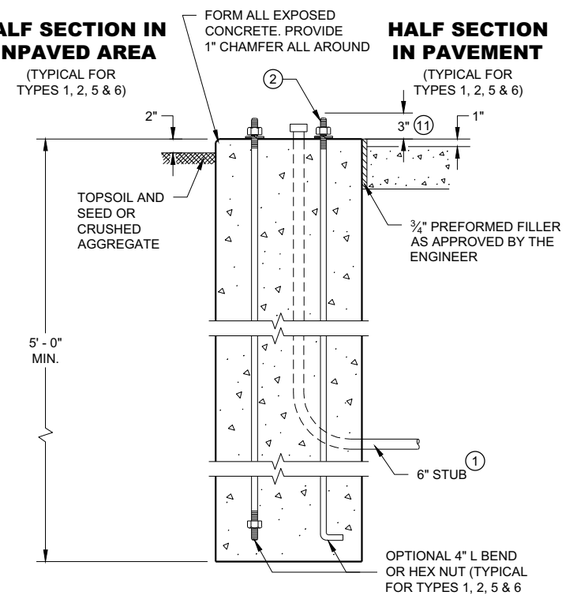
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

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.

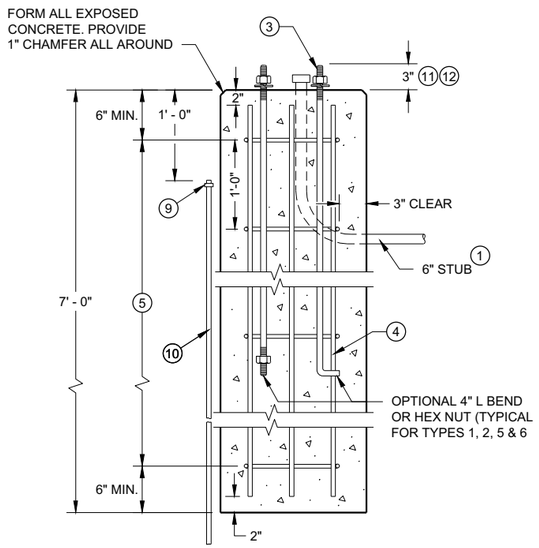
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

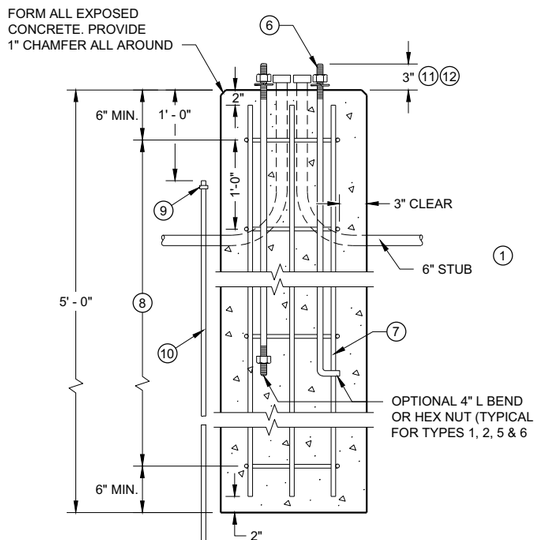
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



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 ENGI 298

FHWA

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

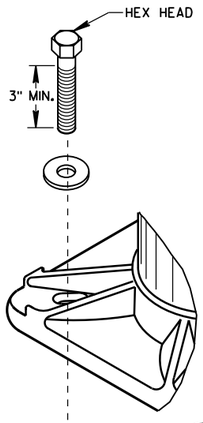
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

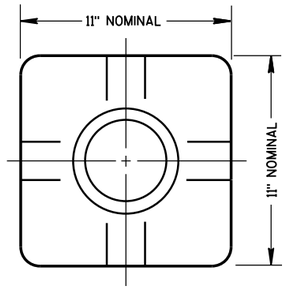
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

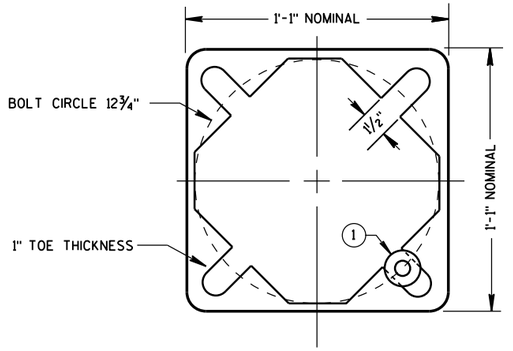
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

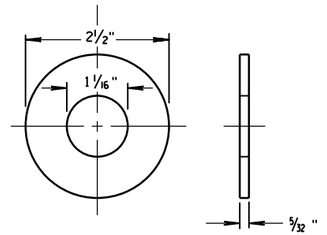




TOP VIEW
(PEDESTAL BASE)

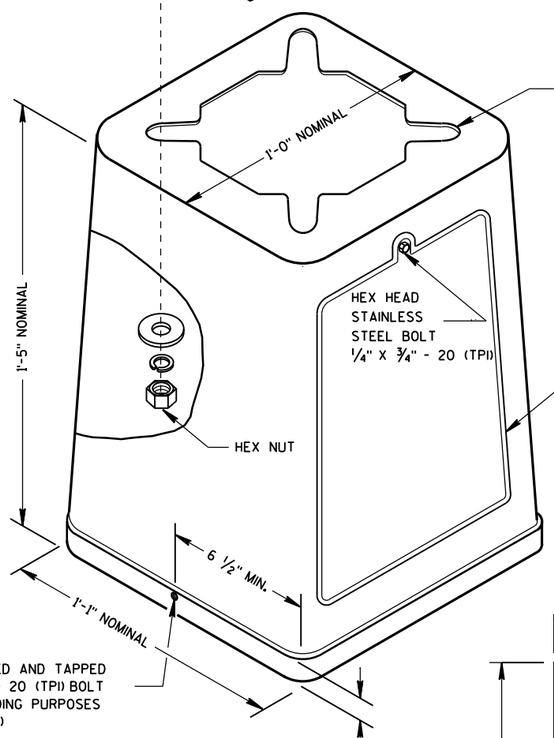


BOTTOM VIEW
(PEDESTAL BASE)

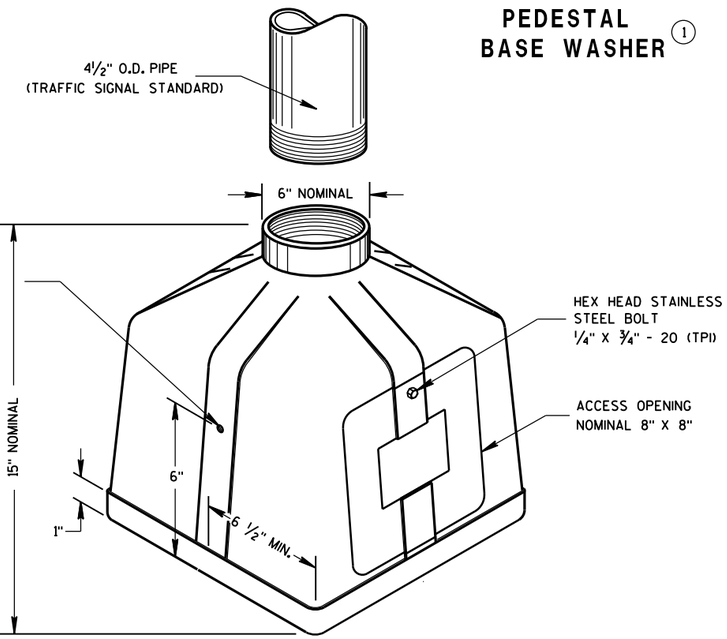


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)

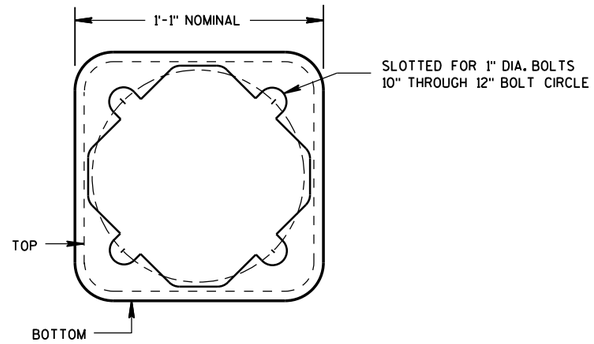


ISOMETRIC VIEW

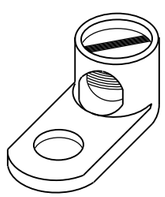


ISOMETRIC VIEW

PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

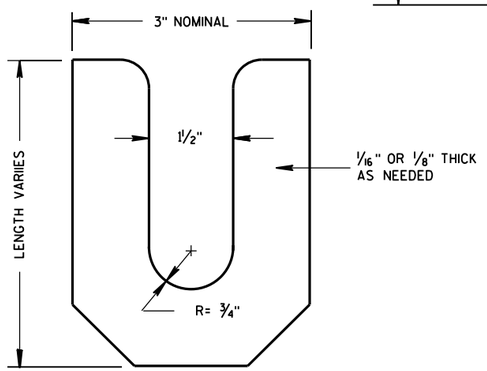


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

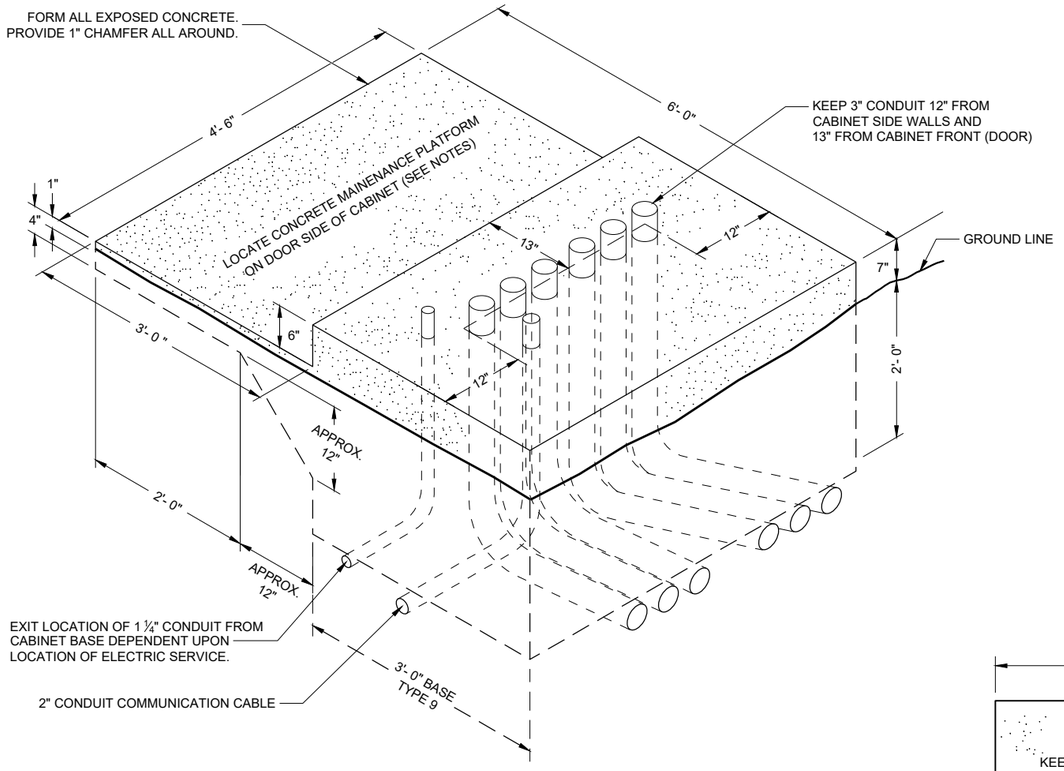
6

S.D.D. 9 C 3-4

6

S.D.D. 9 C 3-4

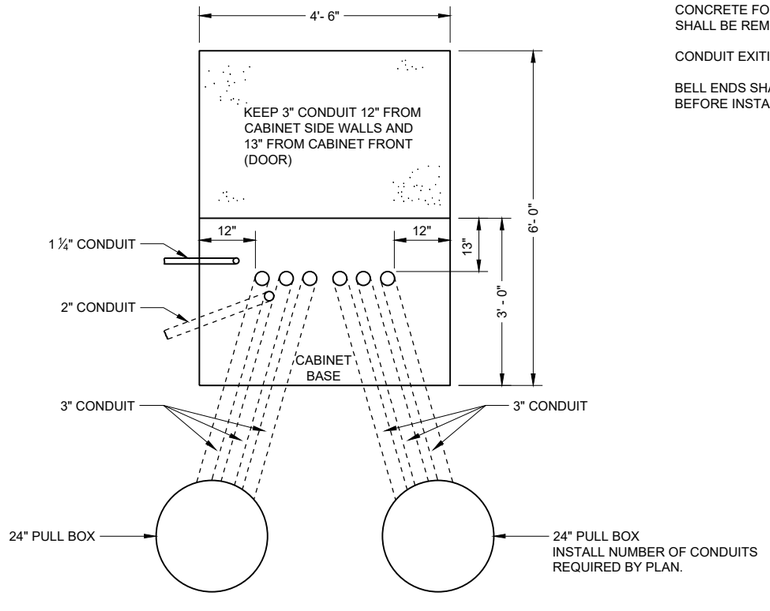
SDD 09C06 Concrete Control Cabinet Base, Type 9, Special



ISOMETRIC VIEW

TYPE 9 SPECIAL

(C.Y. CONCRETE = APPROX. 1.56)



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS WITH A PULLOUT STRENGTH OF 9,000 LBS. TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NON - METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U. L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT EQUALS 6 TIMES THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NON - METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

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

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCHES MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUIT EXITING THE CONCRETE BASE (SIX 3") SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE TYPE 9, SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 300

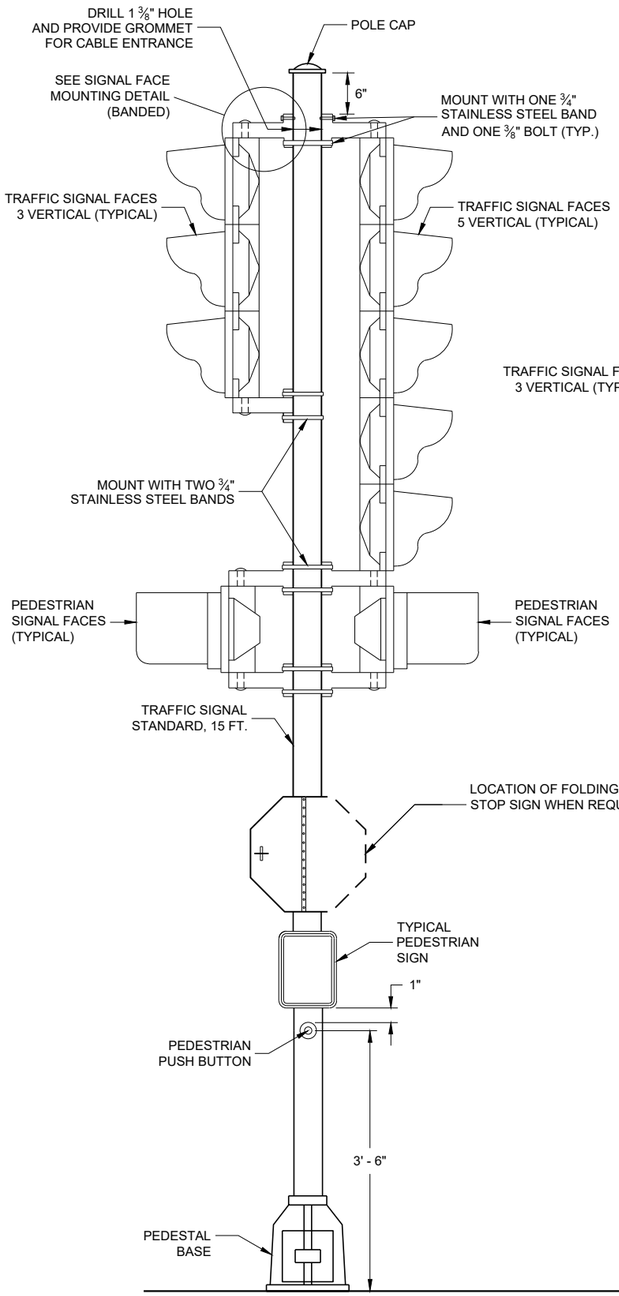
FHWA

6

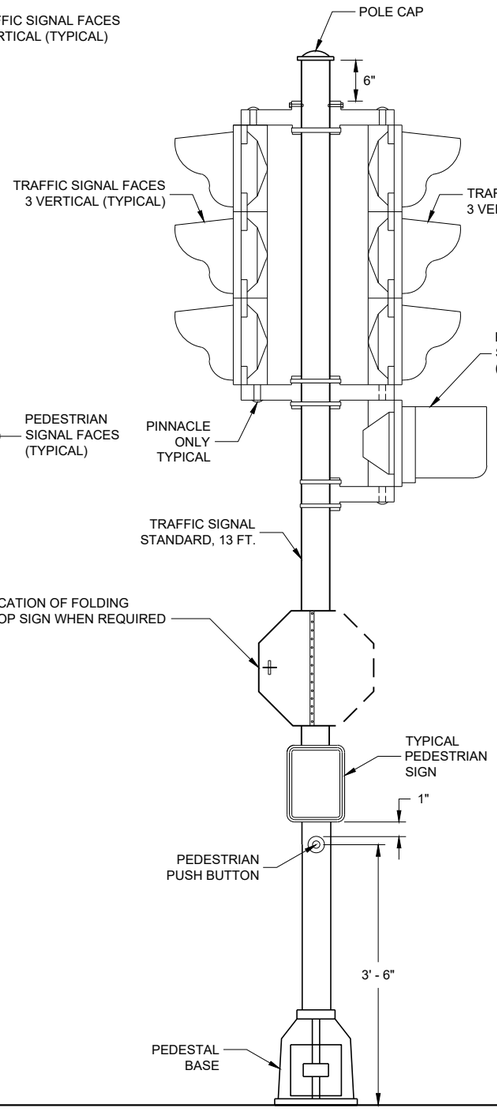
SDD 09C06 - 07

6

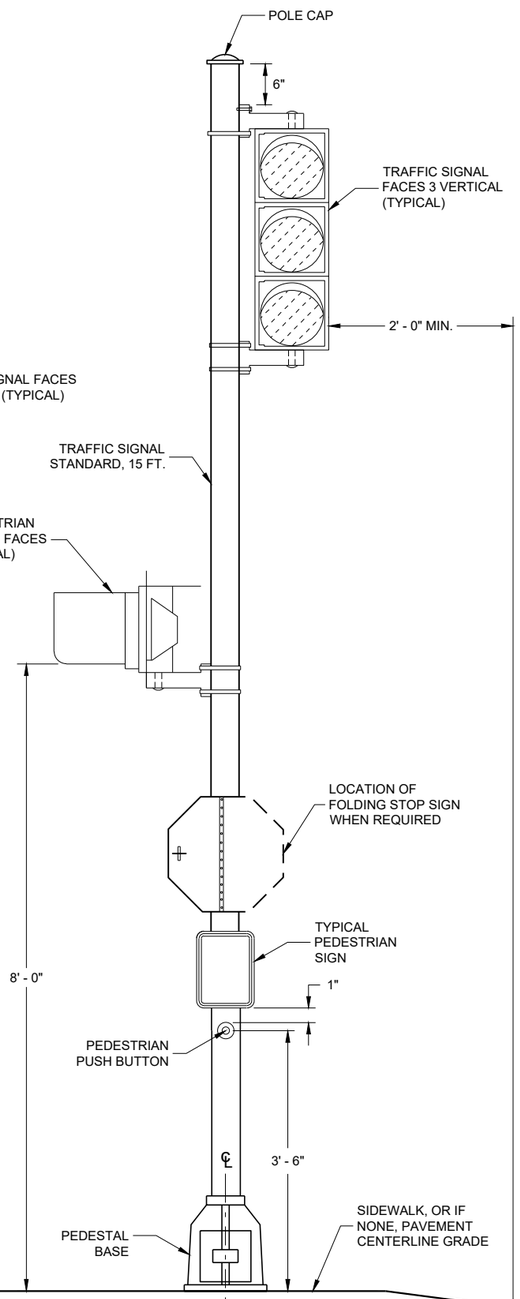
SDD 09C06 - 07



TRAFFIC SIGNAL STANDARD - 15 FT.



TRAFFIC SIGNAL STANDARD - 13 FT.



TRAFFIC SIGNAL TANDARD - 15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLYCARBONATE MOUNTING BRACKETS SHALL BE USED.

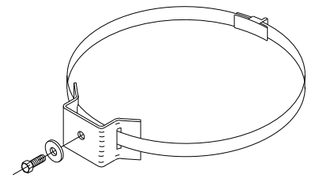
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

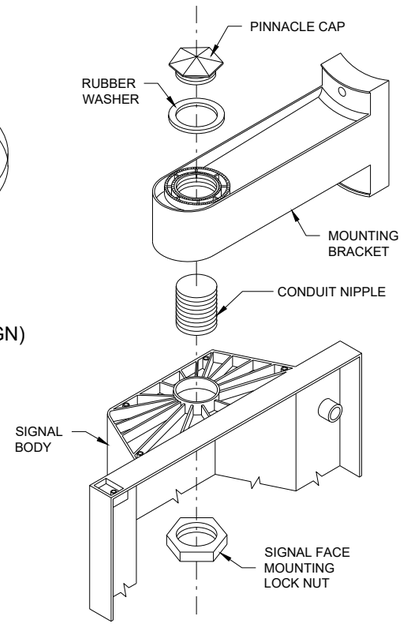
FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) 1/4" X 3/4" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



SIGNAL FACE MOUNTING DETAIL (BANDED)

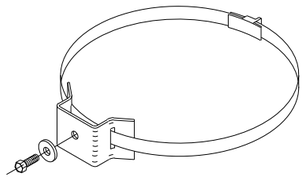
TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

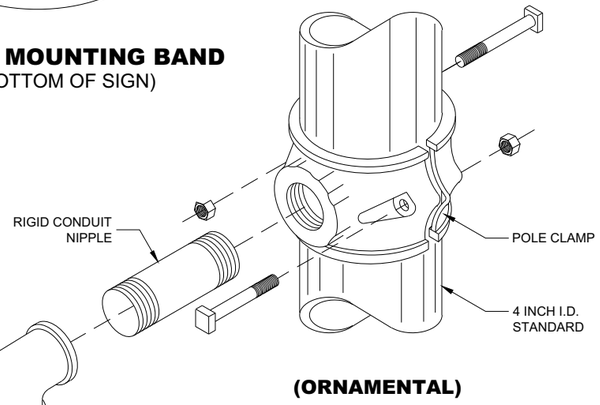
APPROVED
2/28/2013
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 301

FHWA

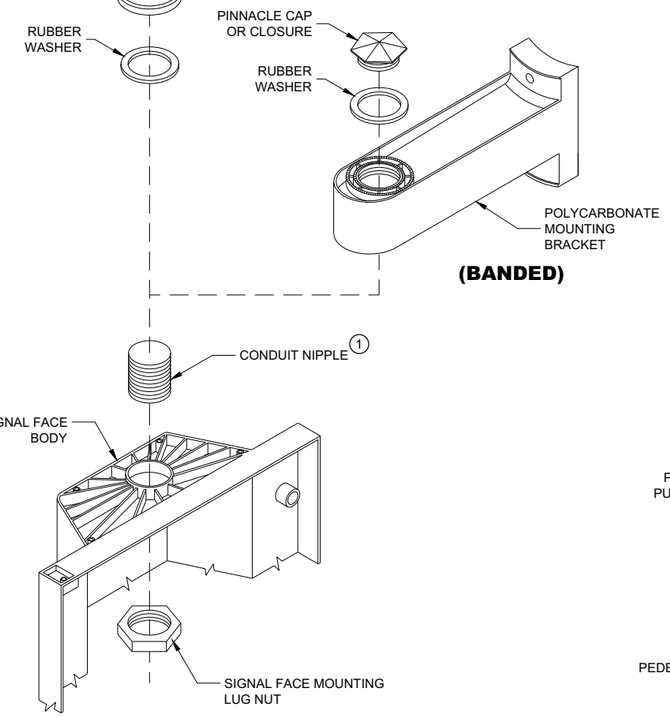
6
SDD 09E06 - 05



TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)

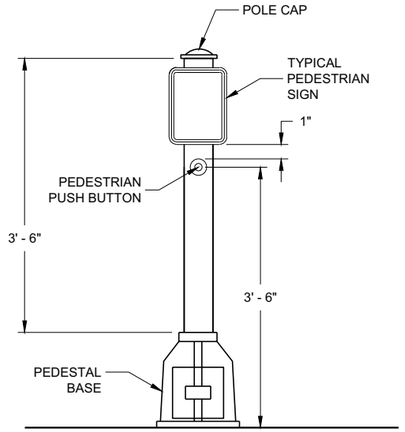


(ORNAMENTAL)



(BANDED)

SIGNAL FACE MOUNTING DETAILS



PEDESTRIAN PUSH BUTTON
TYPICAL MOUNTING

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS, UNLESS APPROVED BY THE ENGINEER IN THE FIELD.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIFICATIONS.

POLYCARBONATE SIGNAL FACE MOUNTING BRACKETS SHALL BE USED UNLESS ORNAMENTAL POLE CLAMPS ARE SPECIFIED.

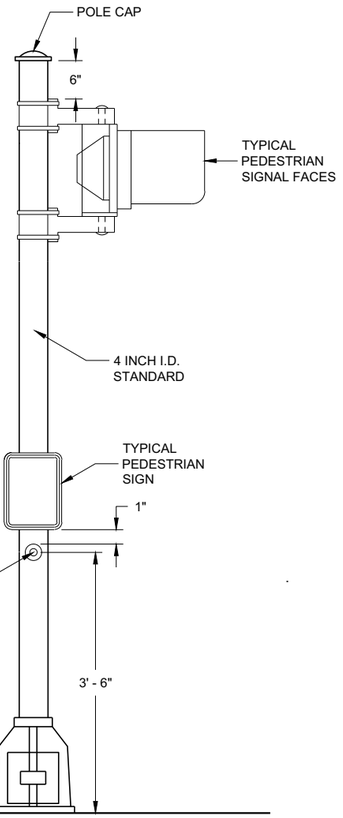
LENGTH OF TRAFFIC STANDARDS SHALL BE AS SHOWN ON THE PLANS.

MOUNTINGS AND BRACKETS SHALL BE AS SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIAL PROVISIONS (BY THE REGION TRAFFIC ENGINEER).

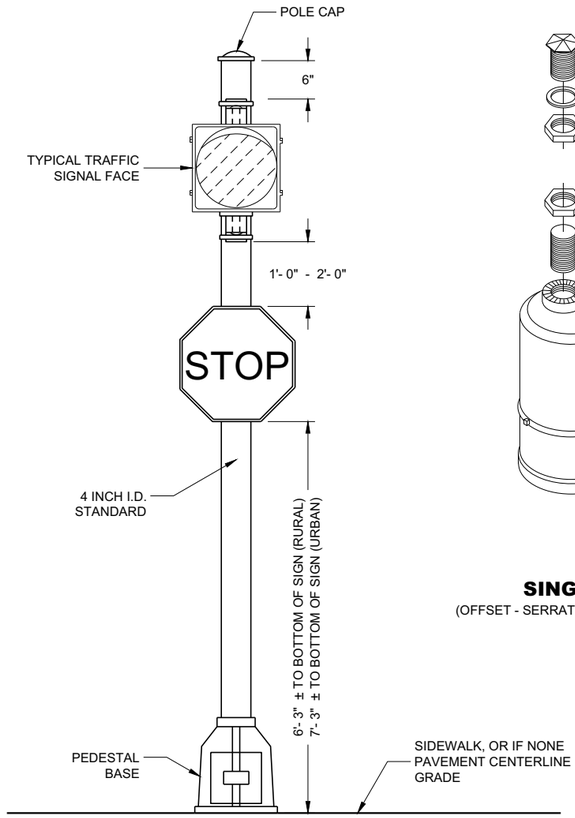
PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

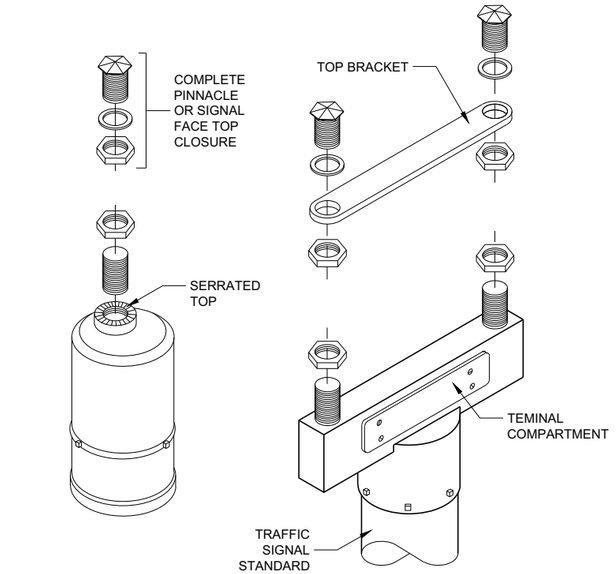
(1) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACESAND BRACKET ENDS.



PEDESTRIAN FACE STANDARD - 10 FT.
(WALK - DON'T WALK)



STANDARD FLASHER
10 FOOT, 13 FOOT OR 15 FOOT AS REQUIRED



SINGLE
(OFFSET - SERRATED MOUNTING)

DOUBLE
(SERRATED MOUNTING)

SLIPFITTERS

TRAFFIC SIGNAL STANDARD
PEDESTRIAN AND FLASHER
TYPICAL MOUNTING DETAILS

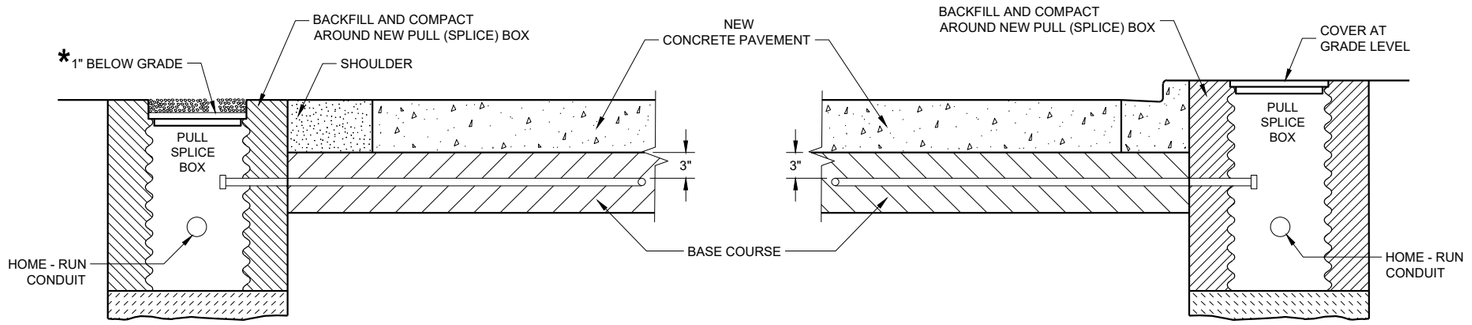
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 302

FHWA

6

SDD 09E07 - 06



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.

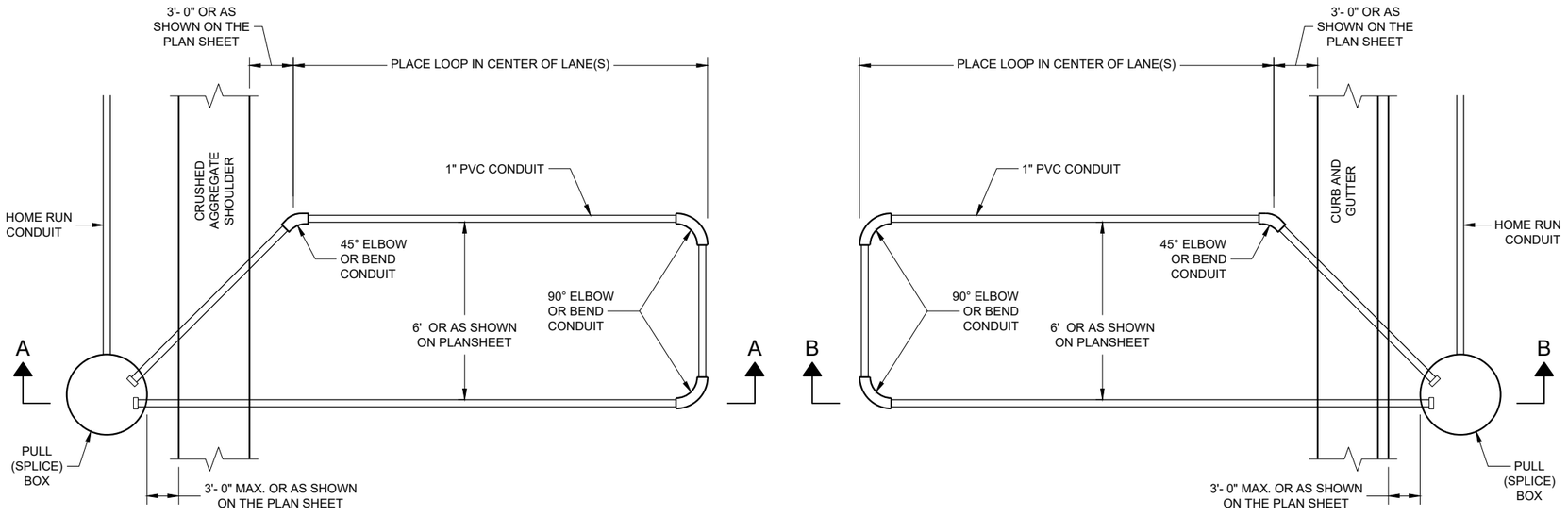
THE #12 AWG LOOP WIRE IN THE ROADSIDE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

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 18" OR 24" PULL (SPLICE) BOX

LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

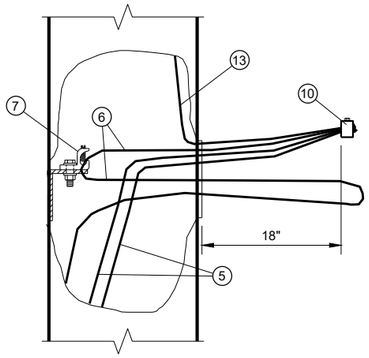
FHWA

6

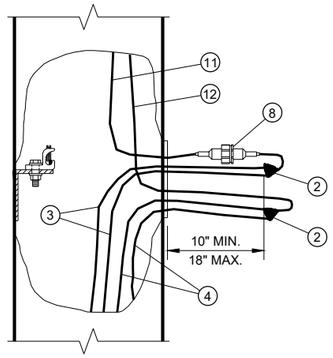
SDD 09F15 - 04a

6

SDD 09F15 - 04a

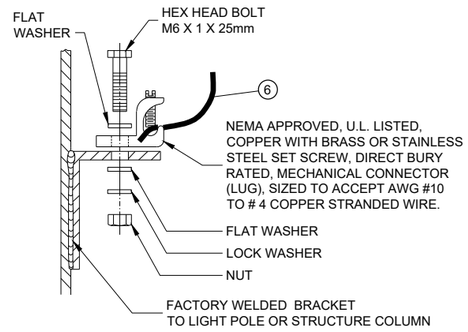


EQUIPMENT GROUNDING CONDUCTOR SLACK



UNGROUNDED CONDUCTOR SLACK (AND GROUNDED NEUTRAL SLACK IN GROUNDED NEUTRAL SYSTEM)

TYPICAL CONDUCTOR SLACK AT HANDHOLES



HANDHOLE GROUNDING LUG

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN IN THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

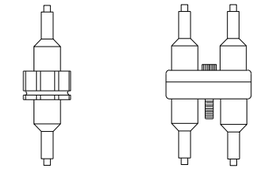
USE THIS DETAIL IN CONJUNCTION WITH THE ELECTRICAL DETAILS FOR THE APPLICATION, WHICH MAY BE A LIGHT POLE, SIGN BRIDGE, ETC.

THE GROUNDING ELECTRODE CONDUCTOR SHALL BE CONTINUOUS WITHOUT SPLICES FROM THE GROUNDING ELECTRODE THROUGH THE HANDHOLE GROUNDING LUG TO THE CONNECTOR.

THREE POLE WIRES ARE SHOWN FOR A SINGLE LUMINAIRE LIGHT POLE. THREE ADDITIONAL POLE WIRES REQUIRED FOR TWIN LUMINAIRE LIGHT POLES ARE OMITTED FROM THE DRAWING FOR CLARITY. IN THE TWIN POLE CASE, BUNDLE EACH SET OF THREE WIRES WITH A NYLON CABLE TIE.

IN 3-PHASE SYSTEMS, THERE WILL BE ONE MORE UNGROUNDED LINE WIRE, WHICH IS OMITTED FROM THE DRAWING FOR CLARITY.

CIRCUIT TAGS SHALL BE INSTALLED ONLY WHERE REQUIRED IN THE SPECIAL PROVISIONS.



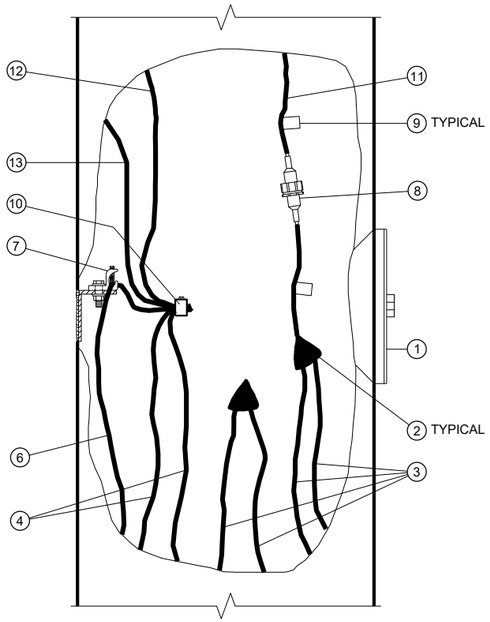
1 POLE (1P) 2 POLE (2P)

FUSE ASSEMBLIES

CONDUCTOR COLOR CODES

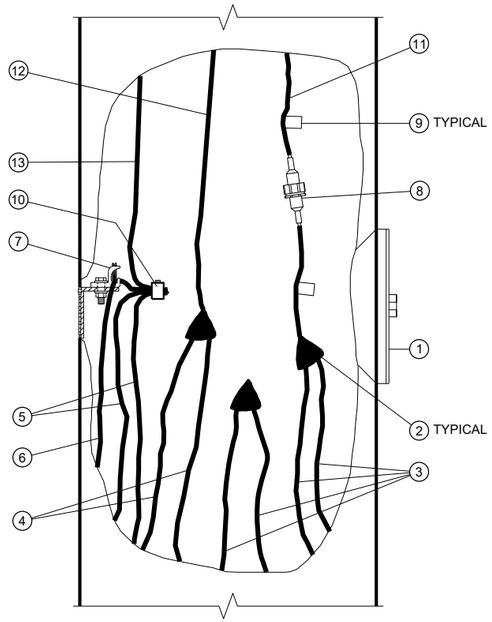
KEY	CONDUCTOR	COLOR
3	UNGROUNDED LINE WIRE	*
4	GROUNDED LINE WIRE	WHITE
5	SYSTEM GROUNDING LINE WIRE	GREEN
6	GROUNDING ELECTRODE CONDUCTOR	BARE
11	UNGROUNDED POLE WIRE	*
12	GROUNDED POLE WIRE	WHITE
13	EQUIPMENT GROUNDING POLE WIRE	GREEN

* FOLLOW COLOR CODING SHOWN IN THE PLANS. WHERE THE PLANS DO NOT SHOW COLOR CODING, USE BLACK FOR SINGLE LUMINAIRE POLES; BLACK AND RED FOR TWIN LUMINAIRE POLES.



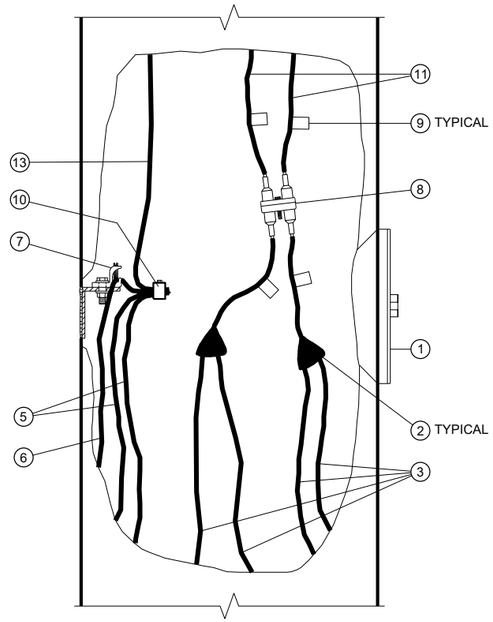
CUTAWAY HANDHOLE DETAIL

GROUNDED NEUTRAL SYSTEMS
1-ϕ



CUTAWAY HANDHOLE DETAIL

ISOLATED NEUTRAL SYSTEMS
1-ϕ SHOWN; 3-ϕ WYE SIMILAR
(SEE GENERAL NOTE)



CUTAWAY HANDHOLE DETAIL

PHASE TO PHASE SYSTEMS
1-ϕ SHOWN; 3-ϕ DELTA SIMILAR
(SEE GENERAL NOTE)

NOTE: REQUIRED CONDUCTOR SLACK NOT SHOWN ON "CUTAWAY HAND HOLE" DETAILS FOR DRAWING CLARITY, SEE "TYPICAL CONDUCTOR SLACK AT HANDHOLES" ON THIS SHEET.

1. HANDHOLE AND COVER
2. INSULATED SPLICE
3. UNGROUNDED LINE WIRE
4. GROUNDED LINE WIRE
5. SYSTEM GROUNDING LINE WIRE
6. GROUNDING ELECTRODE CONDUCTOR
7. HANDHOLE GROUNDING LUG
8. FUSE ASSEMBLY, 1P OR 2P AS REQUIRED
9. CIRCUIT TAG (SEE GENERAL NOTE)
10. REVERSIBLE PRESSURE OR COMPRESSION GROUNDING CONNECTOR (NOT INSULATED)
11. UNGROUNDED POLE WIRE
12. GROUNDED POLE WIRE
13. EQUIPMENT GROUNDING POLE WIRE

ELECTRICAL HANDHOLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

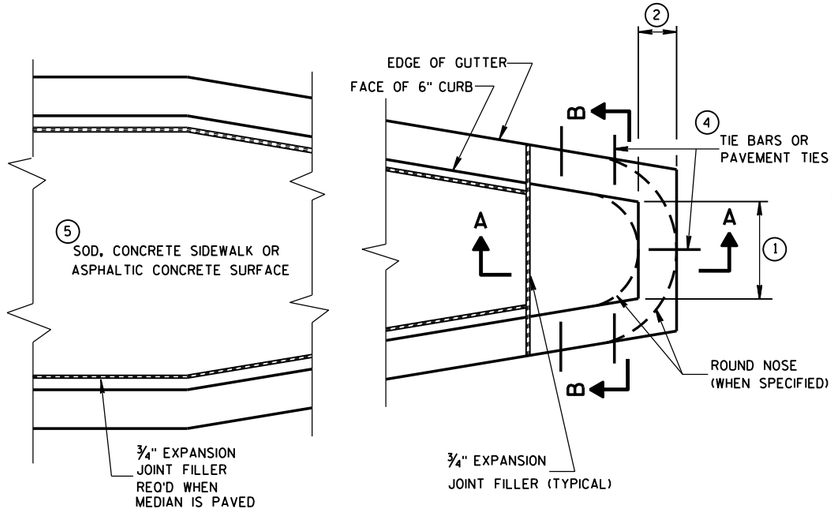
APPROVED
May 2022
DATE

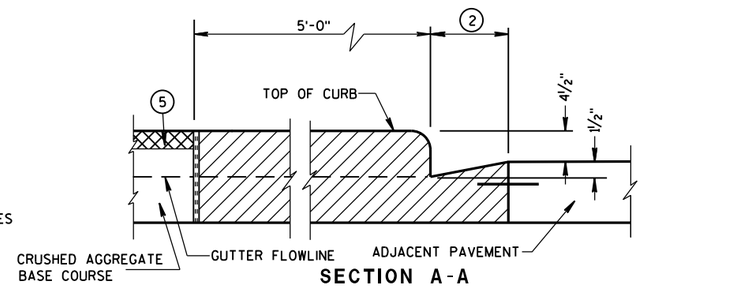
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 304

FHWA

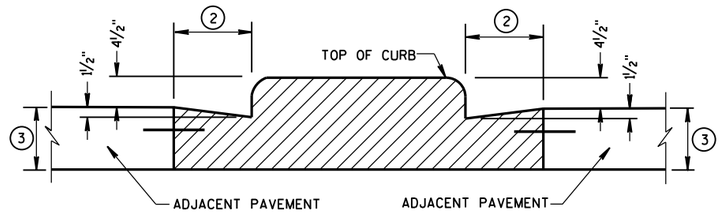
6

SDD 10A01 - 04





SECTION A-A



SECTION B-B

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.

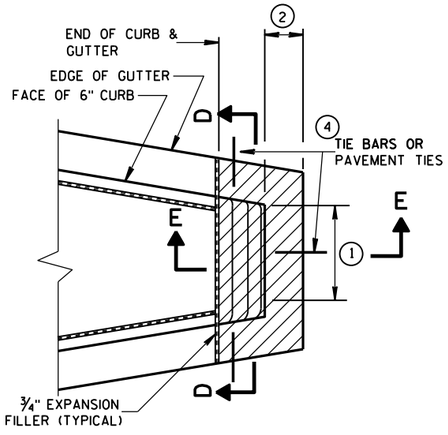
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

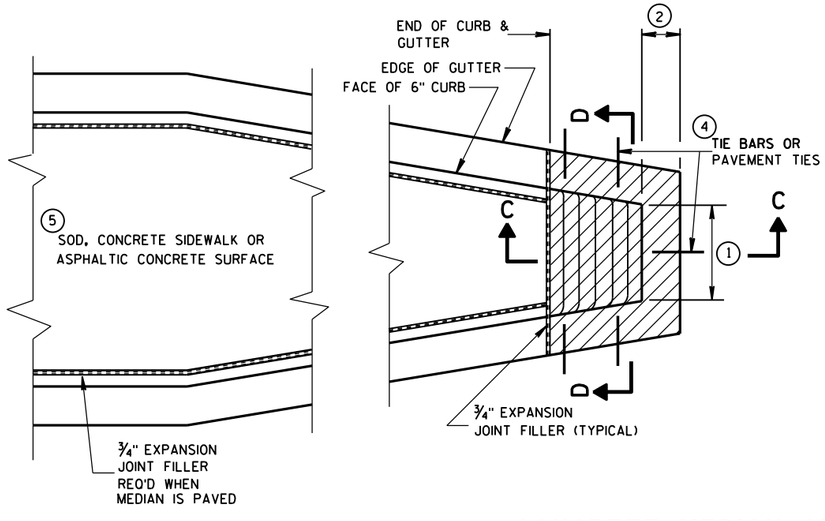
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

(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.

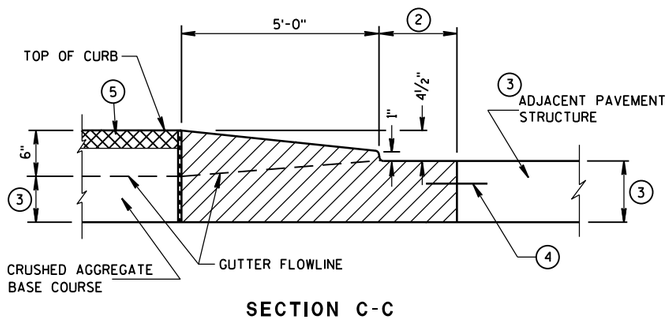
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

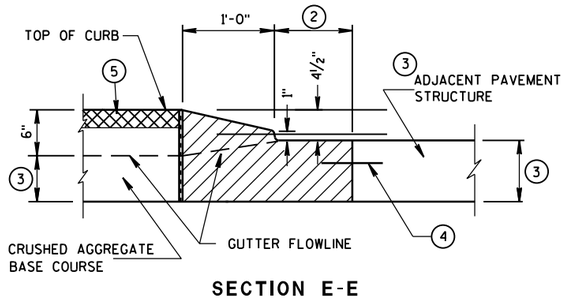




CONCRETE MEDIAN SLOPED NOSE TYPE 1

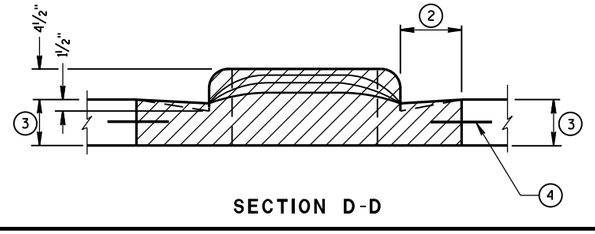


SECTION C-C



SECTION E-E

CONCRETE MEDIAN SLOPED NOSE TYPE 2



SECTION D-D

CONCRETE MEDIAN NOSE

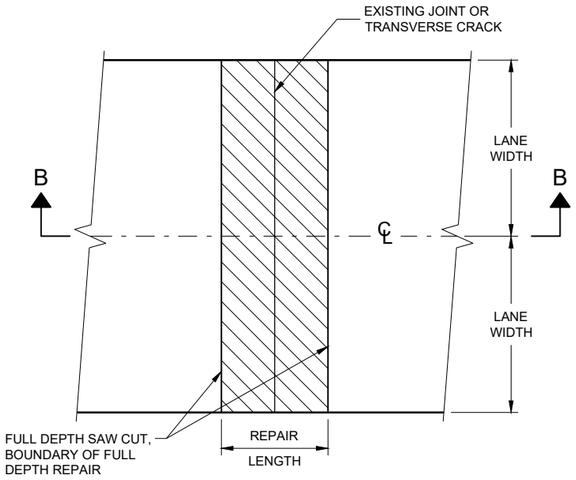
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

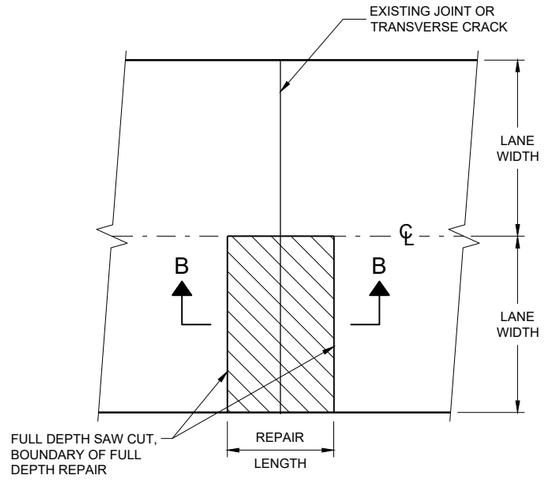
6/8/2006
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS D ENGINEER

FHWA



PLAN VIEW
(DOUBLE LANE REPAIR)



PLAN VIEW
(SINGLE LANE REPAIR)

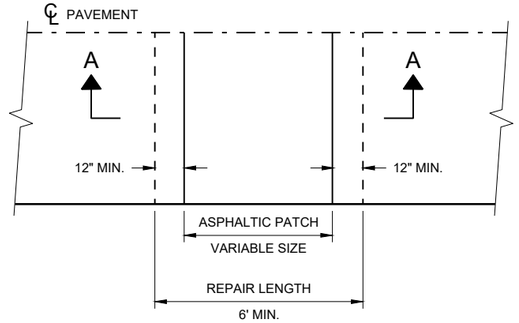
GENERAL NOTES

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.

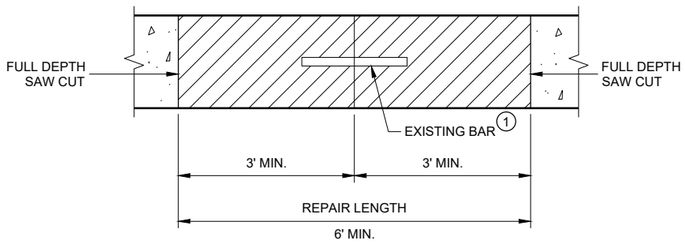
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.



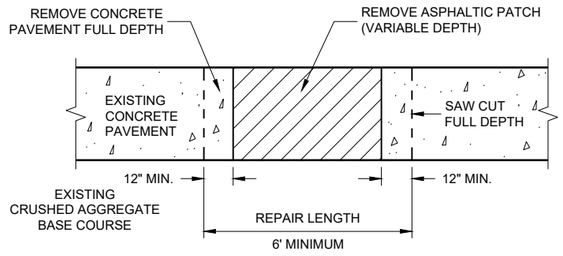
PLAN VIEW

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B

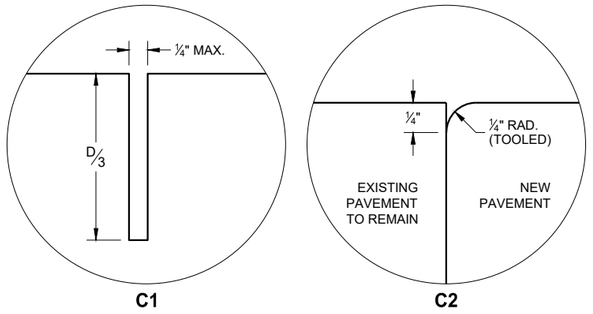
CONCRETE REMOVAL



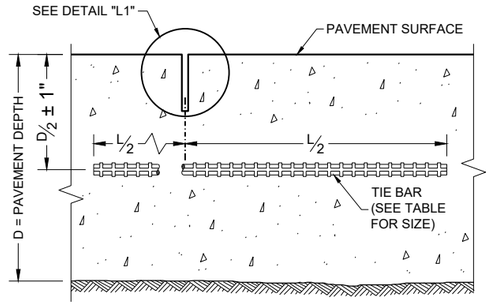
SECTION A - A

HMA PATCH REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

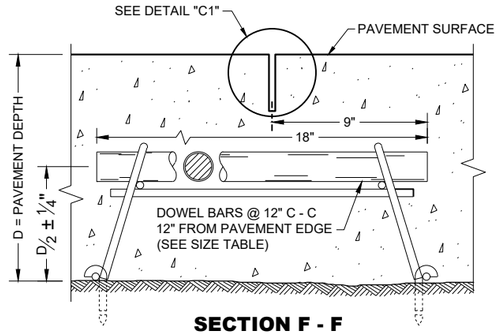


TRANSVERSE JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

DOWELED CONTRACTION JOINT

GENERAL NOTES

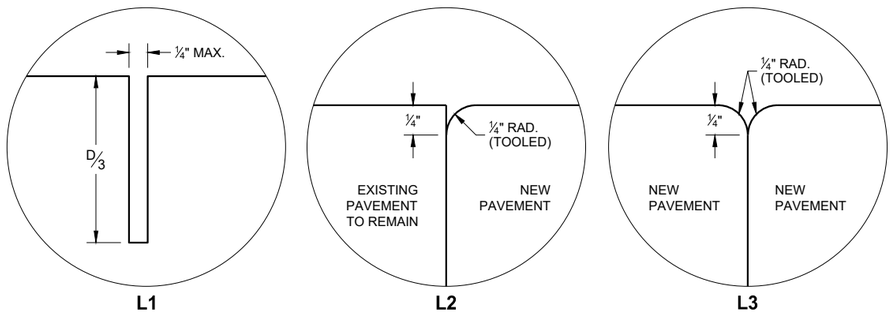
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE PAVEMENT REPAIRS OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

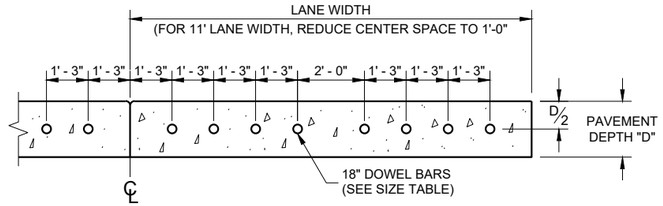
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

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.

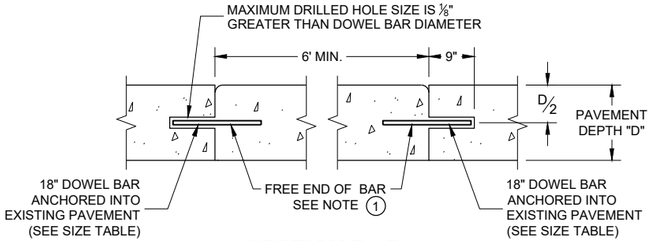


LONGITUDINAL JOINTS



SECTION E - E

DRILLED DOWEL BAR CONSTRUCTION JOINT



SECTION D - D

TIE BAR TABLE

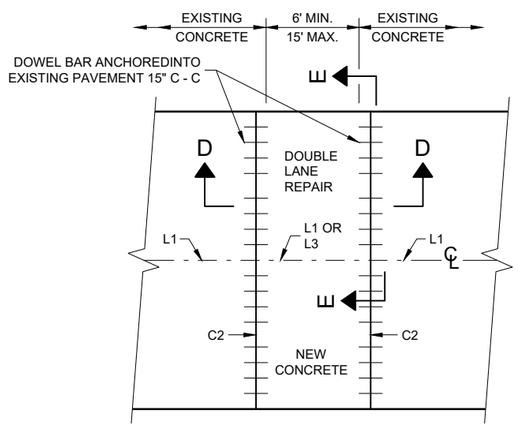
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* 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.

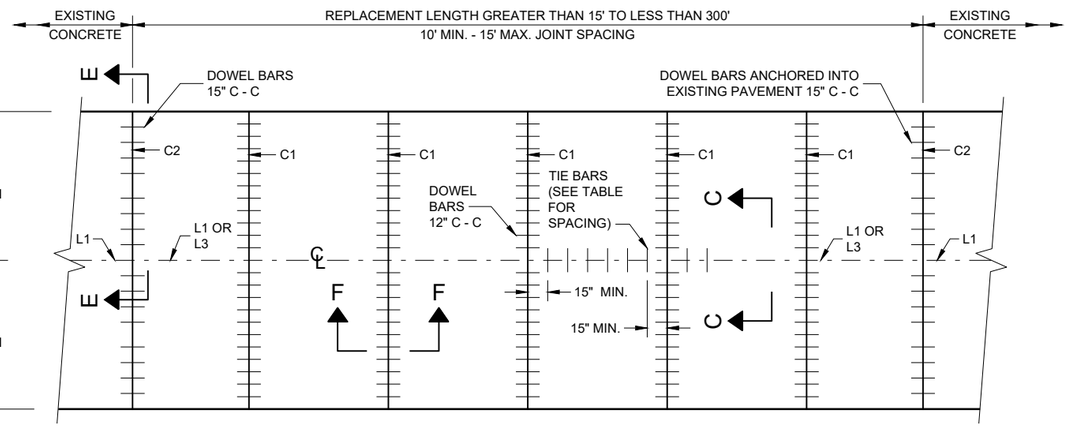
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	NONE	12'
7", 7 ½"	1"	1"	14'
8" & ABOVE	1 ¼"	1 ¼"	15'



PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

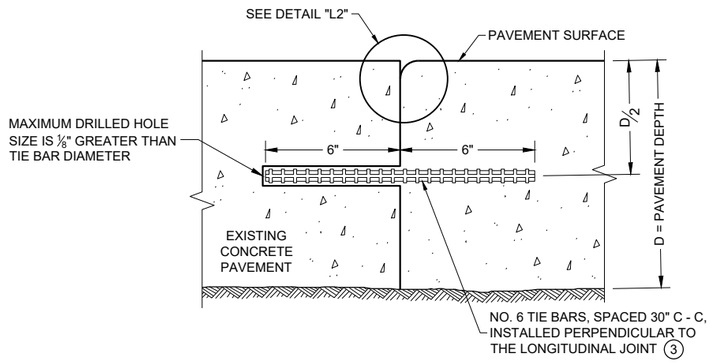
MULTILANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C09 - 17b

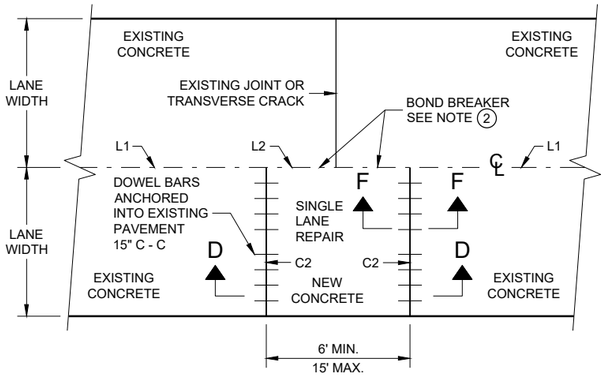


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

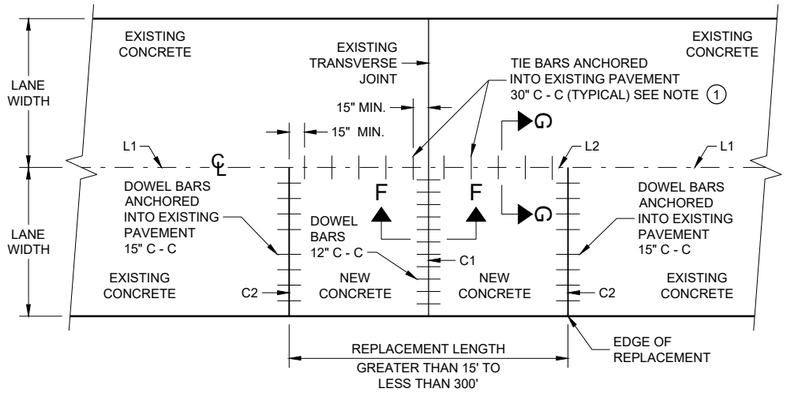
GENERAL NOTES

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 REPAIR AND REPLACEMENT

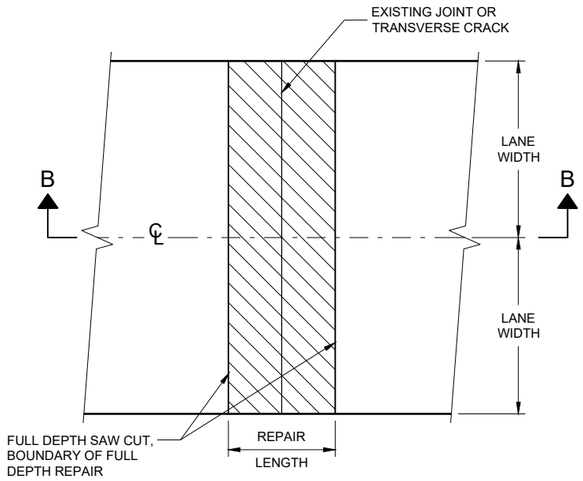
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE
/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

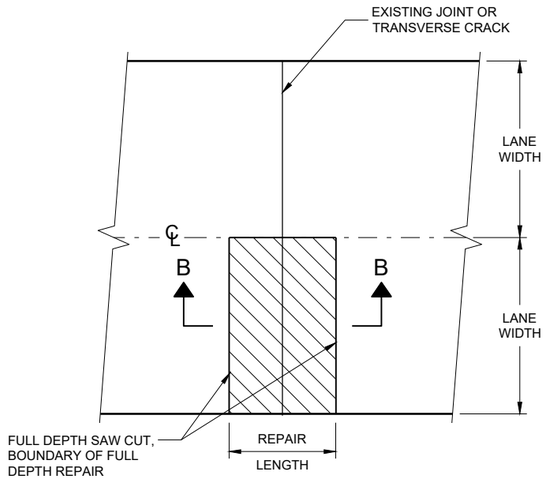
FHWA

6

SDD 13C09 - 17c



PLAN VIEW
DOUBLE LANE REPAIR



PLAN VIEW
SINGLE LANE REPAIR

GENERAL NOTES

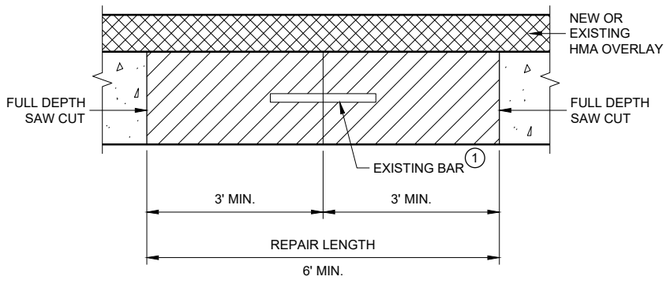
SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

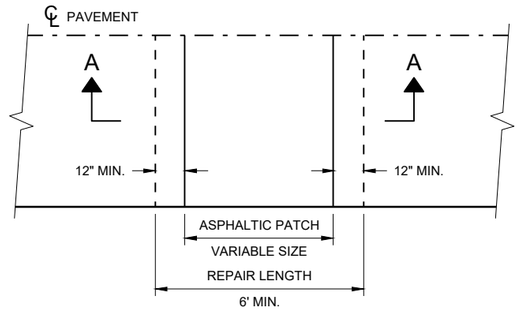
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.

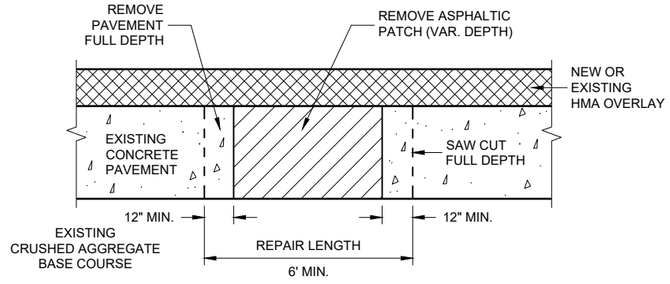
FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B
CONCRETE REMOVAL



PLAN VIEW



SECTION A - A

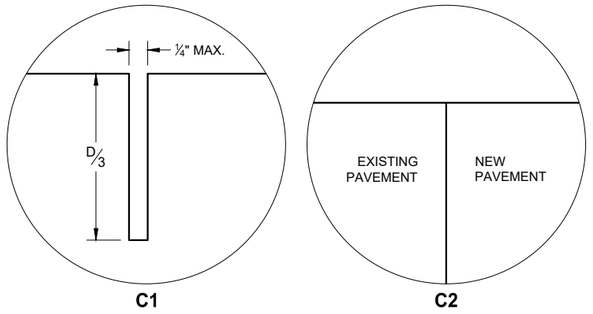
HMA PATCH REMOVAL

BASE PATCHING CONCRETE

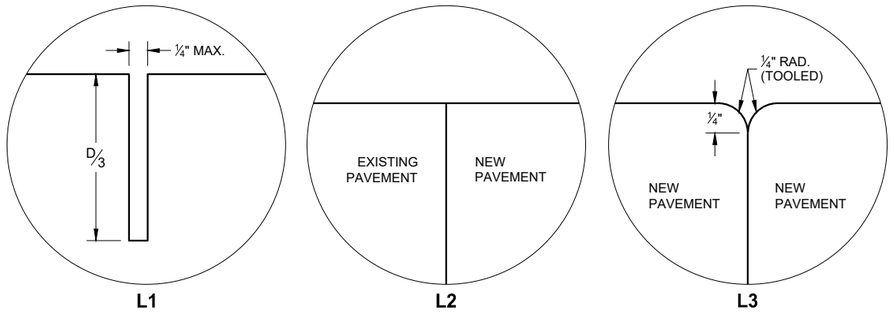
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

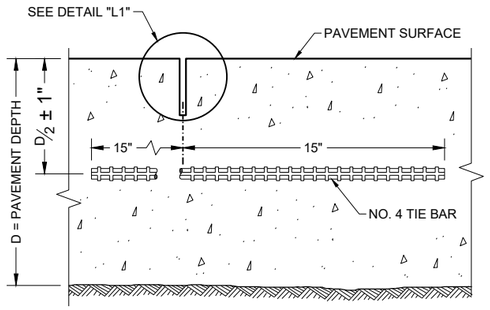
SDD 13C14 - 07a



TRANSVERSE JOINTS

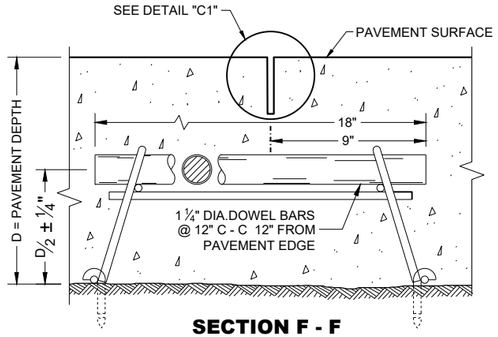


LONGITUDINAL JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

CONTRACTION JOINT

GENERAL NOTES

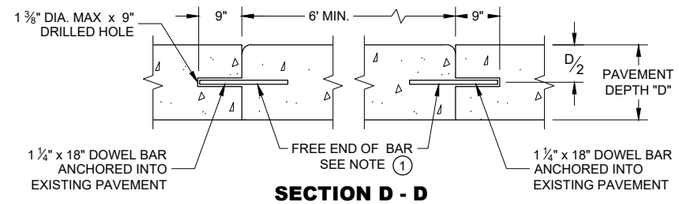
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE BASE PATCHES OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

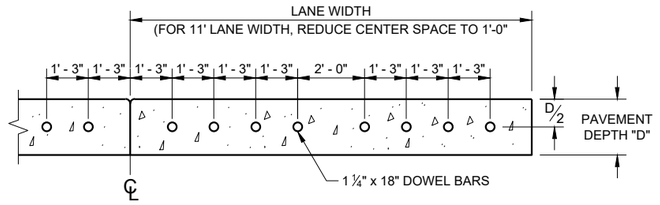
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

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.

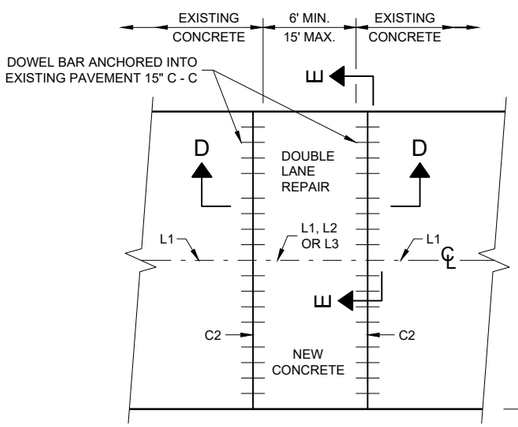


SECTION D - D



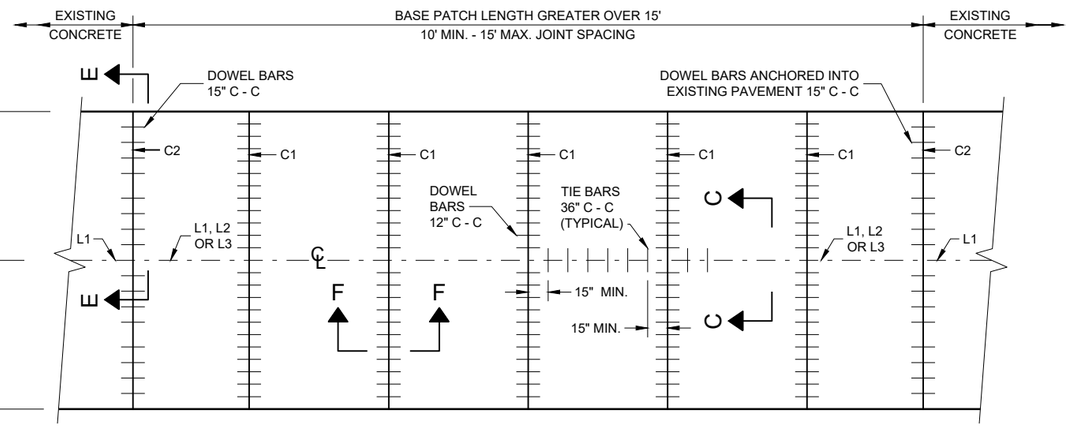
SECTION E - E

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

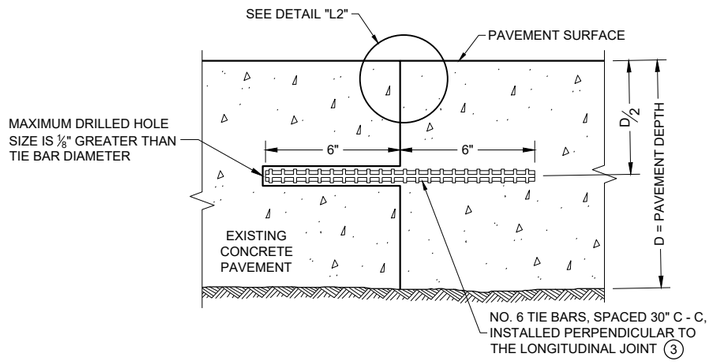
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 310

SDD 13C14 - 07b

SDD 13C14 - 07b

6

6

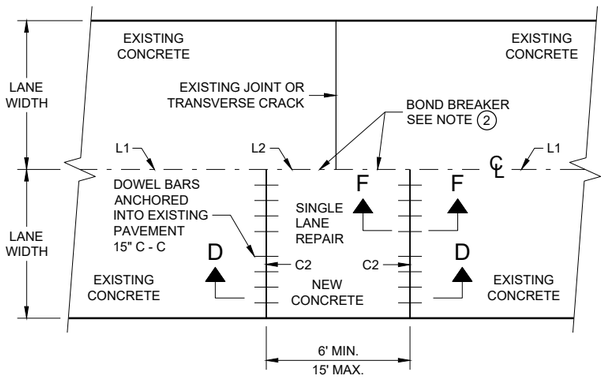


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

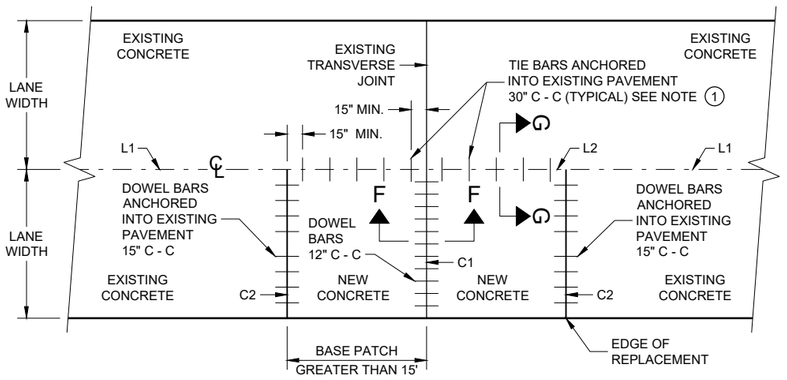
GENERAL NOTES

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

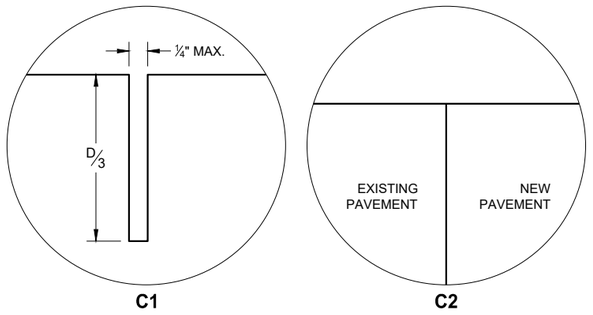
APPROVED
March 2018
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISO

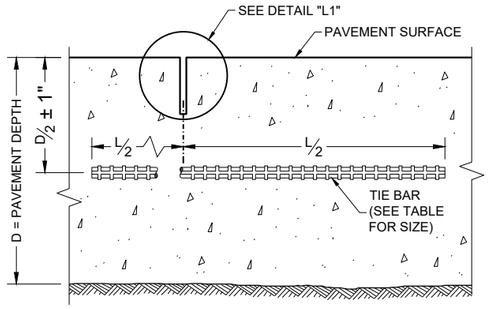
FHWA

6

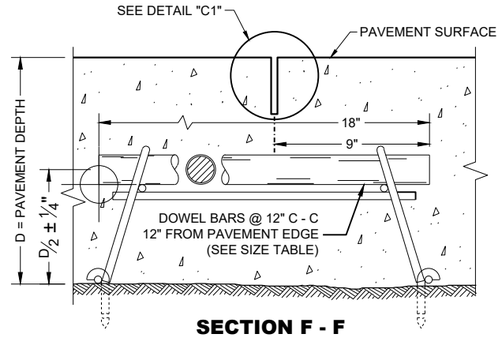
SDD 13C14 - 07c



TRANSVERSE JOINTS



SECTION C - C
SAWED JOINT



SECTION F - F
CONTRACTION JOINT

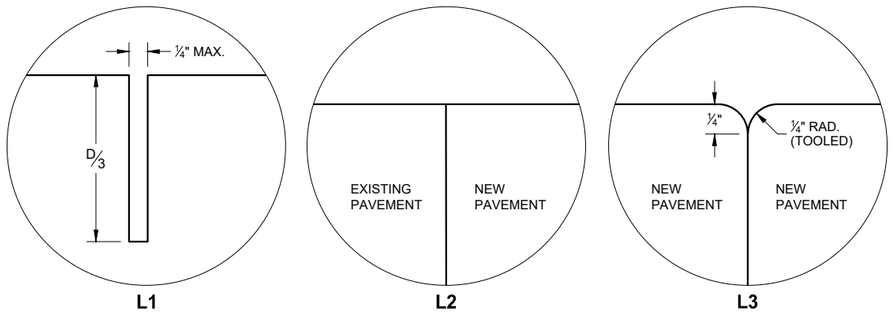
GENERAL NOTES

ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

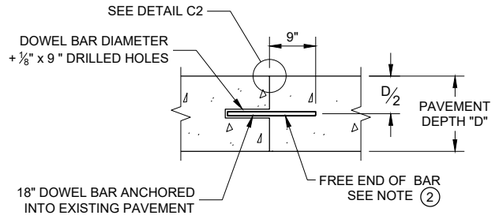
PROVIDE A MIMIMUM DISTANCE OF 15 INCHES FROM AN EXISTING TRANSVERSE JOINT OR EDGE OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

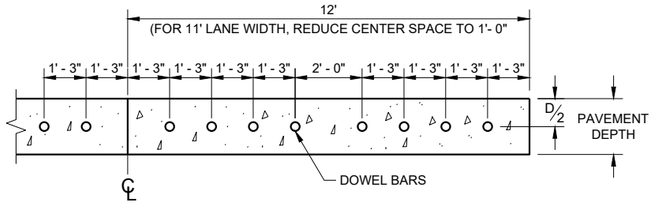
(2) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.



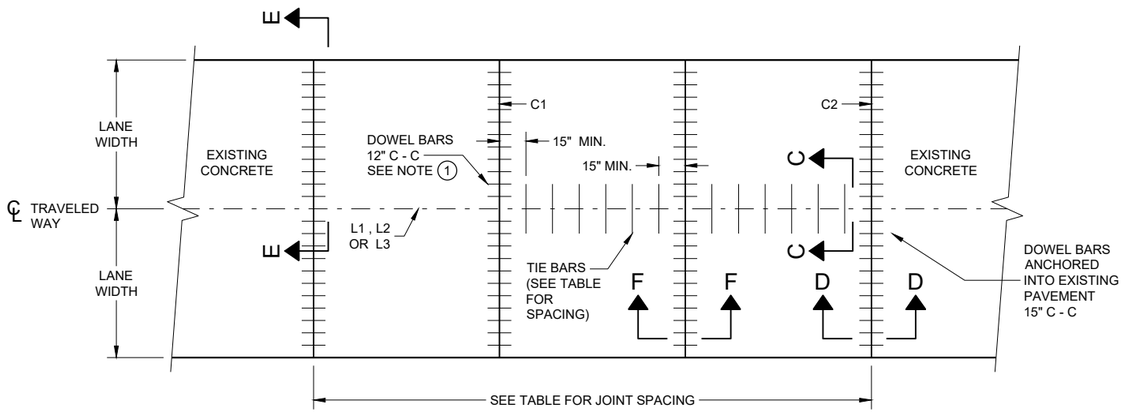
LONGITUDINAL JOINTS



SECTION D - D



SECTION E - E
SPACING OF DOWEL BARS
ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW
CONCRETE BASE
CONTRACTION JOINT LOCATIONS

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	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8" & ABOVE	1 ¼"	15'

CONCRETE BASE

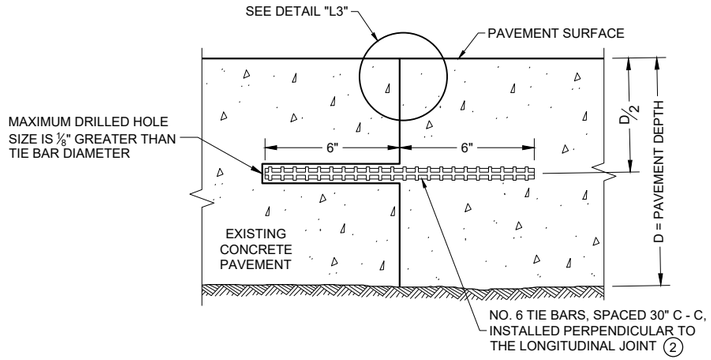
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C15 - 08a

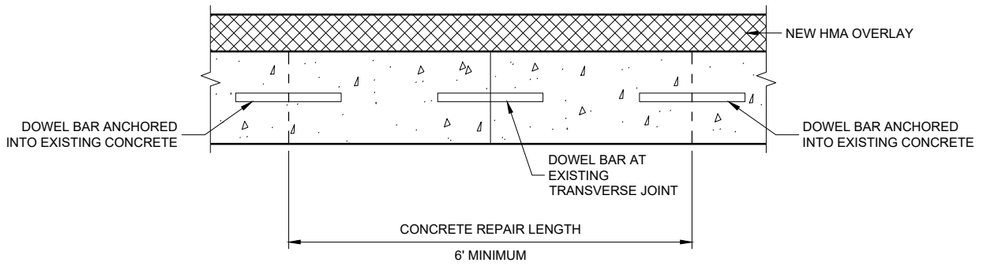
GENERAL NOTES

1. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) AT THE LONGITUDINAL JOINT IN LIEU OF TIE BARS FOR SINGLE LANE CONCRETE BASE REPAIRS UP TO 15 FEET IN LENGTH.
2. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.
3. PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

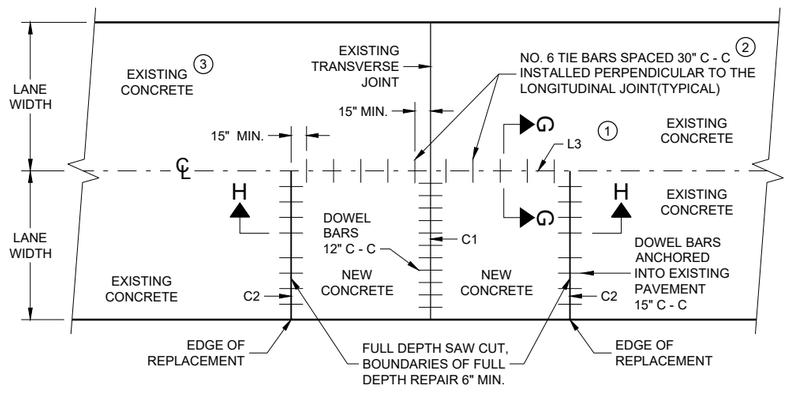


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT



SECTION H - H



PLAN VIEW

SINGLE LANE CONCRETE BASE REPAIR

6

SDD 13C15 - 08b

CONCRETE BASE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

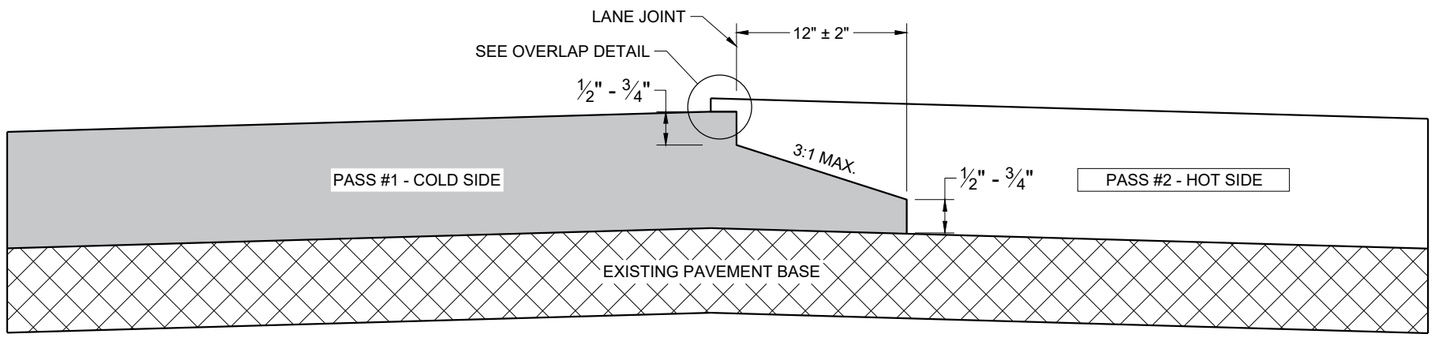
APPROVED
November 2022
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

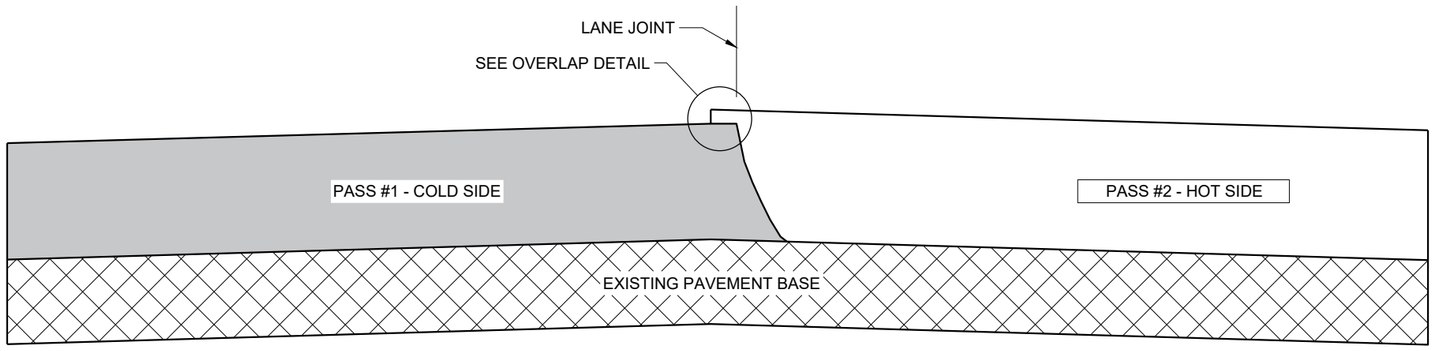
FHWA

6

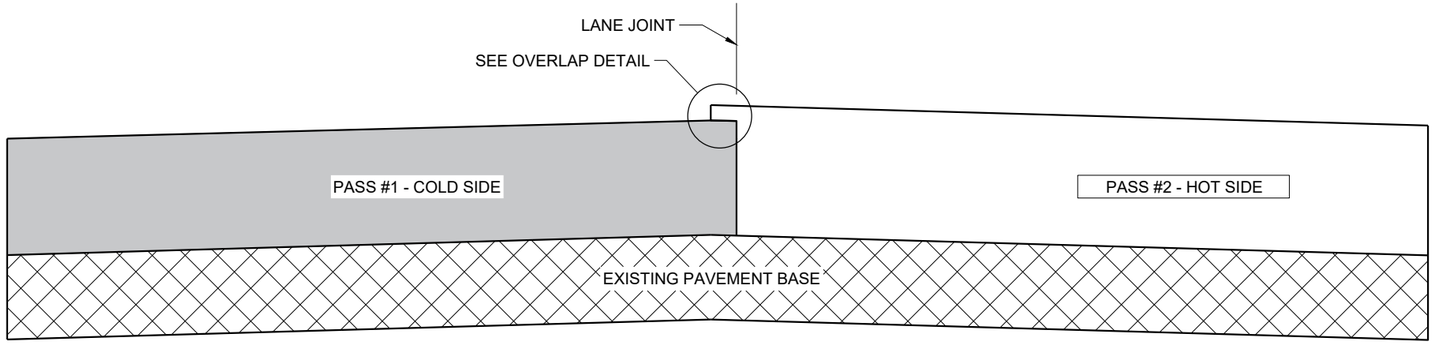
SDD 13C15 - 08b



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

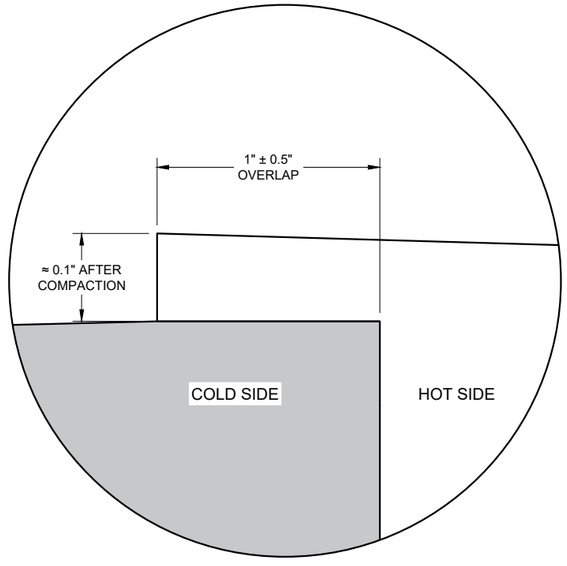
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

6

SDD 13C19 - 03

SDD 13C19 - 03

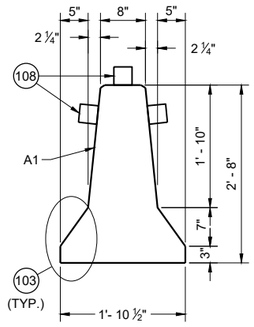
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

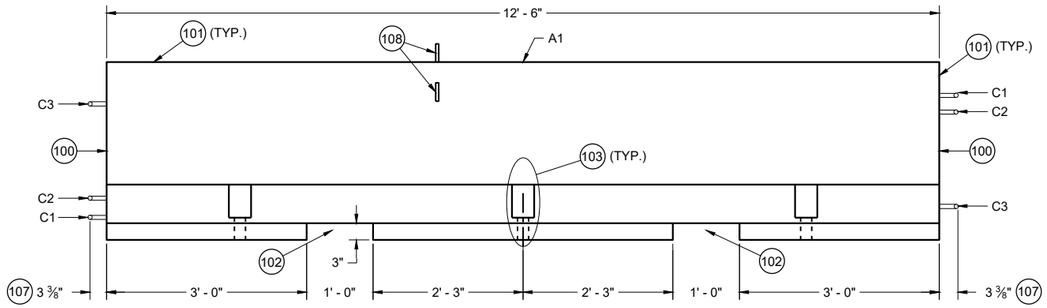
APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



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

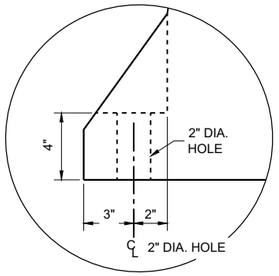
(104) 1 ¾" MIN. CLEAR COVER

(105) 2" MIN. CLEAR COVER

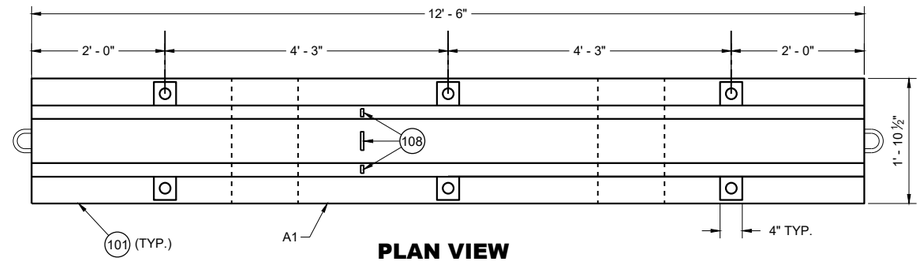
(106) 1" MIN. CLEAR COVER

(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 TOP 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.

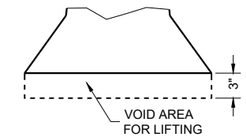


ANCHOR BLOCK DETAIL

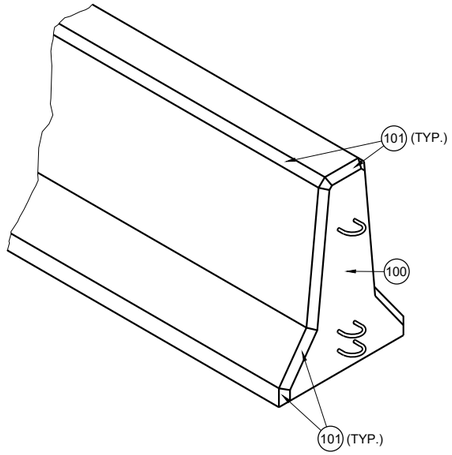


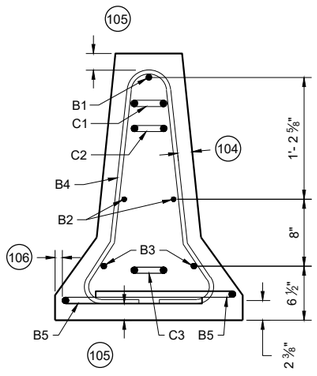
PLAN VIEW

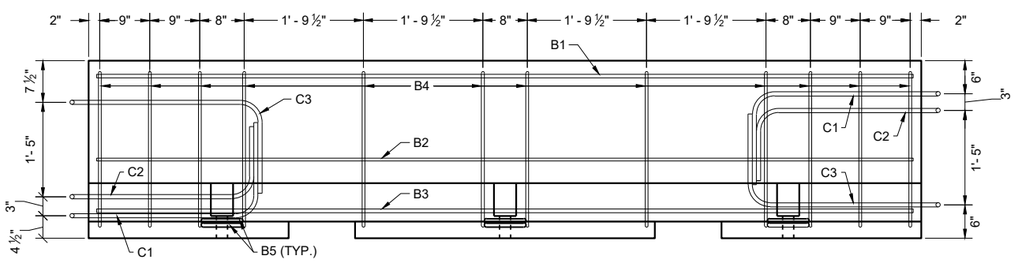
TEMPORARY BARRIER



LIFTING SLOT DETAIL (TYP.)







PROFILE VIEW

TEMPORARY BARRIER REINFORCEMENT

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

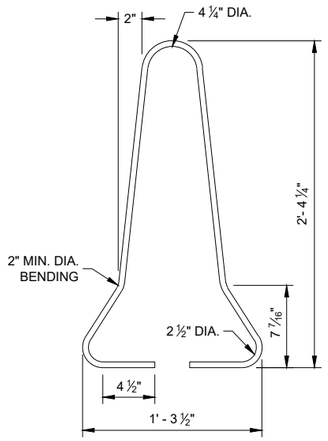
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B07-16a

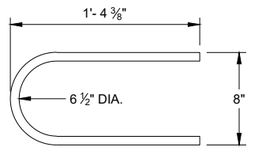
6

SDD 14B07-16a

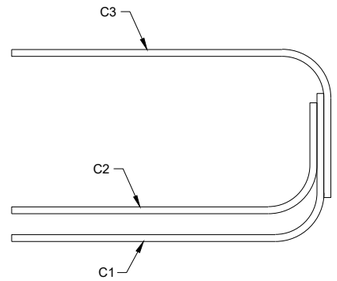
6



B4 BAR DETAIL

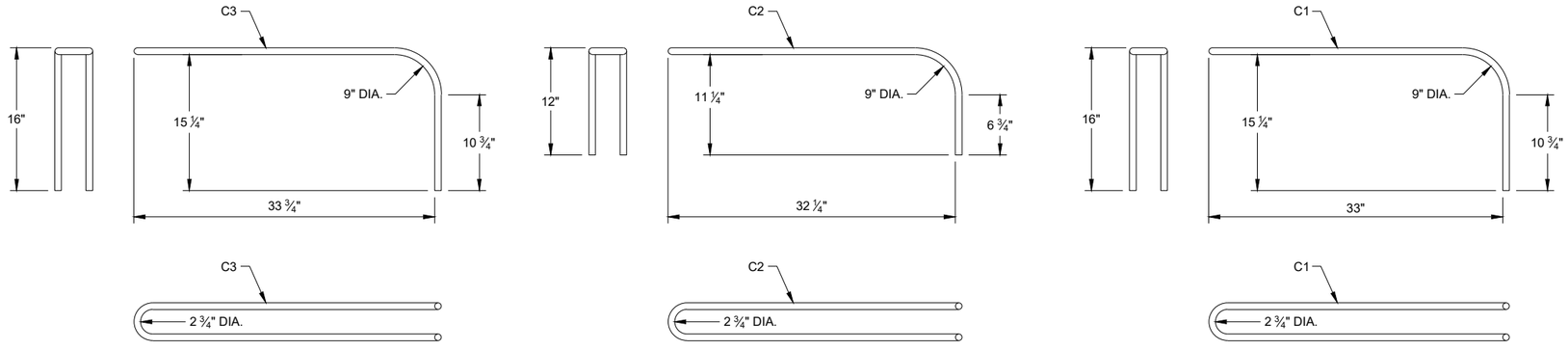


B5 BAR DETAIL



PROFILE VIEW

LOOP BAR ASSEMBLY



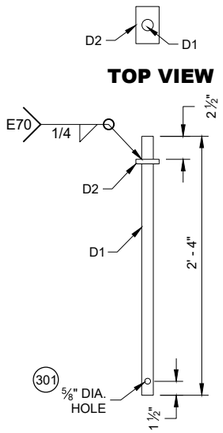
C BAR DETAILS

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

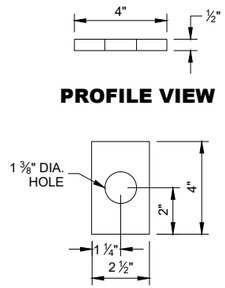
SDD 14B07-16b



TOP VIEW

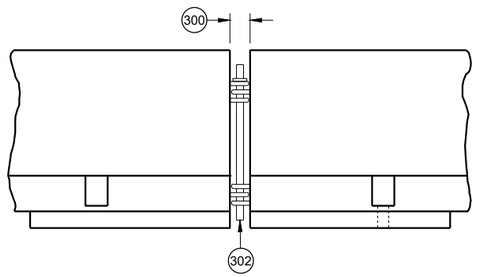
PROFILE VIEW

CONNECTOR PIN ASSEMBLY



PROFILE VIEW

TOP VIEW D2



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.

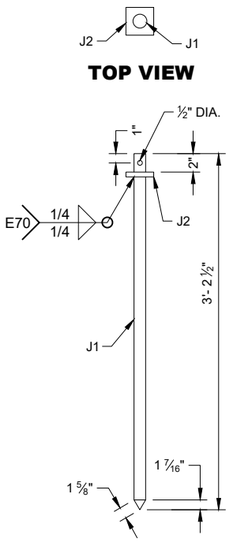
305 DO NOT USE ON CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY OR CONCRETE PAVEMENT WITH ASPHALT OVERLAY.

306 MINIMUM OF 2" OF ASPHALT.

307 ASPHALT ANCHOR PIN ASSEMBLY

308 IF DRILLING A PILOT HOLE, THE MAX, DIA. OF THE HOLE IS 3/4"

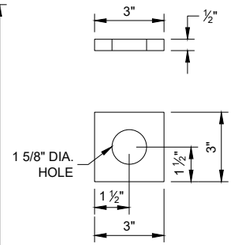
309 WHEN THERE IS ASPHALT OVERLAYING CONCRETE PAVEMENT, A 1 5/8" DIA. PILOT HOLE CAN BE DRILLED INTO THE OVERLAY AND CONCRETE. IF NEEDED DRILL A 3/4" PILOT HOLE IN BASE COURSE.



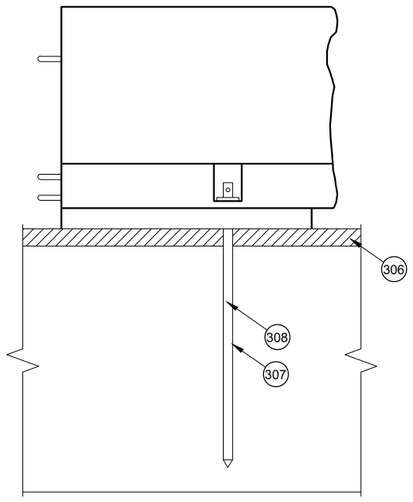
TOP VIEW

PROFILE VIEW

ASPHALT ANCHOR PIN ASSEMBLY

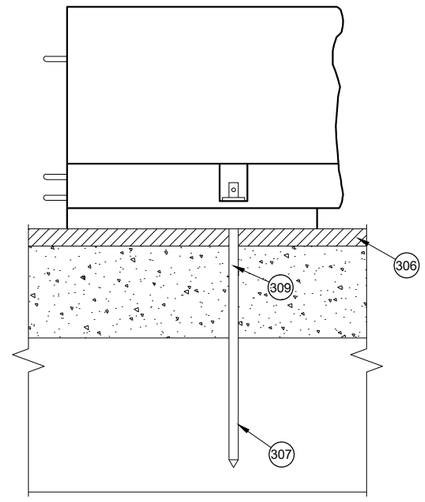


TOP VIEW J2



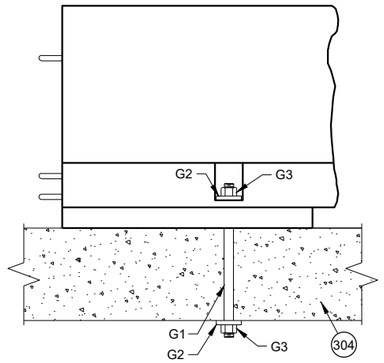
SIDE VIEW

ASPHALT ANCHOR INSTALLATION THROUGH ASPHALT PAVEMENT



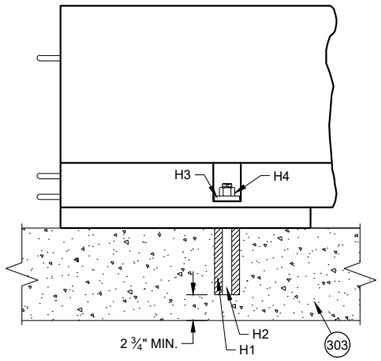
SIDE VIEW

ASPHALT ANCHOR INSTALLATION THROUGH ASPHALT OVERLAY ON TOP OF CONCRETE PAVEMENT



SIDE VIEW

THROUGH BOLT ANCHOR INSTALLATION (305)



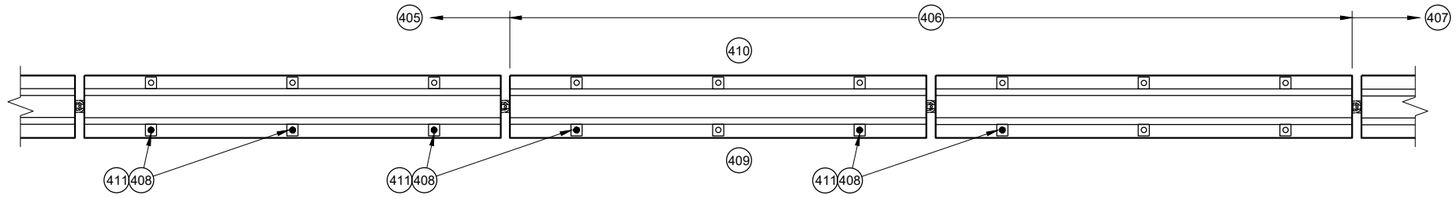
SIDE VIEW

ADHESIVE ANCHOR INSTALLATION (305)

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

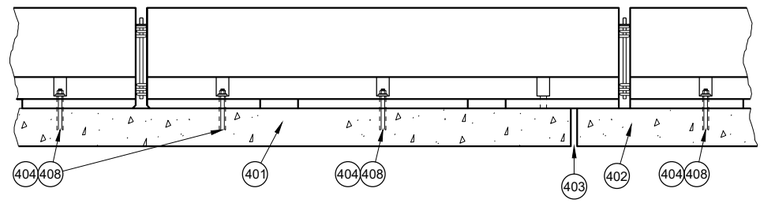
6

SDD 14B07-16c



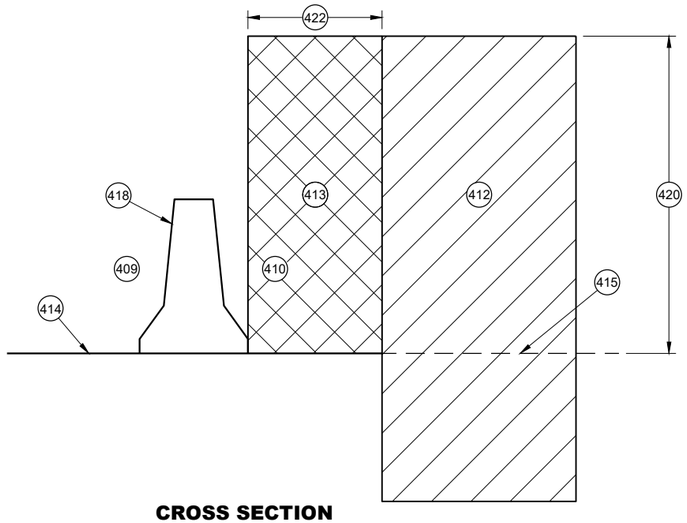
PLAN VIEW

TRANSITION FROM FREE STANDING TO ANCHORED BARRIER



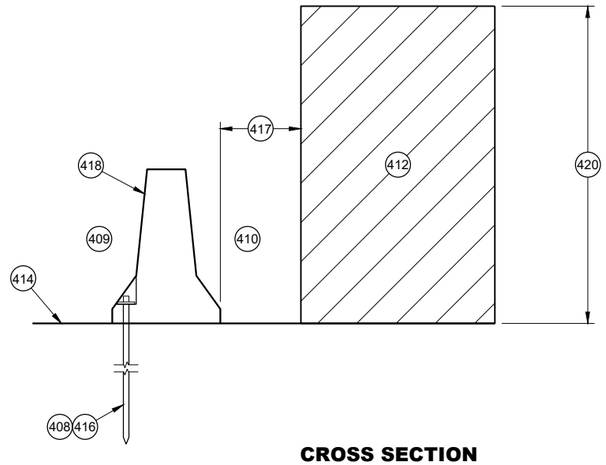
PROFILE VIEW

ANCHORED BARRIER NEAR EXPANSION JOINT (400)



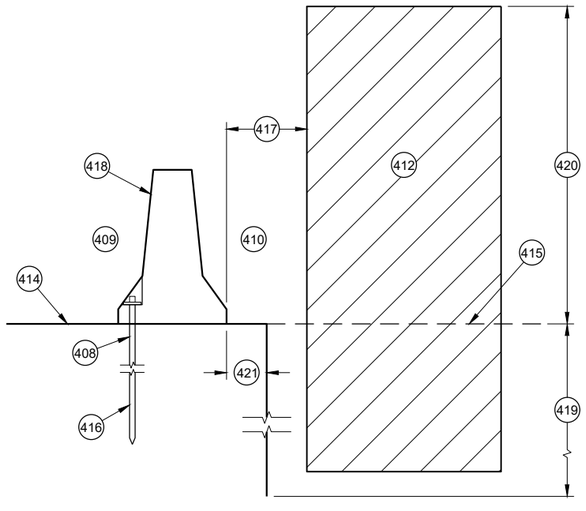
CROSS SECTION

FREE STANDING BARRIER



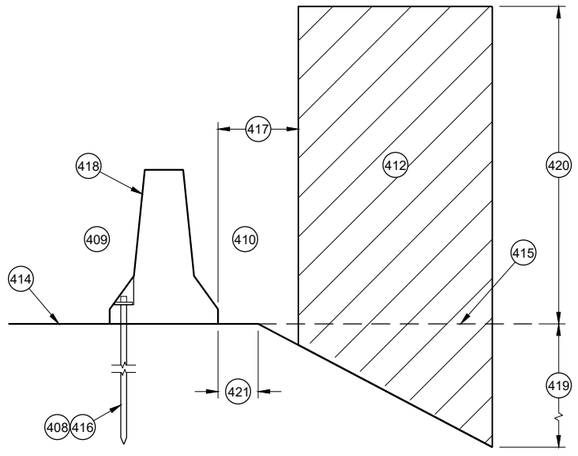
CROSS SECTION

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

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

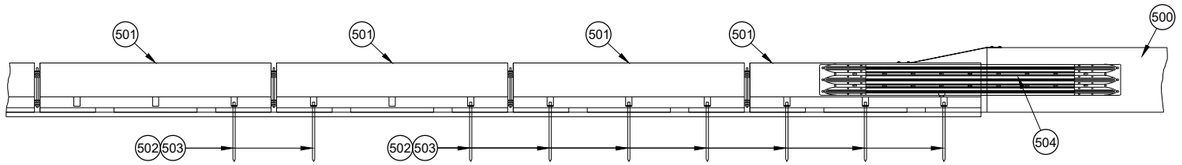
516 CUT WOOD BLOCK TO FIT.

517 SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL ASSEMBLY.

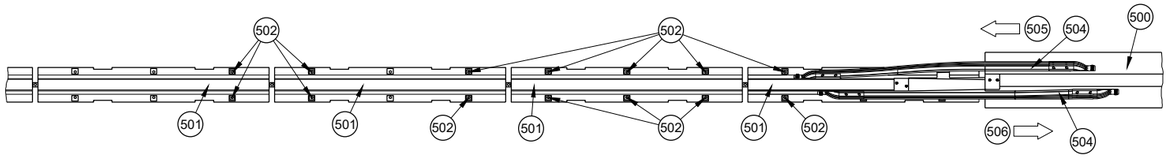
518 CAP ASSEMBLY

519 4" MAX. GAP BETWEEN TEMPORARY BARRIER AND RIGID BARRIER.

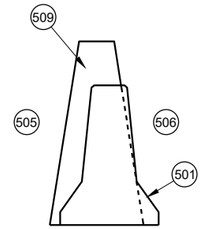
520 ALL TWELVE SPLICE HOLES REQUIRE M1 AND M2



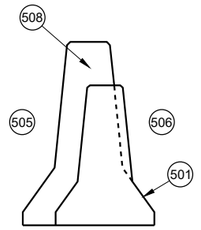
PROFILE VIEW



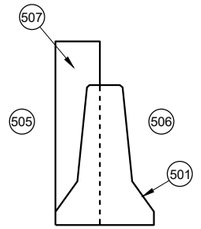
PLAN VIEW



CROSS SECTION TEMPORARY BARRIER PLACEMENT SINGLE SLOPE

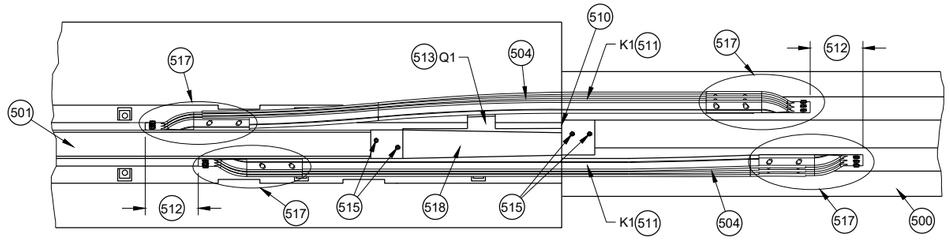


CROSS SECTION TEMPORARY BARRIER PLACEMENT SAFETY SHAPE

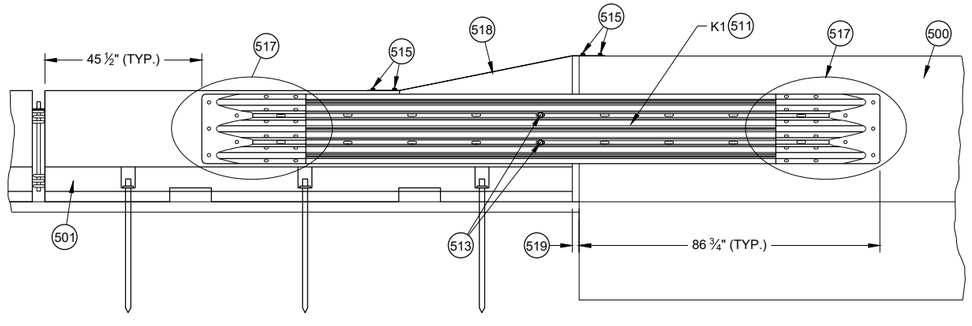


CROSS SECTION TEMPORARY BARRIER PLACEMENT VERTICAL

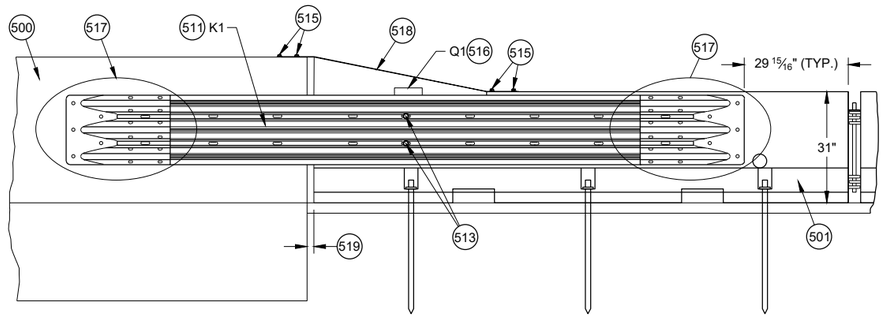
PLAN VIEW
TRANSITION TO RIGID BARRIER



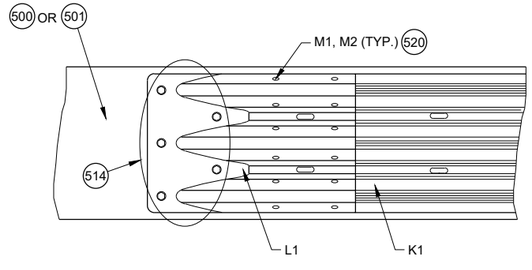
PLAN DETAIL VIEW
TRANSITION TO RIGID BARRIER



FRONT DETAIL VIEW
TRANSITION TO RIGID BARRIER



BACK DETAIL VIEW
TRANSITION TO RIGID BARRIER

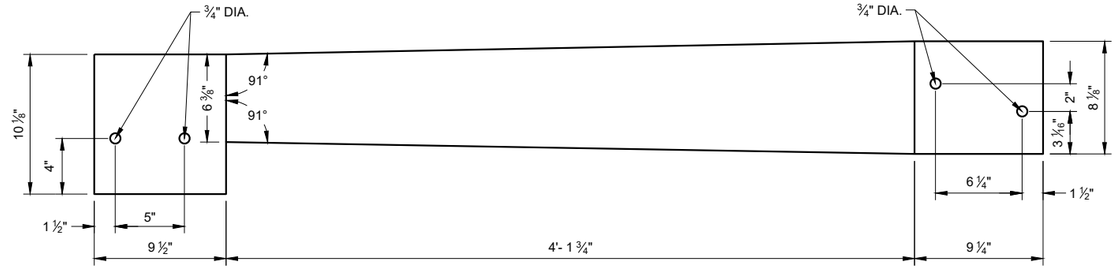


517 DETAIL PLAN VIEW
THRIE BEAM RAIL TERMINAL CONNECTOR ASSEMBLY

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

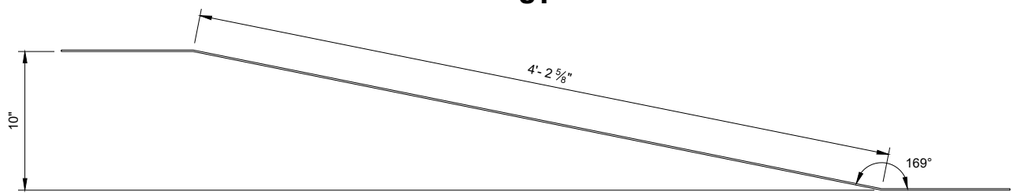
6

SDD 14B07-16e



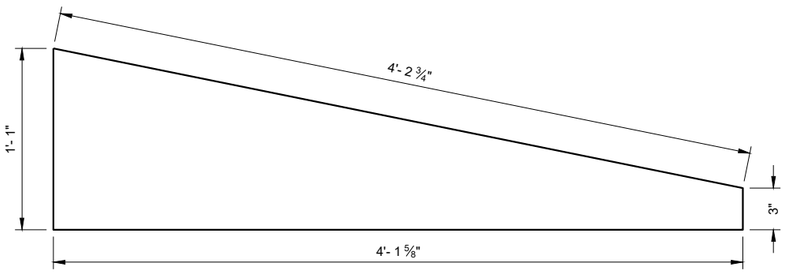
TOP VIEW

S1



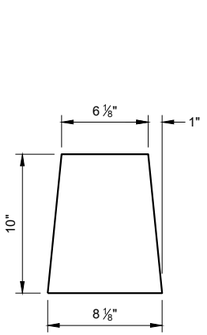
ELEVATION VIEW

S1

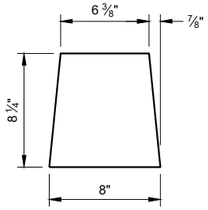


SIDE VIEW

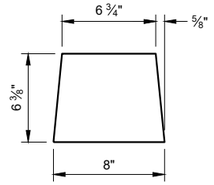
S3



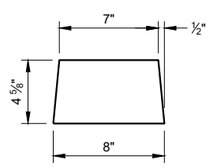
S2



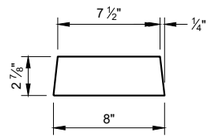
S4



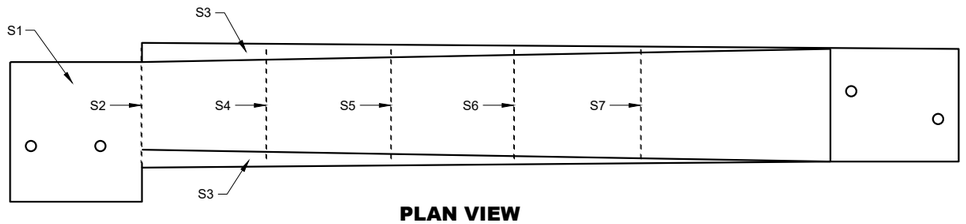
S5



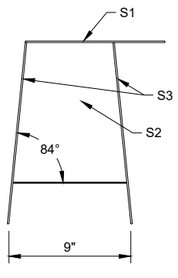
S6



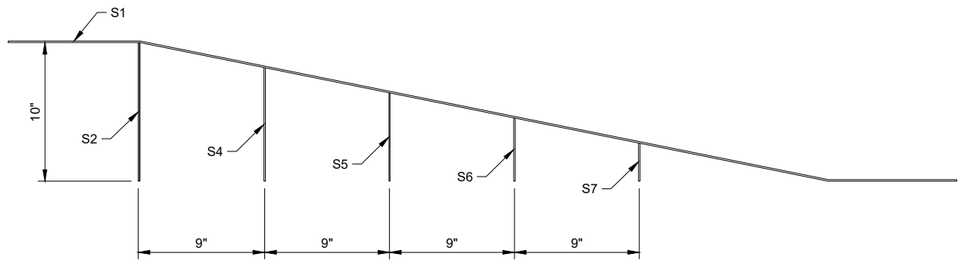
S7



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.

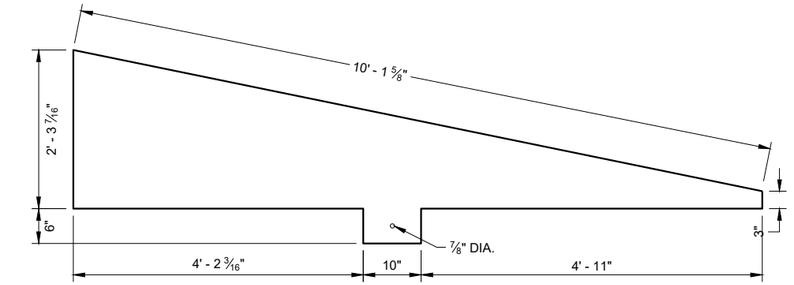
(600) SIDE PLATES (S3) NOT SHOWN FOR CLARITY.

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

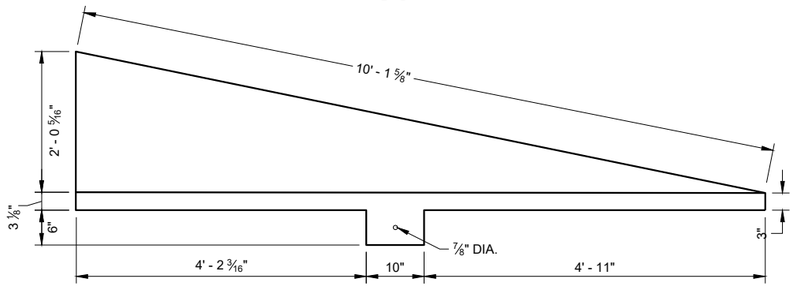
SDD 14B07-16f



SIDE VIEW
T4



END VIEW



SIDE VIEW
T3

END VIEW

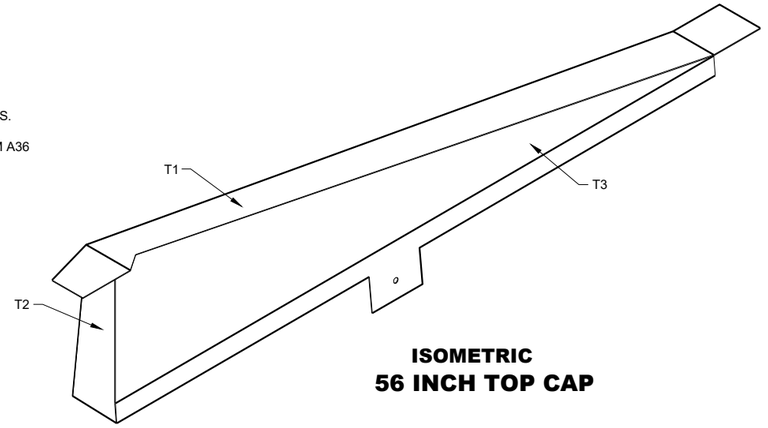
GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THRIE SIDES

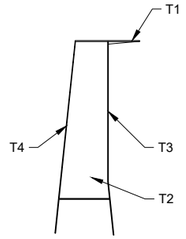
STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 GALVANIZED STEEL.

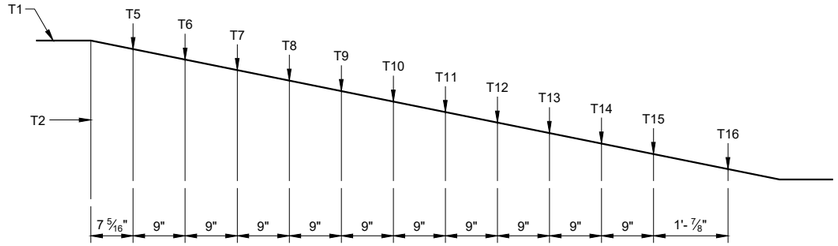
(700) SIDE PLATES (T3 AND T4) NOT SHOWN FOR CLARITY.



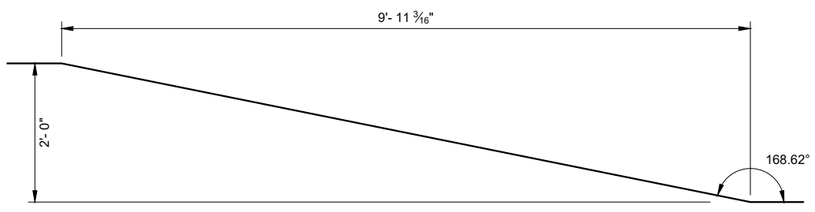
ISOMETRIC
56 INCH TOP CAP



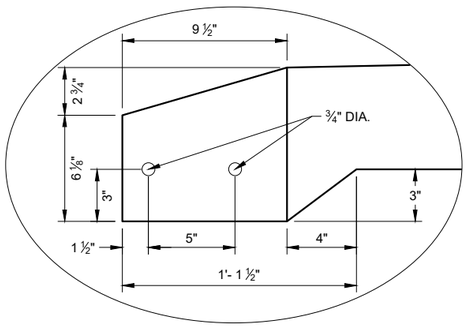
END VIEW
56 INCH TOP CAP



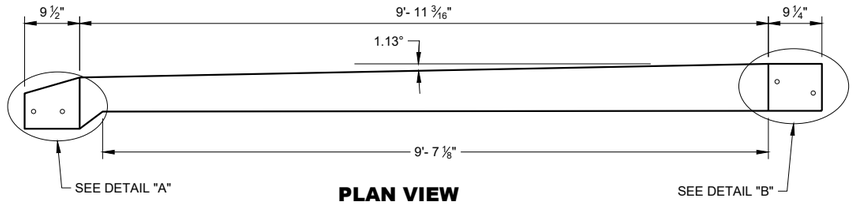
SIDE VIEW (700)
56 INCH TOP CAP



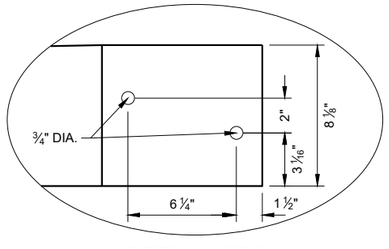
SIDE VIEW
TOP PLATE T1



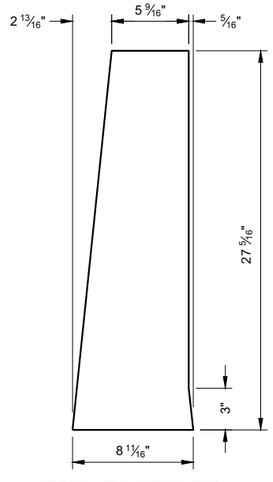
DETAIL "A"



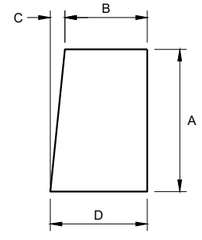
PLAN VIEW
TOP PLATE T1



DETAIL "B"



END PLATE T2



GUSSET PLATES
T5 - T16

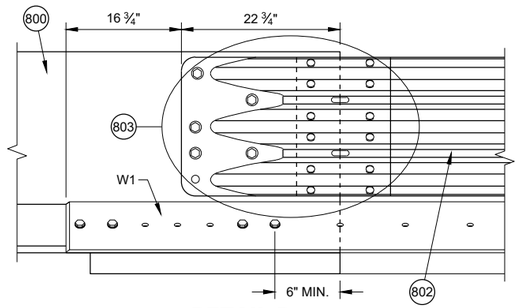
GUSSET DIMENSIONS				
GUSSET NO.	A	B	C	D
T5	22 13/16"	5 1/16"	2 5/16"	8 1/16"
T6	21"	5 7/8"	2 3/16"	8 1/16"
T7	19 3/16"	6 1/16"	1 15/16"	8 1/16"
T8	17 3/8"	6 1/4"	1 13/16"	8 1/16"
T9	15 5/16"	6 7/16"	1 9/16"	8 1/16"
T10	13 3/4"	6 5/8"	1 7/16"	8 1/16"
T11	11 15/16"	6 13/16"	1 1/4"	8 1/16"
T12	10 1/8"	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 1/16"	7 9/16"	1/2"	8"
T16	2 7/8"	7 3/4"	1/4"	8"

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

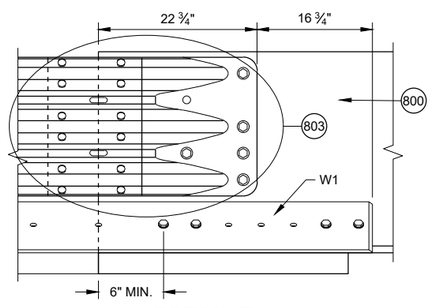
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

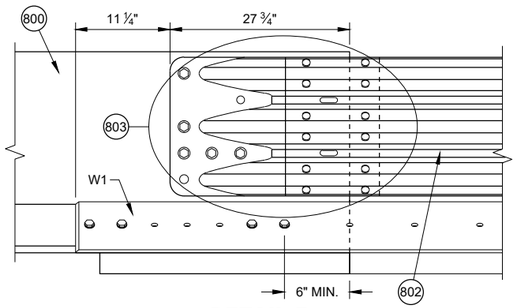
SDD 14B07-16g



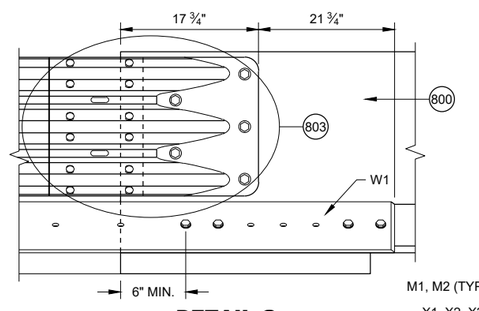
DETAIL D



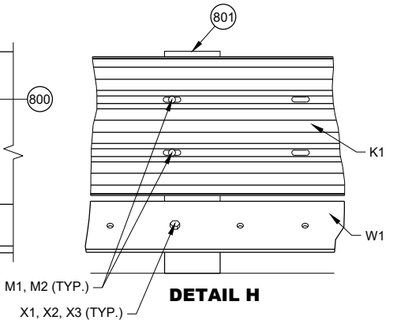
DETAIL E



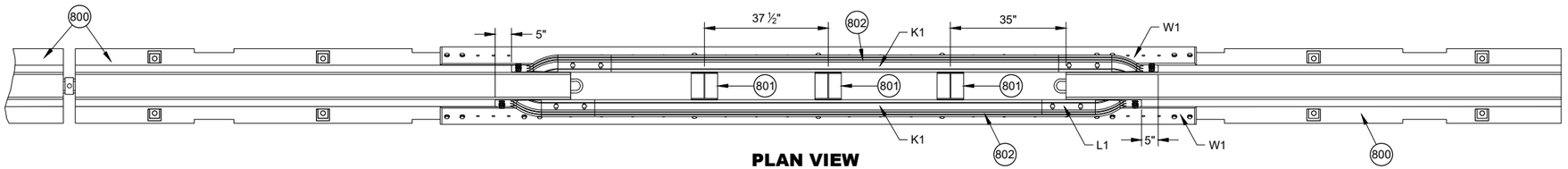
DETAIL F



DETAIL G



DETAIL H



PLAN VIEW

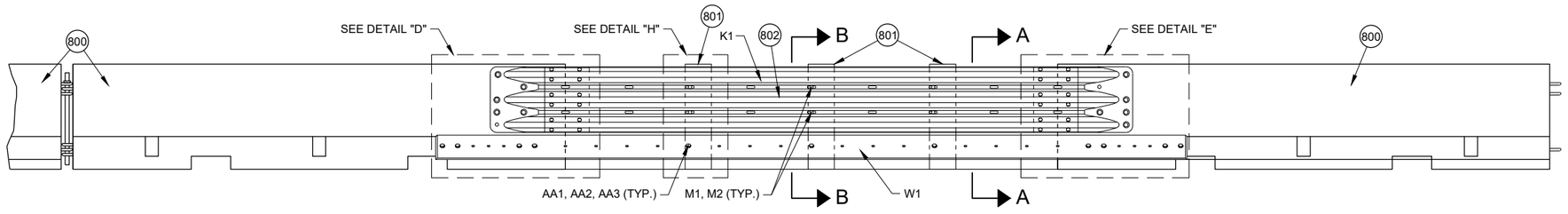
GENERAL NOTES

(800) FREE STANDING TEMPORARY BARRIER

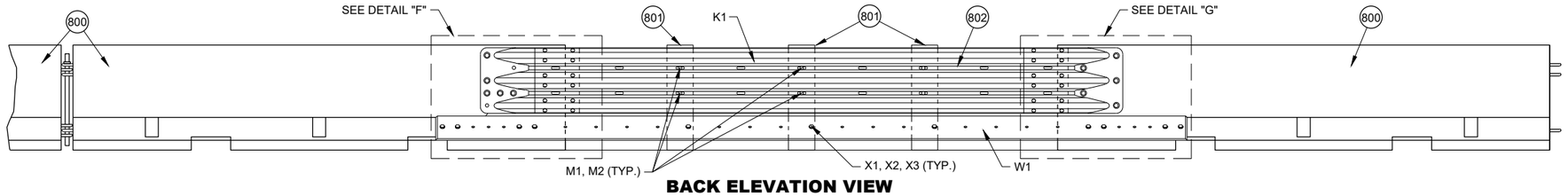
(801) GAP STIFFENER ASSEMBLY

(802) THRIE BEAMS ARE NESTED ON BOTH SIDES OF THE TEMPORARY BARRIER.

(803) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL



FRONT ELEVATION VIEW



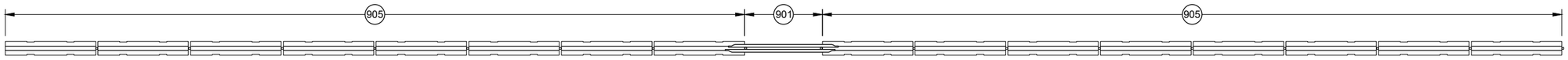
BACK ELEVATION VIEW

PORTABLE CONCRETE BARRIER GAP THRIE BEAM COVER

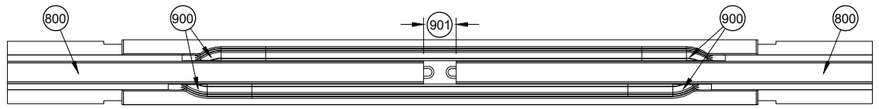
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07-16h



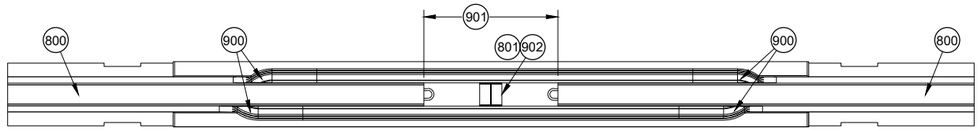
PLAN VIEW
GAP WITHIN SPACING



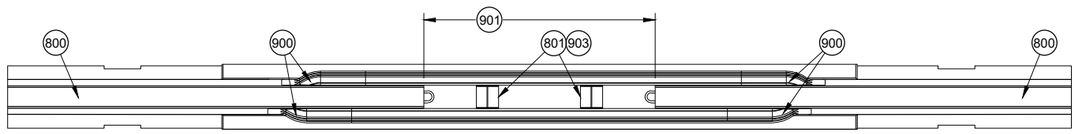
PLAN VIEW
TEMPORARY BARRIER GAP OVER 4" TO 1' MAX. (904)

GENERAL NOTES

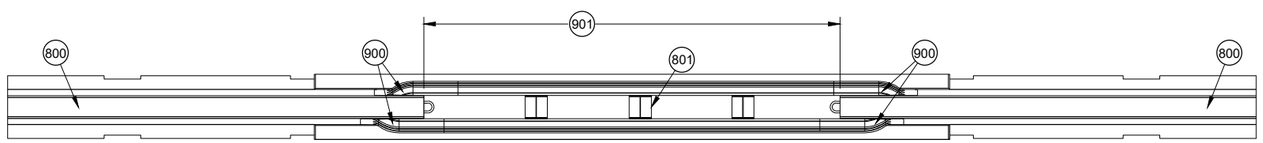
(900) SEE OTHER DETAILS FOR TEMPORARY GAP HARDWARE (TYP.)
(901) TEMPORARY BARRIER GAP
(902) GAP STIFFENER ASSEMBLY CENTERED IN THE GAP.
(903) GAP STIFFENER ASSEMBLY IS OFFSET 18 ¾" FROM CENTER
(904) MINIMUM NUMBER OF GAP STIFFENERS SHOWN FOR THE GAP RANGE SHOWN.
(905) MINIMUM OF 8 CONTINUOUS FREE STANDING 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)

6

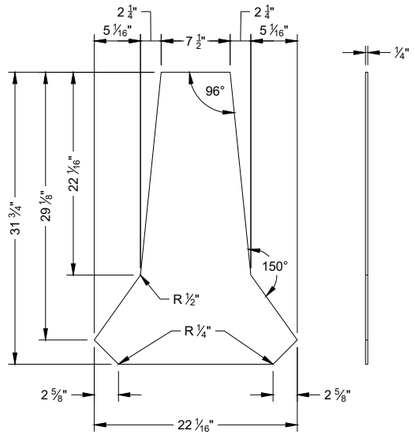
SDD 14B07-16i

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

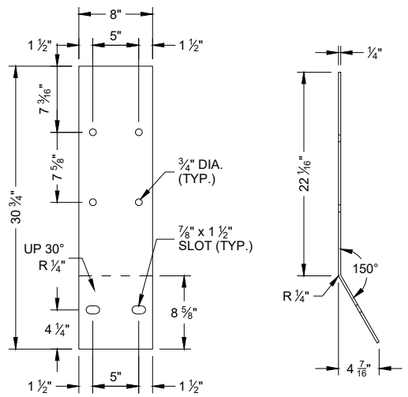
6

SDD 14B07-16i



PROFILE VIEW SIDE VIEW

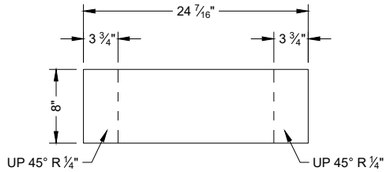
STIFFENER ASSEMBLY CENTER PANEL U1



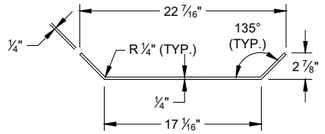
FLAT PATTERN

SIDE VIEW

STIFFENER ASSEMBLY SIDE PANEL U2

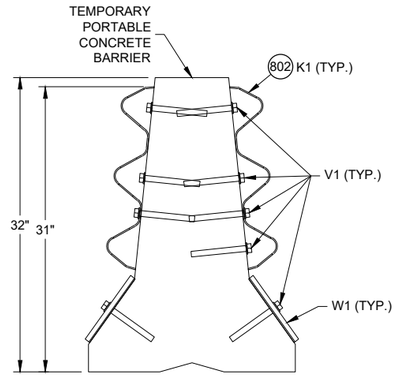


FLAT PATTERN

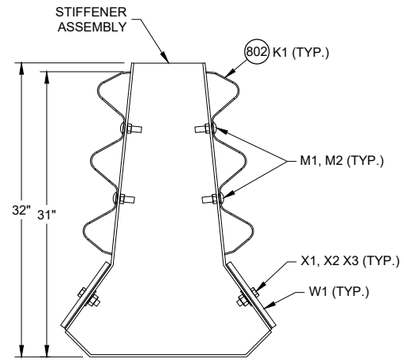


PROFILE VIEW

STIFFENER ASSEMBLY BOTTOM PANEL U3

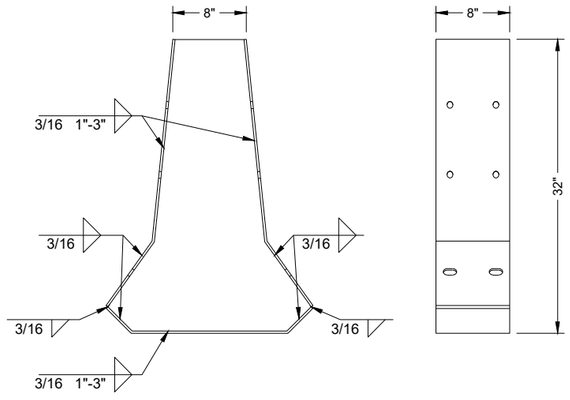


SECTION A - A



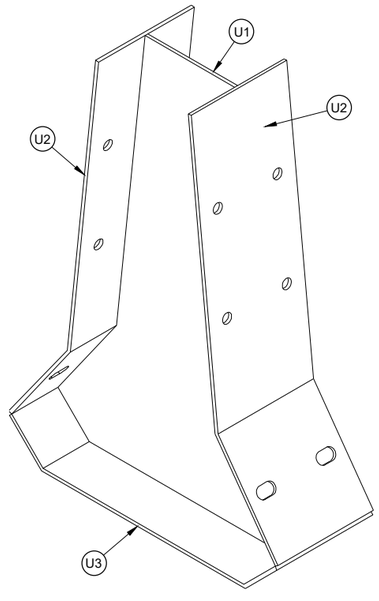
SECTION B - B

PLAN VIEW



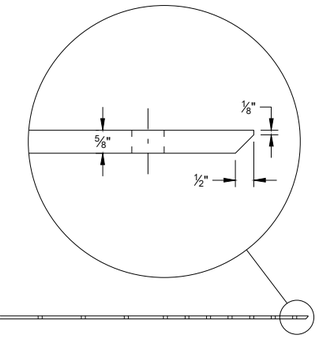
PROFILE VIEW

SIDE VIEW

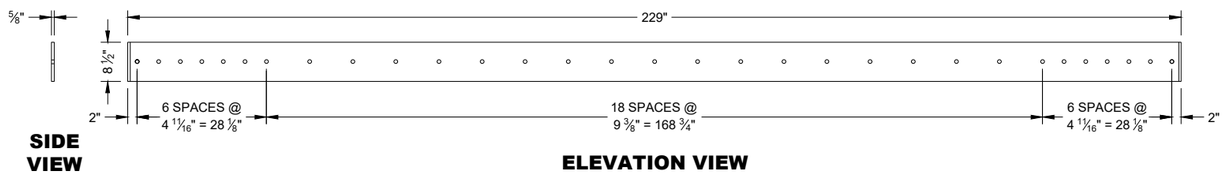


ISOMETRIC

GAP STIFFENER ASSEMBLY



PLAN VIEW



SIDE VIEW

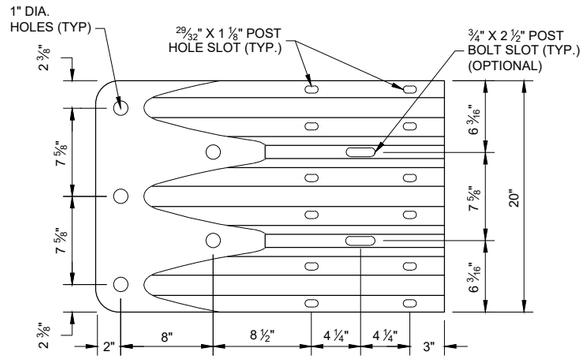
ELEVATION VIEW

W1 TOE PLATE

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

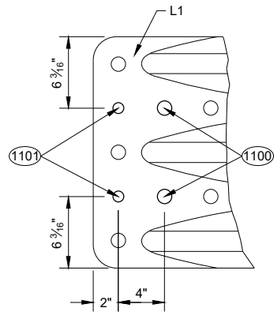
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07-16j



ELEVATION VIEW

THRIE BEAM TERMINAL CONNECTOR



ELEVATION VIEW

ADDITIONAL THRIE BEAM (1102) TERMINAL CONNECTOR HOLE DETAIL

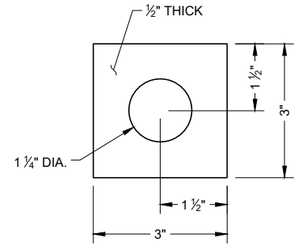


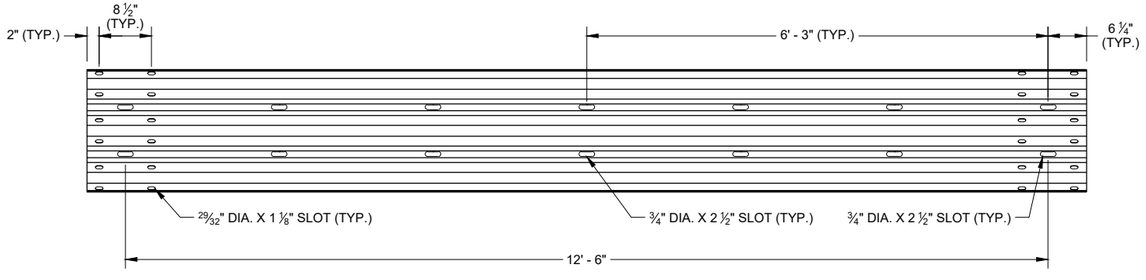
PLATE WASHER DETAIL G2, H3

GENERAL NOTES

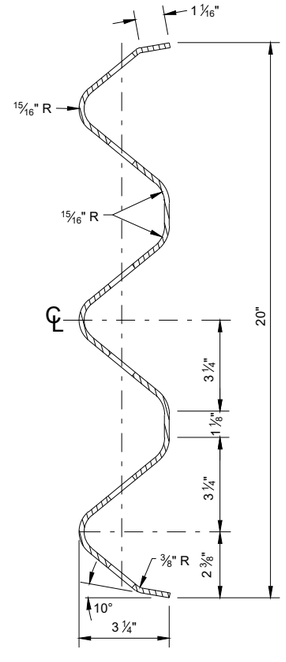
(1100) 1" DIA. HOLE

(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



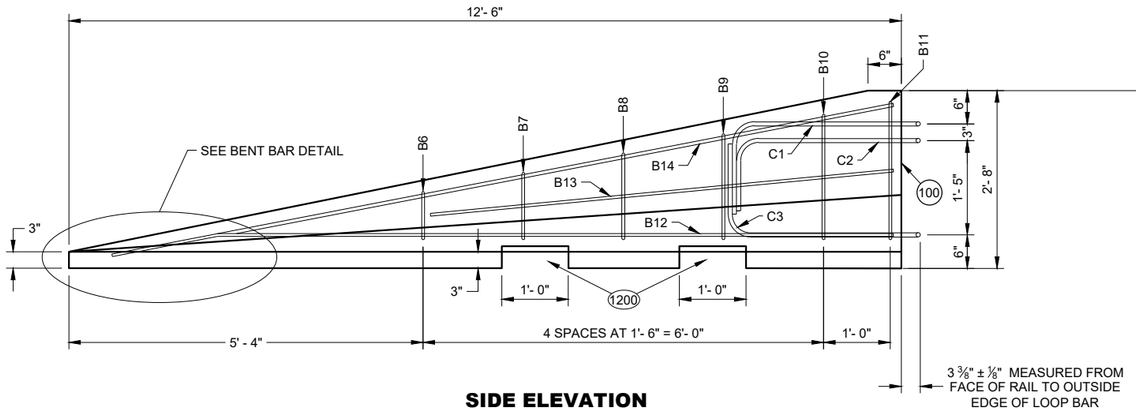
SECTION THROUGH BEAM K1

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

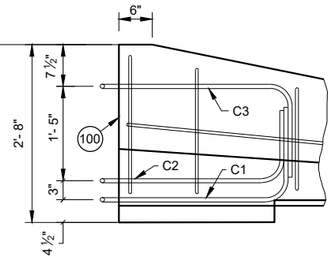
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B07-16k



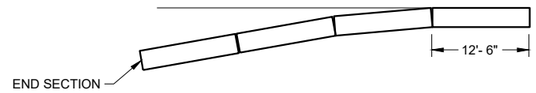
SIDE ELEVATION
(FOR CONNECTION TO LEFT END OF BARRIER)



SIDE ELEVATION
LOOP BAR ASSEMBLY INVERTED FOR OPPOSITE END
(FOR CONNECTION TO RIGHT END OF BARRIER)

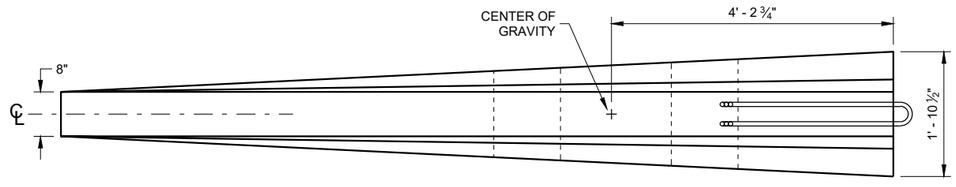
GENERAL NOTES

(1200) SEE LIFTING SLOT DETAIL. LOCATION OF LIFTING SLOTS DETERMINED BY CONTRACTOR.

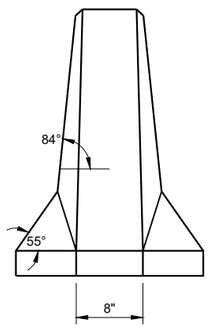


FLARE AT BARRIER END

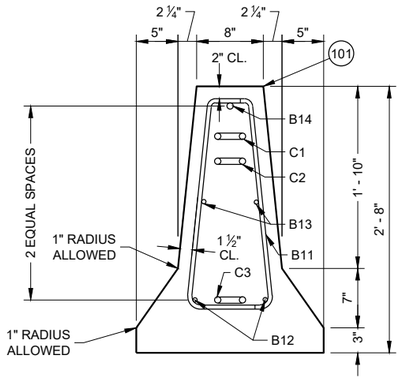
POSTED SPEED, (MPH)	FLARE RATE
40 OR LESS	6:1
45 OR GREATER	8:1



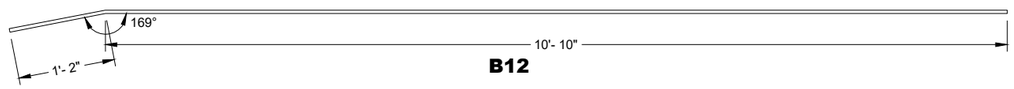
PLAN VIEW



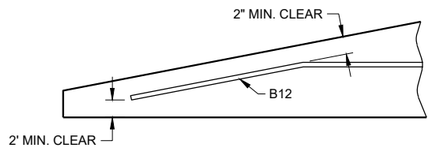
FRONT ELEVATION



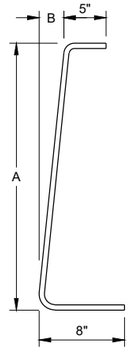
END SECTION



B12



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

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. BOND STRENGTH OF 1,650 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

SDD 14B07-16m

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	

6

SDD 14B07-16n

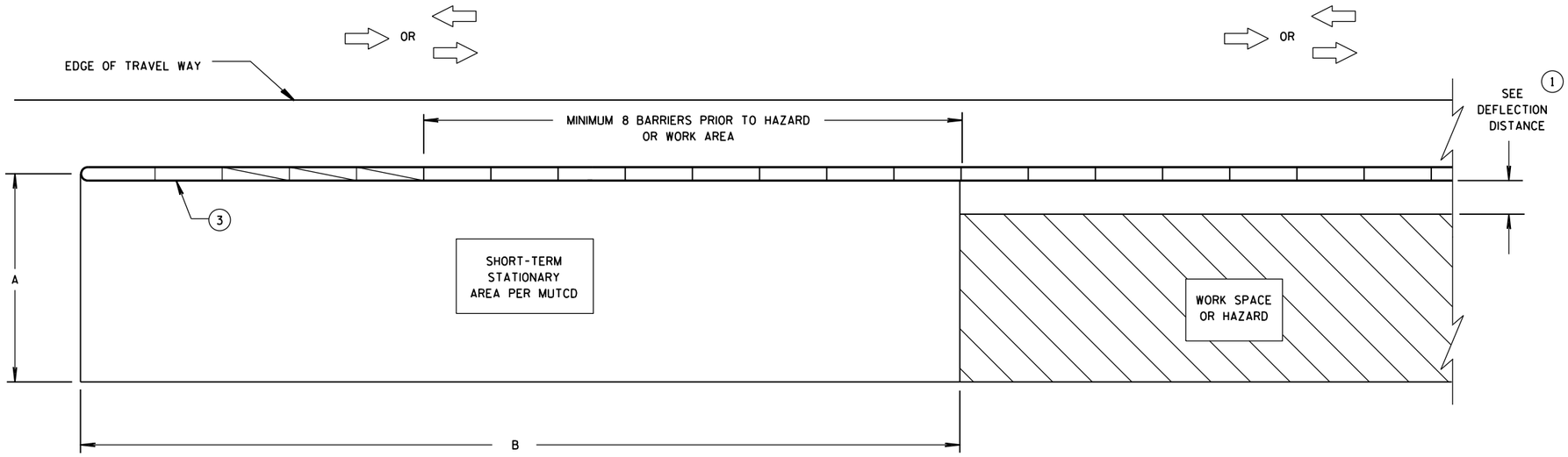
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

6

SDD 14B07-16n



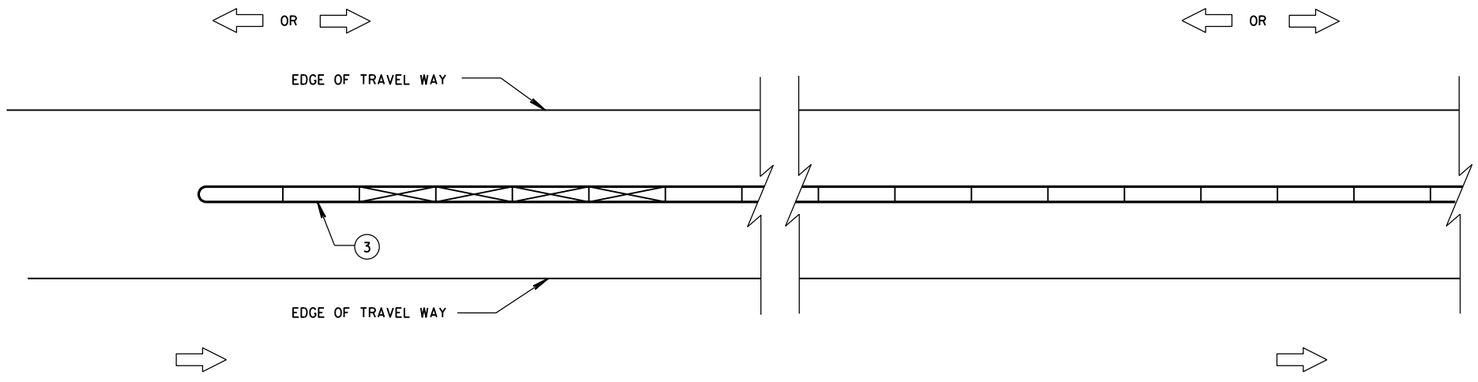
CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON ONE SIDE OF BARRIER

DIMENSION A TABLE (2)

FACILITY	POSTED SPEED MPH	DIMENSION A	
		MIN. FT	MAX. FT
FREEWAY/EXPRESSWAY	ALL	15	20
NON-FREEWAY/EXPRESSWAY	GREATER THAN OR EQUAL TO 45	10	15
NON-FREEWAY/EXPRESSWAY	LESS THAN 45	8	10
AADT LESS THAN 1,500	ALL	8	10

DIMENSION B TABLE (2)

POSTED SPEEDS MPH	DIMENSION B FT
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645



CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON BOTH SIDES OF BARRIER

LEGEND

- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

GENERAL NOTES

SEE STANDARD DETAIL DRAWING 14B7 FOR MORE INFORMATION.

DETAILS PROVIDE A GENERAL LAYOUT OF TEMPORARY CONCRETE BARRIER, CRASH CUSHIONS, SAND BARREL ARRAYS AND TIE DOWN TRANSITIONS. DETAILS PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

ADDITIONAL TEMPORARY BARRIER MAY BE REQUIRED TO PROTECT TRAVELING PUBLIC FROM HAZARDS, CONTRACTOR'S OPERATIONS OR TO CONTROL TRAFFIC.

TEMPORARY BARRIER MAY BE REQUIRED TO BE ANCHORED TO PAVEMENT OR BRIDGE DECK.

FOR DETAILS ON CRASH CUSHION OR SAND BARREL ARRAYS SEE OTHER SECTIONS OF THE PLAN AND MANUFACTURE'S DETAILS.

SLOPES LEADING TO TEMPORARY BARRIER, CRASH CUSHION OR SAND BARREL ARRAY ARE 10:1 OR LESS.

(1) FOR DEFLECTION INFORMATION SEE STANDARD DETAIL DRAWING 14B7.

(2) VALUES PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

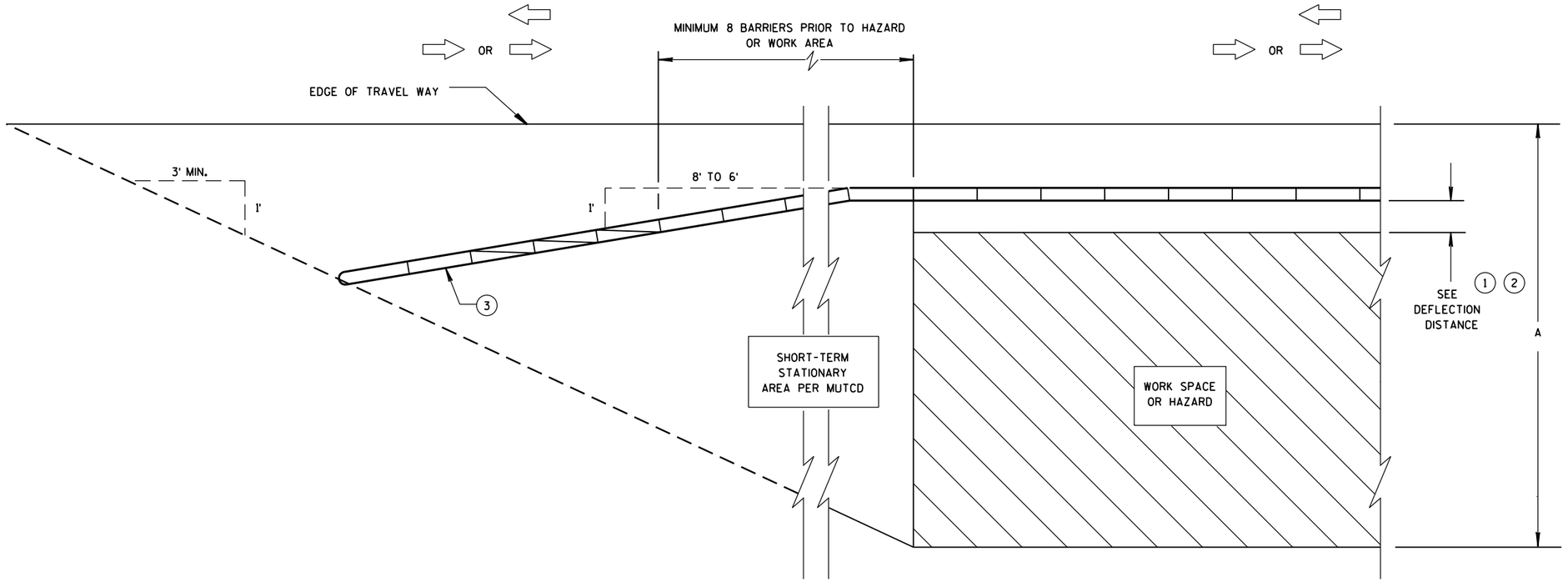
(3) ANCHOR TEMPORARY BARRIER ACCORDING TO CRASH CUSHION OR SAND BARREL MANUFACTURER'S RECOMMENDATIONS. IF MANUFACTURER'S RECOMMENDATIONS ARE NOT PROVIDED, ANCHOR 3 PINS ON TRAFFIC SIDE.

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

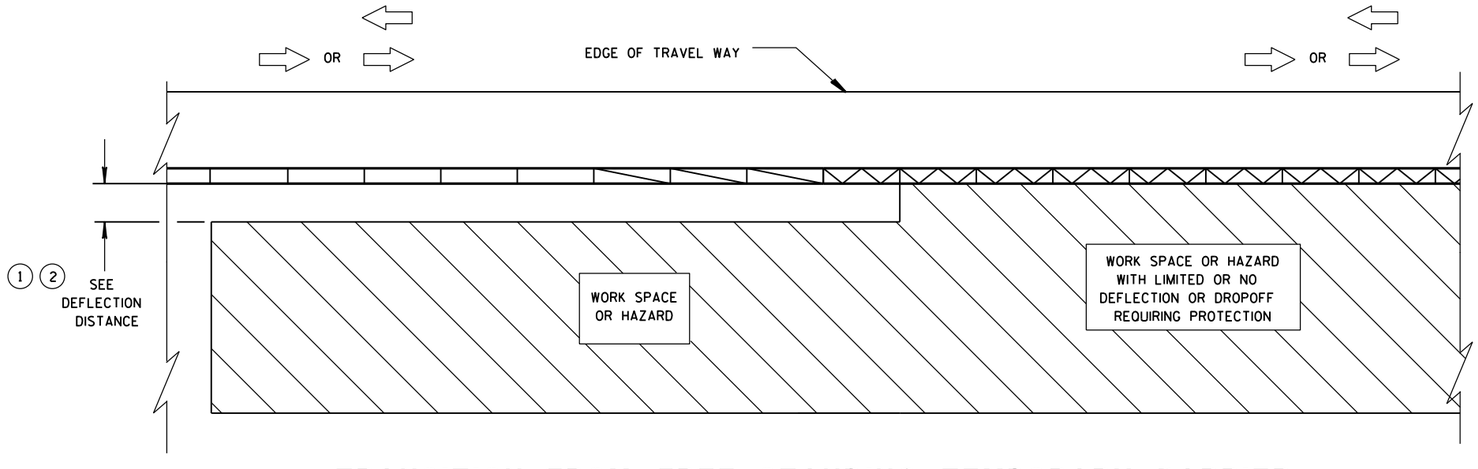
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 8-2a
S.D.D. 14 B 8-2a



CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON ONE SIDE - FLARED INSTALLATION



TRANSITION FROM FREE STANDING TEMPORARY BARRIER TO ANCHORED BARRIER

LEGEND

- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

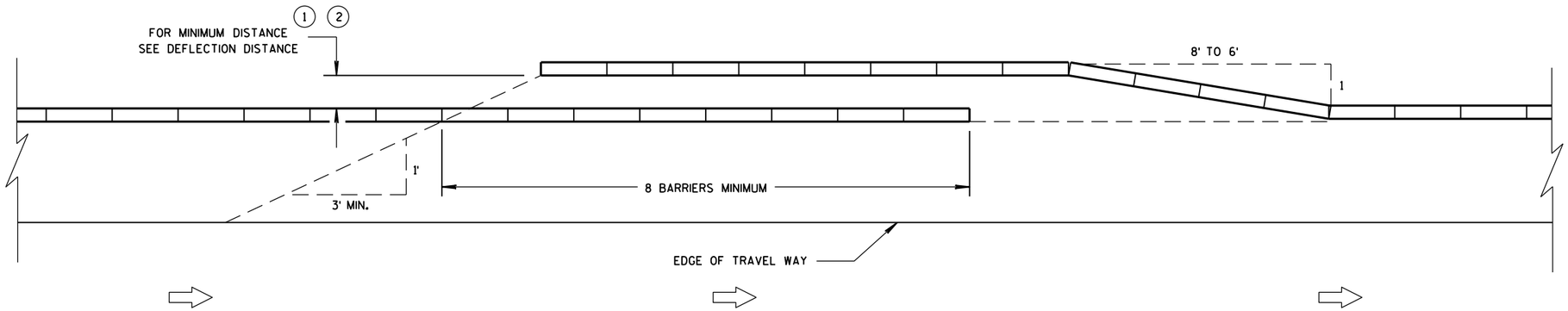
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

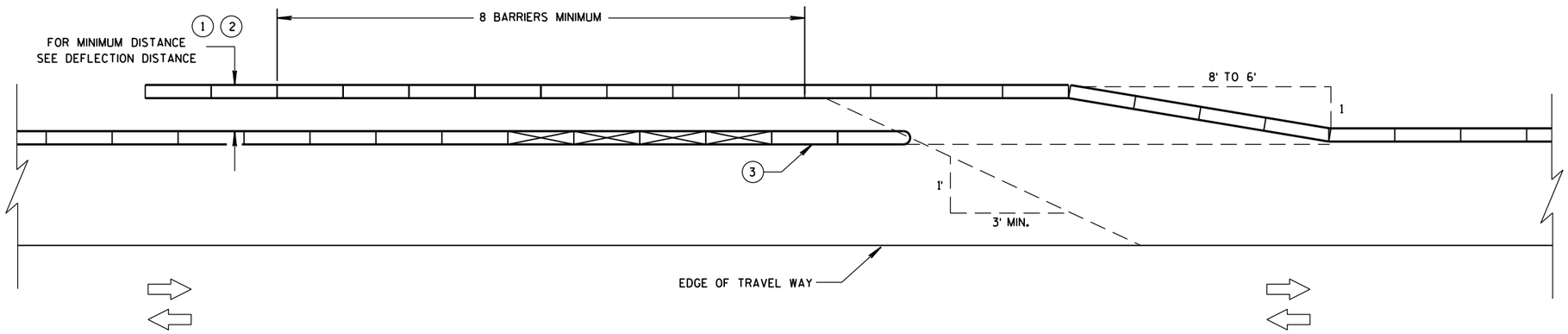
S.D.D. 14 B 8-2b

6

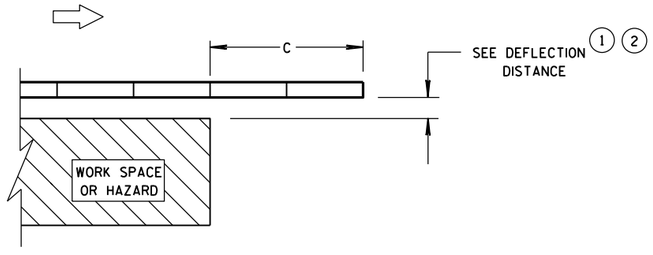
S.D.D. 14 B 8-2b



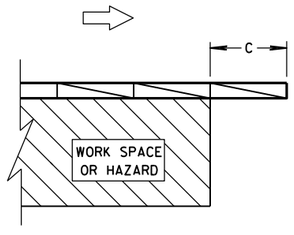
TEMPORARY BARRIER OVERLAP - ONE-WAY TRAFFIC



TEMPORARY BARRIER OVERLAP - TWO-WAY TRAFFIC



ENDING TEMPORARY BARRIER DOWNSTREAM - UNANCHORED



ENDING TEMPORARY BARRIER DOWNSTREAM - ANCHORED

LEGEND

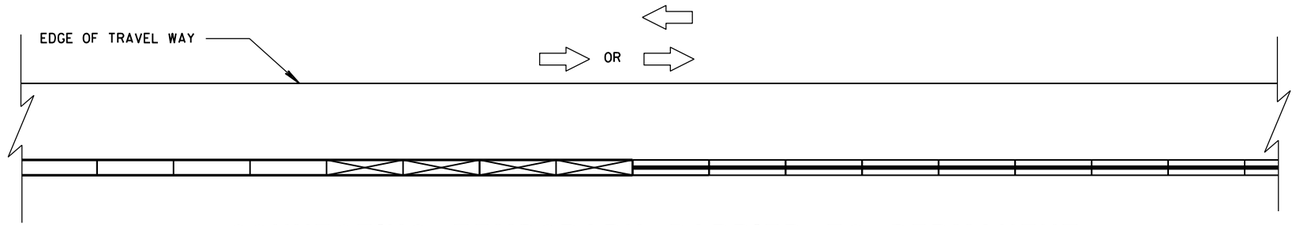
- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

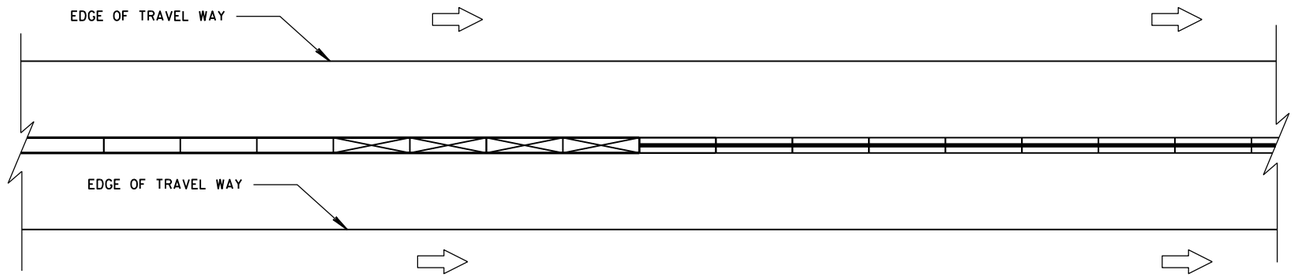
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 8-2c



CONNECTING TEMPORARY BARRIER TO PERMANENT
CONCRETE BARRIER-TRAFFIC ON ONE SIDE



CONNECTING TEMPORARY BARRIER TO PERMANENT
CONCRETE BARRIER-TRAFFIC ON BOTH SIDES

LEGEND

DIRECTION OF TRAVEL

CRASH CUSHION OR
SAND BARREL ARRAY

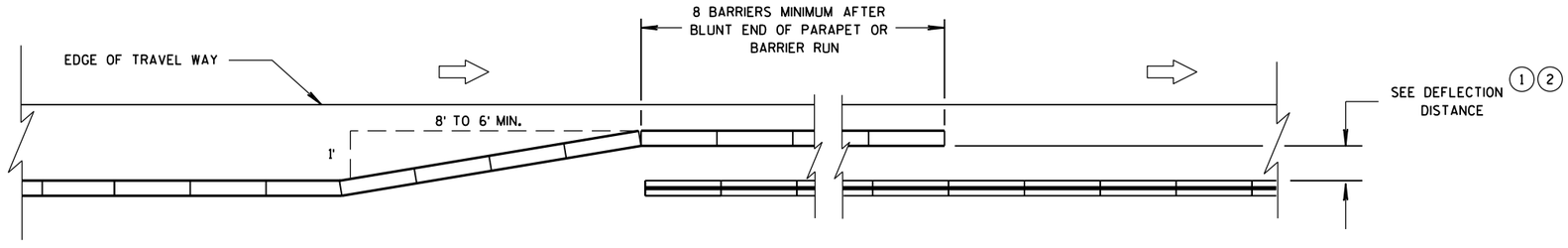
SEE FREE STANDING TRANSITION
TO TIED-DOWN SYSTEM DETAILS

SEE BI-DIRECTIONAL TRANSITION
TO TIED-DOWN SYSTEM DETAILS

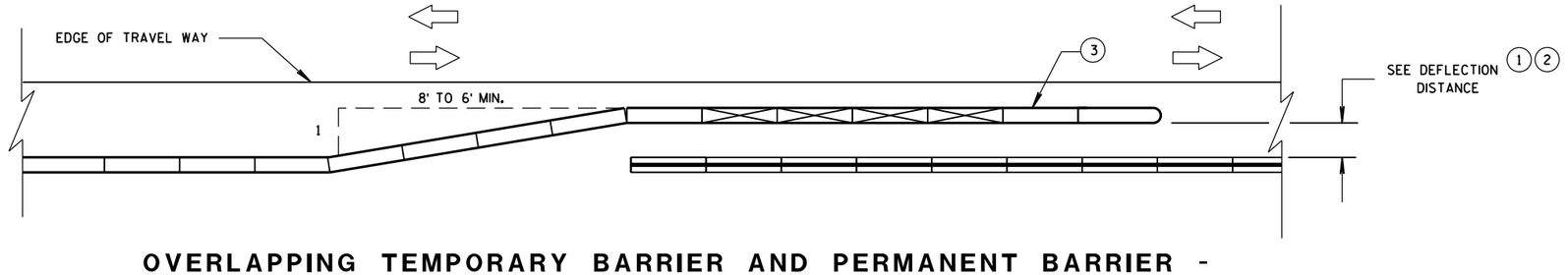
3 PINS PLACED ON
TRAFFIC SIDE OF BARRIER

PERMANENT CONCRETE BARRIER
OR CONCRETE PARAPET

FREE STANDING TEMPORARY
BARRIER



OVERLAPPING TEMPORARY BARRIER AND PERMANENT BARRIER -
ONE WAY TRAFFIC



OVERLAPPING TEMPORARY BARRIER AND PERMANENT BARRIER -
TWO WAY TRAFFIC

CRASH CUSHION/SAND BARREL
ARRAY AND OTHER TEMPORARY
BARRIER LAYOUT DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 14 B 8-2d

LEGEND

DIRECTION OF TRAVEL

CRASH CUSHION OR SAND BARREL ARRAY

SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS

SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS

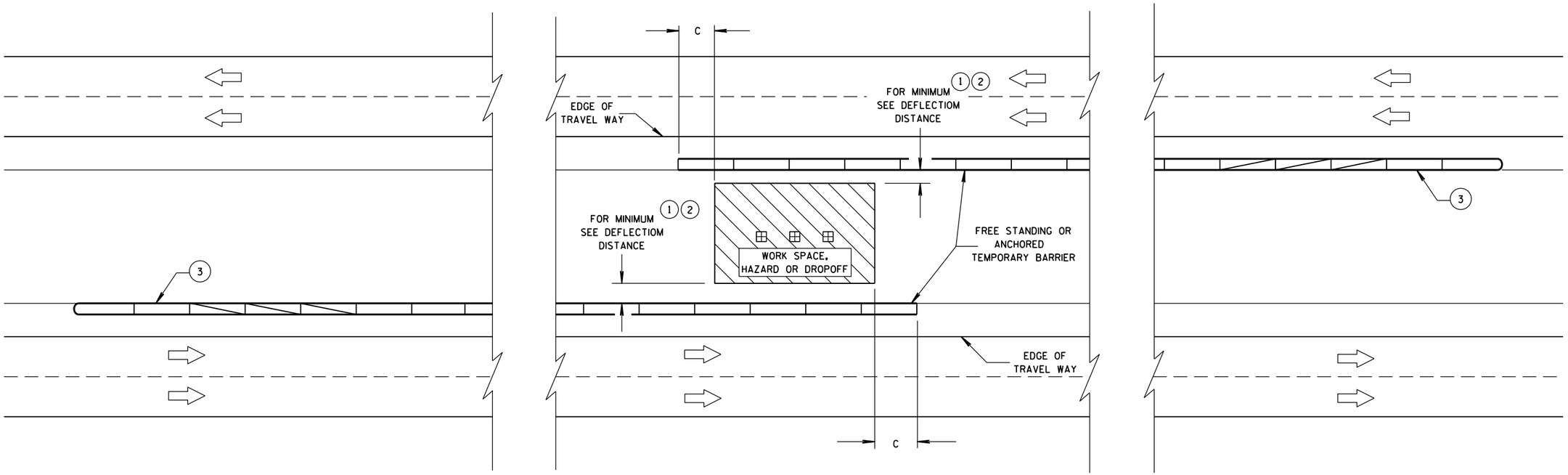
3 PINS PLACED ON TRAFFIC SIDE OF BARRIER

PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET

FREE STANDING TEMPORARY BARRIER

DIMENSION C TABLE (2)

AVAILABLE DEFLECTION DISTANCE	MINIMUM LENGTH OF BARRIER BEYOND HAZARD FT
GREATER THAN 8'	12.5
LESS THAN OR EQUAL TO 8' BUT GREATER THAN 4'	50
LESS THAN OR EQUAL TO 4'	100



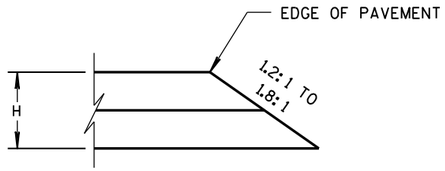
CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINNER
FHWA

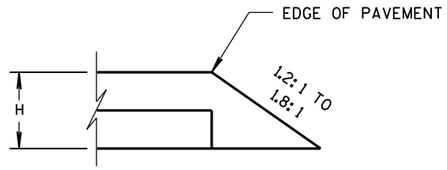
6

S.D.D. 14 B 8-2e



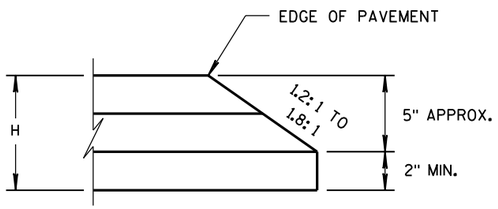
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



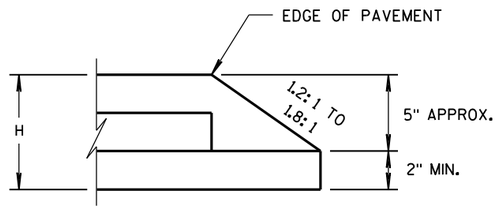
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

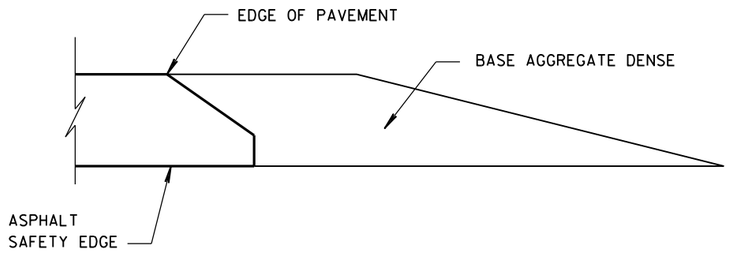
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

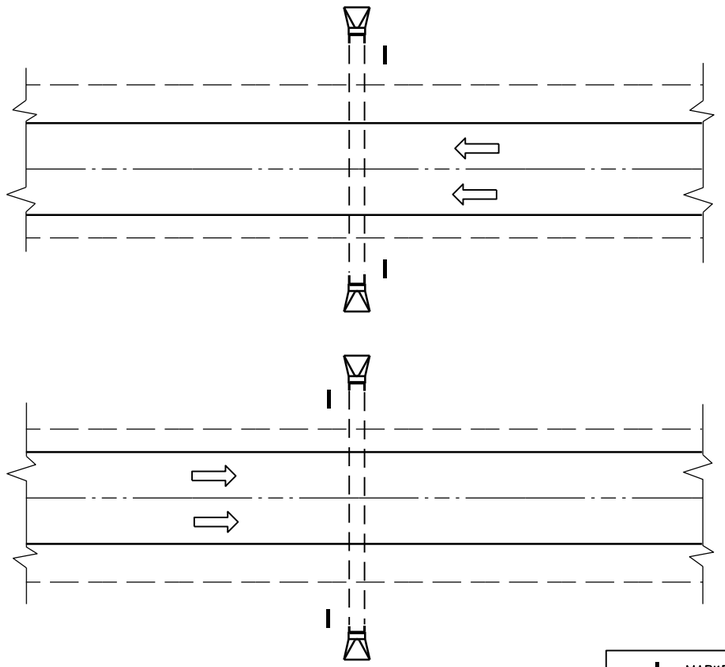
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

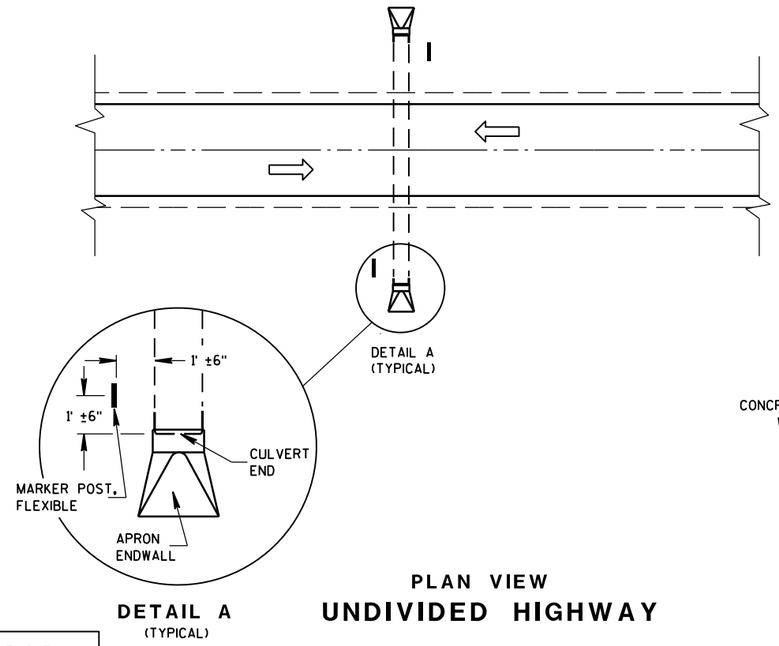
/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

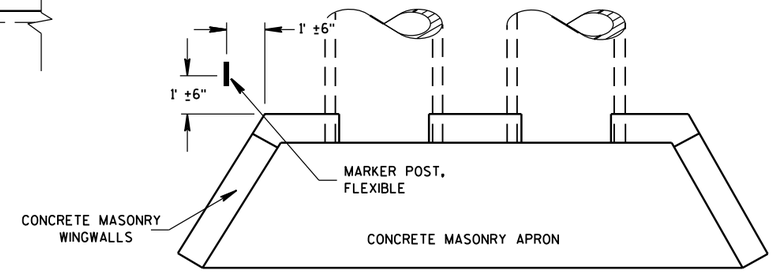
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

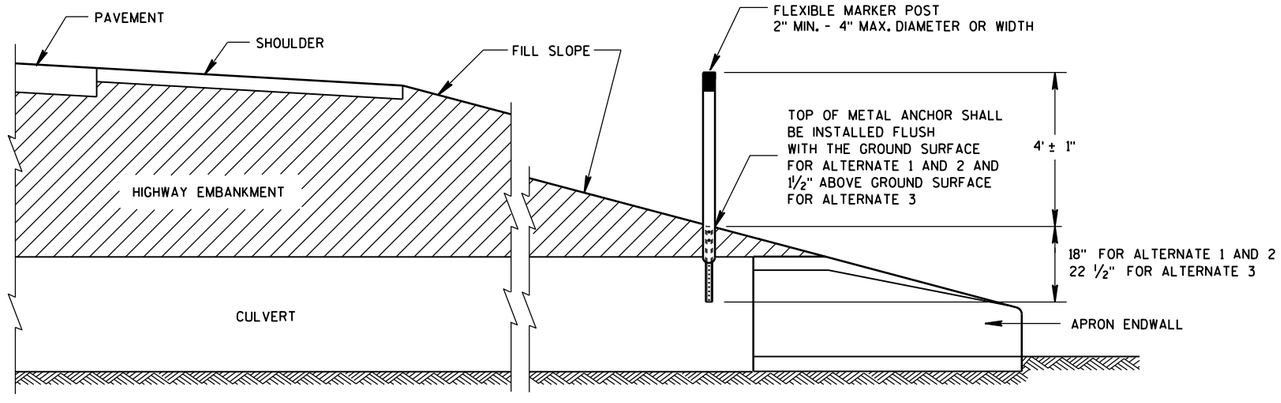
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST
FOR CULVERT END

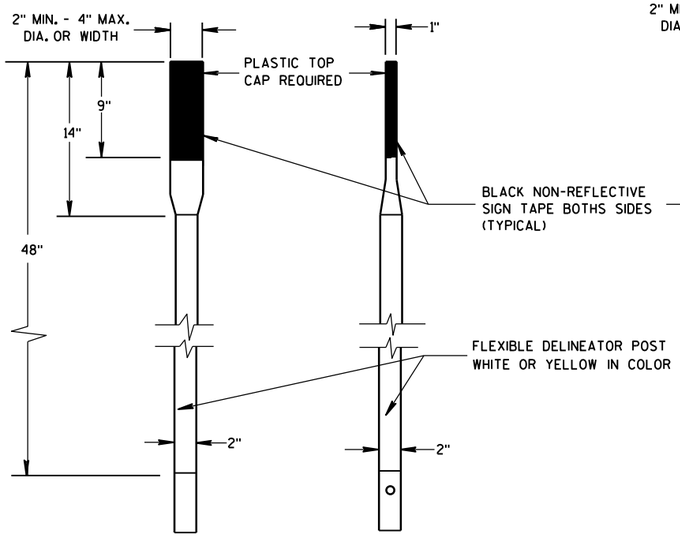
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

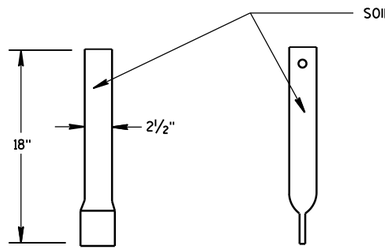
6

S.D.D. 15 A 3-2a

6

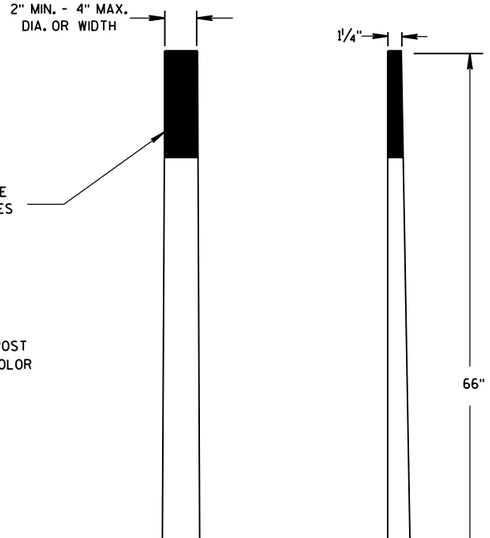
S.D.D. 15 A 3-2a





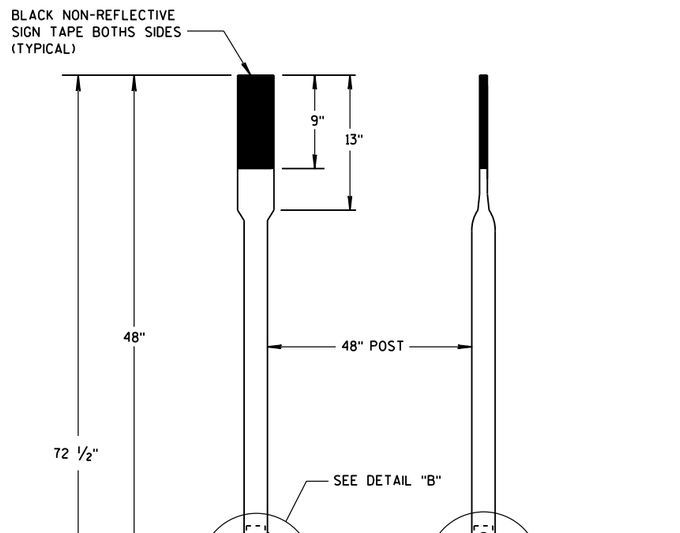
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

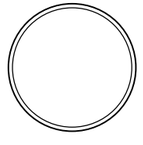
ALTERNATE 2



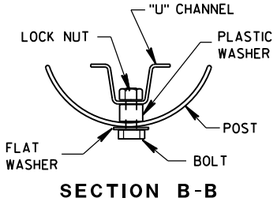
FRONT VIEW SIDE VIEW

ALTERNATE 3

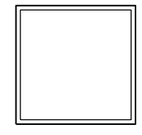
FLEXIBLE MARKER POSTS



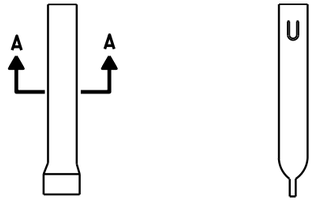
SECTION A-A



SECTION B-B

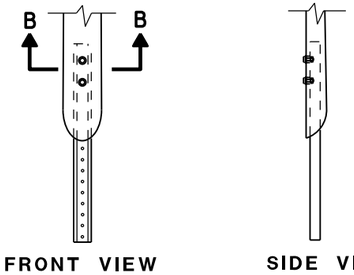


SECTION C-C



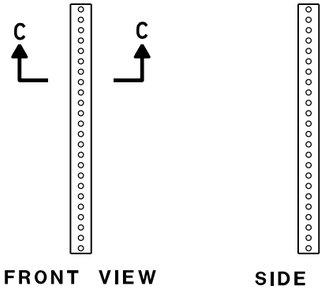
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

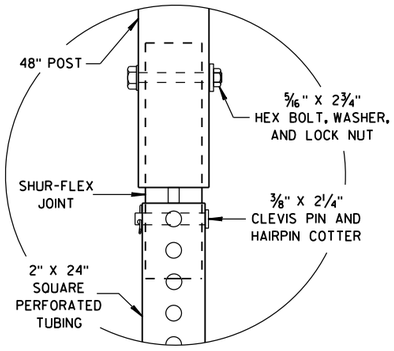
ALTERNATE 2



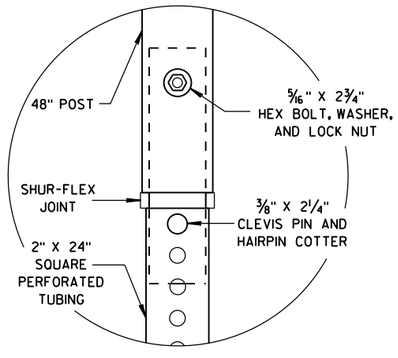
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

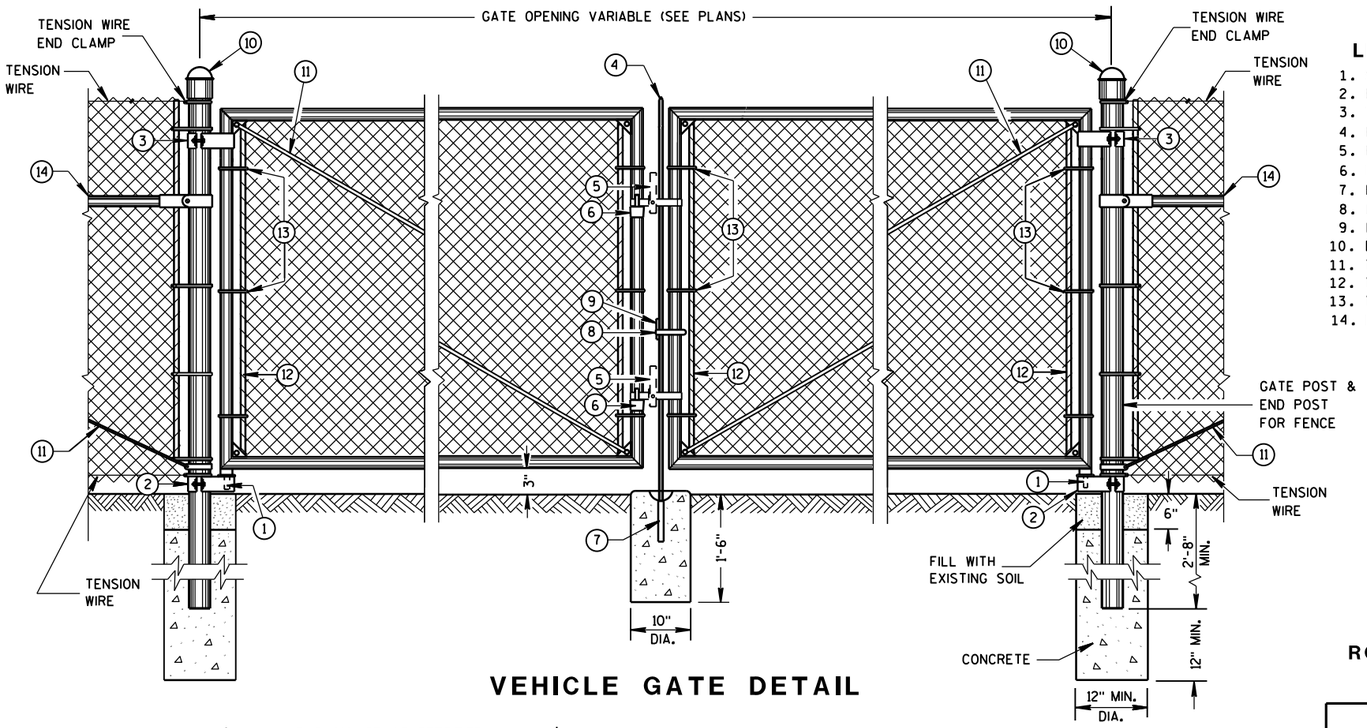
APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

6

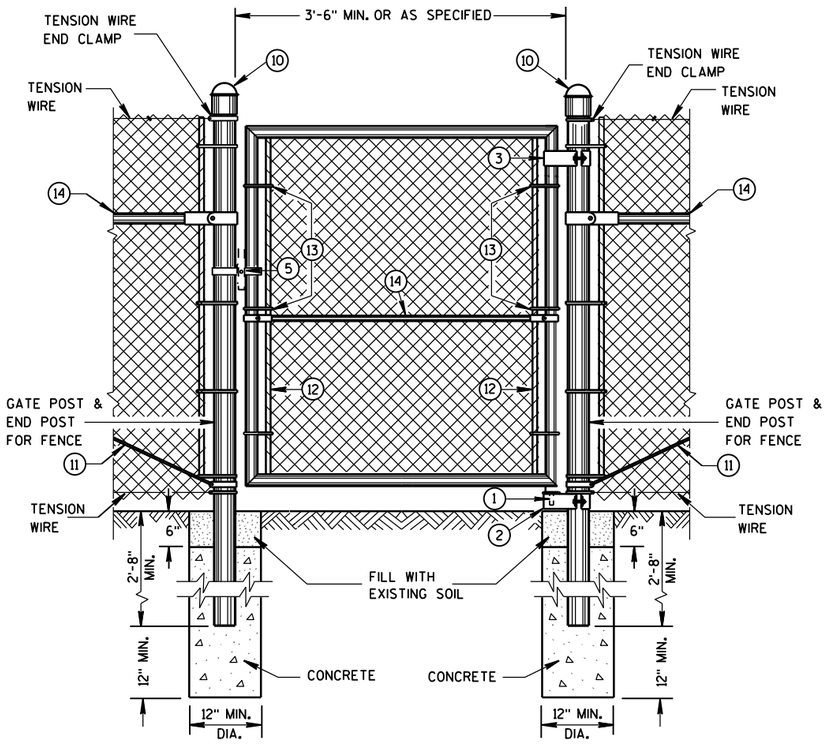
S.D.D. 15 A 3-2b

6

S.D.D. 15 A 3-2b



VEHICLE GATE DETAIL



PEDESTRIAN GATE DETAIL

LEGEND

1. STRAIGHT PLUG
2. BOTTOM HINGE
3. TOP HINGE
4. PLUNGER ROD
5. FULCRUM LATCH
6. FORK CATCH *
7. PLUNGER ROD CATCH
8. LOCK KEEPER GUIDE
9. LOCK KEEPER
10. DOME TOPS
11. TRUSS RODS
12. TENSION BAR
13. TENSION BANDS
14. BRACE RAIL

*NOT REQUIRED ON SINGLE SWING PEDESTRIAN GATE

GENERAL NOTES

FENCE POSTS INSTALLED ON CONCRETE WALLS SHALL BE ANCHORED INTO EMBEDDED METAL SLEEVES OR CORED HOLE BY FILLING THE ANNULAR SPACE WITH PEA GRAVEL FOLLOWED BY AN EPOXY RESIN ADHESIVE. THE EPOXY RESIN ADHESIVE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 235, CLASS A, B OR C.

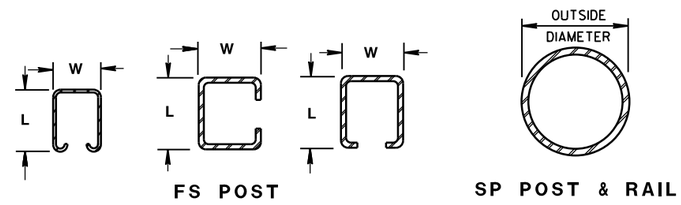
USE FENCE FABRIC KNUCKLED AT BOTH SELVAGES.

FOR LEAF GATES GREATER THAN 8 FEET WIDE, INSTALL INTERIOR VERTICAL BRACE RAIL AT 8 FOOT INTERVALS.

FOR FABRIC HEIGHTS GREATER THAN 8 FEET, INSTALL INTERIOR HORIZONTAL BRACE RAILS TO LEAF GATE.

MAXIMUM SAG FOR OUTER GATE MEMBER SHALL NOT EXCEED THE GREATER OF 1% OF THE LEAF GATE WIDTH OR 2 INCHES.

USE TYPE 2, CLASS 3, MARCELLED/CRIMPED, TENSION WIRE PER ASTM A 817.



CROSS SECTIONS OF POSTS AND RAILS

ROLLED-FORMED STEEL FENCE POST (2.0 OZ./SQ. FT. COATING)

POST TYPE	LENGTH (L) INCH	WIDTH (W) INCH	WEIGHT LBS/FT
FS1	1.625	1.25	1.35
FS2†	1.875	1.625	1.850
FS2	1.875	1.625	2.400
FS3	2.250	1.700	2.780

ROUND STEEL FENCE POST (1.8 OZ./SQ. FT. COATING)

POST TYPE	OUTSIDE DIMENSION INCH	WALL THICKNESS INCH	WEIGHT LBS/FT
SP1	1.660	0.140	2.270
SP2	1.900	0.145	2.720
SP3	2.375	0.154	3.650
SP4	2.875	0.203	5.800
SP5	4.000	0.226	9.120
SP6	6.625	0.280	18.990
SP7	8.625	0.322	28.580

REQUIRED FENCE POST SIZES

USE	FABRIC HEIGHTS FEET	POST TYPE
TERMINAL POSTS **	LESS THAN OR EQUAL TO 6 FT.	SP3
	GREATER THAN OR EQUAL TO 6 FT.	SP4
LINE POSTS	LESS THAN OR EQUAL TO 6 FT.	SP2
	LESS THAN OR EQUAL TO 8 FT.	SP3
	GREATER THAN OR EQUAL TO 8 FT.	SP4
	LESS THAN OR EQUAL TO 8 FT.	FS2 OR FS2†
	GREATER THAN OR EQUAL TO 8 FT.	FS3

REQUIRED POST SIZE FOR GATES

USE	LEAF WIDTHS FEET	POST TYPE
GATES	LESS THAN OR EQUAL TO 6 FT.	SP4
	LESS THAN OR EQUAL TO 13 FT.	SP5
	LESS THAN OR EQUAL TO 18 FT.	SP6
	LESS THAN OR EQUAL TO 23 FT.	SP7

BRACE RAIL TYPES

USE		TYPE
BRACE RAIL		SP1 OR FS1

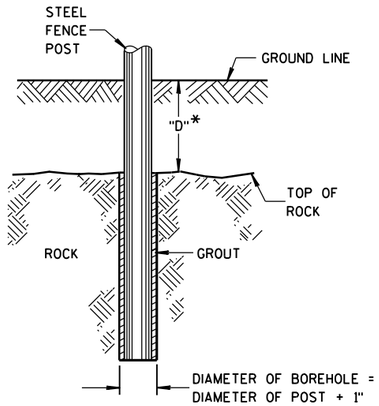
** INCLUDES END, CORNER, ANGLE, INTERSECTION AND INTERMEDIATE BRACED POSTS

FENCE CHAIN LINK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

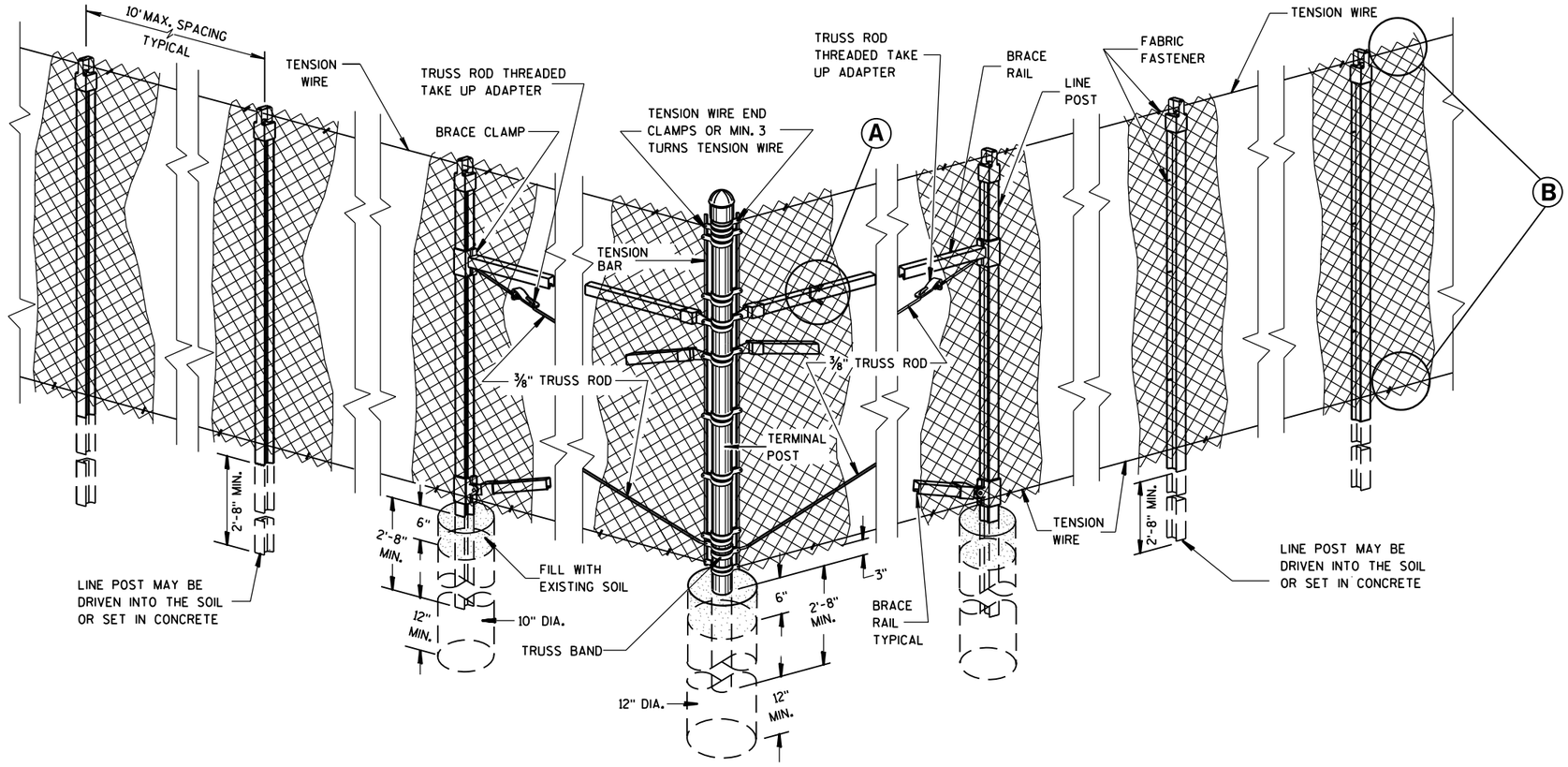
6

S.D.D. 15 B 3-15a

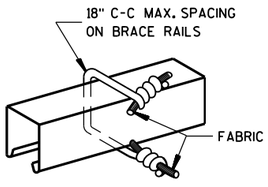


*IF "D" IS LESS THAN 2'-6", DRILL ROCK AND INSTALL GROUT

ROCK INSTALLATION OF LINE POST



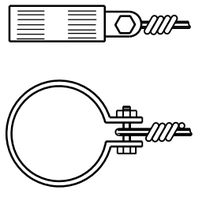
END, CORNER, ANGLE INTERSECTION & INTERMEDIATE BRACED POSTS



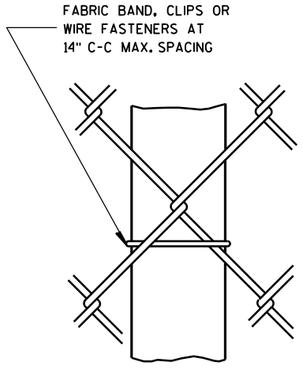
BRACE RAIL

FABRIC FASTENER

Ⓐ



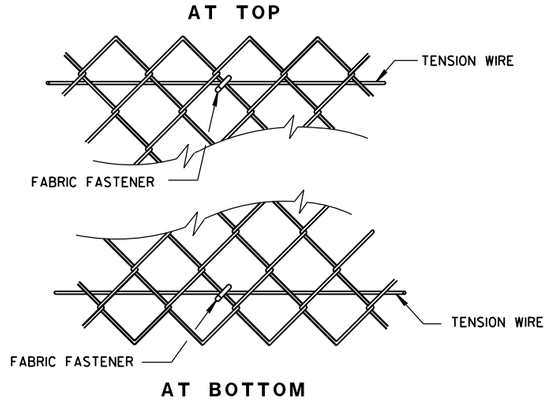
TENSION WIRE END CLAMP



LINE POST

FABRIC FASTENER

AT TOP



AT BOTTOM

SELVAGES

Ⓑ

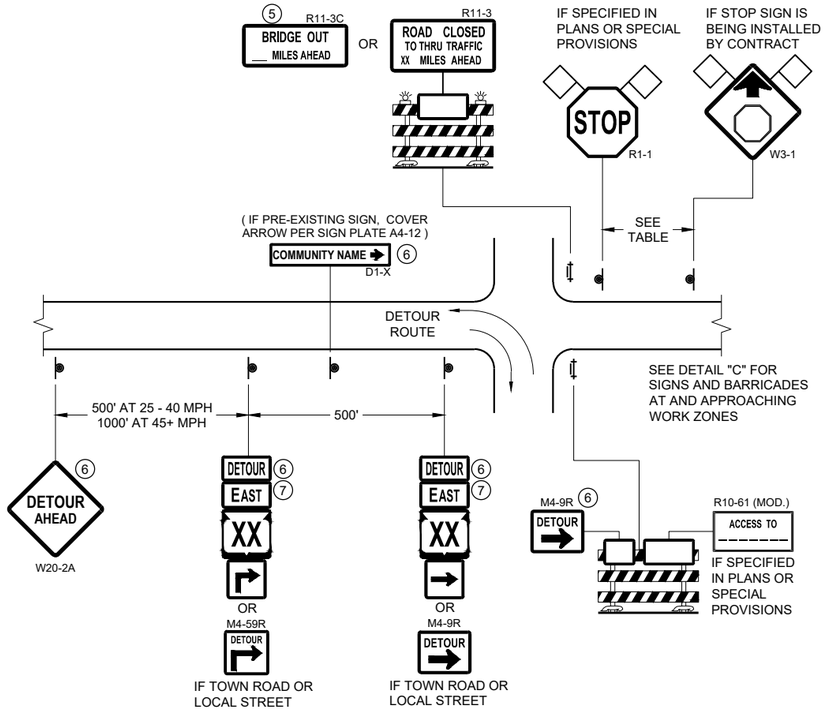
FENCE CHAIN LINK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
FEB. 2015 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

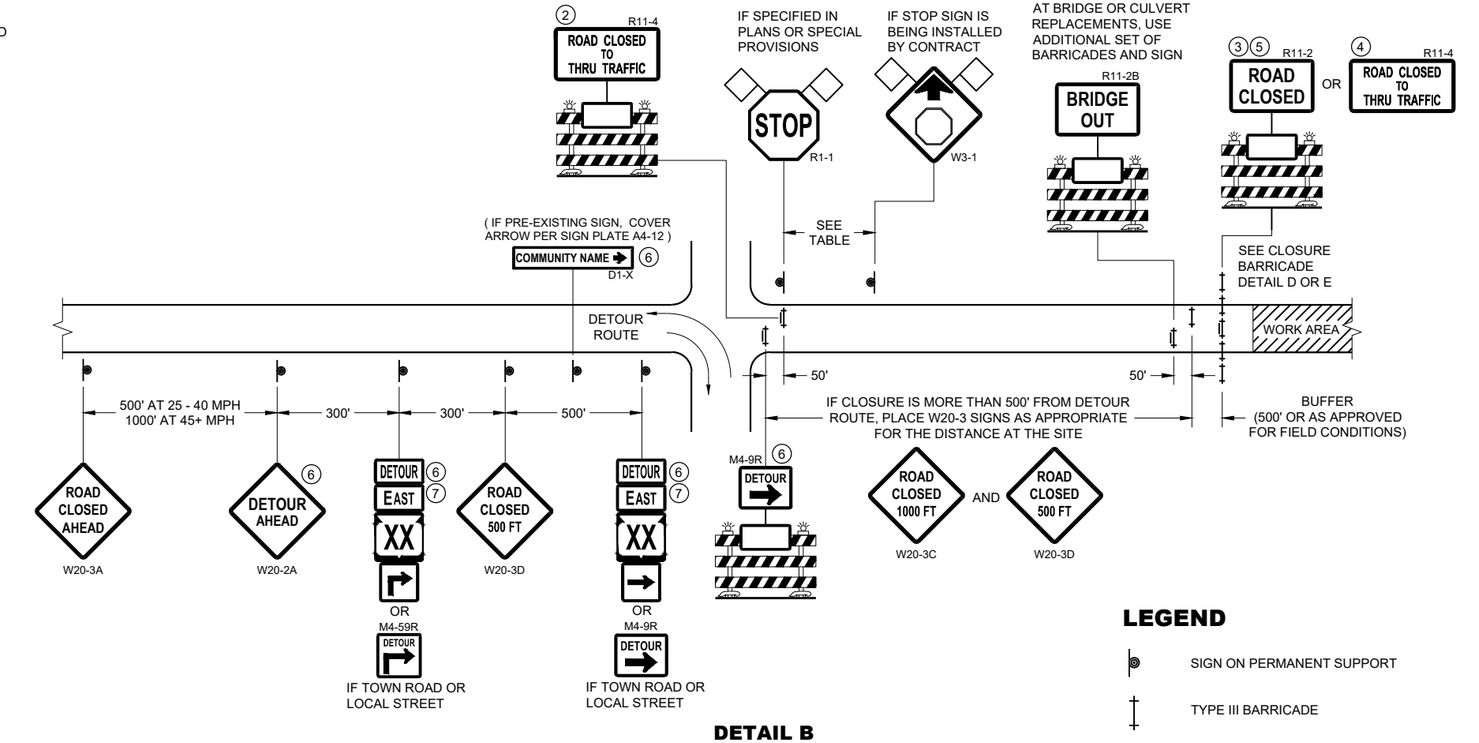
6

S.D.D. 15 B 3-15b



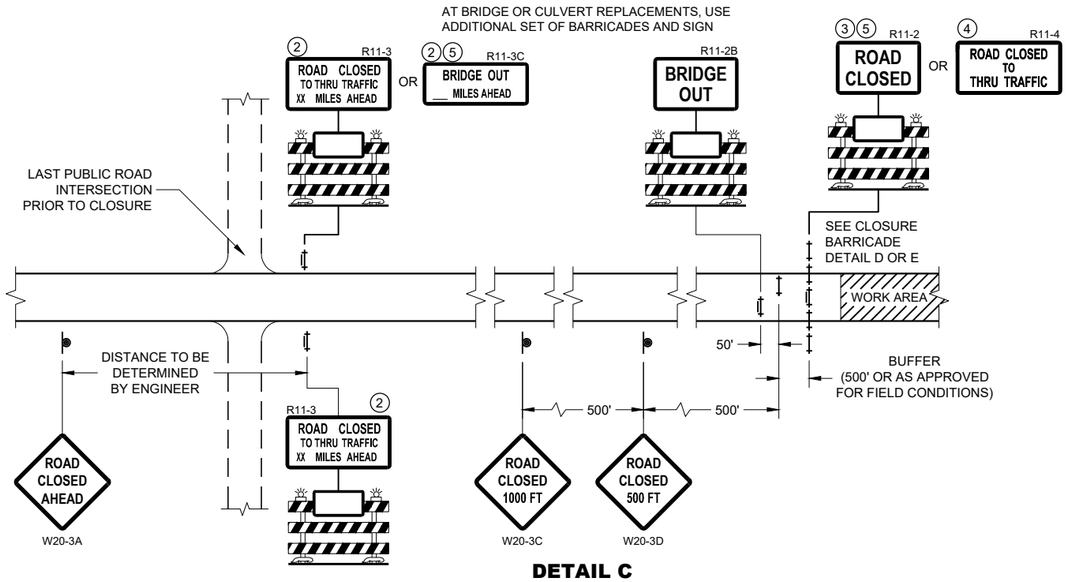
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

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

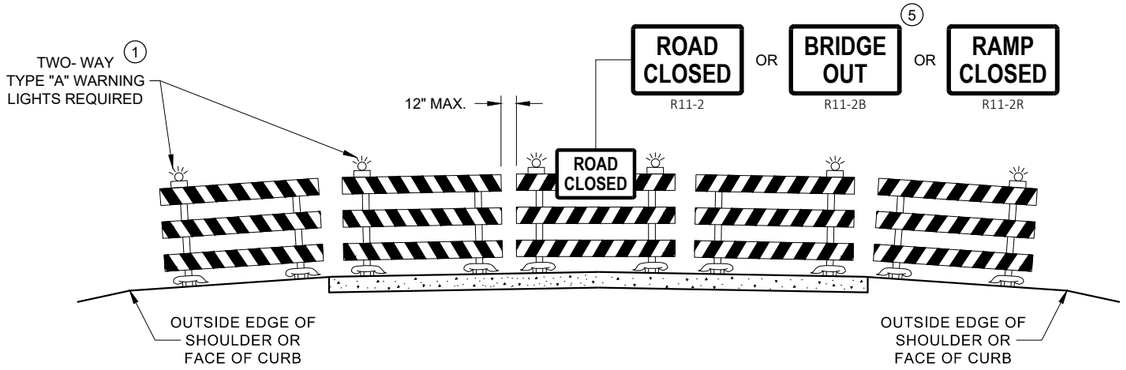
APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

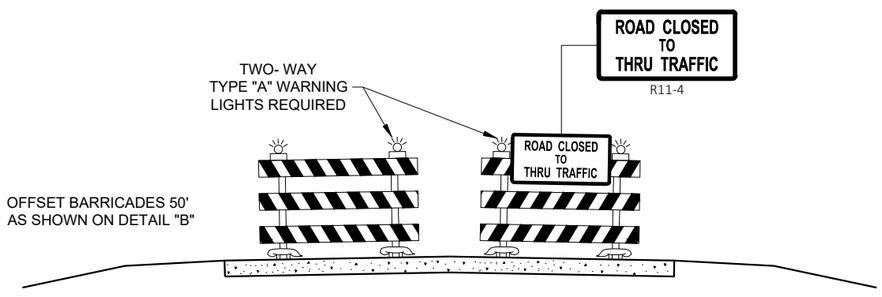
6

SDD 15C02 - 09a

SDD 15C02 - 09a



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
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

6

SDD 15C02 - 09b

6

SDD 15C02 - 09b

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.

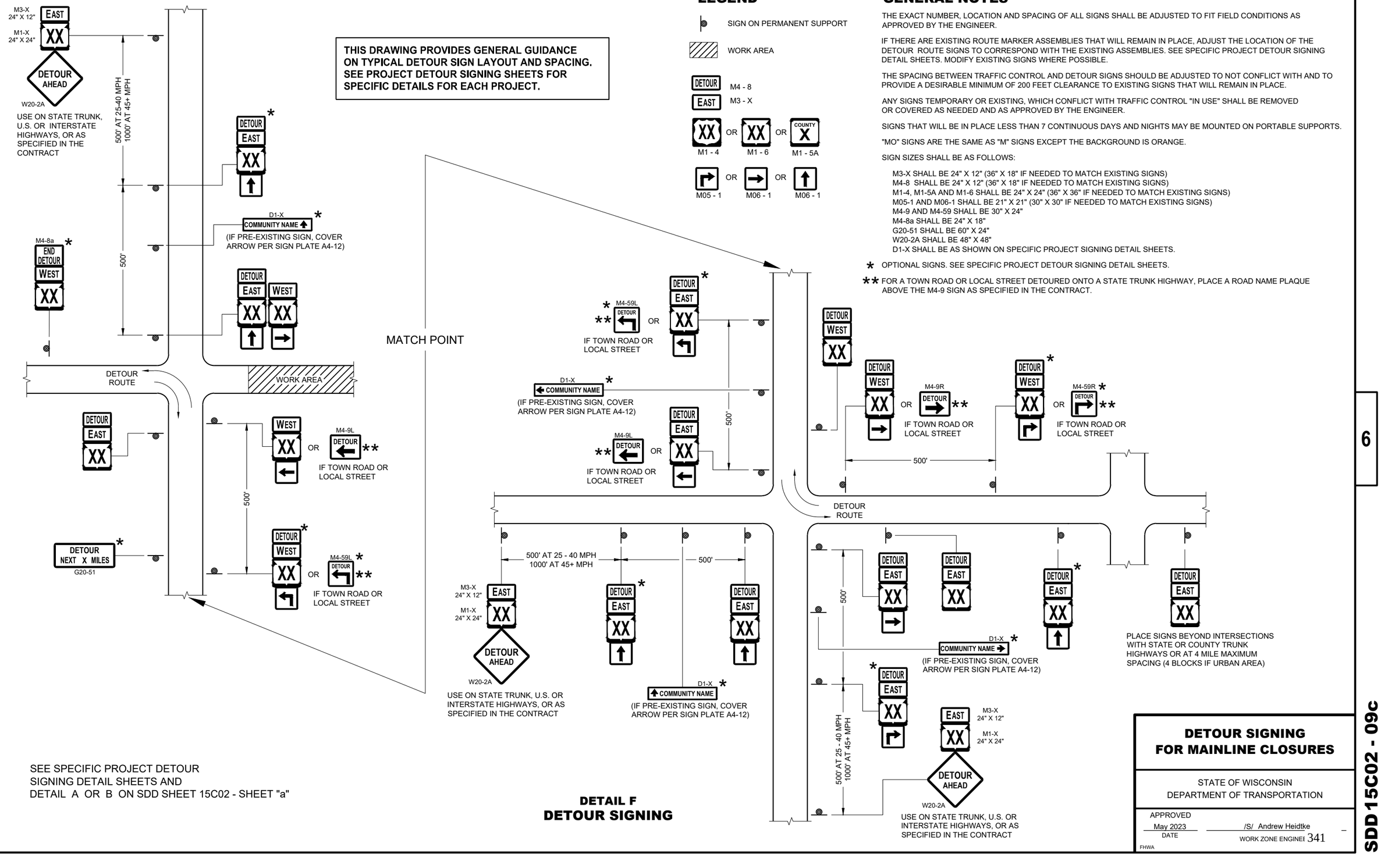
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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

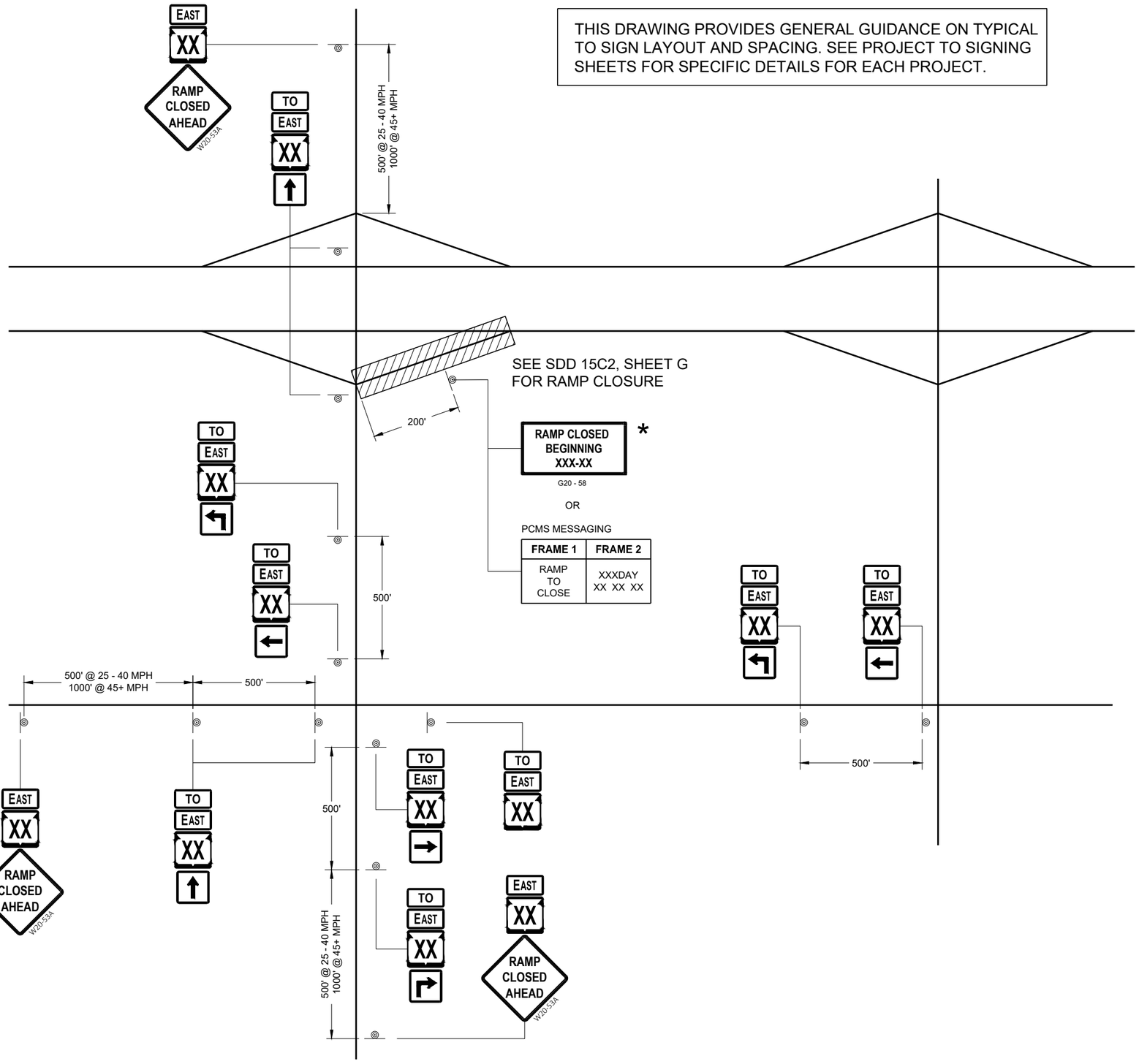
APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15C02 - 09c



THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL TO SIGN LAYOUT AND SPACING. SEE PROJECT TO SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

SIGN ON PERMANENT SUPPORT

TO EAST — MO4 - 5, M3 - X

XX M1 - 6 OR XX M1 - 4 OR INTERSTATE XX M1 - 1

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 ANY ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE TO ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT TO SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND TO 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 SHALL 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 FOLLOW:
- M3 - X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS).
- MO4 - 5 SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS).
- M1 - 1, M1 - 4, AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS).
- MO5 - 1, MO5 - 2, AND MO6 - 1, SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS).
- W20 - 53A SHALL BE 48" X 48"

* PLACE "RAMP CLOSED BEGINNING" SIGN 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR LAYOUT.

ON RAMP LANE CLOSURE

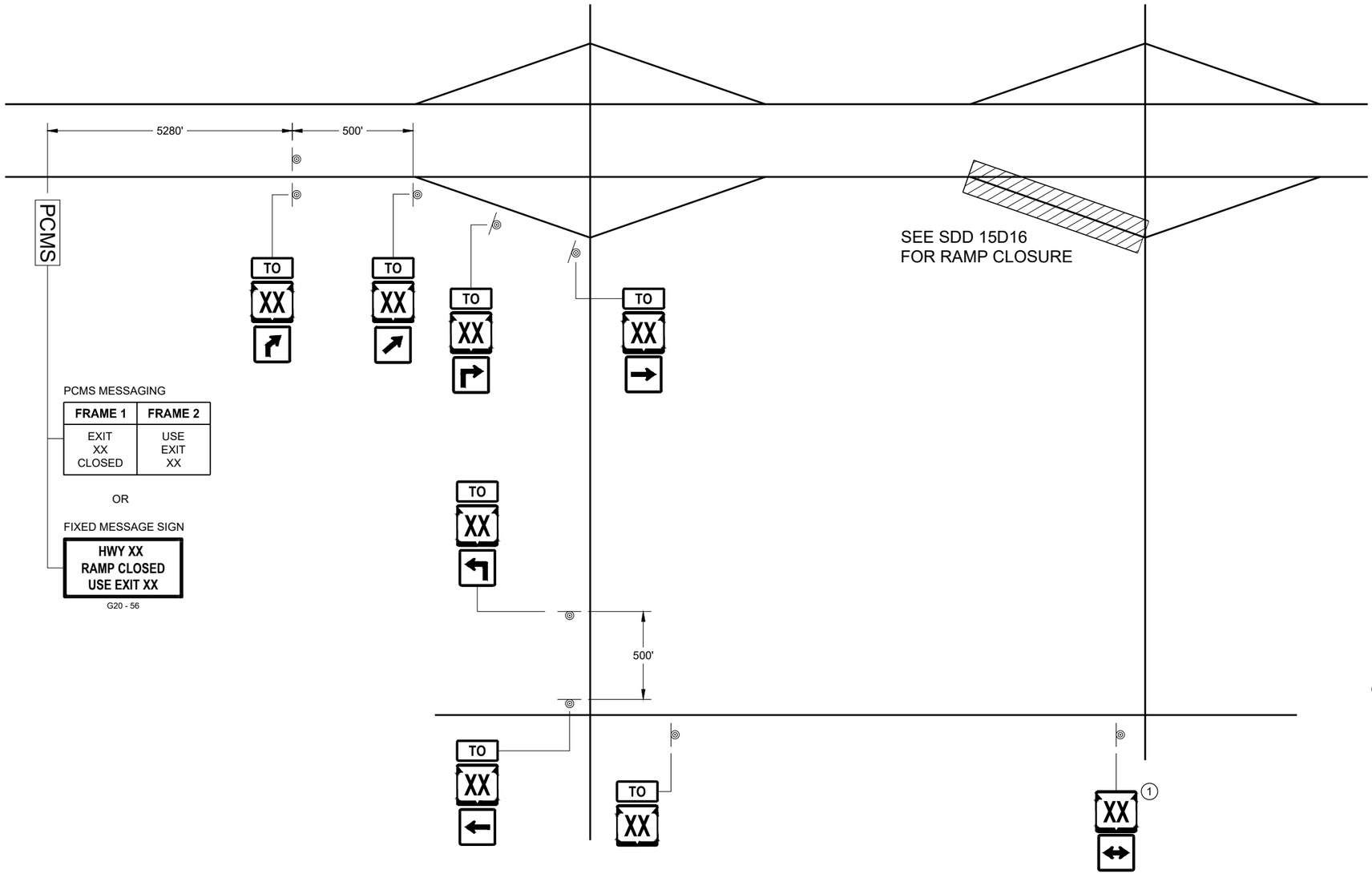
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

6

SDD 15C02 - 09d

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL "TO" MO-4 SIGN LAYOUT AND SPACING. SEE PROJECT TO SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.



PCMS MESSAGING

FRAME 1	FRAME 2
EXIT XX CLOSED	USE EXIT XX

OR

FIXED MESSAGE SIGN

HWY XX
RAMP CLOSED
USE EXIT XX

G20 - 56

LEGEND

SIGN ON PERMANENT SUPPORT

PCMS PORTABLE CHANGEABLE MESSAGE SIGN

TO MO4 - 5

XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A

M05 - 1 OR M05 - 2 OR M06 - 1 OR M06 - 2 OR M06 - 4

GENERAL NOTES

SEE SDD 15D16 "TRAFFIC CONTROL, EXIT RAMP CLOSURE" DETAIL FOR TRAFFIC CONTROL AT EXIT RAMP CLOSURE.

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

IF THERE ARE ANY ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE "TO" MO-4 ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT TO SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND "TO" MO-4 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 SHALL 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 FOLLOW:
- MO4 - 5 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, MO5 - 2, AND MO6 - 1, SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS).

(1) ONLY ADD IF THERE ARE NO EXISTING ROUTE MARKERS FOR THE INTERSECTING ROADWAY.

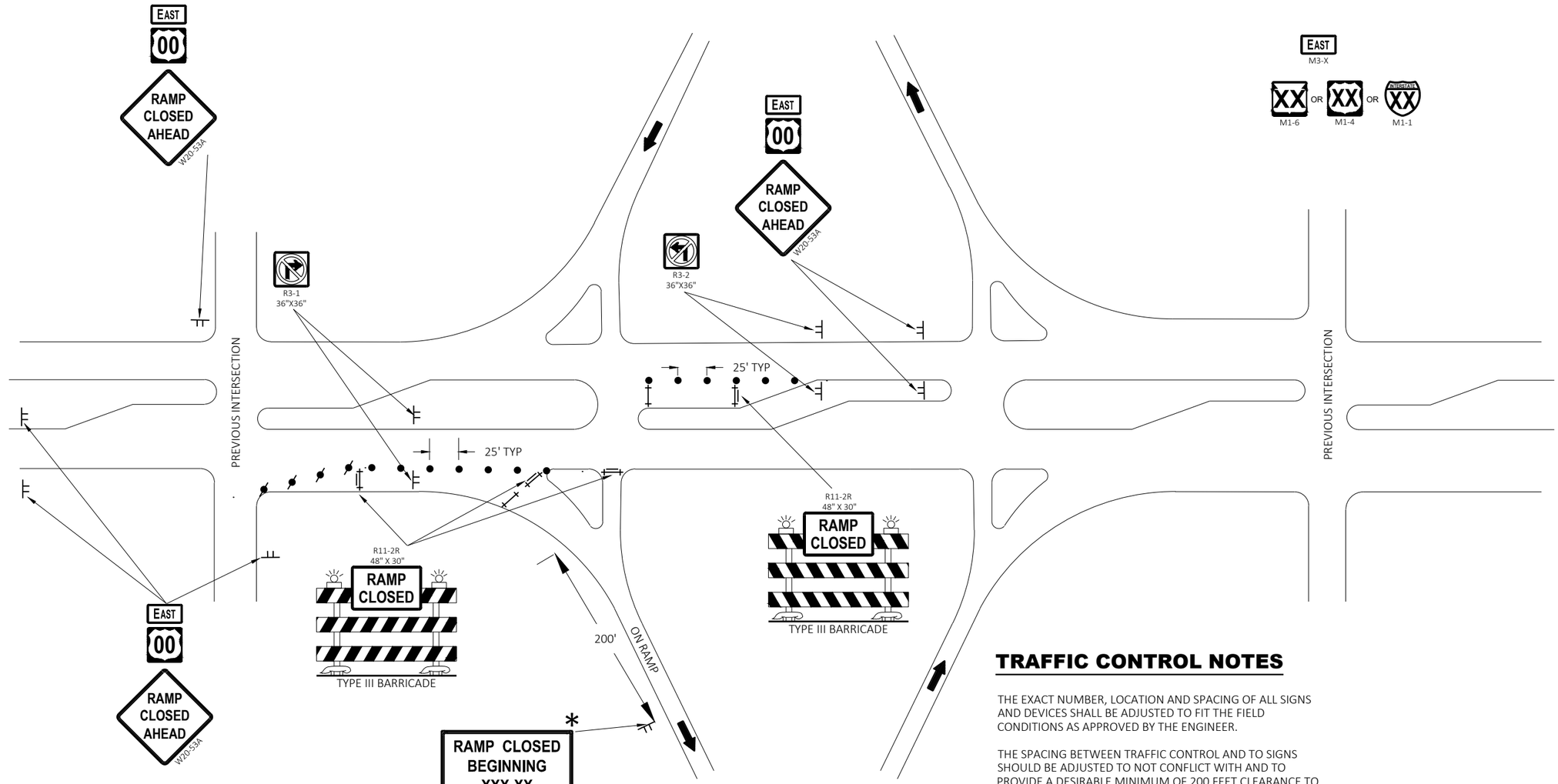
OFF RAMP
LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

6

SDD 15C02 - 09e
SDD 15C02 - 09e



LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL NOTES

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

THE SPACING BETWEEN TRAFFIC CONTROL AND TO 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 THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT SHALL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24"x24" (36" x18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-1, M1-4, AND M1-6 SHALL BE 24"x24" (36"x36" IF NEEDED TO MATCH EXISTING SIGNS)
- W20-53A SHALL BE 48"X48"

* PLACE "RAMP CLOSED BEGINNING" SIGN 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR LAYOUT.

TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEE

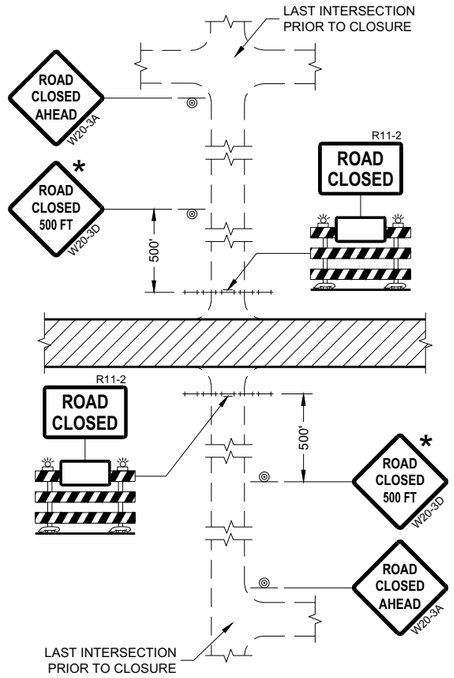
FHWA

6

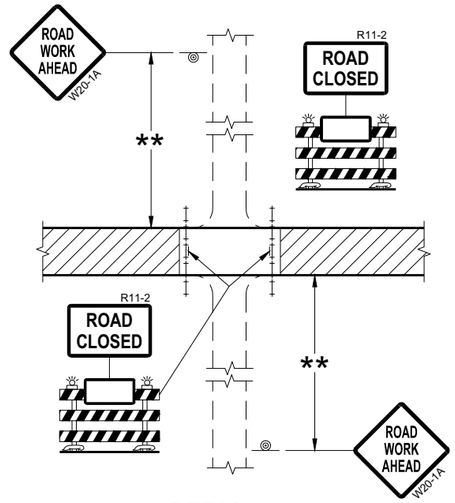
SDD 15C02-09g

6

SDD 15C02-09g



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

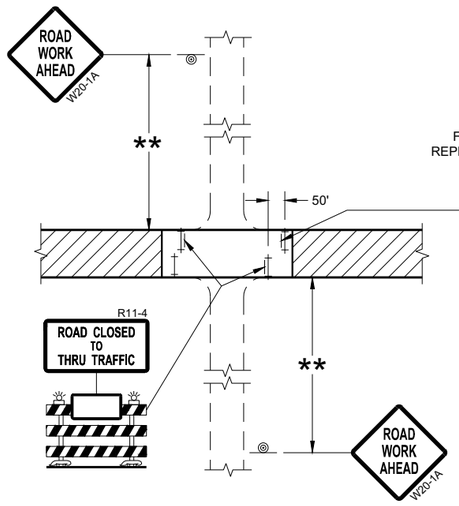
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

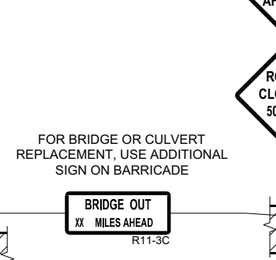
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

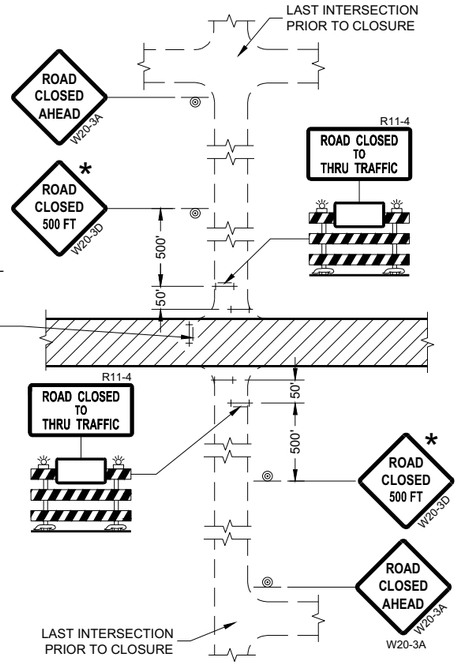
* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.





DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C03 - 05

6

SDD 15C03 - 05

GENERAL NOTES

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

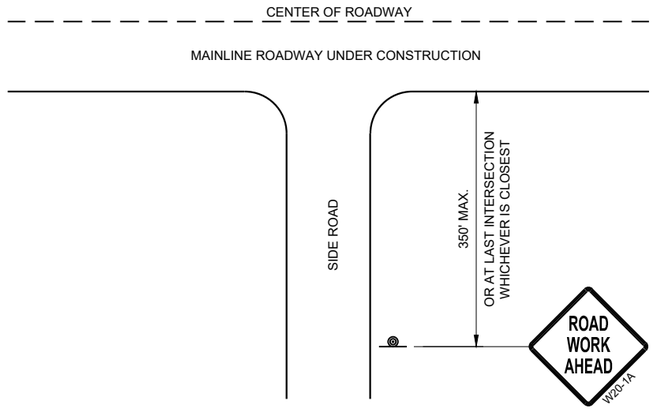
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

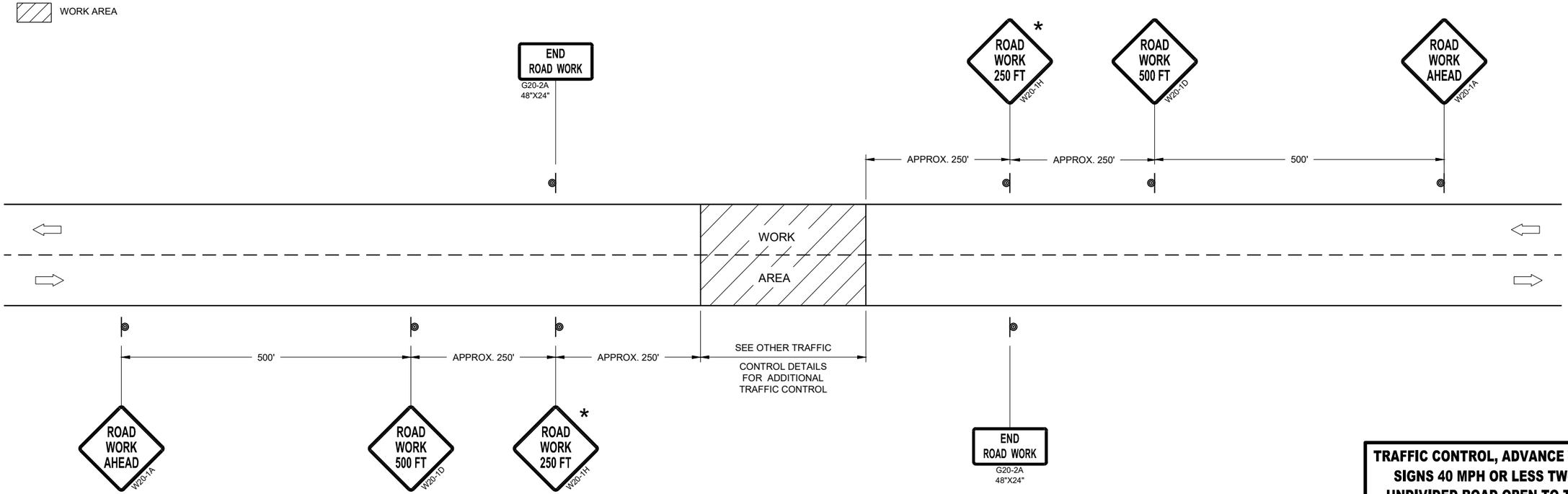
* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

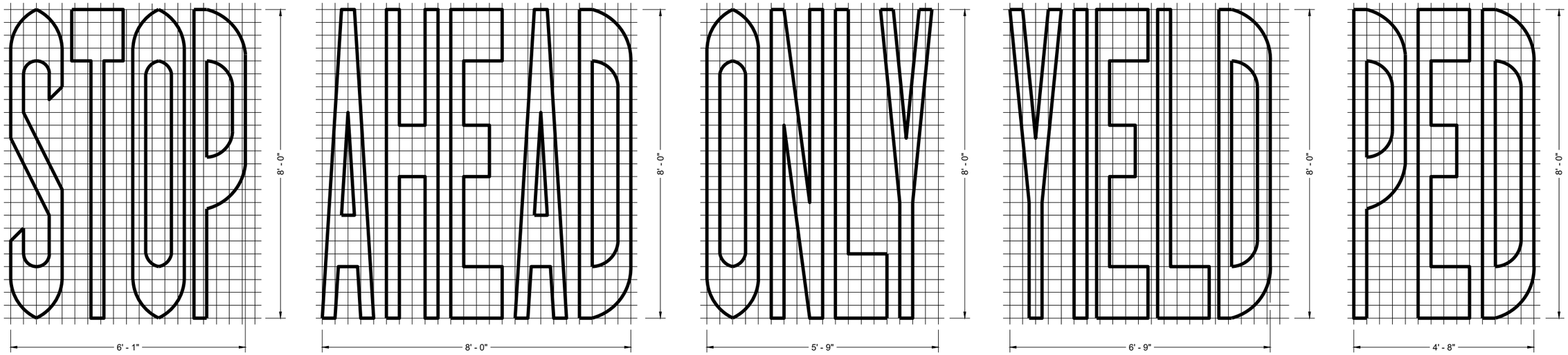
APPROVED
July 2018
DATE

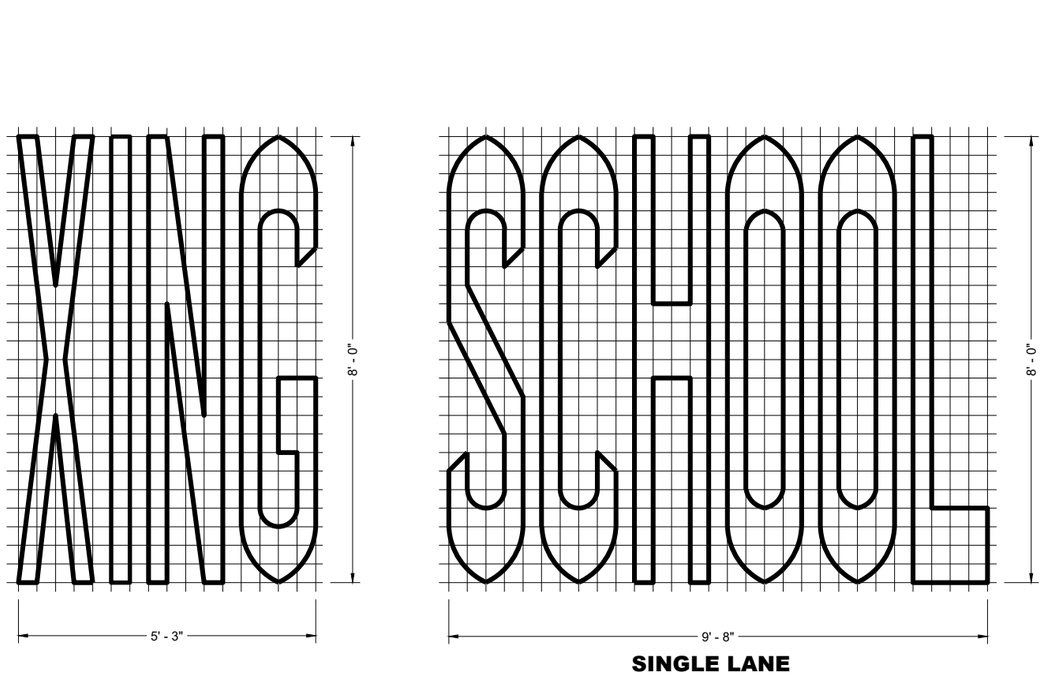
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

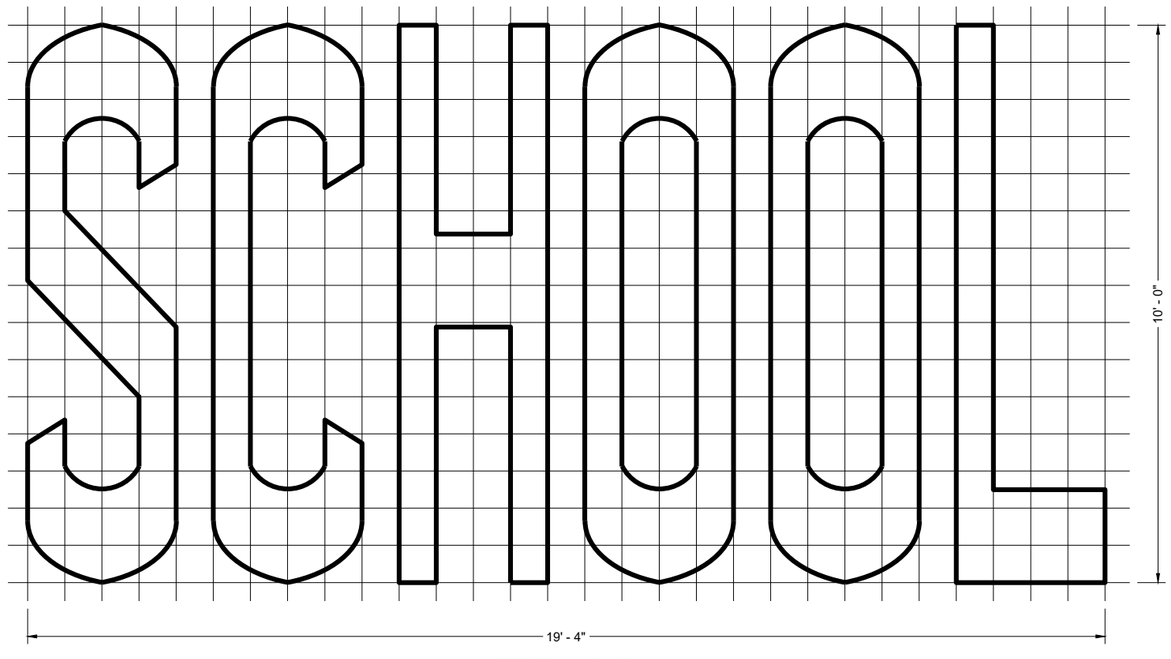
6

SDD 15C05 - 05





SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

6

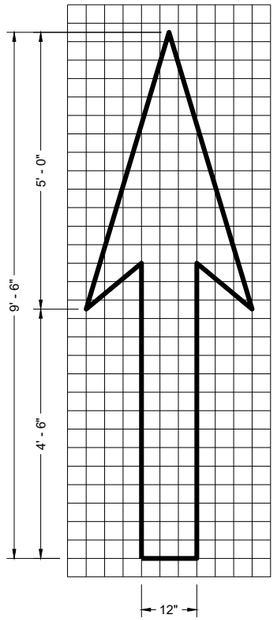
SDD 15C07-16b

6

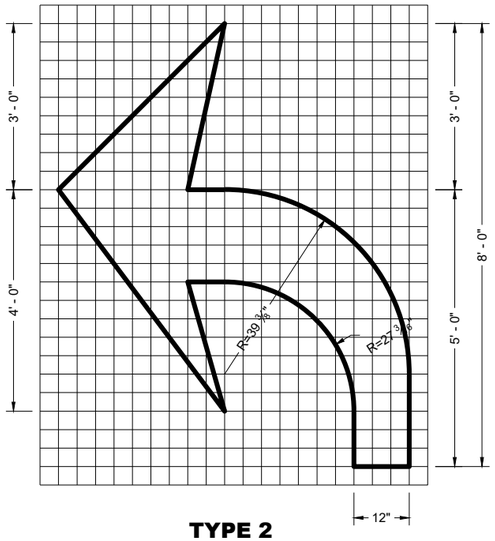
SDD 15C07-16b

GENERAL NOTES

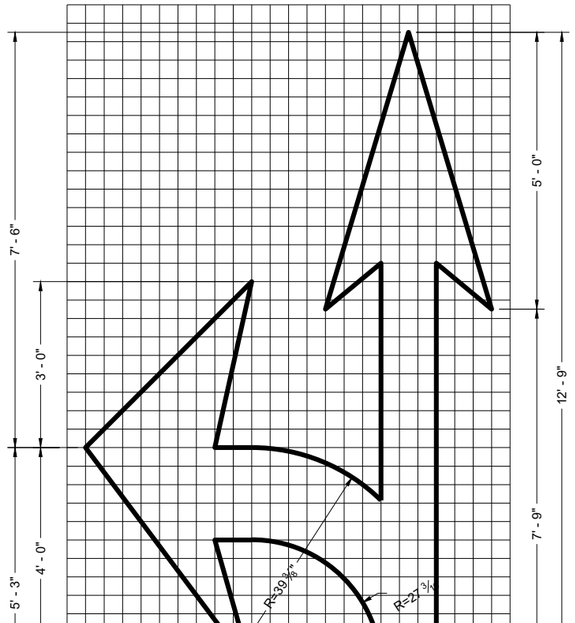
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



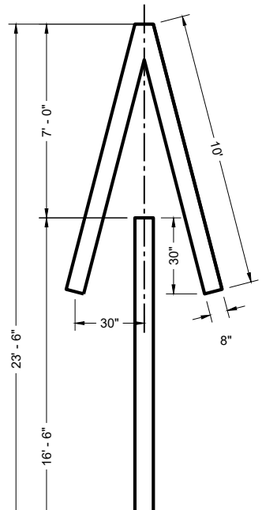
TYPE 1



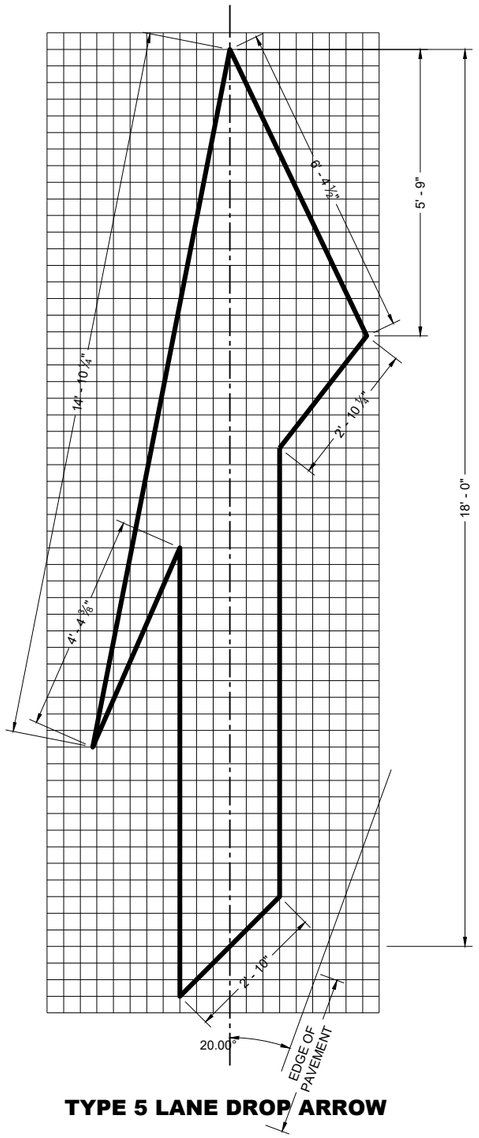
TYPE 2



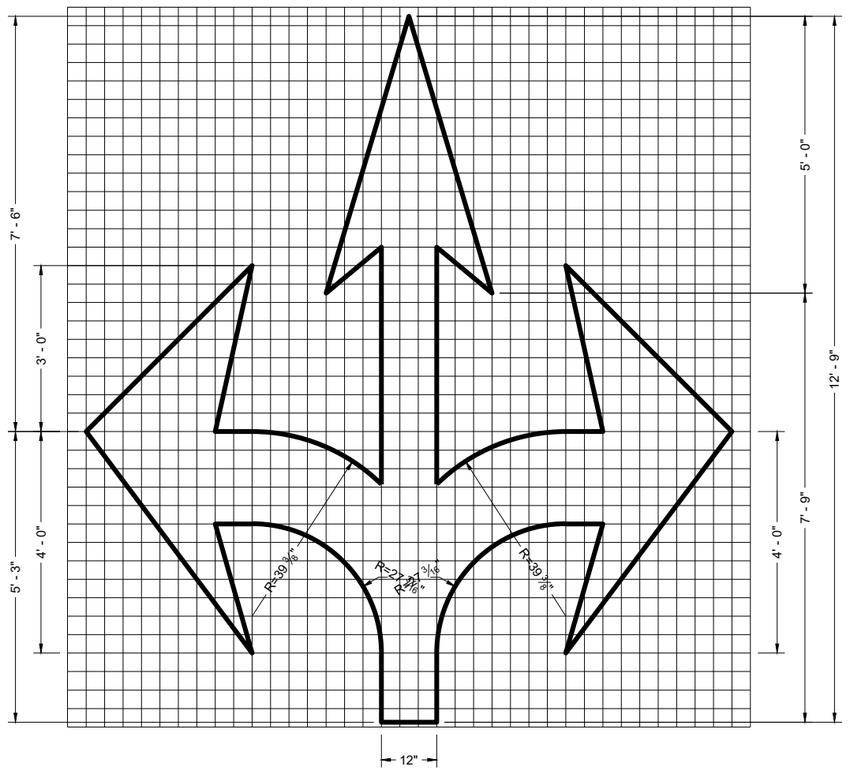
TYPE 3



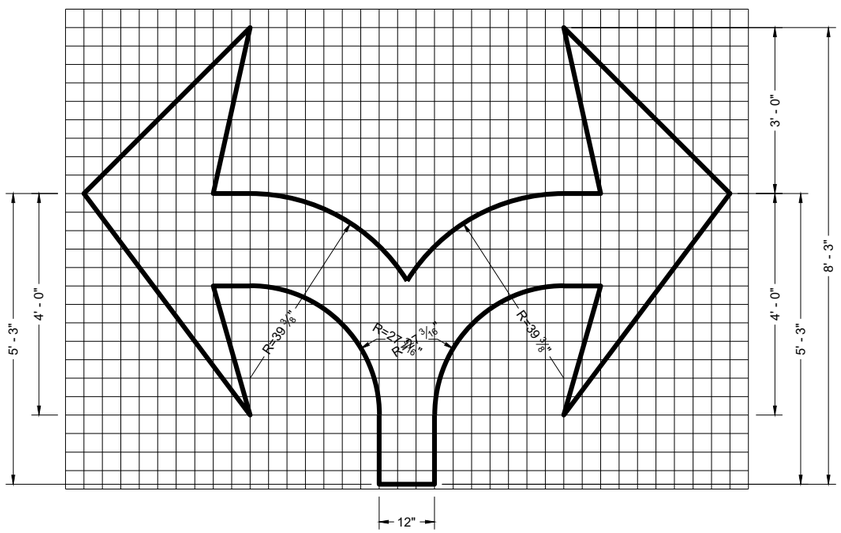
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

6

SDD 15C07-16c

6

SDD 15C07-16c

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.

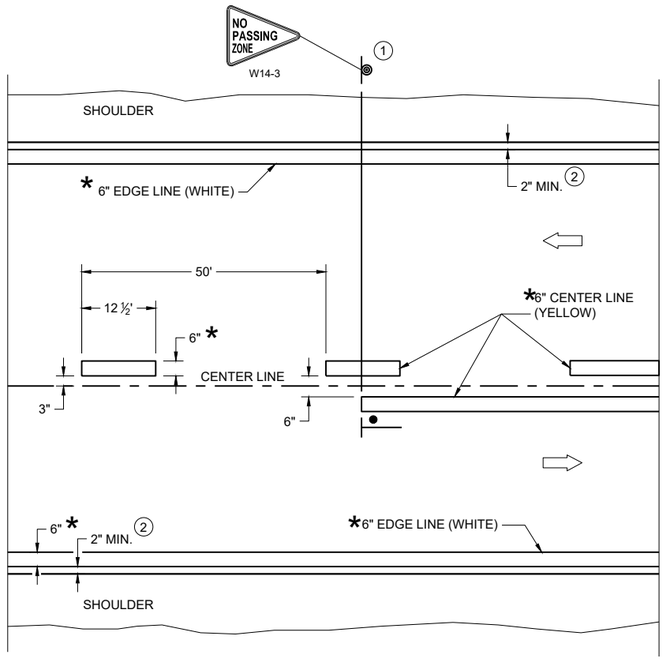
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

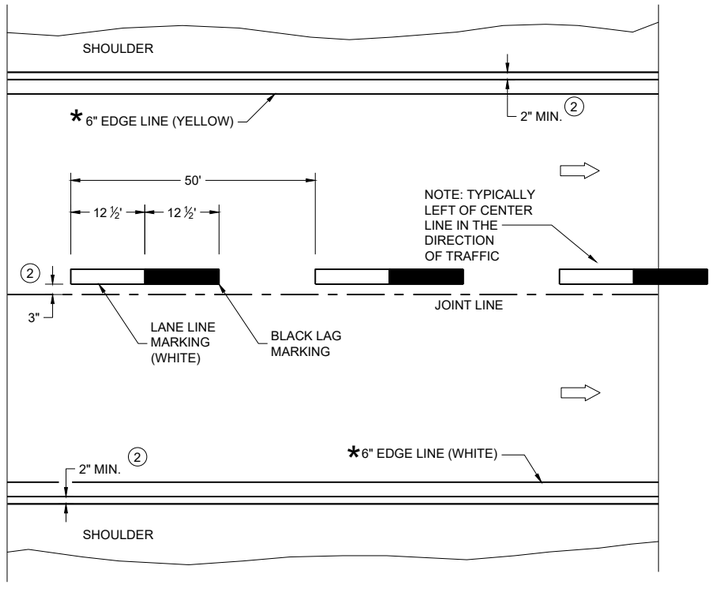
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

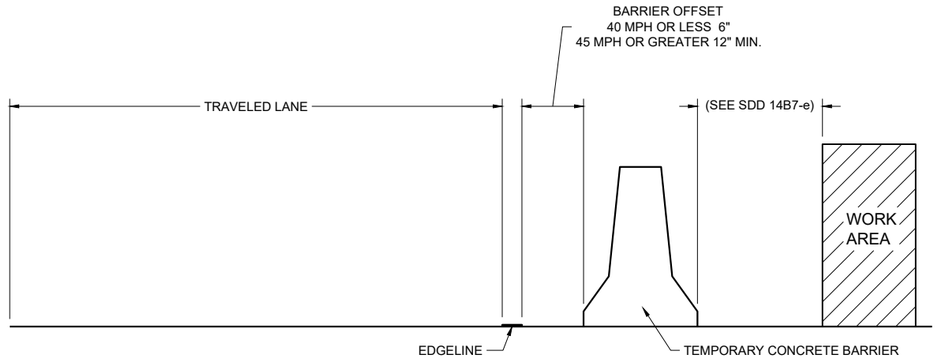
/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

6

SDD 15C08-23a

SDD 15C08-23a



TEMPORARY BARRIER OFFSET FROM EDGELINE

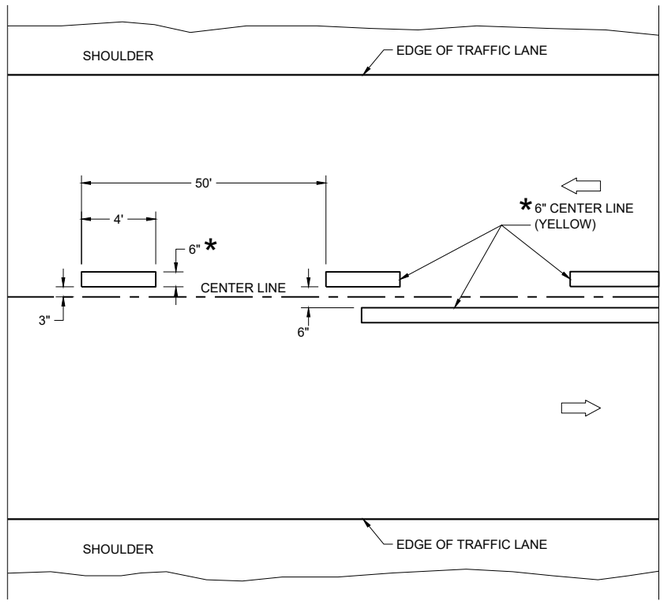
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

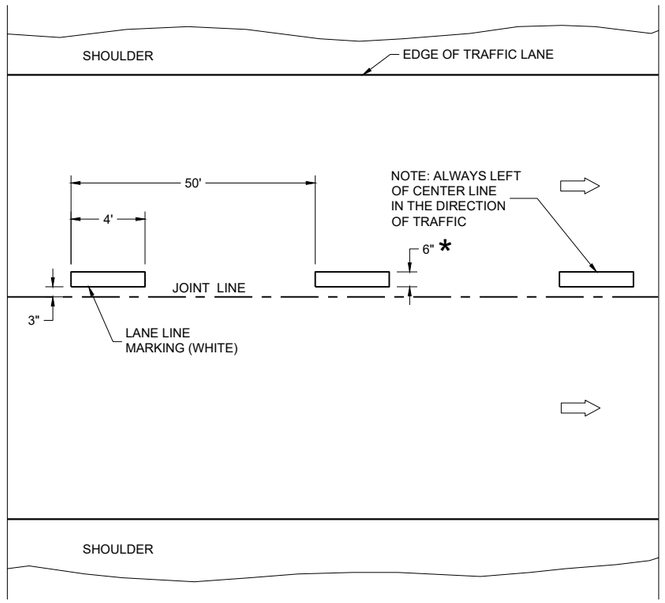
LEGEND

DIRECTION OF TRAFFIC

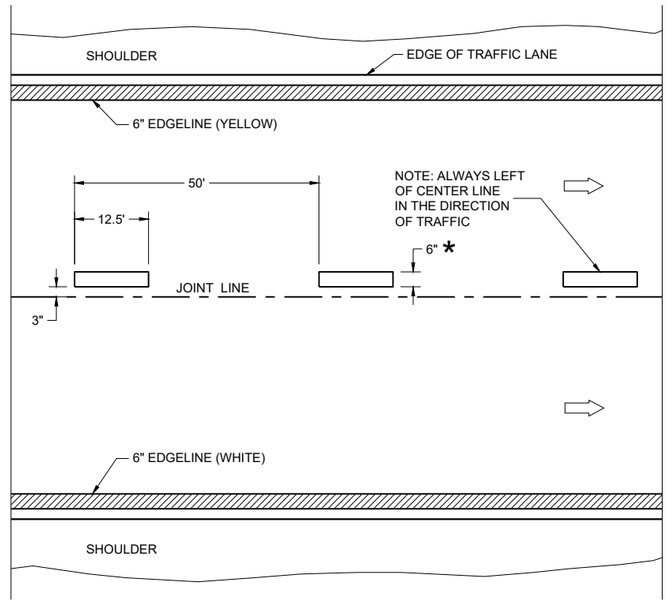
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Jeannie Silver
Statewide Pavement Marking Engineer

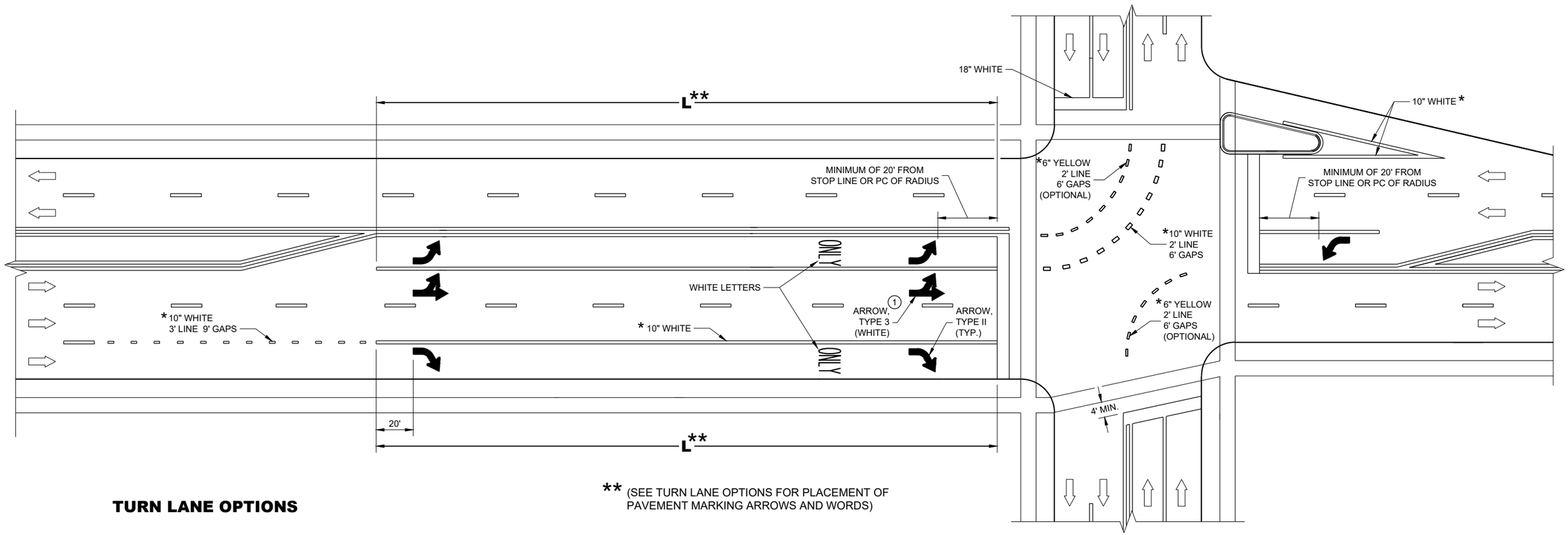
FHWA

6

SDD 15C08-23b

6

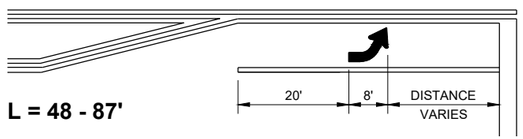
SDD 15C08-23b



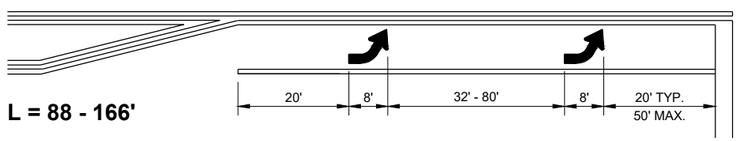
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

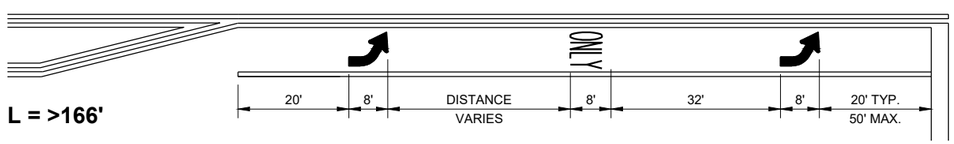
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. 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

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

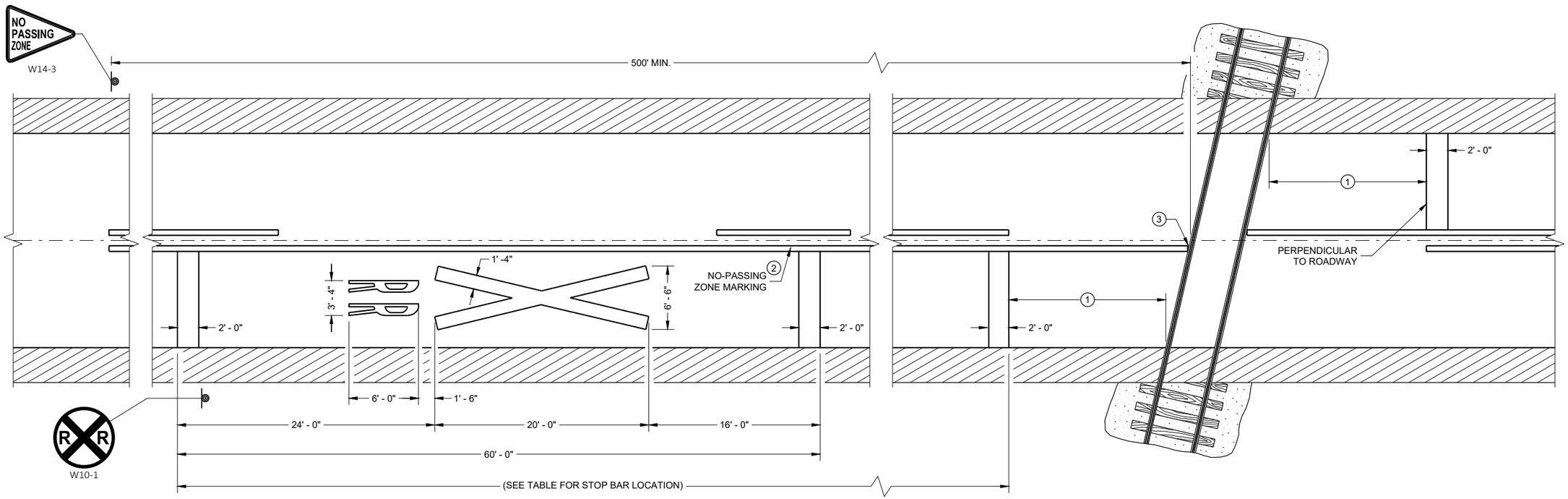
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

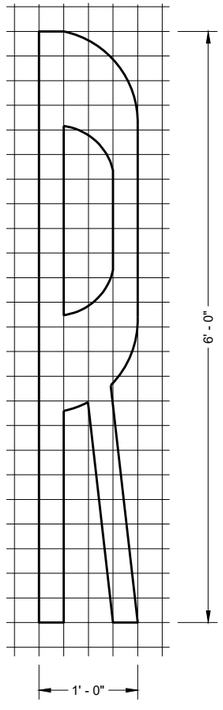
6

SDD 15C08-23d

SDD 15C08-23d



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) PLACE STOP BAR APPROXIMATELY 8 FEET IN ADVANCE OF THE GATE (IF PRESENT), BUT NO CLOSER THAN 15 FEET IN ADVANCE OF THE NEAREST RAIL. FIELD-FIT STOP BAR TO MAXIMIZE VIEW OF APPROACHING TRAIN.

(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

May 2023
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR ENGINEER

FHWA

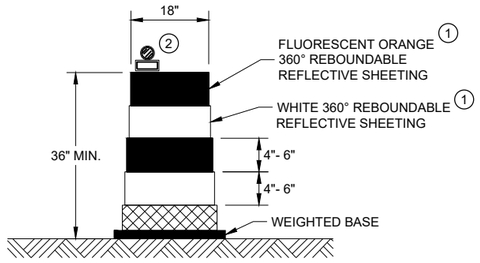
6

SDD 15C09-13a

SDD 15C09-13a

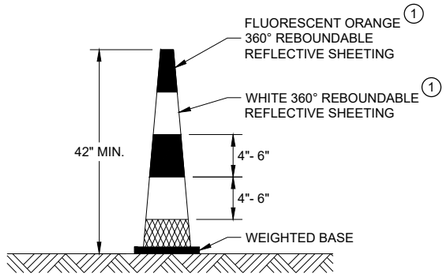
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

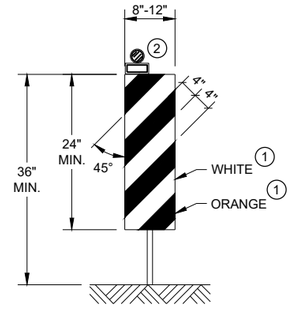
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

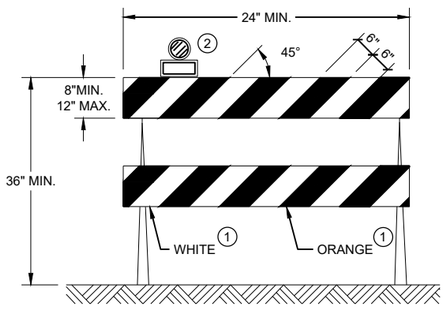
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



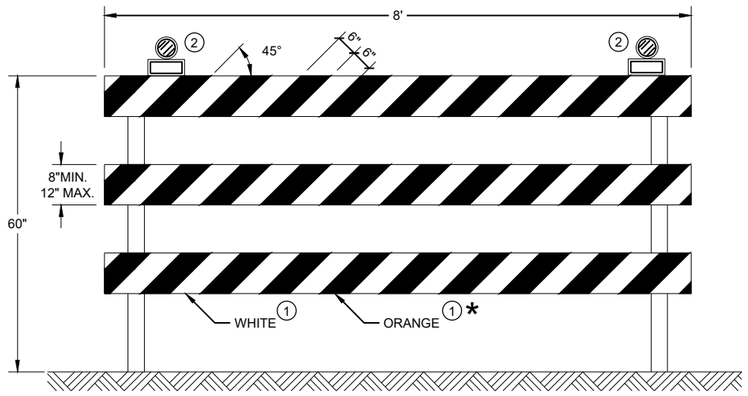
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C11 - 10b

6

SDD 15C11 - 10b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

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

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

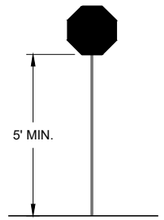
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



STOP/SLOW PADDLE ON SUPPORT STAFF

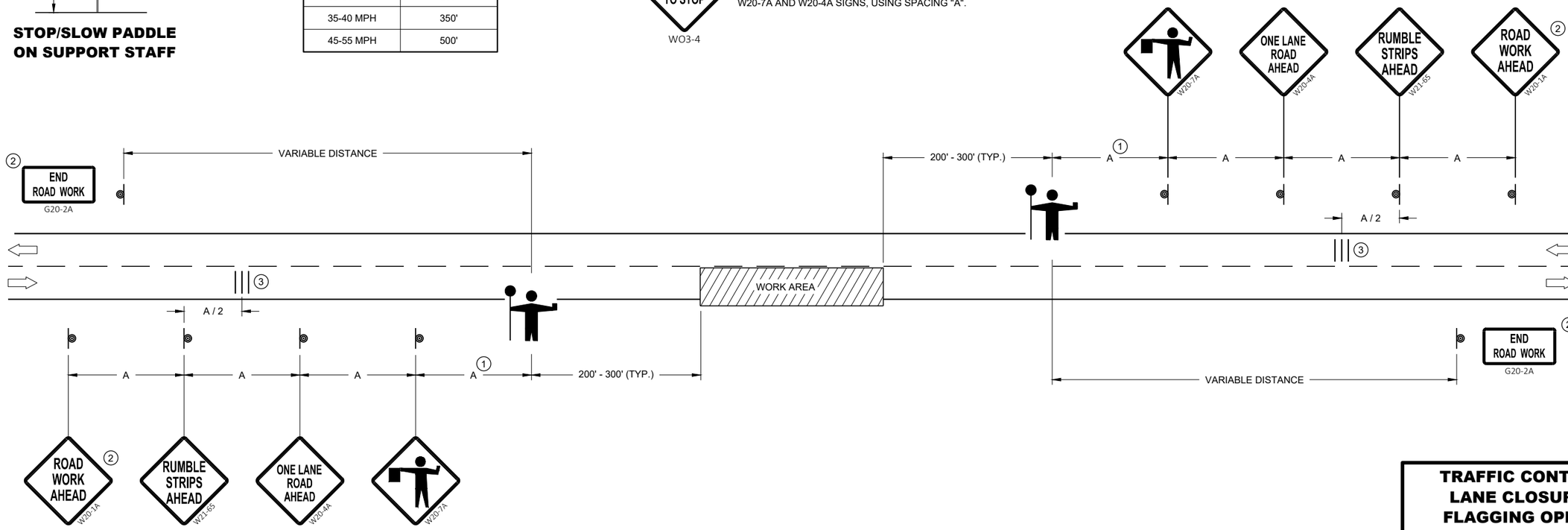
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

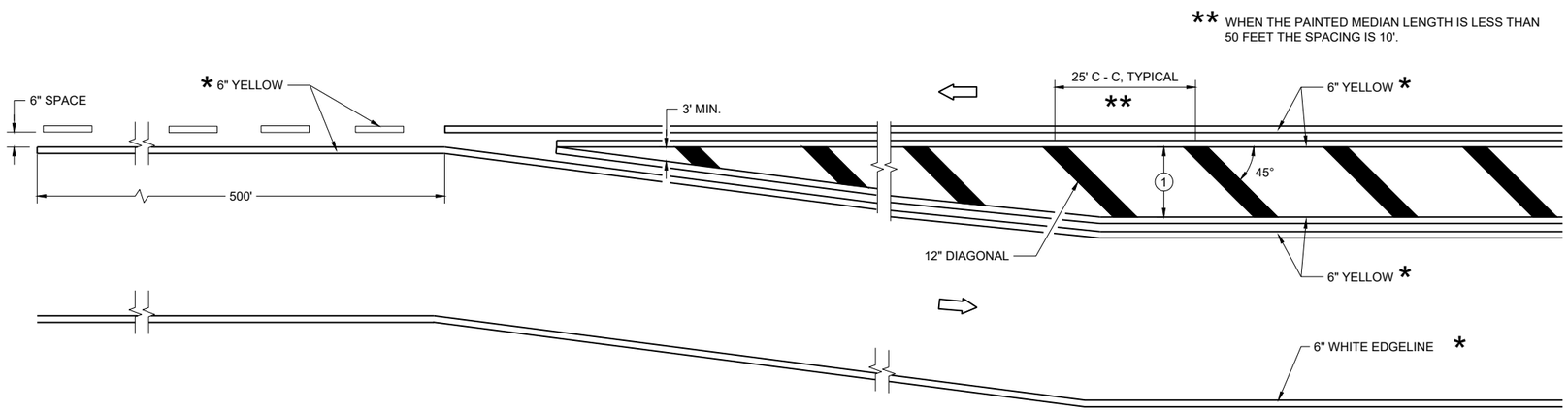
354

6

SDD 15C12 - 09a

6

SDD 15C12 - 09a



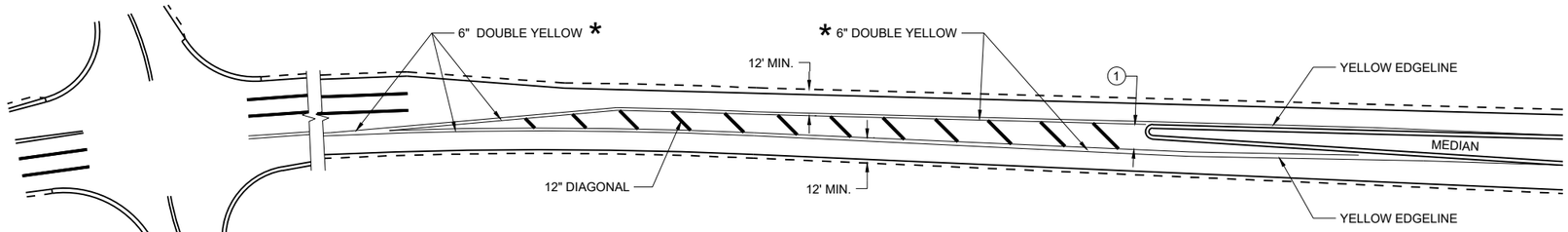
MEDIAN ISLAND DETAIL

GENERAL NOTES

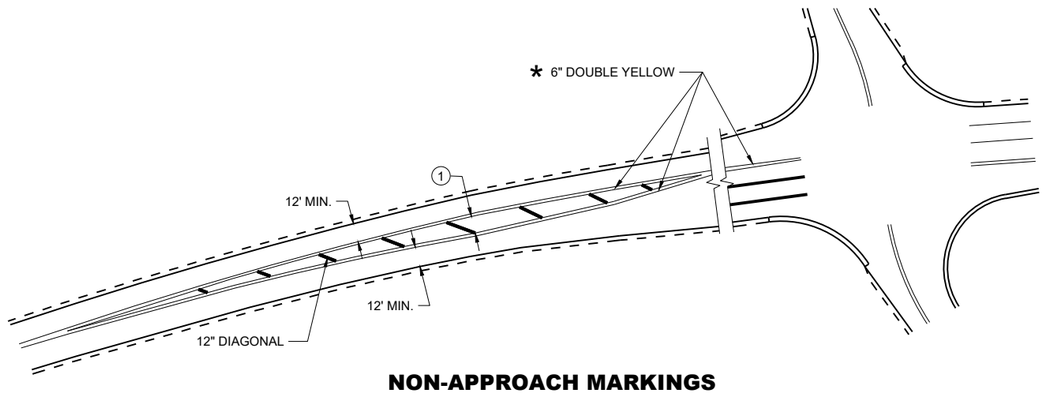
(1) DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

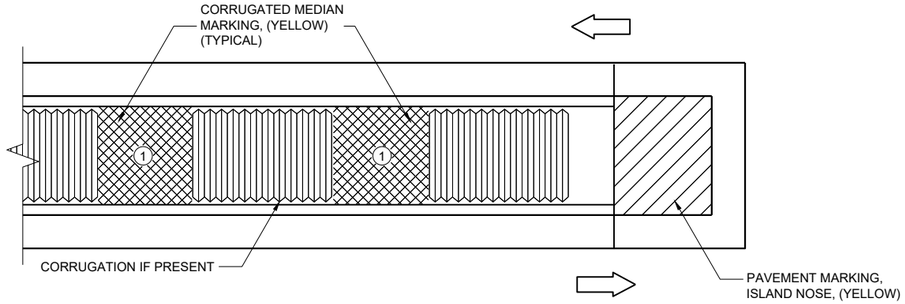
APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

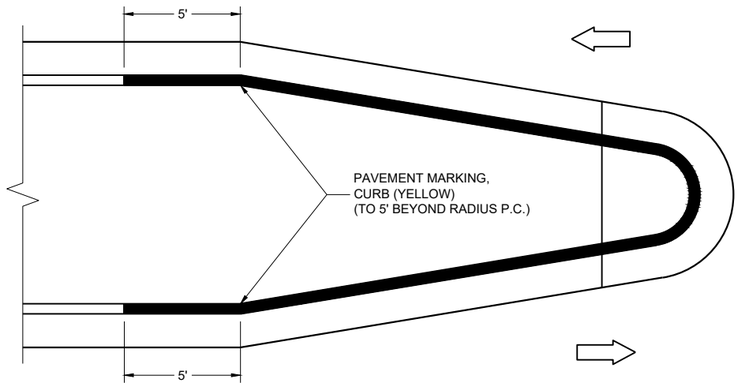
FHWA

6

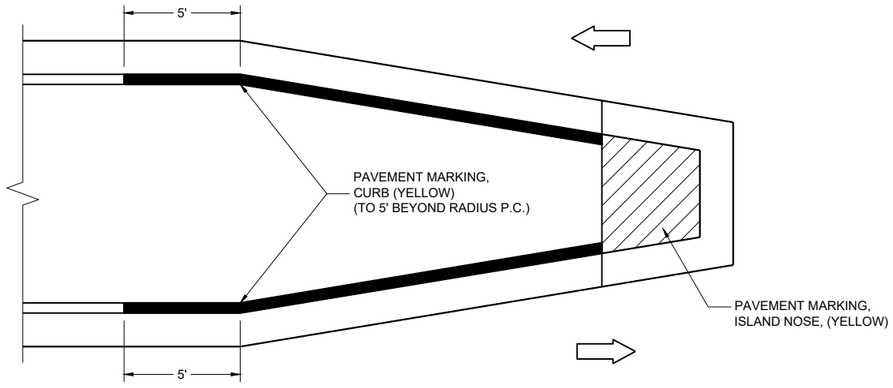
SDD 15C18-09a



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.

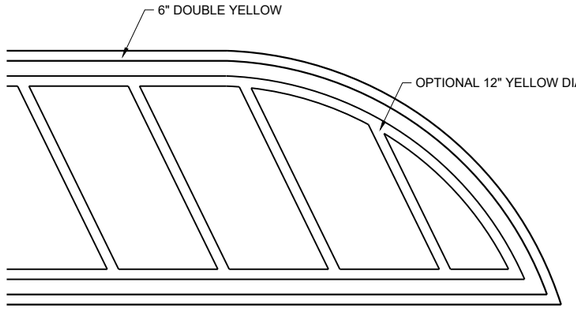
(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL



FLUSH MEDIAN ISLAND NOSE

**PAVEMENT MARKINGS,
MEDIAN ISLAND NOSE**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

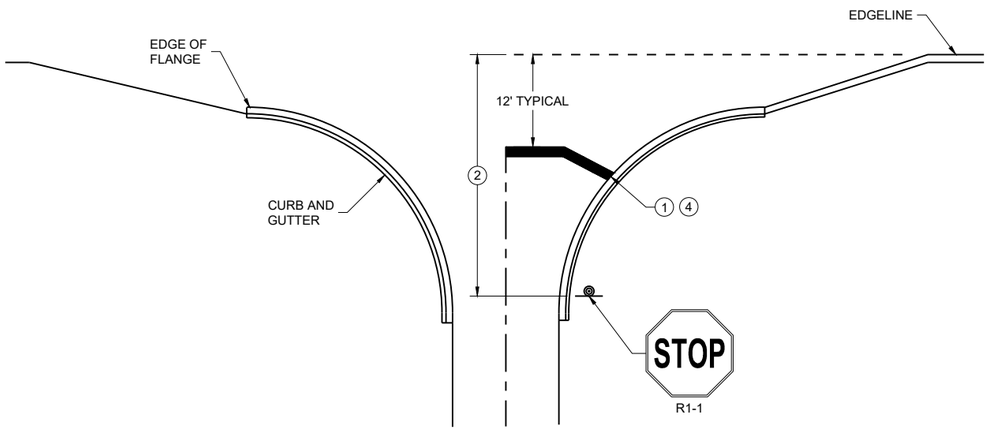
6

SDD 15C18-09b

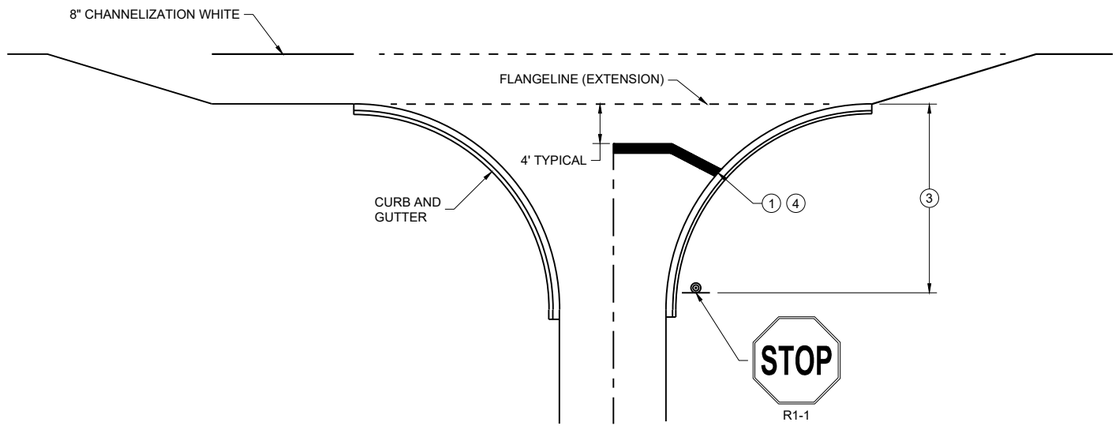
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

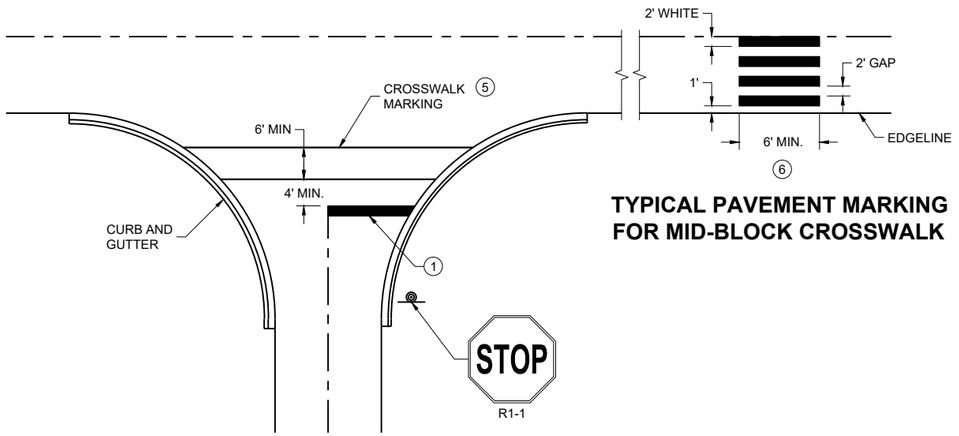
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE 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.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

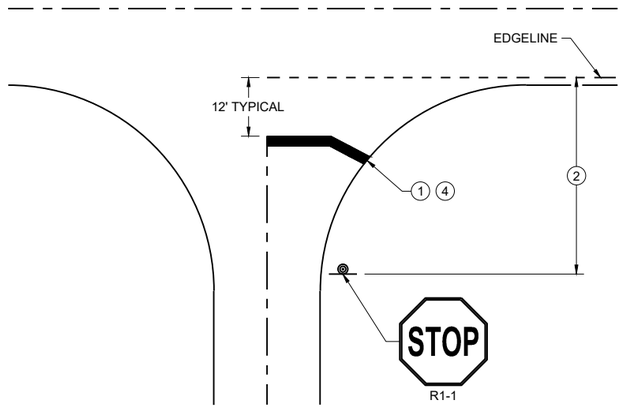


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

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

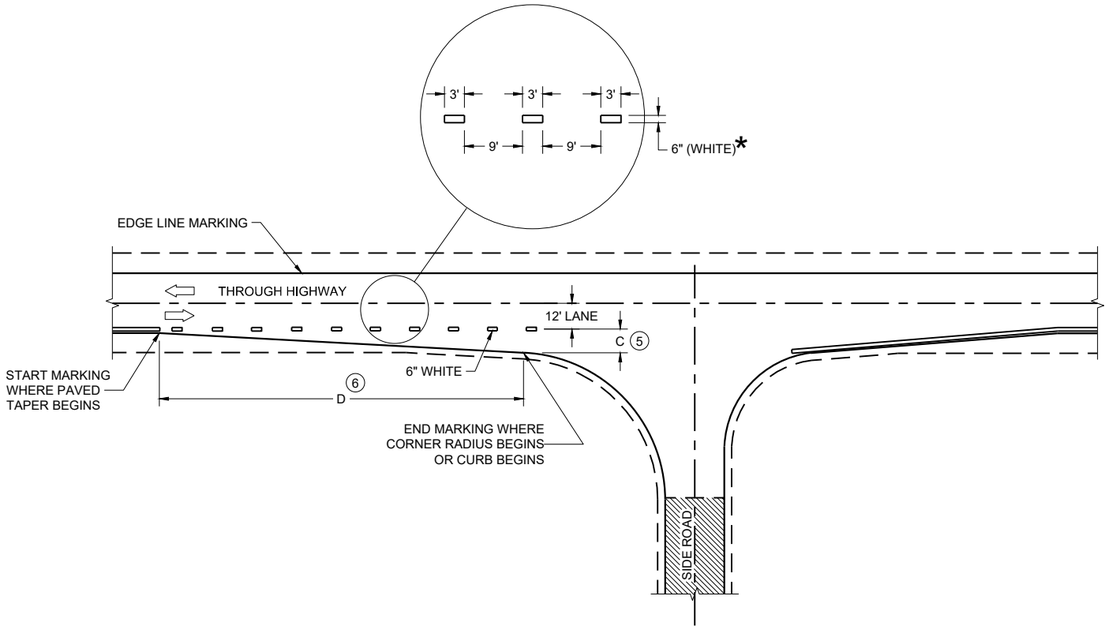
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

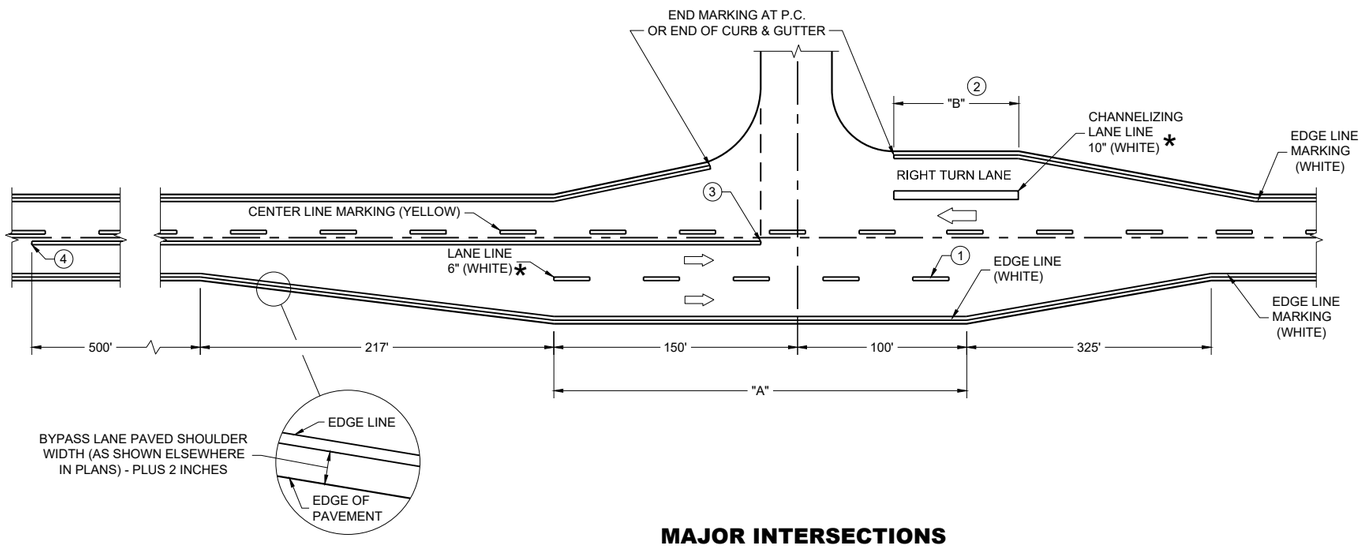
March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

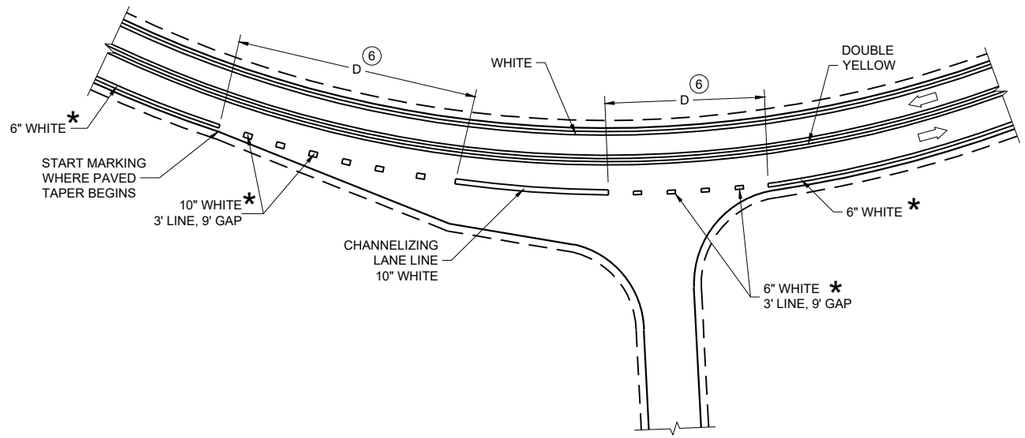
GENERAL NOTES

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

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC

GENERAL NOTES

THIS RAMP CLOSURE DETAIL IS TYPICAL FOR CLOSING A RIGHT SIDE EXIT RAMP. FOR A LEFT SIDE EXIT RAMP, REVERSE THE TRAFFIC CONTROL.

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 SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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.

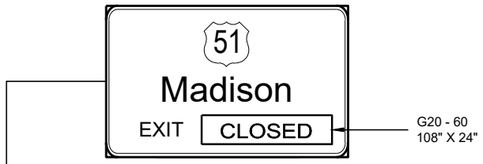
PLACE TEMPORARY PAVEMENT MARKING LINE IF RAMP CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WORK AREAS WITH A DROP OFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN WORK IS NOT IN PROGRESS.

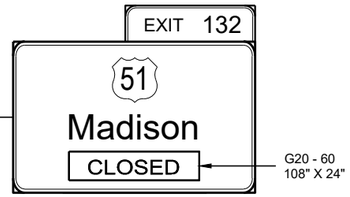
WHERE MEDIAN BARRIER IS IN PLACE, SIGNS SHOWN ON LEFT SIDE OF ROADWAY MAY BE OMITTED FOR RIGHT SIDE RAMP CLOSURES OF LESS THAN 12 - HOUR DURATION.

(1) W20 - 1A AND G20 - 2A SIGNS ARE NOT REQUIRED IF THE RAMP CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

(2) PLACE "RAMP CLOSED BEGINNING" SIGN OR PCMS 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.



OR

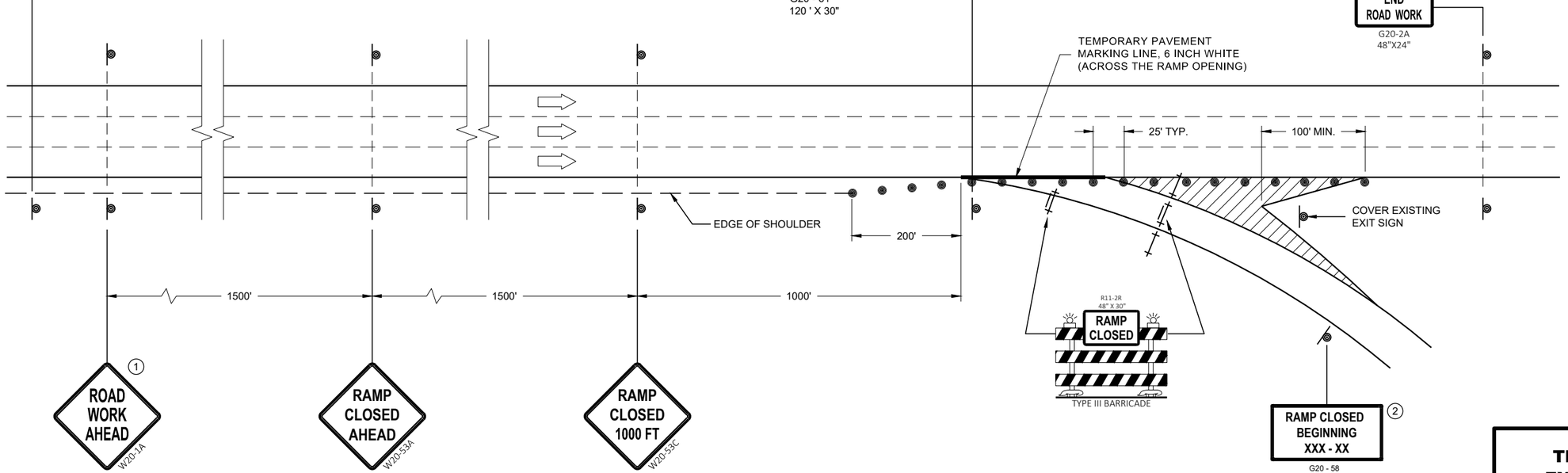


PLACE SIGN G20 - 60 OVER MILEAGE ON EXISTING E1 - 1A SIGN



G20 - 61
120 ' X 30"

COVER ARROW ON EXISTING E4 - 1 SIGN (COVERING SIGNS TYPE I)



RAMP CLOSED BEGINNING XXX - XX (2)

G20 - 58

OR

PCMS MESSAGING

FRAME 1	FRAME 2
RAMP TO CLOSE	XXXDAY XX XX XX

TRAFFIC CONTROL, EXIT RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
ROADWAY STANDARDS DEVE ENGINEER

FHWA

6

SDD 15D16-06

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
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

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.

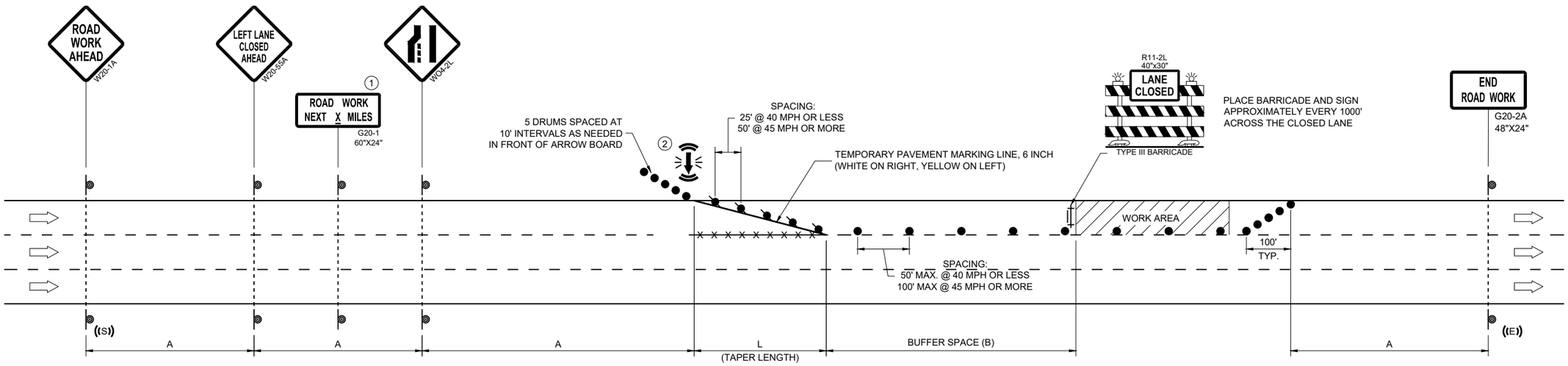
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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
November 2024
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

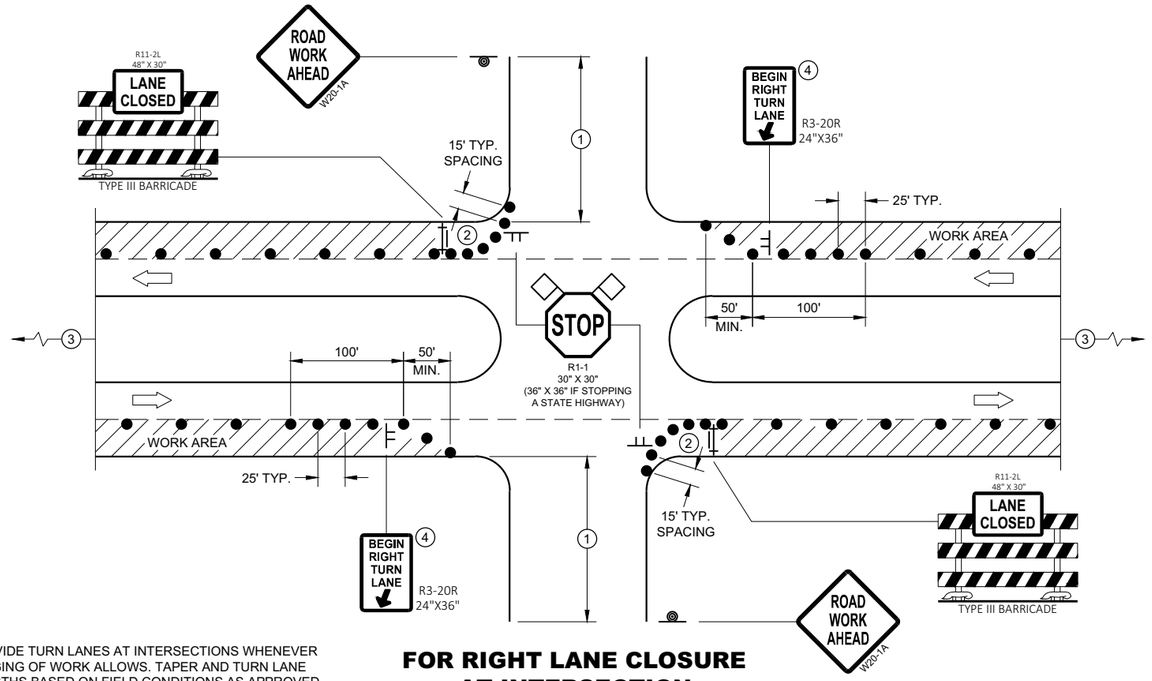
FHWA

6

SDD 15D20-09a

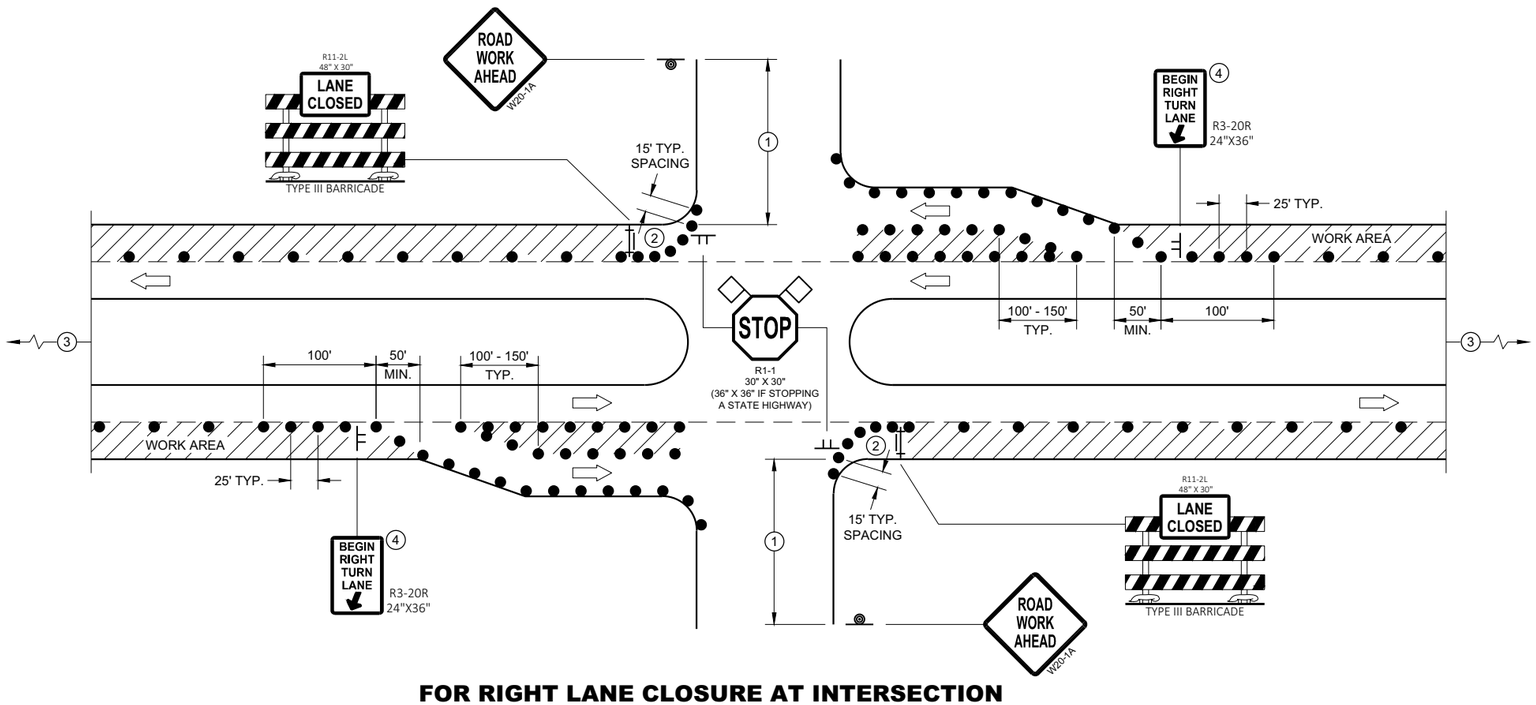
6

SDD 15D20-09a



FOR RIGHT LANE CLOSURE AT INTERSECTION

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 (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

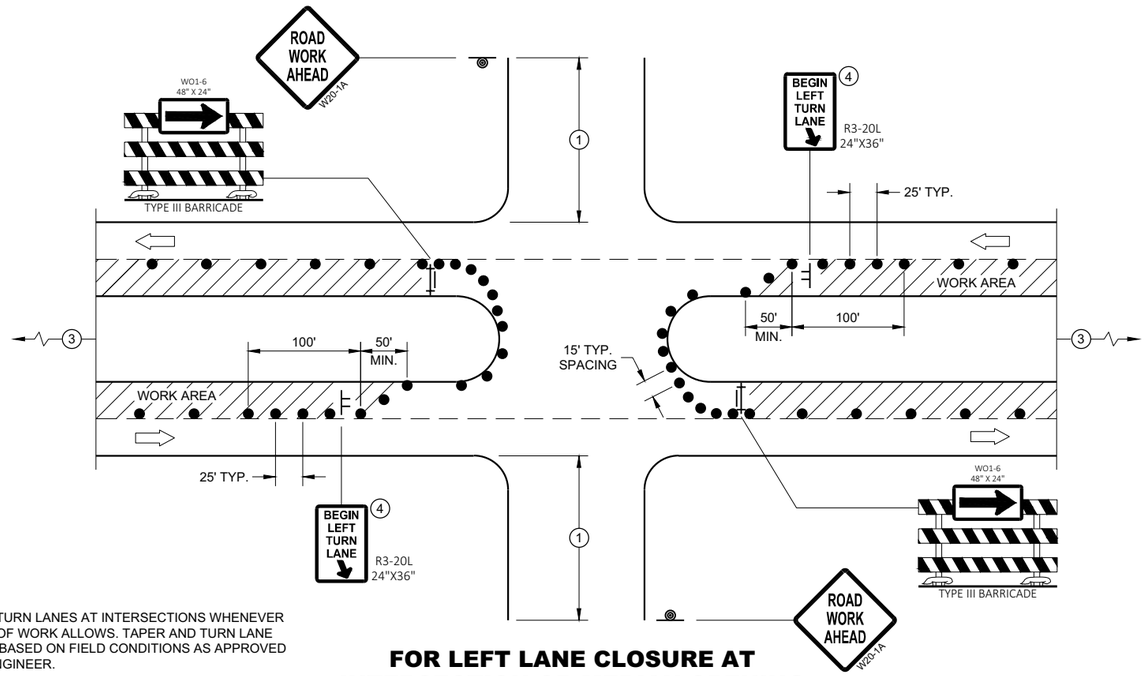
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D21 - 07a

6

SDD 15D21 - 07a



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.

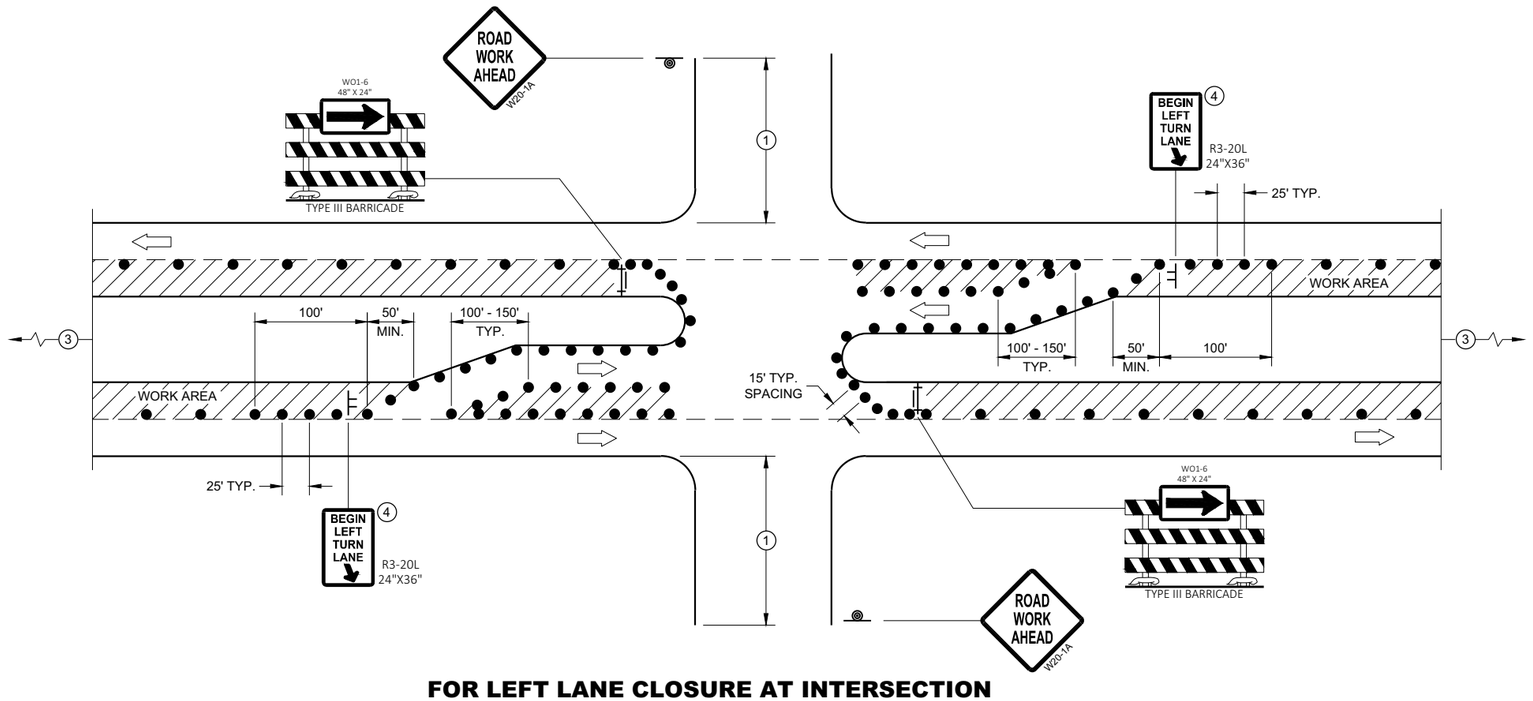
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(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

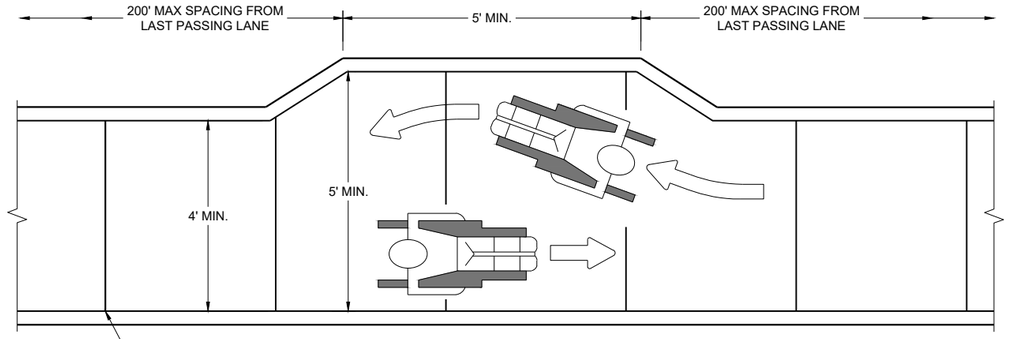
APPROVED
August 2020 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

6

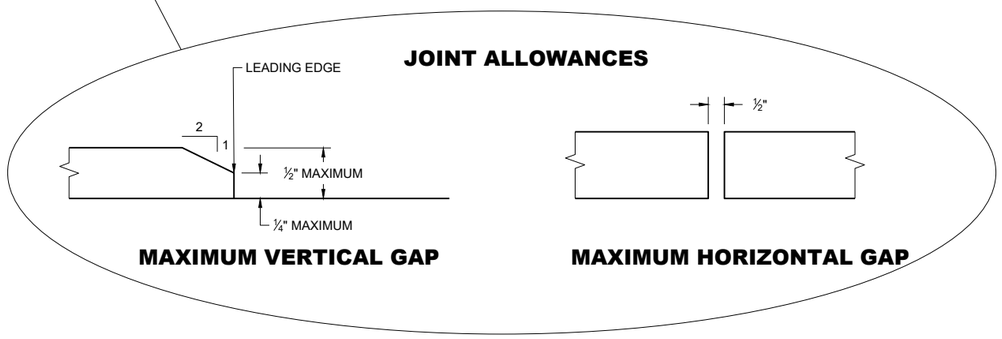
SDD 15D21 - 07b

6

SDD 15D21 - 07b



NARROW SIDEWALK PASSING DETAIL



MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

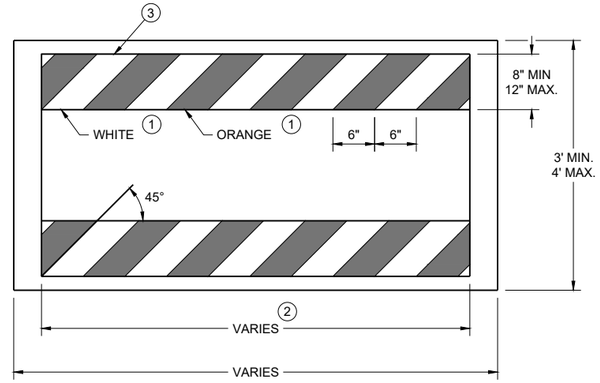
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

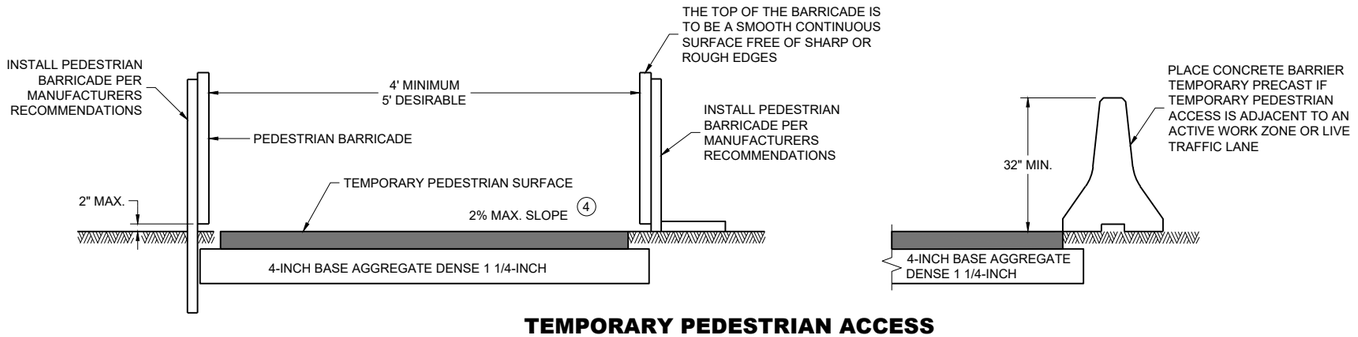
(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

(4) WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.



TEMPORARY PEDESTRIAN BARRICADE *

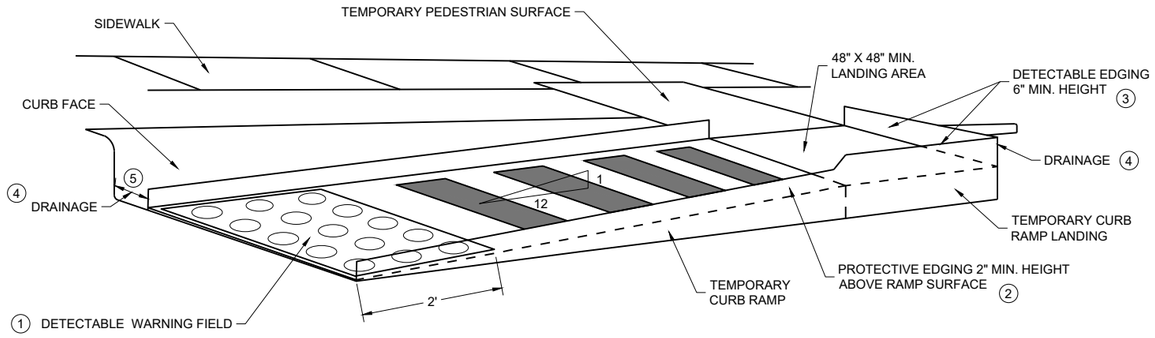


TEMPORARY PEDESTRIAN ACCESS

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-10a



PERSPECTIVE VIEW

GENERAL NOTES

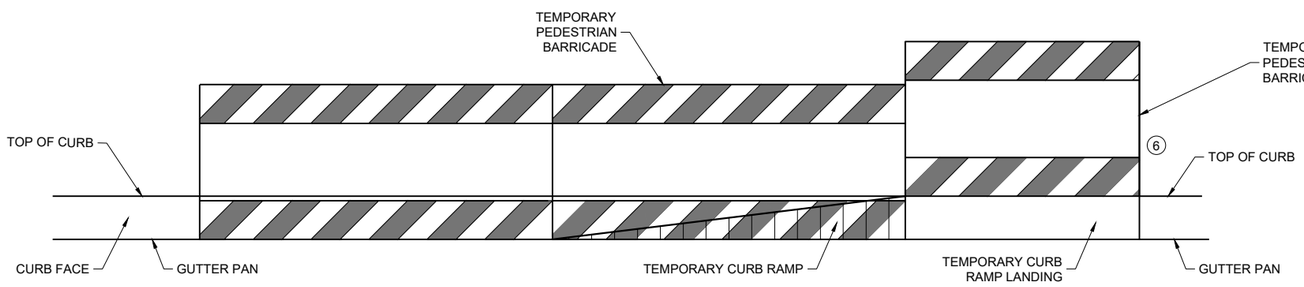
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

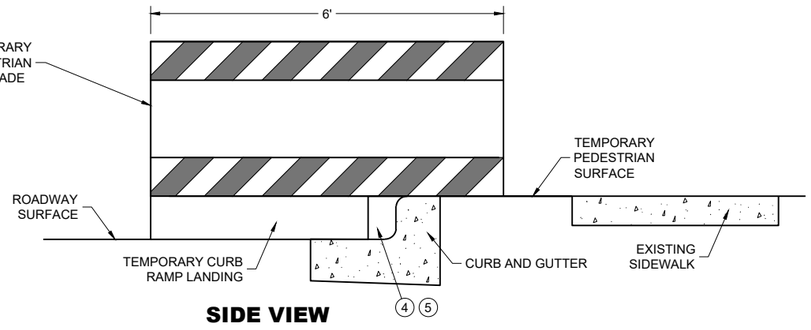
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.
6. IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.



FRONT VIEW



SIDE VIEW

TEMPORARY CURB RAMP PARALLEL TO CURB

6

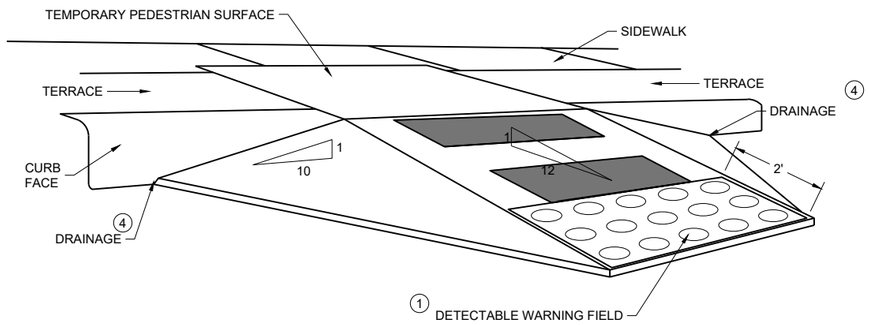
SDD 15D30-10b

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

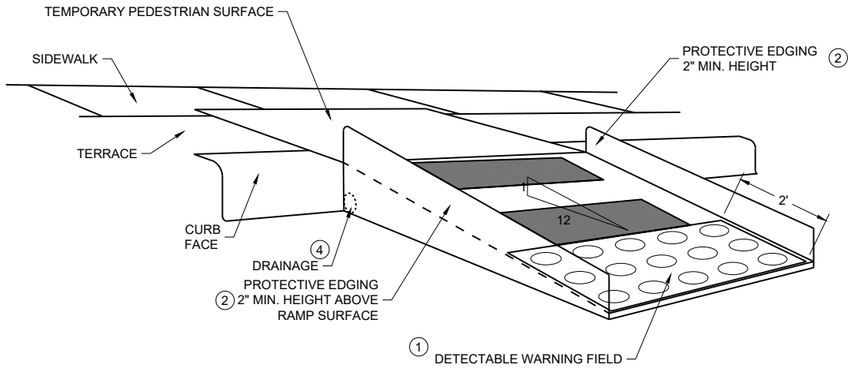
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-10b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

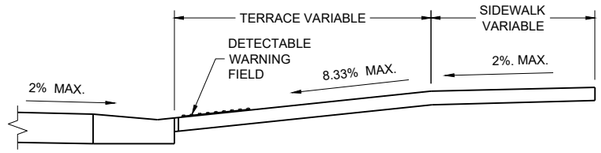
6

SDD 15D30-10c

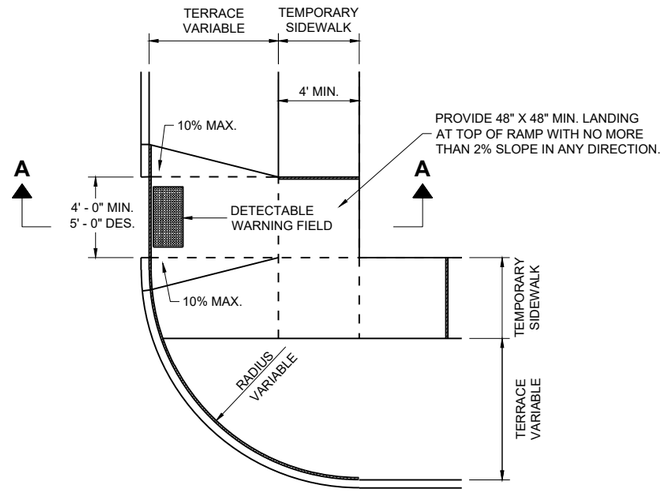
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES



SECTION A - A



PLAN VIEW
TEMPORARY TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

6

SDD 15D30-10d

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

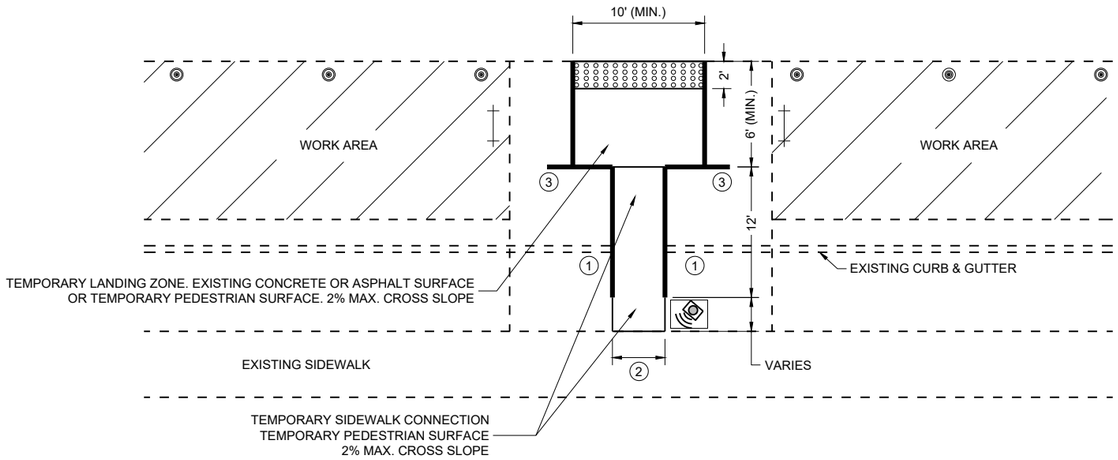
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — <position>

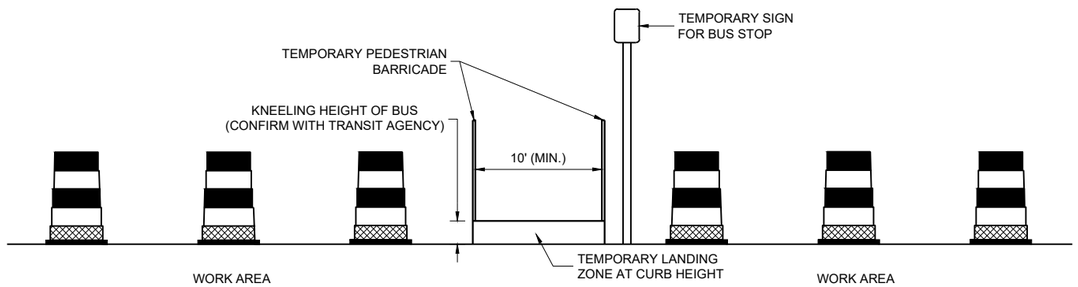
FHWA

6

SDD 15D30-10d



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
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

6

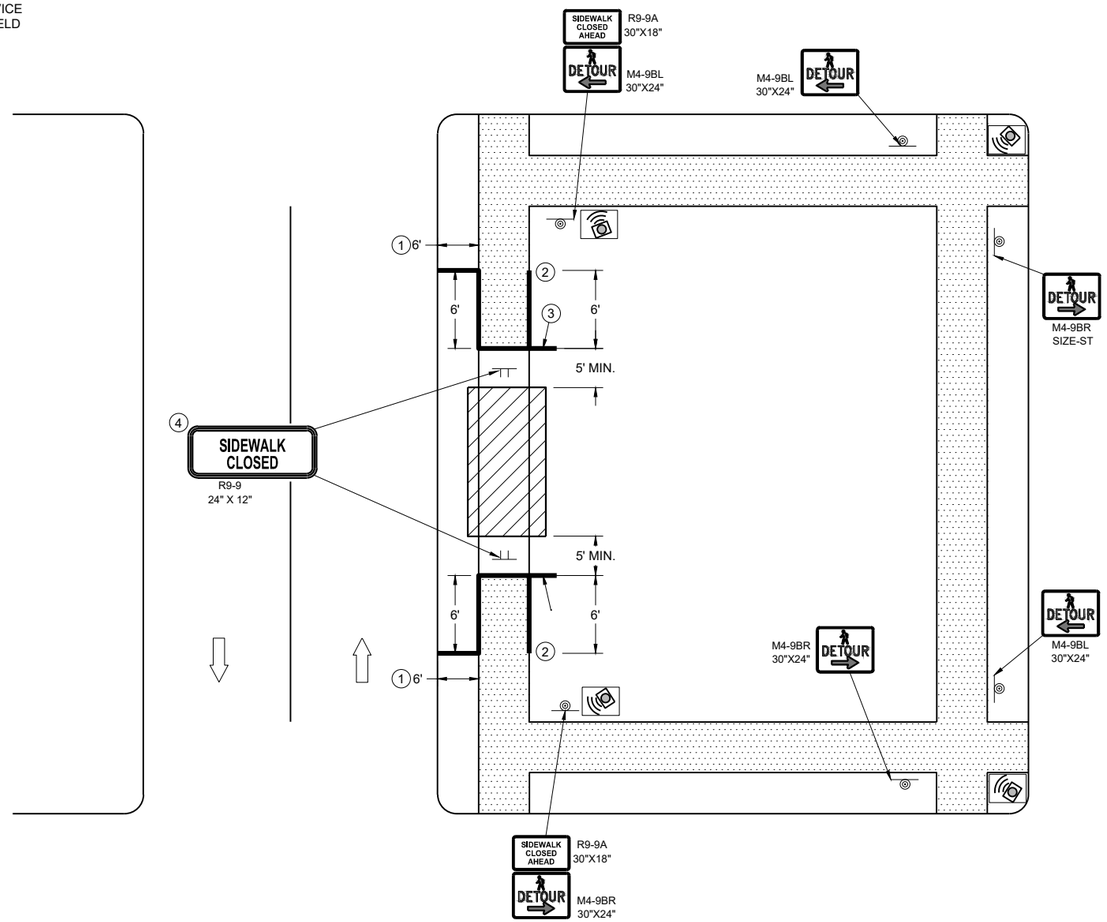
SDD 15D30-10e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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.

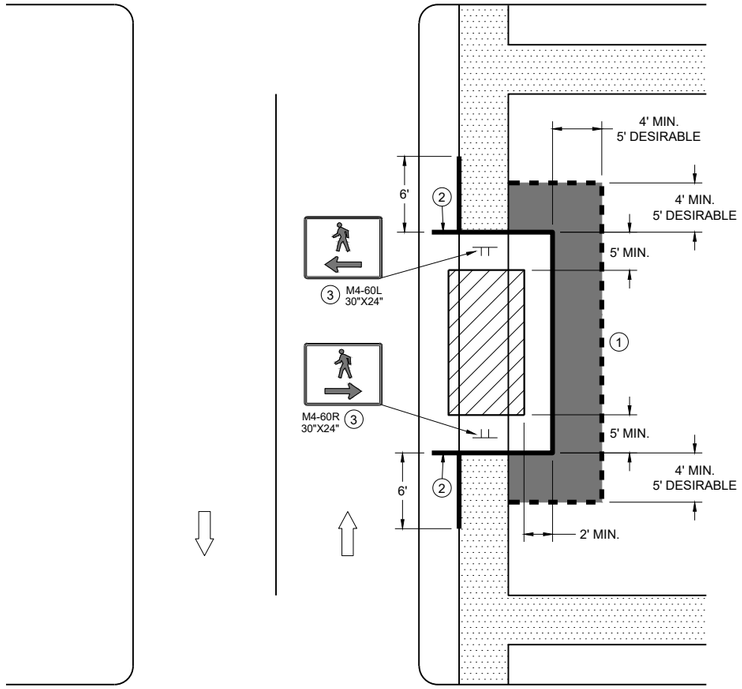
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

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 BYPASS
SINGLE SIDE

6

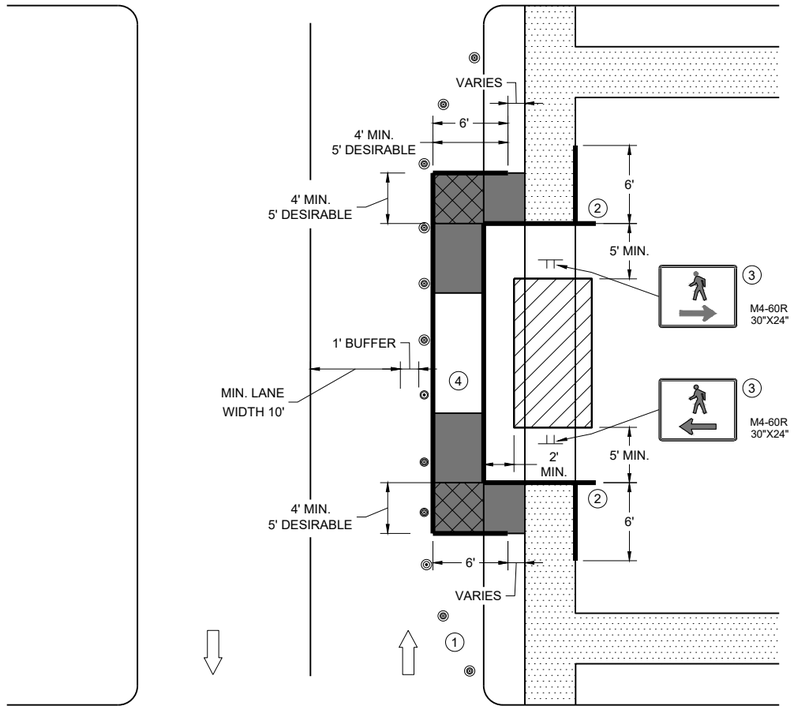
SDD 15D30-10g

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



SIDEWALK BYPASS, SINGLE SIDE

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

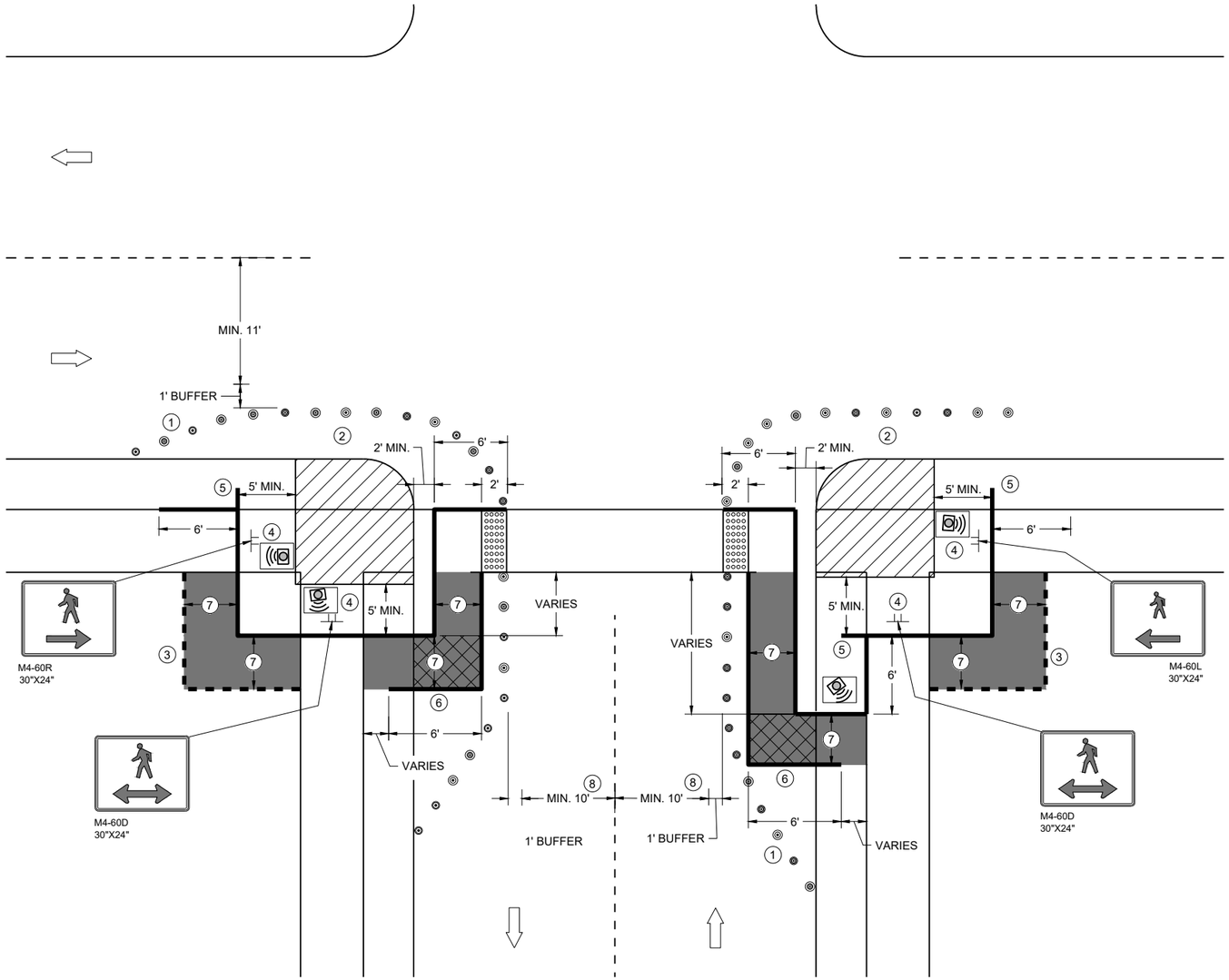
1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.
2. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.
4. USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURFACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

6

SDD 15D30-10h

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.

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.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

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.

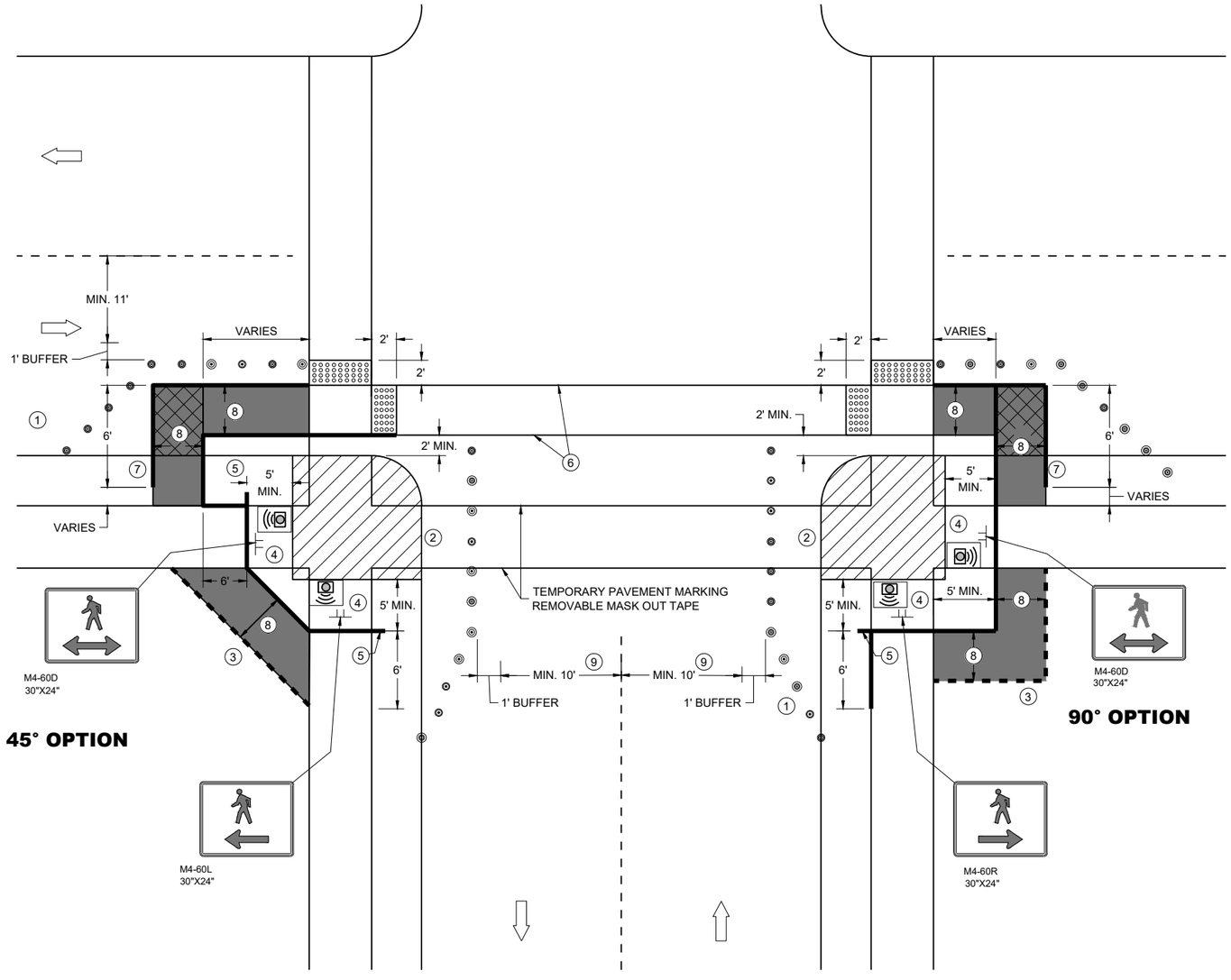
LEGEND

- 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
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-10i



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.

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.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

(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
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-10j

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

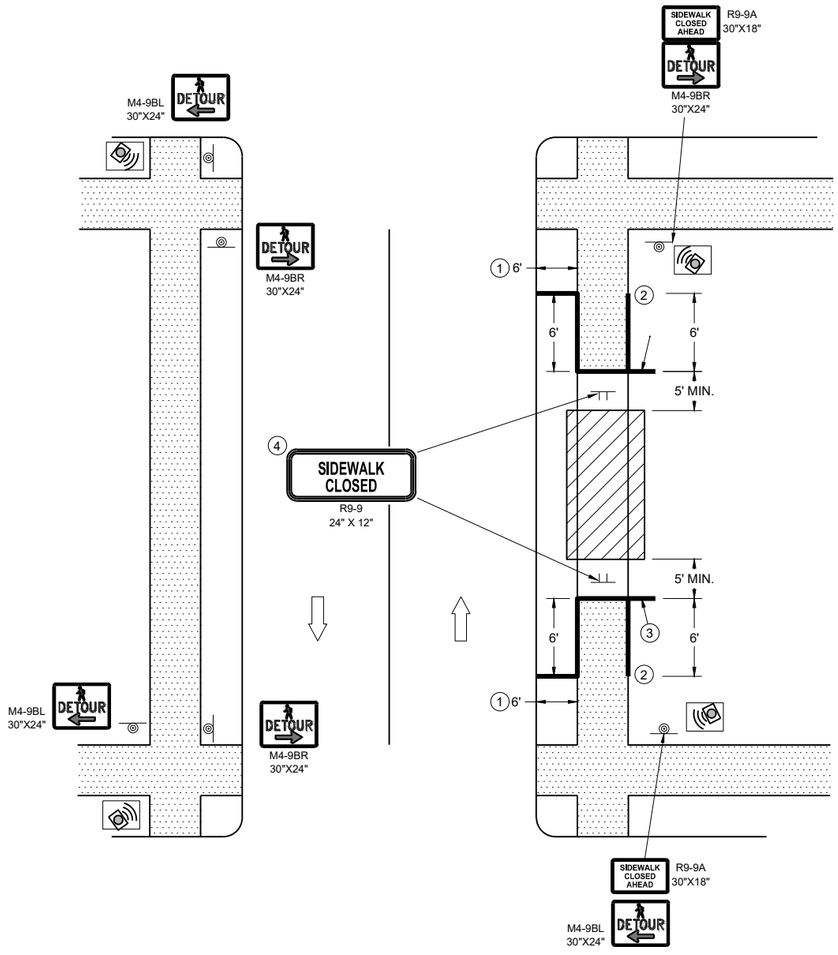
UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

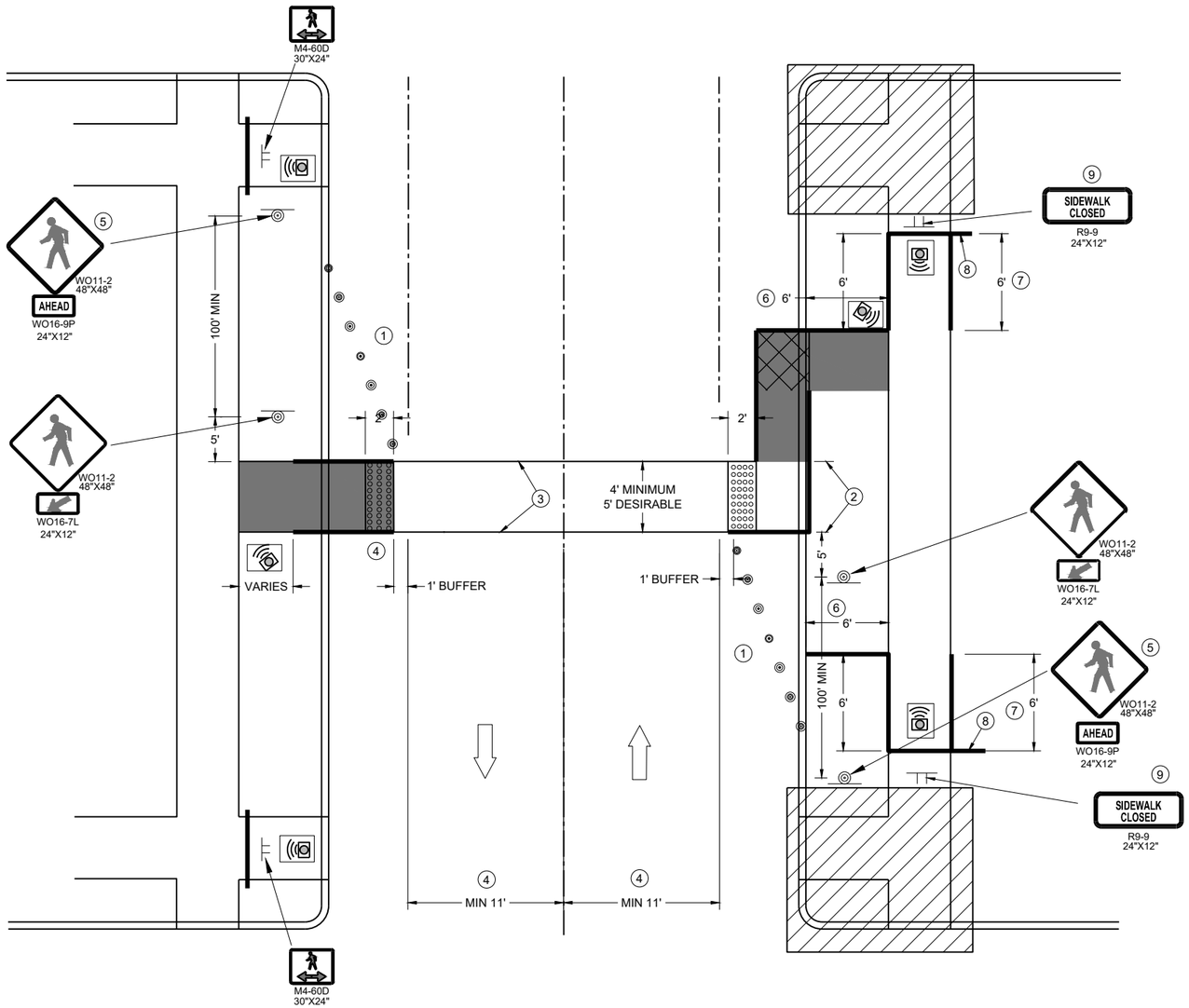
1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-10k



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

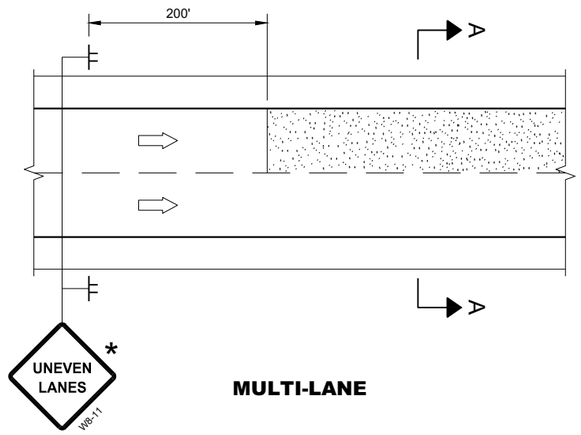
1. SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.
2. 4 FEET MINIMUM, 5 FEET DESIRABLE.
3. WHITE 6" TEMPORARY PAVEMENT MARKING.
4. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.
5. IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.
6. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
7. 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.
8. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
9. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

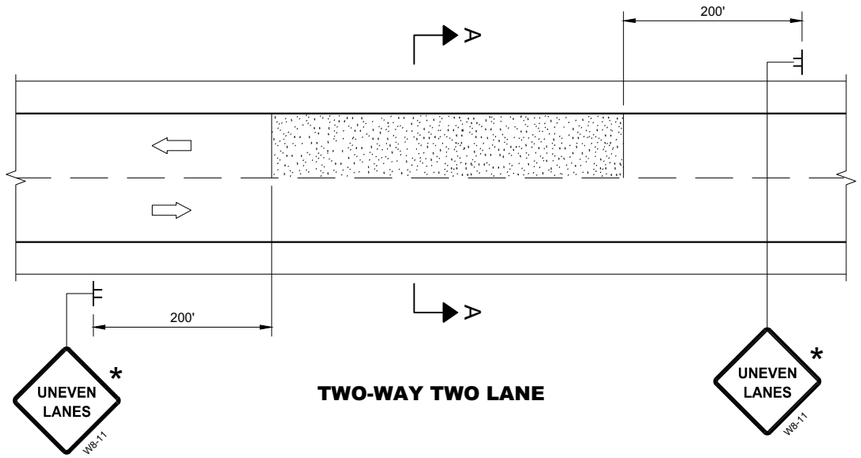
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



MULTI-LANE



TWO-WAY TWO LANE

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

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

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

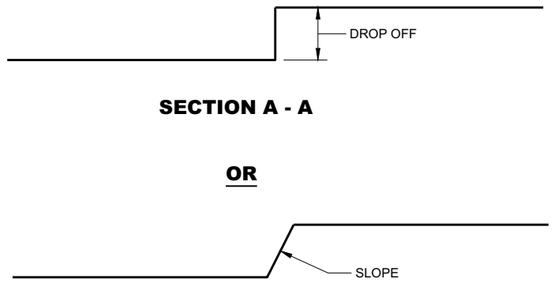
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

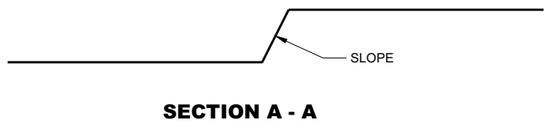
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE

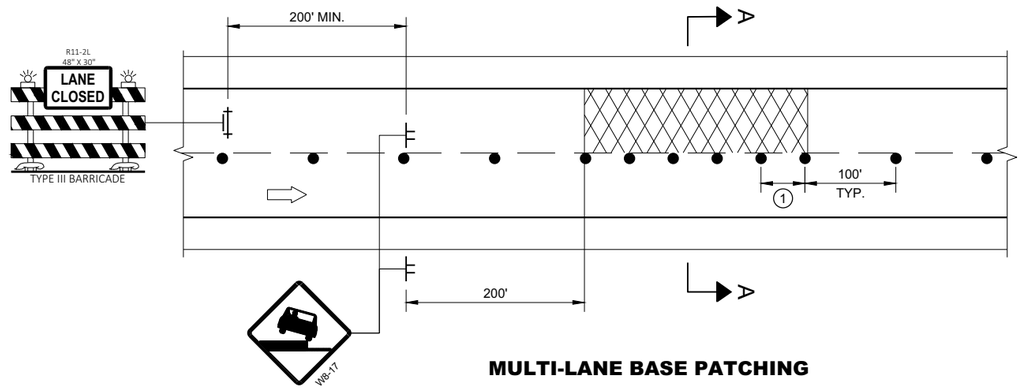


SECTION A - A

OR

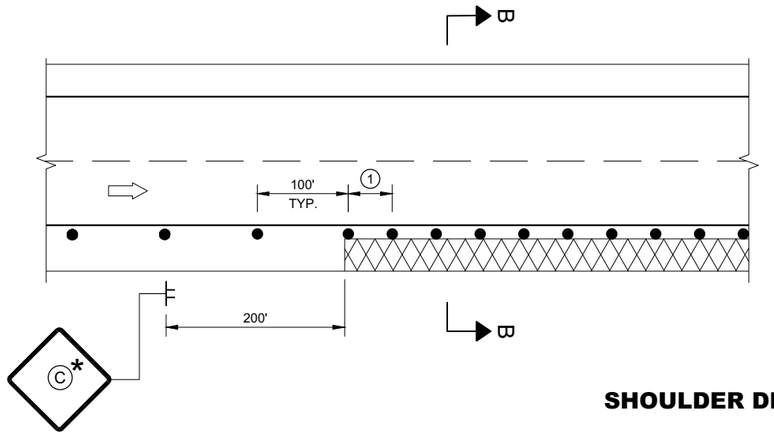


SECTION A - A

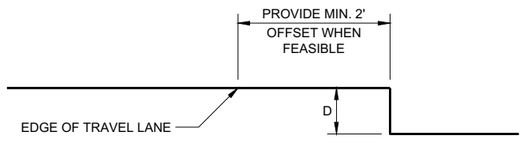


MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS



SHOULDER DROP-OFFS



SECTION B - B

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP - OFF W8-9A PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D39 - 02

6

SDD 15D39 - 02

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)					BUFFER SPACE (B) FEET
		10	11	12	13	14	
25	200	52	57	63	68	73	55
30	200	75	83	90	98	105	85
35	350	102	112	123	133	143	120
40	350	133	147	160	173	187	170
45	500	225	248	270	293	315	220

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT RIGHT - REVERSE FOR SHIFTING LEFT.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

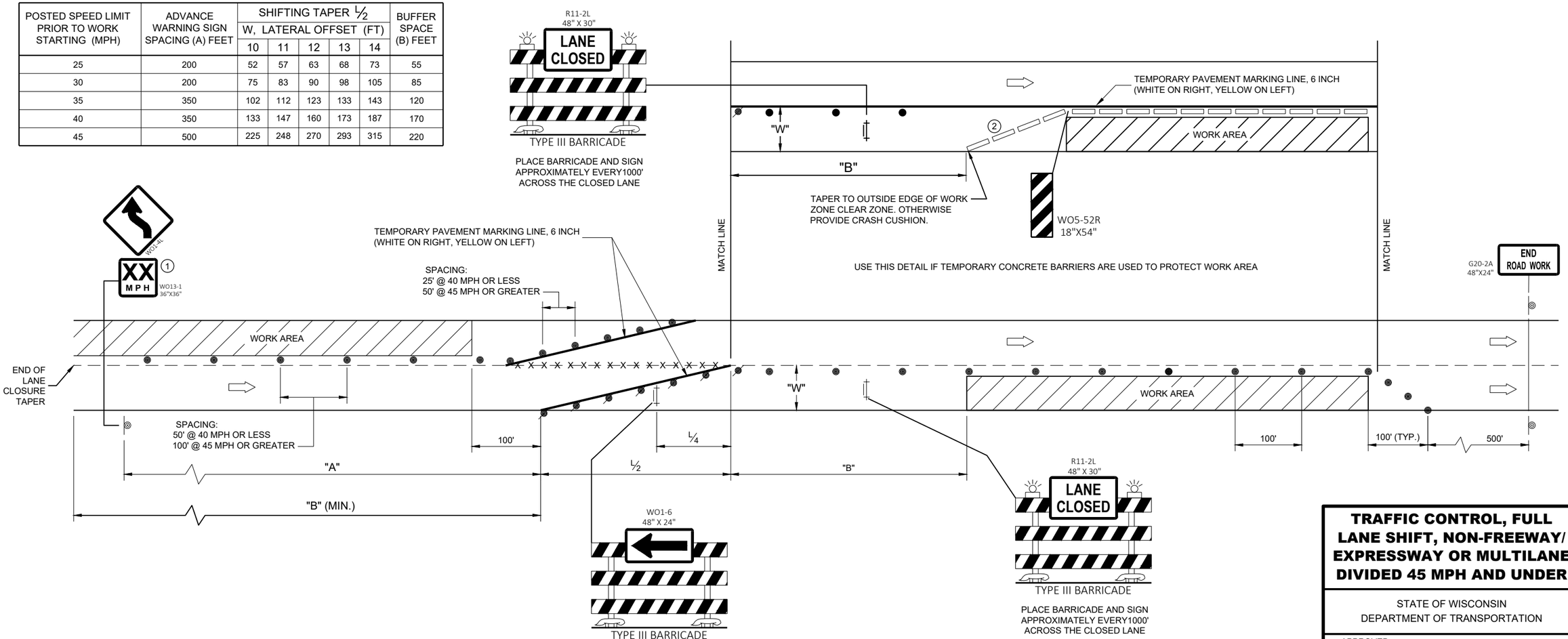
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER
SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL
CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

(2) BARRIER FLARE RATE: 6:1 @ 40 MPH OR LESS
8:1 @ 45 MPH OR GREATER



TRAFFIC CONTROL, FULL LANE SHIFT, NON-FREEWAY/ EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D40-05a

6

SDD 15D40-05a

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.

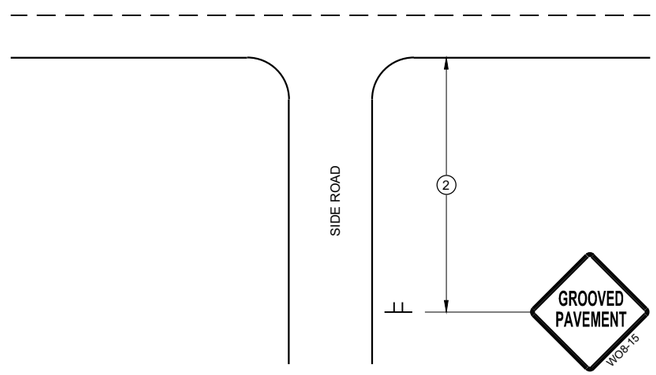
(1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

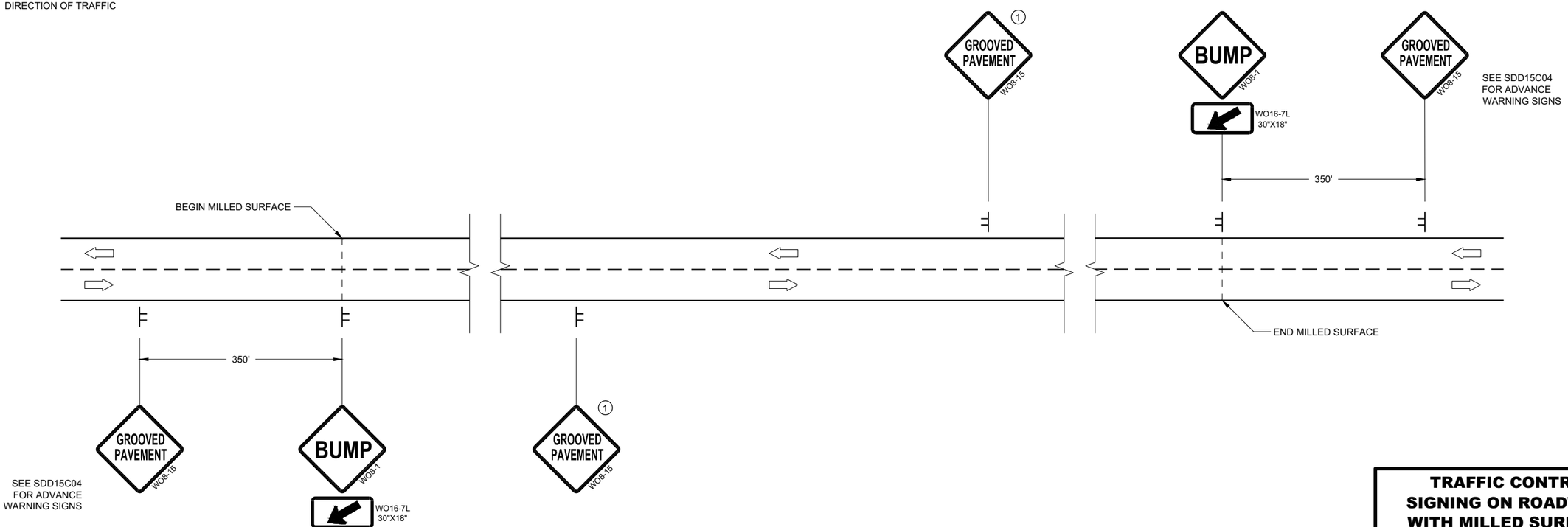
LEGEND

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

6
SDD 15D44 - 02

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)					
		3	4	5	6	7	8
25	200	10	14	17	21	24	28
30	200	15	20	25	30	35	40
35	350	20	27	34	40	47	54
40	350	26	35	44	53	62	70
45	500	45	59	74	89	104	119
50	500	50	66	83	99	116	132
55	500	54	73	91	109	127	145

GENERAL NOTES

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"x36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

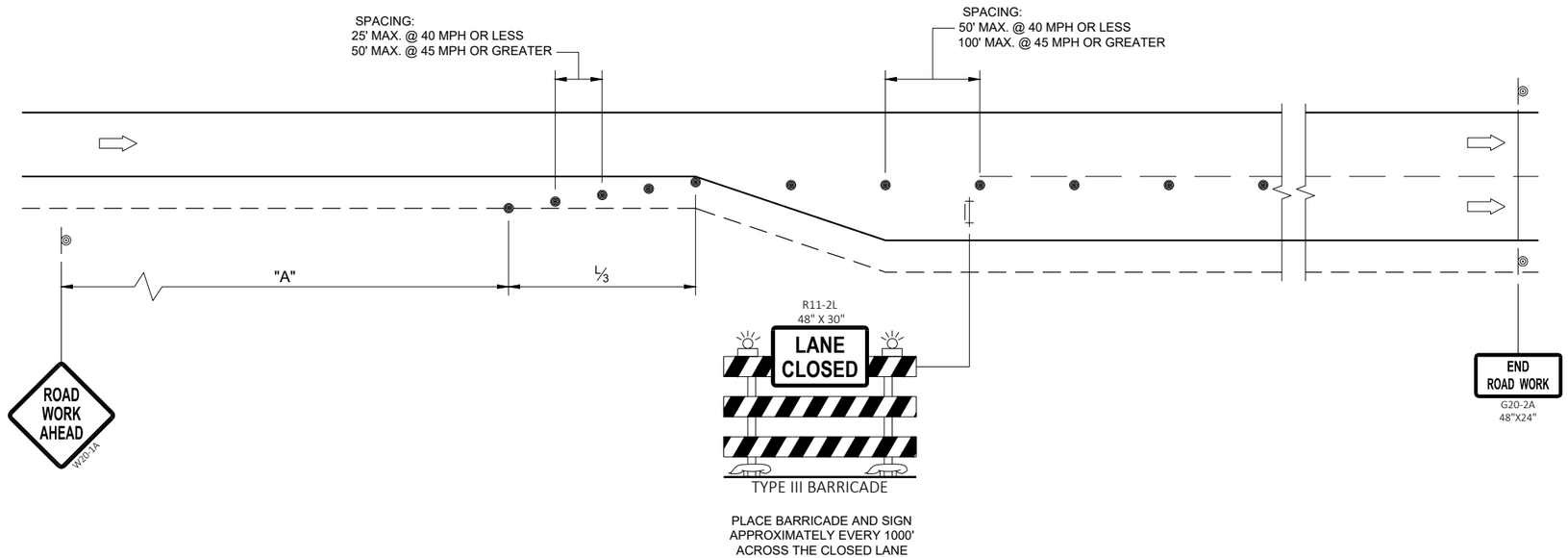
"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

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

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION WORK IS LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS.



PLACE BARRICADE AND SIGN APPROXIMATELY EVERY 1000' ACROSS THE CLOSED LANE

TRAFFIC CONTROL
ADDED LANE CLOSURE
WITHOUT LANE SHIFT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

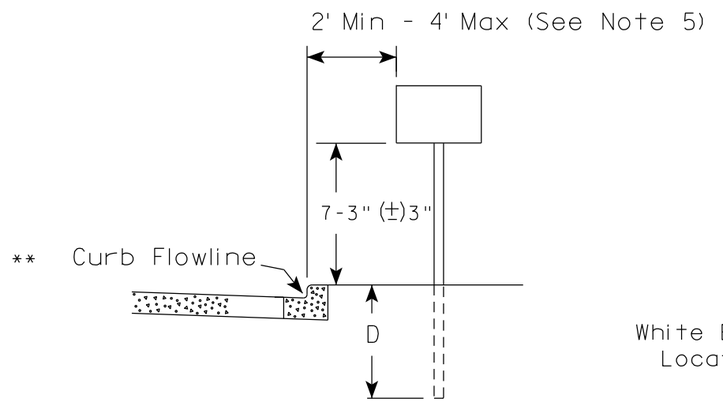
APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

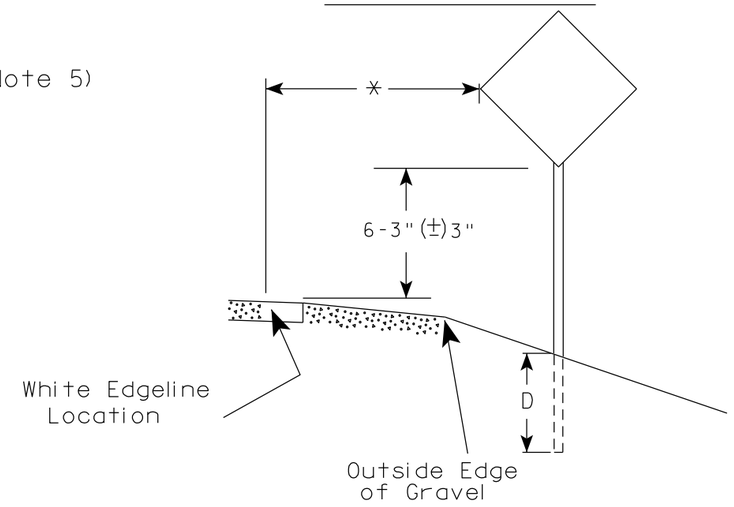
FHWA

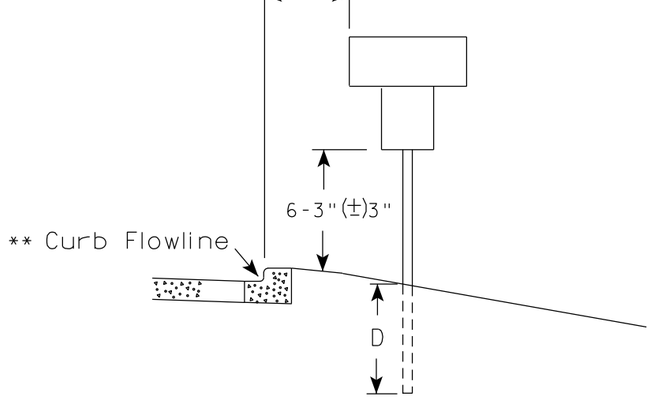
6
SDD 15D50-03a

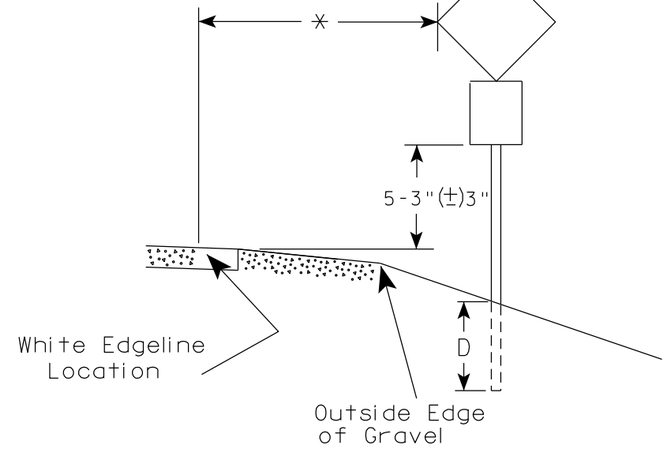
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

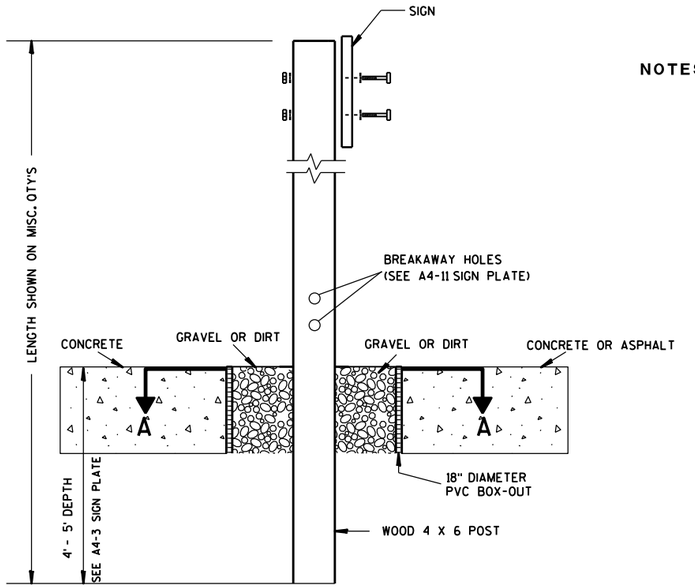
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

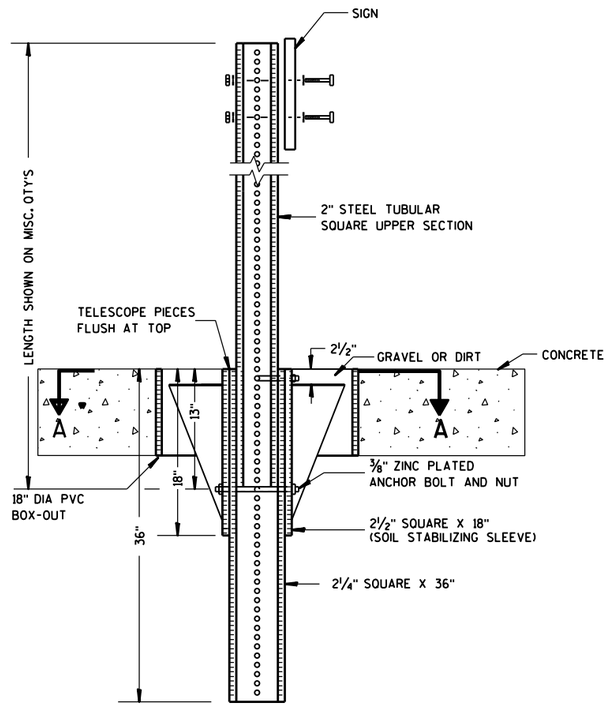
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 379	E



ELEVATION VIEW

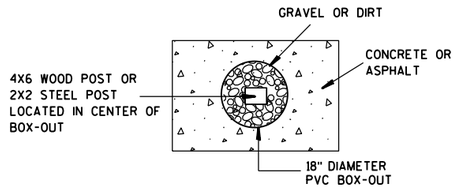
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

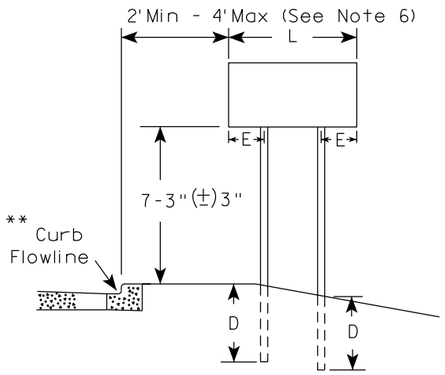
APPROVED Matthew R Rauch
for State Traffic Engineer

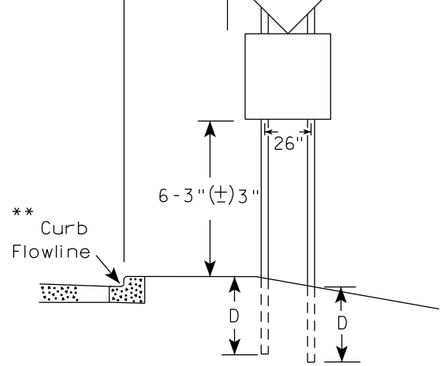
DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

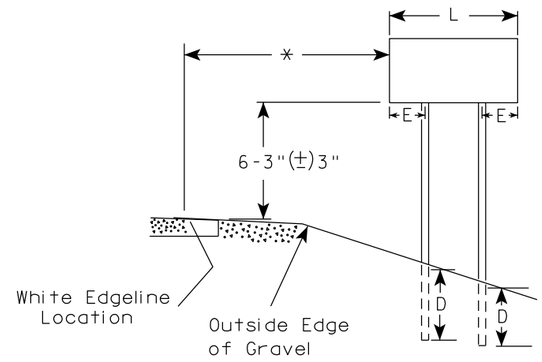
URBAN AREA

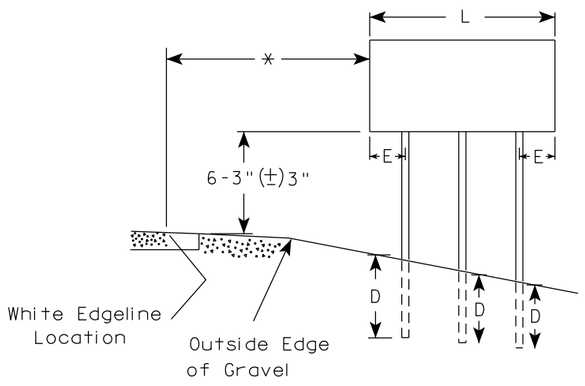


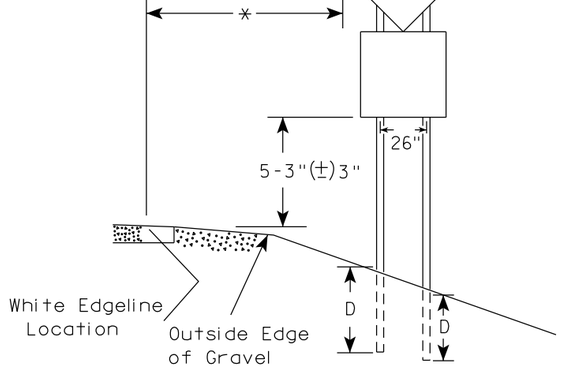


48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

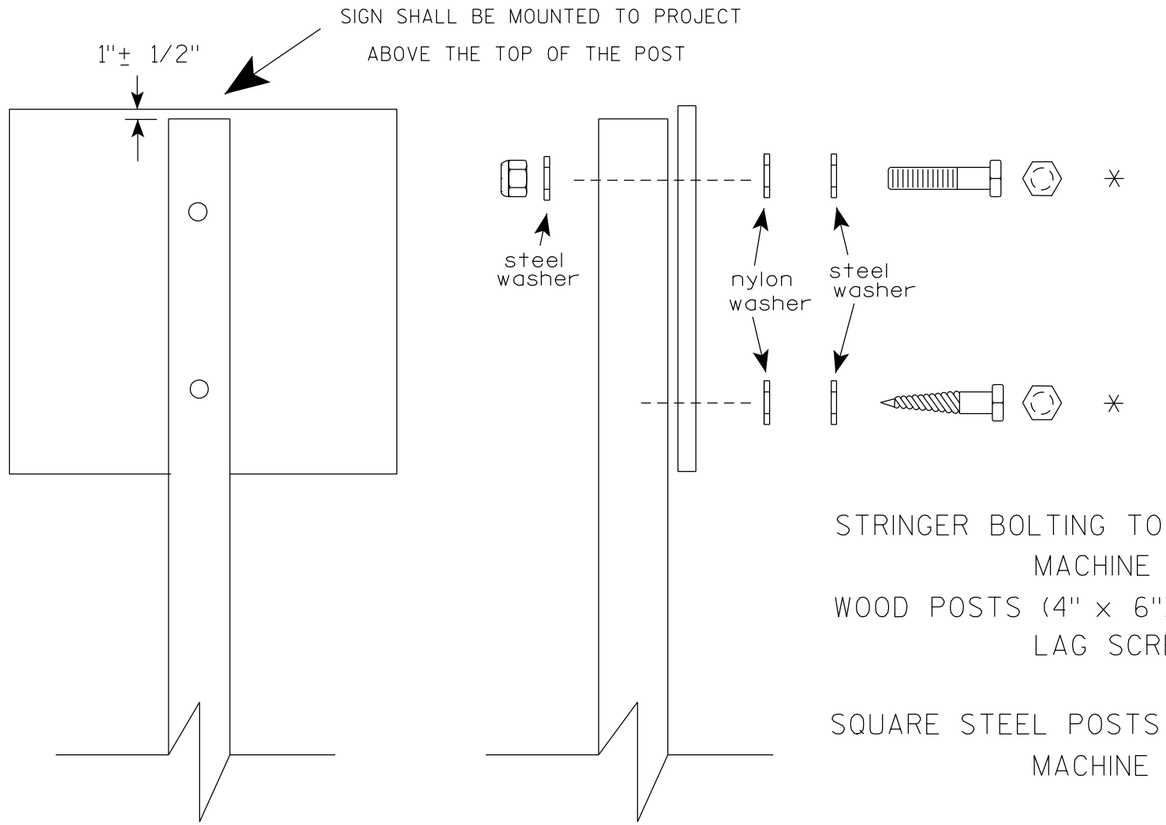
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 381	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

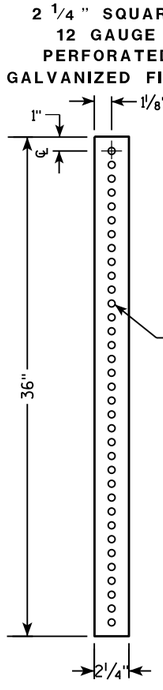
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

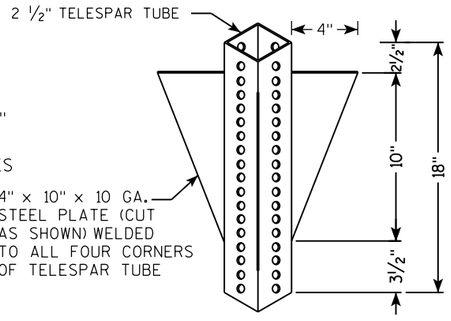
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

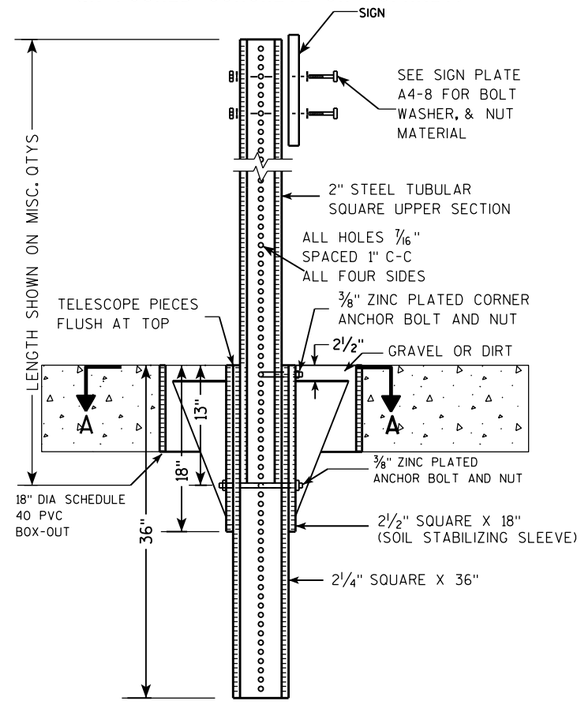
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



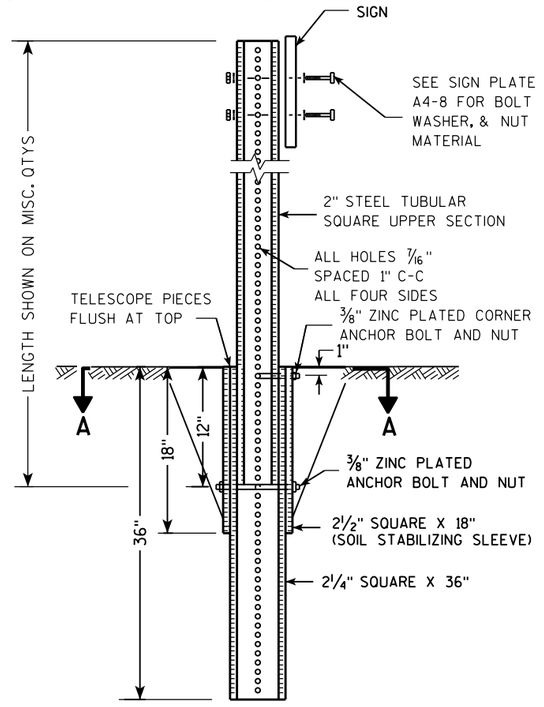
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

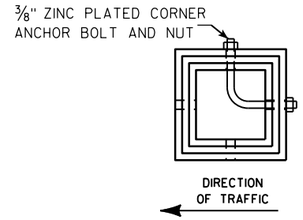


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

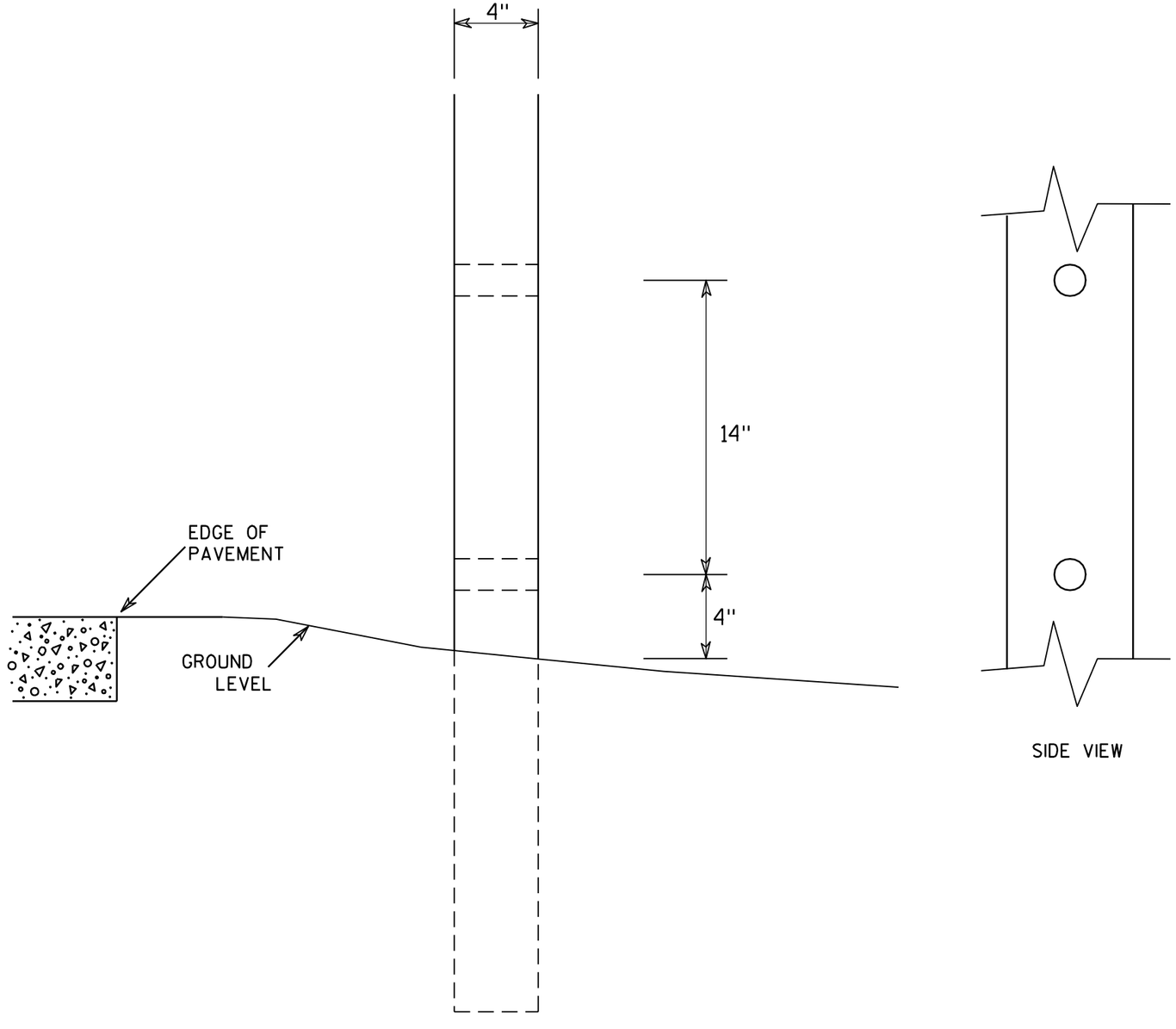
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 383 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000

WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

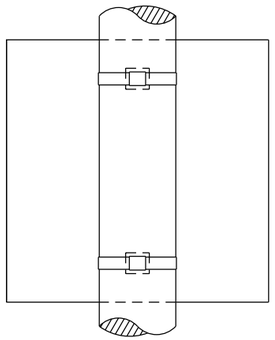
APPROVED Chester J Spang for State Traffic Engineer

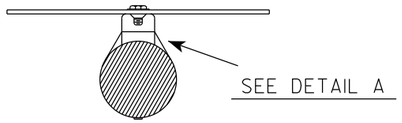
DATE 3/27/97 PLATE NO. A4-11.2

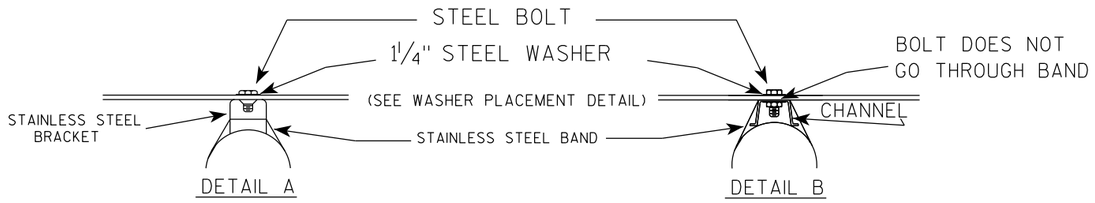
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 384	E

BANDING

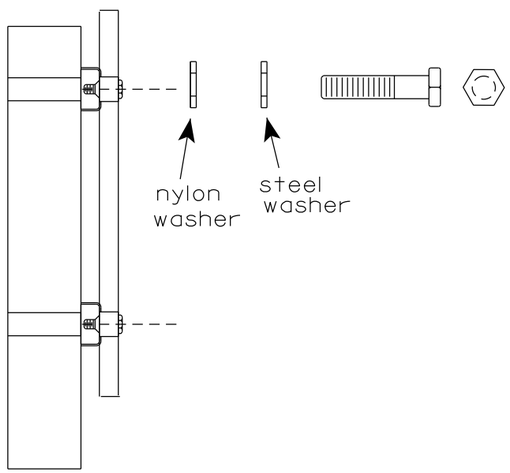
SINGLE SIGN







WASHER PLACEMENT

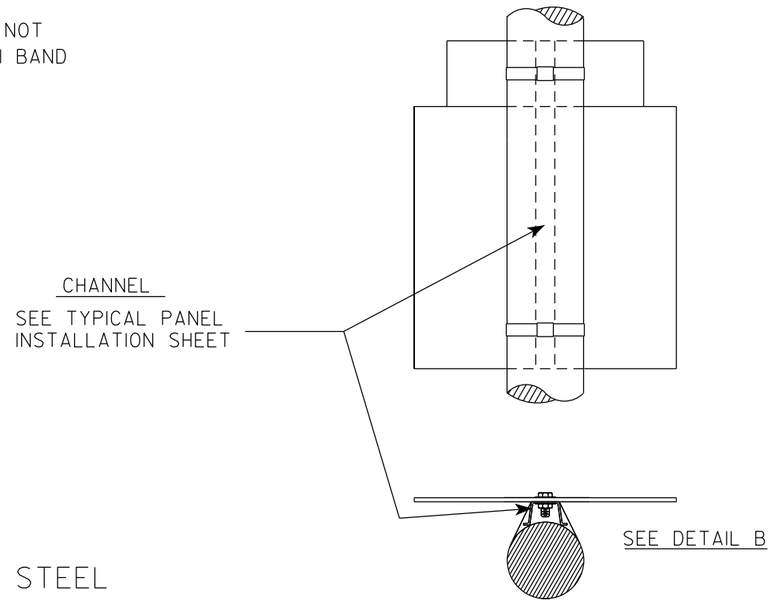


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

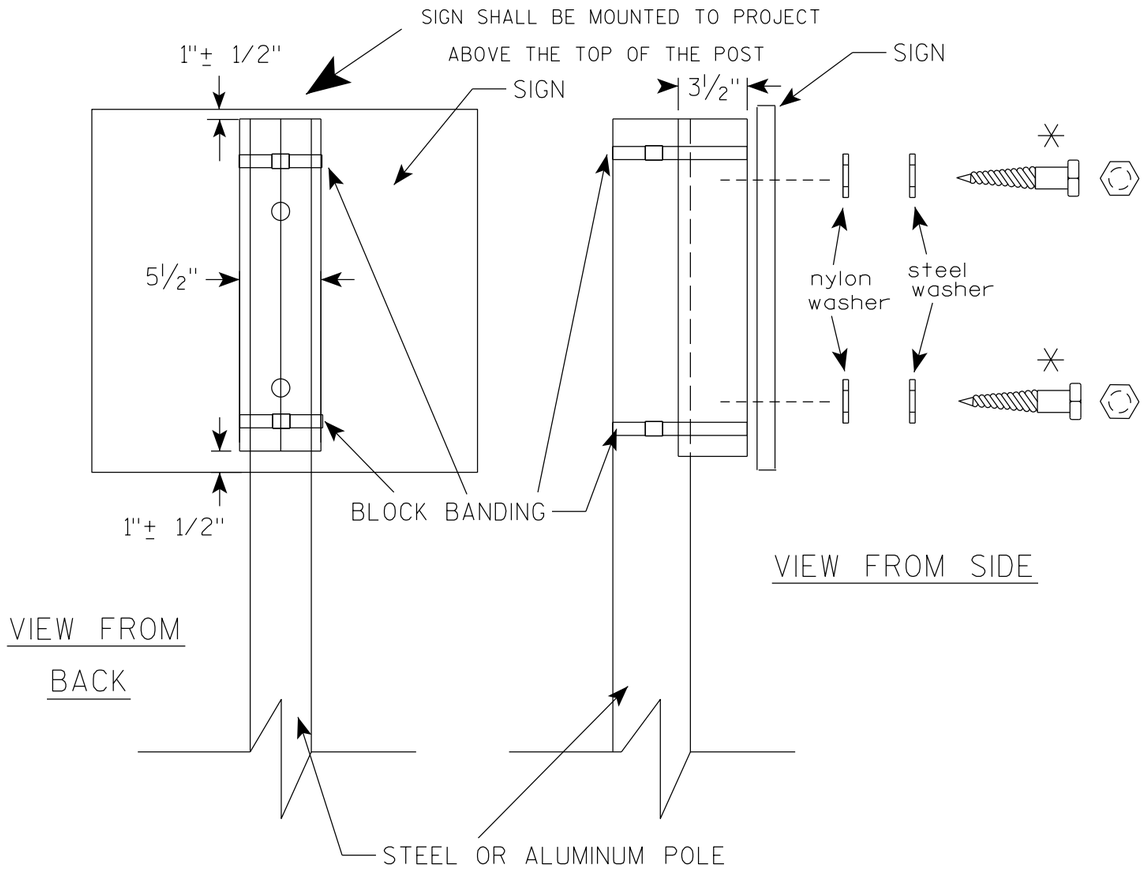
DATE 6/10/19 PLATE NO. A5-9.4

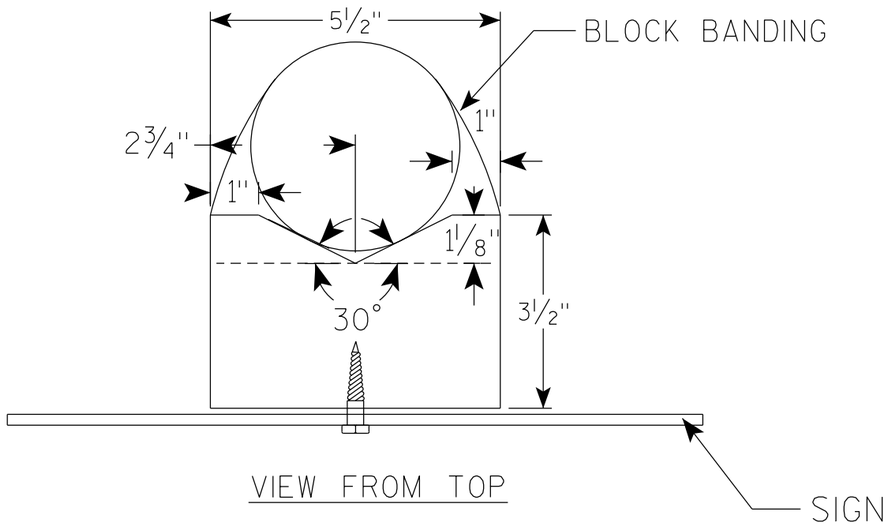
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 385	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

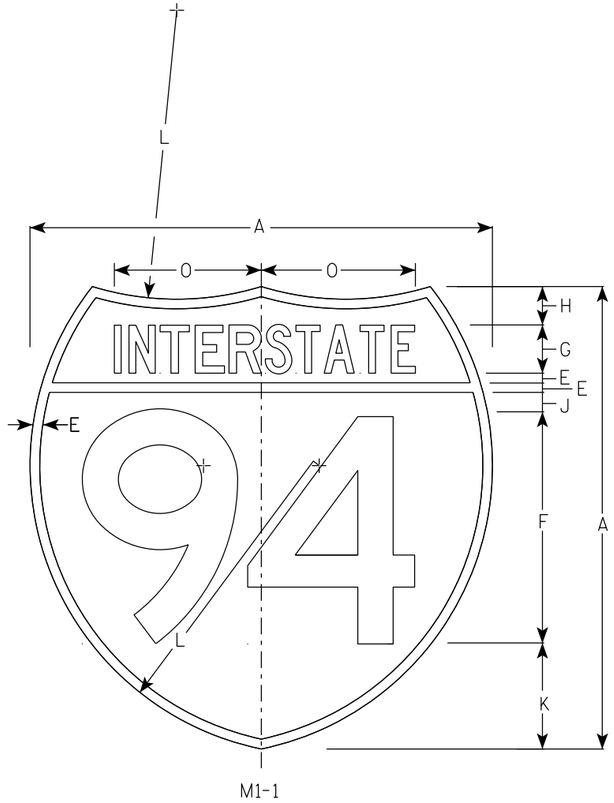
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

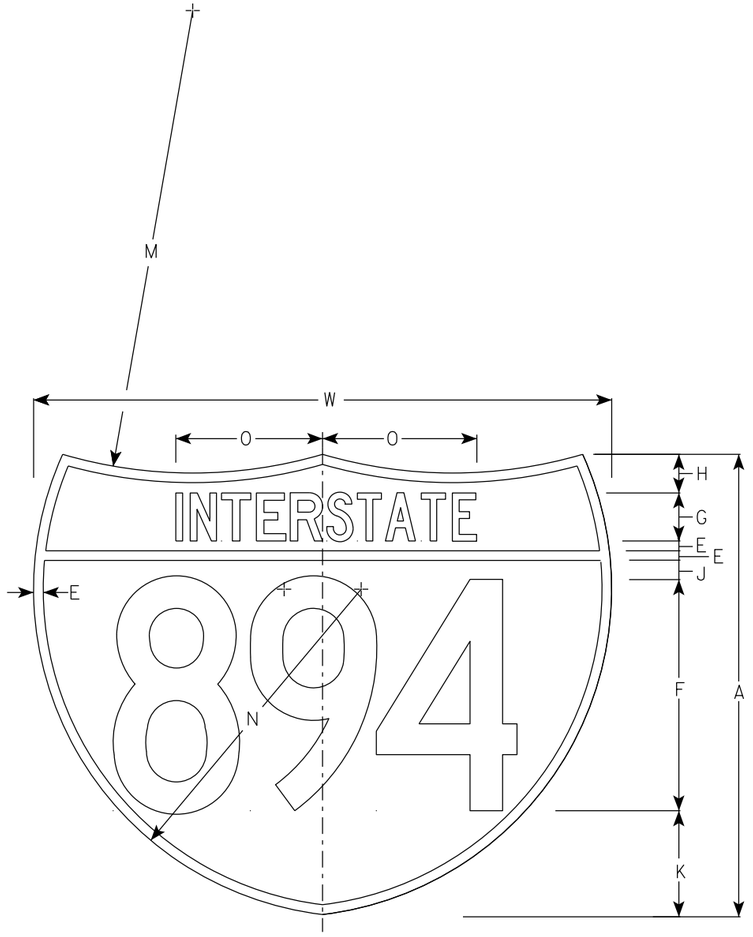
DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 386 E



M1-1



M1-1A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Top Red - Bottom Blue
   Message - White
3. Message Series - See note 5
4. Substitute appropriate numerals & ajust spacing as per plate A10-1.
5. M1-1 - Numerals - D
   Interstate - C
   M1-1A - All copy - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	M1-1 Area sq. ft.	M1-1A Area sq. ft.
1																											
2	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91
2M	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91
3	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79
4	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79
5	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79

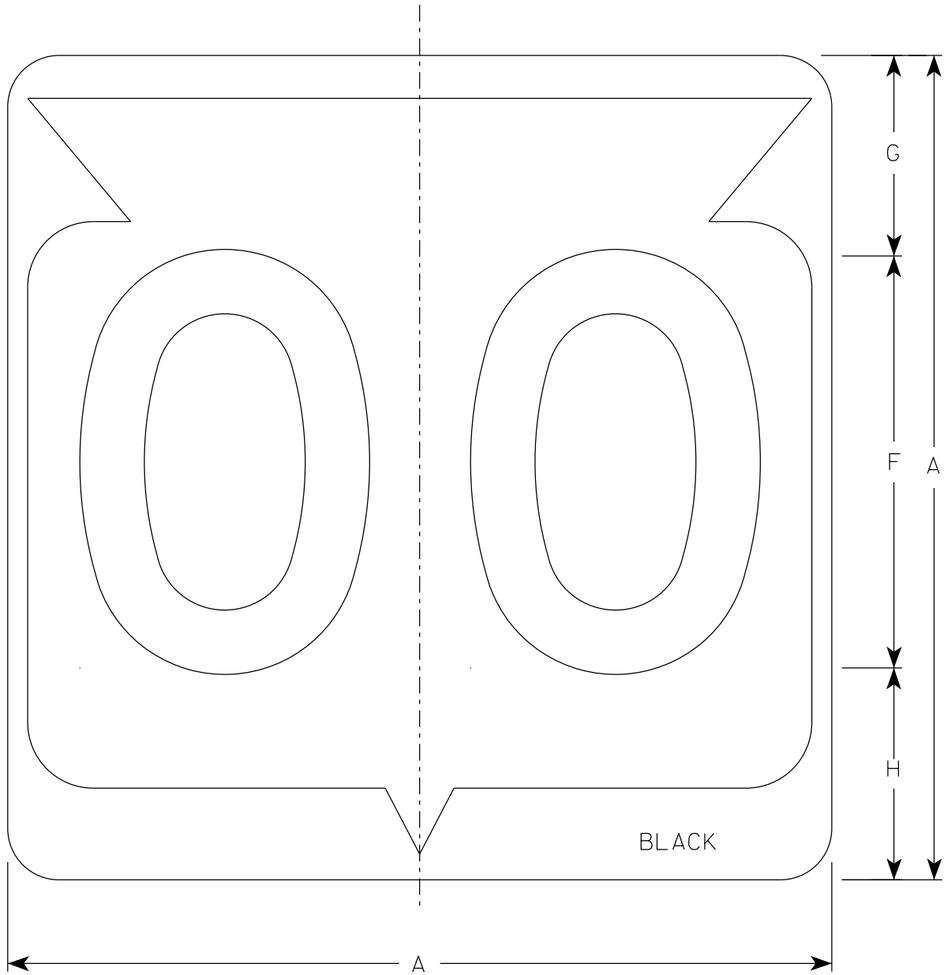
INTERSTATE ROUTE MARKER M1-1 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/7/2022 PLATE NO. M1-1.9

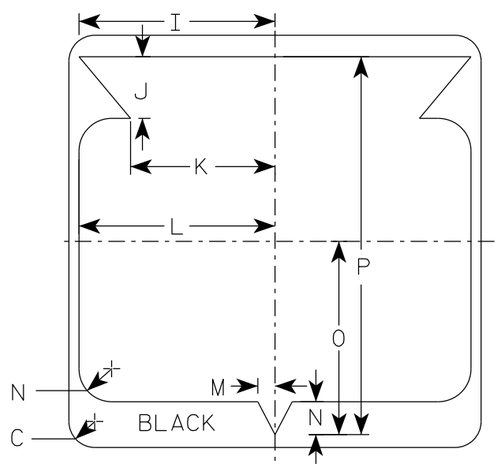
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 387 E



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
2M	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

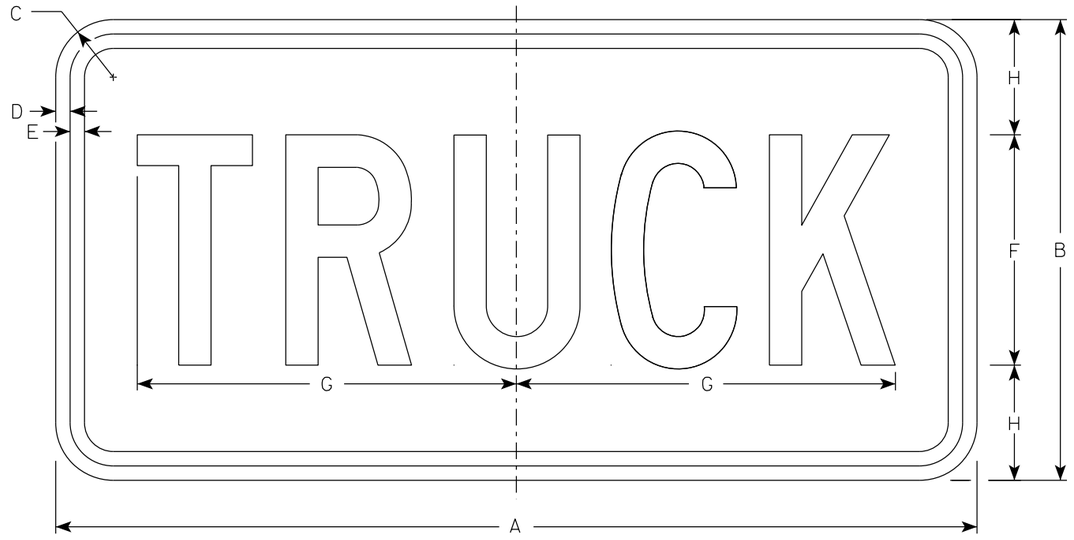
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 388	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C



M4-4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	9 7/8	3																			2.0
2M	24	12	1 1/2	3/8	3/8	6	9 7/8	3																			2.0
3	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5
4	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5
5	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5

STANDARD SIGN

M4-4

WISCONSIN DEPT OF TRANSPORTATION

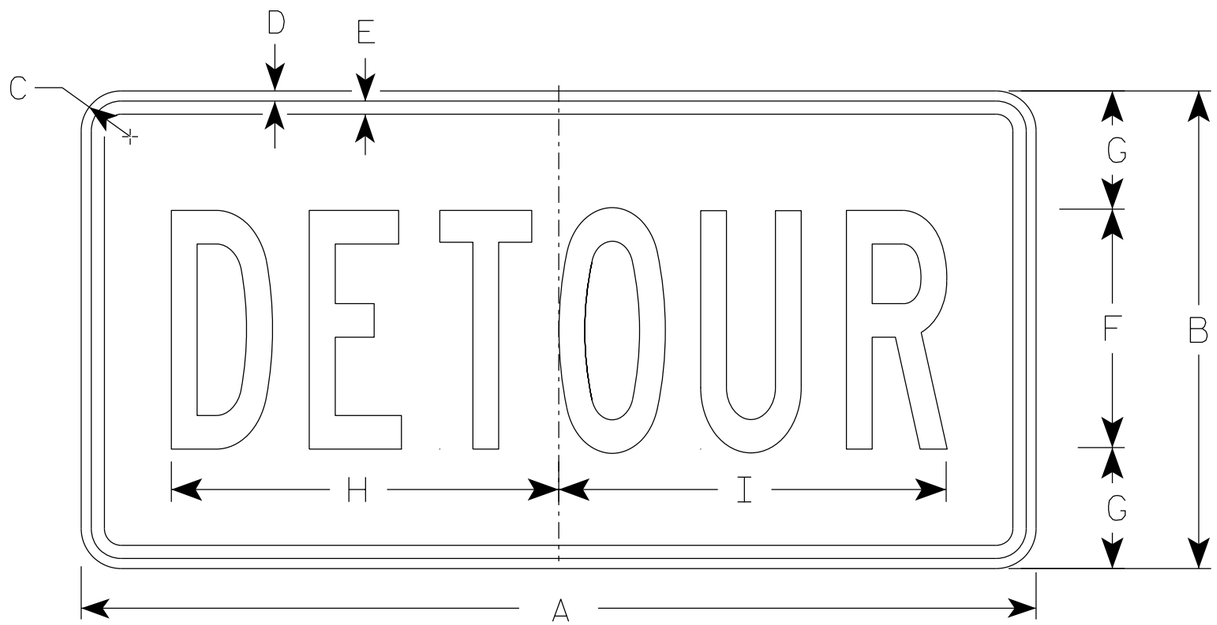
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/21/2022 PLATE NO. M4-4.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



M4-8

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

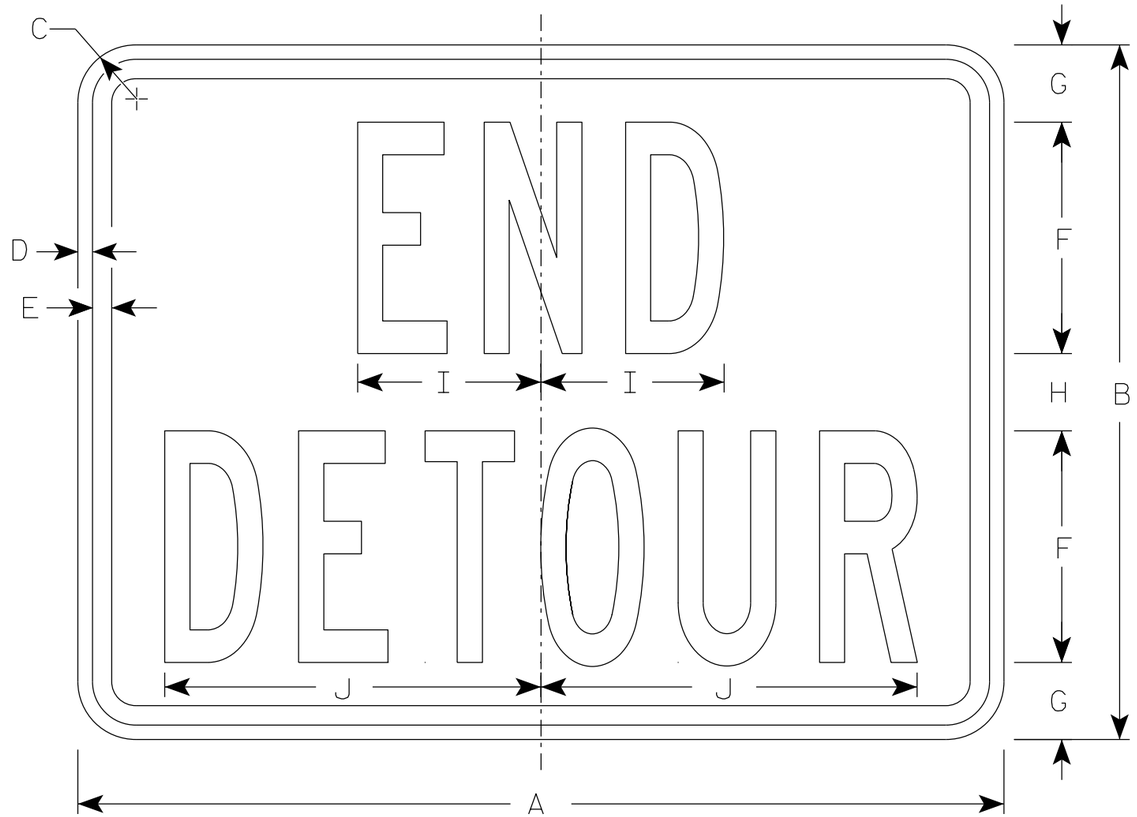
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 390	E



M4-8A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
2M	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
3	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
4	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
5	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0

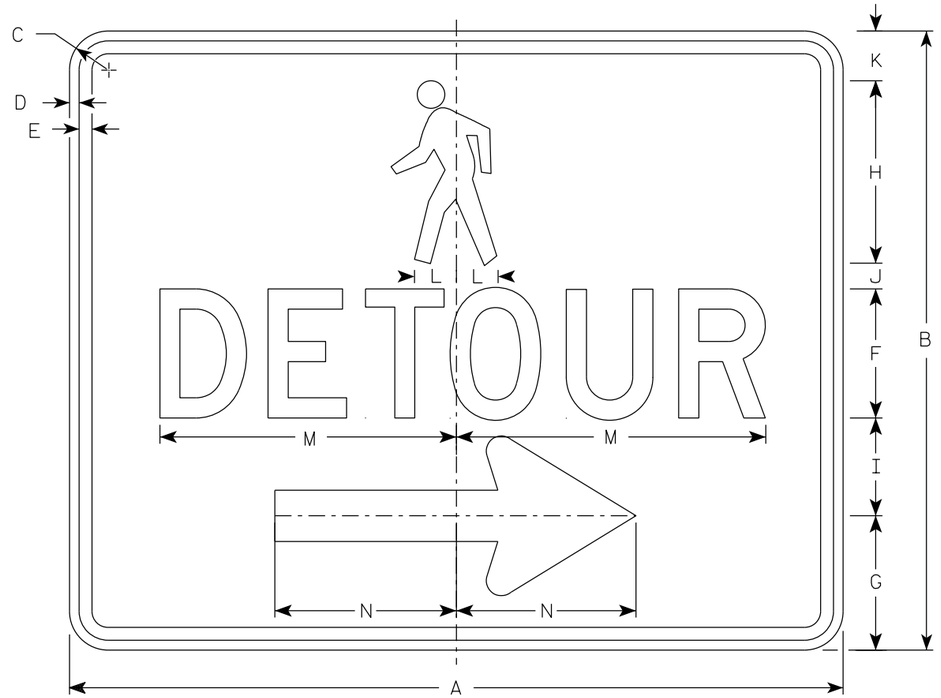
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

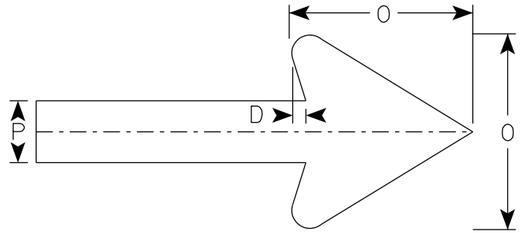
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 391 | E



M4-9BR

NOTES

1. Sign is Type II-Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-9BL is the same as M4-9BR except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.0
2M	30	24	1 1/2	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.0
3																											
4																											
5																											

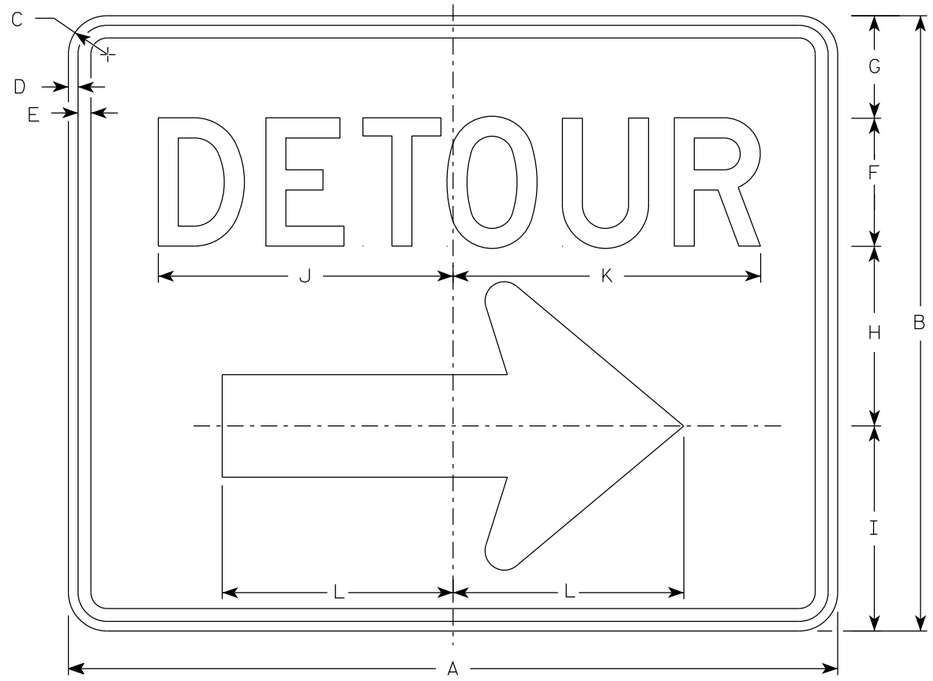
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

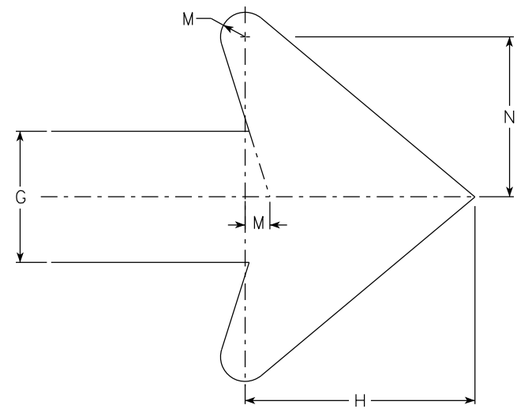
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 392 | E



M4-9R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-9L is the same as M4-9R except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
2M	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

STANDARD SIGN
M4-9 R & L

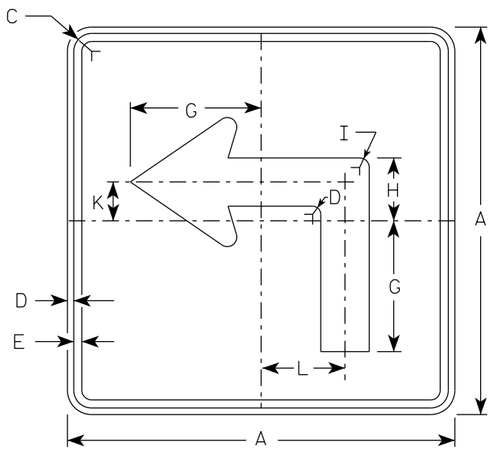
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

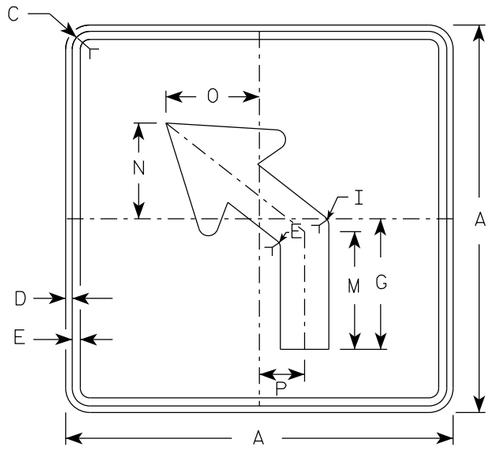
DATE 2/9/2023 PLATE NO. M4-9R.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

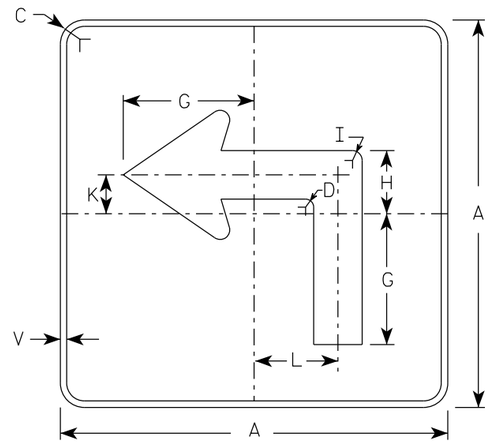
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M49R.dgn PLOT DATE : 21-MARCH 2023 1:40 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



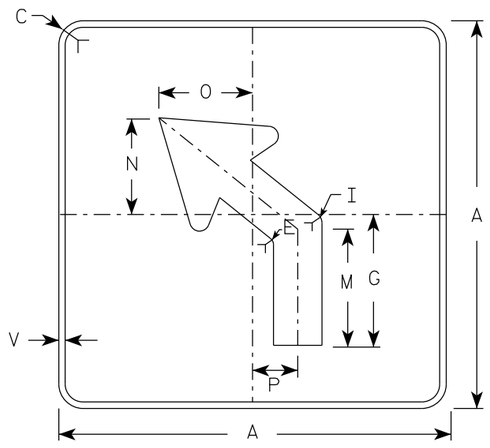
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

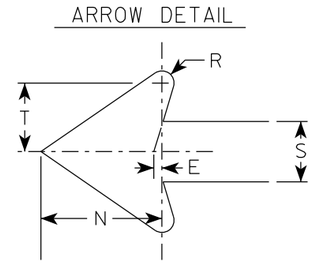


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

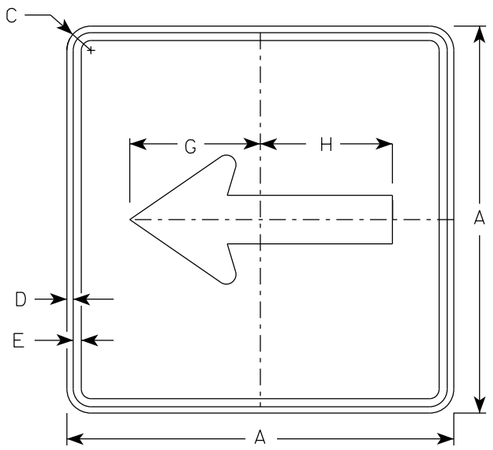
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

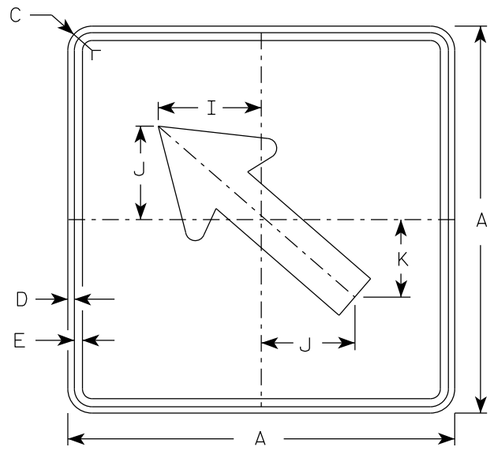
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

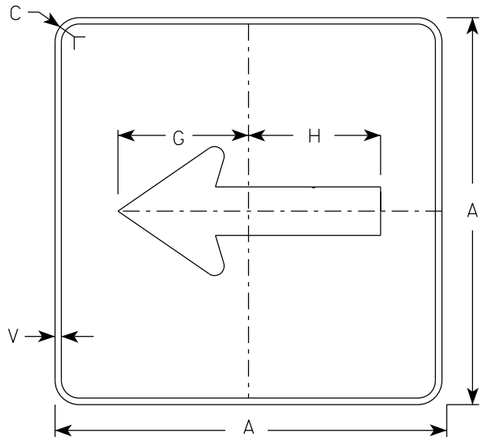
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 394 | E



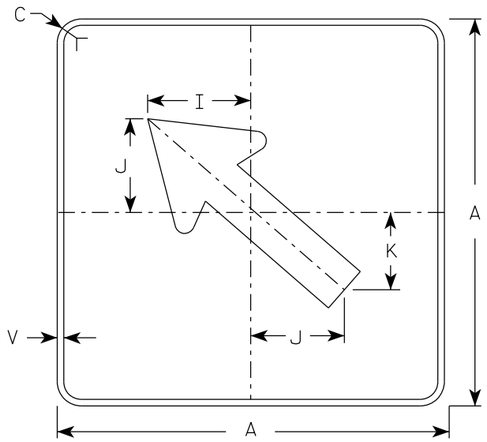
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

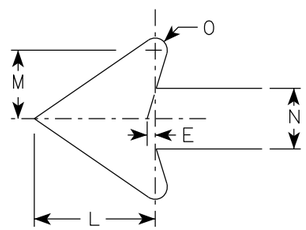


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

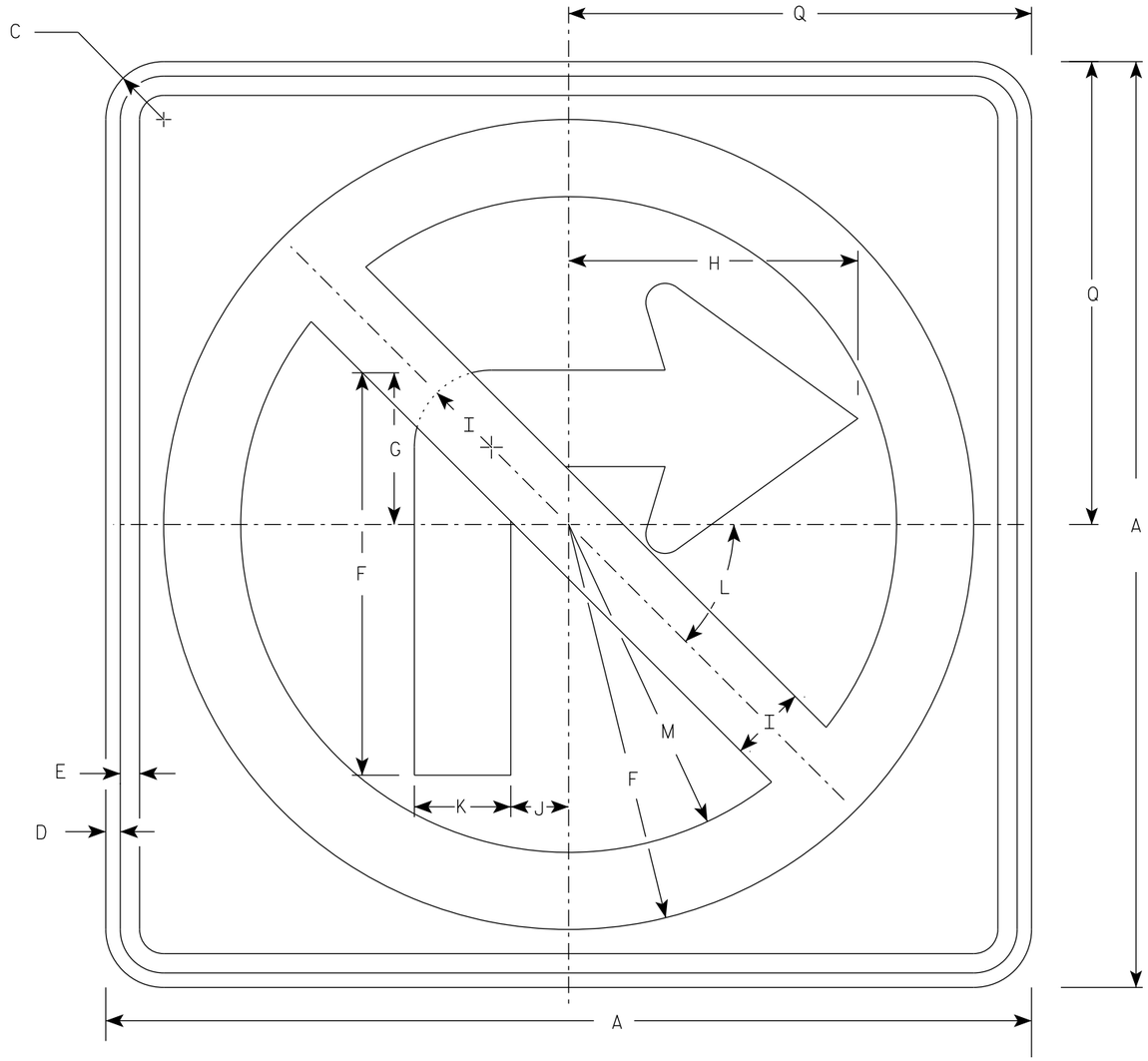
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 395 | E

7

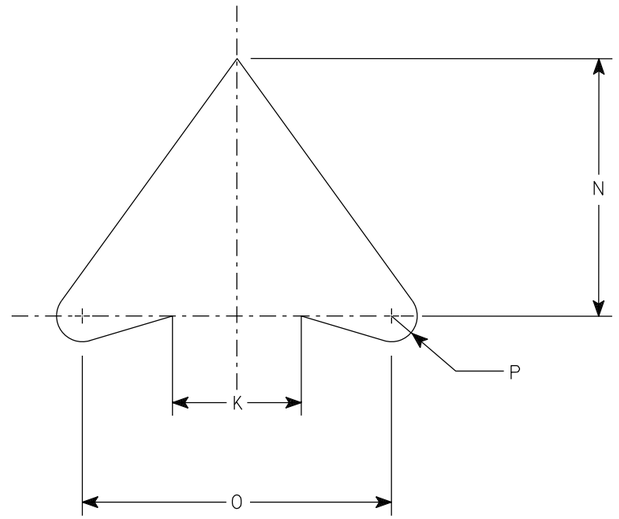
7



R3-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45	8 ½	5	6	½	12										4.0
2S	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½	12										4.0
2M	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45	12 ¾	7 ½	9	¾	18										9.0
3	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45	12 ¾	7 ½	9	¾	18										9.0
4	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾	18										9.0
5	48		2 ¼	¾	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0

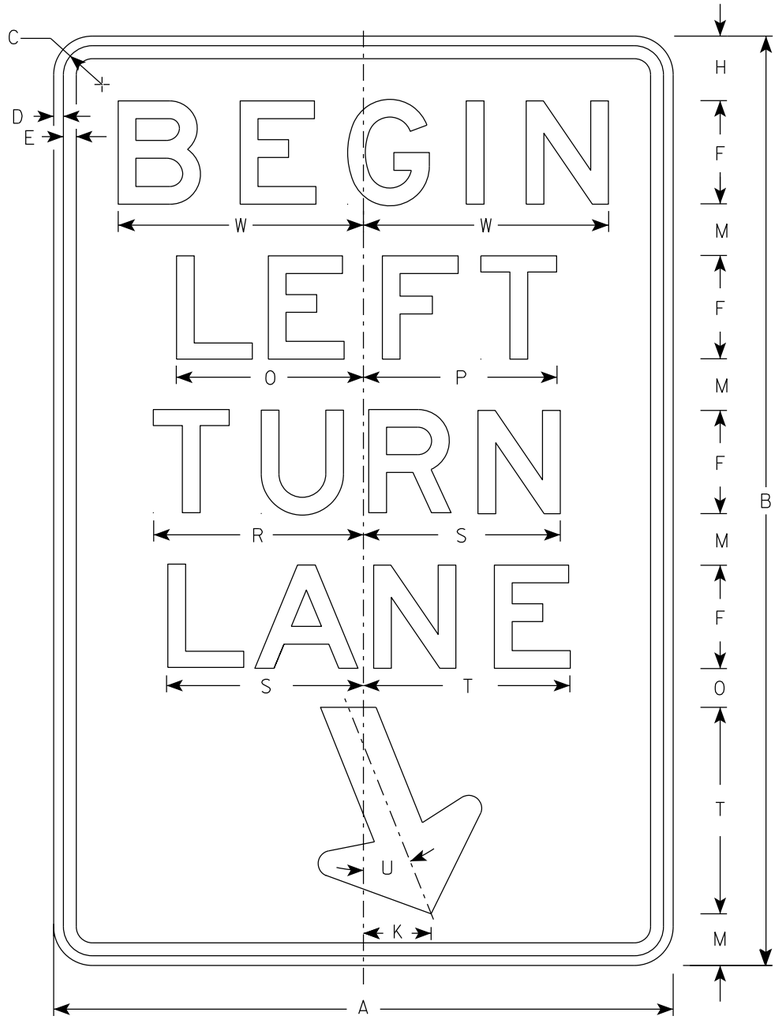
STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-1.6

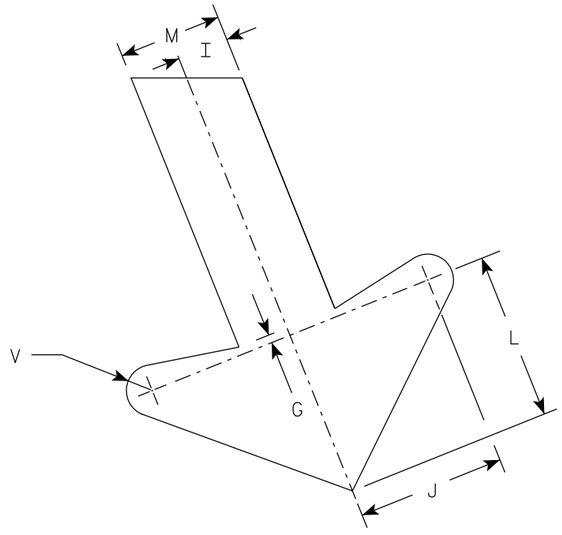
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 396 | E



R3-20L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

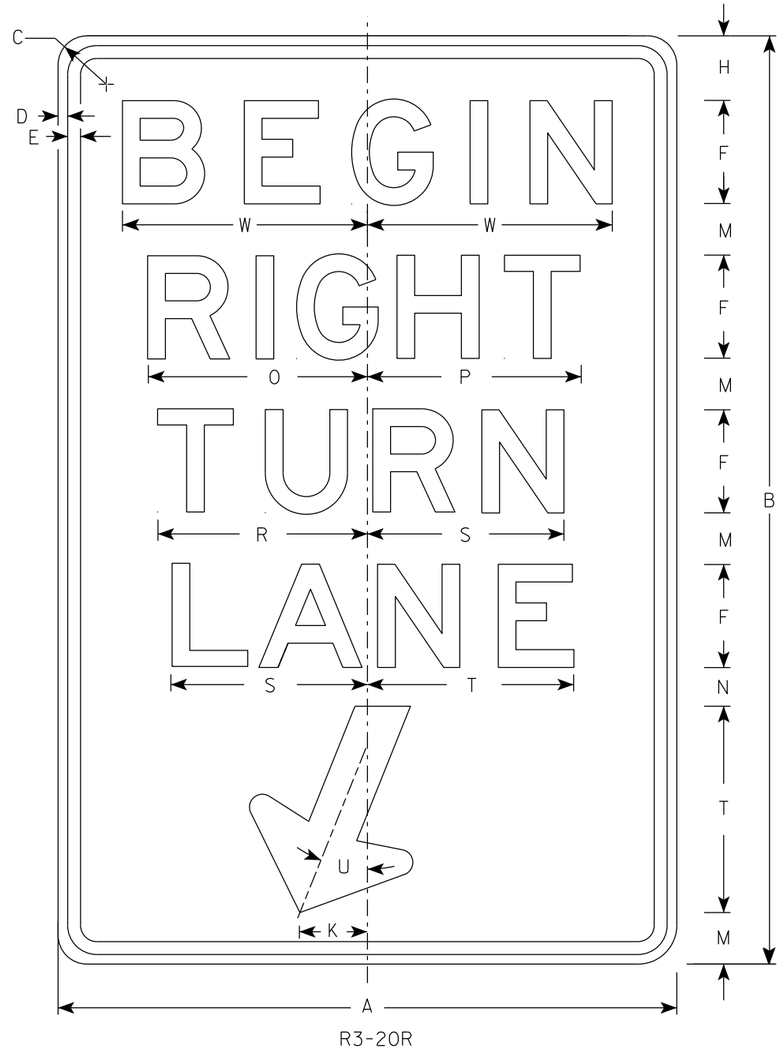
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20L.8

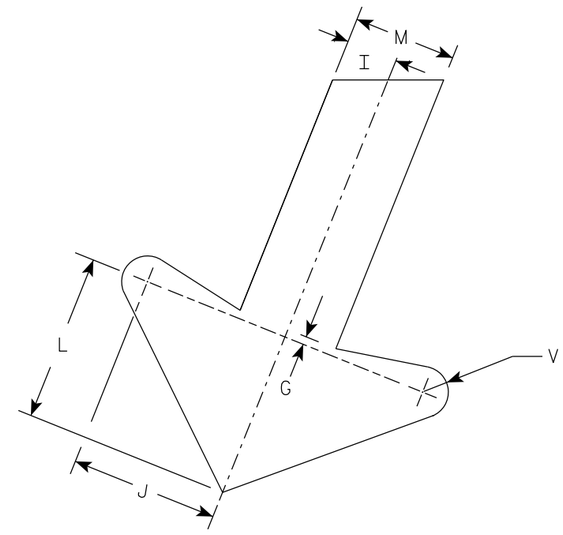
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 397	E



R3-20R

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

STANDARD SIGN
R3-20R

WISCONSIN DEPT OF TRANSPORTATION

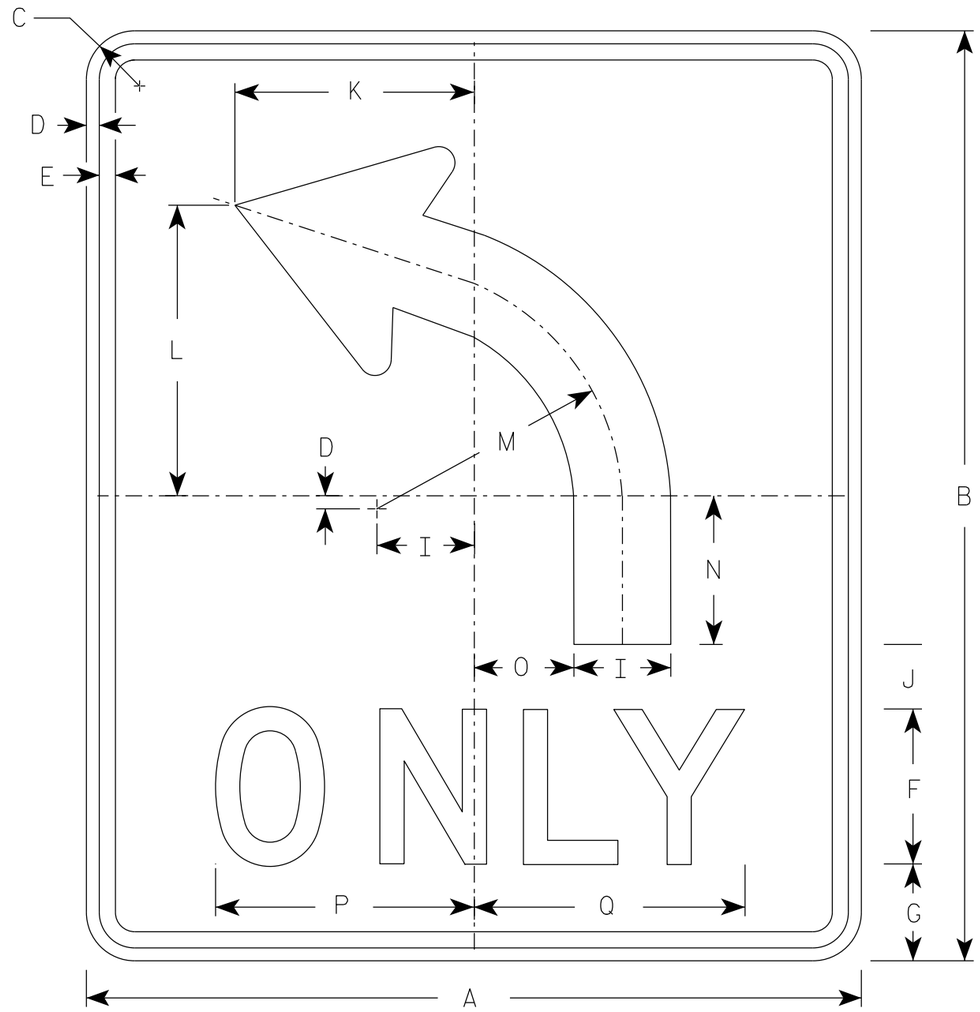
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20R.7

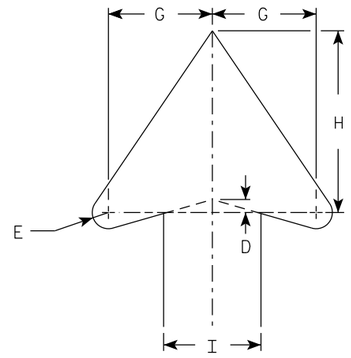
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 398 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R3-50R is the same as R3-50L except curved portion of arrow points right.



R3-50L



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
2M	30	36	1 7/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
3																											
4																											
5																											

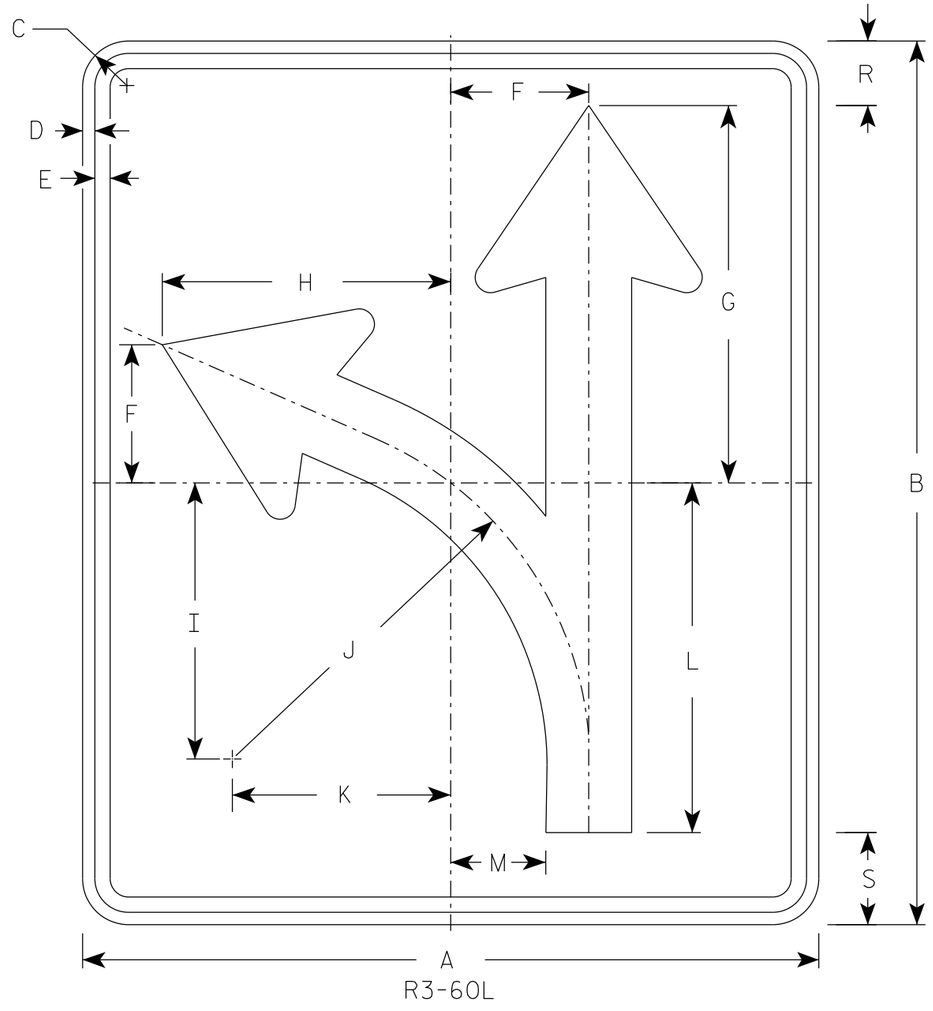
STANDARD SIGN
R3-50

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-50.3

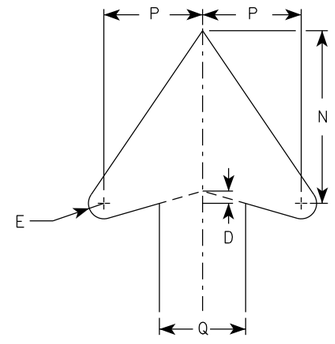
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 399	E



R3-60L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R3-60R is the same as R3-60L except curved portion of arrow points to right.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	5 5/8	15 3/8	11 1/4	5 3/8	14 1/2	8 7/8	14 1/4	3 7/8	7		4	3 1/2	2 5/8	3 3/4								7.5
2M	30	36	1 7/8	1/2	5/8	5 5/8	15 3/8	11 1/4	5 3/8	14 1/2	8 7/8	14 1/4	3 7/8	7		4	3 1/2	2 5/8	3 3/4								7.5
3																											
4																											
5																											

STANDARD SIGN
R3-60

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/23 PLATE NO. R3-60.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 400 | E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R360.dgn PLOT DATE : 16-MAR 2023 1:23 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

7



R8-8

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/2	3/8	1/2	4	3 5/8	2 1/4	9 1/4	9 5/8	6 5/8	3 5/8	10														5.0
2M	24	30	1 1/2	3/8	1/2	4	3 5/8	2 1/4	9 1/4	9 5/8	6 5/8	3 5/8	10														5.0
3	36	48	1 7/8	1/2	5/8	6	6	4	13 7/8	14 3/8	9 7/8	5 3/8	15														12.0
4	48	60	3	3/4	1	8	7 1/4	4 1/2	18 1/2	19 1/4	13 1/4	7 1/4	20														20.0
5																											

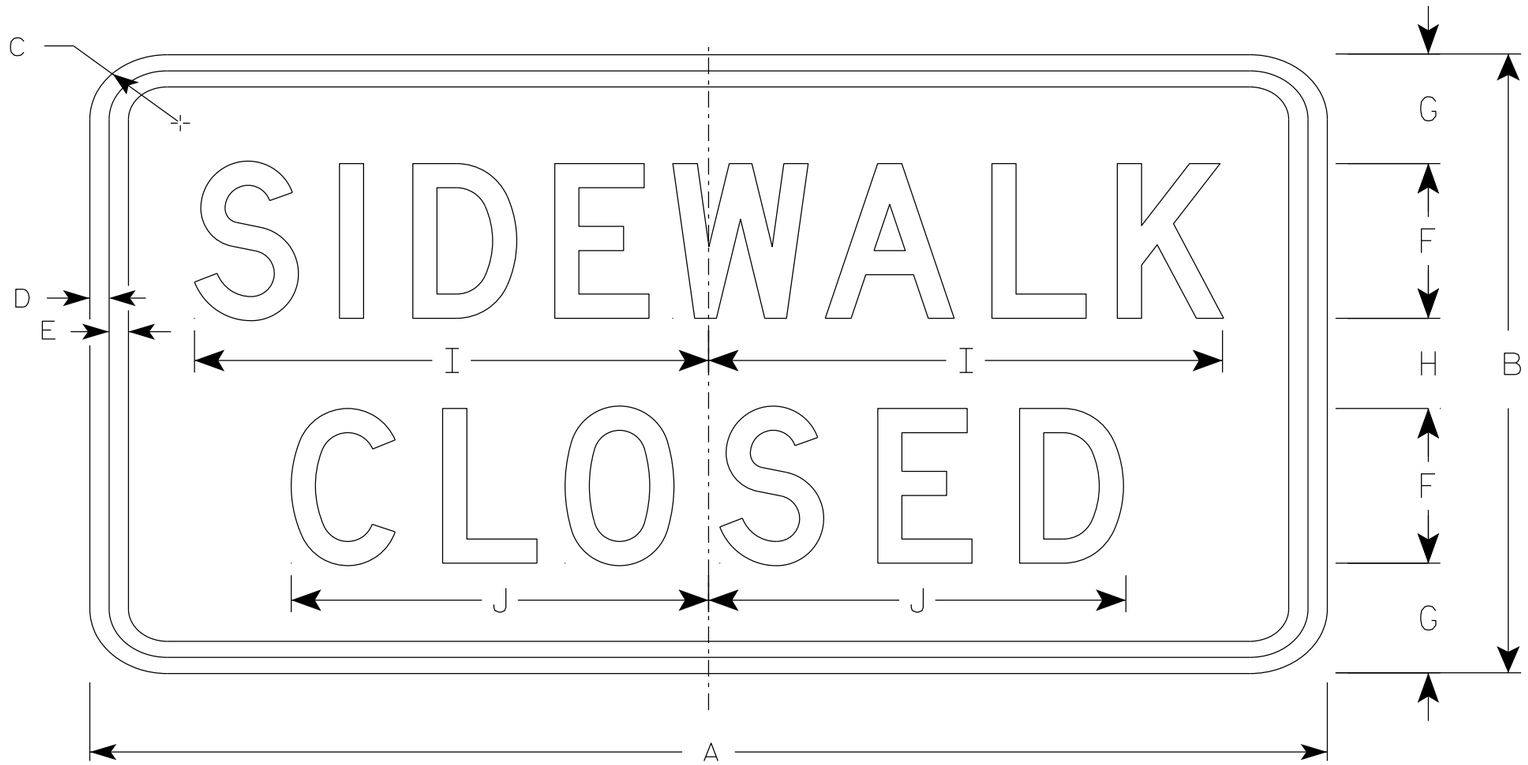
STANDARD SIGN
R8-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/24 PLATE NO. R8-8.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 401 | E



R9-9

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
2M	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
3	30	18	1 ½	½	½	4	3 ½	3	12 ½	10 ¼																	3.75
4																											
5																											

STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

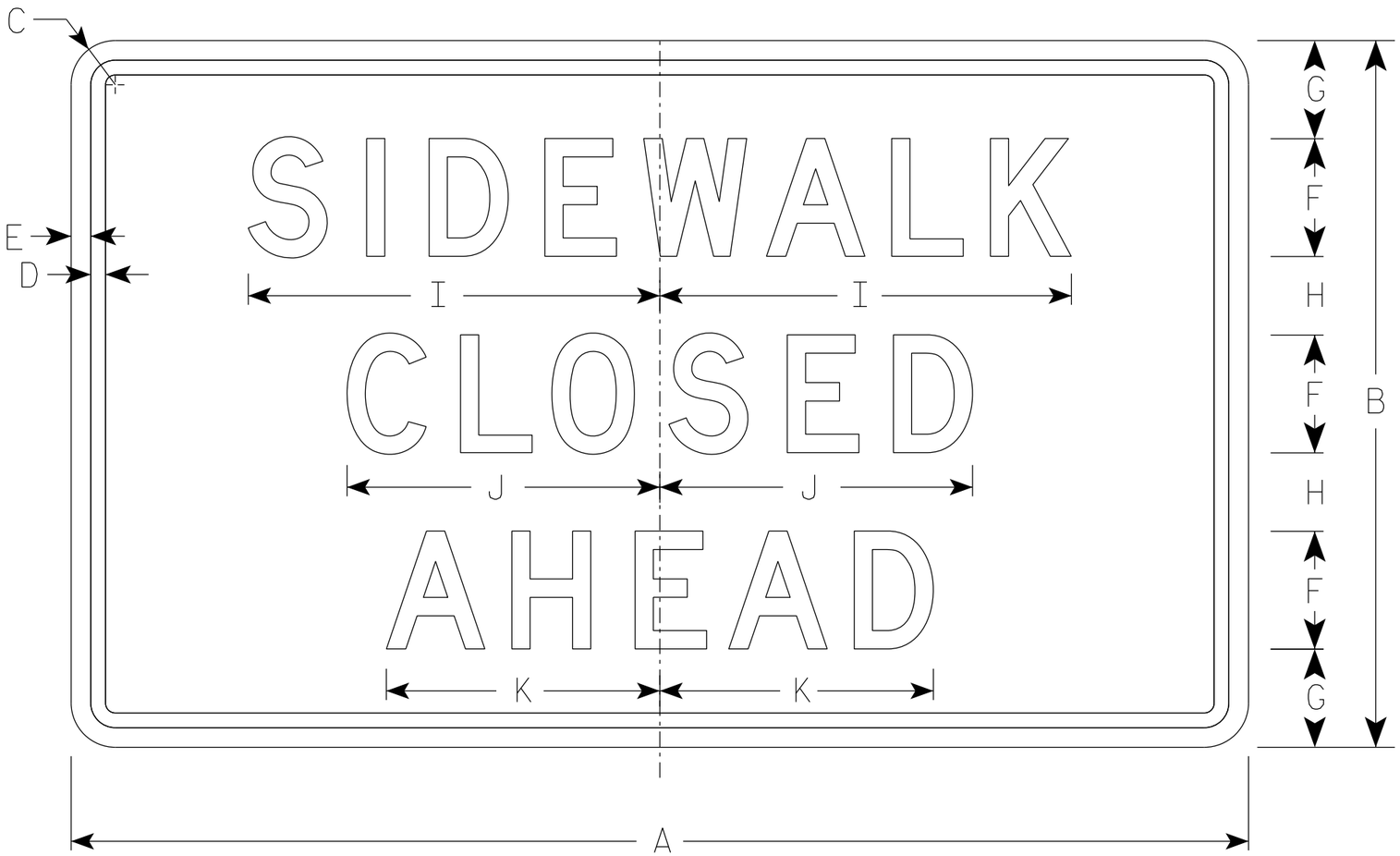
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 402 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R9-9A

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
2M	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
3																											
4																											
5																											

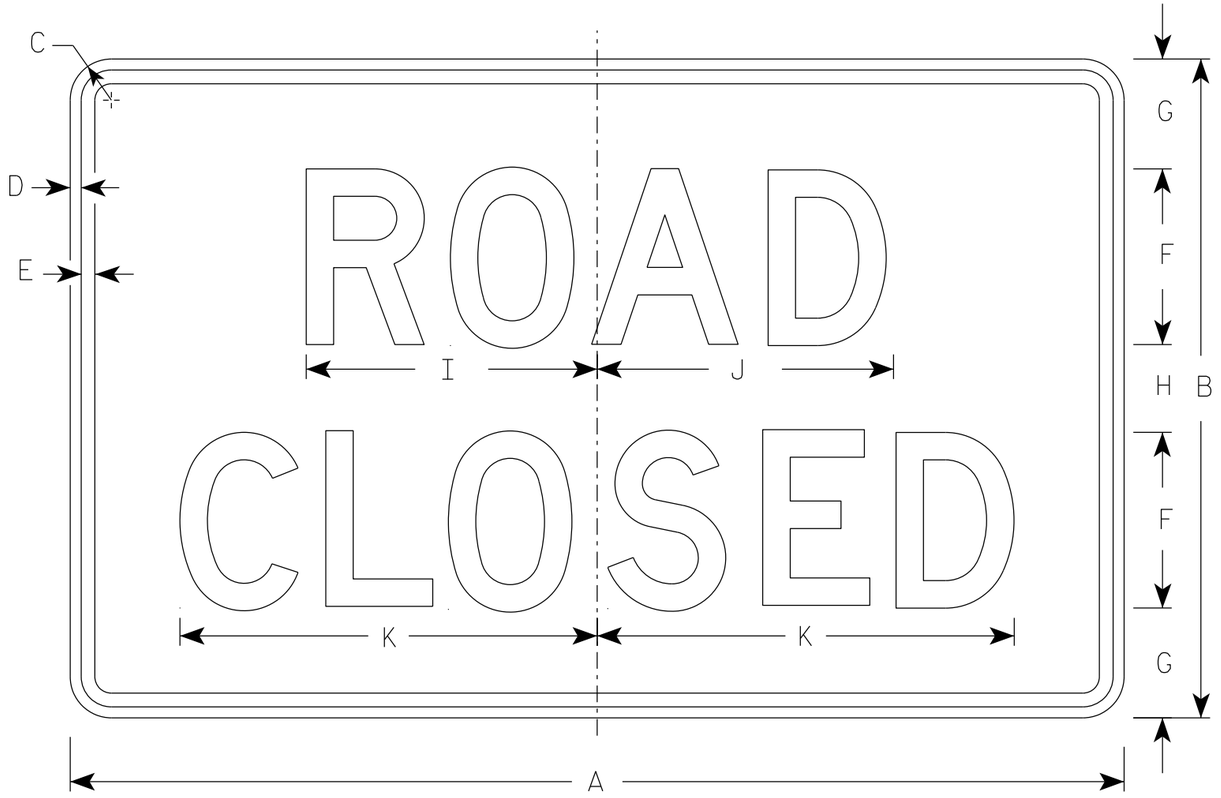
STANDARD SIGN
R9-9A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9A.2

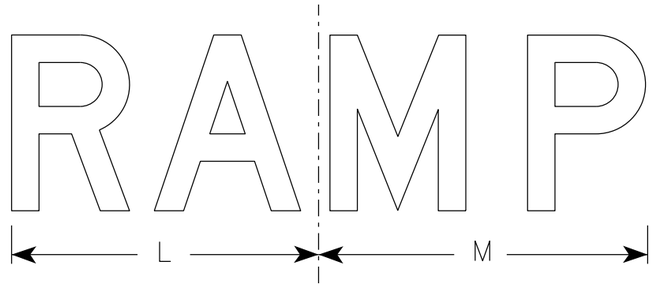
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 403 | E



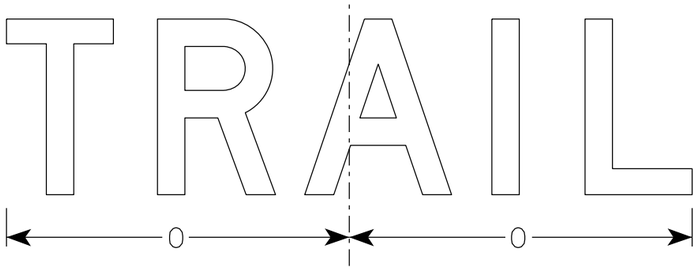
R11-2

NOTES

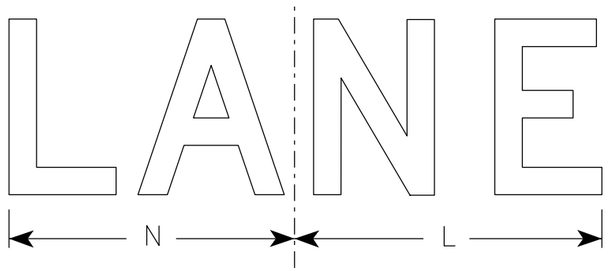
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2T



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
2M	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
3	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
4	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
5	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0

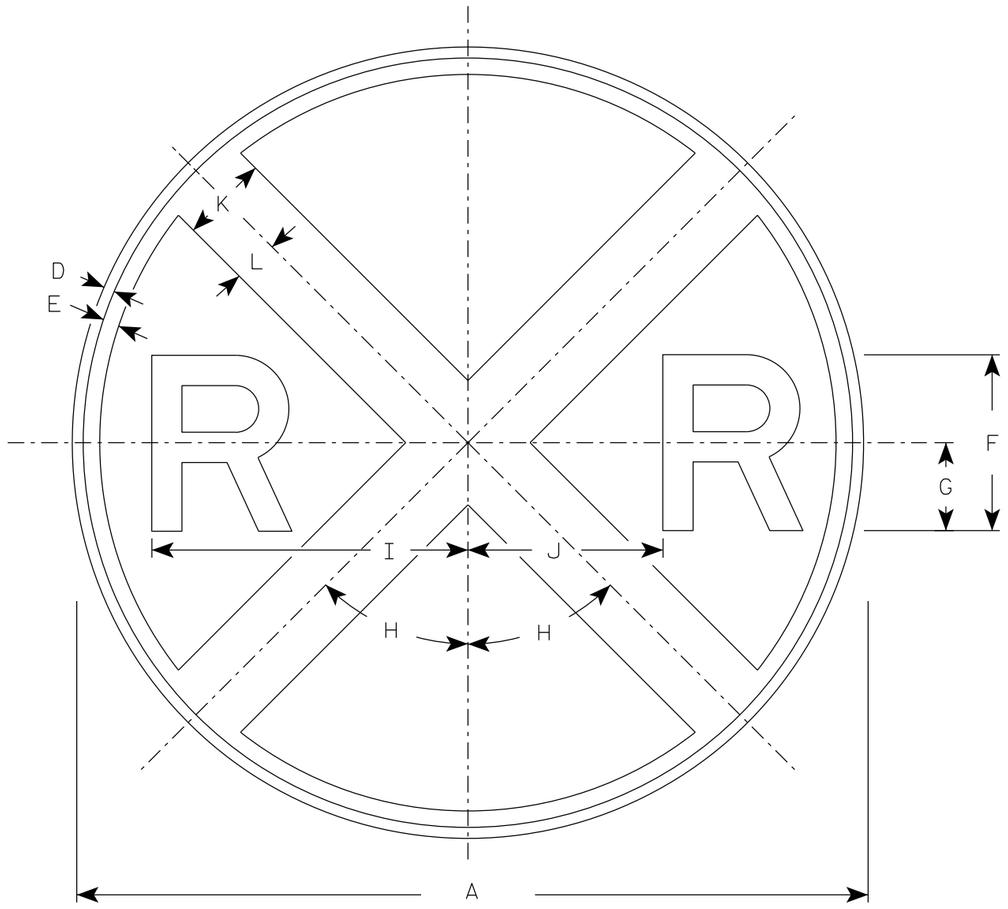
STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-2.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 404	E



W10-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30			3/8	5/8	7	3 1/2	45°	12 3/8	7 1/8	3	1 1/2															4.91
2S	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
2M	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
3	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
4	48			3/4	1 1/4	10	5	45°	18 3/8	11 5/8	5	2 1/2															12.57
5																											

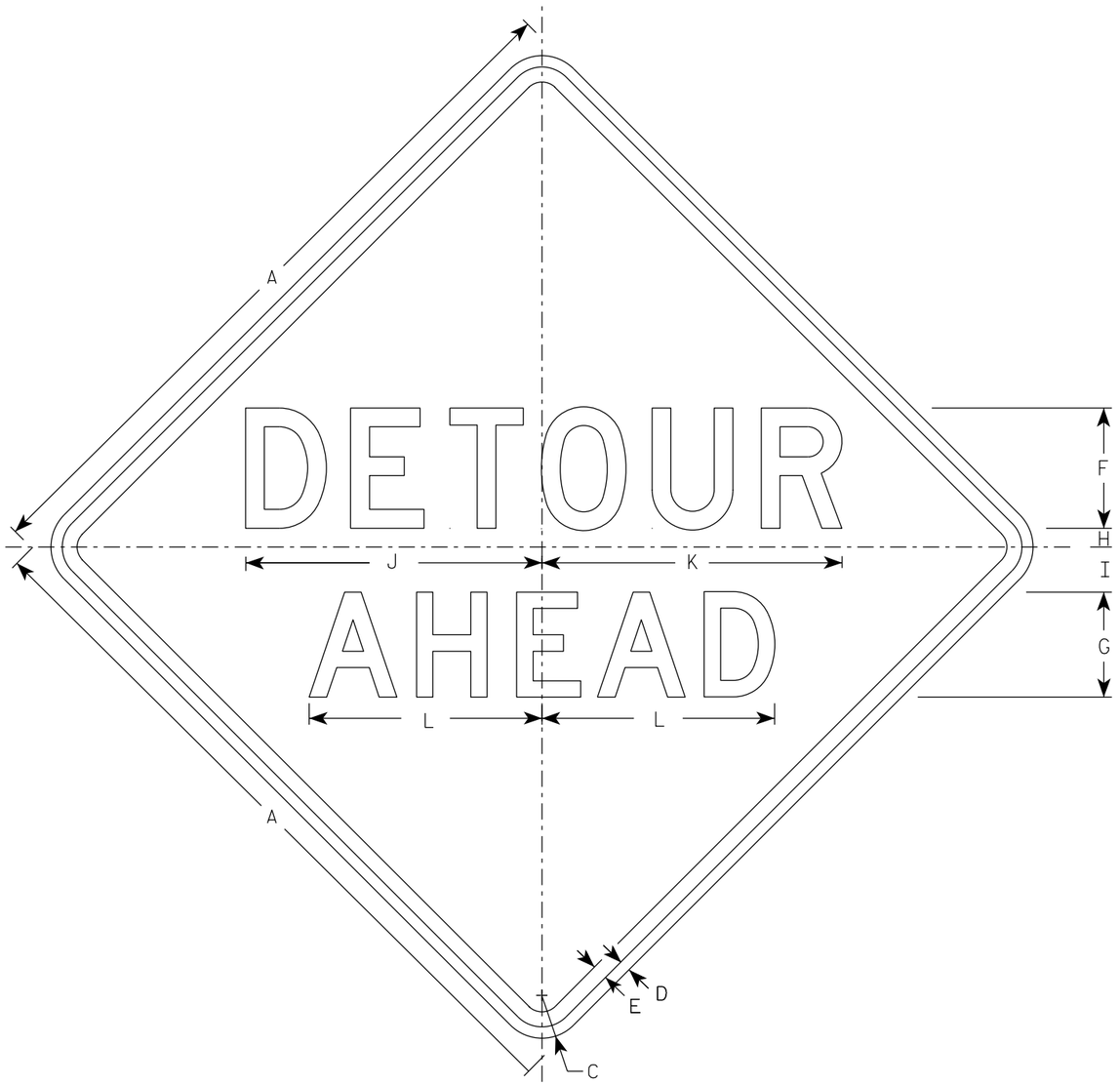
STANDARD SIGN
W10-1

WISCONSIN DEPT OF TRANSPORTATION

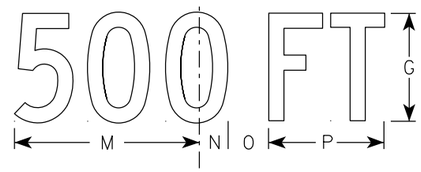
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/27/24 PLATE NO. W10-1.9

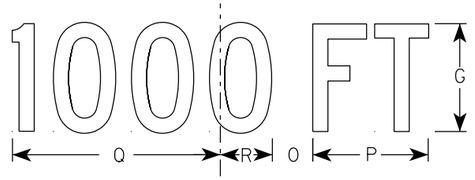
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 405 E



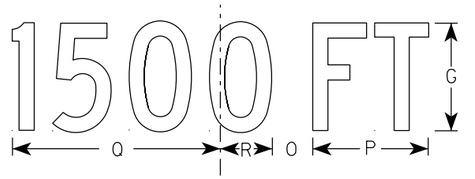
W20-2A



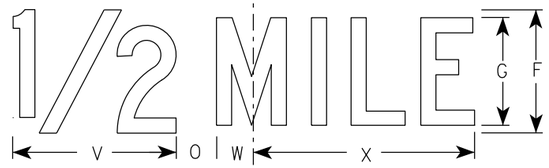
W20-2D



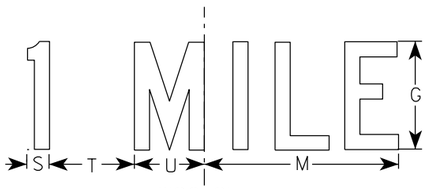
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

STANDARD SIGN
W20-2A,B,C,D,F & G

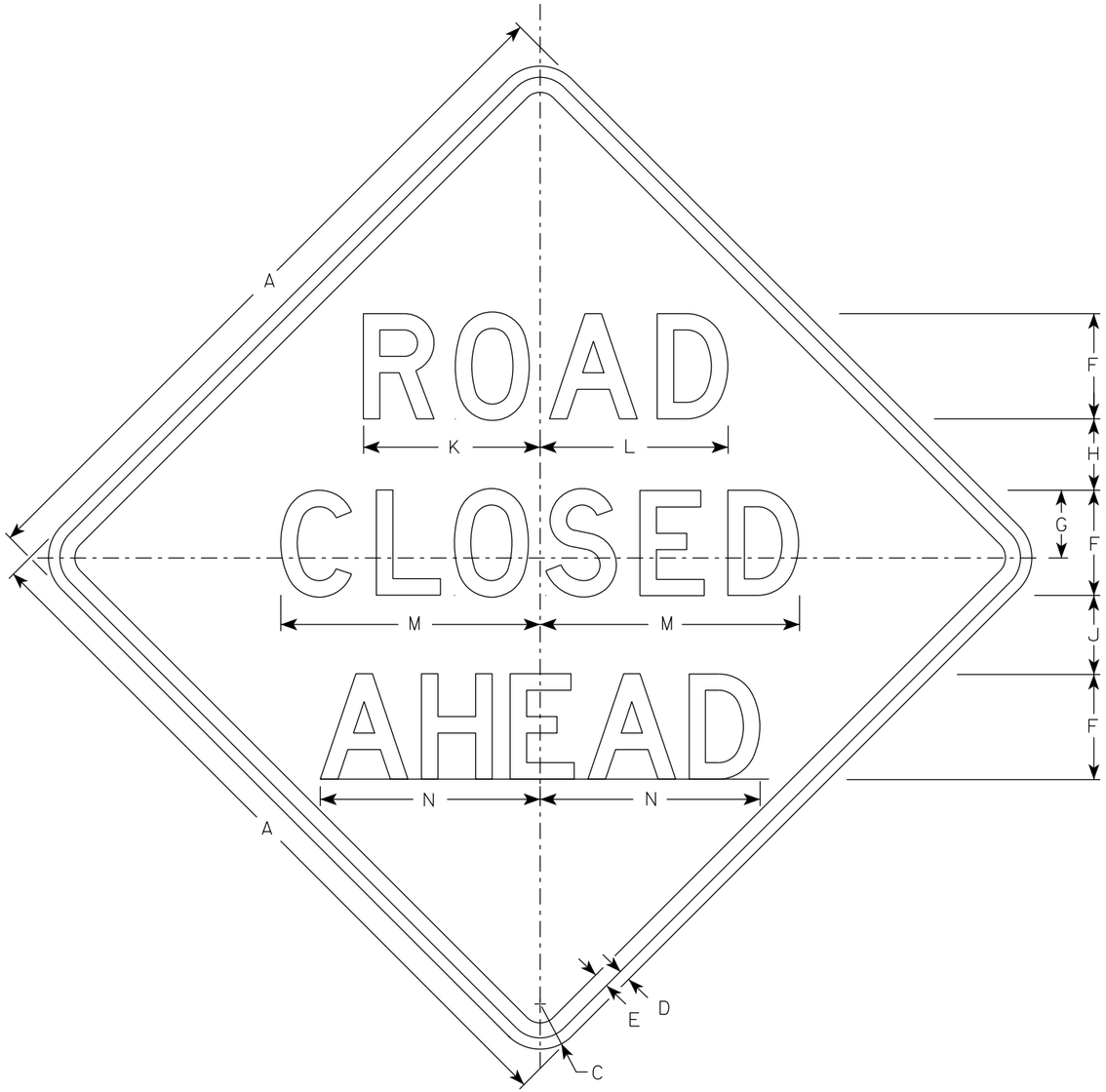
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

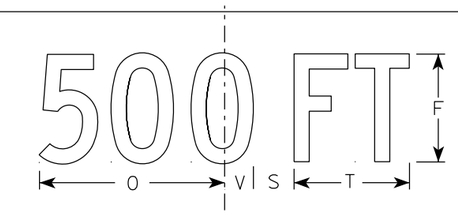
DATE 1/10/2024 PLATE NO. W20-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: E

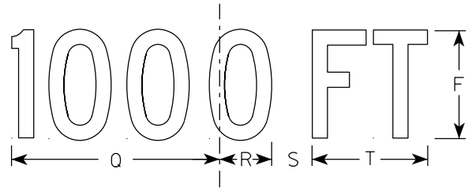
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN PLOT DATE : 10-JAN 2024 11:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



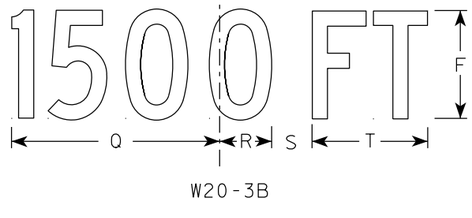
W20-3A



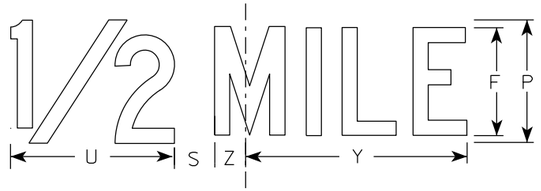
W20-3D



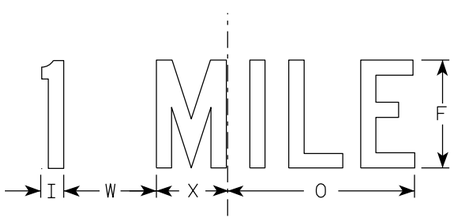
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

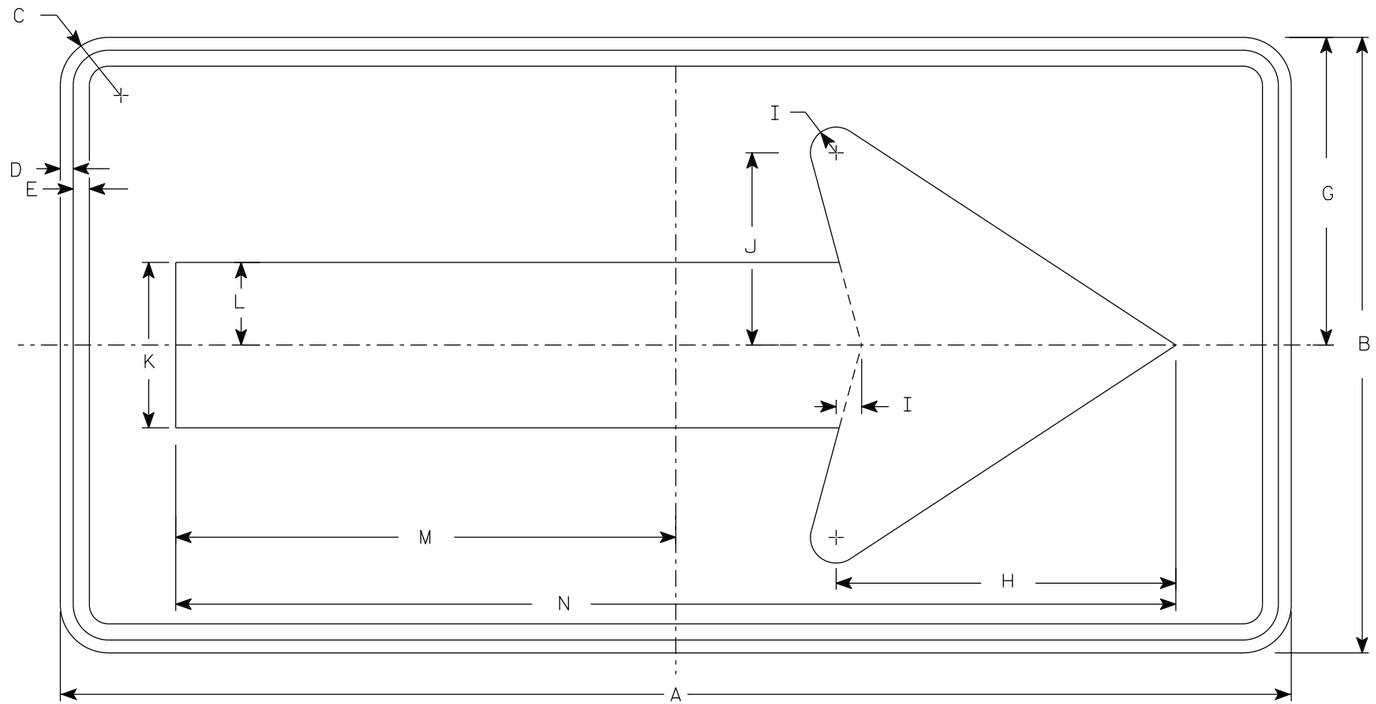
STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 407 E



WO1-6

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

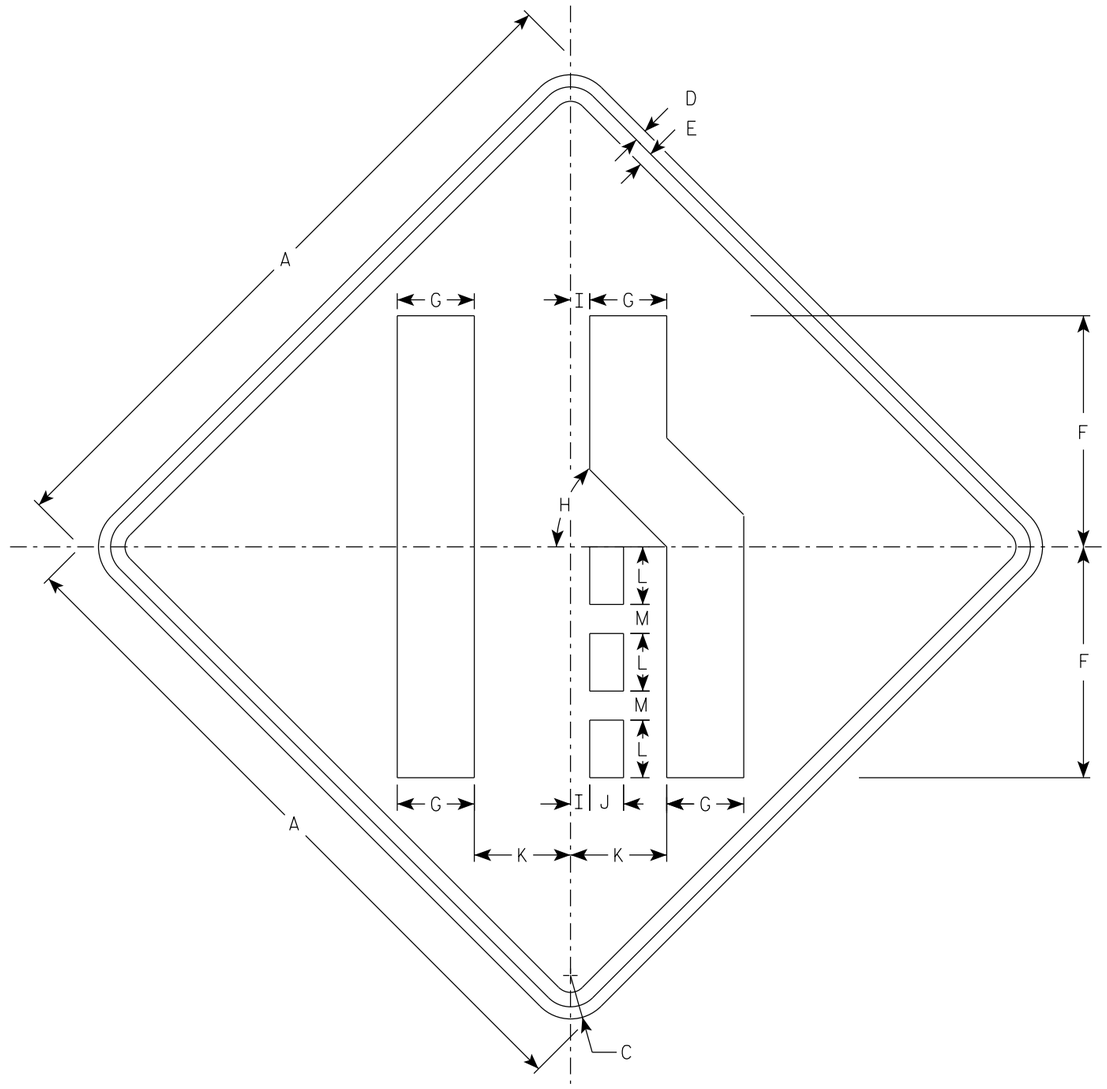
STANDARD SIGN
WO1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. WO1-6.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W04-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-2L is the same as W04-2R except the symbol is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2S	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
2M	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
3	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
4	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W04-2

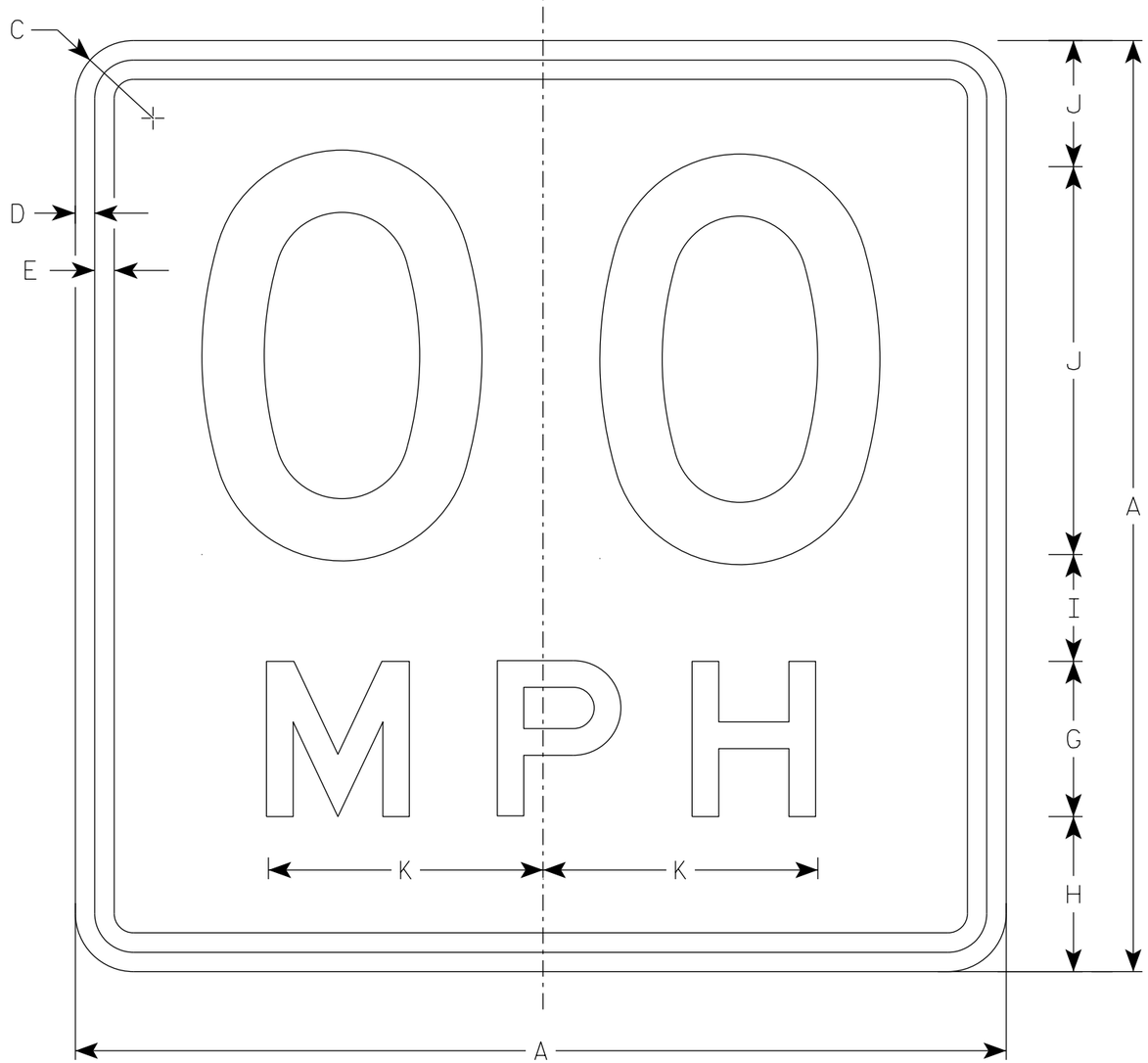
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/25/2024 PLATE NO. W04-2.2

PROJECT NO:

SHEET NO: 409 E



W013-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
   Line 2 is Series E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	10	4	4	2 3/4	3 1/4	7 1/8																4.0
2S	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.0
2M	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.0
3	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.0
4	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.0
5	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.0

STANDARD SIGN

W013-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

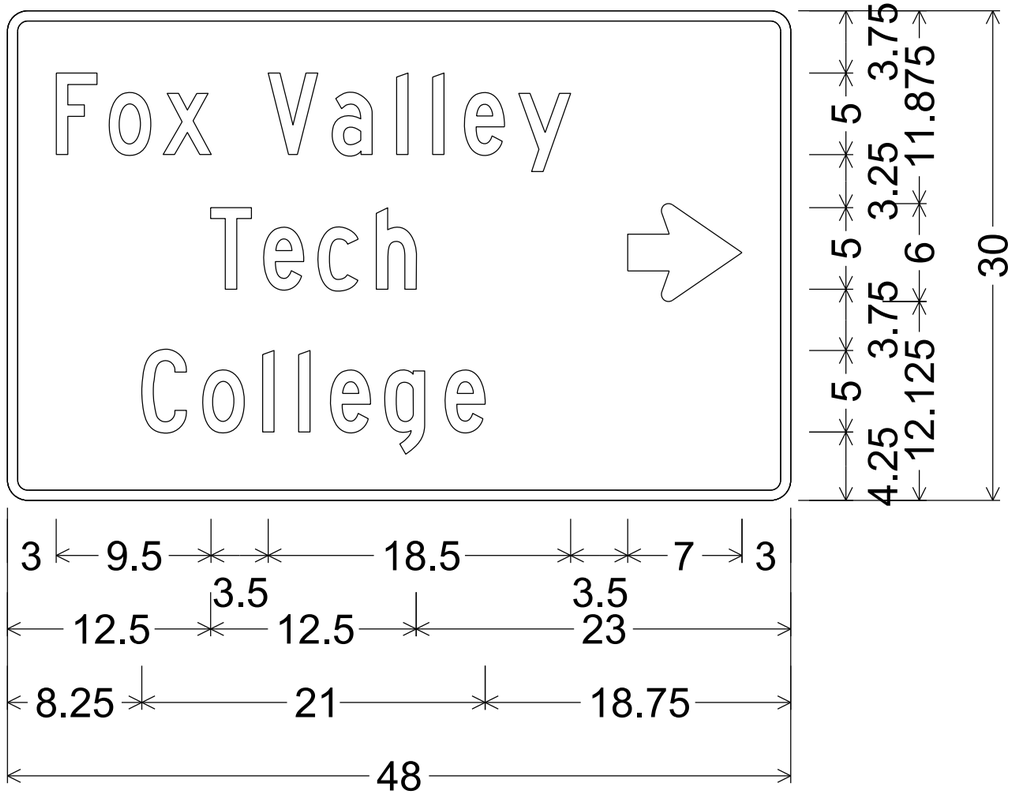
DATE 2/1/2024 PLATE NO. W013-1.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W0131.dgn PLOT DATE : 1-FEB 2024 9:56 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

NOTES

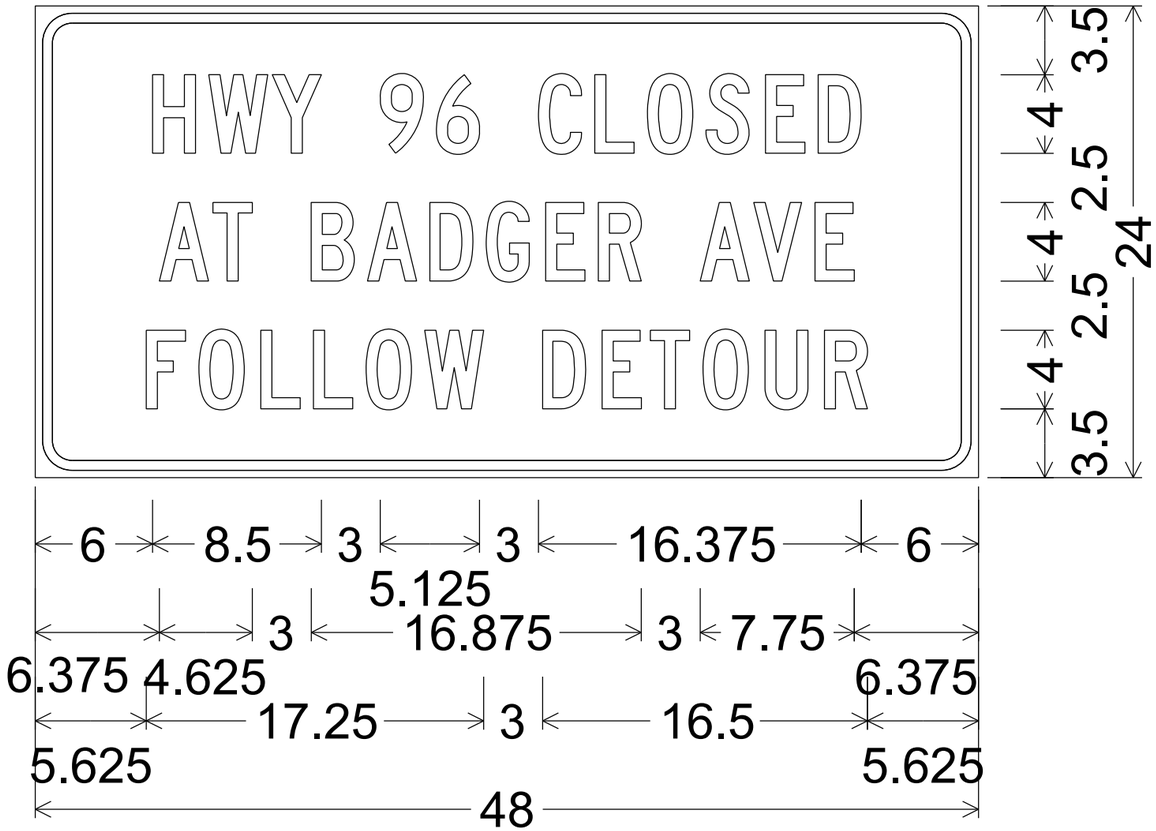
1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - C



D1-3; 1.250" Radius, 0.625" Border

NOTES

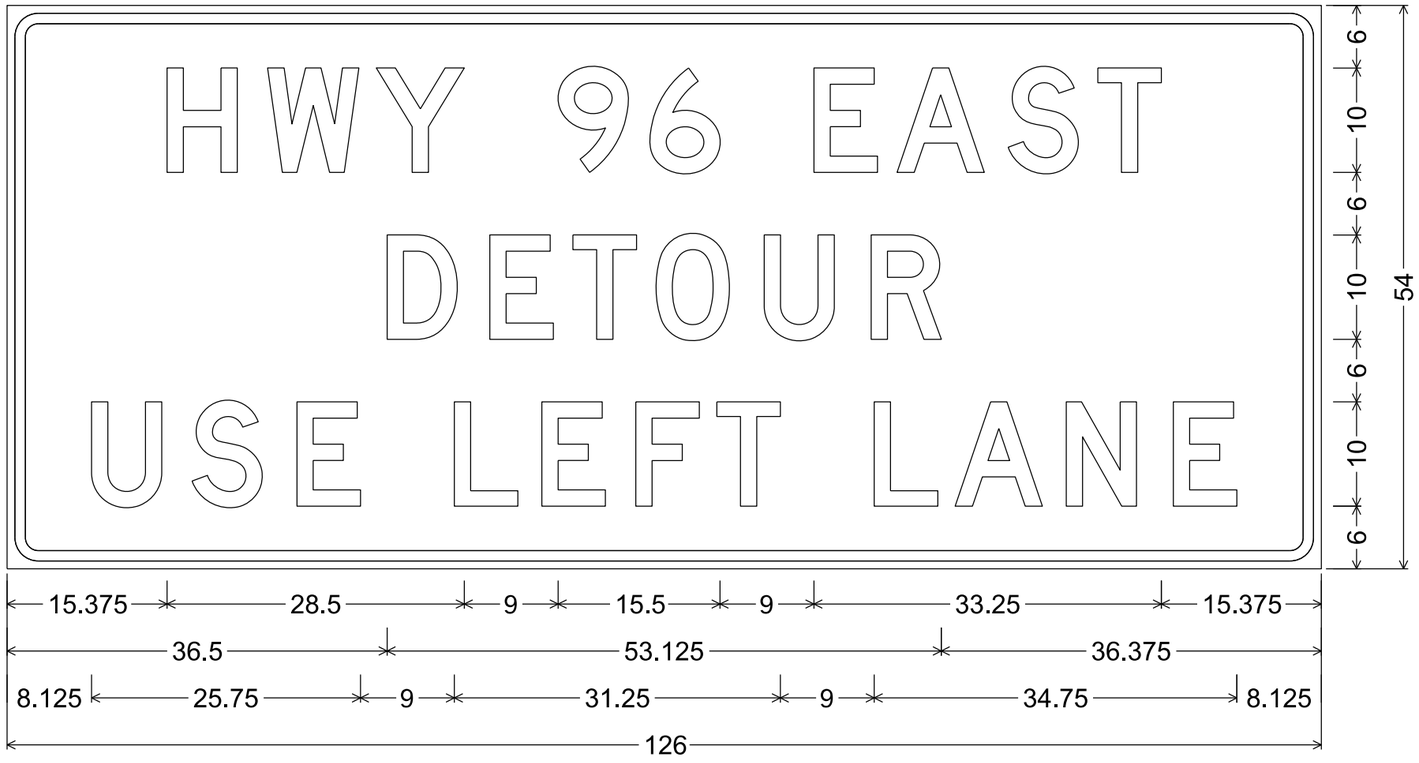
1. Fixed Message sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C



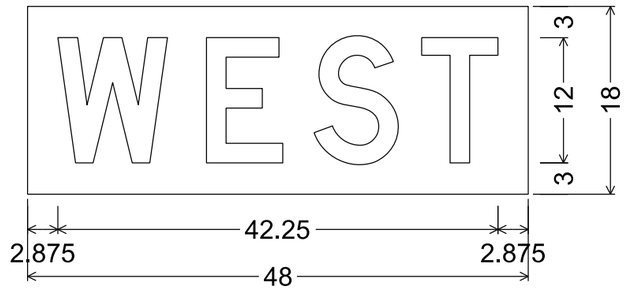
1.875" Radius, 0.500" Border, 0.375" Indent

NOTES

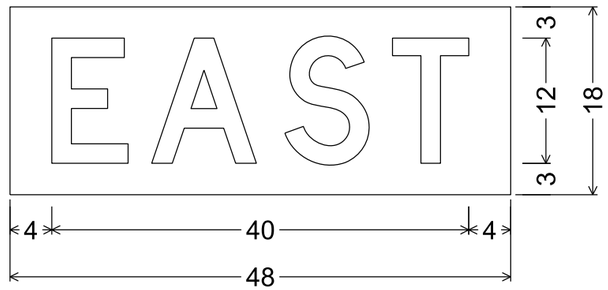
1. Fixed Message Signs Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D



3.000" Radius, 1.000" Border, 0.750" Indent

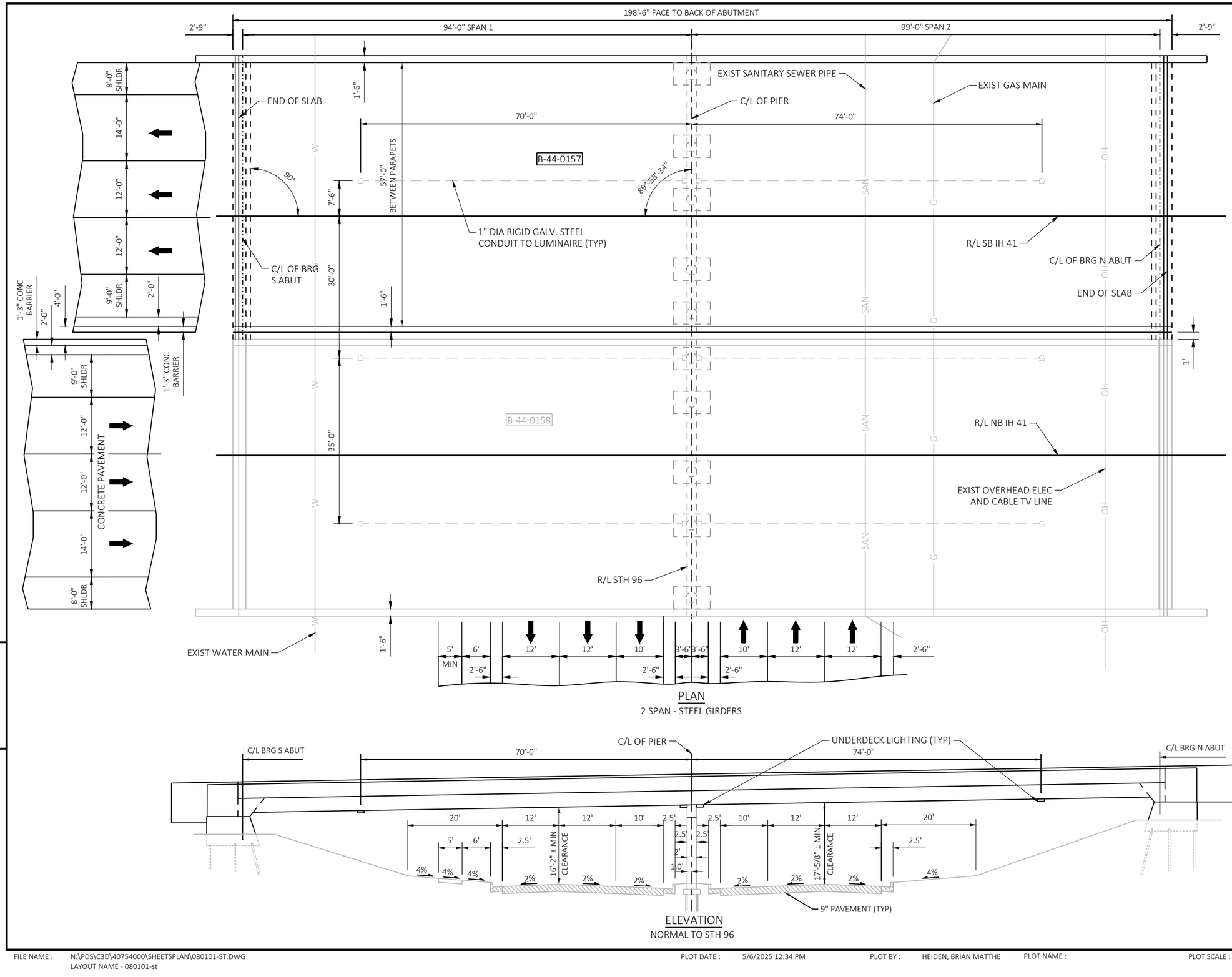


No border, Black on Fluorescent orange



No border, Black on Fluorescent orange

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, 7-22-2013
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

NO.	DATE	REVISION	BY

Plans Prepared By WISDOT
NORTHEAST REGION PROJECT DEVELOPMENT SECTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED EMK 05/07/25
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-44-157

IH 41 SB OVER STH 96

COUNTY	TOWN
OUTGAMIE	GRAND CHUTE

DESIGN SPEC.
SPEC REHABILITATION N/A

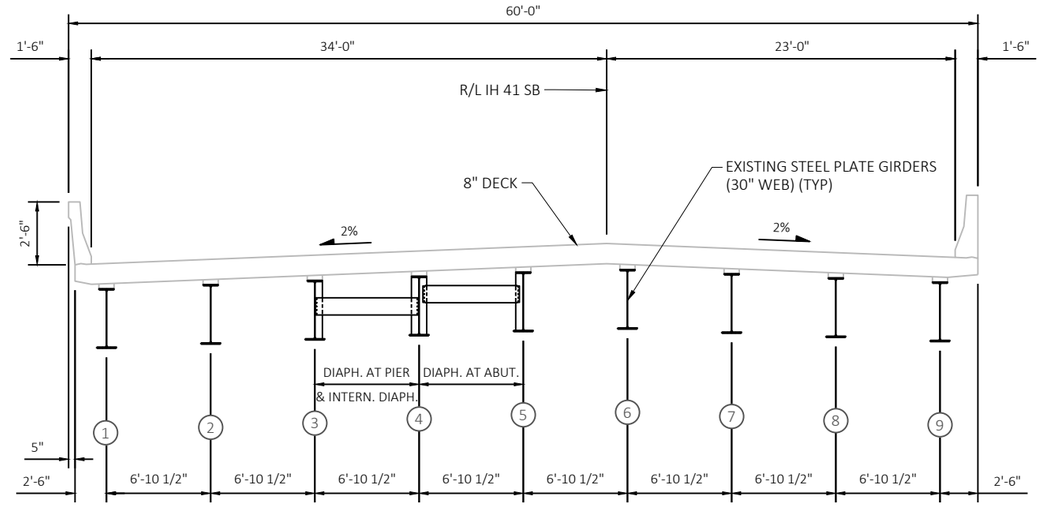
DESIGNED BY	DESIGN CK'D	DRAWN BY	PLANS CK'D
BAH	JJH	MRC	JJH

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

414

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 COLLECTION 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 AMS STANDARD COLOR NO. 20059 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

STRUCTURE B-44-157

DRAWN BY MRC | PLANS CK'D JJH

CROSS SECTION, QUANTITIES & NOTES

SHEET 2 OF 3

415

WISDOT/CADDS SHEET

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\080101-ST.DWG
LAYOUT NAME - 080102-st

PLOT DATE : 5/6/2025 12:34 PM

PLOT BY : HEIDEN, BRIAN MATTHE

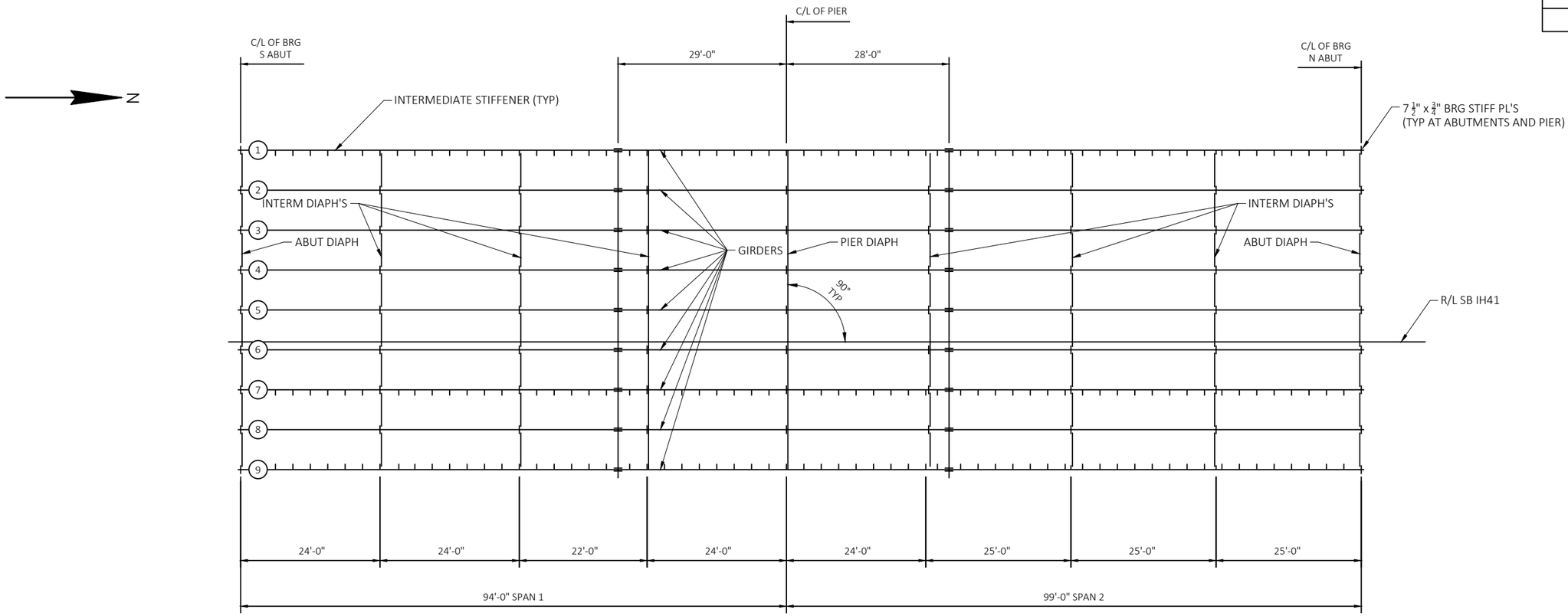
PLOT NAME :

PLOT SCALE : 1 IN:10 FT

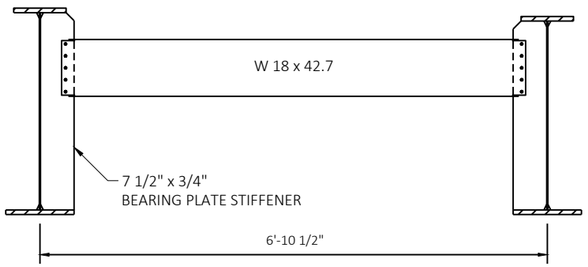
8

8

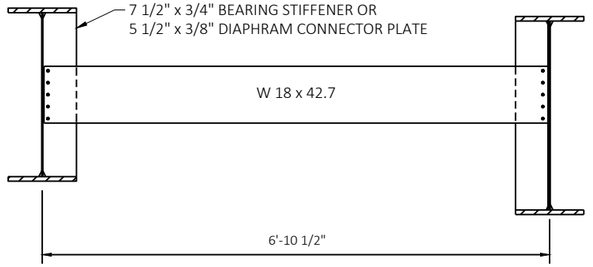
STATE PROJECT NUMBER
4075-40-71



FRAMING PLAN



ABUTMENT DIAPHRAGM



INTERMEDIATE DIAPHRAGM AND PIER DIAPHRAGM

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-44-157

DRAWN BY MRC | PLANS CK'D JJH

FRAMING PLAN AND DIAPHRAGM DETAILS

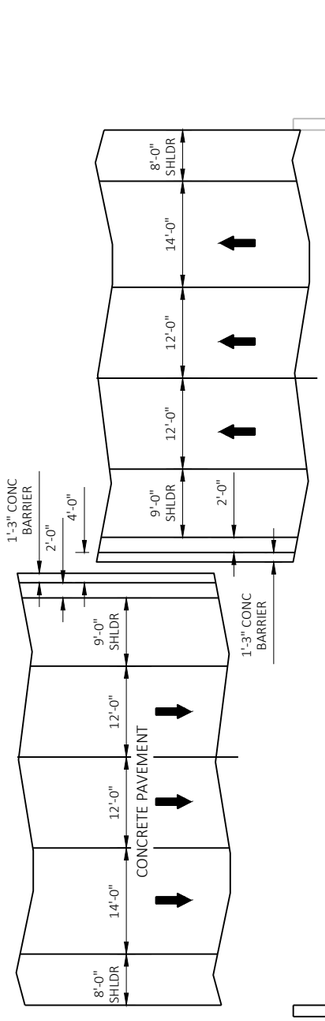
SHEET 3 OF 3

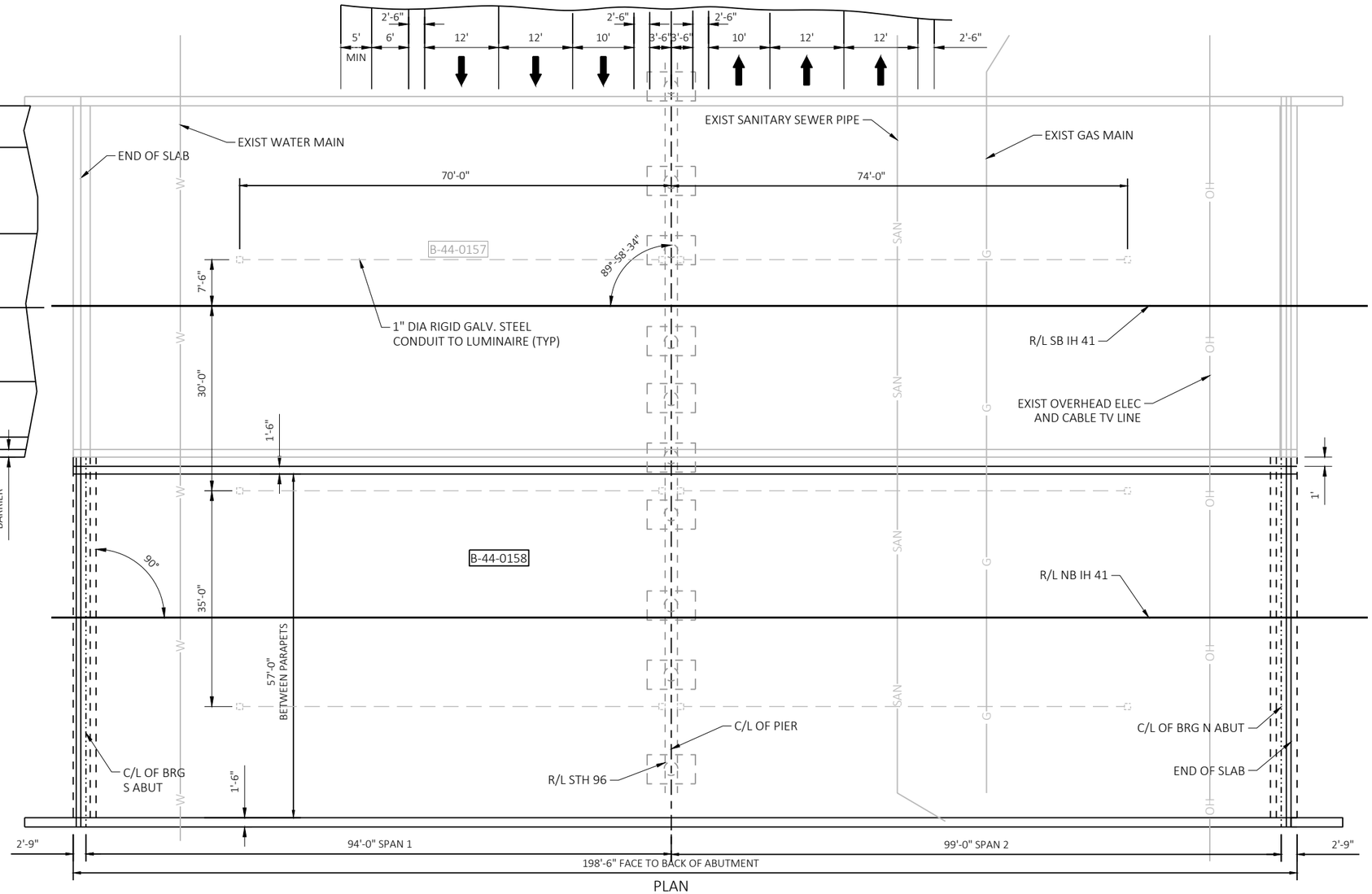
WISDOT/CADDS SHEET

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\080101-ST.DWG
LAYOUT NAME - 080103-st

PLOT DATE : 5/6/2025 12:34 PM PLOT BY : HEIDEN, BRIAN MATTHE PLOT NAME : PLOT SCALE : 1 IN:20 FT

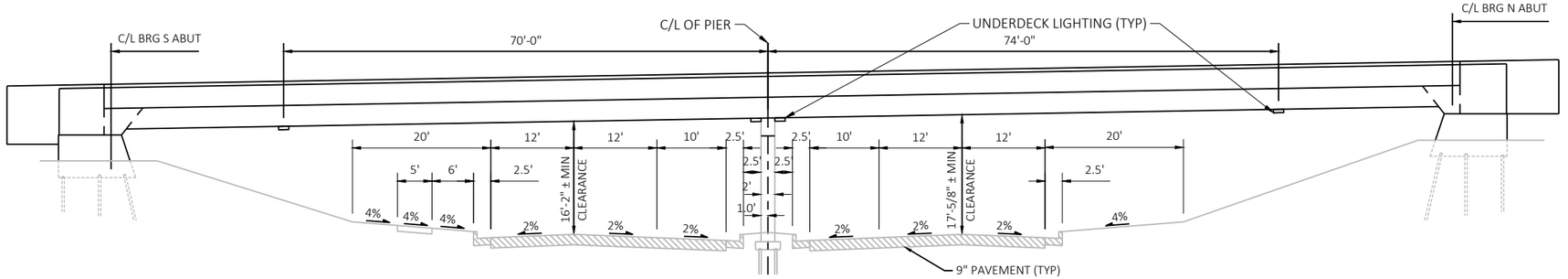
STATE PROJECT NUMBER
4075-40-71





PLAN

2 SPAN - STEEL GIRDERS



ELEVATION

NORMAL TO STH 96

DESIGN DATA

LIVE LOAD:

DESIGN LOADING.....HS -20
INVENTORY RATING.....HS -32, 7-22-2013
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

NO.	DATE	REVISION	BY

Plans Prepared By WISDOT
NORTHEAST REGION PROJECT DEVELOPMENT SECTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED EJKK 05/07/25
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-44-158

IH 41 NB OVER STH 96

COUNTY	TOWN
OUTGAMIE	GRAND CHUTE

DESIGN SPEC.
SPEC REHABILITATION N/A

DESIGNED BY	DESIGN CK'D	DRAWN BY	PLANS CK'D
BAH	JJH	MRC	JJH

GENERAL PLAN AND ELEVATION

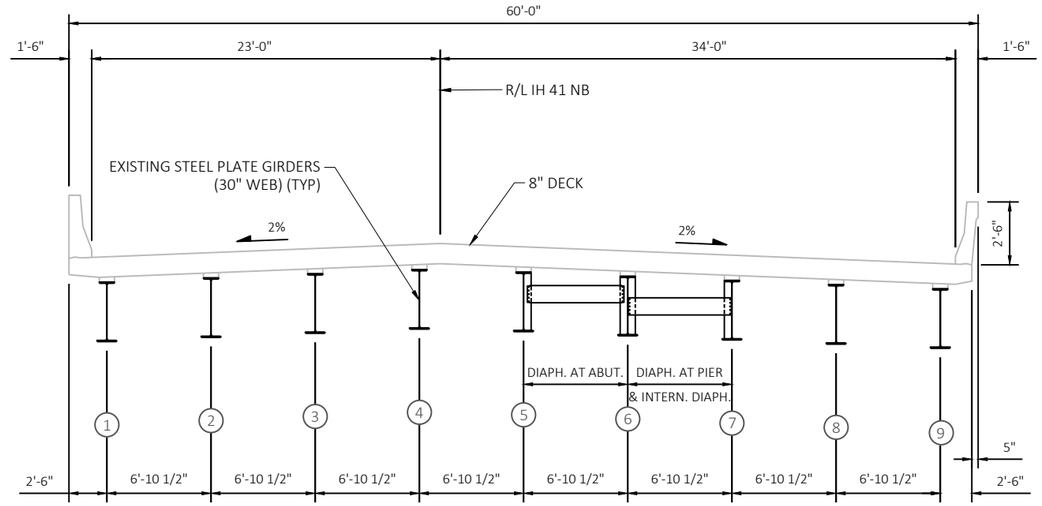
SHEET 1 OF 3

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\080101-ST.DWG
LAYOUT NAME - 080104-st

PLOT DATE : 5/6/2025 12:34 PM PLOT BY : HEIDEN, BRIAN MATTHE 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 COLLECTION 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 AMS STANDARD COLOR NO. 20059 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

STRUCTURE B-44-158

DRAWN BY MRC | PLANS CK'D JJH

CROSS SECTION, QUANTITIES & NOTES

SHEET 2 OF 3

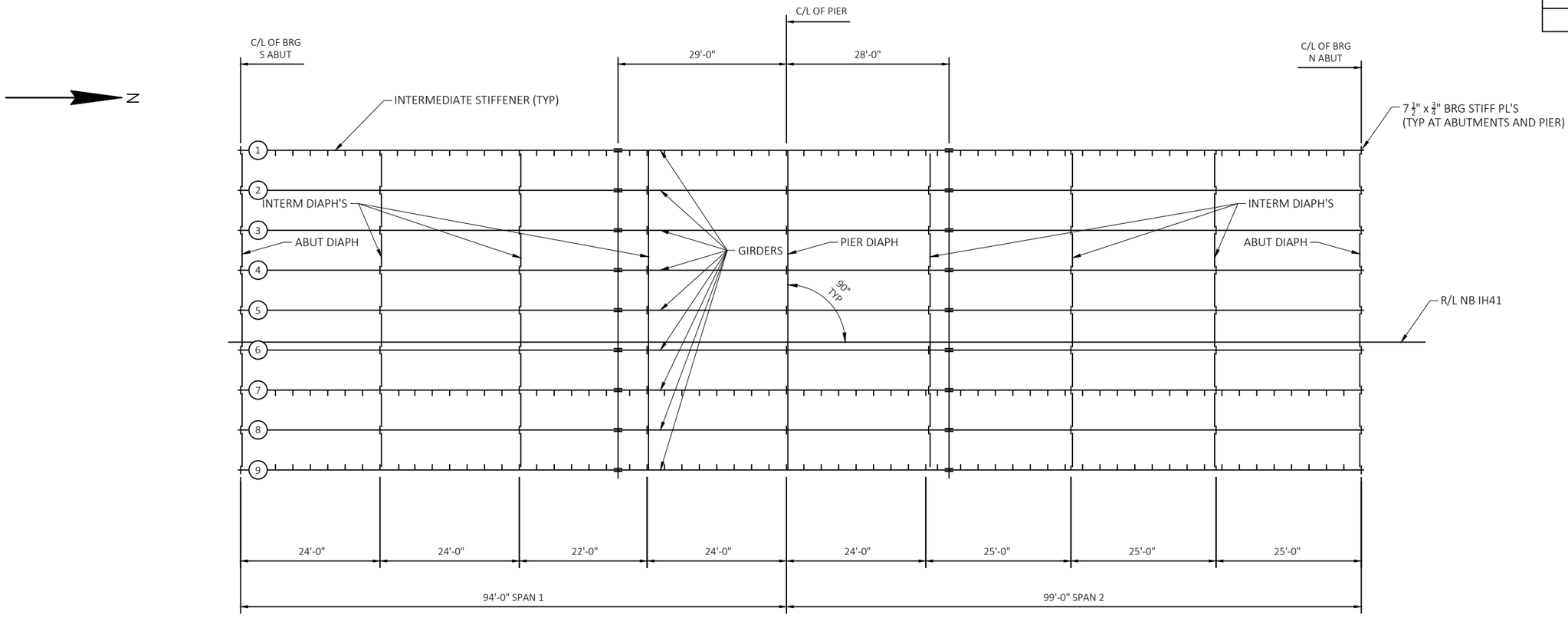
418

WISDOT/CADDS SHEET

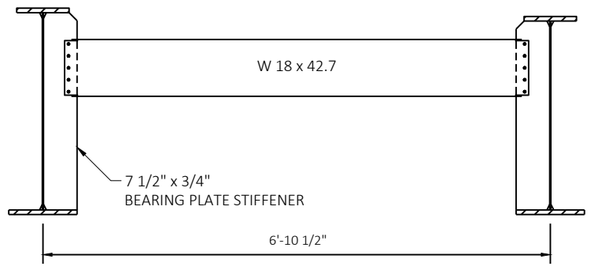
8

8

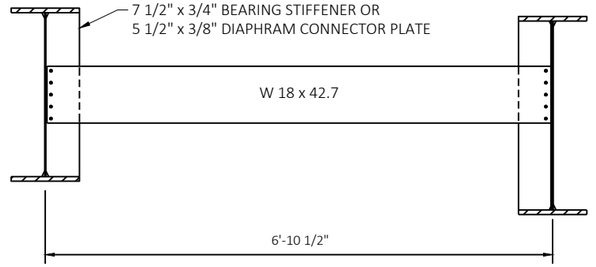
STATE PROJECT NUMBER
4075-40-71



FRAMING PLAN



ABUTMENT DIAPHRAGM



INTERMEDIATE DIAPHRAGM AND PIER DIAPHRAGM

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-44-158

DRAWN BY MRC | PLANS CK'D JJH

FRAMING PLAN AND DIAPHRAGM DETAILS

SHEET 3 OF 3

WISDOT/CADDS SHEET

FILE NAME : N:\PDS\C3D\40754000\SHEETSPLAN\080101-ST.DWG
LAYOUT NAME - 080106-st

PLOT DATE : 5/6/2025 12:34 PM PLOT BY : HEIDEN, BRIAN MATTHE PLOT NAME : PLOT SCALE : 1 IN:20 FT

EARTHWORK -- STH 96 -- STA 101+81 - 111+11

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT MATERIAL NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
101+81	9.24	0.00	0.12	0	0	0	0	0	0
102+00	5.05	0.00	3.08	0	0	0	0	0	0
102+25	3.03	0.00	6.90	4	0	5	4	6	-2
102+50	1.65	0.00	10.62	2	0	8	6	16	-10
102+75	2.94	0.00	4.01	2	0	7	8	25	-17
103+00	3.48	0.00	0.05	3	0	2	11	28	-17
103+25	3.47	0.00	2.78	3	0	1	14	29	-15
103+50	3.37	0.00	3.15	3	0	3	17	33	-16
103+75	2.95	0.00	3.47	3	0	3	20	36	-16
104+00	2.75	0.00	5.38	3	0	4	23	41	-18
104+25	2.58	0.00	6.53	2	0	6	25	49	-24
104+50	2.23	0.00	8.70	2	0	7	27	58	-31
104+75	1.72	0.00	13.43	2	0	10	29	70	-41
105+00	1.82	0.00	15.04	2	0	13	31	86	-55
105+25	1.90	0.00	19.35	2	0	16	33	106	-73
105+50	1.86	0.00	18.11	2	0	17	35	128	-93
105+75	1.60	0.00	18.22	2	0	17	37	149	-112
106+00	2.49	0.00	20.25	2	0	18	39	171	-132
106+25	1.03	0.00	22.87	2	0	20	41	196	-155
106+50	1.18	0.00	23.86	1	0	22	42	224	-182
106+75	1.31	0.00	21.92	1	0	21	43	250	-207
107+00	1.18	0.00	20.16	1	0	19	44	274	-230
107+25	1.96	0.00	21.66	1	0	19	45	298	-253
107+50	1.87	0.00	47.08	2	0	32	47	338	-291
107+75	1.91	0.00	76.55	2	0	57	49	409	-360
108+00	2.04	0.00	1.45	2	0	36	51	454	-403
108+25	1.54	0.00	30.14	2	0	15	53	473	-420
108+50	1.07	0.00	32.62	1	0	29	54	509	-455
108+75	1.33	0.00	33.20	1	0	30	55	546	-491
109+00	0.13	0.00	37.25	1	0	33	56	588	-532
109+25	0.23	0.00	33.22	0	0	33	56	629	-573
109+50	1.24	0.00	16.34	1	0	23	57	658	-601
109+75	1.94	0.00	12.26	1	0	13	58	674	-616
110+00	2.38	0.00	12.01	2	0	11	60	688	-628
110+25	2.21	0.00	9.82	2	0	10	62	700	-638
110+50	2.75	0.00	9.52	2	0	9	64	711	-647
110+75	3.83	0.00	7.36	3	0	8	67	721	-654
111+00	5.75	0.00	4.51	4	0	5	71	728	-657
111+11	1.49	0.00	6.25	1	0	2	72	730	-658

EARTHWORK -- STH 96 -- STA 120+75 - 125+14

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
120+75	3.75	0.00	2.52	0	0	0	0	0	0
121+00	2.89	0.00	3.20	3	0	3	3	4	-1
121+25	3.75	0.00	2.52	3	0	3	6	8	-2
121+50	4.20	0.00	3.53	4	0	3	10	11	-1
121+65	3.46	0.00	5.81	2	0	3	12	15	-3
121+75	3.12	0.00	6.74	1	0	2	13	18	-5
122+00	3.19	0.00	5.80	3	0	6	16	25	-9
122+25	2.81	0.00	5.28	3	0	5	19	31	-12
122+50	3.18	0.00	3.75	3	0	4	22	36	-14
122+75	2.87	0.00	2.53	3	0	3	25	40	-15
123+00	3.25	0.00	9.71	3	0	6	28	48	-20

EARTHWORK -- STH 96 -- STA 126+15 - 129+09

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
126+50	3.81	0.00	2.52	3	0	3	4	5	-1
126+75	2.17	0.00	3.88	3	0	3	7	9	-2
126+82.73	2.73	0.00	3.09	1	0	1	8	10	-2
127+00	5.35	0.00	0.29	3	0	1	11	11	0
127+25	4.87	0.00	0.74	5	0	0	16	11	5
127+50	4.48	0.00	1.28	4	0	1	20	13	8
127+75	4.37	0.00	2.11	4	0	2	24	15	9
128+03.525	4.60	0.00	2.34	5	0	2	29	18	12
128+25	12.02	0.00	2.53	7	0	2	36	20	16
128+50	6.00	0.00	3.13	8	0	3	44	24	20

EARTHWORK -- STH 96 -- STA 129+75 - 134+91

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
131+25	3.16	0.00	2.39	3	0	2	18	24	-6
131+50	2.94	0.00	2.37	3	0	2	21	26	-5
131+75	4.39	0.00	1.22	3	0	2	24	29	-5
132+00	6.72	0.00	0.86	5	0	1	29	30	-1
132+25	7.93	0.00	0.89	7	0	1	36	31	5
132+50	9.47	0.00	0.86	8	0	1	44	33	12
132+75	11.11	0.00	0.86	10	0	1	54	34	20
133+00	10.47	0.00	0.82	10	0	1	64	35	29
133+25	7.02	0.00	1.03	8	0	1	72	36	36
133+50	6.14	0.00	1.39	6	0	1	78	38	41
133+75	9.11	0.00	1.23	7	0	1	85	39	46
134+00	9.26	0.00	0.85	9	0	1	94	40	54
134+25	7.25	0.00	0.77	8	0	1	102	41	61
134+50	4.00	0.00	1.37	5	0	1	107	43	65
134+75	3.03	0.00	5.84	3	0	3	110	46	64
134+91	3.03	0.00	1.29	2	0	2	112	49	63

EARTHWORK -- STH 96 -- STA 154+45 - 156+86

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
154+45	32.16	0.00	0.53	0	0	0	0	0	0
154+50	25.64	0.00	2.09	0	0	0	0	0	0
154+75	26.42	0.00	0.78	24	0	1	24	1	23
155+00	26.61	0.00	0.54	25	0	1	49	3	47
155+25	25.36	0.00	0.58	24	0	1	73	4	69
155+50	24.78	0.00	0.58	23	0	1	96	5	91
155+75	21.99	0.00	0.65	22	0	1	118	6	112
156+00	19.12	0.00	0.80	19	0	1	137	8	130
156+25	16.70	0.00	0.84	17	0	1	154	9	145
156+50	12.69	0.00	0.94	14	0	1	168	10	158
156+75	15.43	0.00	0.92	13	0	1	181	11	170
156+85	8.63	0.00	1.85	4	0	1	185	13	173

EARTHWORK -- STH 96 -- STA 157+60 - 172+15

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
157+60	6.12	0.00	3.14	0	0	0	0	0	0
157+75	8.17	0.00	3.01	4	0	2	4	3	2
158+00	5.73	0.00	3.44	6	0	3	10	6	4
158+25	4.55	0.00	3.69	5	0	3	15	10	5
158+50	5.34	0.00	3.96	5	0	4	20	15	5
158+75	26.14	0.00	3.30	15	0	3	35	19	16
159+00	6.06	0.00	2.50	15	0	3	50	23	28
159+25	5.76	0.00	1.92	5	0	2	55	25	30
159+50	6.90	0.00	1.14	6	0	1	61	26	35
159+75	7.94	0.00	0.36	7	0	1	68	28	41
160+00	8.73	0.00	0.00	8	0	0	76	28	49
160+25	6.52	0.00	0.00	7	0	0	83	28	56
160+50	9.88	0.00	0.00	8	0	0	91	28	64
160+75	12.12	0.00	0.00	10	0	0	101	28	74
161+00	3.77	0.00	0.14	7	0	0	108	28	81
161+25	5.06	0.00	0.00	4	0	0	112	28	85
161+50	3.04	0.00	0.76	4	0	0	116	28	89
161+75	13.49	0.00	0.00	8	0	0	124	28	97
162+00	5.13	0.00	0.00	9	0	0	133	28	106
162+25	8.23	0.00	0.00	6	0	0	139	28	112
162+50	8.13	0.00	0.00	8	0	0	147	28	120
162+75	7.39	0.00	0.00	7	0	0	154	28	127
163+00	6.58	0.00	0.00	6	0	0	160	28	133
163+25	5.35	0.00	0.00	6	0	0	166	28	139
163+50	18.88	0.00	0.02	11	0	0	177	28	150
163+75	5.43	0.00	0.03	11	0	0	188	28	161
164+00	5.24	0.00	0.05	5	0	0	193	28	166
164+25	4.49	0.00	0.07	5	0	0	198	28	171
164+50	4.42	0.00	0.09	4	0	0	202	28	175
164+75	4.43	0.00	0.09	4	0	0	206	28	179
165+00	4.45	0.00	0.07	4	0	0	210	28	183
165+25	1.84	0.00	2.14	3	0	1	213	29	184
165+50	2.11	0.00	1.02	2	0	1	215	30	185
165+75	2.92	0.00	0.60	2	0	1	217	31	186
166+00	2.93	0.00	0.79	3	0	1	220	33	188

EARTHWORK -- STH 96 -- STA 157+60 - 172+15 CONT.

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT MATERIAL NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
166+25	3.58	0.00	0.24	3	0	0	223	33	191
166+50	8.96	0.00	0.00	6	0	0	229	33	197
166+75	25.50	0.00	0.01	16	0	0	245	33	213
167+00	10.28	0.00	0.01	17	0	0	262	33	230
167+25	6.41	0.00	0.00	8	0	0	270	33	238
167+50	6.54	0.00	0.00	6	0	0	276	33	244
167+75	6.23	0.00	0.00	6	0	0	282	33	250
168+00	5.82	0.00	0.00	6	0	0	288	33	256
168+25	7.88	0.00	0.01	6	0	0	294	33	262
168+50	16.10	0.00	0.00	11	0	0	305	33	273
168+75	7.54	0.00	0.00	11	0	0	316	33	284
169+00	3.89	0.00	0.06	5	0	0	321	33	289
169+25	3.01	0.00	0.42	3	0	0	324	33	292
169+50	2.75	0.00	0.61	3	0	0	327	33	295
169+75	2.69	0.00	1.15	3	0	1	330	34	296
170+00	3.06	0.00	0.72	3	0	1	333	35	298
170+25	2.94	0.00	0.92	3	0	1	336	36	300
170+50	2.94	0.00	0.62	3	0	1	339	38	302
170+75	3.39	0.00	0.34	3	0	0	342	38	305
171+00	3.75	0.00	0.05	3	0	0	345	38	308
171+25	3.89	0.00	0.15	4	0	0	349	38	312
171+50	3.74	0.00	0.52	4	0	0	353	38	316
171+75	3.67	0.00	0.57	3	0	1	356	39	317
172+00	2.91	0.00	2.47	3	0	1	359	40	319
172+09	1.41	0.00	4.15	1	0	1	360	41	319

EARTHWORK -- STH 96 -- STA 172+92 - 179+85

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
172+92	6.16	0.00	0.00	0	0	0	0	0	0
173+00	3.97	0.00	0.00	1	0	0	1	0	1
173+25	3.83	0.00	0.09	4	0	0	5	0	5
173+50	3.69	0.00	0.08	3	0	0	8	0	8
173+75	3.68	0.00	0.10	3	0	0	11	0	11
174+00	4.15	0.00	0.00	4	0	0	15	0	15
174+25	3.94	0.00	0.06	4	0	0	19	0	19
174+50	3.48	0.00	0.22	3	0	0	22	0	22
174+75	3.43	0.00	0.34	3	0	0	25	0	25
175+00	3.46	0.00	0.21	3	0	0	28	0	28
175+25	3.66	0.00	0.12	3	0	0	31	0	31
175+50	3.68	0.00	0.07	3	0	0	34	0	34
175+75	3.76	0.00	0.06	3	0	0	37	0	37
176+00	3.28	0.00	0.35	3	0	0	40	0	40
176+25	3.28	0.00	0.34	3	0	0	43	0	43
176+50	3.36	0.00	0.28	3	0	0	46	0	46
176+75	3.42	0.00	0.16	3	0	0	49	0	49
177+00	3.83	0.00	0.04	3	0	0	52	0	52
177+25	3.88	0.00	0.02	4	0	0	56	0	56
177+50	3.86	0.00	0.02	4	0	0	60	0	60
177+75	3.82	0.00	0.03	4	0	0	64	0	64
178+00	3.90	0.00	0.02	4	0	0	68	0	68
178+25	3.94	0.00	0.01	4	0	0	72	0	72
178+50	3.88	0.00	0.05	4	0	0	76	0	76
178+75	4.04	0.00	0.00	4	0	0	80	0	80
179+00	4.08	0.00	0.00	4	0	0	84	0	84
179+25	3.77	0.00	0.01	4	0	0	88	0	88
179+50	3.95	0.00	0.01	4	0	0	92	0	92
179+75	5.48	0.00	1.74	4	0	1	96	1	95
179+85	12.32	0.00	2.43	3	0	1	99	3	97

EARTHWORK -- STH 96 -- STA 181+06 - 186+96

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
181+06	12.02	0.00	1.63	0	0	0	0	0	0
181+25	13.13	0.00	0.76	9	0	1	9	1	8
181+50	8.85	0.00	0.61	10	0	1	19	3	17
181+75	12.36	0.00	0.33	10	0	0	29	3	27
182+00	12.43	0.00	0.39	11	0	0	40	3	38
182+25	11.32	0.00	0.39	11	0	0	51	3	49
182+50	11.73	0.00	0.39	11	0	0	62	3	60
182+75	10.98	0.00	0.30	11	0	0	73	3	71
183+00	13.40	0.00	0.98	11	0	1	84	4	80
183+25	12.87	0.00	1.56	12	0	1	96	5	91
183+50	11.68	0.00	1.55	11	0	1	107	6	101
183+75	10.96	0.00	1.46	10	0	1	117	8	110
184+00	11.94	0.00	0.96	11	0	1	128	9	119
184+25	14.36	0.00	0.14	12	0	1	140	10	130
184+50	14.28	0.00	0.00	13	0	0	153	10	143
184+75	14.39	0.00	0.00	13	0	0	166	10	156
185+00	15.32	0.00	0.00	14	0	0	180	10	170
185+25	15.34	0.00	0.00	14	0	0	194	10	184
185+50	14.03	0.00	0.00	14	0	0	208	10	198
185+75	12.38	0.00	0.00	12	0	0	220	10	210
186+00	10.93	0.00	0.00	11	0	0	231	10	221
186+25	9.71	0.00	0.00	10	0	0	241	10	231
186+50	6.66	0.00	0.00	8	0	0	249	10	239
186+75	8.87	0.00	0.00	7	0	0	256	10	246
186+96.258	0.00	0.00	0.00	3	0	0	259	10	249

EARTHWORK -- STH 96 -- STA 187+45 - 192+50

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
187+45	4.01	0.00	3.92	0	0	0	0	0	0
187+50	5.74	0.00	3.50	1	0	1	1	1	0
187+75	4.21	0.00	3.91	5	0	3	6	5	1
188+00	3.00	0.00	4.00	3	0	4	9	10	-1
188+25	2.99	0.00	4.15	3	0	4	12	15	-3
188+50	4.47	0.00	3.97	3	0	4	15	20	-5
188+75	4.02	0.00	4.02	4	0	4	19	25	-6
189+00	3.55	0.00	3.46	4	0	3	23	29	-6
189+25	3.20	0.00	2.26	3	0	3	26	33	-7
189+50	4.30	0.00	0.14	3	0	1	29	34	-5
189+75	4.44	0.00	0.02	4	0	0	33	34	-1
190+00	4.25	0.00	0.00	4	0	0	37	34	3
190+25	3.86	0.00	0.04	4	0	0	41	34	7
190+50	3.69	0.00	0.35	3	0	0	44	34	10
190+63.7	3.28	0.00	0.62	2	0	0	46	34	12
190+75	2.91	0.00	1.34	1	0	0	47	34	13
191+00	3.20	0.00	1.73	3	0	1	50	35	15
191+25	4.02	0.00	0.18	3	0	1	53	36	17
191+50	3.67	0.00	0.14	4	0	0	57	36	21
191+75	3.85	0.00	0.03	3	0	0	60	36	24
192+00	2.25	0.00	3.86	3	0	2	63	39	24
192+25	5.34	0.00	2.63	4	0	3	67	43	25
192+50	0.00	0.00	0.00	2	0	1	69	44	25

EARTHWORK -- STH 96 -- STA 193+25 - 206+85

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
193+25	9.51	0.00	2.54	0	0	0	0	0	0
193+50	8.96	0.00	0.00	9	0	1	9	1	8
193+75	5.61	0.00	0.00	7	0	0	16	1	15
194+00	5.83	0.00	0.00	5	0	0	21	1	20
194+25	4.83	0.00	0.00	5	0	0	26	1	25
194+50	12.72	0.00	0.00	8	0	0	34	1	33
194+75	14.46	0.00	0.00	13	0	0	47	1	46
195+00	3.82	0.00	0.13	8	0	0	55	1	54
195+25	3.58	0.00	0.15	3	0	0	58	1	57
195+50	3.36	0.00	0.18	3	0	0	61	1	60
195+75	3.12	0.00	0.15	3	0	0	64	1	63
196+00	14.30	0.00	0.00	8	0	0	72	1	71
196+25	15.05	0.00	0.00	14	0	0	86	1	85
196+50	6.10	0.00	0.17	10	0	0	96	1	95
196+75	9.01	0.00	0.00	7	0	0	103	1	102
197+00	9.15	0.00	0.00	8	0	0	111	1	110
197+25	3.76	0.00	0.10	6	0	0	117	1	116
197+50	3.82	0.00	0.06	4	0	0	121	1	120
197+75	3.76	0.00	0.10	4	0	0	125	1	124
198+00	8.58	0.00	0.00	6	0	0	131	1	130
198+25	8.71	0.00	0.00	8	0	0	139	1	138
198+50	5.54	0.00	0.19	7	0	0	146	1	145
198+75	8.46	0.00	0.00	6	0	0	152	1	151
199+00	9.22	0.00	0.00	8	0	0	160	1	159
199+25	8.38	0.00	0.00	8	0	0	168	1	167
199+50	4.55	0.00	0.00	6	0	0	174	1	173
199+75	14.76	0.00	0.00	9	0	0	183	1	182
200+00	14.94	0.00	0.00	14	0	0	197	1	196
200+25	3.40	0.00	0.12	8	0	0	205	1	204
200+50	1.72	0.00	2.20	2	0	1	207	3	205
200+75	3.58	0.00	0.20	2	0	1	209	4	205
201+00	11.21	0.00	0.00	7	0	0	216	4	212
201+25	11.51	0.00	0.00	11	0	0	227	4	223
201+50	5.28	0.00	0.00	8	0	0	235	4	231
201+75	5.54	0.00	0.00	5	0	0	240	4	236
202+00	5.47	0.00	0.00	5	0	0	245	4	241
202+25	4.93	0.00	0.00	5	0	0	250	4	246
202+50	10.02	0.00	0.00	7	0	0	257	4	253
202+75	13.02	0.00	0.00	11	0	0	268	4	264
203+00	21.46	0.00	0.00	16	0	0	284	4	280
203+25	22.68	0.00	0.00	20	0	0	304	4	300
203+50	16.14	0.00	0.00	18	0	0	322	4	318
203+75	3.25	0.00	0.28	9	0	0	331	4	327
204+00	4.21	0.00	0.00	3	0	0	334	4	330

9

9

EARTHWORK -- STH 96 -- STA 193+25 - 206+85 CONT.

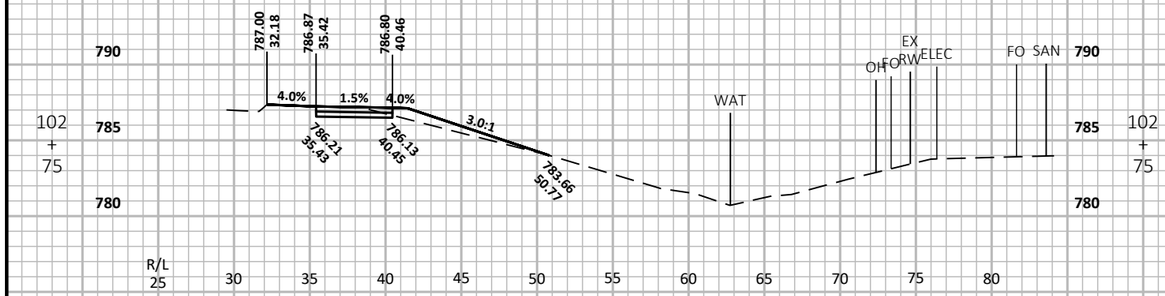
STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
204+25	4.07	0.00	0.02	4	0	0	338	4	334
204+50	11.72	0.00	0.00	7	0	0	345	4	341
204+75	3.85	0.00	0.19	7	0	0	352	4	348
205+00	4.20	0.00	0.00	4	0	0	356	4	352
205+25	3.93	0.00	0.00	4	0	0	360	4	356
205+50	4.17	0.00	0.00	4	0	0	364	4	360
205+75	4.06	0.00	0.00	4	0	0	368	4	364
206+00	1.48	0.00	1.47	3	0	1	371	5	366
206+25	0.14	0.00	3.72	1	0	2	372	8	365
206+30.174	0.08	0.00	3.99	0	0	1	372	9	363
206+50	1.17	0.00	4.36	0	0	3	372	13	360
206+75	5.08	0.00	0.00	3	0	2	375	15	360
206+85	2.62	0.00	0.86	1	0	0	376	15	361

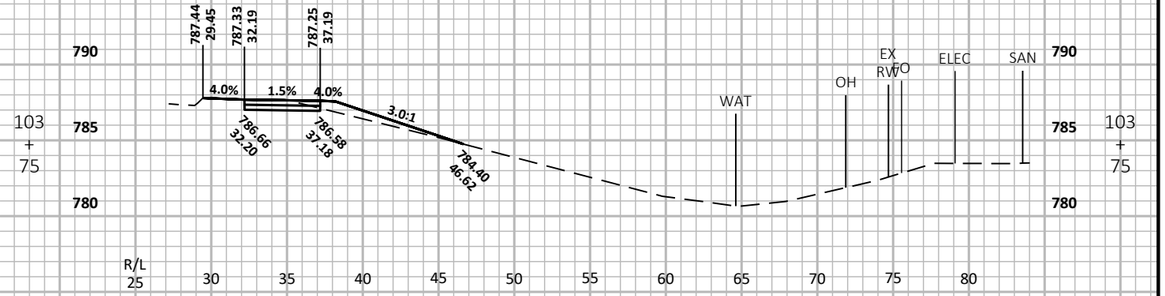
EARTHWORK -- COLORADO AVE.

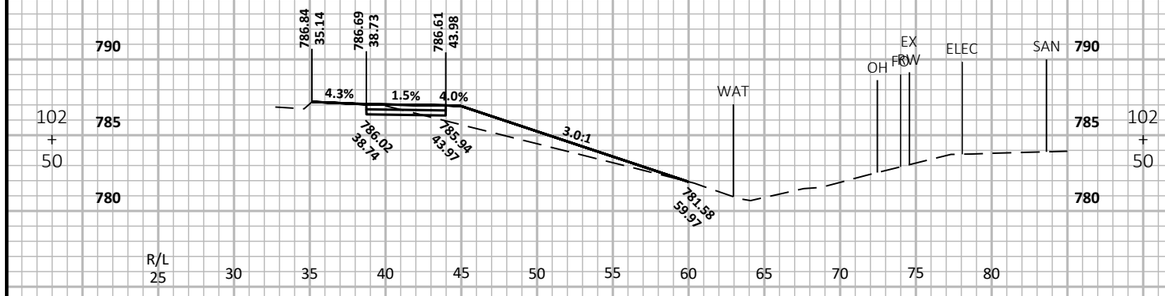
STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
10+25	1.64	0.00	3.84	0	0	0	0	0	0
10+50	3.24	0.00	4.03	2	0	4	2	5	-3
10+75	3.67	0.00	3.56	3	0	4	5	10	-5
11+00	3.43	0.00	4.10	3	0	4	8	15	-7

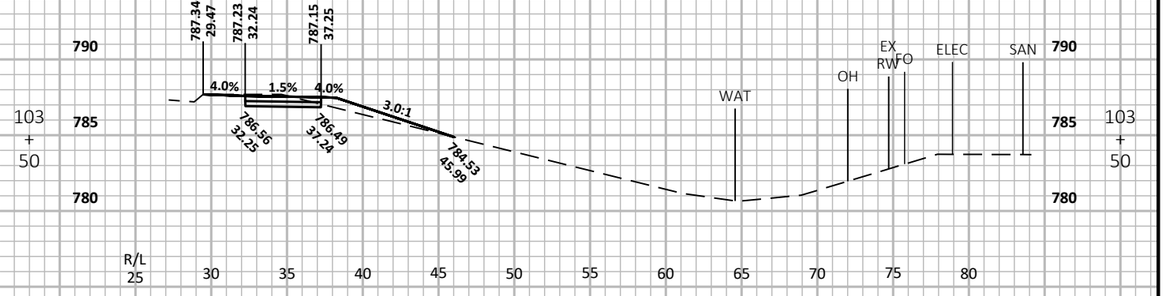
EARTHWORK -- FOX VALLEY & LAKE SUPERIOR RAIL SYSTEM CROSSING

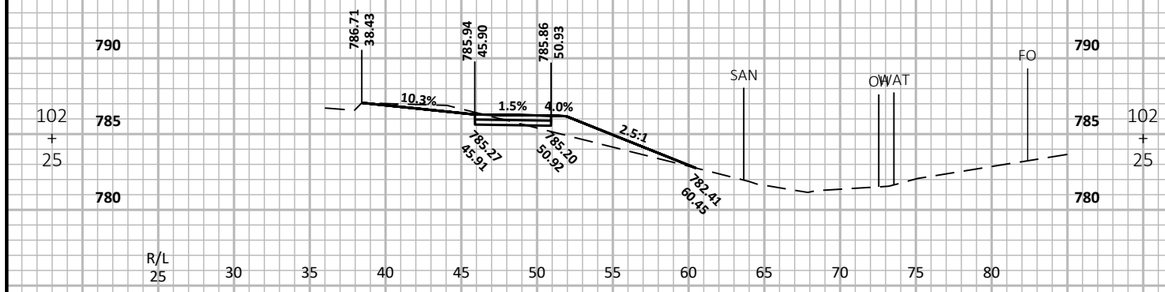
STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED/UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 8
10+46	122.98	0.00	0.00	0	0	0	0	0	0
10+79	119.06	0.00	0.00	145	0	0	145	0	145
10+96	107.49	0.00	0.00	71	0	0	216	0	216
11+18	102.05	0.00	0.00	86	0	0	302	0	302

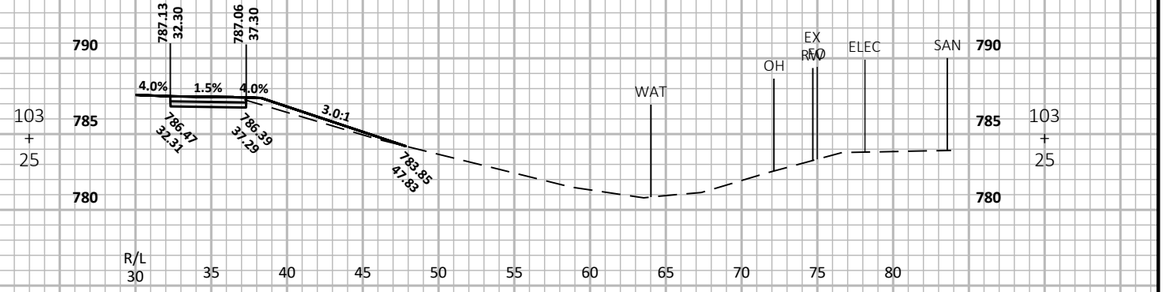


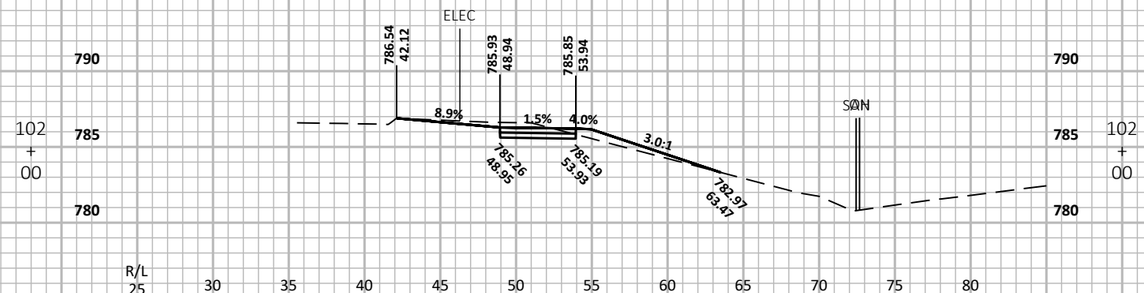


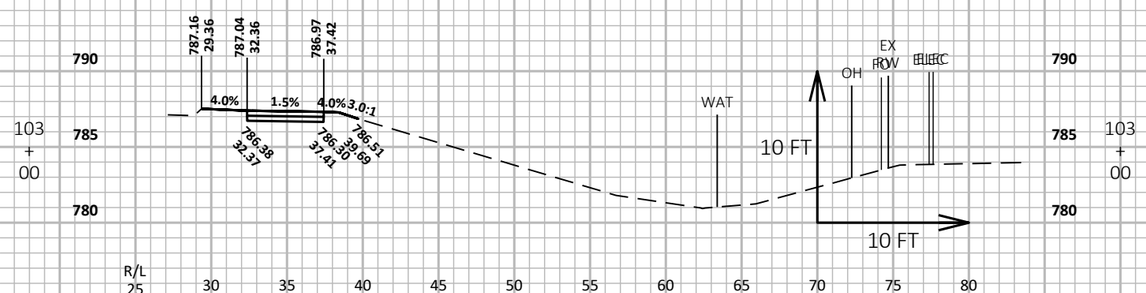












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 428	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090201-xs

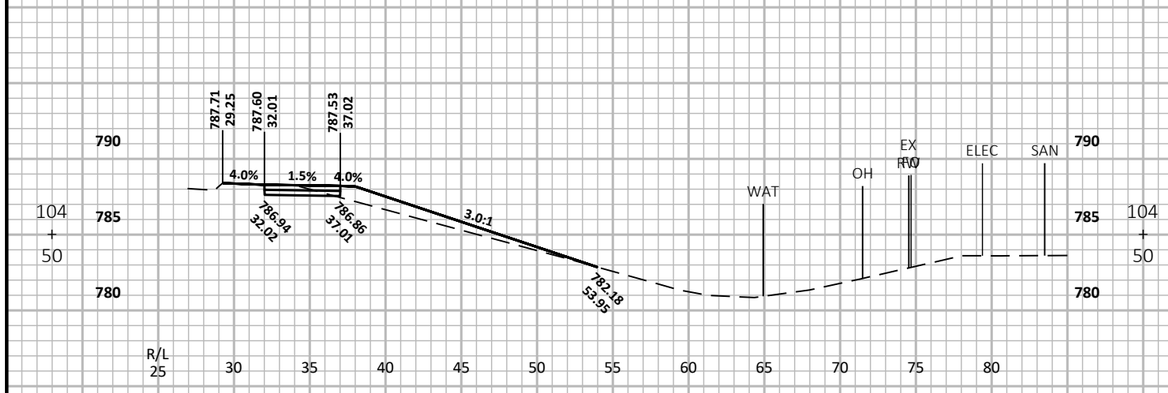
PLOT DATE : 11/12/2024 3:23 PM

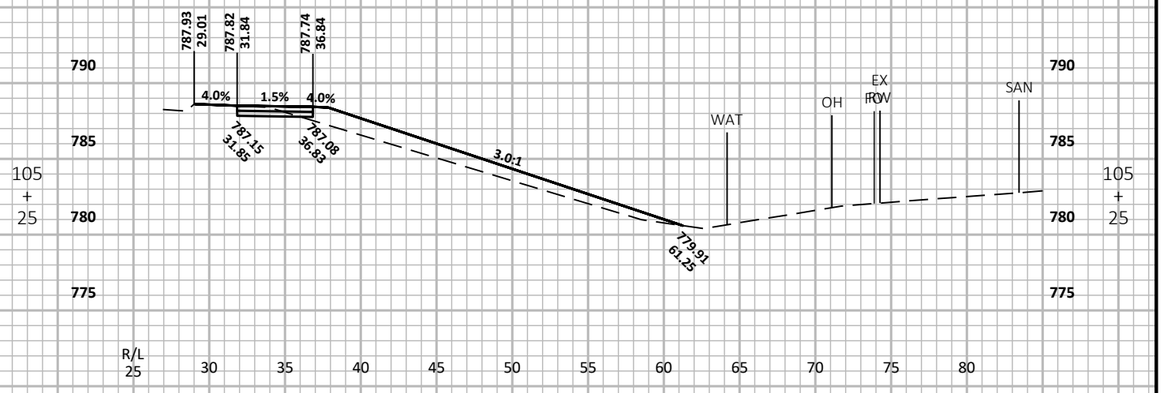
PLOT BY : COREY RAYFORD

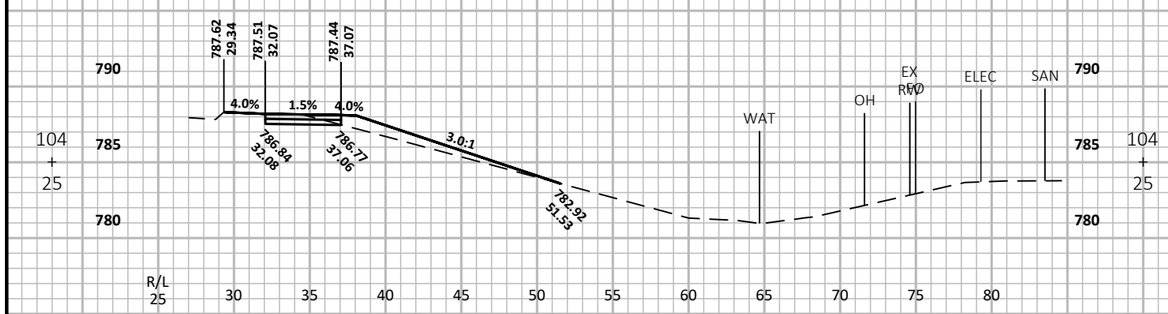
PLOT NAME :

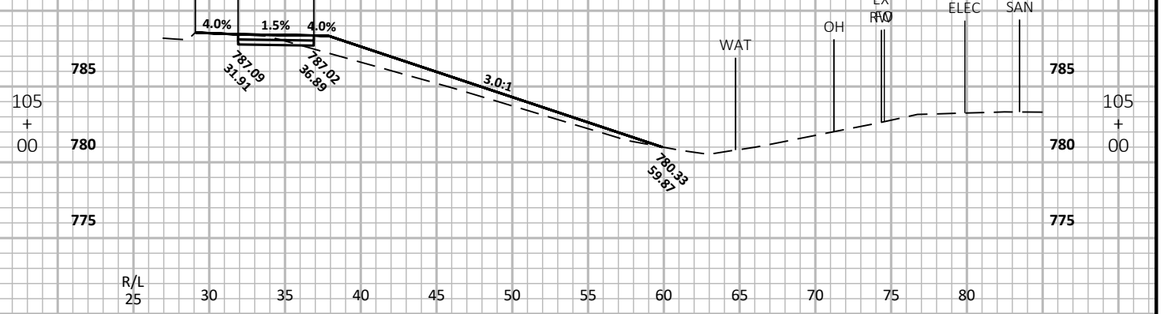
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

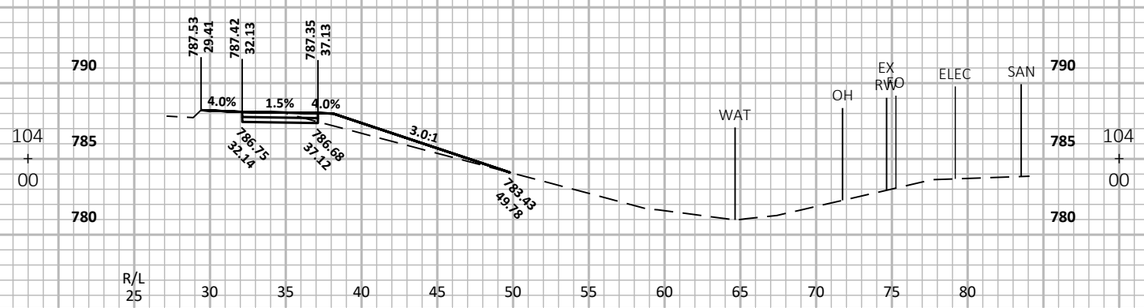
WISDOT/CADDS SHEET 49

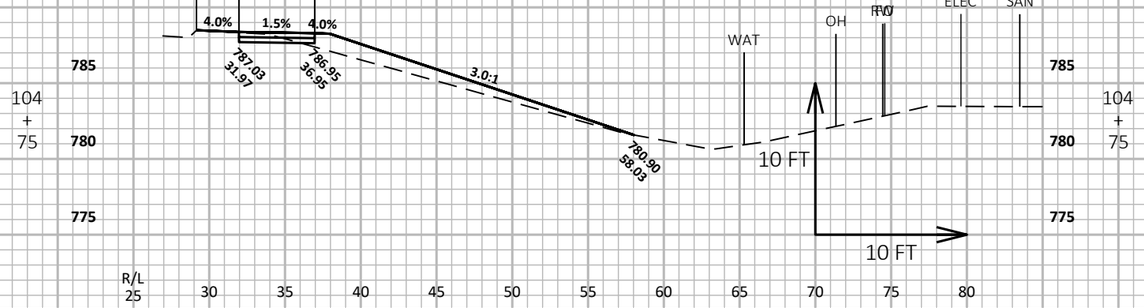












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 429	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090202-xs

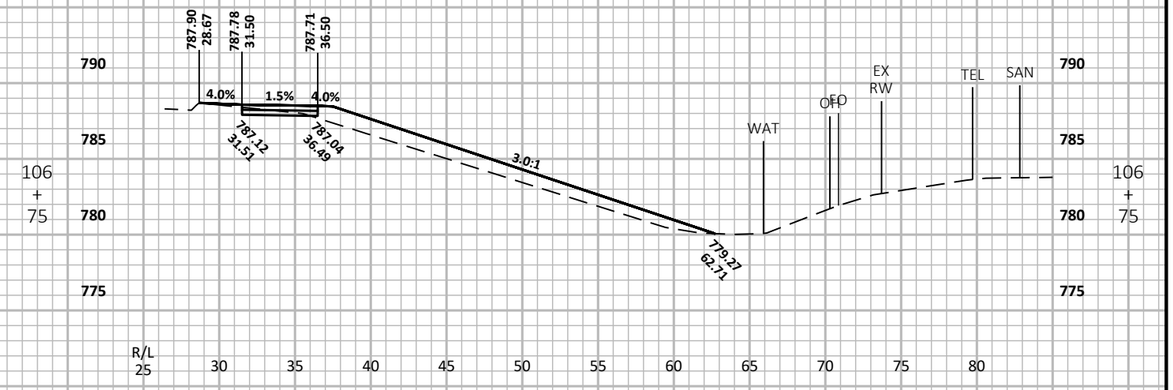
PLOT DATE : 11/12/2024 3:23 PM

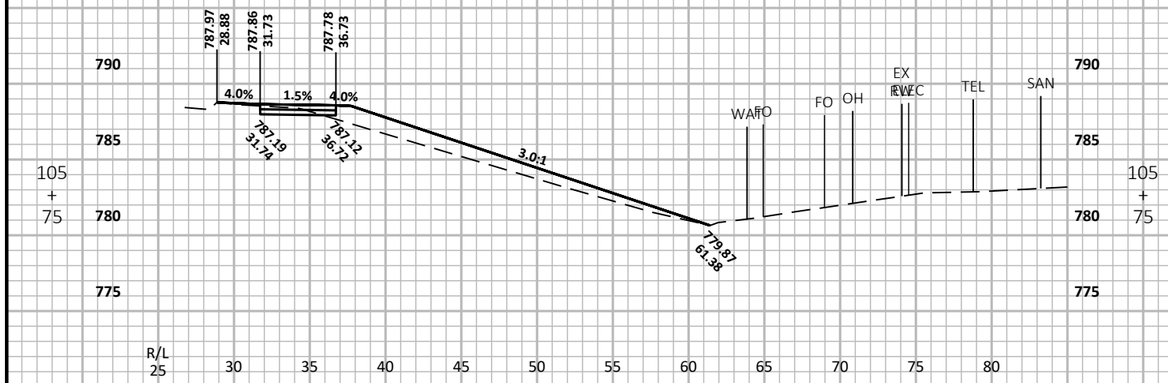
PLOT BY : COREY RAYFORD

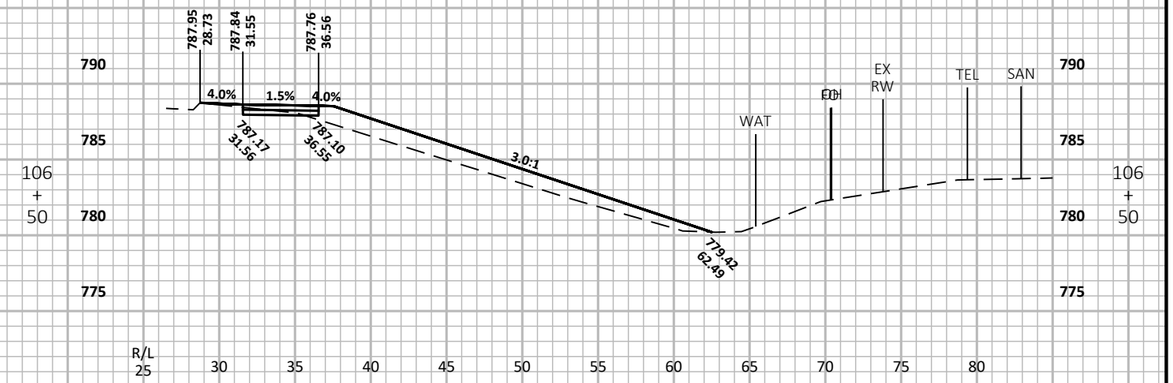
PLOT NAME :

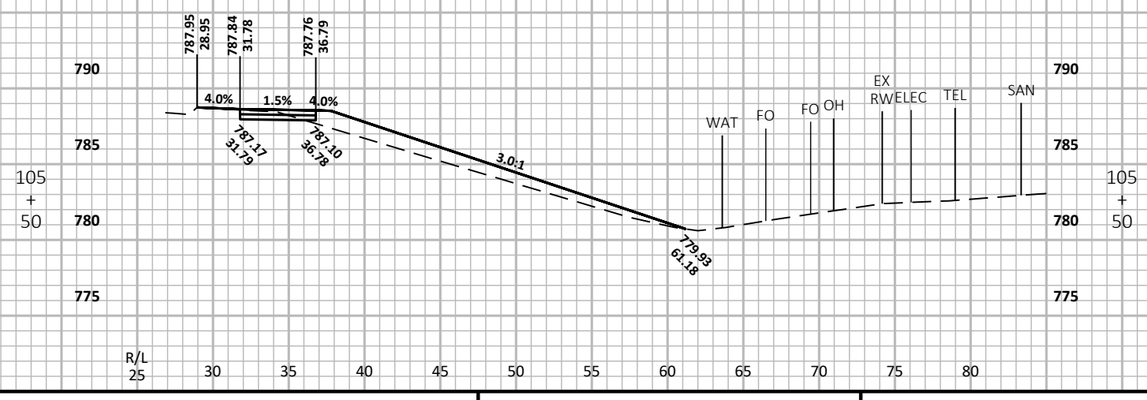
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

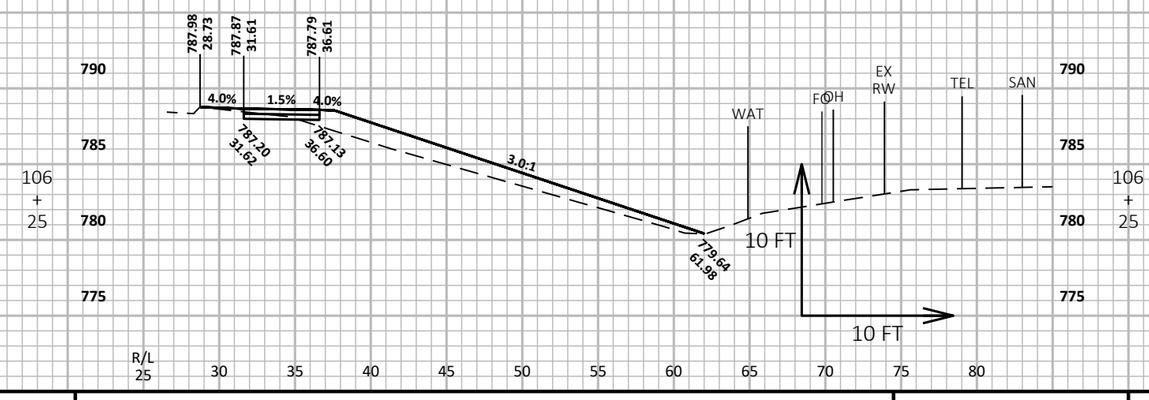












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 430	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090203-xs

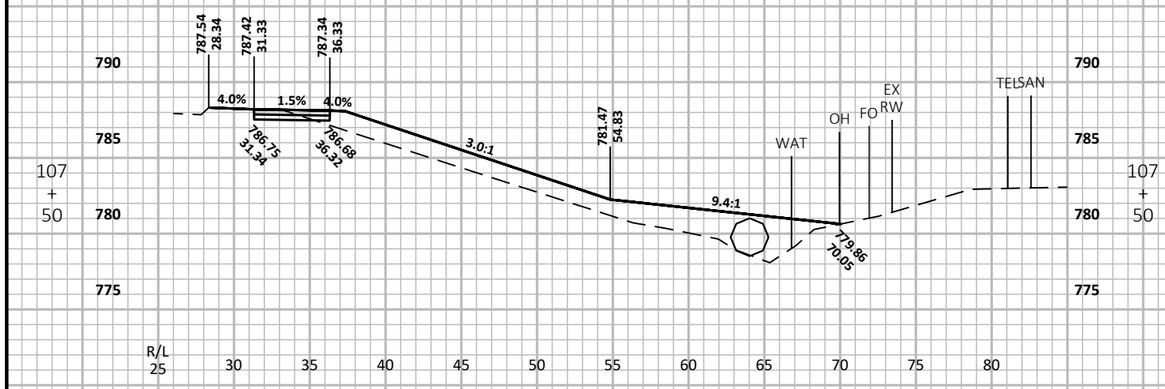
PLOT DATE : 11/12/2024 3:23 PM

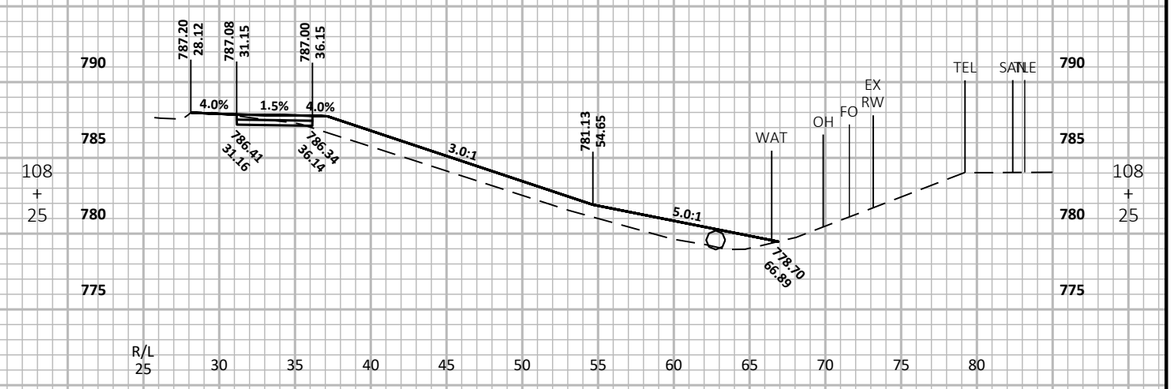
PLOT BY : COREY RAYFORD

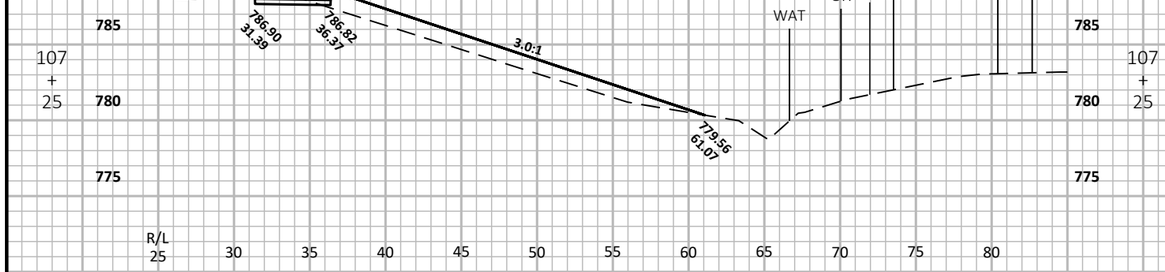
PLOT NAME :

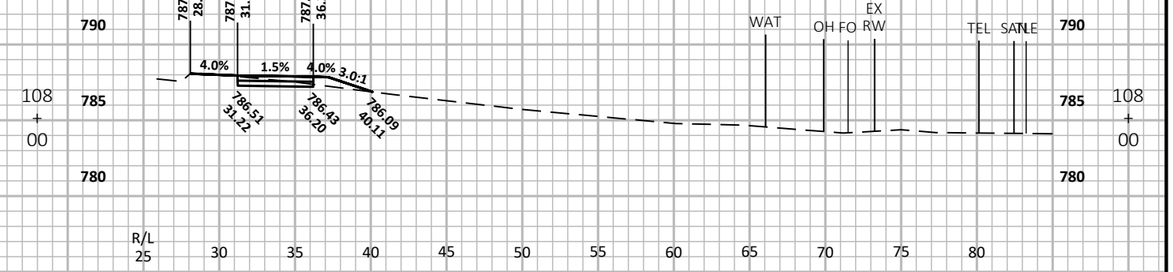
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

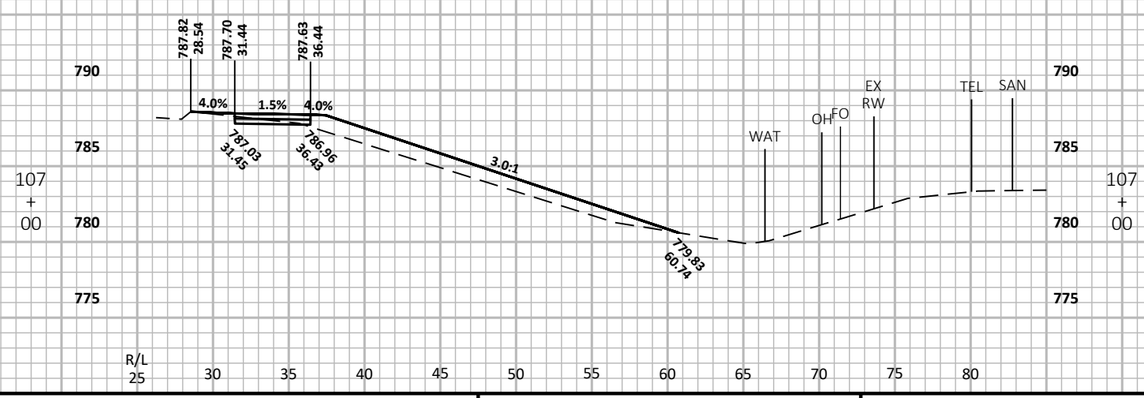
WISDOT/CADDS SHEET 49

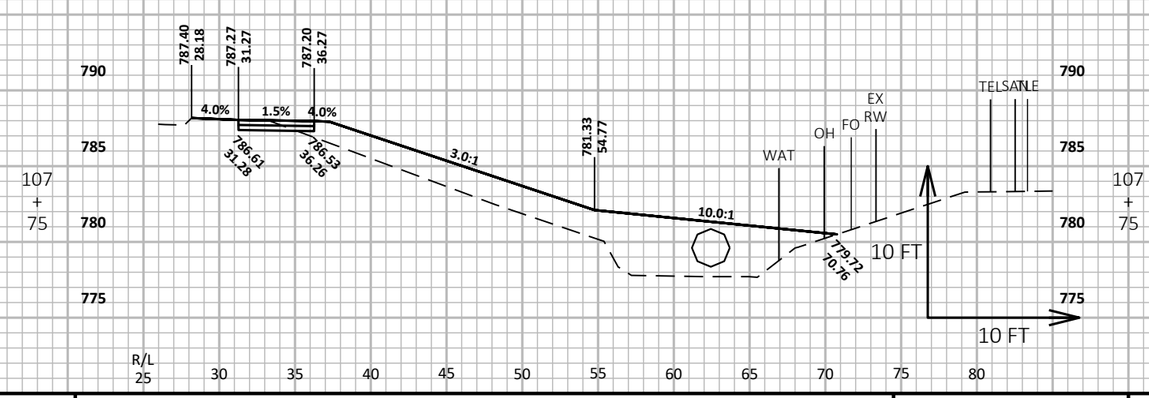












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 431	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090204-xs

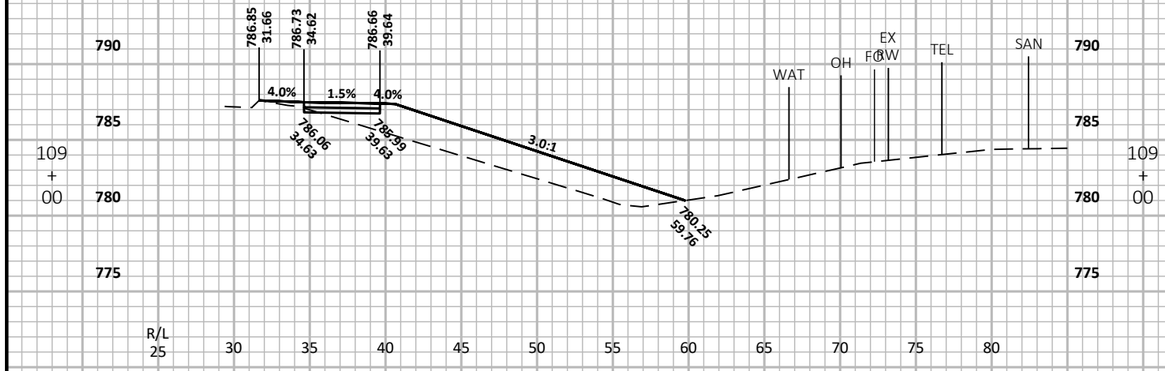
PLOT DATE : 11/12/2024 3:23 PM

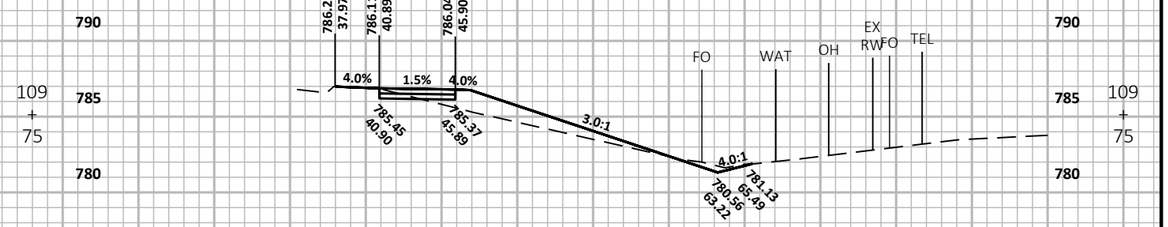
PLOT BY : COREY RAYFORD

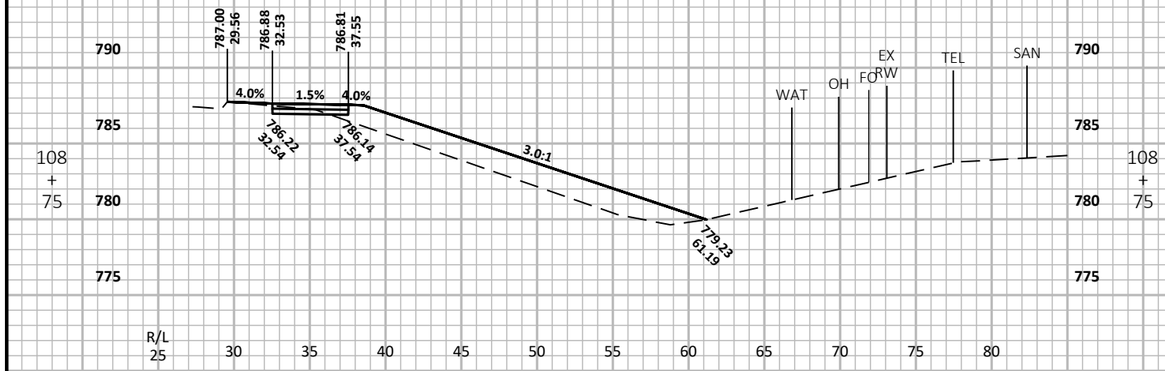
PLOT NAME :

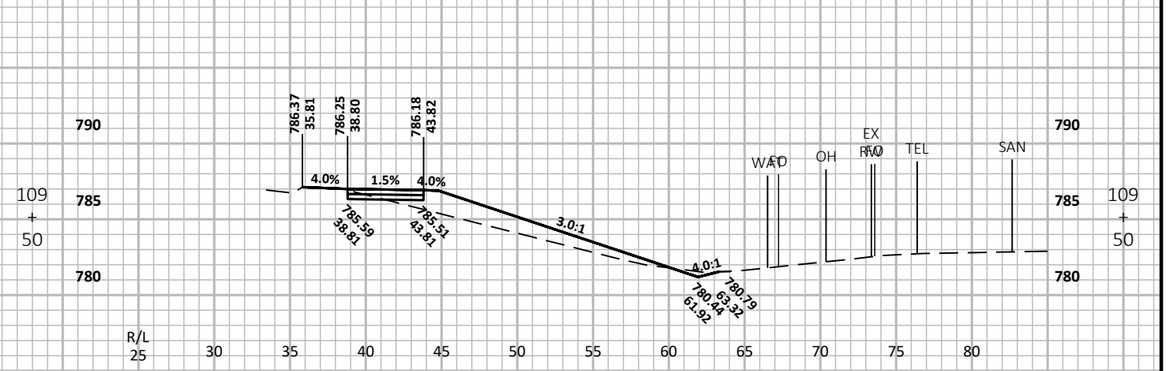
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

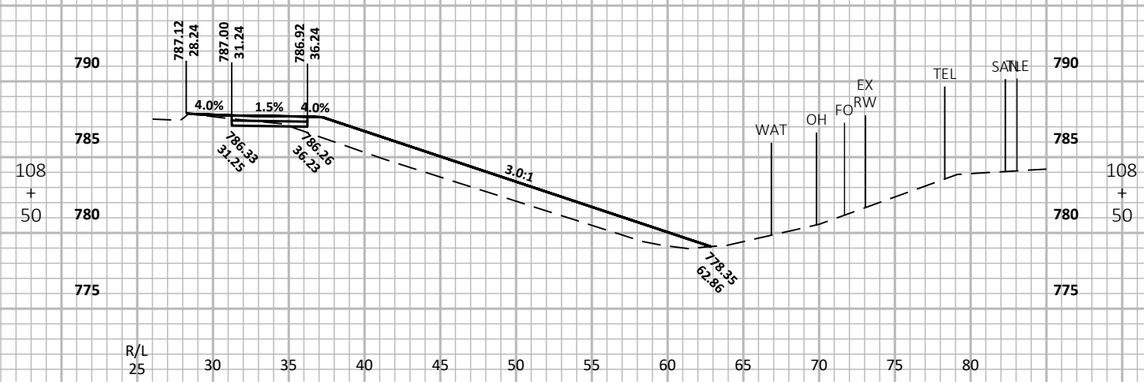
WISDOT/CADDS SHEET 49

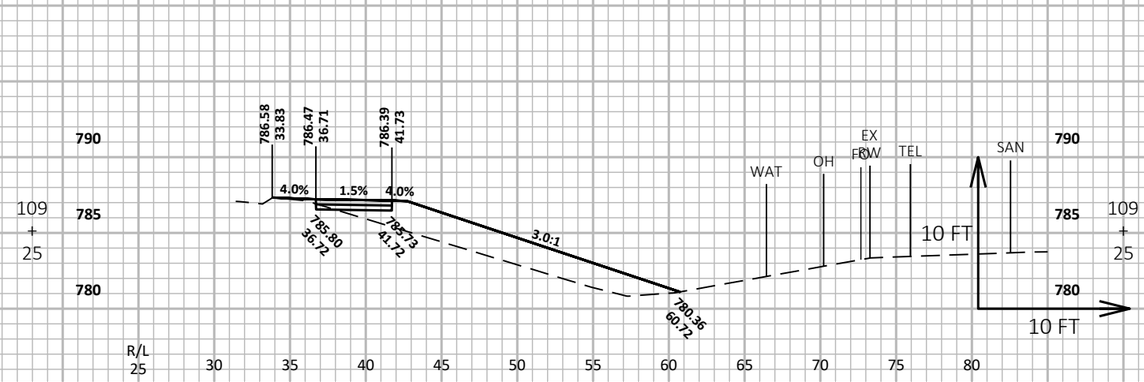












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 432	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090205-xs

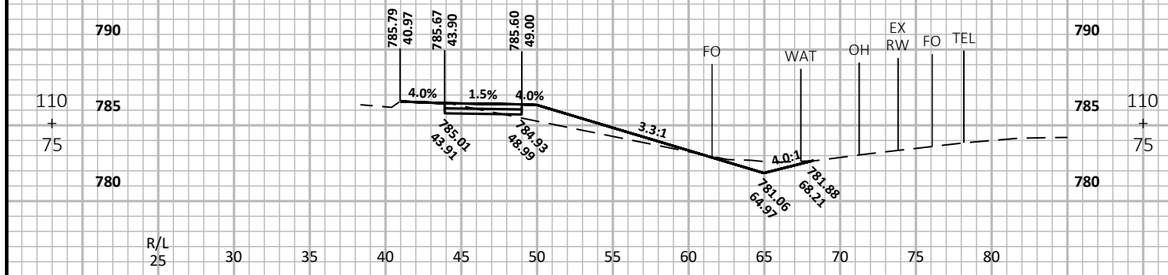
PLOT DATE : 11/12/2024 3:24 PM

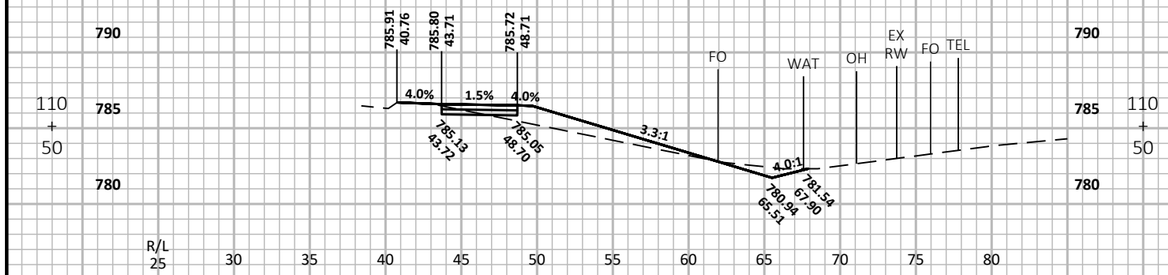
PLOT BY : COREY RAYFORD

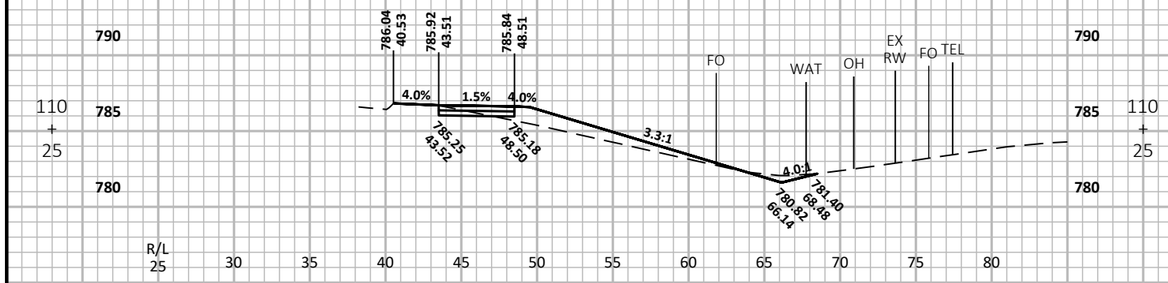
PLOT NAME :

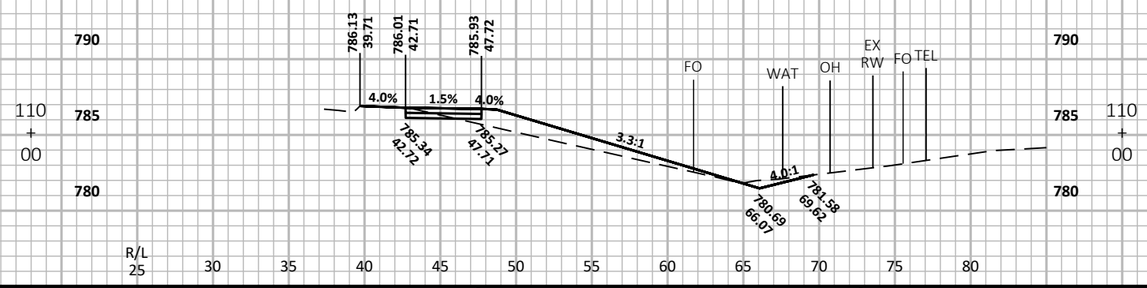
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

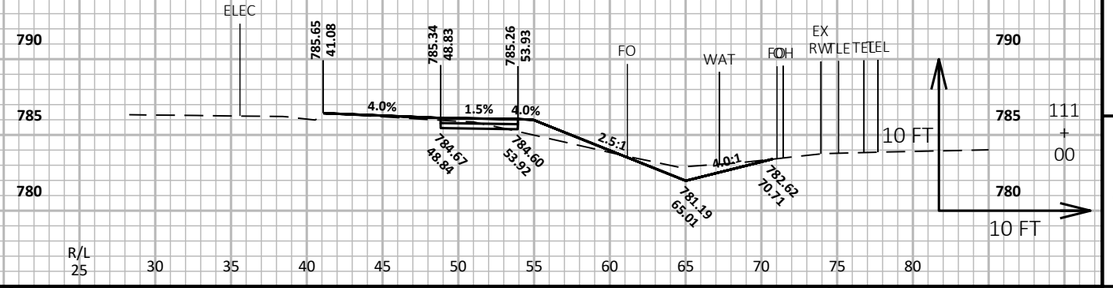
WISDOT/CADDS SHEET 49











9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 433	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090206-xs

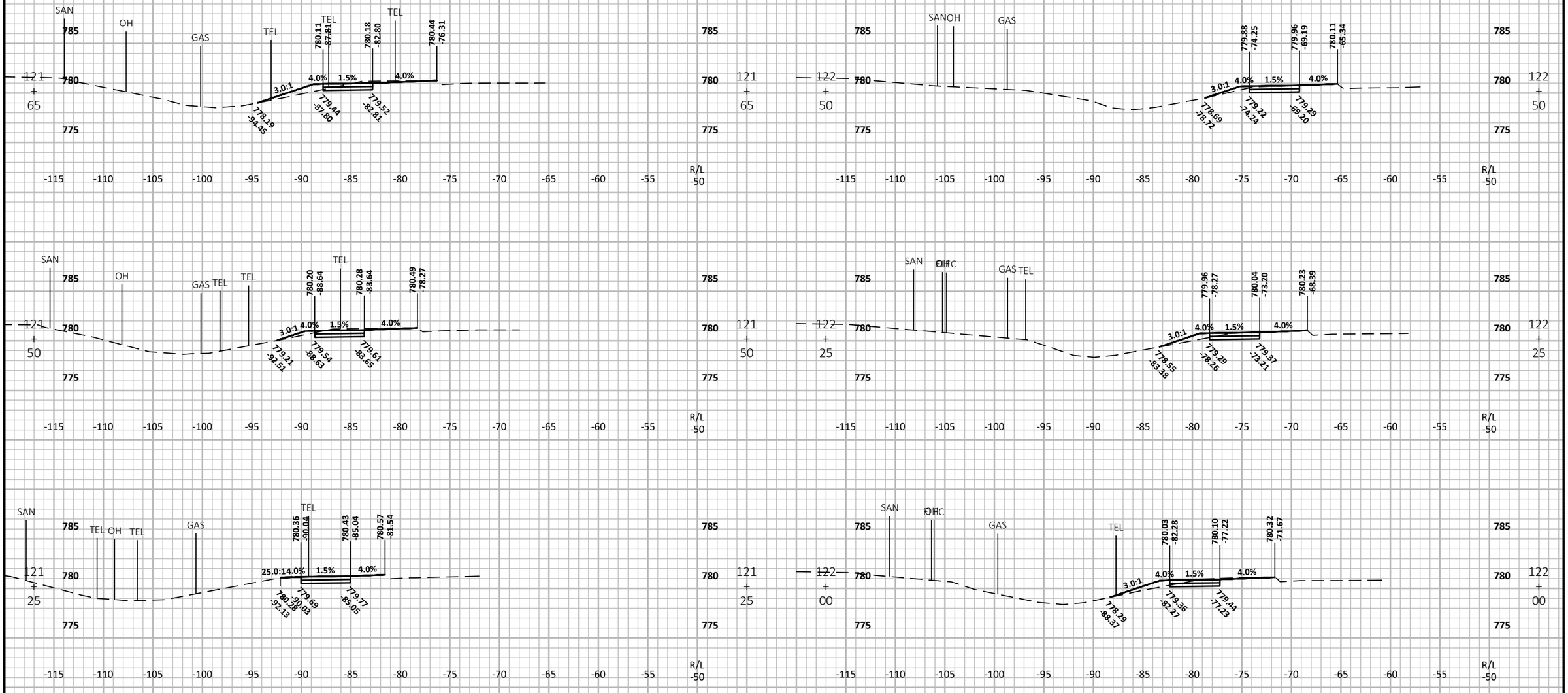
PLOT DATE : 11/12/2024 3:24 PM

PLOT BY : COREY RAYFORD

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	SHEET 434	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090210-xs

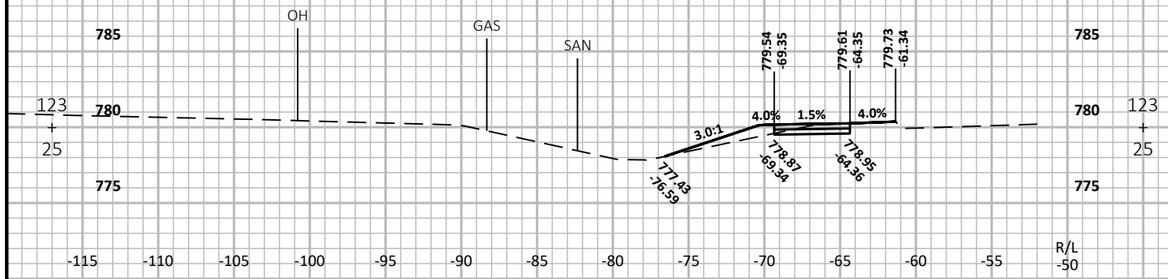
PLOT DATE : 11/12/2024 3:17 PM

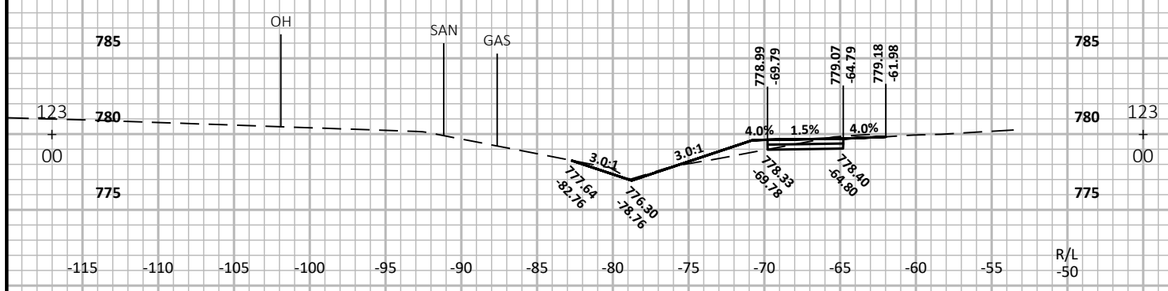
PLOT BY : COREY RAYFORD

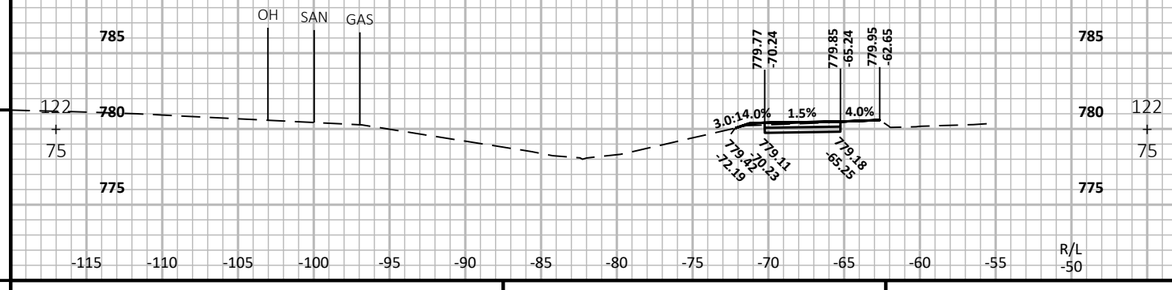
PLOT NAME :

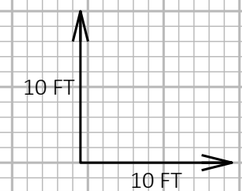
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49









9

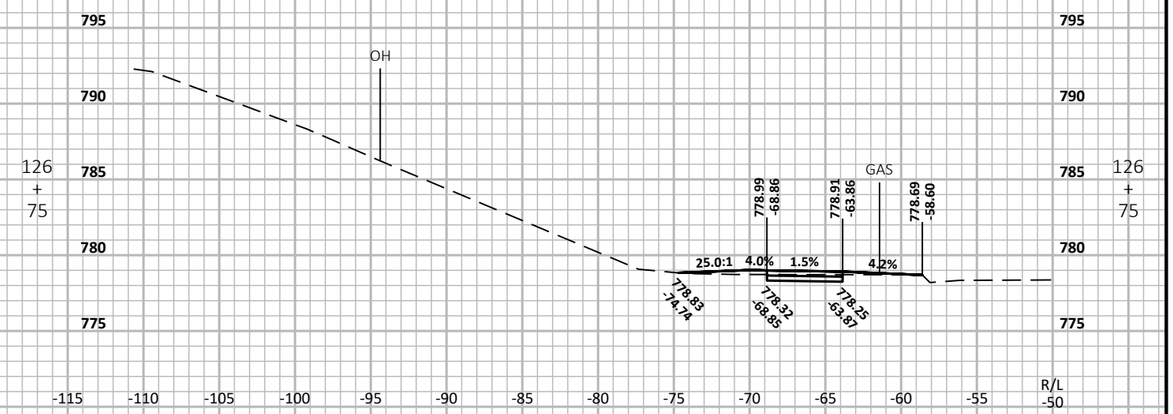
9

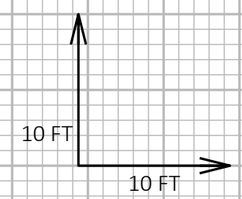
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 435	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090211-xs

PLOT DATE : 11/12/2024 3:17 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

9

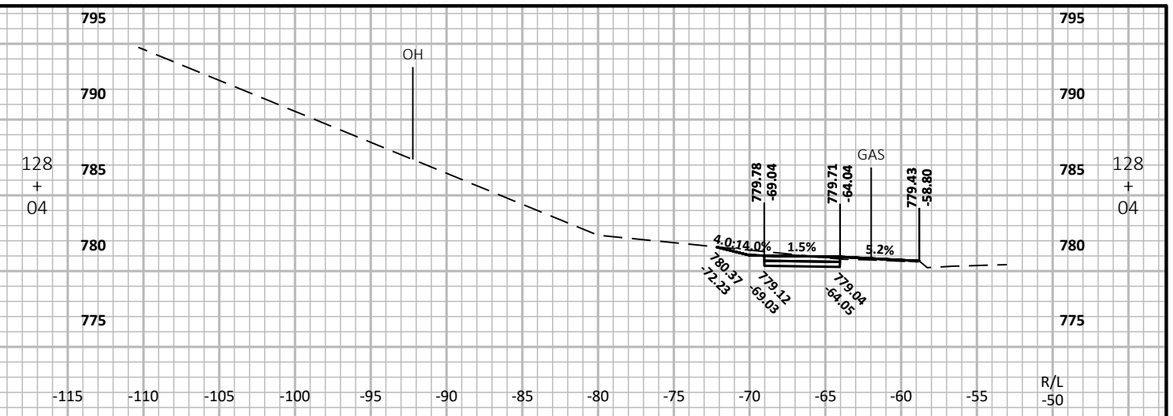
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 436	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090212-xs

PLOT DATE : 11/12/2024 3:17 PM PLOT BY : COREY RAYFORD PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

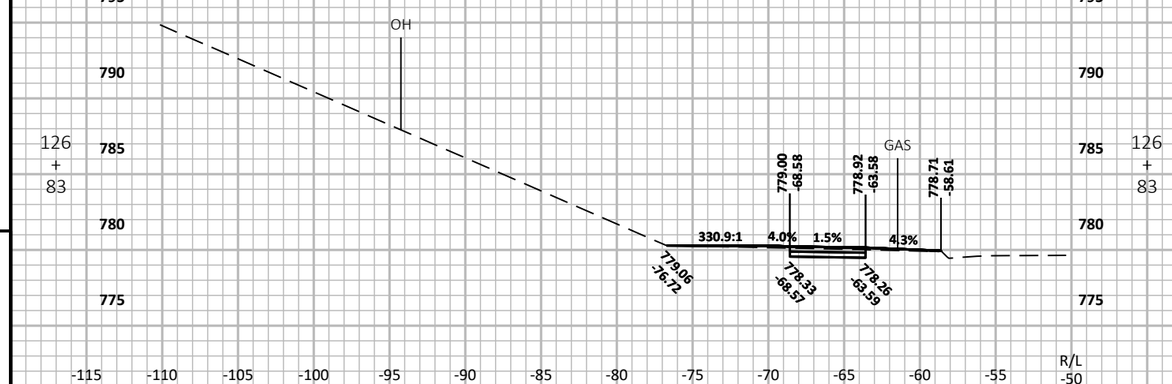
WISDOT/CADDS SHEET 49

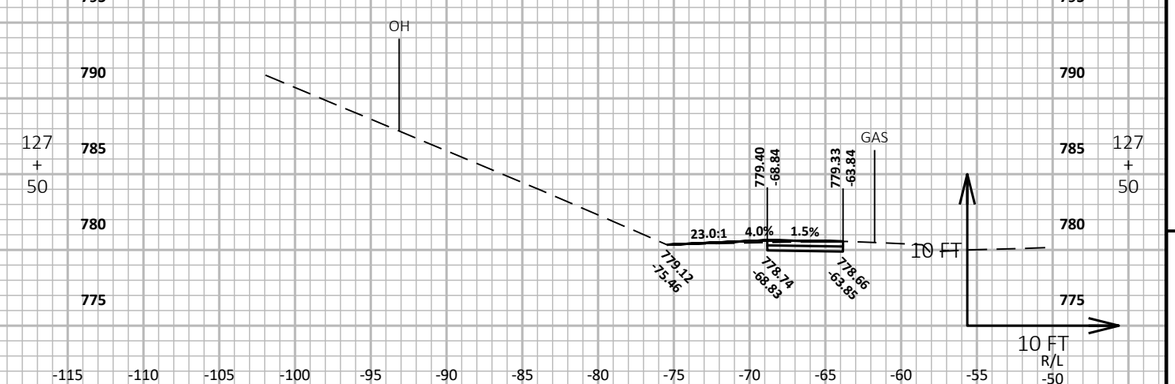












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 437	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090213-xs

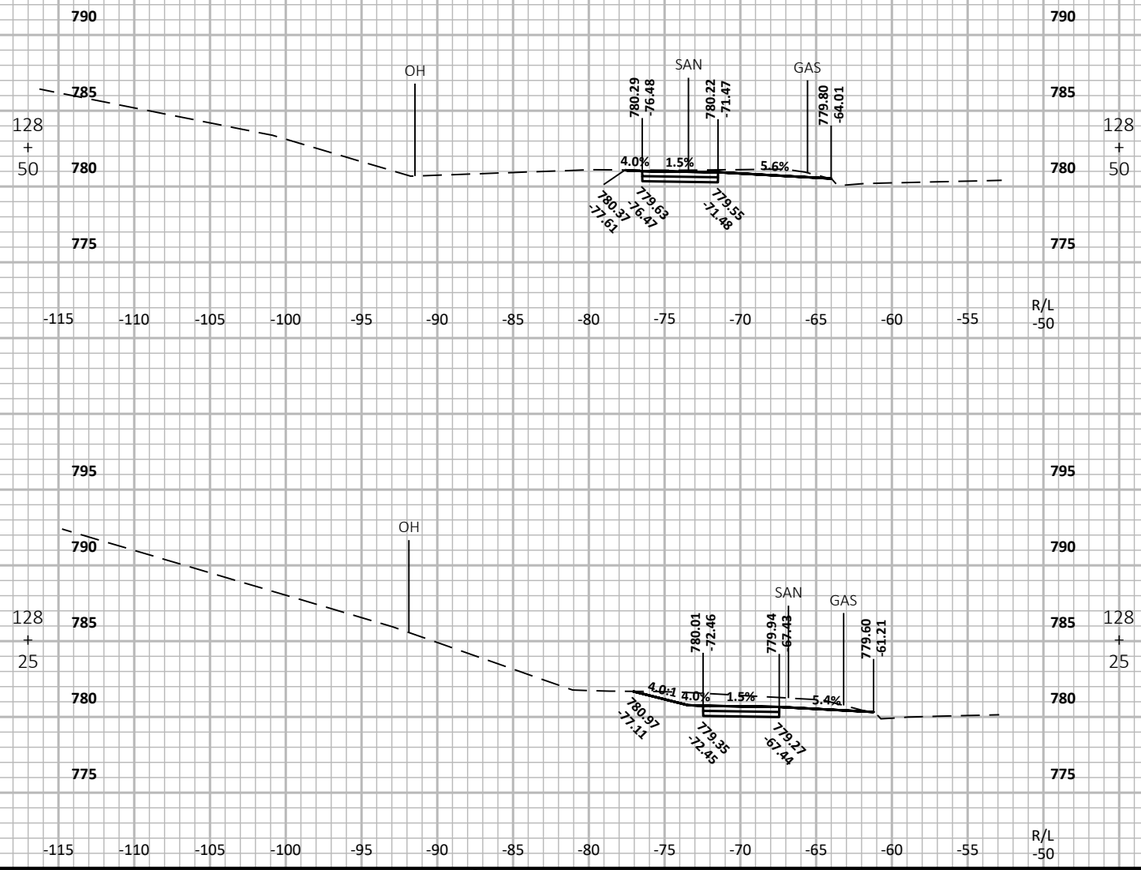
PLOT DATE : 11/12/2024 3:17 PM

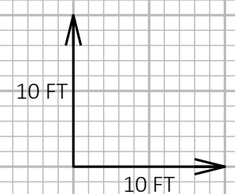
PLOT BY : COREY RAYFORD

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

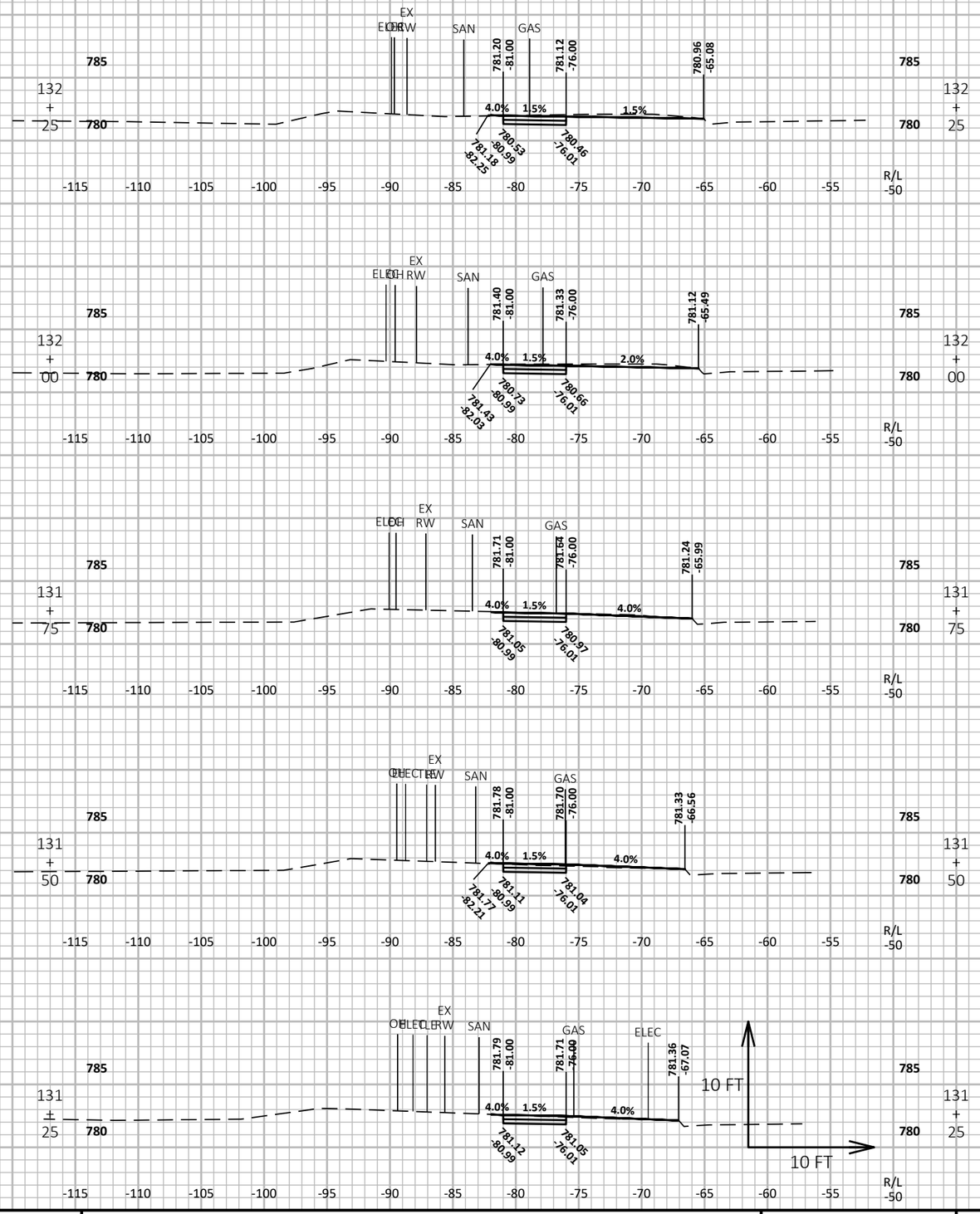
9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 438	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090214-xs

PLOT DATE : 11/12/2024 3:17 PM PLOT BY : COREY RAYFORD PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

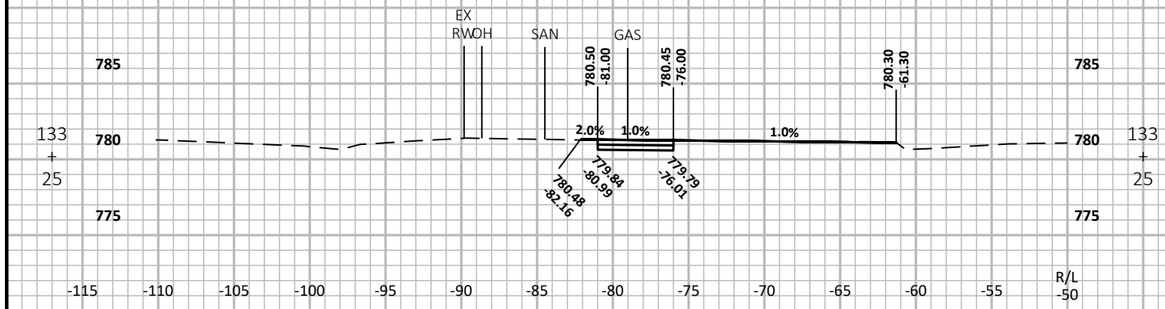
9

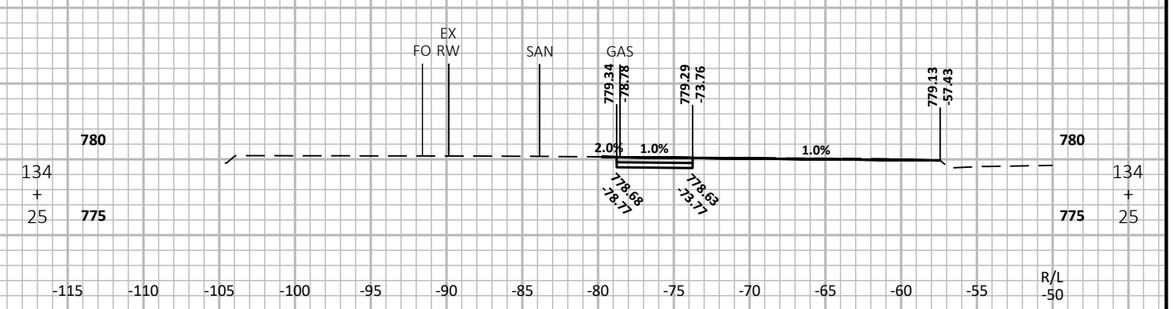
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 439	E

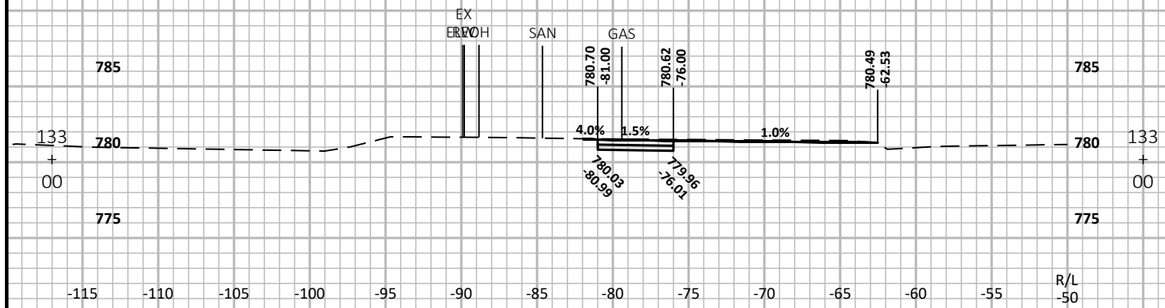
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090215-xs

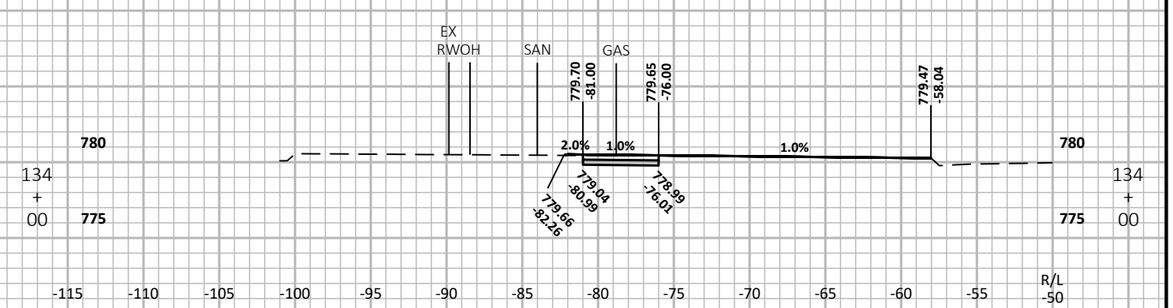
PLOT DATE : 11/12/2024 3:18 PM PLOT BY : COREY RAYFORD PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

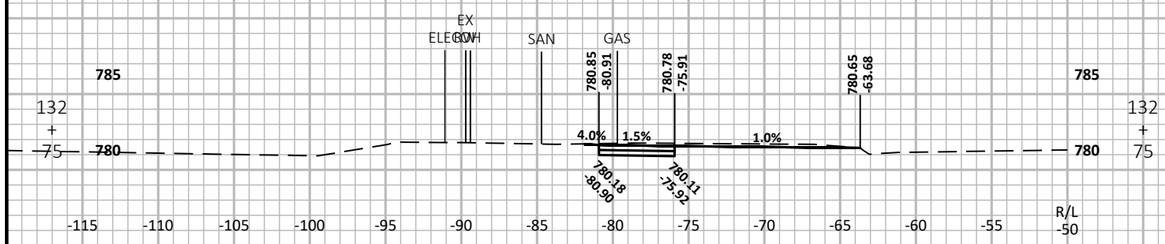
WISDOT/CADDS SHEET 49

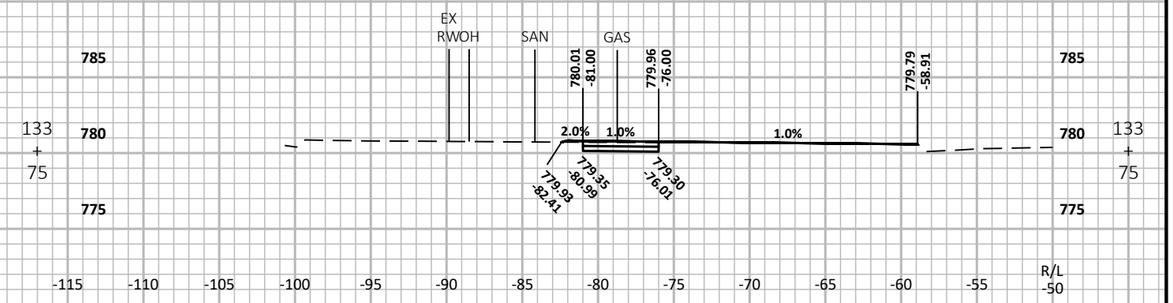


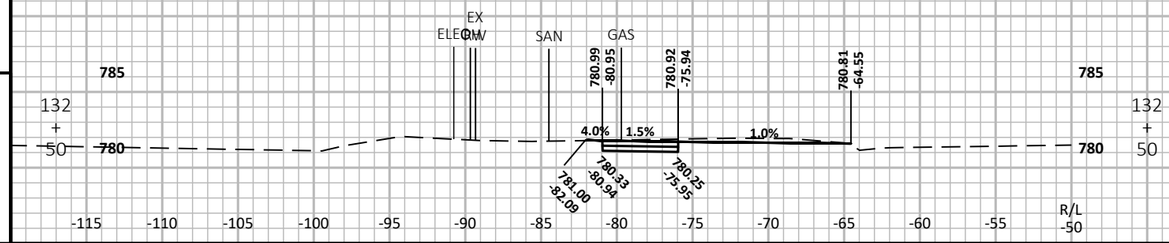


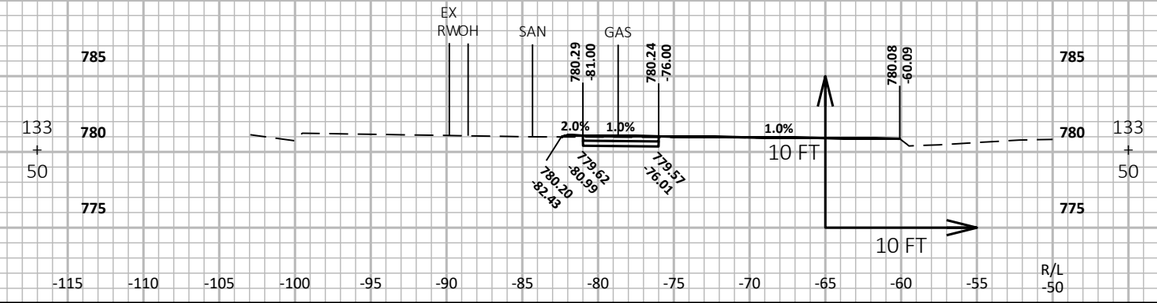












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 440	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090216-xs

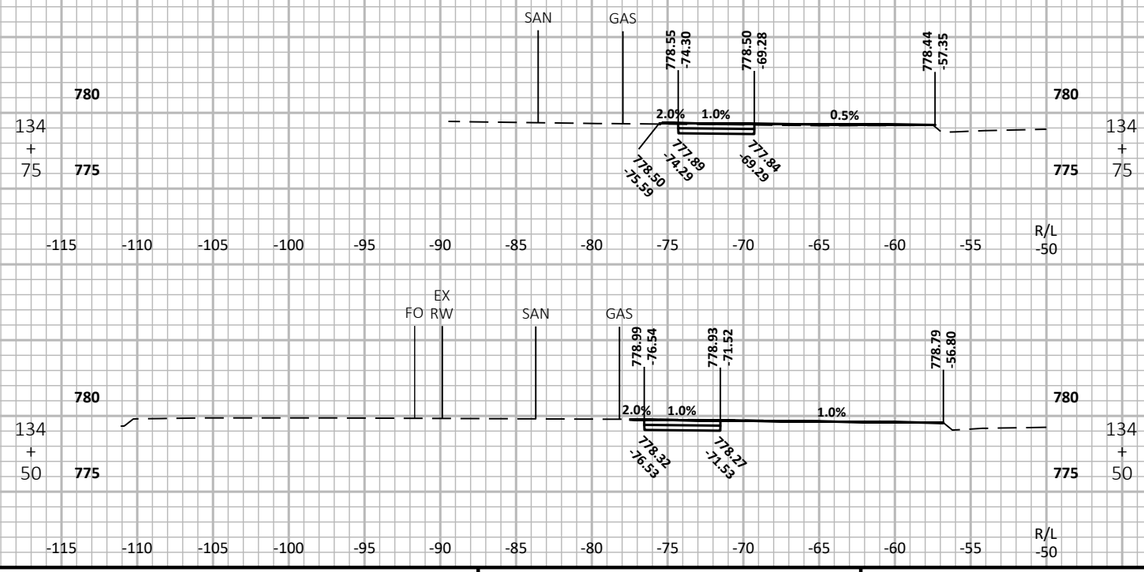
PLOT DATE : 11/12/2024 3:18 PM

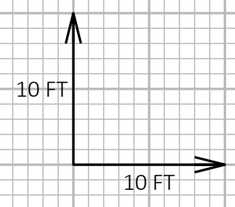
PLOT BY : COREY RAYFORD

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

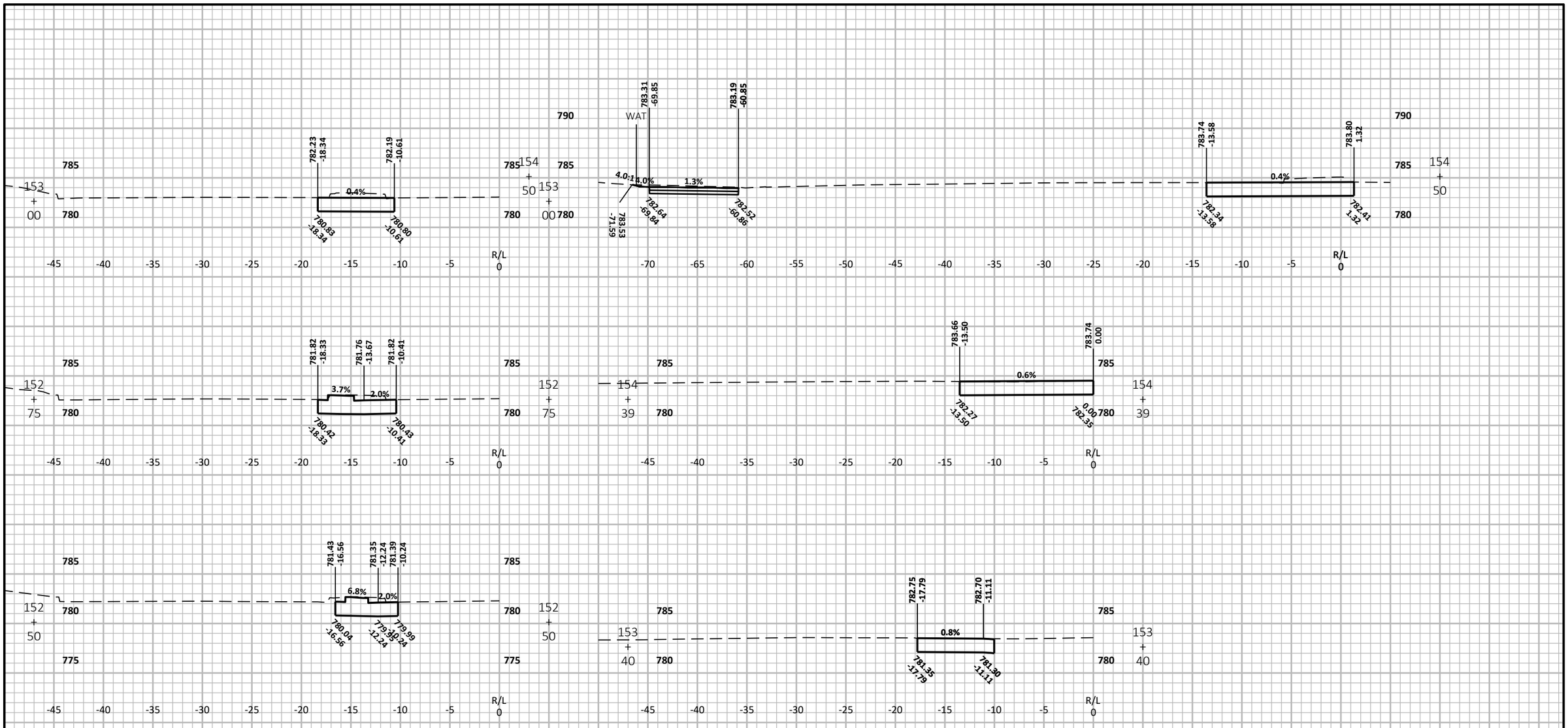
9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 441	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090217-xs

PLOT DATE : 11/12/2024 3:22 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

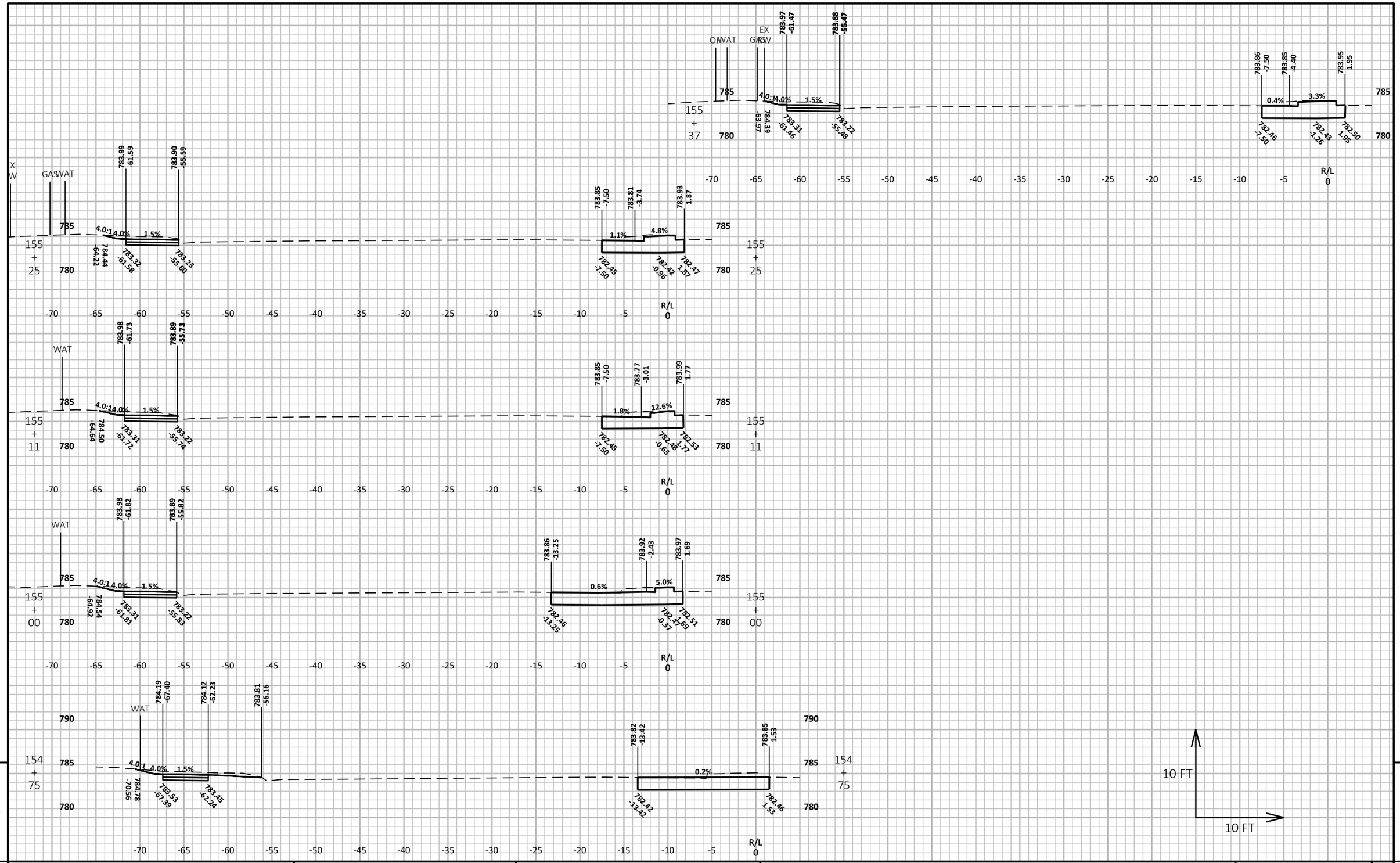
9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 442	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090220-xs

PLOT DATE : 11/12/2024 3:18 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

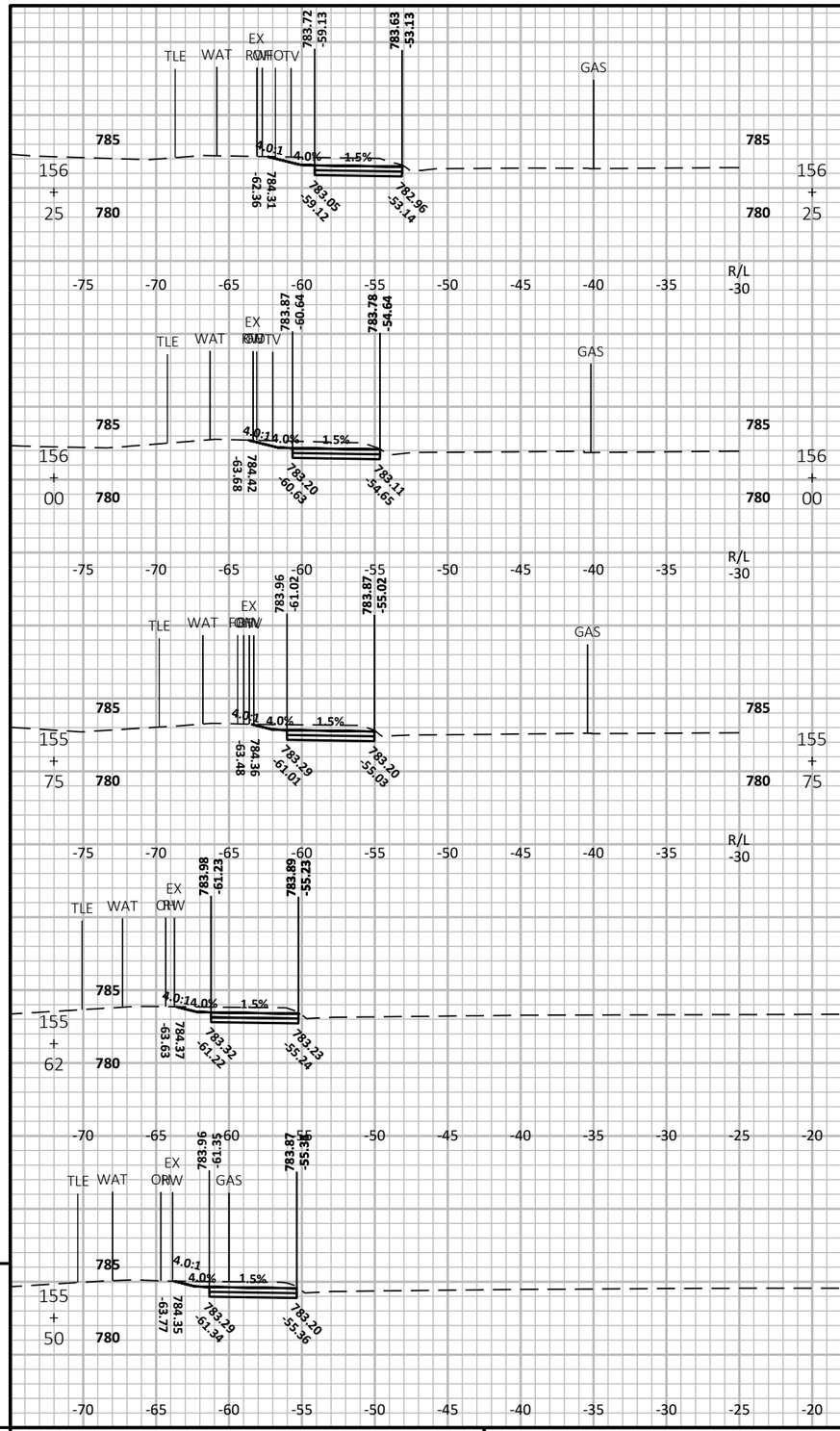
9

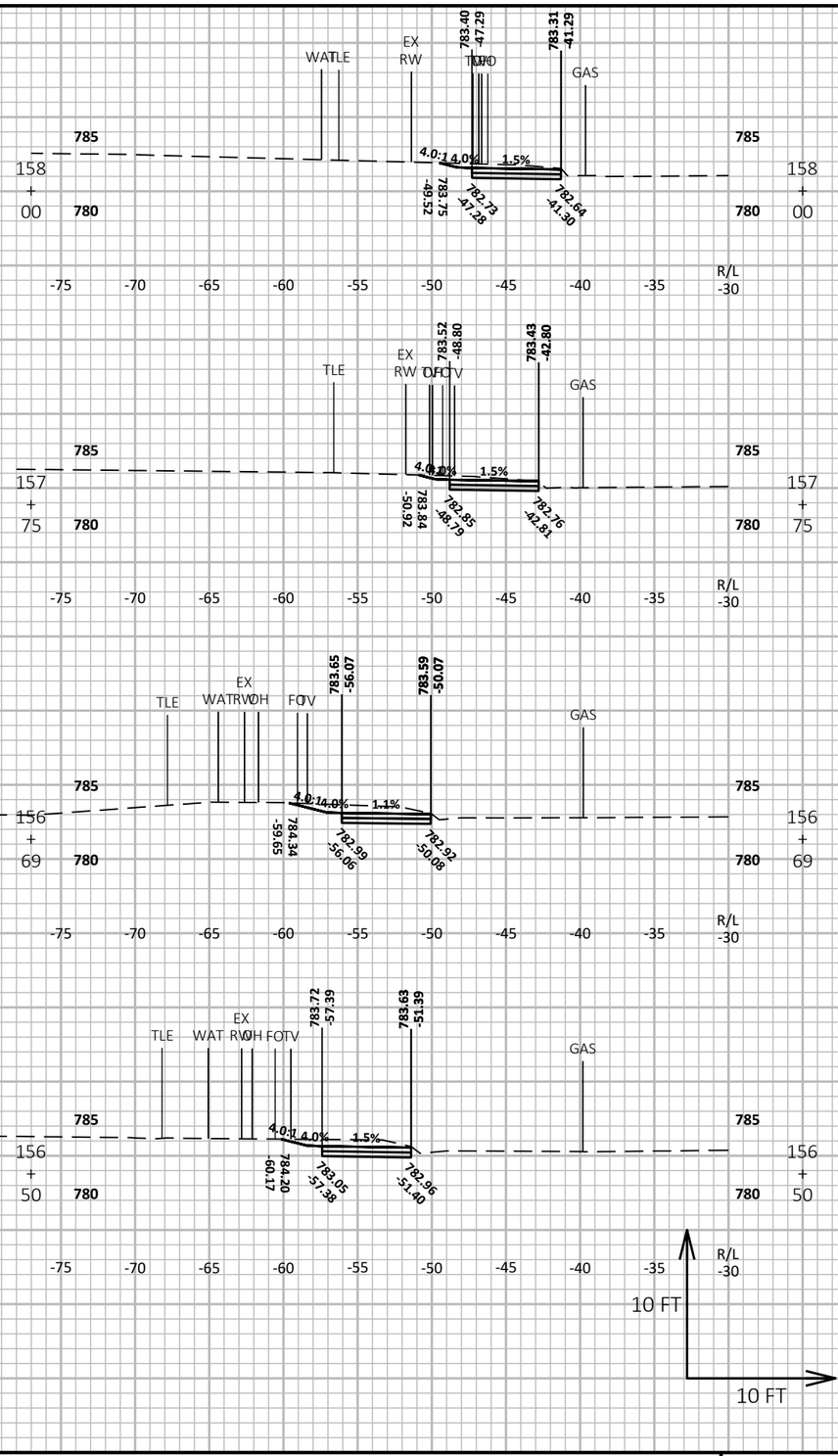
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 443	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090221-xs

PLOT DATE : 11/12/2024 3:18 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

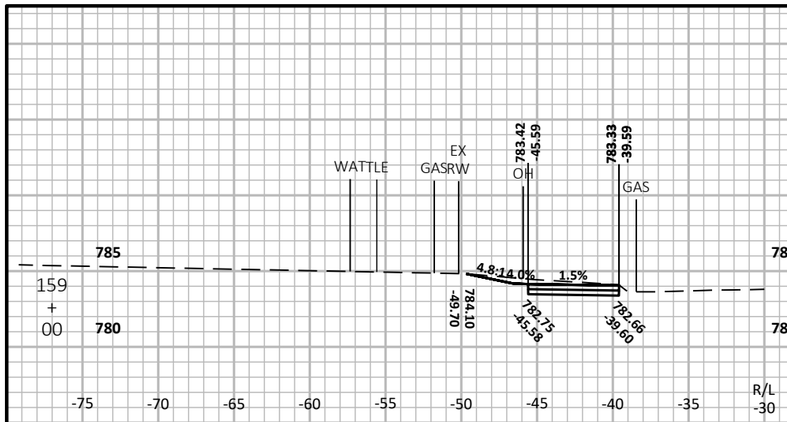
WISDOT/CADDS SHEET 49

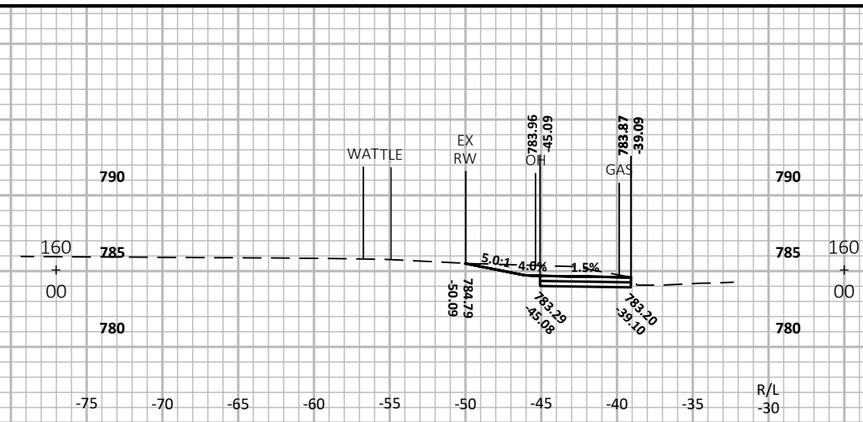


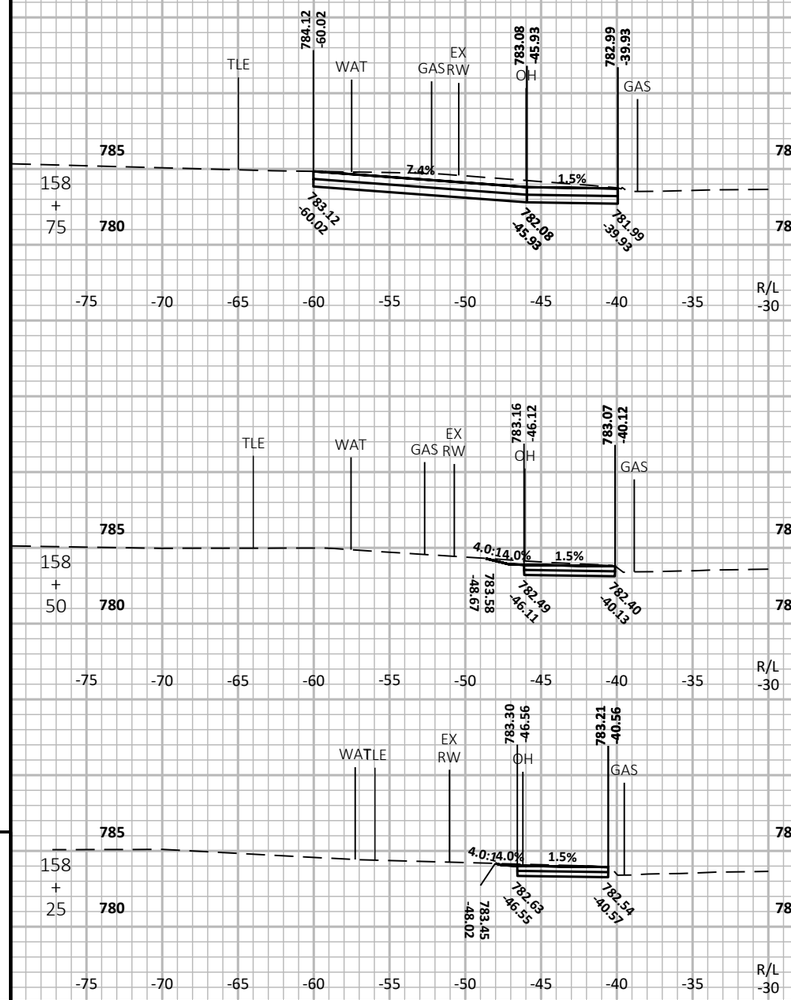


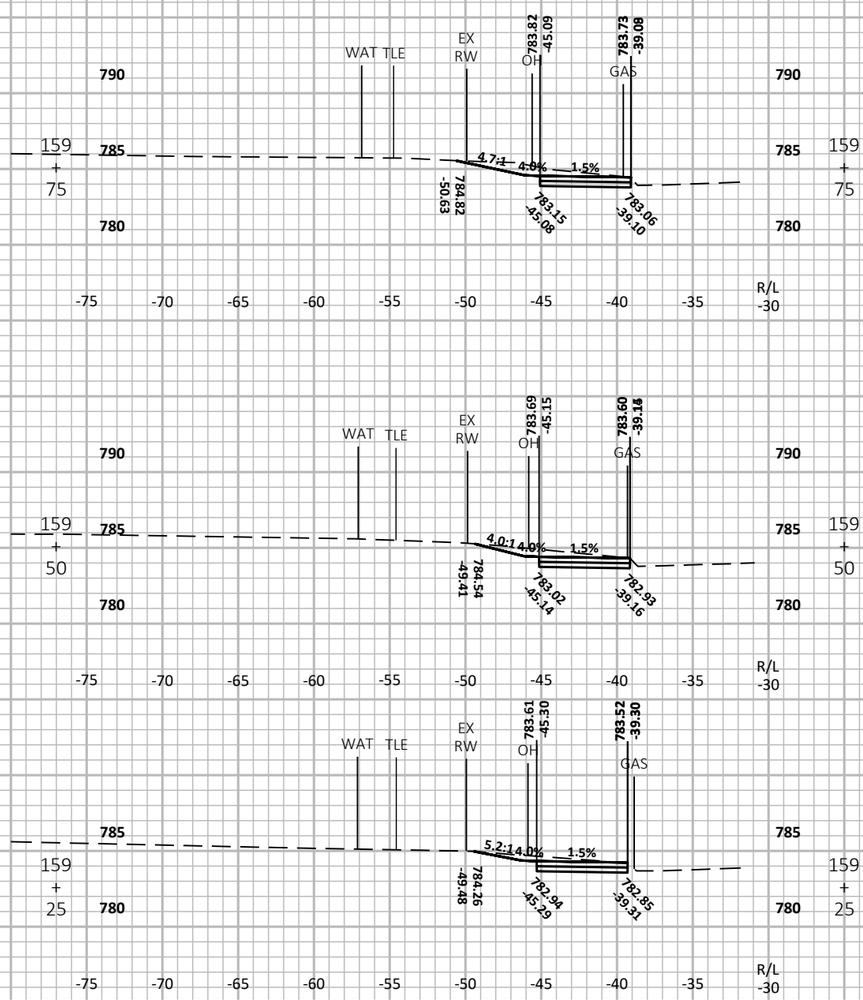
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 444	E

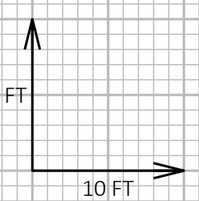
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090222-xs
PLOT DATE : 11/12/2024 3:18 PM
PLOT BY : COREY RAYFORD
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49











9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 445	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090223-xs

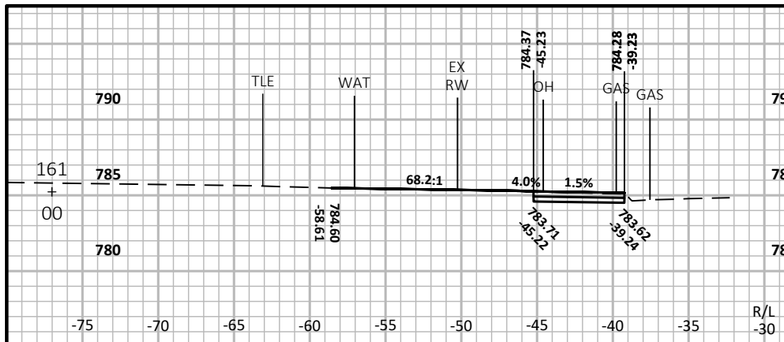
PLOT DATE : 11/12/2024 3:18 PM

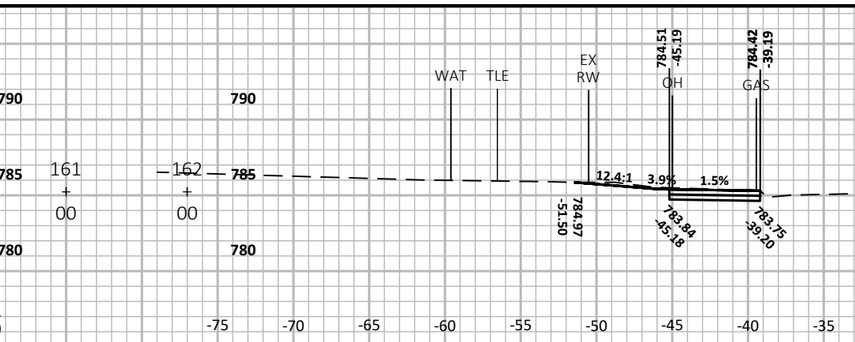
PLOT BY : COREY RAYFORD

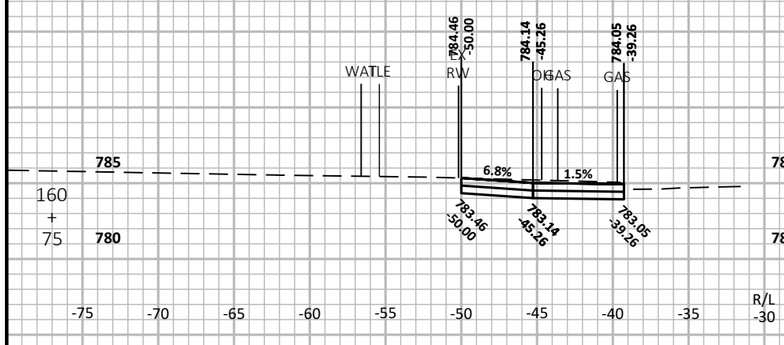
PLOT NAME :

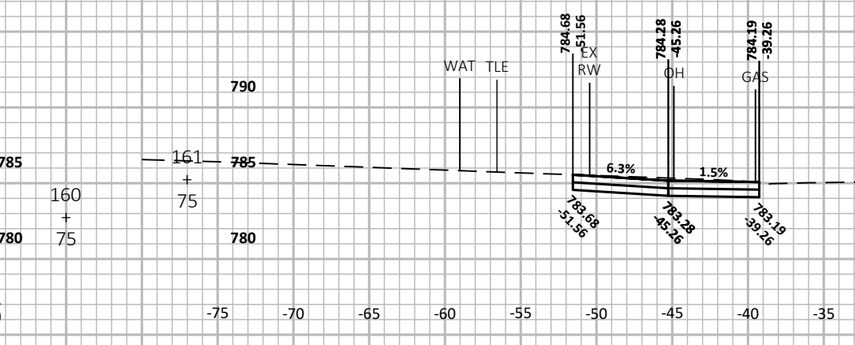
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

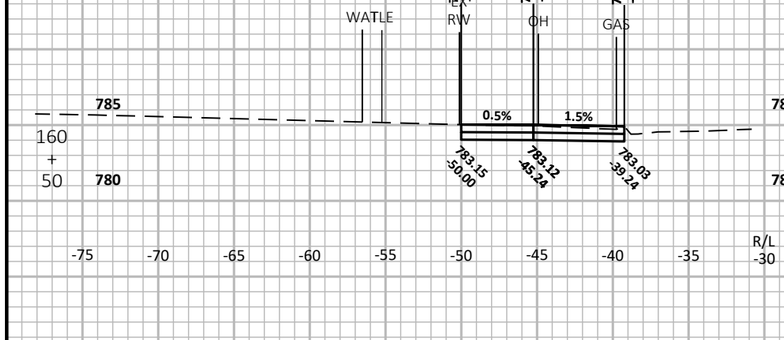
WISDOT/CADDS SHEET 49

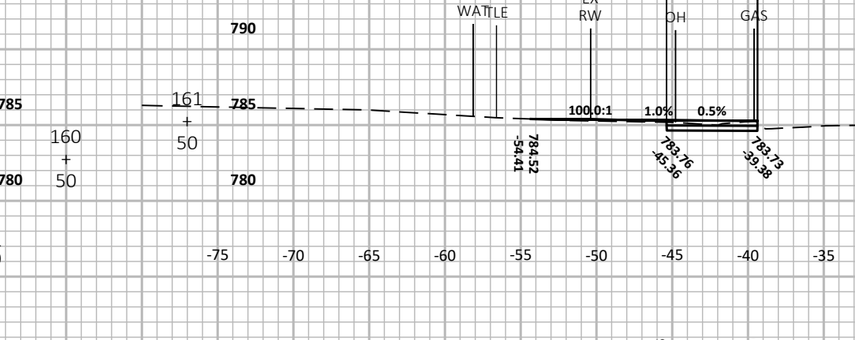


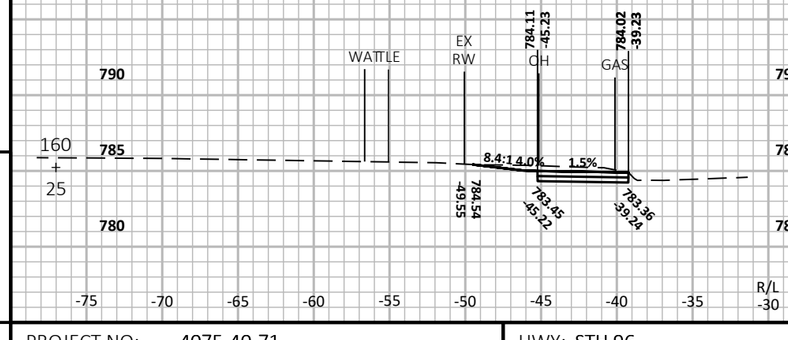


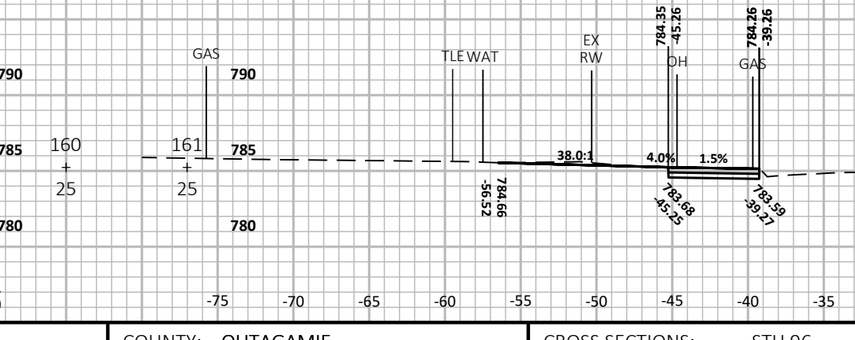


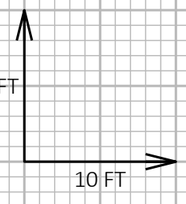












9

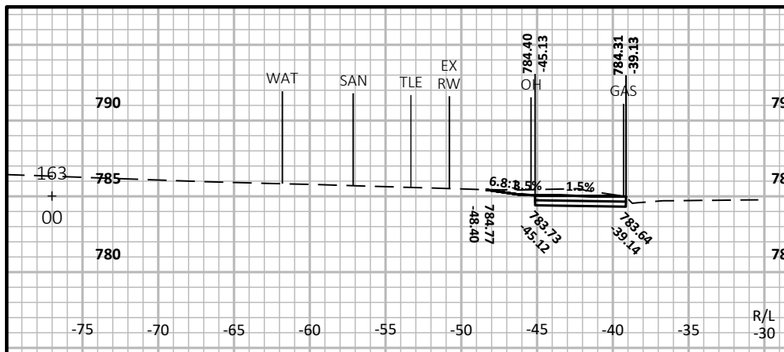
9

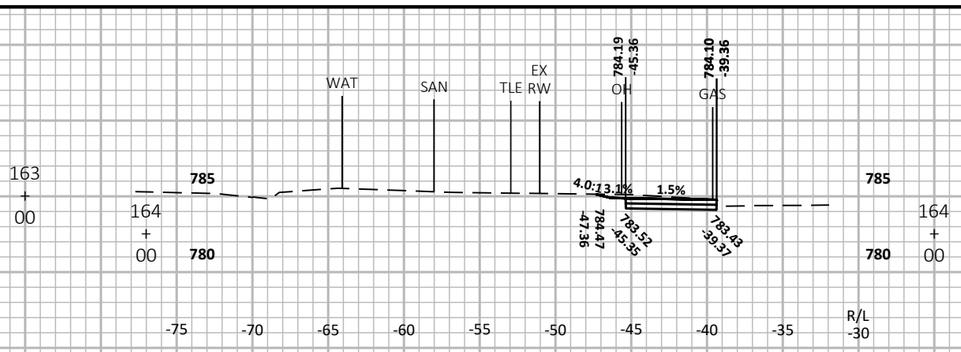
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 446	E

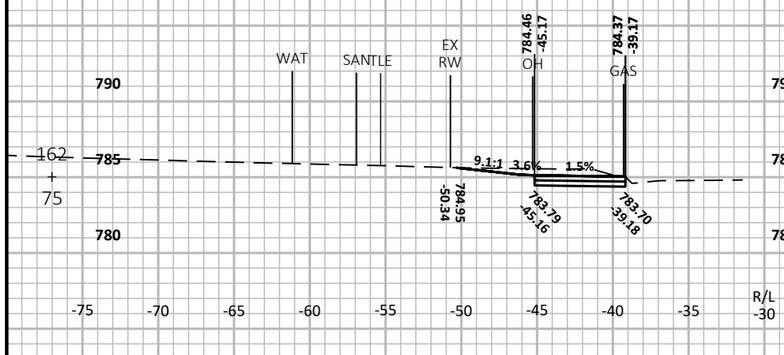
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090224-xs

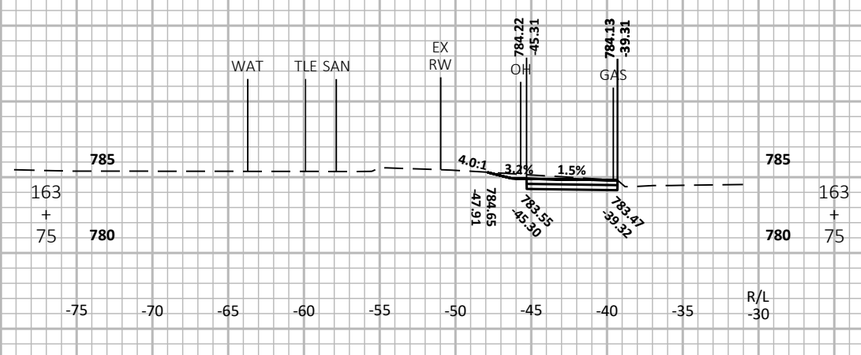
PLOT DATE : 11/12/2024 3:19 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

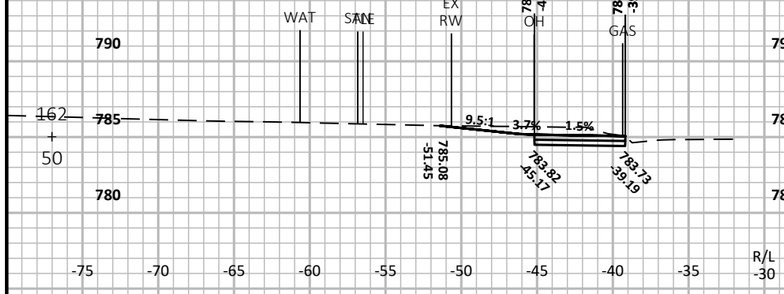
WISDOT/CADDS SHEET 49

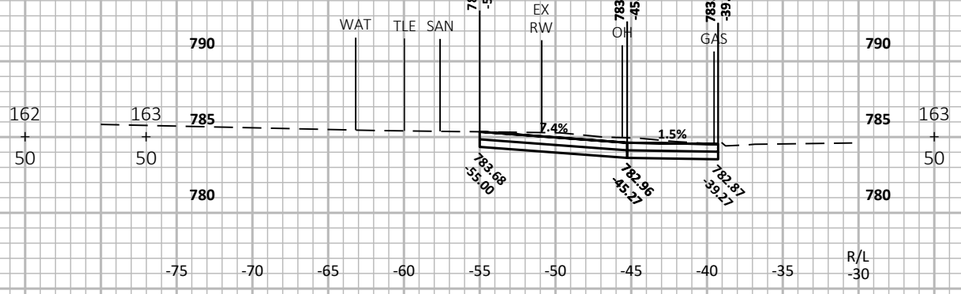


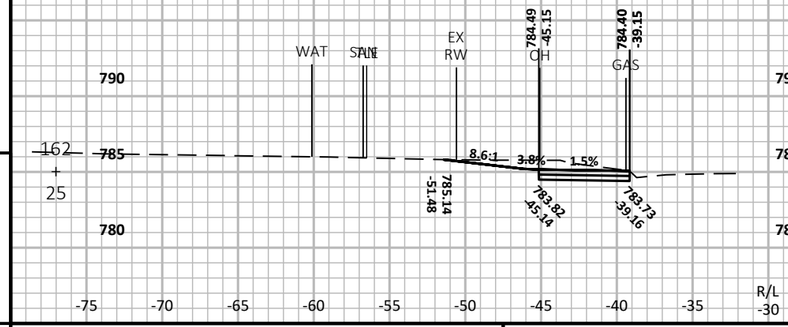


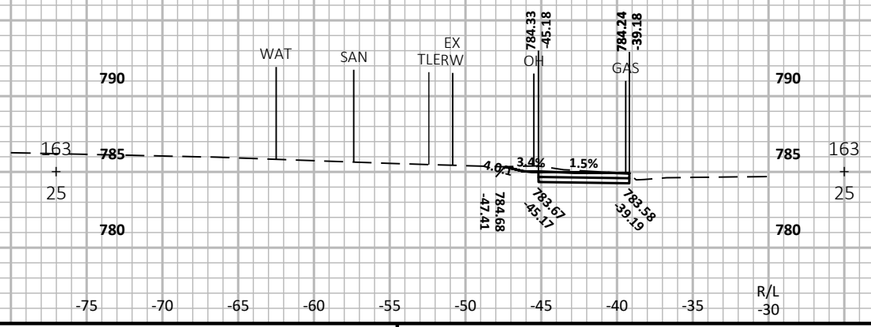


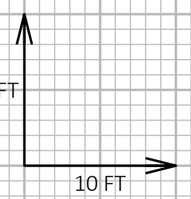












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 447	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090225-xs

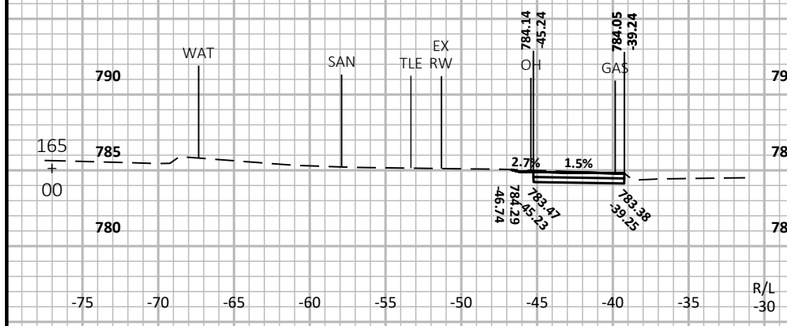
PLOT DATE : 11/12/2024 3:19 PM

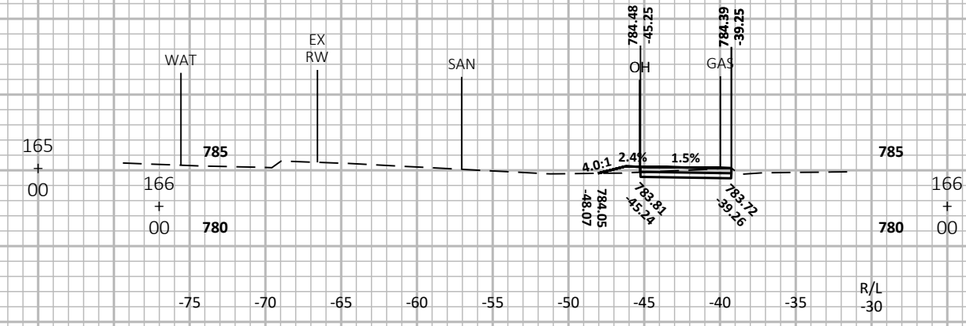
PLOT BY : COREY RAYFORD

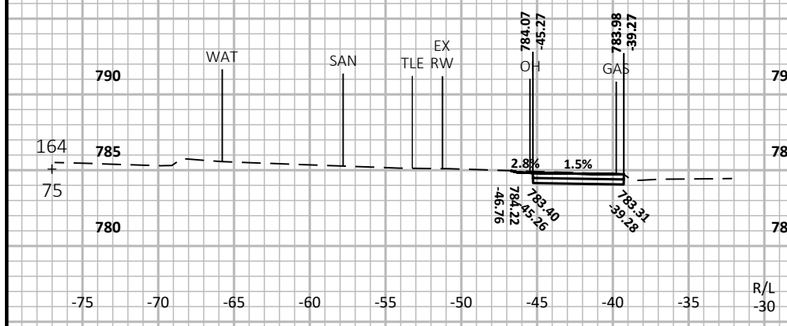
PLOT NAME :

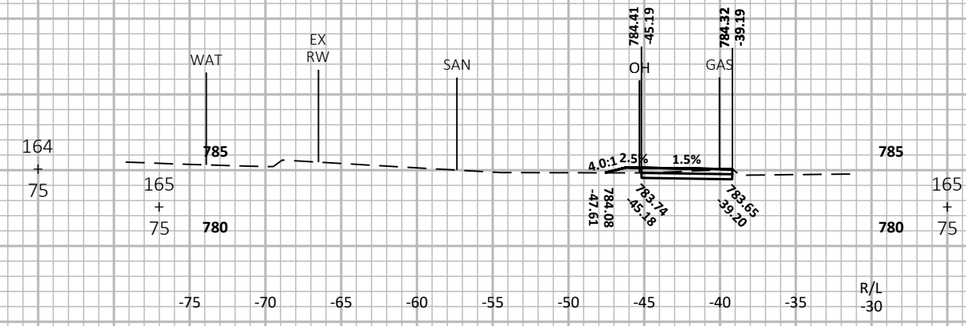
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

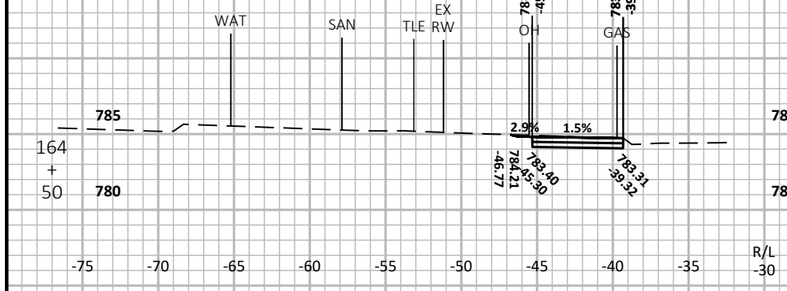
WISDOT/CADDS SHEET 49

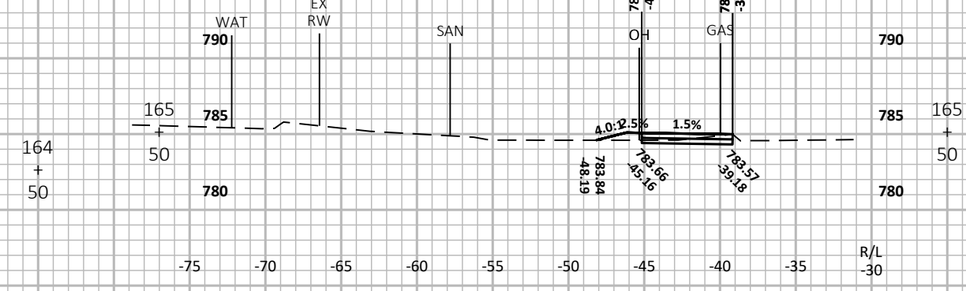


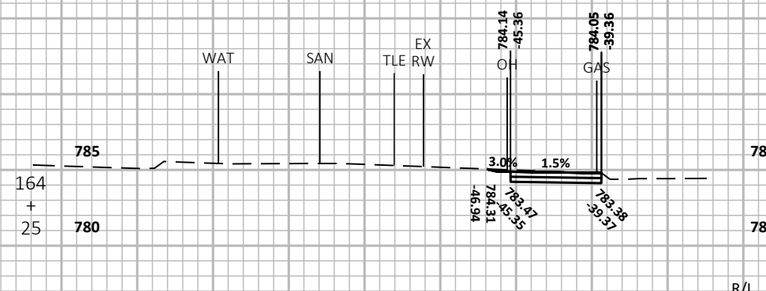


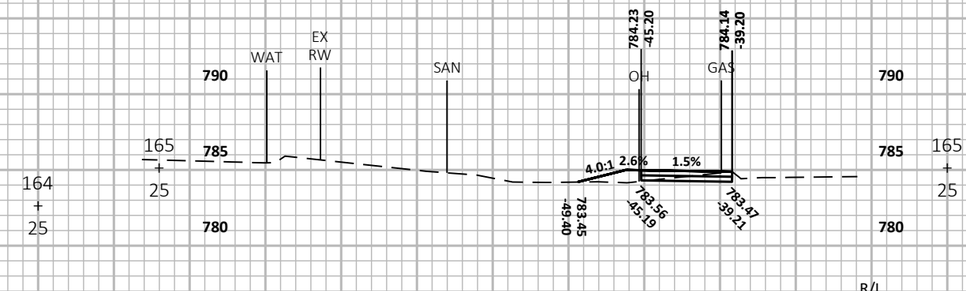


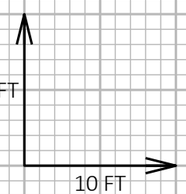










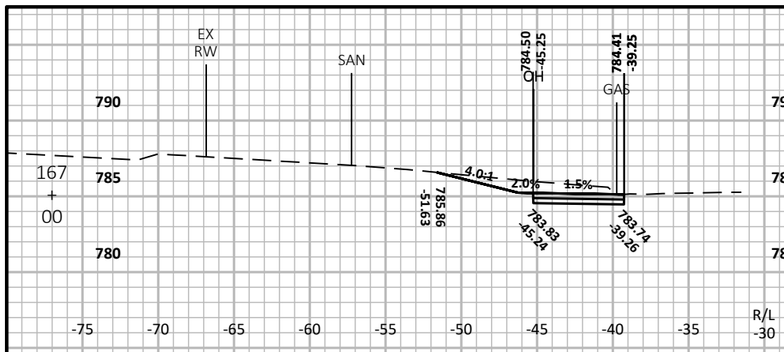


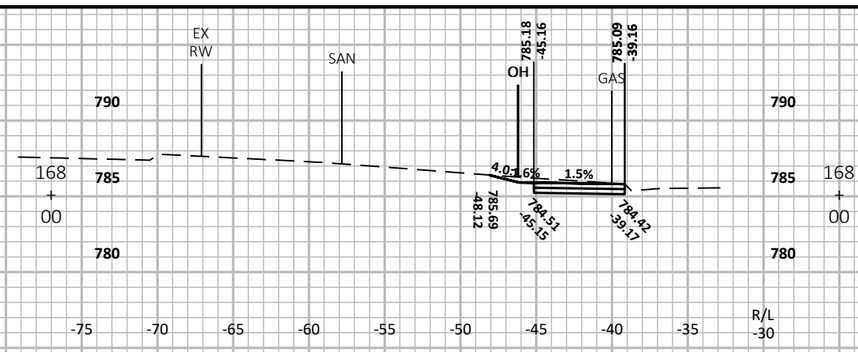
9

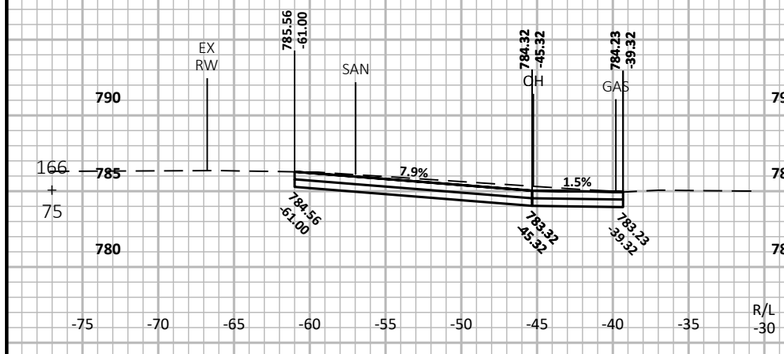
9

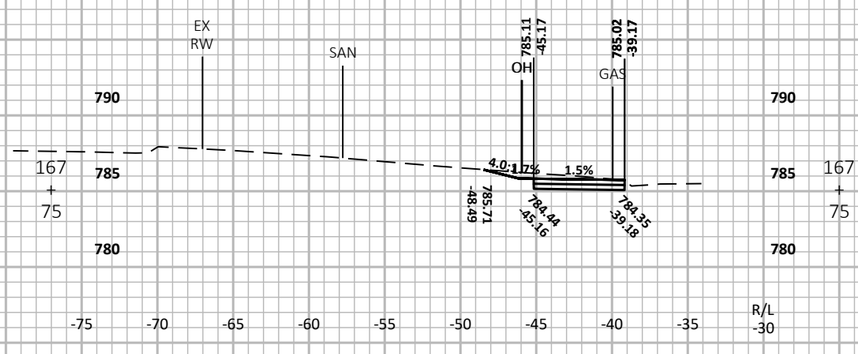
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 448	E

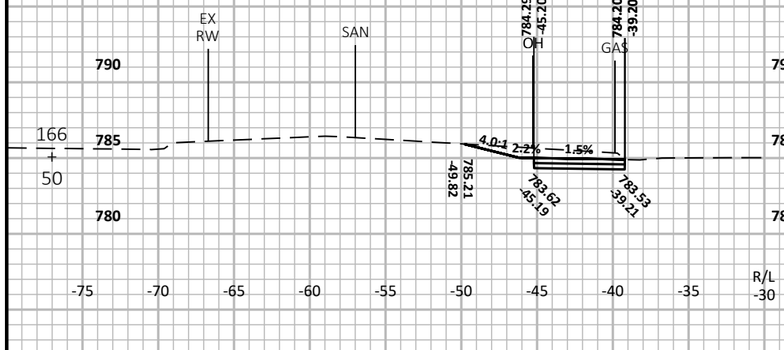
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090226-xs
PLOT DATE : 11/12/2024 3:19 PM
PLOT BY : COREY RAYFORD
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

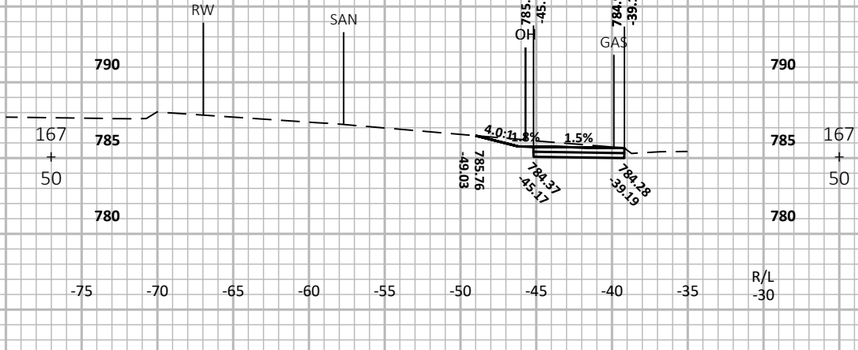


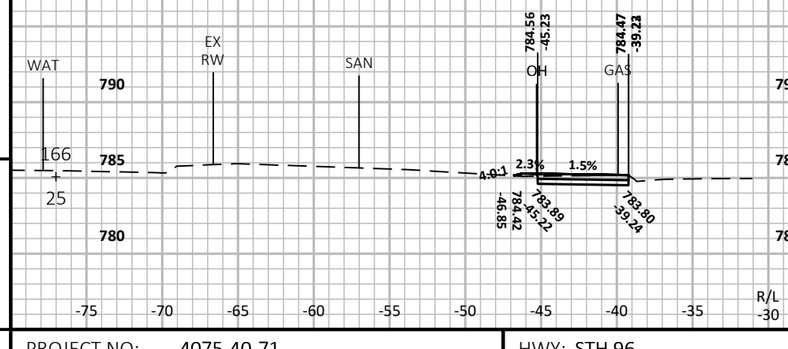


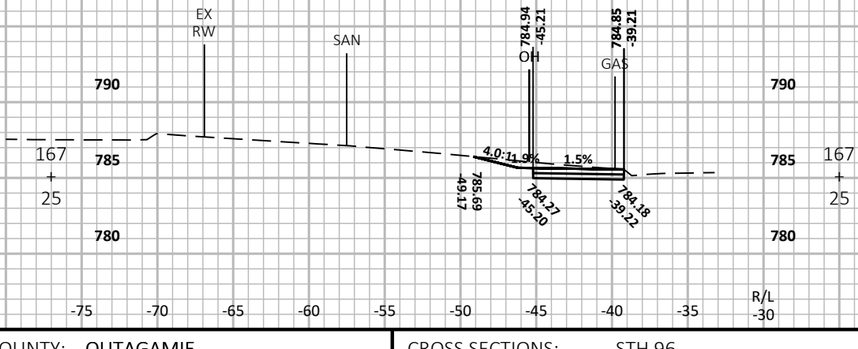


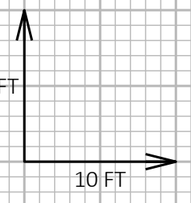












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 449	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090227-xs

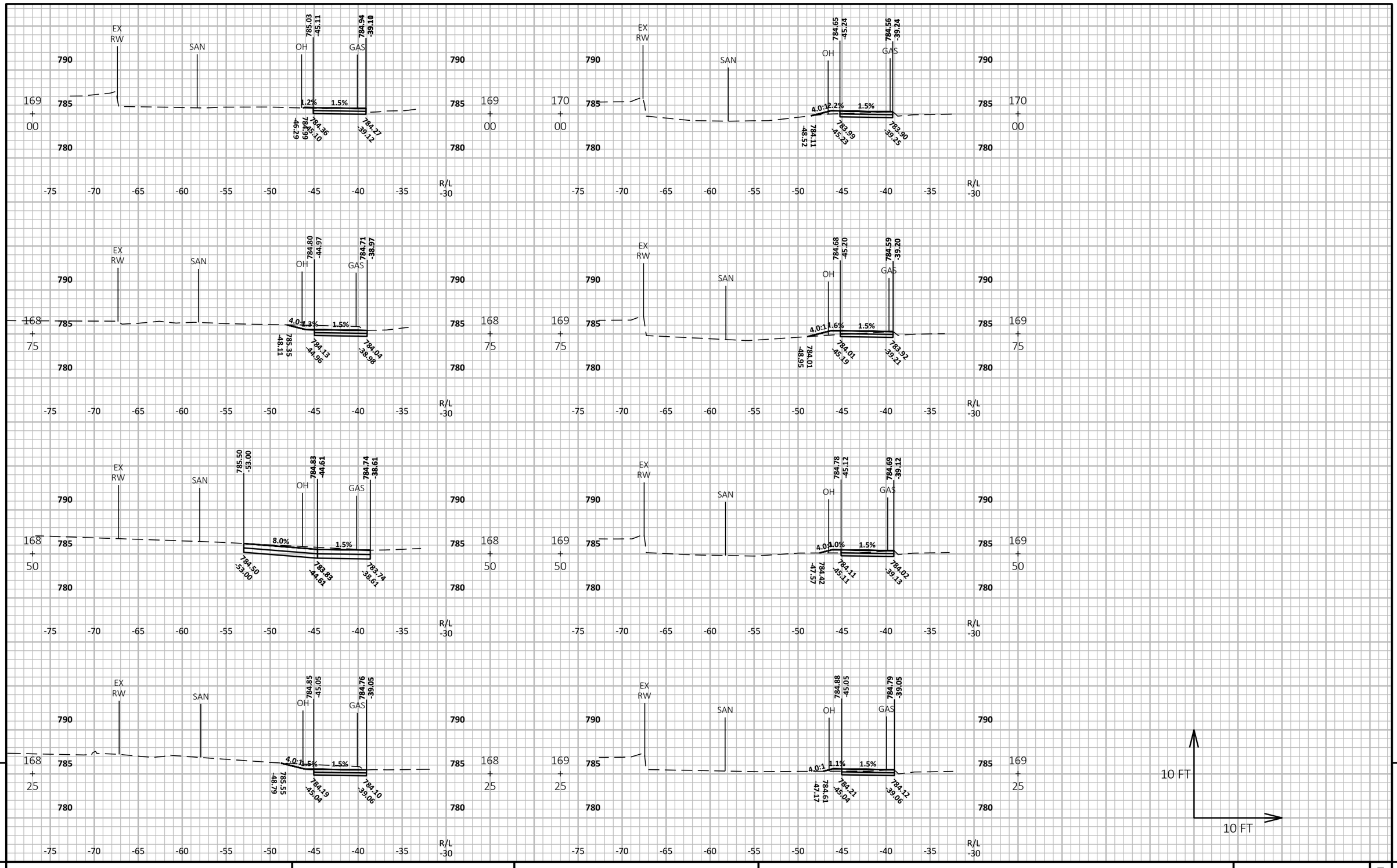
PLOT DATE : 11/12/2024 3:19 PM

PLOT BY : COREY RAYFORD

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	SHEET 450	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090228-xs

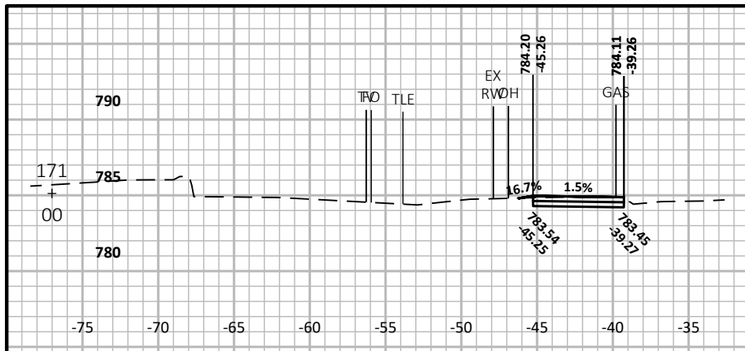
PLOT DATE : 11/12/2024 3:19 PM

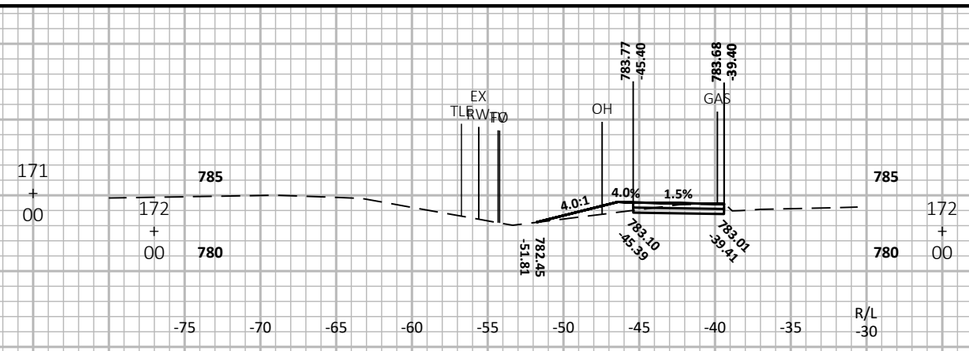
PLOT BY : COREY RAYFORD

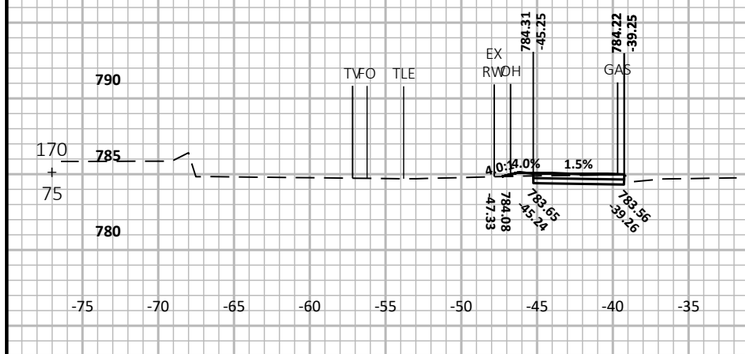
PLOT NAME :

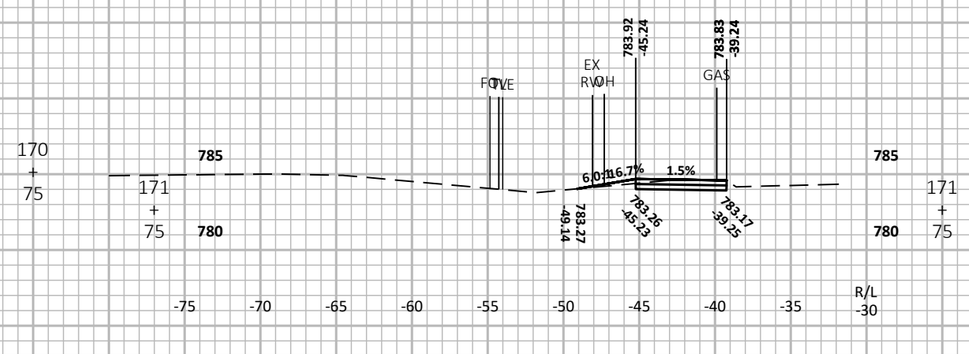
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

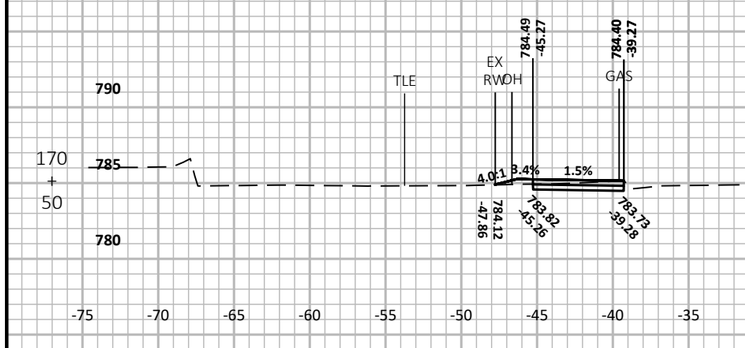
WISDOT/CADDS SHEET 49

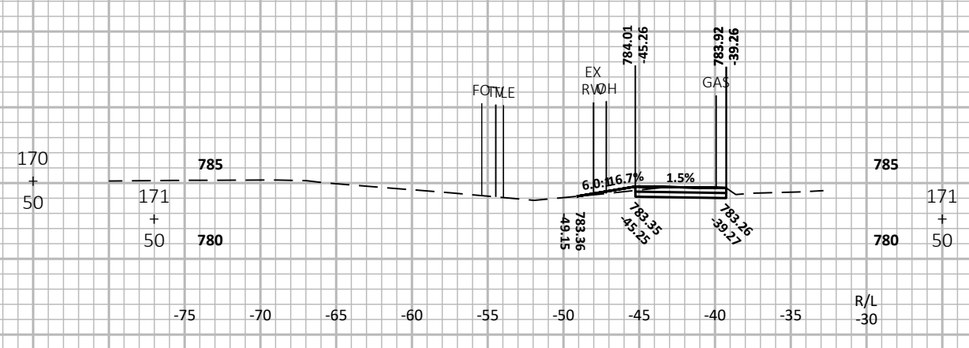


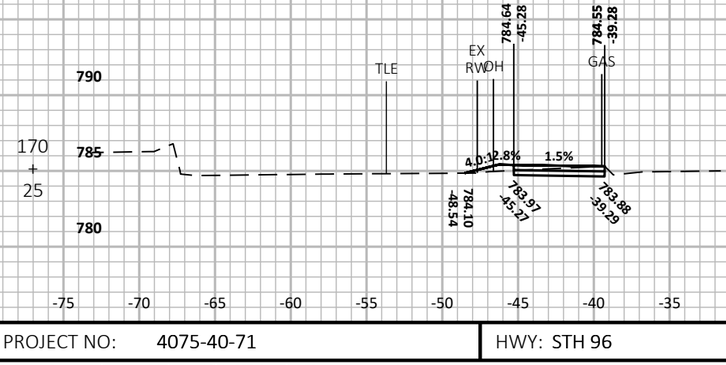


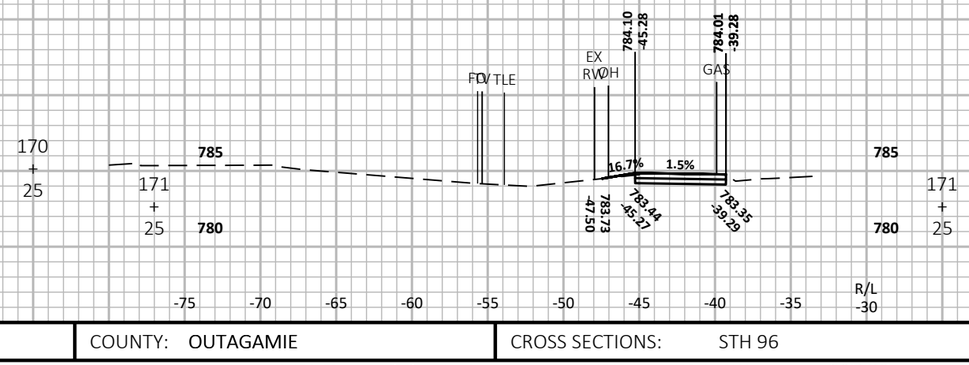


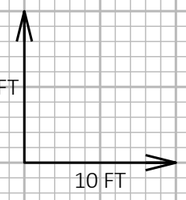












9

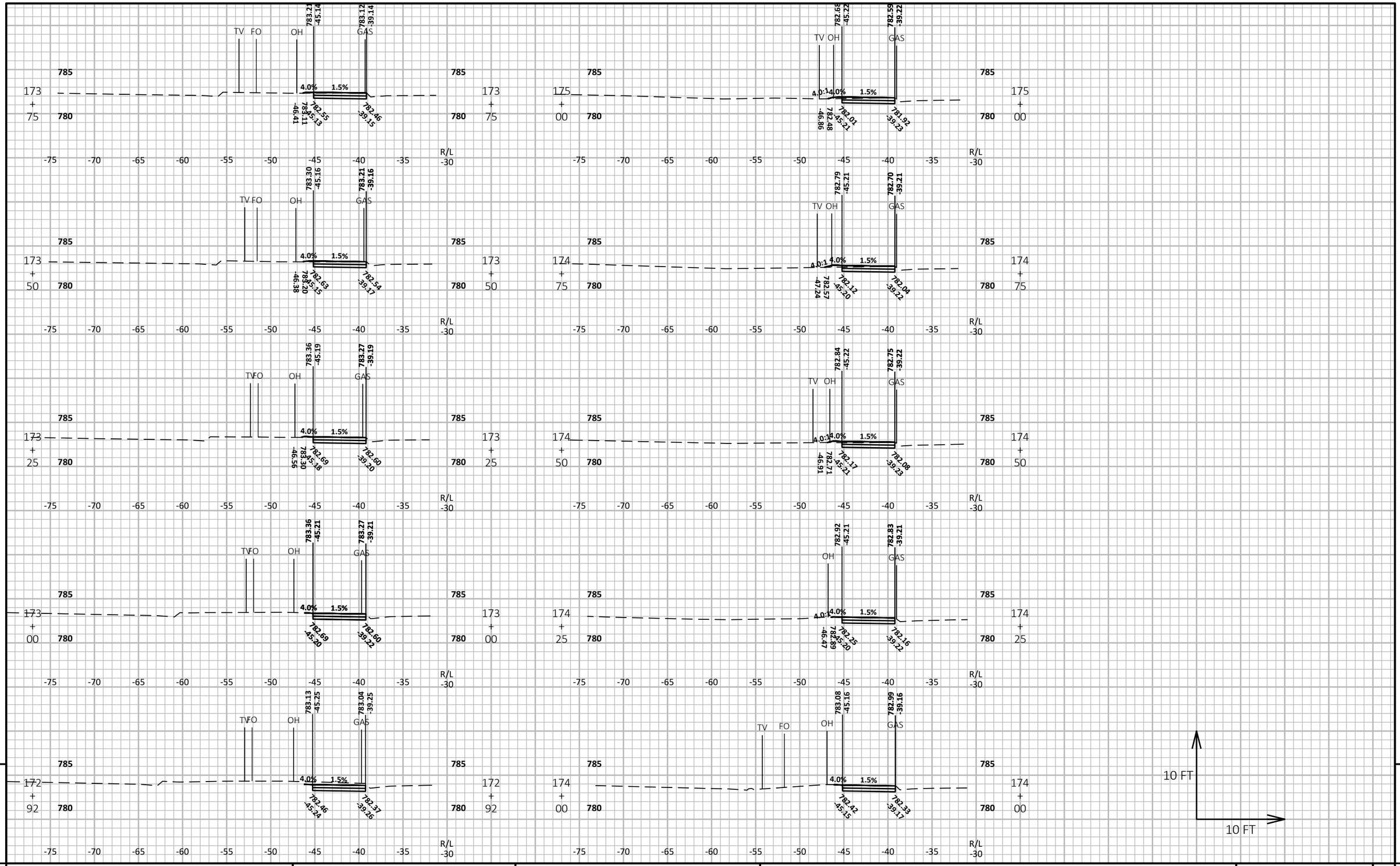
9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 451	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090229-xs

PLOT DATE : 11/12/2024 3:19 PM PLOT BY : COREY RAYFORD 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	SHEET 452	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090230-xs

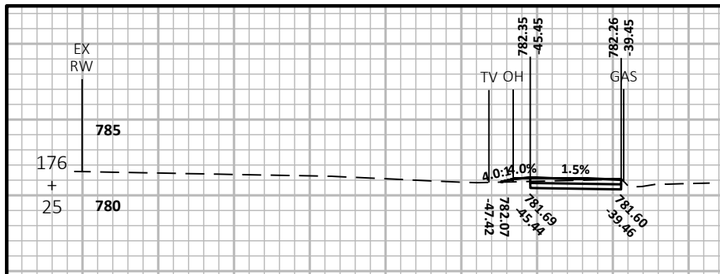
PLOT DATE : 11/12/2024 3:20 PM

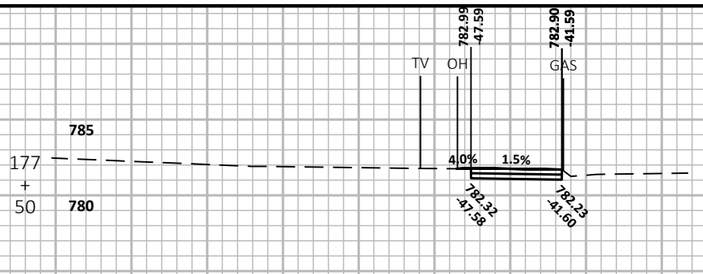
PLOT BY : COREY RAYFORD

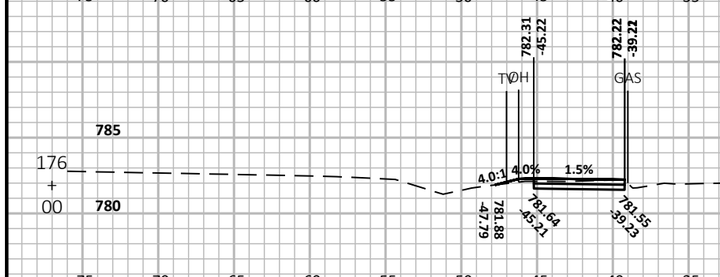
PLOT NAME :

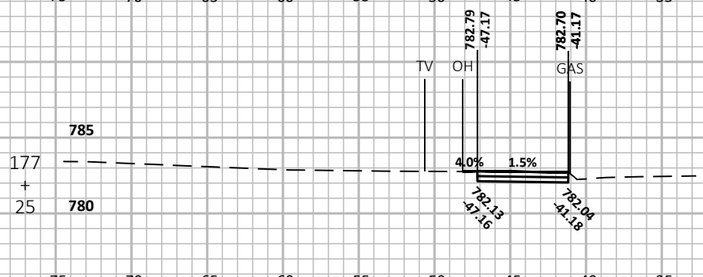
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

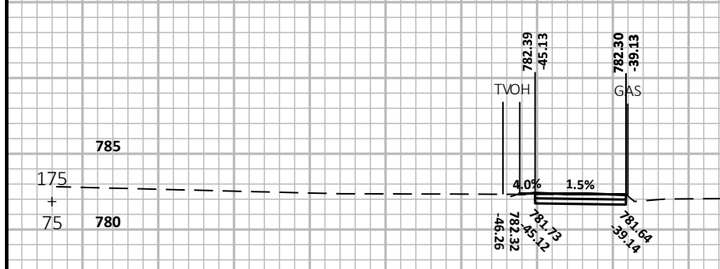
WISDOT/CADDS SHEET 49

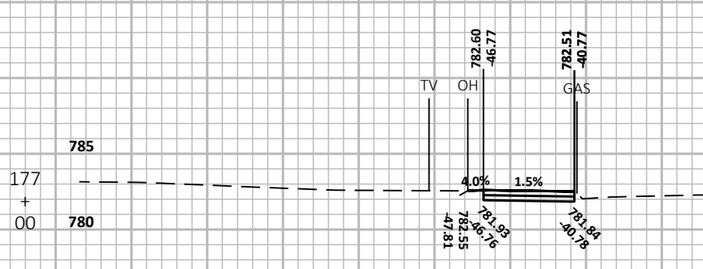


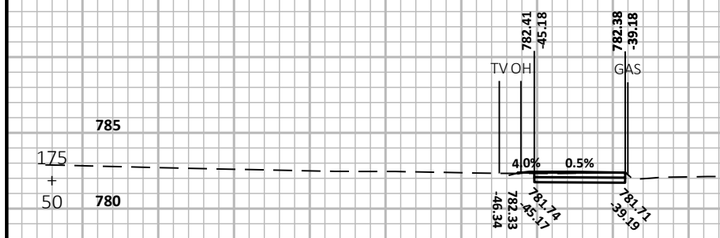


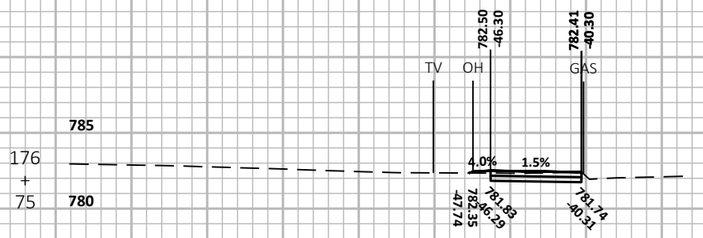


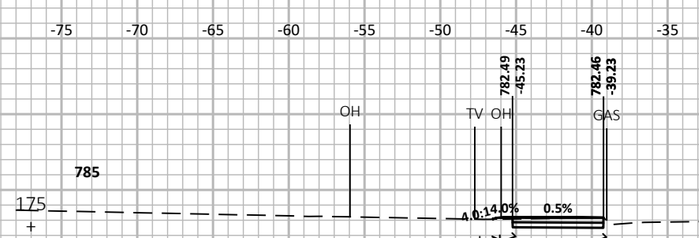


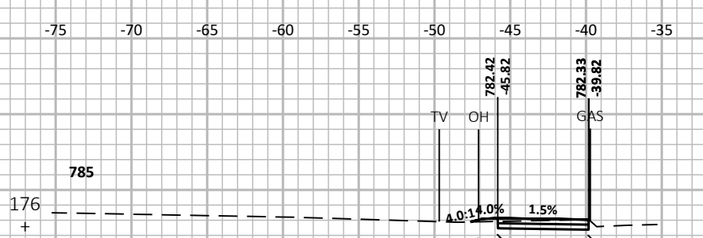


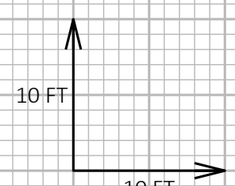












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 453	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090231-xs

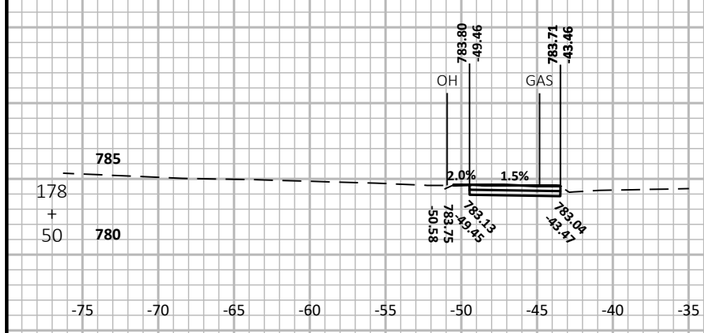
PLOT DATE : 11/12/2024 3:20 PM

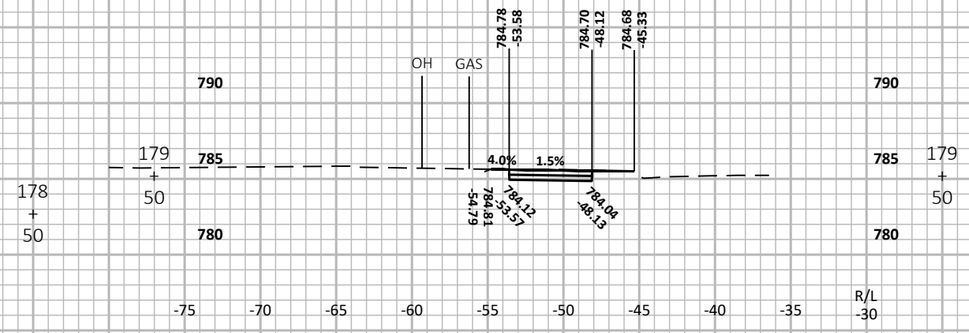
PLOT BY : COREY RAYFORD

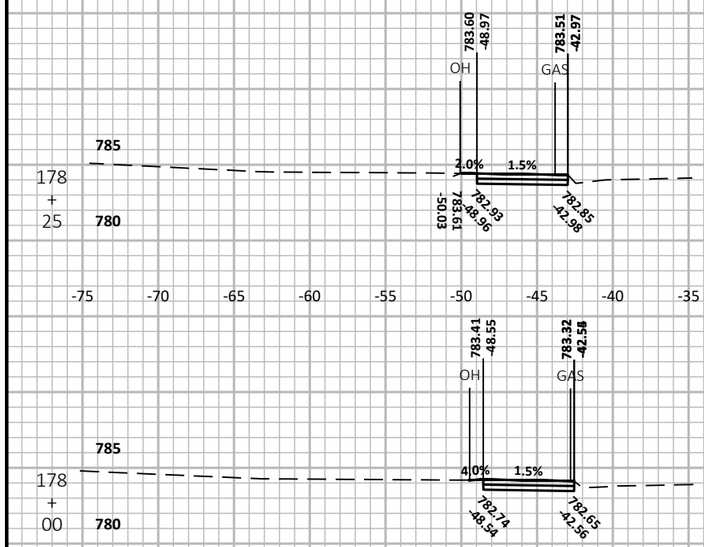
PLOT NAME :

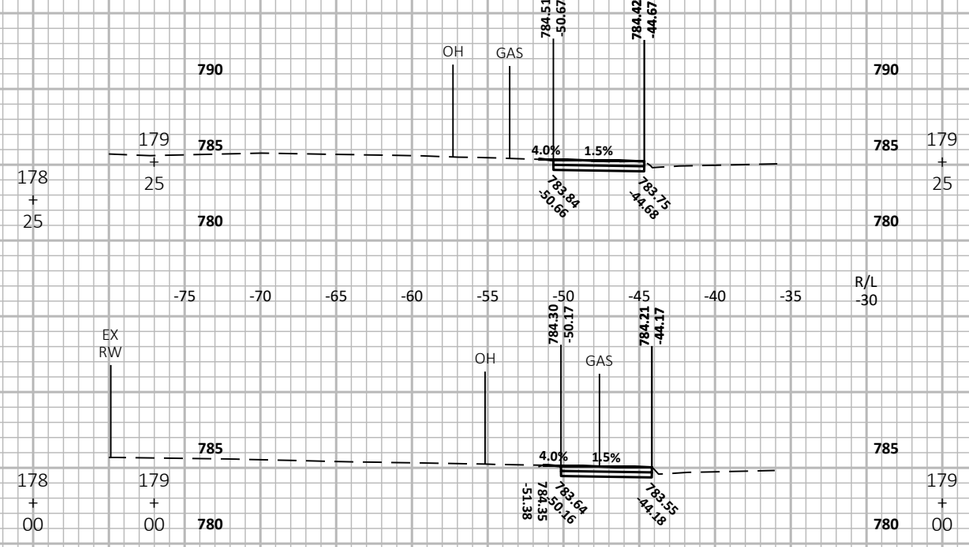
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

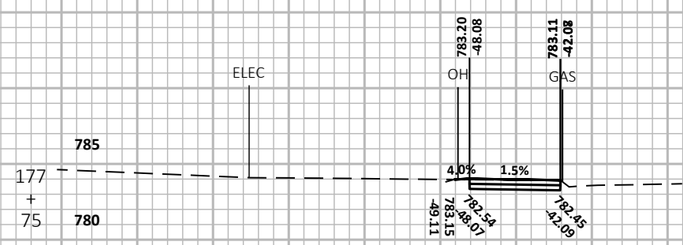
WISDOT/CADDS SHEET 49















9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 454	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090232-xs

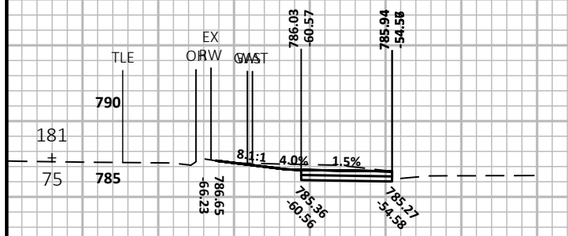
PLOT DATE : 11/12/2024 3:20 PM

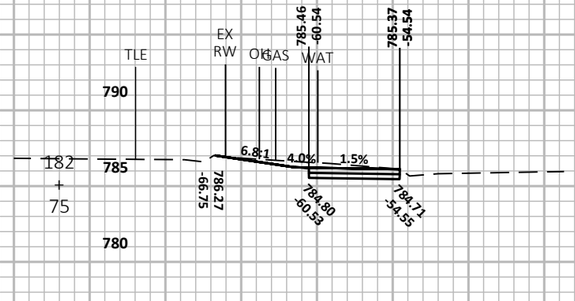
PLOT BY : COREY RAYFORD

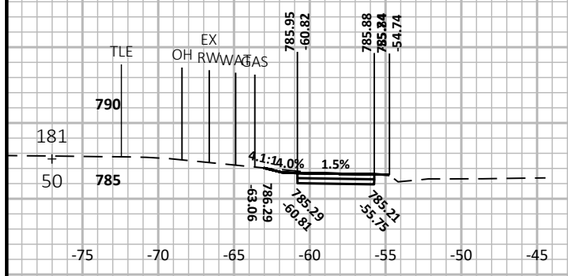
PLOT NAME :

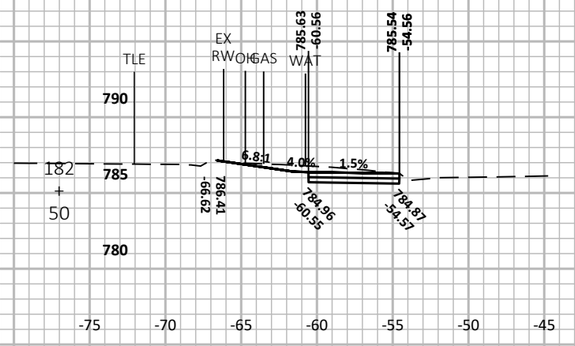
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

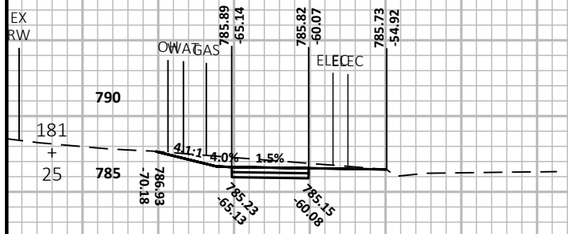
WISDOT/CADDS SHEET 49



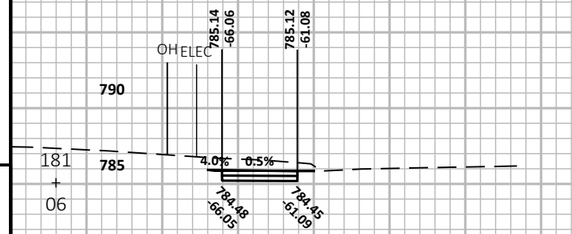


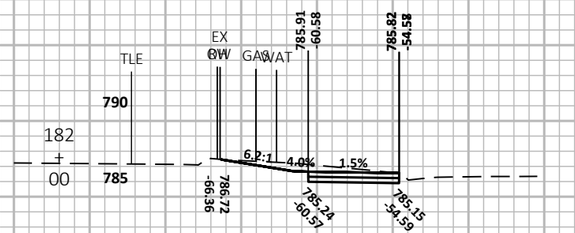














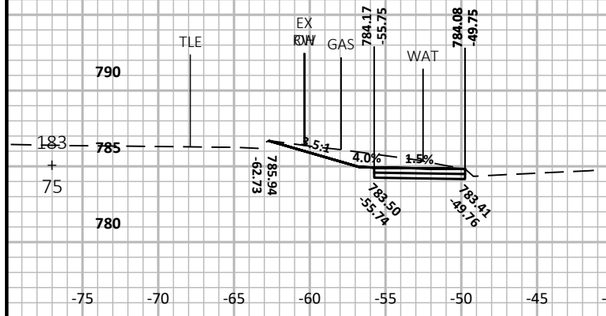
9 9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 455	E

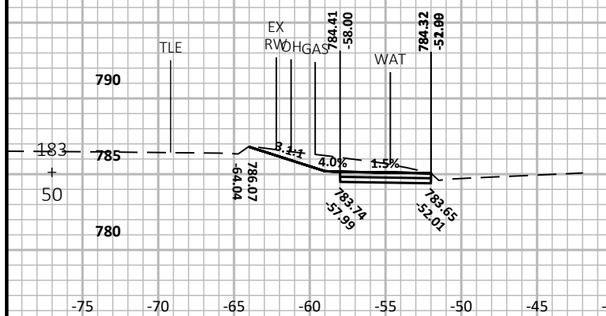
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090233-xs

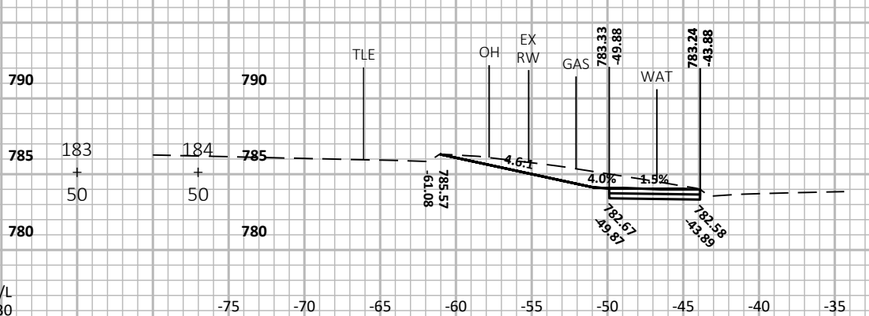
PLOT DATE : 11/12/2024 3:20 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

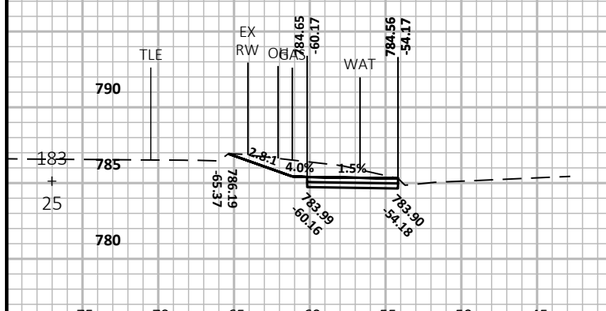
WISDOT/CADDS SHEET 49

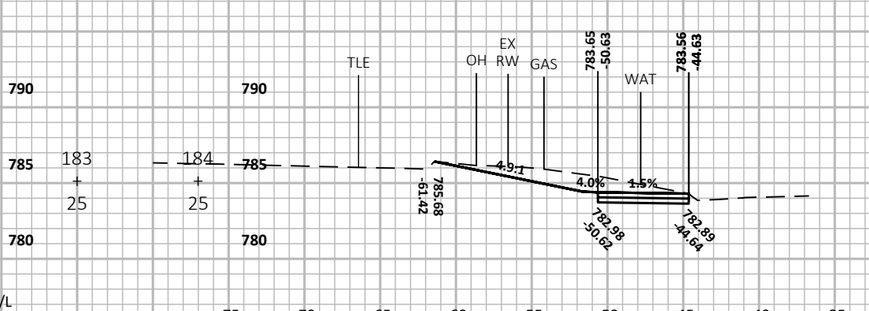


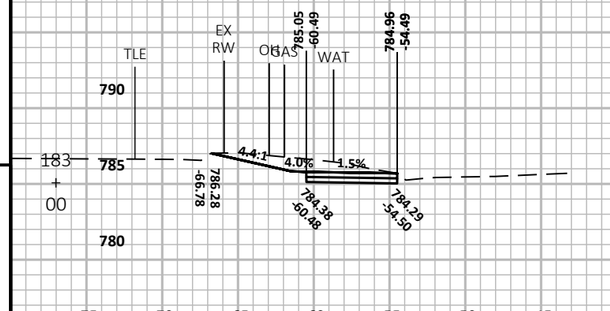


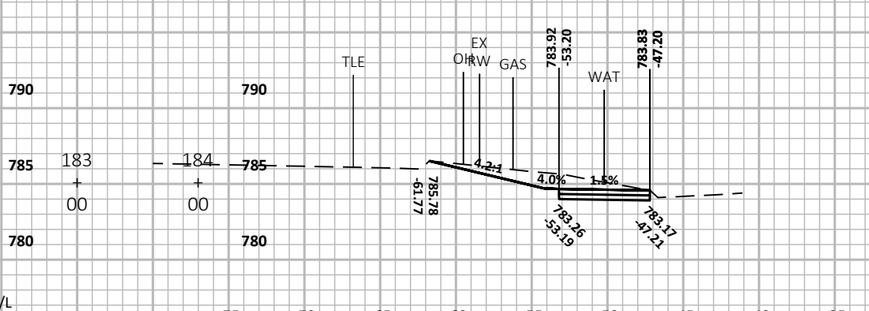














9

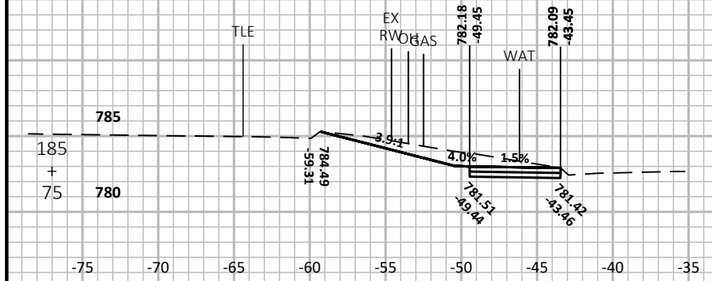
9

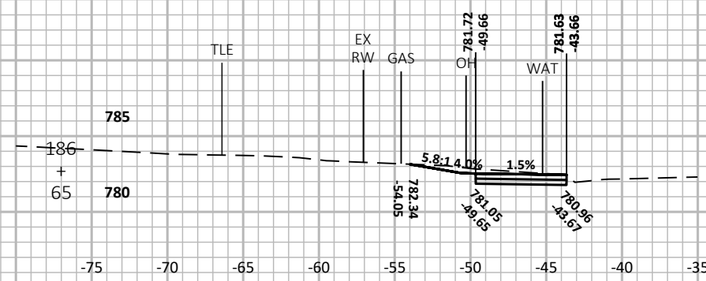
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 456	E

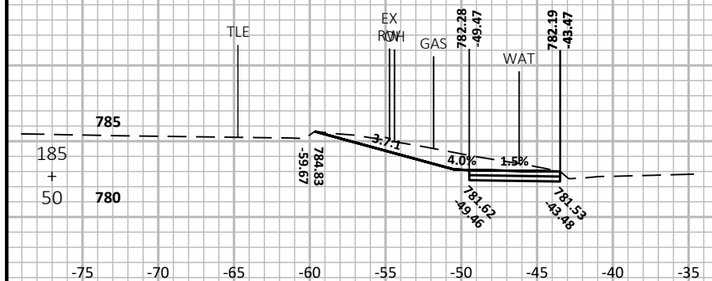
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090234-xs

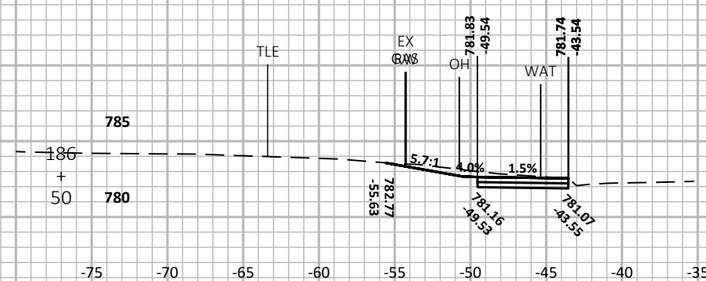
PLOT DATE : 11/12/2024 3:20 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

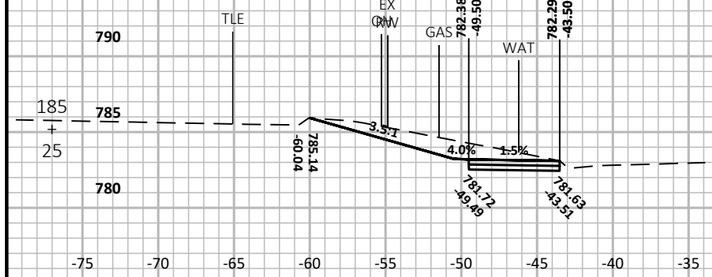
WISDOT/CADDS SHEET 49



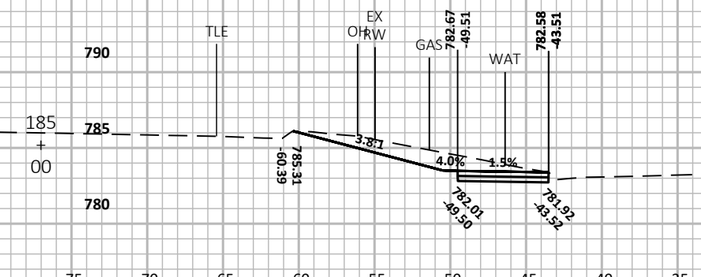




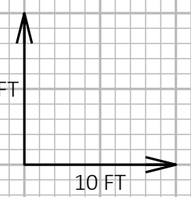












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 457	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090235-xs

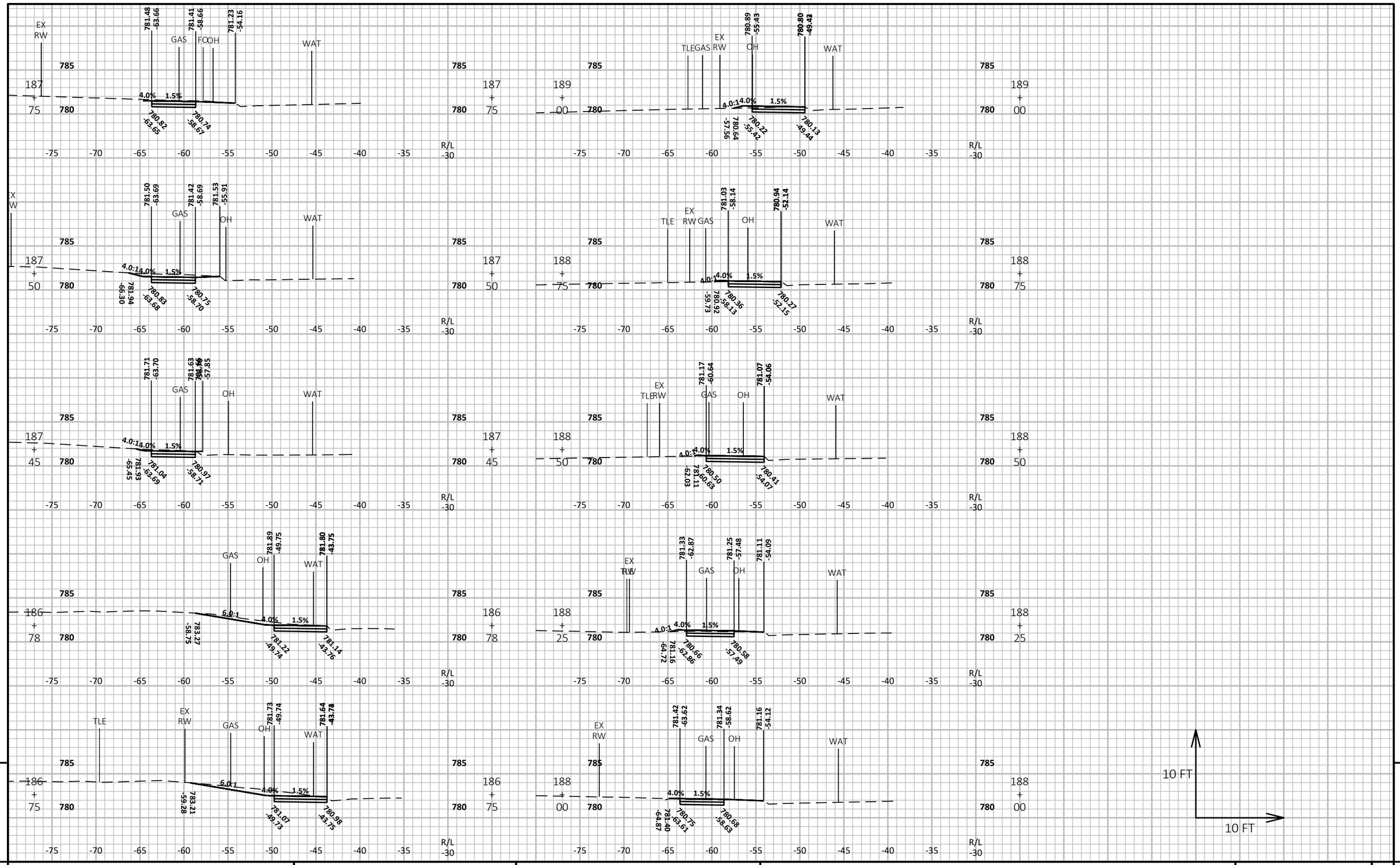
PLOT DATE : 11/12/2024 3:20 PM

PLOT BY : COREY RAYFORD

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

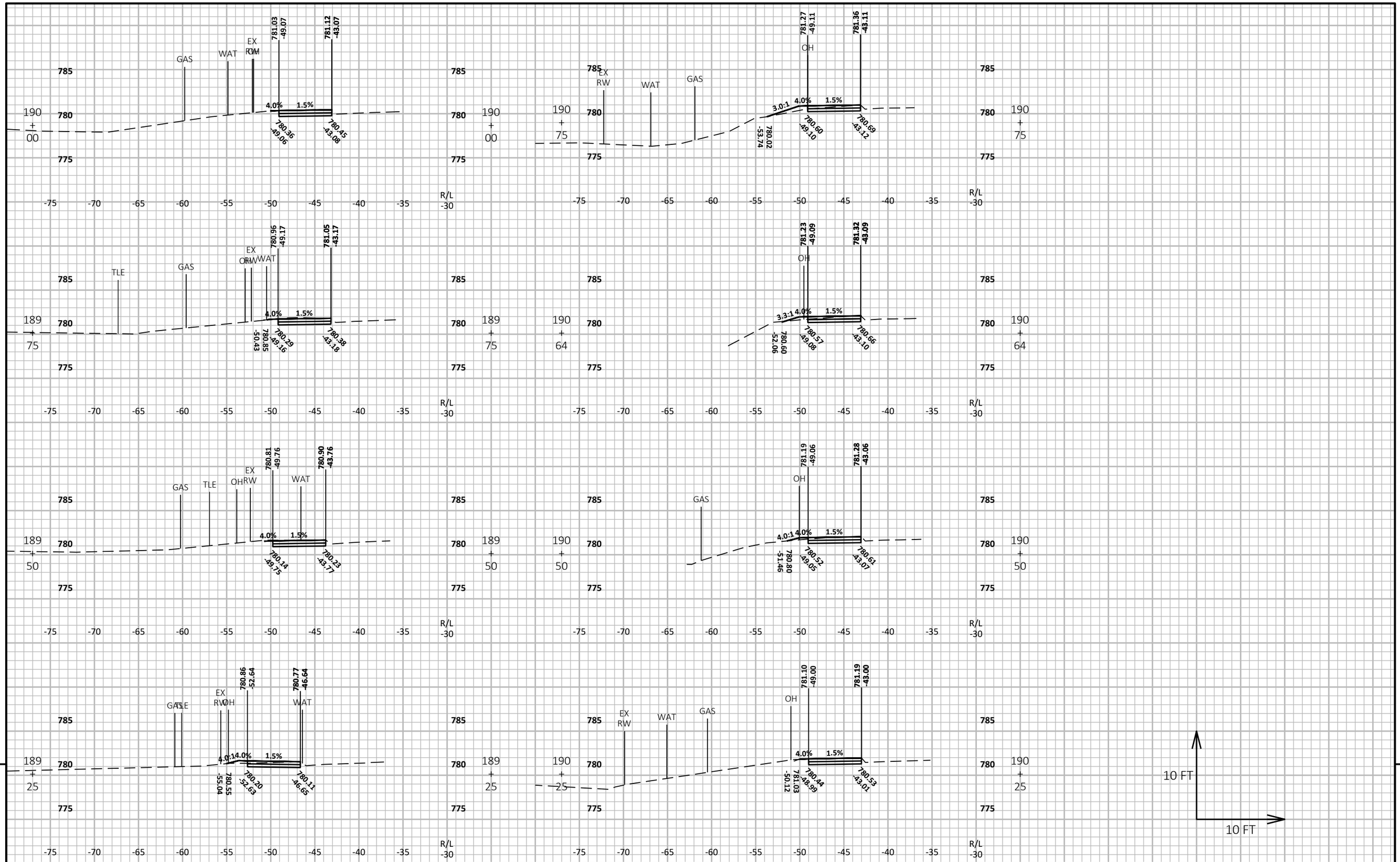
9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 458	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090236-xs

PLOT DATE : 11/12/2024 3:21 PM PLOT BY : COREY RAYFORD 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	SHEET 459	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090237-xs

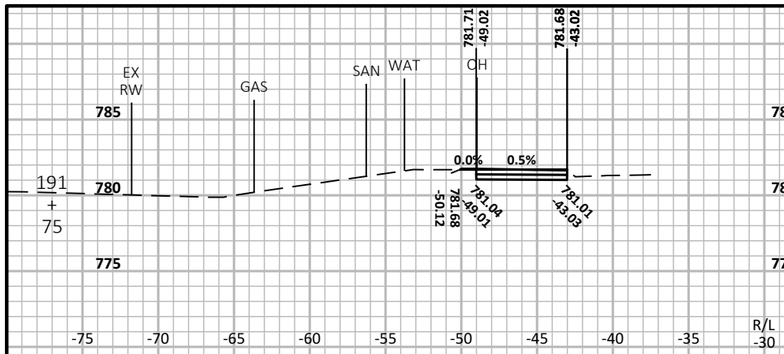
PLOT DATE : 11/12/2024 3:38 PM

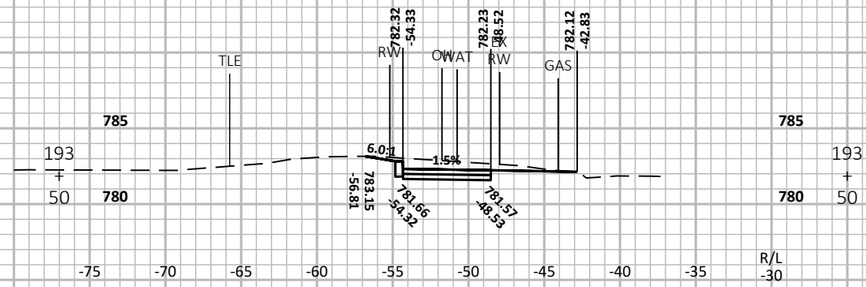
PLOT BY : COREY RAYFORD

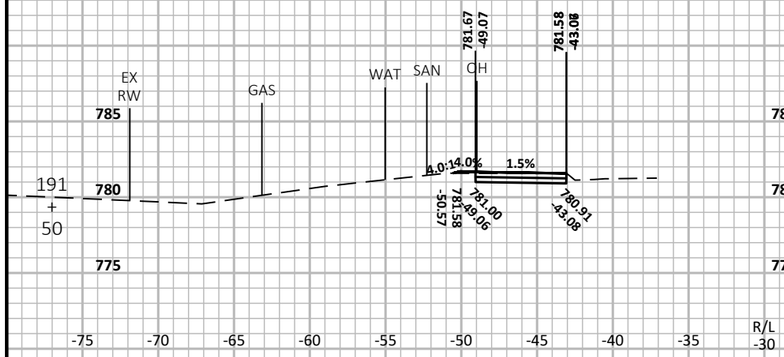
PLOT NAME :

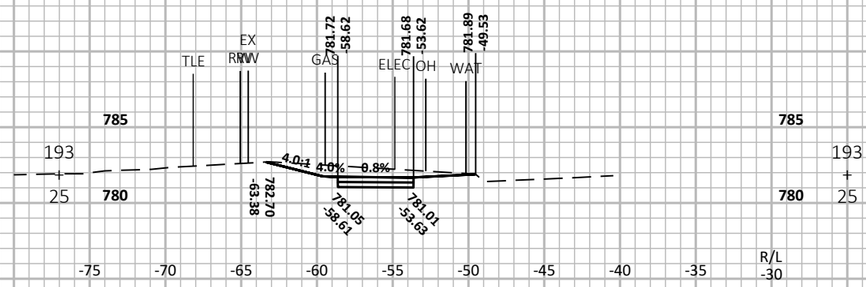
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

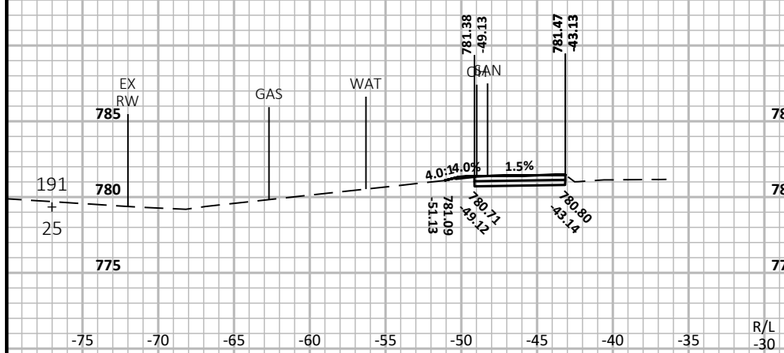
WISDOT/CADDS SHEET 49

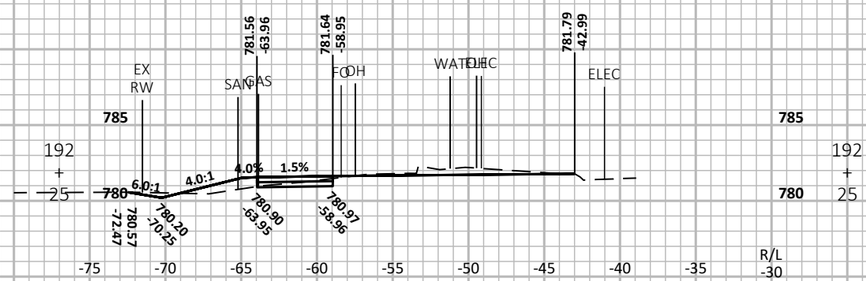


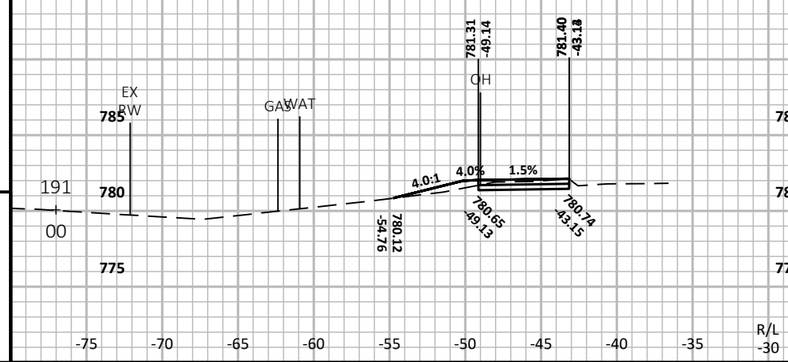


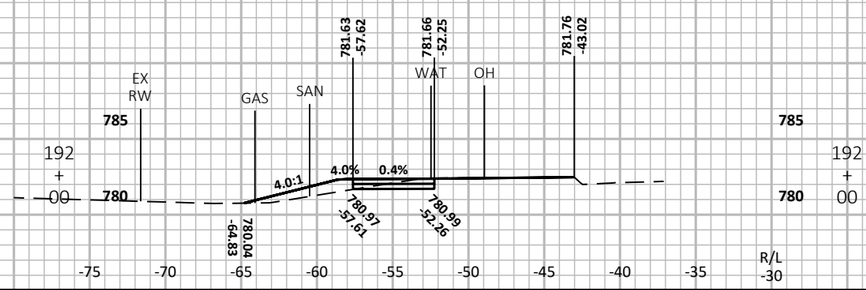


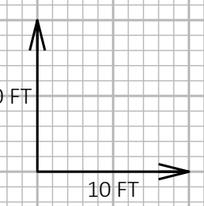












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 460	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090238-xs

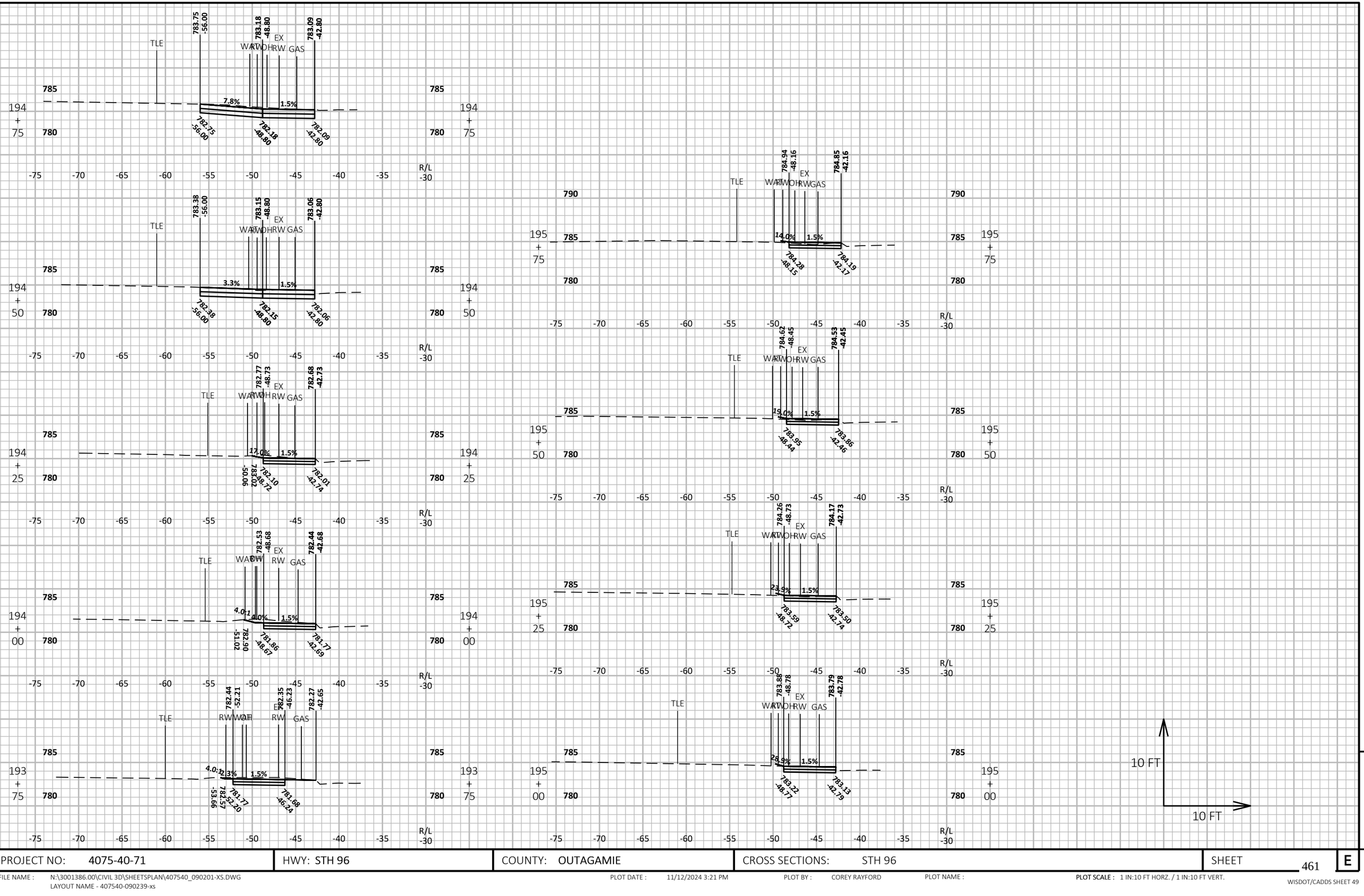
PLOT DATE : 11/12/2024 3:21 PM

PLOT BY : COREY RAYFORD

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

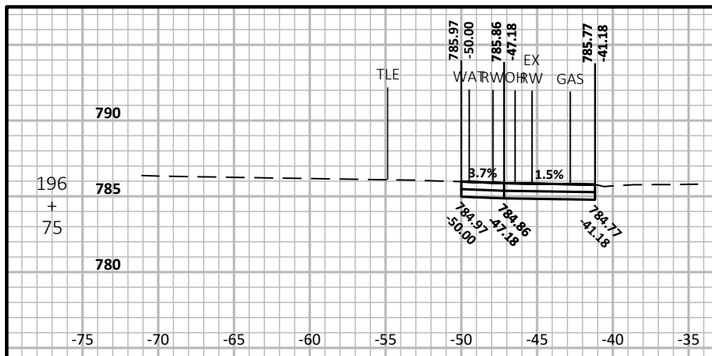
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 461	E

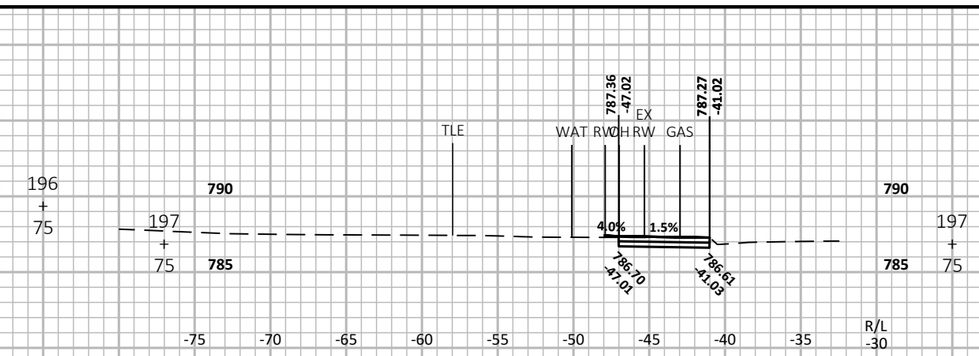
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090239-xs

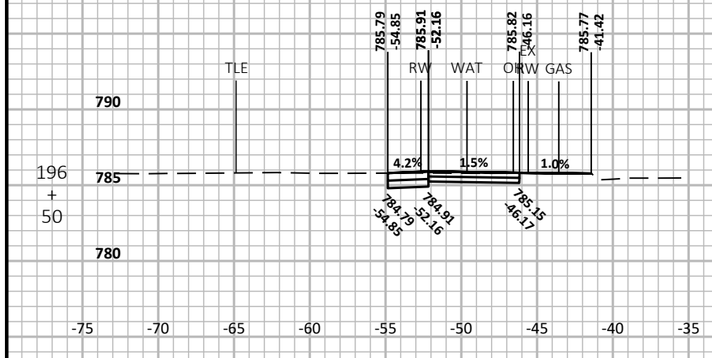
PLOT DATE : 11/12/2024 3:21 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

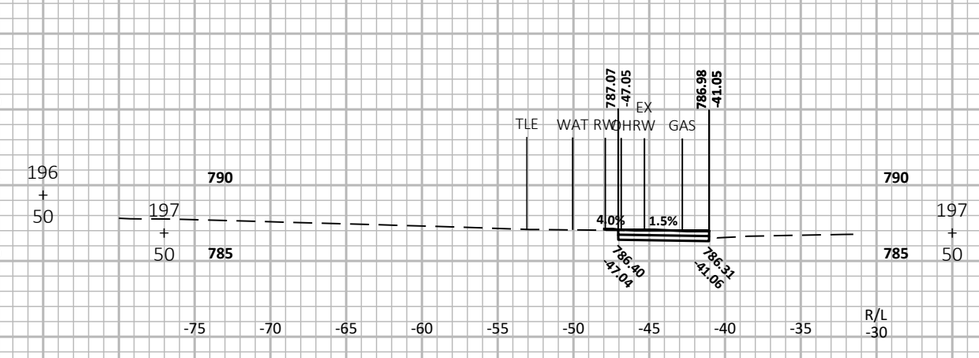
WISDOT/CADDS SHEET 49

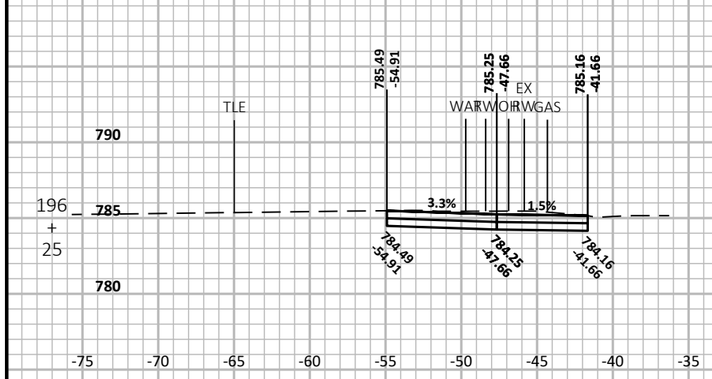
9

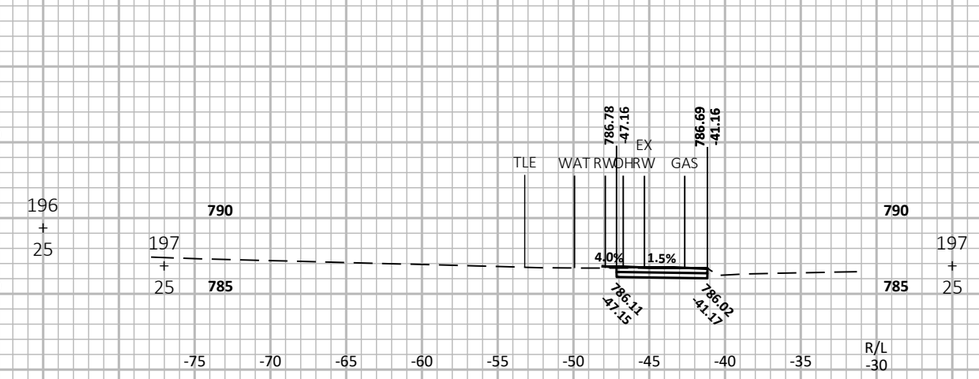


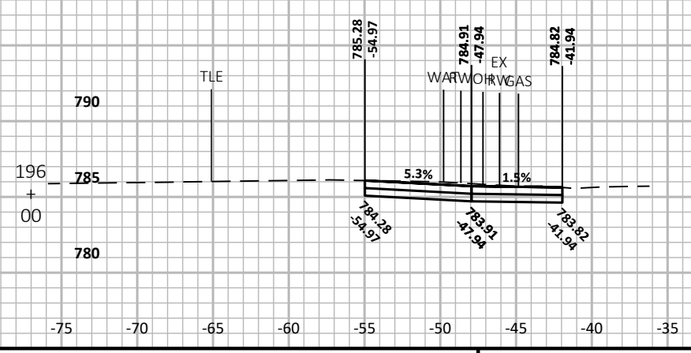


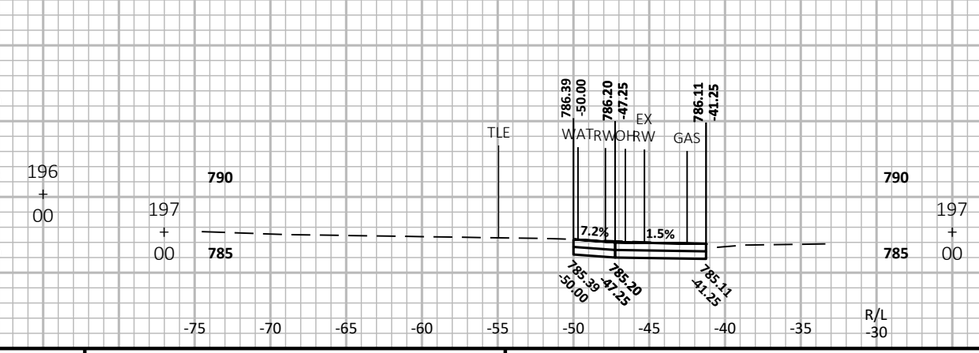


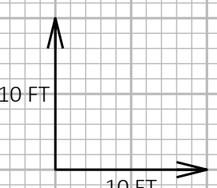












9

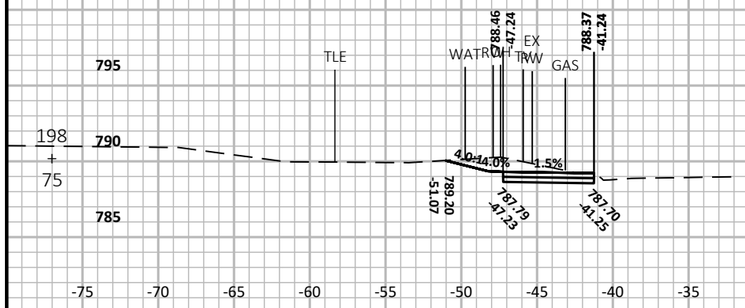
9

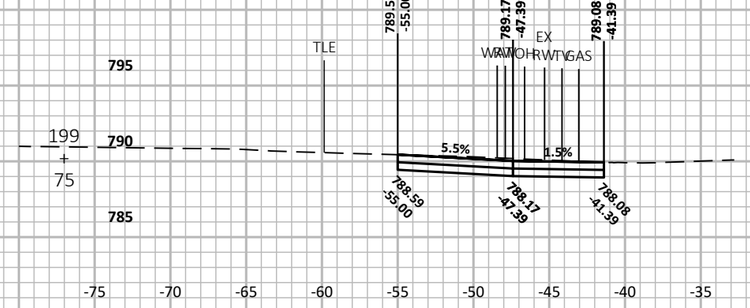
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 462	E

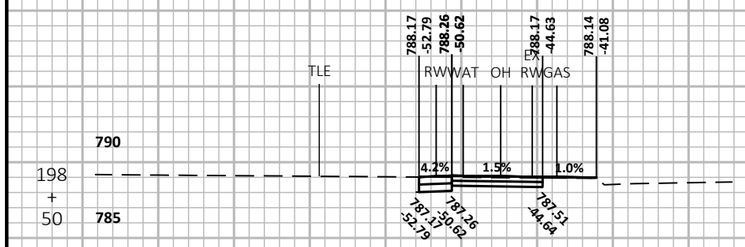
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090240-xs

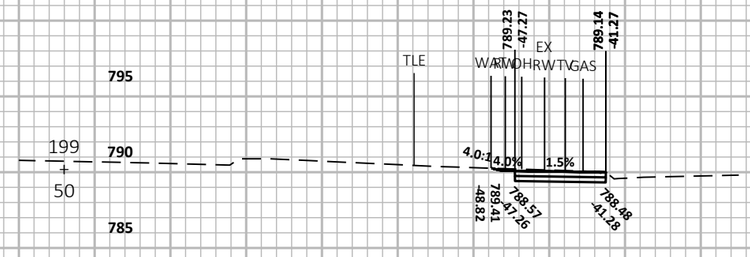
PLOT DATE : 11/12/2024 3:21 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

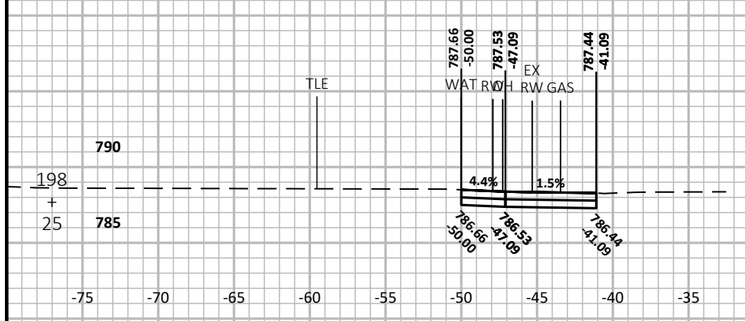
WISDOT/CADDS SHEET 49

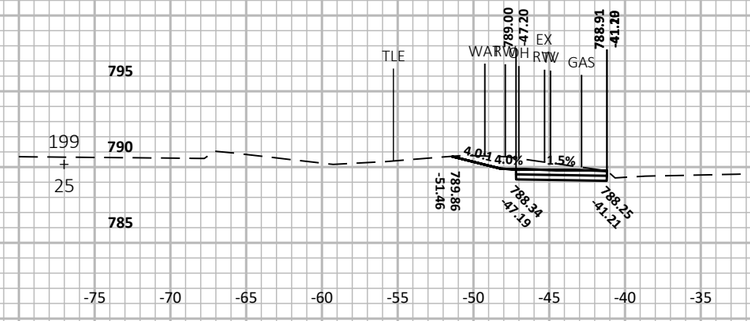


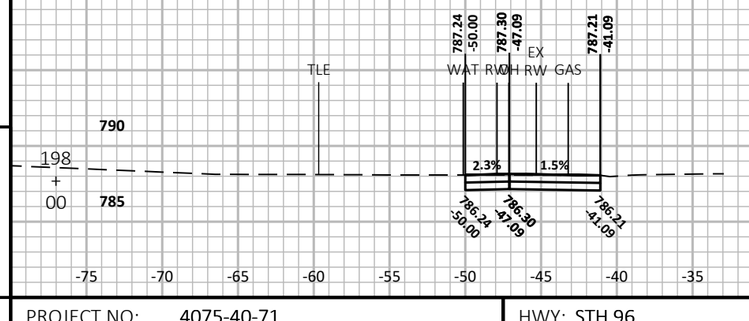


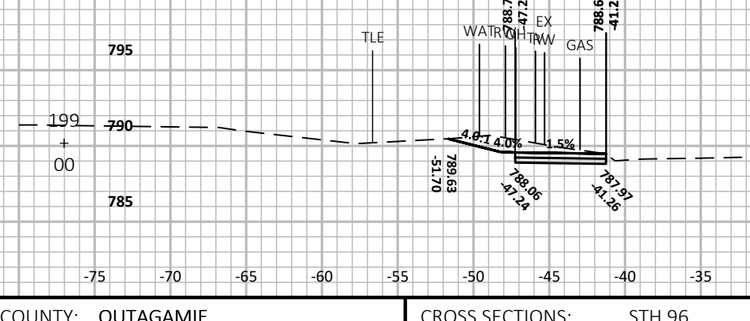


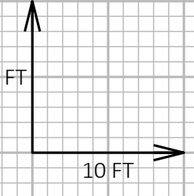












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 463	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090241-xs

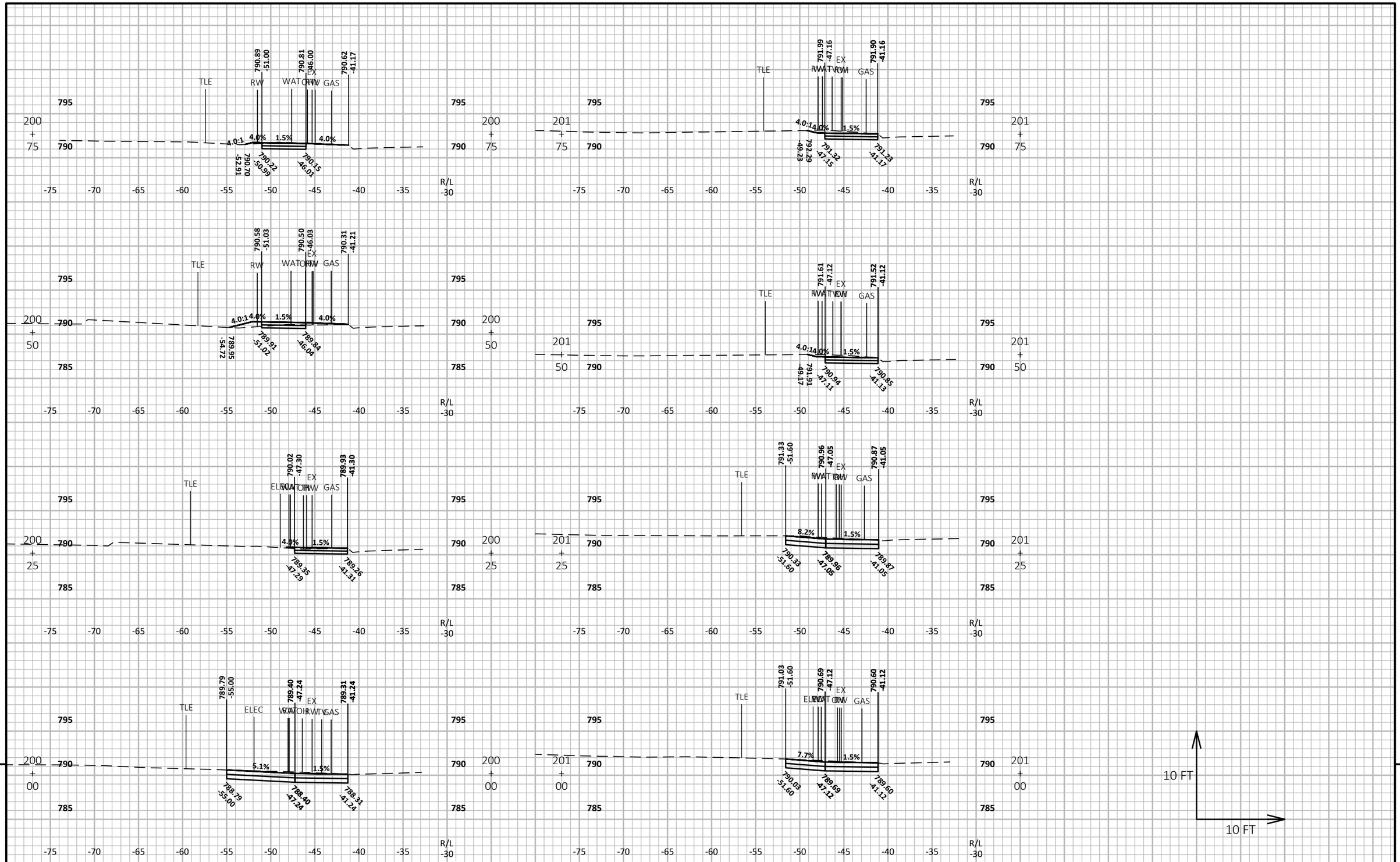
PLOT DATE : 11/12/2024 3:22 PM

PLOT BY : COREY RAYFORD

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	SHEET 464	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090242-xs

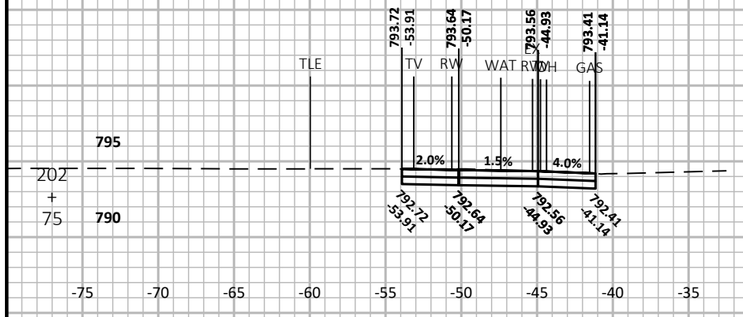
PLOT DATE : 11/12/2024 3:22 PM

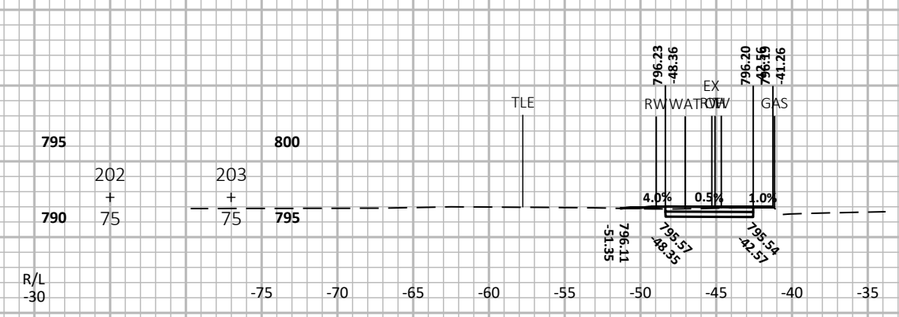
PLOT BY : COREY RAYFORD

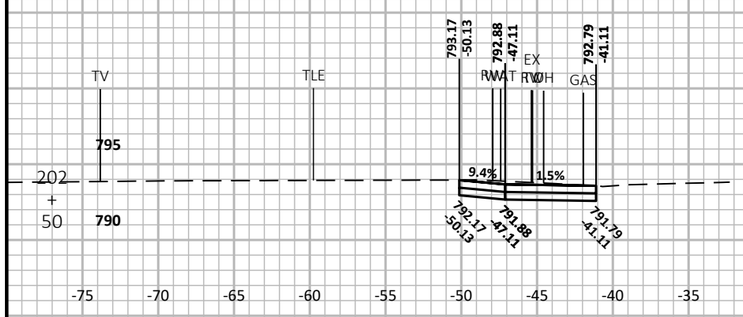
PLOT NAME :

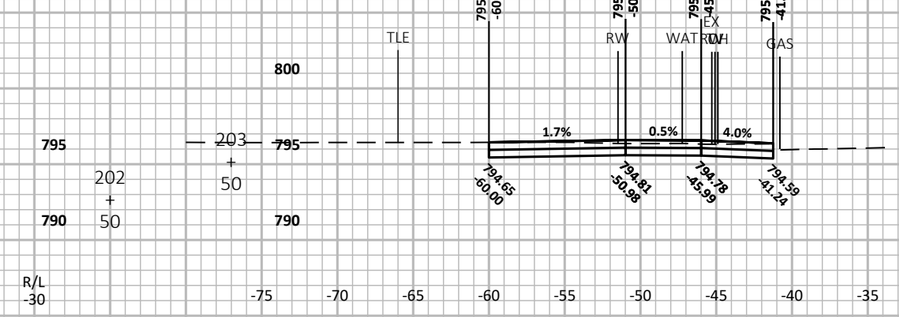
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

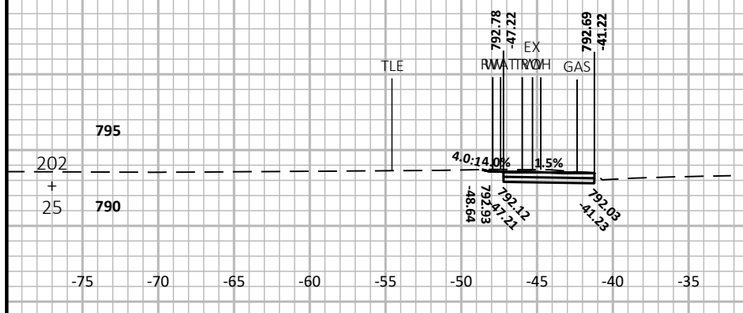
WISDOT/CADDS SHEET 49

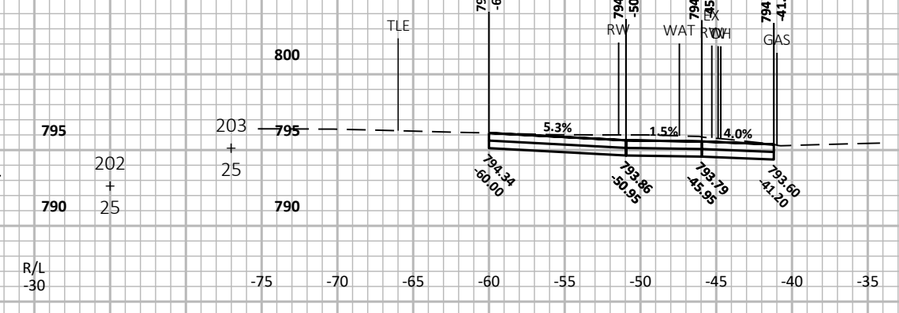


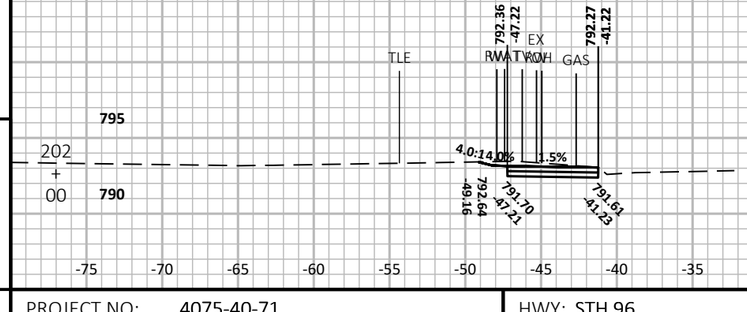


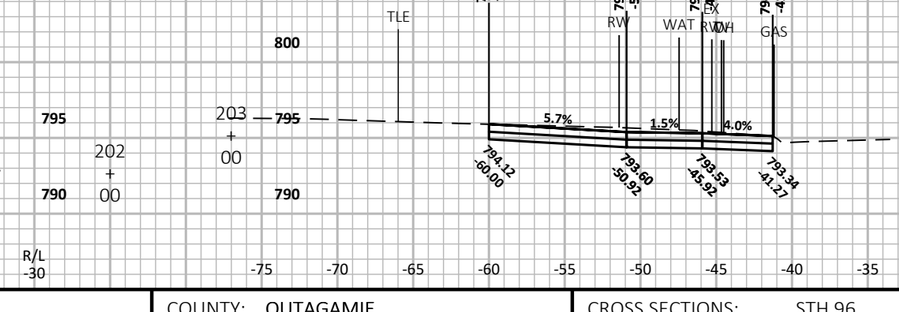


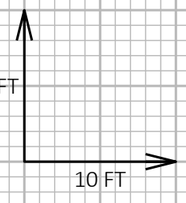












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 465	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090243-xs

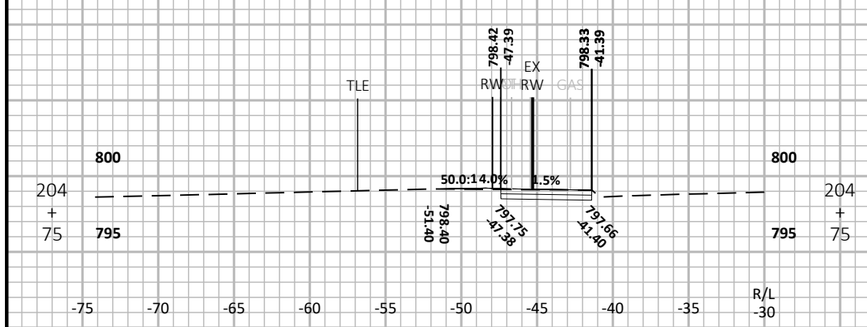
PLOT DATE : 11/12/2024 3:22 PM

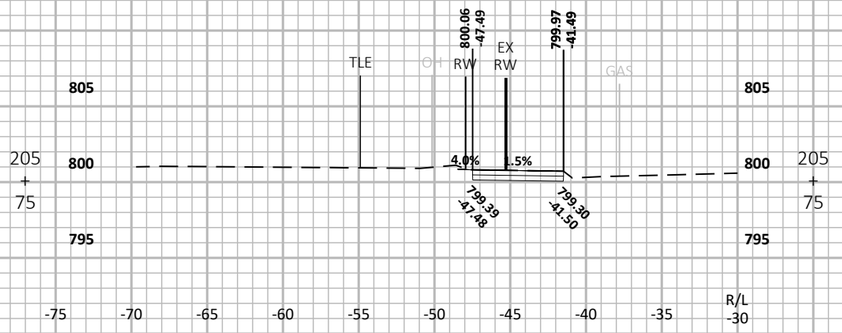
PLOT BY : COREY RAYFORD

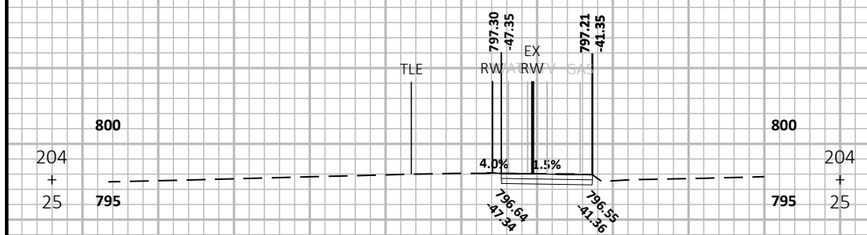
PLOT NAME :

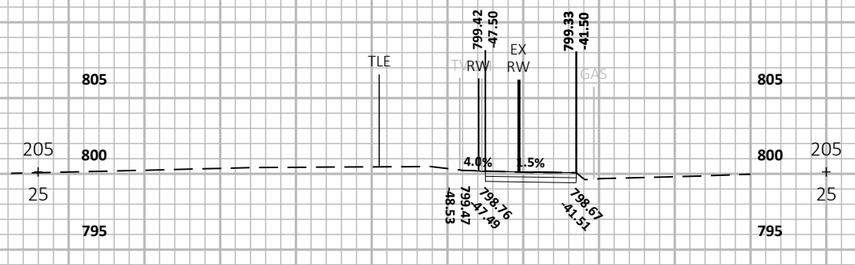
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

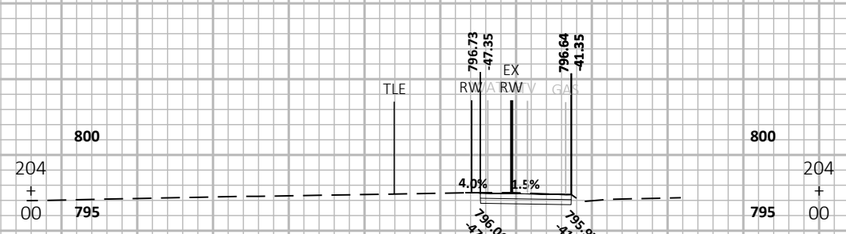
WISDOT/CADDS SHEET 49

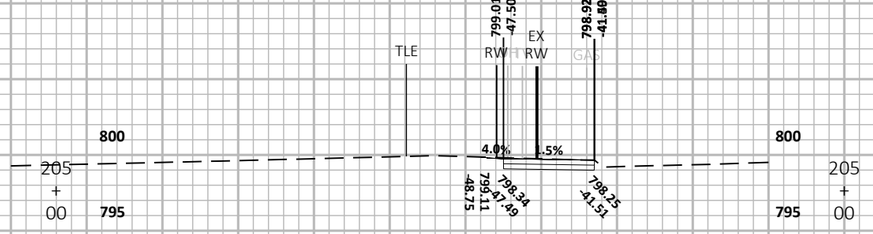


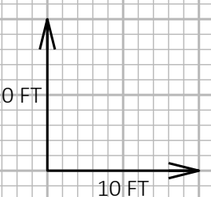












9

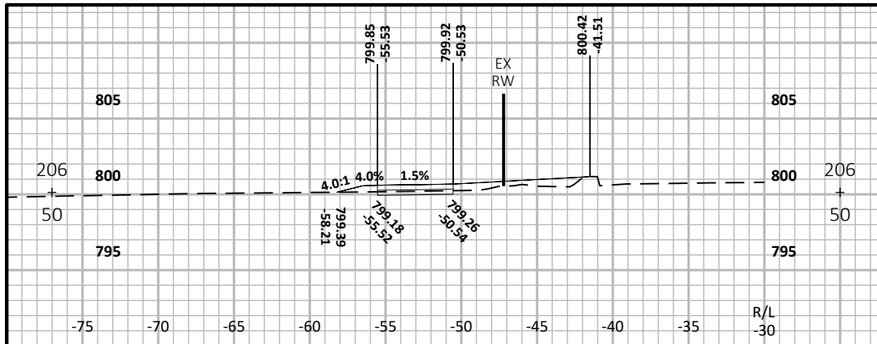
9

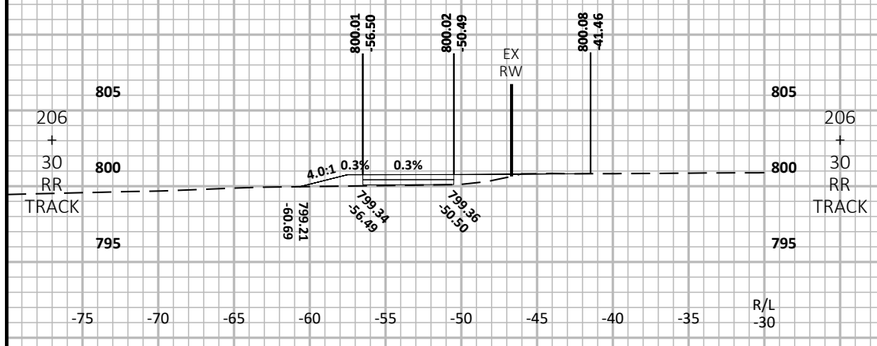
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 466	E

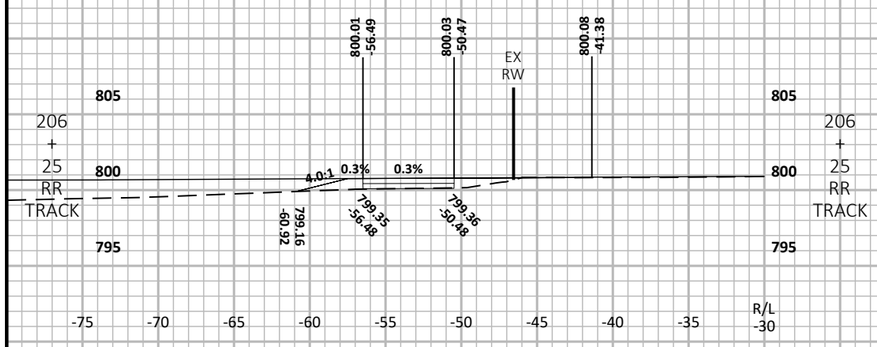
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090244-xs

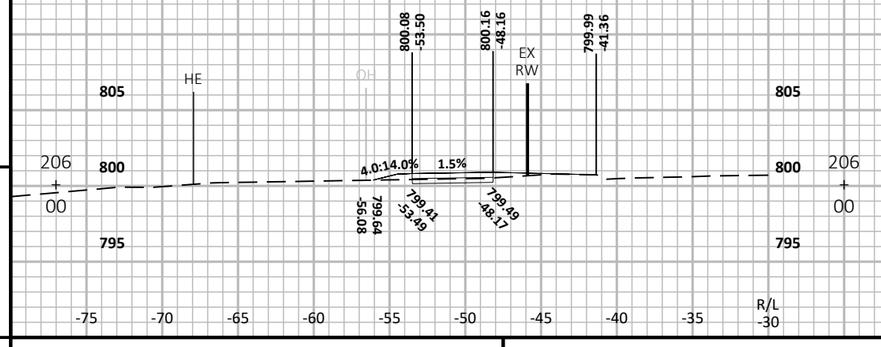
PLOT DATE : 1/27/2025 2:40 PM PLOT BY : COREY RAYFORD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

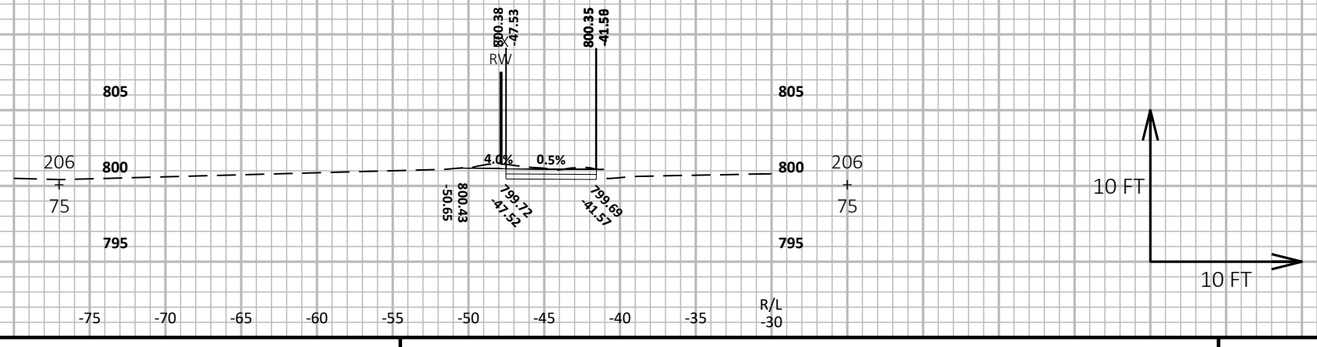
WISDOT/CADDS SHEET 49











9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 467	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090245-xs

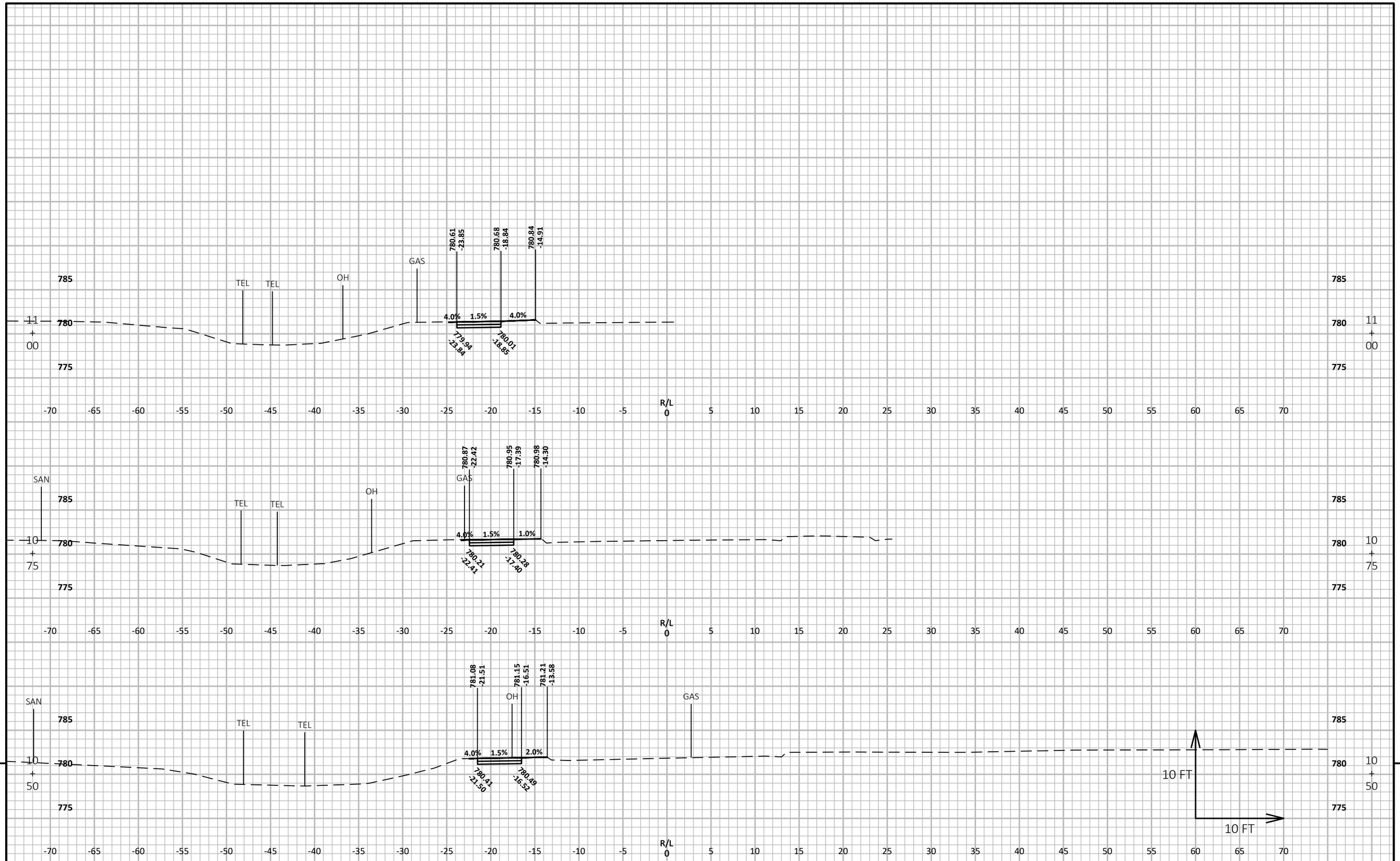
PLOT DATE : 1/27/2025 2:40 PM

PLOT BY : COREY RAYFORD

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



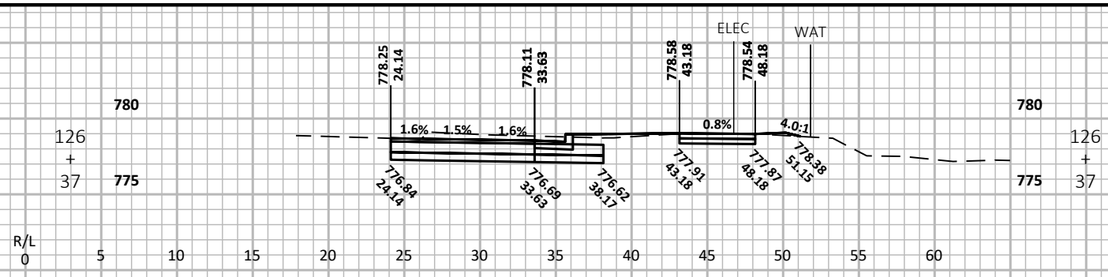
9

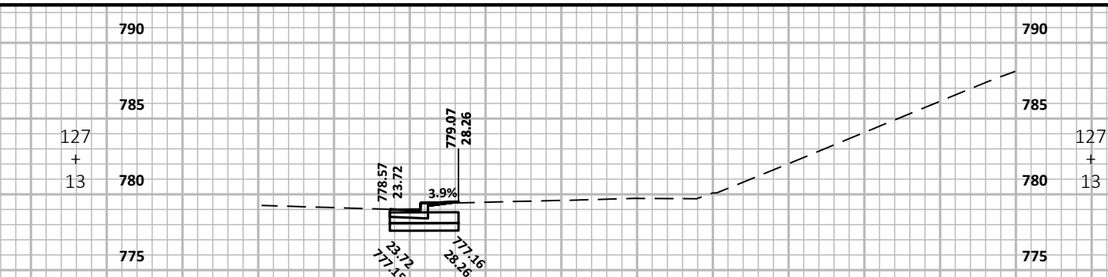
PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: COLORADO AVE	SHEET 468	E

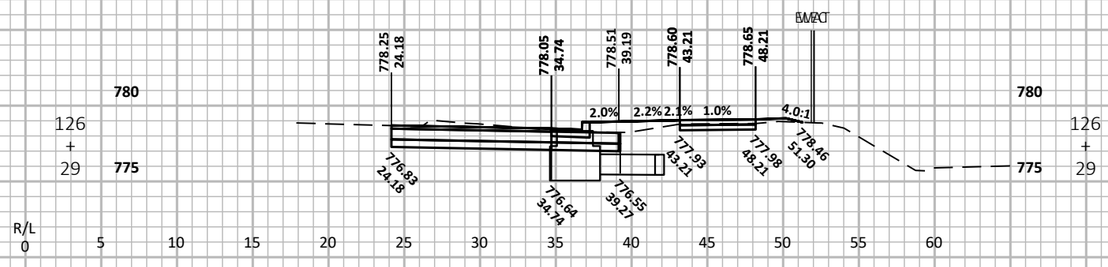
FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 407540-090250-xs

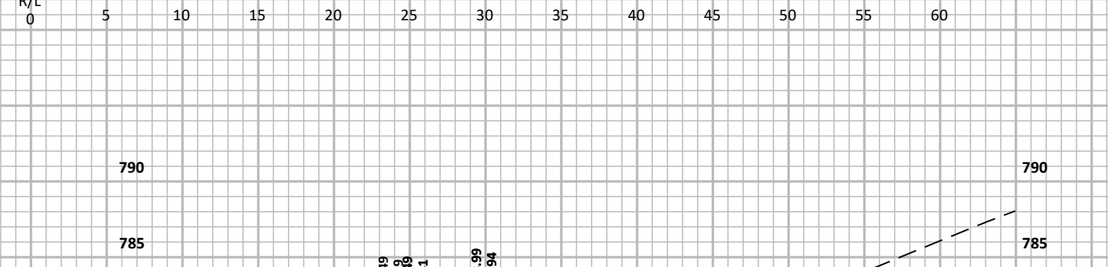
PLOT DATE : 11/13/2024 9:07 AM PLOT BY : COREY RAYFORD PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

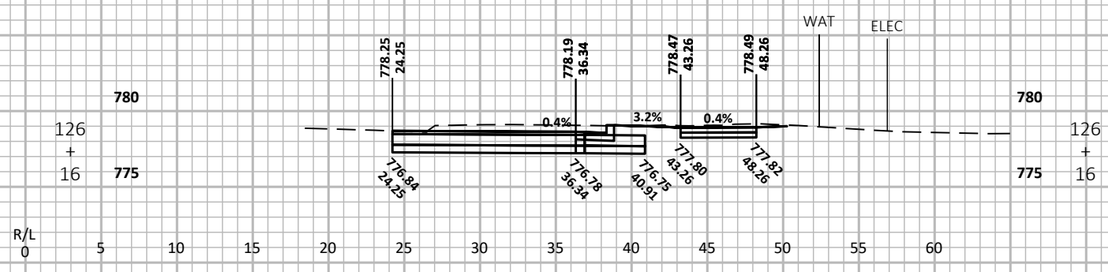
WISDOT/CADDS SHEET 49

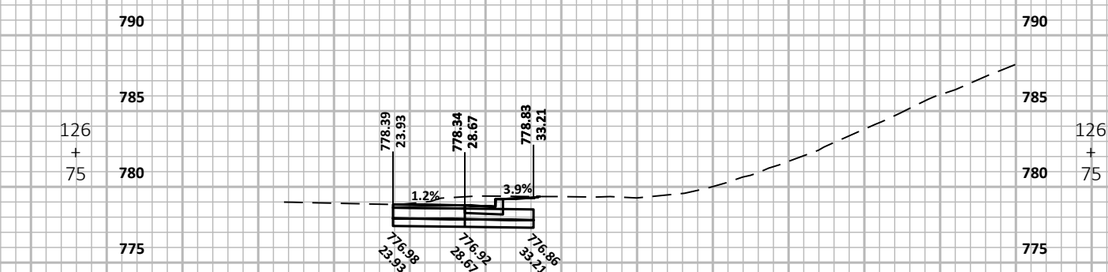


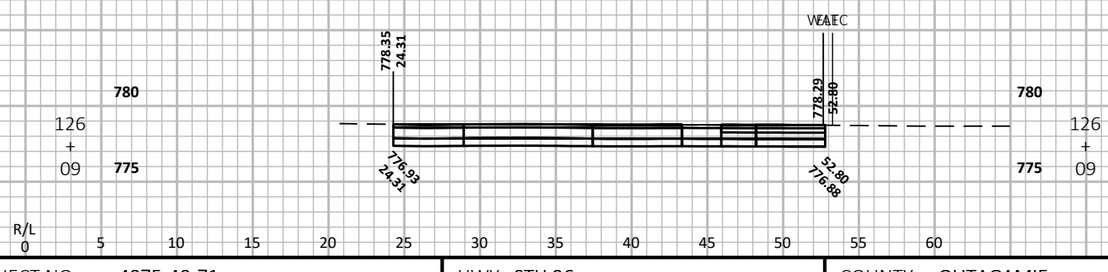


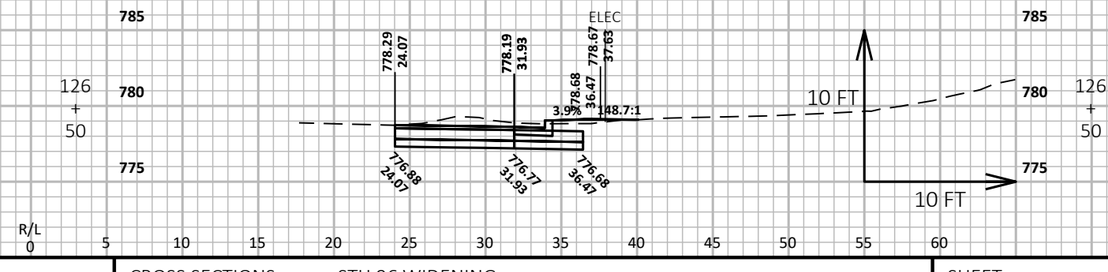












9

9

PROJECT NO: 4075-40-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96 WIDENING	SHEET 469	E

FILE NAME : N:\3001386.00\CIVIL 3D\SHEETSPLAN\407540_090201-XS.DWG
LAYOUT NAME - 4007540-090260-XS

PLOT DATE : 11/13/2024 9:10 AM PLOT BY : COREY RAYFORD 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: RAILROAD CROSSING	SHEET 470	E

FILE NAME : N:\3001386.00\CIVIL 3D\DESIGN\CORRIDORS\CRDR-40754071_RAILROAD.DWG
LAYOUT NAME - 407540_090270-xs

PLOT DATE : 5/21/2025 2:34 PM PLOT BY : MATT TOMSOVIC PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov