WKE

PROJECT ID: 1330-34-70

WITH: N/A

COUNTY: WAUKESHA

SEPTEMBER 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 = 408



N

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

WALES - HARTFORD

PERKINS ROAD TO GLACIER PASS

STH 83

WAUKESHA COUNTY

STATE PROJECT NUMBER
1330-34-70

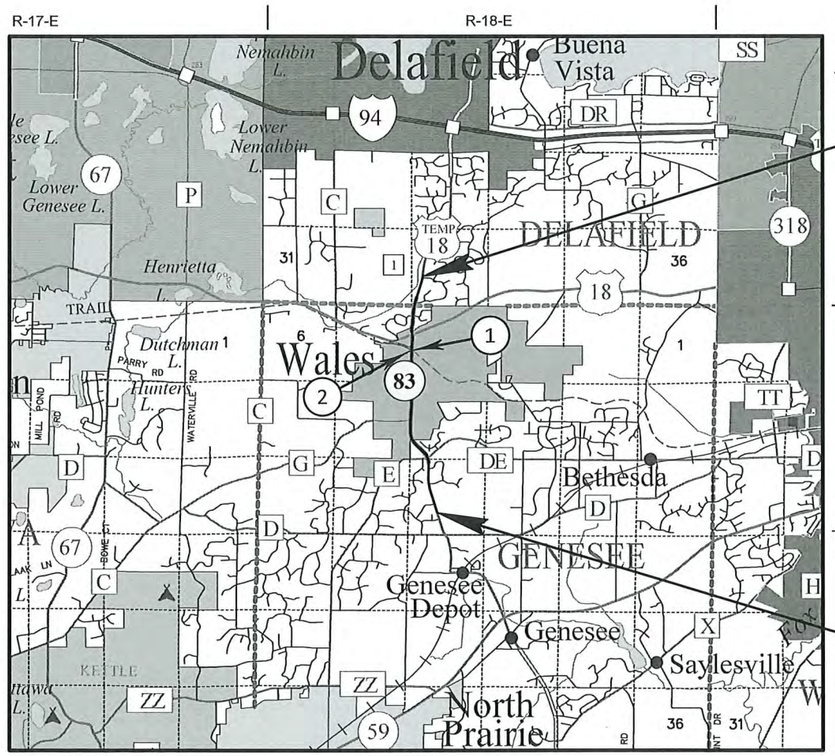
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1330-34-70	WISC 2025598	1

DESIGN DESIGNATION 1330-34-00

A.A.D.T.	2027	=	15,200
A.A.D.T.	2047	=	16,100
D.H.V.		=	
D.D.		=	
T.		=	4.4%
DESIGN SPEED		=	40-50 MPH
ESALS		=	1,220,000

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		UTILITIES	
REFERENCE LINE	300'E8'	ELECTRIC	E
EXISTING CULVERT		FIBER OPTIC	FO
PROPOSED CULVERT (Box or Pipe)		GAS	G
COMBUSTIBLE FLUIDS	CAUTION	SANITARY SEWER	SAN
		STORM SEWER	SS
MARSH AREA		TELEPHONE	T
		WATER	W
		UTILITY PEDESTAL	
WOODED OR SHRUB AREA		POWER POLE	
		TELEPHONE POLE	



1 STRUCTURE B-67-329 (NB)
EXCEPTION TO NET CL LENGTH
STA 1531+05'ML' - 1532+08'ML'

2 STRUCTURE B-67-317 (SB)
EXCEPTION TO NET CL LENGTH
STA 1531+22'ML' - 1532+25'ML'

LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 3.172 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), WAUKESHA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

ORIGINAL PLANS PREPARED BY

SEH
Building a Better World for All of Us™
Short Elliott Hendrickson Inc.
6808 Odana Road, Suite 200
Madison, WI 53719-1137
608.620.6199 main | 888.908.8166 fax
800.732.4362 toll free | www.sehinc.com

WISCONSIN
DEAN V. STODOLA
36006-006
MCFARLAND
WI
PROFESSIONAL ENGINEER

4-4-2025 (Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SEH
Designer	SEH
Project Manager	GARY METZER
Regional Examiner	SE REGION
Regional Supervisor	JANET CANNON

APPROVED FOR THE DEPARTMENT

DATE: 4/9/2025 (Signature)

E

STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AECPRC	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
AECPCS	APRON ENDWALL FOR CULVERT PIPE CORRUGATED STEEL
ASPH	ASPHALTIC
AVG	AVERAGE
ADT	AVERAGE DAILY TRAFFIC
BF	BACK FACE
BM	BENCH MARK
BR	BRIDGE
CE	COMMERCIAL ENTRANCE
C/L	CENTER LINE
Δ	CENTRAL ANGLE OR DELTA
COB	CENTER OF BARRIER
CONC	CONCRETE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CR	CREEK
CY	CUBIC YARD
C&G	CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DISCH	DISCHARGE
DG	DITCH GRADE
DWY	DRIVEWAY
X	EAST GRID COORDINATE
EAT	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
EOR	END POINT OF RADIUS
EL	ELEVATION
ENT	ENTRANCE
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FC	FACE OF CURB
FF	FACE TO FACE
FERT	FERTILIZE
FE	FIELD ENTRANCE
FL	FLOW LINE
FO	FIBER OPTIC
CWT	HUNDREDWEIGHT
HYD	HYDRANT
ID	INSIDE DIAMETER
INV	INVERT
IP	IRON PIPE ON PIN
LHF	LEFT-HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MH	MANHOLE
MOR	MID POINT OF RADIUS
NC	NORMAL CROWN
NO	NUMBER
OBLIT	OBLITERATE
PAVT	PAVEMENT
PE	PRIVATE ENTRANCE
PVRC	POINT OF VERTICAL REVERSE CURVE
QOR	QUARTER POINT OF RADIUS
R	RADIUS
REQ'D	REQUIRED
RES	RESIDENCE OR RESIDENTIAL
RHF	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RDWY	ROADWAY
R/L	REFERENCE LINE
SALV	SALVAGED
SAN	SANITARY SEWER
SF	SQUARE FEET
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STA	STATION
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SE	SUPERELEVATION RATE
TC	TOP OF CURB
T OR TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
VAR	VARIABLE
VC	VERTICAL CURVE
Y	NORTH GRID COORDINATE
YD	YARD

DIGGERS HOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

DNR AREA LIAISON:

DNR SERVICE CENTER
141 NW BARSTOW ROOM 180
WAUKESHA, WI 53188
TELEPHONE: 262.547.2141
414.303.3011
ATTENTION: CRAIG WEBSTER
EMAIL: CRAIG.WEBSTER@WISCONSIN.GOV

SEWRPC CONTACT:

SOUTHEASTERN WISCONSIN REGIONAL
PLANNING COMMISSION
PO BOX 1607
WAUKESHA, WI 53187-1607
TELEPHONE: 262.953.4289
920.912.1036
ATTENTION: ROB MERRY
EMAIL: RMERRY@SEWRPC.ORG

WISDOT CONTACTS:

WISDOT SOUTHEAST REGION
141 NW BARSTOW ST
PO BOX 798
WAUKESHA, WI 53187-0798
TELEPHONE: 262.548.5685
ATTENTION: GARY METZER
EMAIL: GARY.METZER@DOT.WI.GOV

WISDOT - STREET LIGHTING
ERIC PEREA
935 S 60TH STREET
WEST ALLIS, WI 53214
(414) 750-0935
ERIC.PEREA@DOT.WI.GOV

DESIGN CONTACT:

SHORT ELLIOTT HENDRICKSON INC.
6808 ODANA ROAD, SUITE 200
MADISON, WI 53719-1137
TELEPHONE: 608.516.4239
ATTENTION: DEAN STODOLA
EMAIL: DSTODOLA@SEHINC.COM

UTILITY CONTACT LIST:

KENNETH M NINE
AT&T LEGACY - COMMUNICATION LINE
110 N MAIN STREET
CULVER, IN 46511
(574) 904-6336
KNINE@JMCEAINC.COM

TYLER FLECK
AT&T WISCONSIN - COMMUNICATION LINE
220 WISCONSIN AVENUE
WAUKESHA, WI 53186
(414) 248-6803
TF8394@ATT.COM

SCOTT HEINZELMAN
BRIGHTSPEED OF WESTERN WISCONSIN, LLC - COMMUNICATION LINE
144 N PEARL STREET
BERLIN, WI 54923
(920) 757-4802
SCOTT.HEINZELMAN@BRIGHTSPEED.COM

SHAD GARCIA
EVERSTREAM - COMMUNICATION LINE
324 E WISCONSIN AVE, SUITE 730
MILWAUKEE, WI 53202
(414) 522-6685
SGARCIA@EVERSTREAM.NET

GREG SELISSEN
KETTLE MORAINE SCHOOL DISTRICT - COMMUNICATION LINE
PO BOX 11064
GREEN BAY, WI 54307
(920) 328-8452
GSELISSEN@MCEWI.COM

BRAHIM GADDOUR
LEVEL 3 COMMUNICATIONS LLC - COMMUNICATION LINE
3235 INTERTECH DR, SUITE 600
BROOKFIELD, WI 53045
(414) 704-1026
BRAHIM.GADDOURS@LUMEN.COM

LORI KETTER
PAETEC COMMUNICATIONS, LLC - COMMUNICATION LINE
969 WAUBE LANE
OSHKOSH, WI 54904
(920) 410-6902
LORI.KETTER@WINDSTREAM.COM

JOSH SOINEY
SPECTRUM - COMMUNICATION LINE
1320 N. DR. MARTIN LUTHER KING JR DRIVE
MILWAUKEE, WI 53212
(414) 207-0053
JOSHUA.SOINEY@CHARTER.COM

KEVIN PERSON
SPRINT COMMUNICATIONS CO LP - COMMUNICATION LINE
849 EARL ST
ST PAUL, MN 55106
(612) 275-4131
KPERSON@COGENTCO.COM

GAIL TAMEZ
VILLAGE OF WALES - SEWER
P.O. BOX 47
WALES, WI 53183
(262) 968-3968
ADMINISTRATOR@VILLAGEOFWALES.GOV

GAIL TAMEZ
VILLAGE OF WALES - STREET LIGHTING
A.A. BOX 47
WALES, WI 53183
(612) 968-3968
ADMINISTRATOR@VILLAGEOFWALES.GOV

ERIC KICKHAVER
WE ENERGIES - ELECTRICITY
500 S 116TH STREET
WEST ALLIS, WI 53214
(414) 588-7472
ERIC.KICKHAVER@WE-ENERGIES.COM

JAKE SPENCER
WE ENERGIES - GAS/PETROLEUM
S13 W33800 STH 18
DELAFIELD, WI 53018
(414) 507-2021
JAKE.SPENCER@WE-ENERGIES.COM

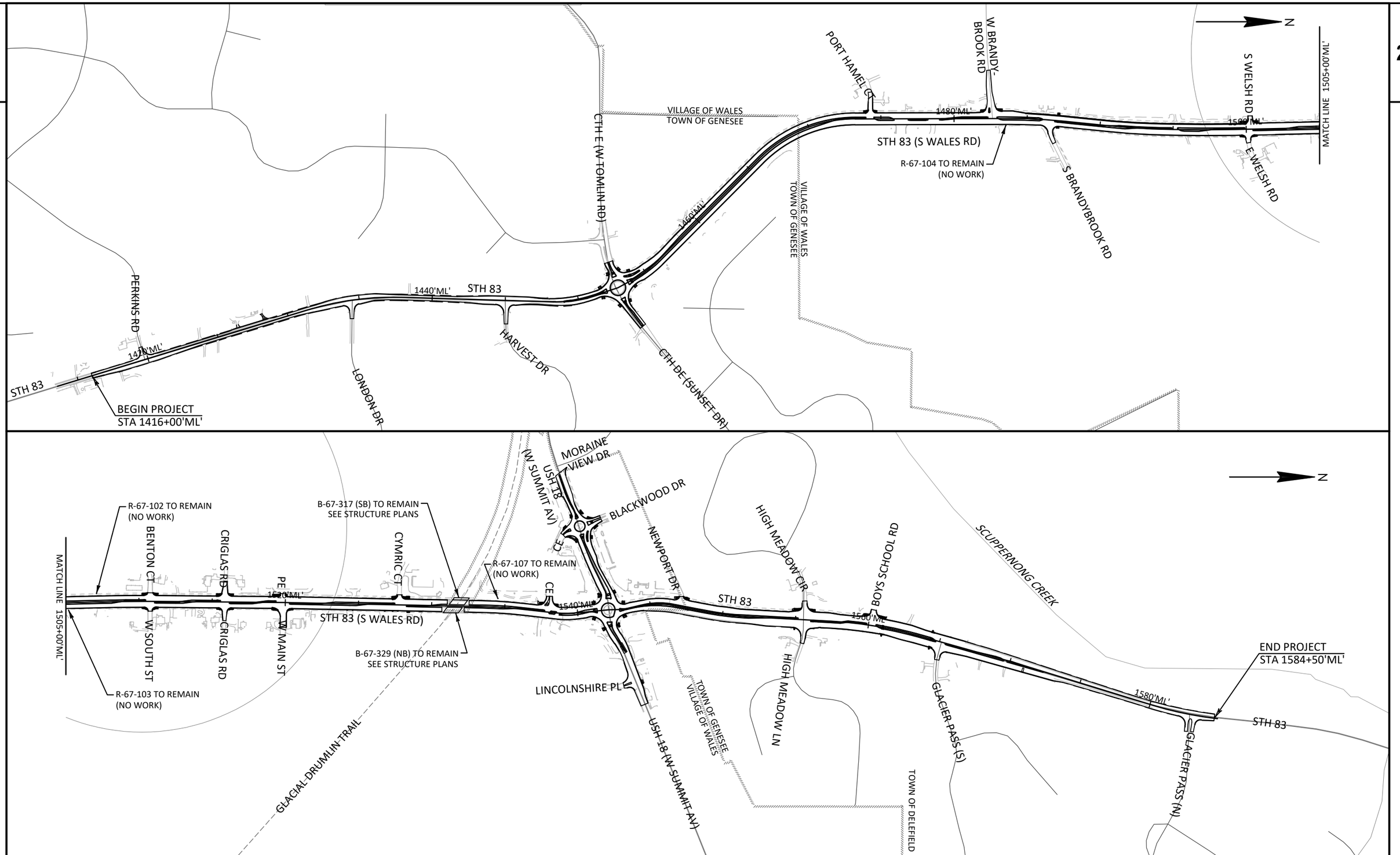
GENERAL NOTES:

1. NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
2. THE LOCATIONS 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.
3. THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.
4. WETLANDS, WATERWAYS, AND OTHER ENVIRONMENTALLY SENSITIVE AREAS SHALL BE PROTECTED AT ALL TIMES. DO NOT STORE EQUIPMENT OR MATERIALS NEAR THESE SITES UNLESS APPROVED BY THE ENGINEER.
5. THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
6. RESTORE ANY DISTURBED SOIL OR GRADED AREAS WITHIN SEVEN (7) CALENDAR DAYS OF DISTURBANCE OR TEMPORARILY SEED AND MAT THE AREA WITHIN 72 HOURS OF ANY DISTURBANCE.
7. RESHAPE, RESTORE, AND FINISH ALL PREVIOUSLY GRASSED AREAS DISTURBED OUTSIDE THE NORMAL CONSTRUCTION LIMITS AT NO EXPENSE TO THE DEPARTMENT.
8. DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED AND SEEDED.
9. ASPHALTIC AND CONCRETE ITEM REMOVALS SHALL BE SAWCUT AT THE MATCH LINE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.
5. TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
6. CONTACT THE PROJECT ENGINEER AND THE SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION (SEWRPC) AT LEAST TWO WEEKS PRIOR TO WORK NEAR ANY PUBLIC SURVEY MONUMENT.

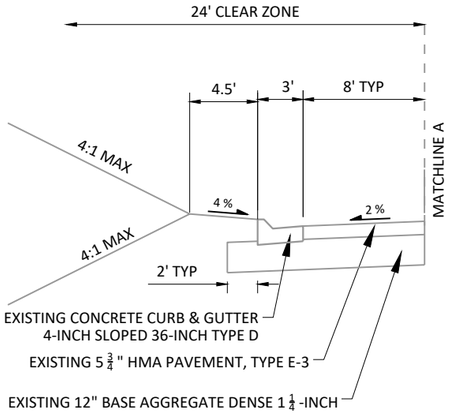
ORDER OF SHEETS - SECTION 2:

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS - MEDIAN EXTENSION
CURB RAMP DETAILS
EROSION CONTROL
SIGNING PLAN
PAVEMENT MARKING
TRAFFIC CONTROL
DETOUR PLAN
ALIGNMENT DETAILS
SURVEY CONTROL

2

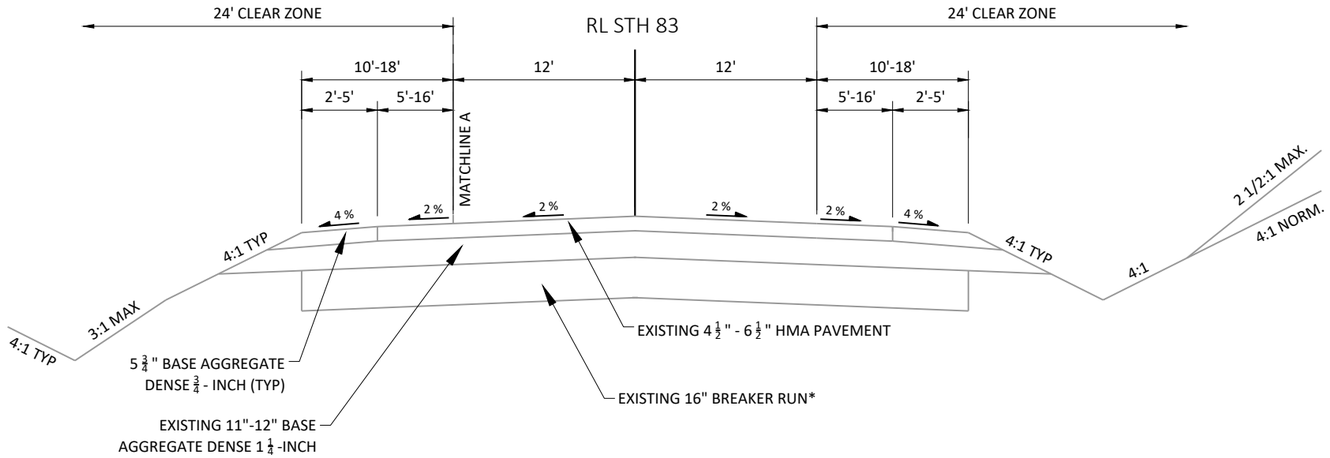


PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PROJECT OVERVIEW	SHEET 3 E



URBAN SECTION - STH 83

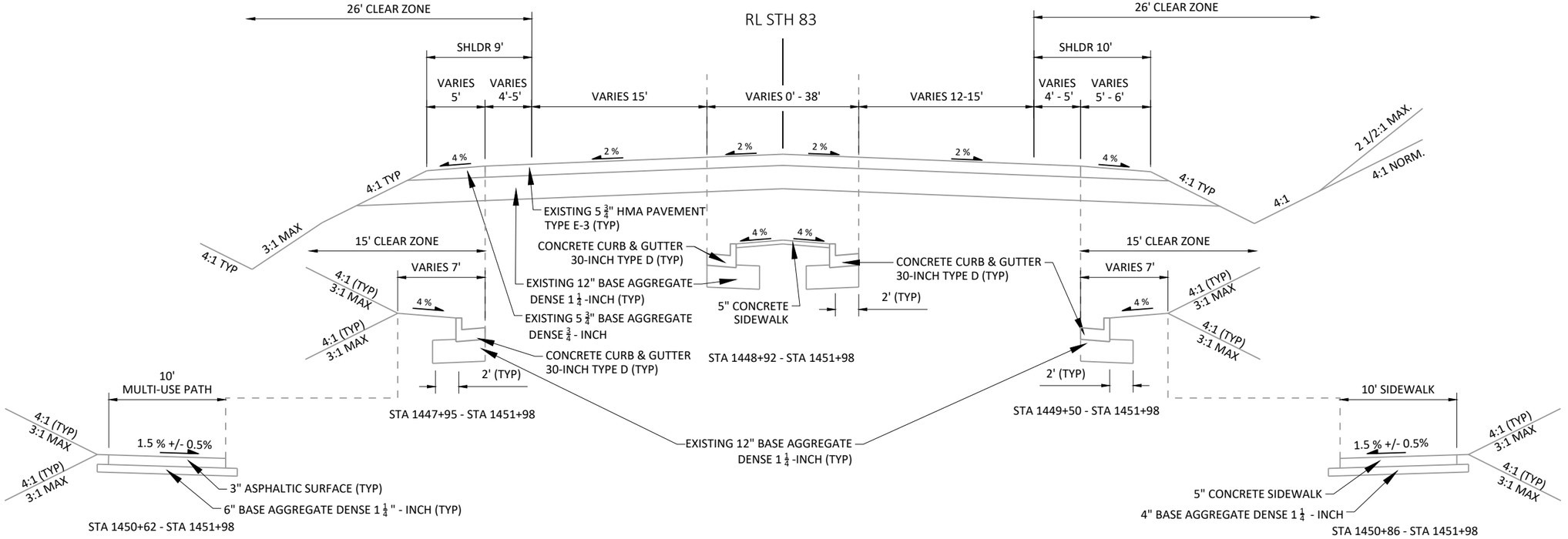
STA 1426+10 - 1428+50 LT



EXISTING TYPICAL SECTION - STH 83

STA 1416+00 - STA 1447+00

*STA 1429+00 - STA 1434+00



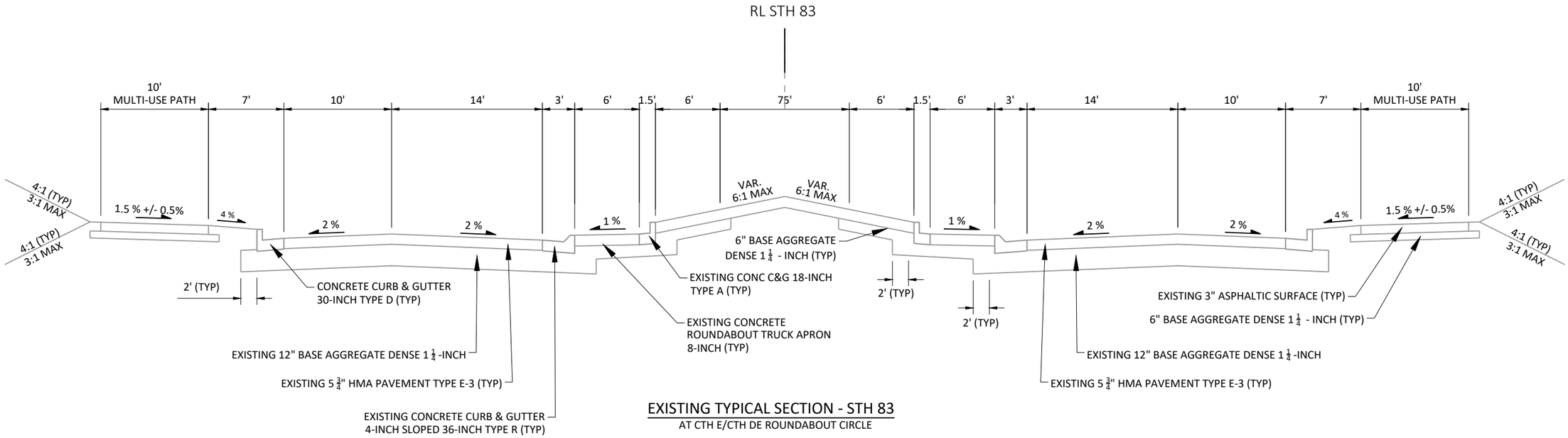
EXISTING TYPICAL SECTION - STH 83

STA 1447+00 - STA 1451+98

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 4	E

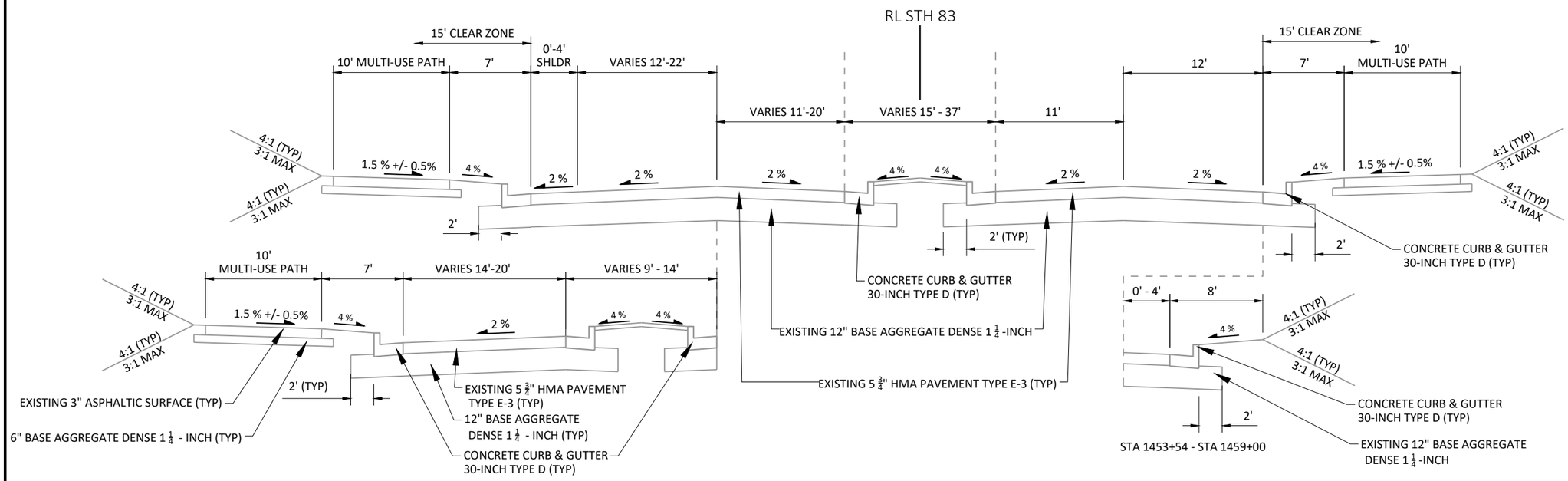
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LAYOUT NAME - 01
PLOT DATE : 4/28/2025 5:21 PM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



EXISTING TYPICAL SECTION - STH 83

AT CTH E/CTH DE ROUNDABOUT CIRCLE



STA 1453+54 - STA 1454+66

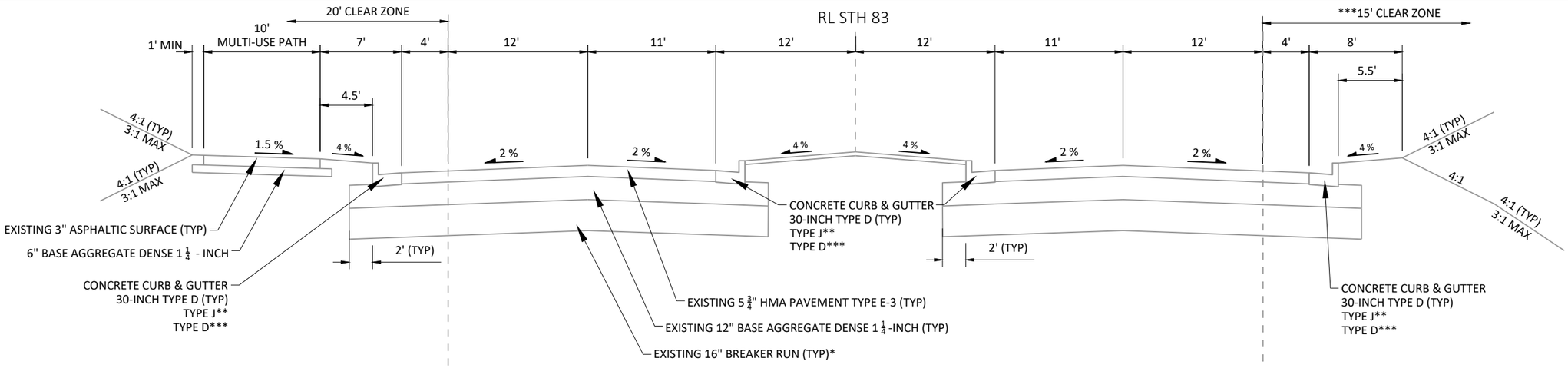
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EXISTING TYPICAL SECTION - STH 83

STA 1453+54 - STA 1459+00

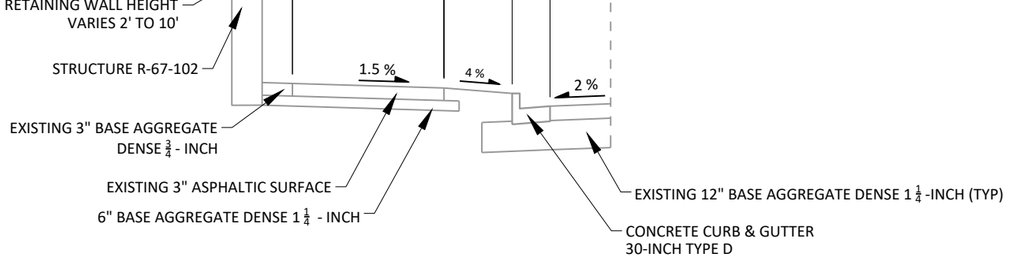
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 5	E

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LAYOUT NAME - 02
PLOT DATE : 4/28/2025 5:21 PM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



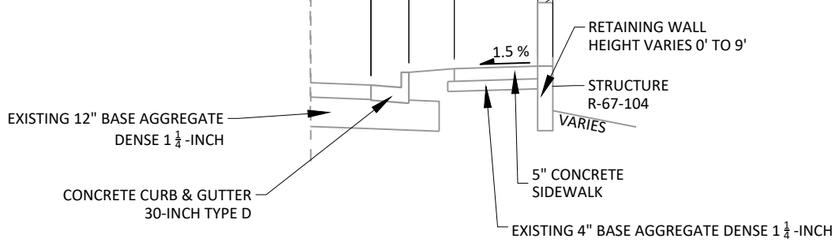
EXISTING TYPICAL SECTION - STH 83

*STA 1459+00 - STA 1462+00
*STA 1500+00 - STA 1506+00
*STA 1517+00 - STA 1522+00
**STA 1459+00 - STA 1483+00
***STA 1500+00 - STA 1533+00



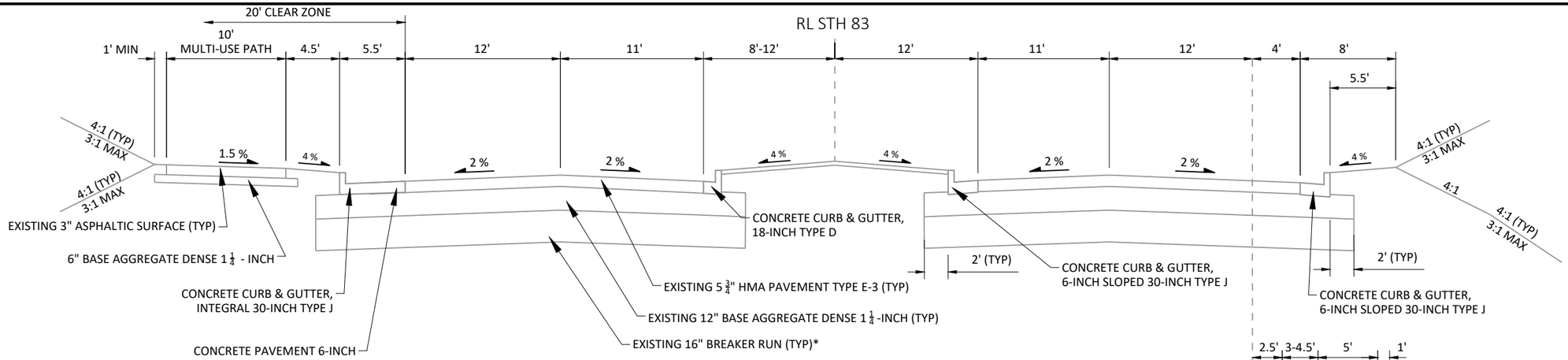
EXISTING RETAINING WALL SECTION - STH 83

STA 1506+15 - STA 1509+75



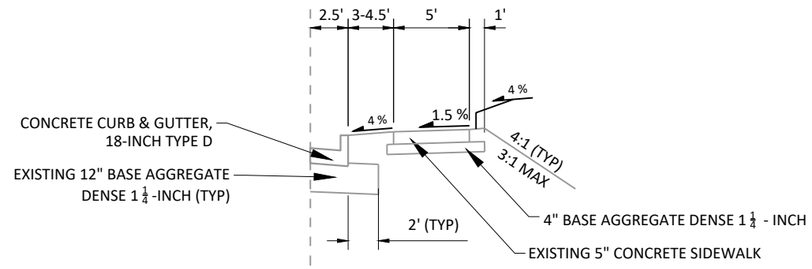
EXISTING RETAINING WALL SECTION - STH 83

STA 1502+10 - STA 1507+93RT



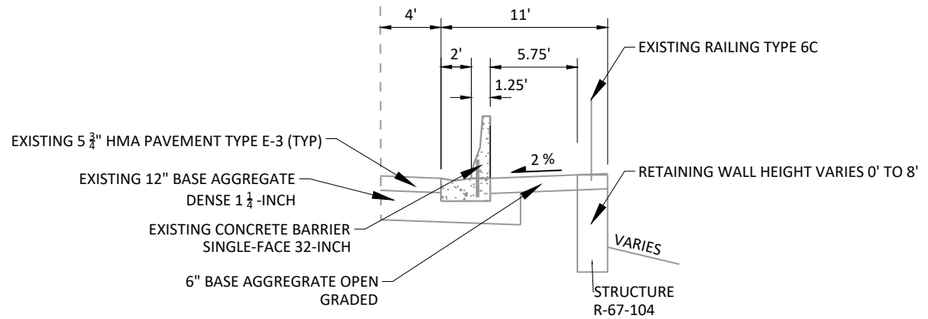
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STA 1483+00 - STA 1500+00
*STA 1486+00 - STA 1500+00



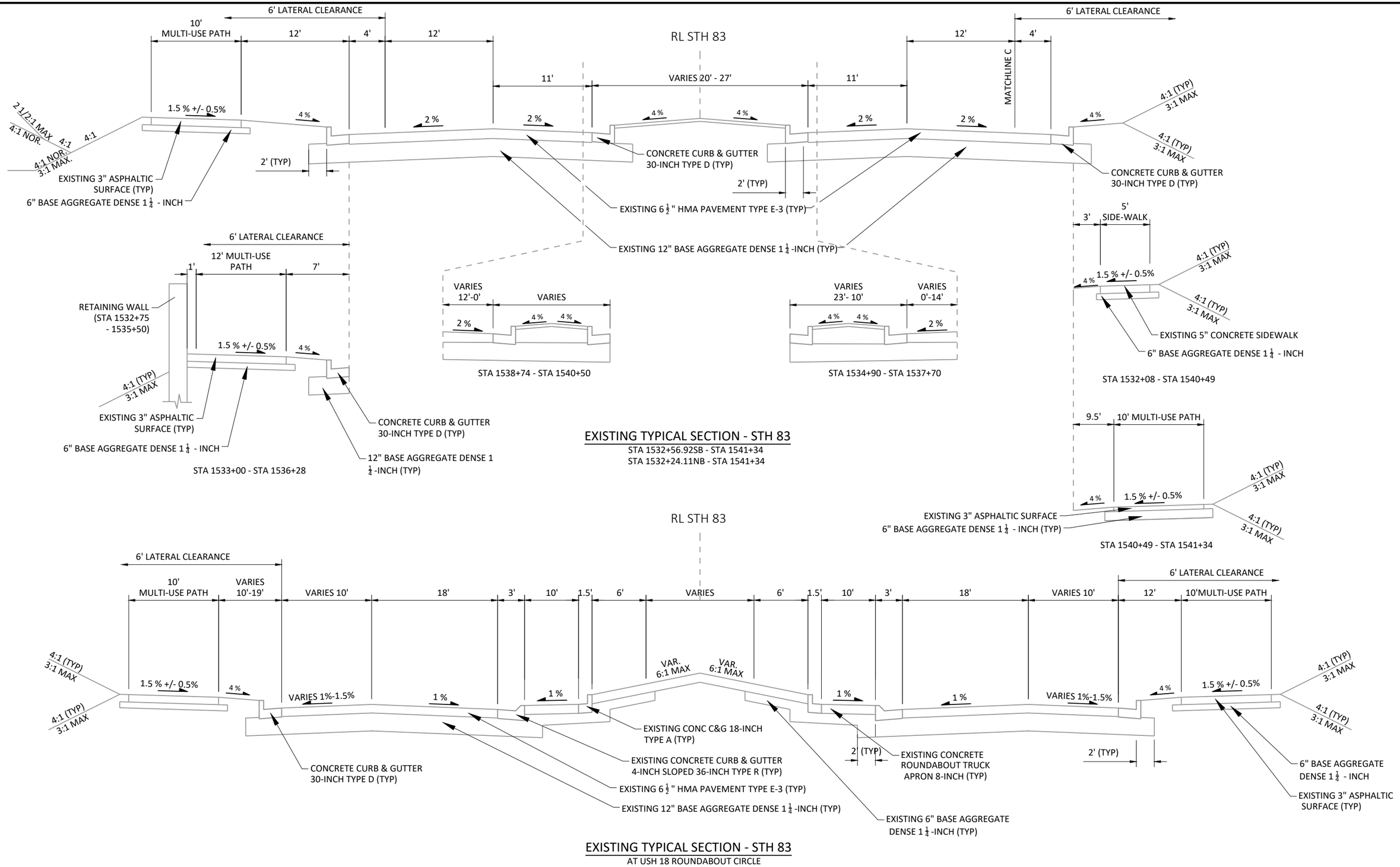
EXISTING SIDEWALK SECTION - STH 83

STA 1486+00 - STA 1530+50



EXISTING RETAINING WALL SECTION - STH 83

STA 1482+70 - STA 1484+25, RT



EXISTING TYPICAL SECTION - STH 83

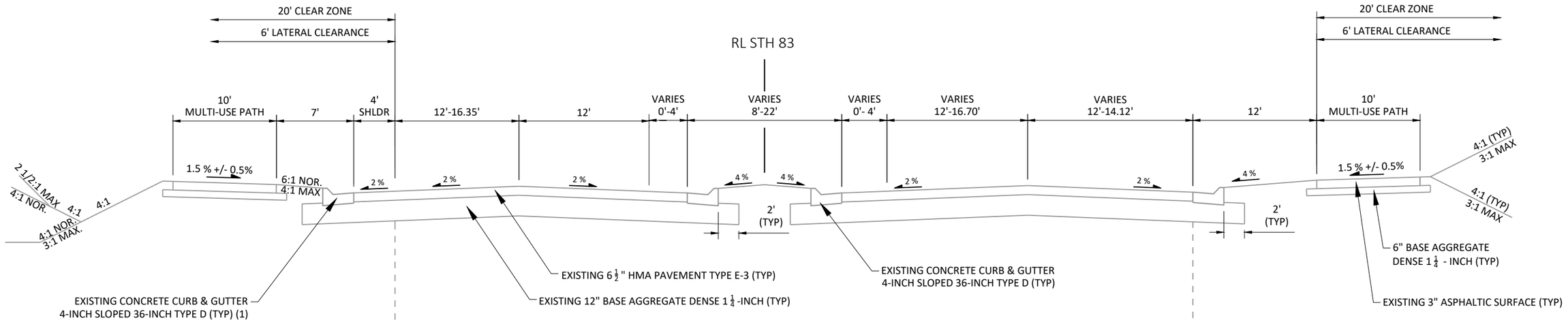
STA 1532+56.92SB - STA 1541+34
STA 1532+24.11NB - STA 1541+34

EXISTING TYPICAL SECTION - STH 83

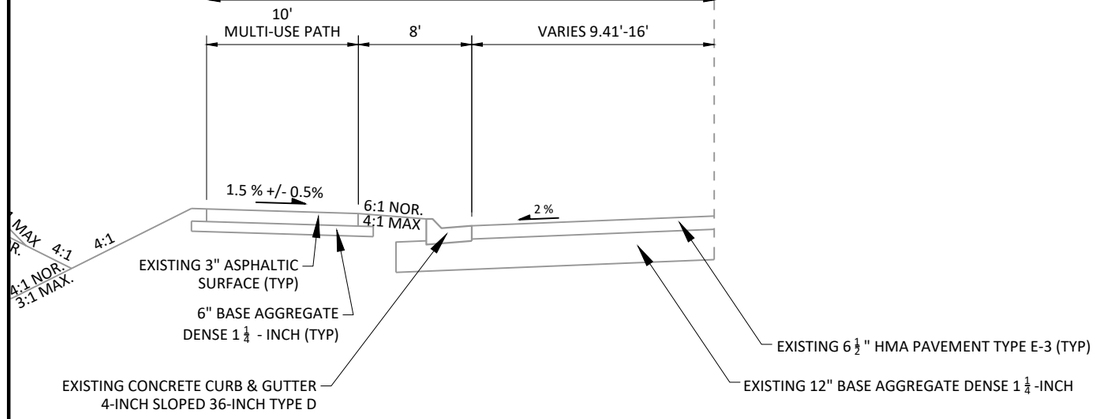
AT USH 18 ROUNDABOUT CIRCLE

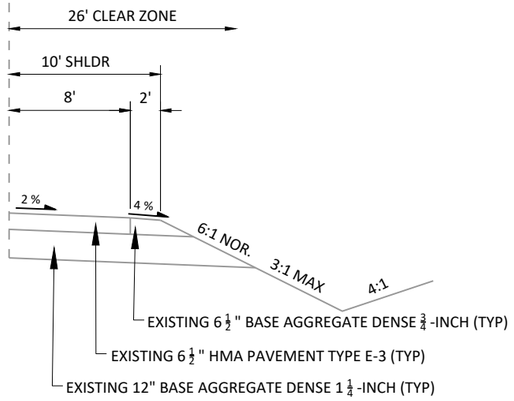
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 8	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (EX TYP SECTIONS).DWG
LAYOUT NAME - 05
PLOT DATE : 4/28/2025 5:22 PM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



STA 1547+64 - STA 1551+00





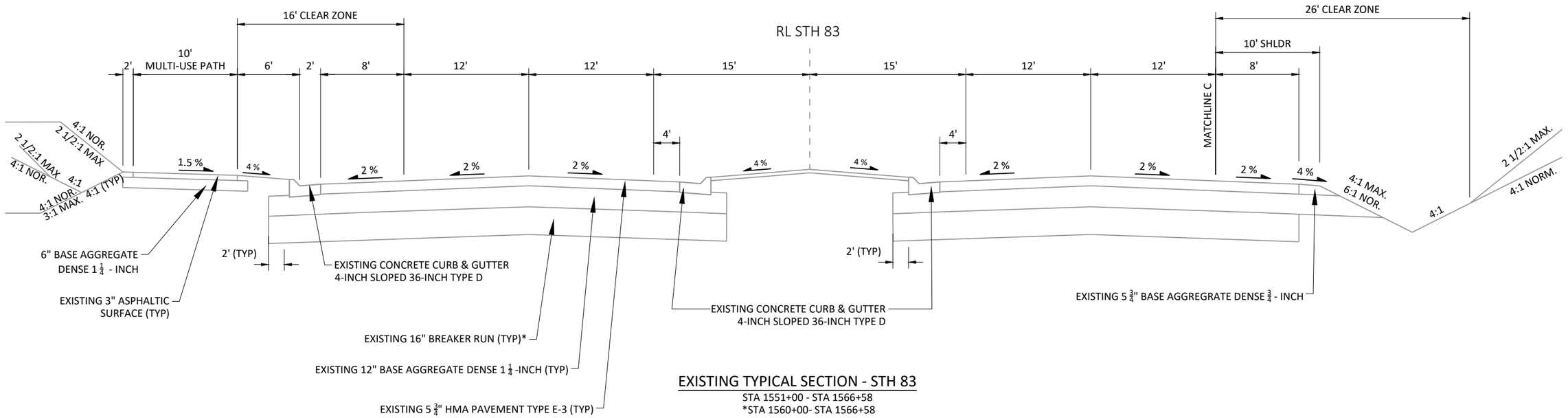
STA 1544+50 - STA 1551+00

EXISTING TYPICAL SECTION - STH 83

STA 1542+86 - STA 1551+00

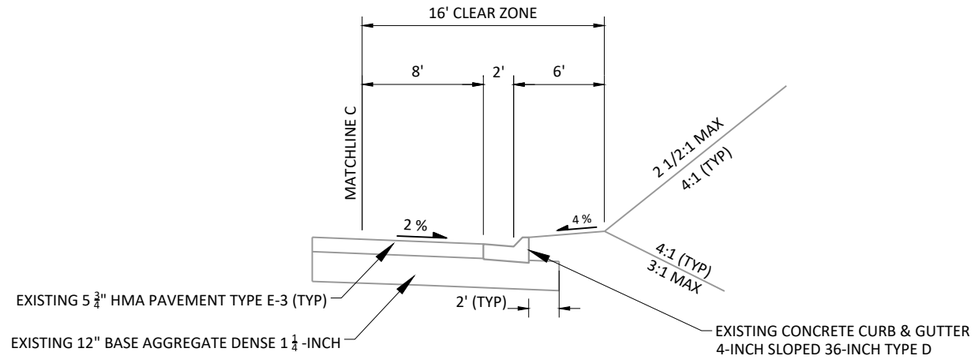
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 9	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (EX TYP SECTIONS).DWG
LAYOUT NAME - 06
PLOT DATE : 4/28/2025 5:22 PM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1 IN:10 FT



EXISTING TYPICAL SECTION - STH 83

STA 1551+00 - STA 1566+58
*STA 1560+00- STA 1566+58

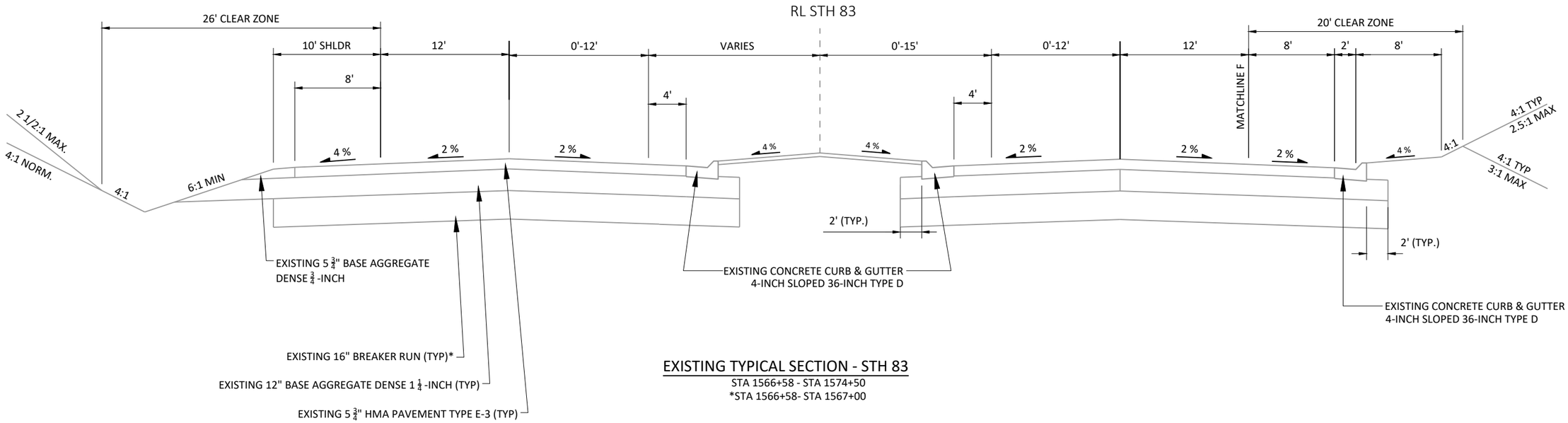


EXISTING URBAN TYPICAL SECTION - STH 83

STA 1554+70 - STA 1566+58

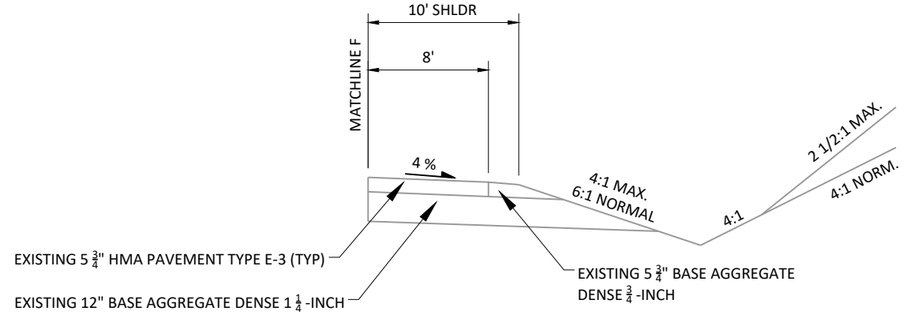
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 10	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (EX TYP SECTIONS).DWG
LAYOUT NAME - 07
PLOT DATE : 4/28/2025 5:22 PM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



EXISTING TYPICAL SECTION - STH 83

STA 1566+58 - STA 1574+50
*STA 1566+58- STA 1567+00

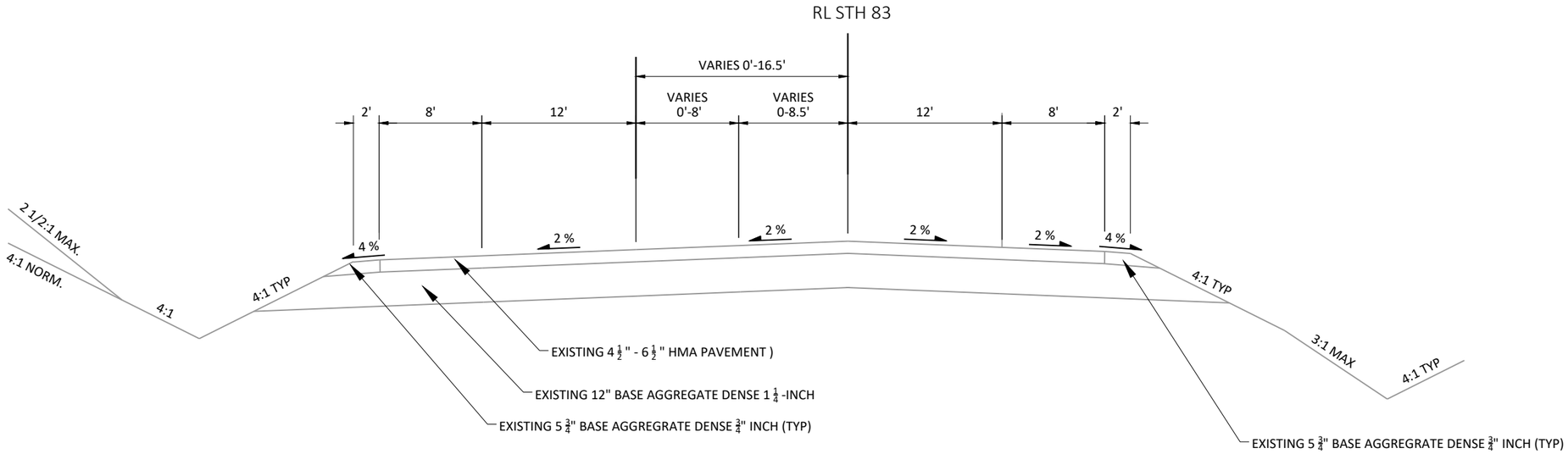


EXISTING RURAL TYPICAL SECTION - STH 83

STA 1572+50 - STA 1574+50

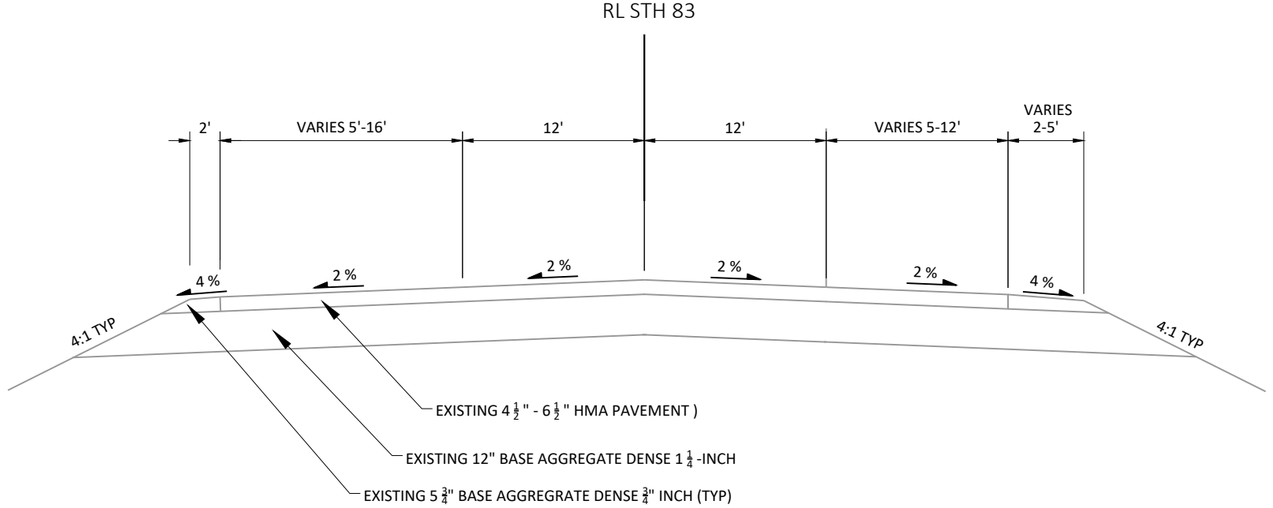
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 11	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (EX TYP SECTIONS).DWG
LAYOUT NAME - 08
PLOT DATE : 4/28/2025 5:22 PM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1 IN:10 FT



EXISTING TYPICAL SECTION - STH 83

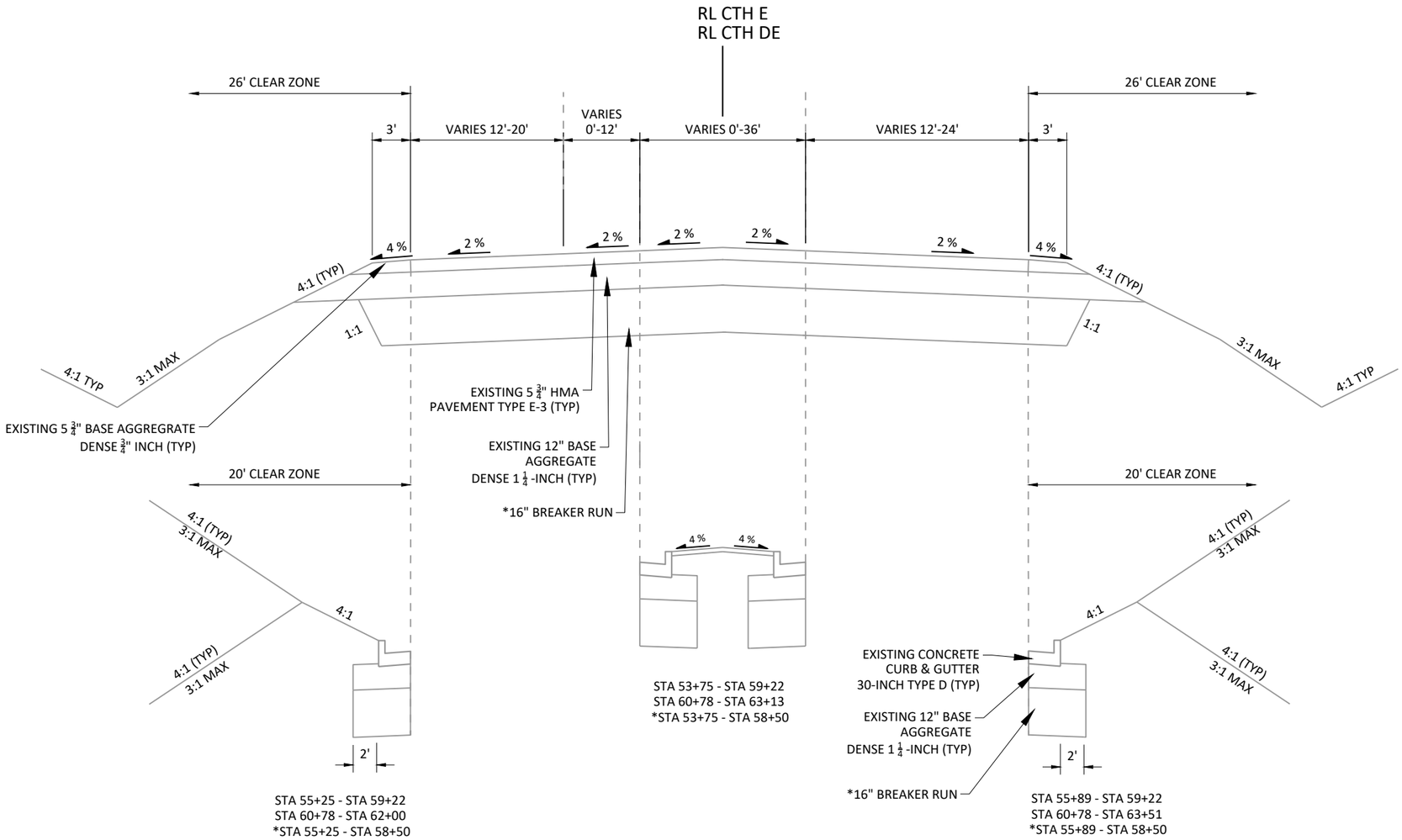
STA. 1574+50 - STA. 1579+85



EXISTING TYPICAL SECTION - STH 83

STA. 1579+85 - STA. 1587+00

2



STA 55+25 - STA 59+22
STA 60+78 - STA 62+00
*STA 55+25 - STA 58+50

STA 53+75 - STA 59+22
STA 60+78 - STA 63+13
*STA 53+75 - STA 58+50

STA 55+89 - STA 59+22
STA 60+78 - STA 63+51
*STA 55+89 - STA 58+50

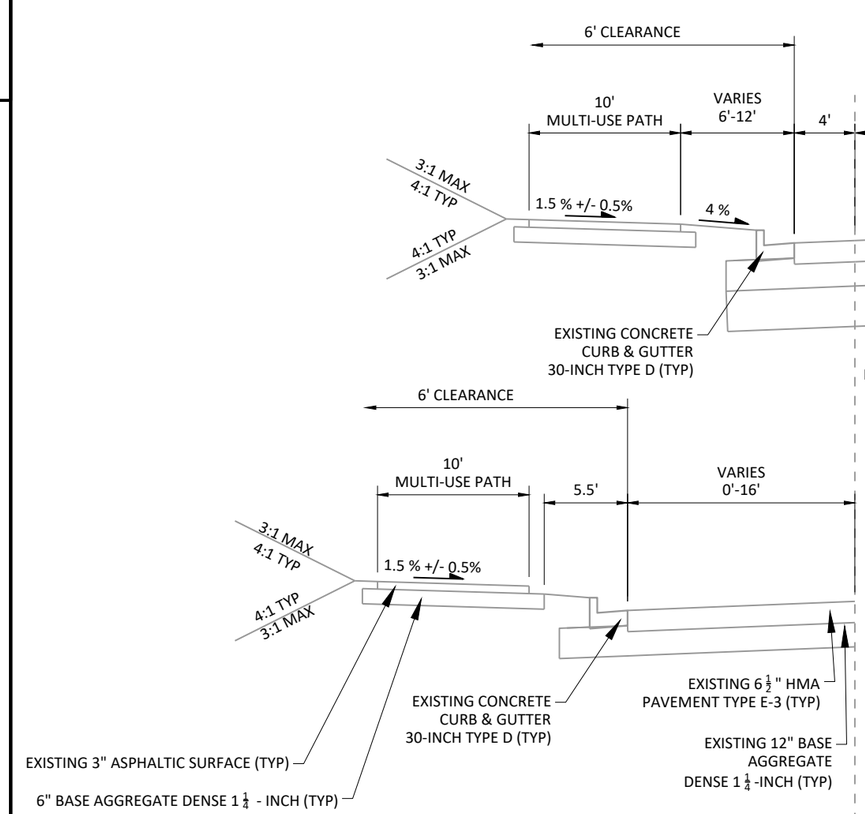
EXISTING TYPICAL SECTION - CTH E/DE

STA. 53+75 - STA 66+00
*STA. 53+75 - 58+50

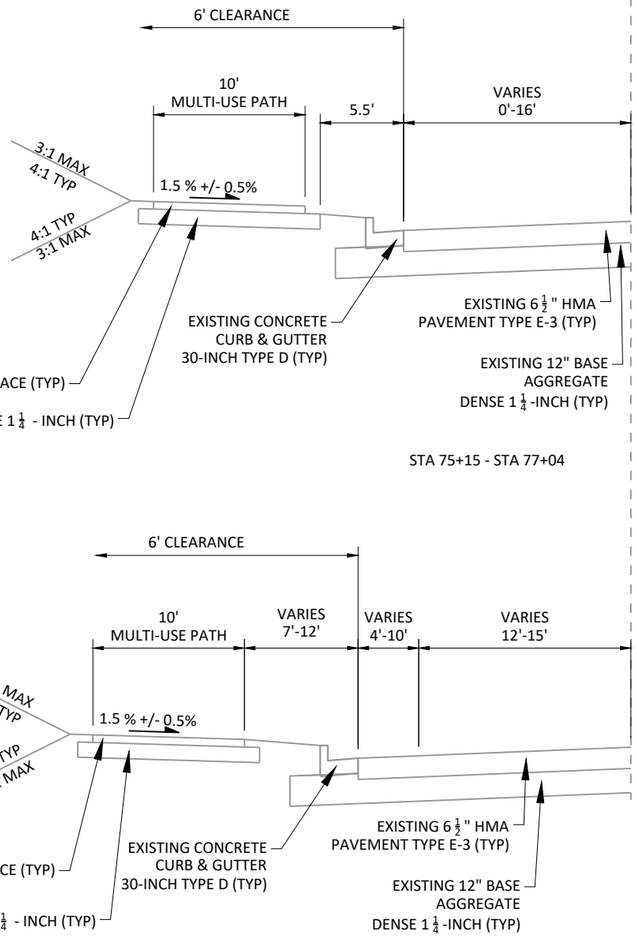
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 13	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (EX TYP SECTIONS).DWG
LAYOUT NAME - 10
PLOT DATE : 4/28/2025 5:22 PM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

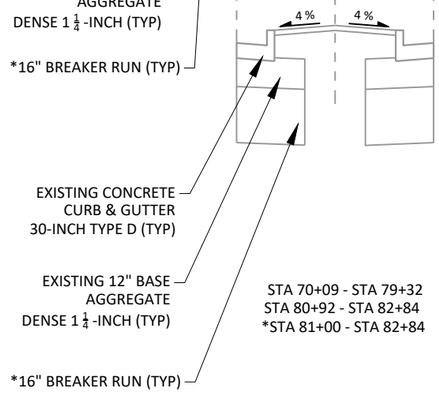
RL USH 18



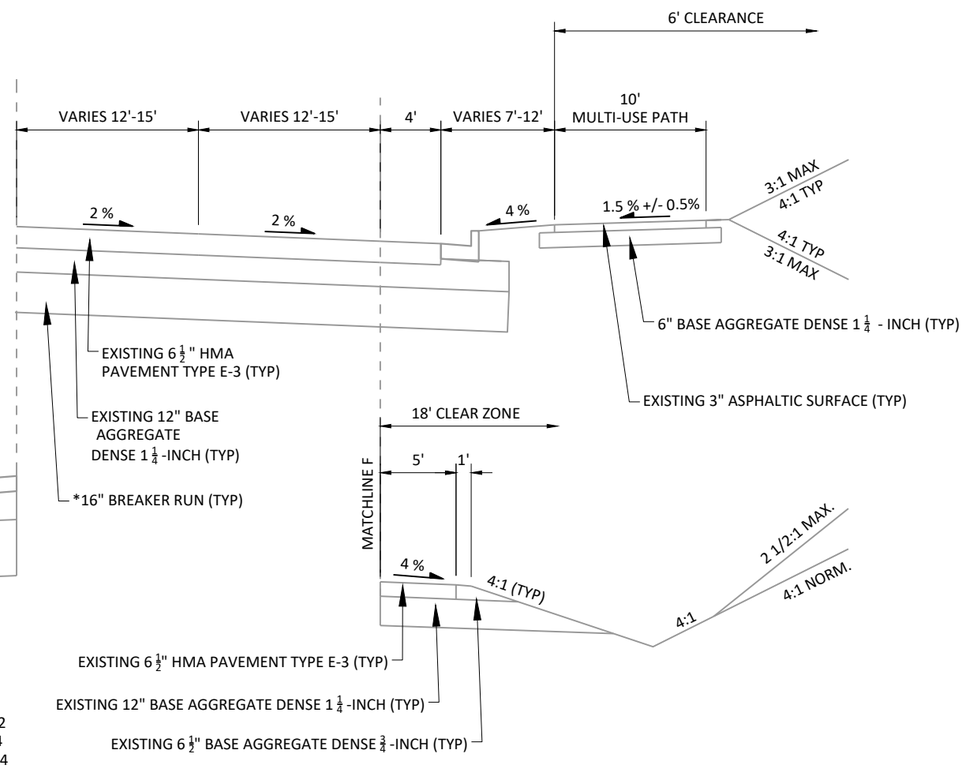
STA 75+15 - STA 77+04



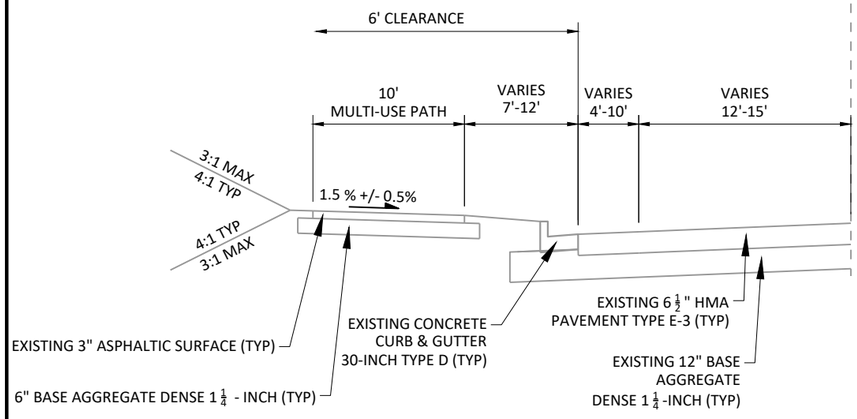
STA 80+92 - STA 87+00
*STA 82+84 - STA 85+00



STA 70+09 - STA 79+32
STA 80+92 - STA 82+84
*STA 81+00 - STA 82+84



STA 83+88 - STA 87+00

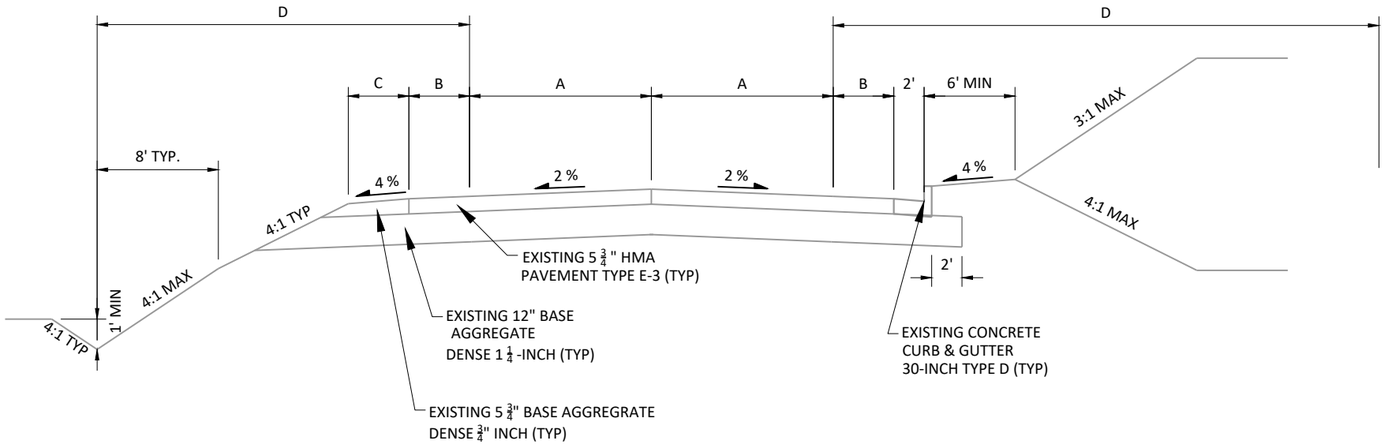


STA 80+92 - STA 87+00
*STA 82+84 - STA 85+00

EXISTING TYPICAL SECTION - USH 18

STA. 75+15 - STA 87+00

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 14	E



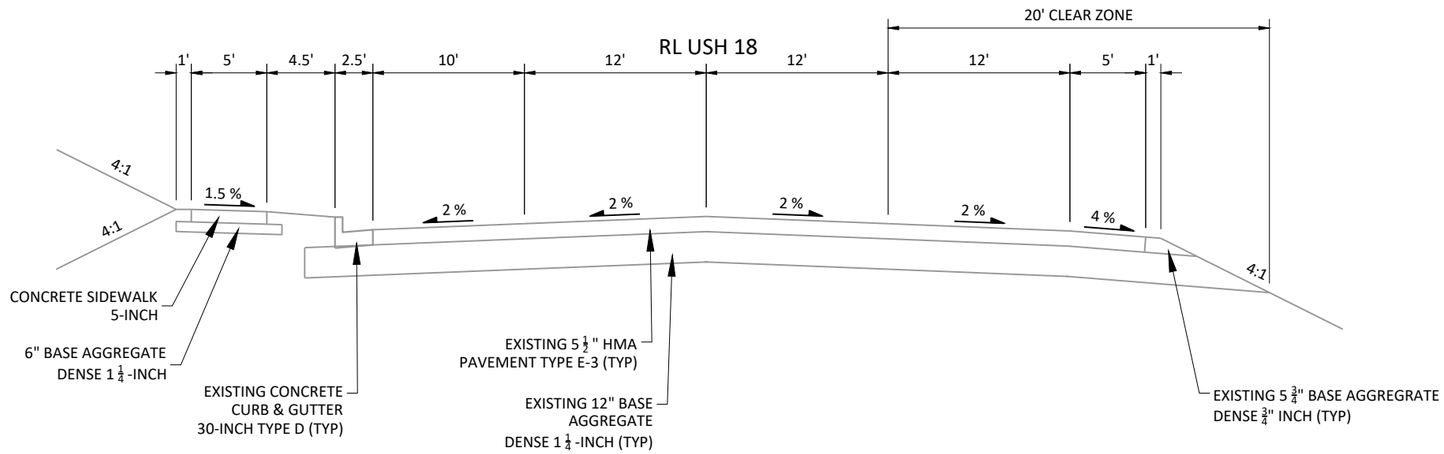
RURAL HALF-SECTION

URBAN HALF-SECTION

EXISTING TYPICAL SECTION - SIDE ROADS

SIDE ROADS

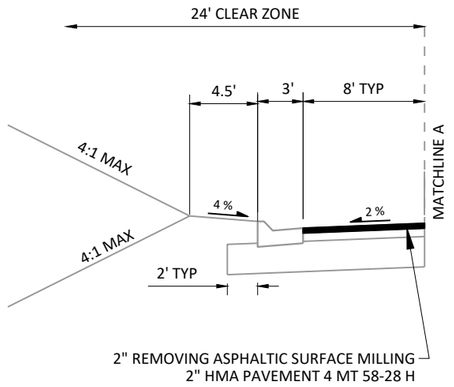
LOCATION	SECTION TYPE	DIMENSION A TRAVEL LANE FEET	DIMENSION B PAVED SHOULDER FEET	DIMENSION C AGG SHOULDER FEET	DIMENSION D CLEAR ZONE FEET
PERKINS RD	RURAL	12	0	3	14
LONDON DR	RURAL	12	0	3	14
HARVEST VIEW DR.	RURAL	12	0	3	14
PORTHAMEL CT	URBAN/RURAL	13	0	3	14
CTH G	URBAN/RURAL	12	0	3	14
BRANDYBROOK RD	URBAN/RURAL	12	0	3	14
WELSH RD (WEST)	URBAN/RURAL	12	0	3	14
WELSH RD (EAST)	URBAN/RURAL	14	0	3	14
BENTON CT.	URBAN	12	0	0	14
SOUTH ST	URBAN	12	0	0	14
CRIGLAS RD	URBAN/RURAL	12	0	3	14
MAIN ST (CTH G)	URBAN/RURAL	12	0	3	14
CYMRIC CT	URBAN/RURAL	15	0	3	14
HIGH MEADOW CIR	RURAL	15	0	3	14
HIGH MEADOW LN	RURAL	13	0	3	14
BOYS SCHOOL RD	RURAL	12	0	3	14
GLACIER PASS S	RURAL	15	0	3	14
GLACIER PASS N	RURAL	15	0	3	14



EXISTING TYPICAL SECTION - USH 18

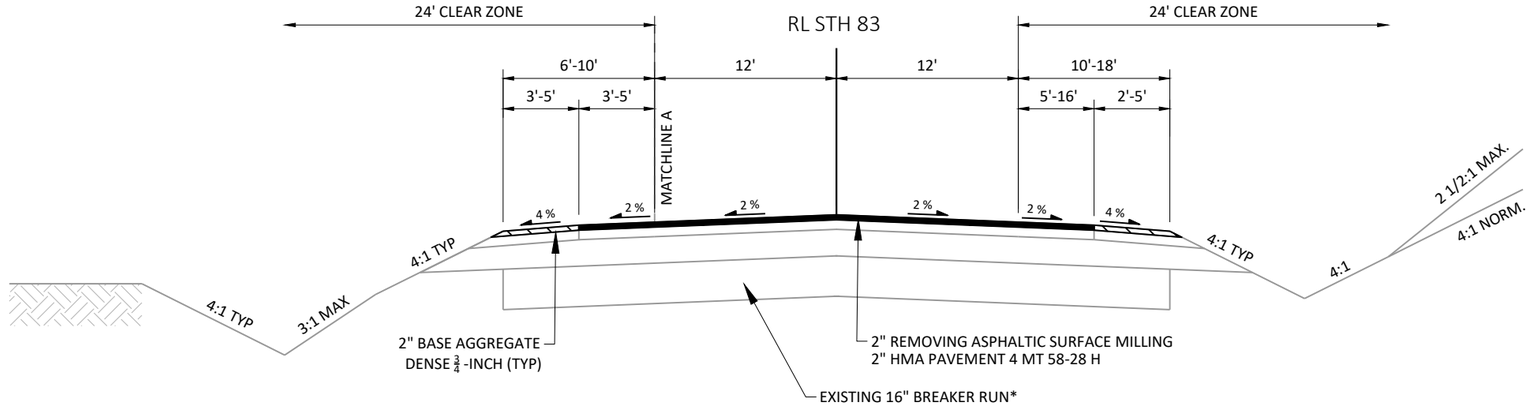
STA 87+00 - STA 96+50

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 15	E



URBAN SECTION - STH 83

STA 1426+10 - 1428+50 LT



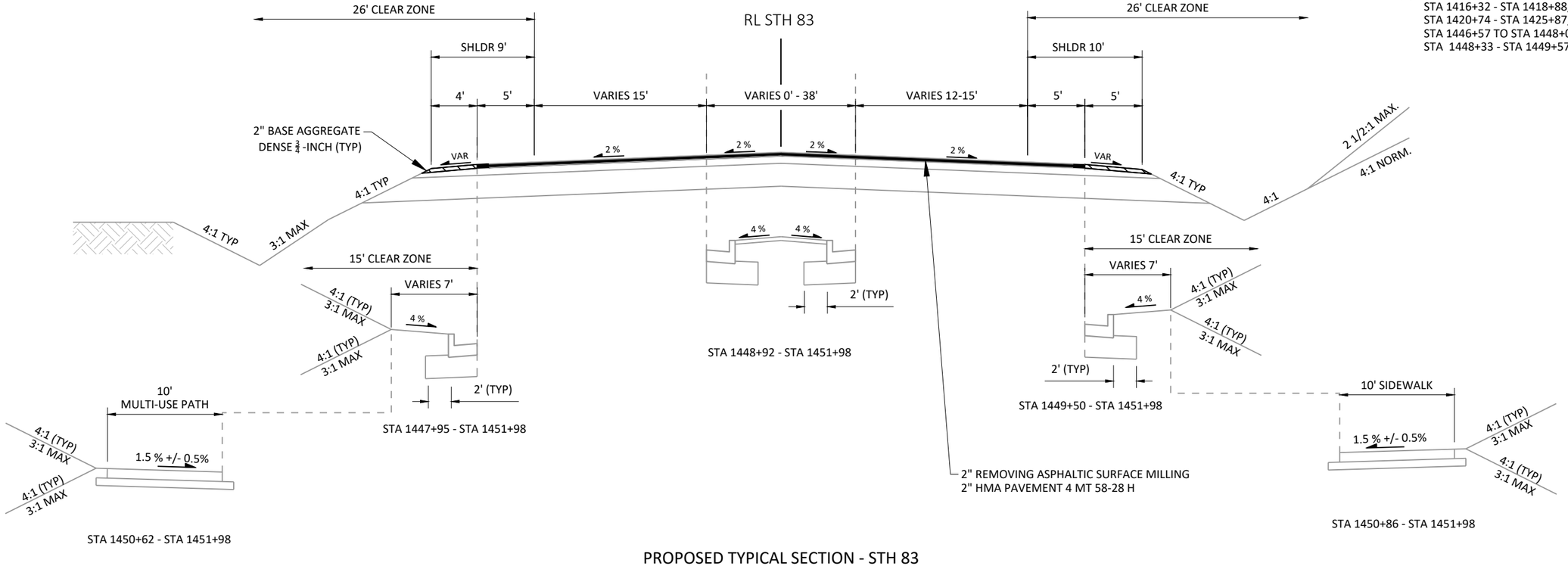
PROPOSED TYPICAL SECTION - STH 83

STA 1416+00 - STA 1447+00

*STA 1429+00 - STA 1434+00

NOTES:

(1) WIDEN PAVED SHOULDER WIDTH TO 5'
STA 1416+32 - STA 1418+88, LT
STA 1420+74 - STA 1425+87, LT
STA 1446+57 TO STA 1448+02, LT
STA 1448+33 - STA 1449+57, RT



STA 1447+95 - STA 1451+98

STA 1448+92 - STA 1451+98

STA 1449+50 - STA 1451+98

STA 1450+62 - STA 1451+98

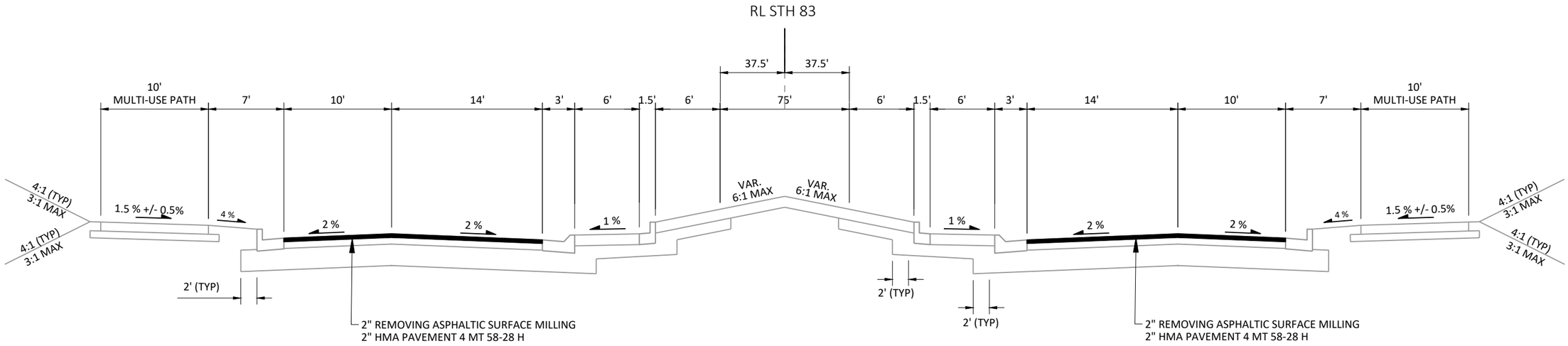
STA 1450+86 - STA 1451+98

PROPOSED TYPICAL SECTION - STH 83

STA 1447+00 - STA 1451+98

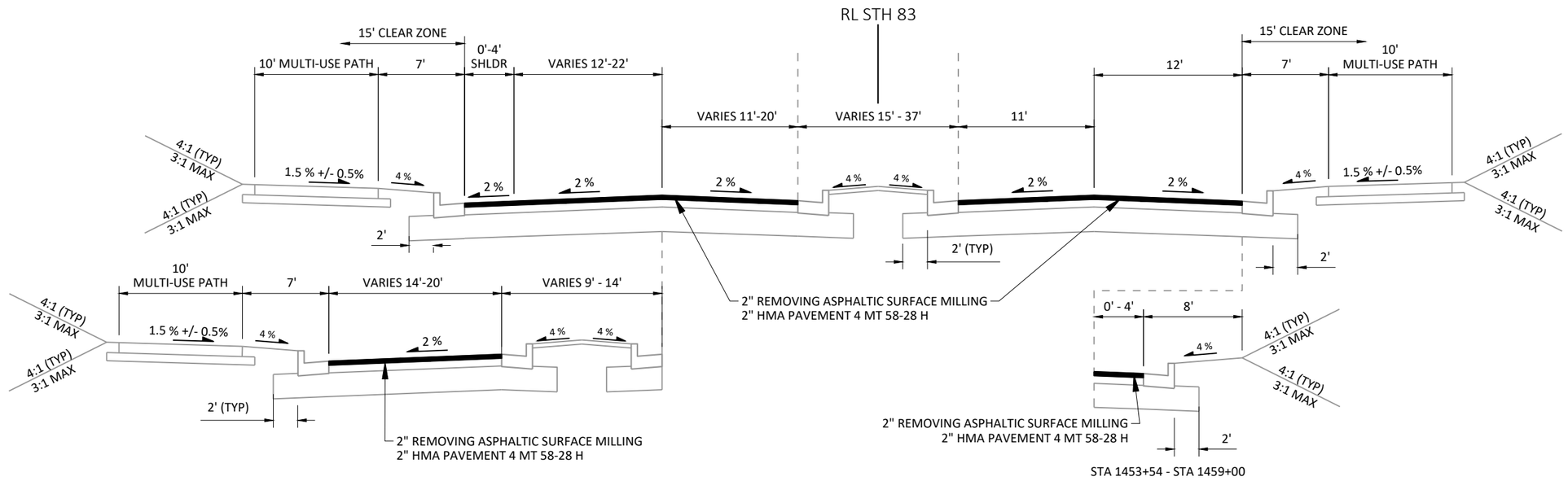
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 16	E

2



PROPOSED TYPICAL SECTION - STH 83

AT CTH E/CTH DE ROUNDABOUT CIRCLE



STA 1453+54 - STA 1454+66

STA 1453+54 - STA 1459+00

PROPOSED TYPICAL SECTION - STH 83

STA 1453+54 - STA 1459+00

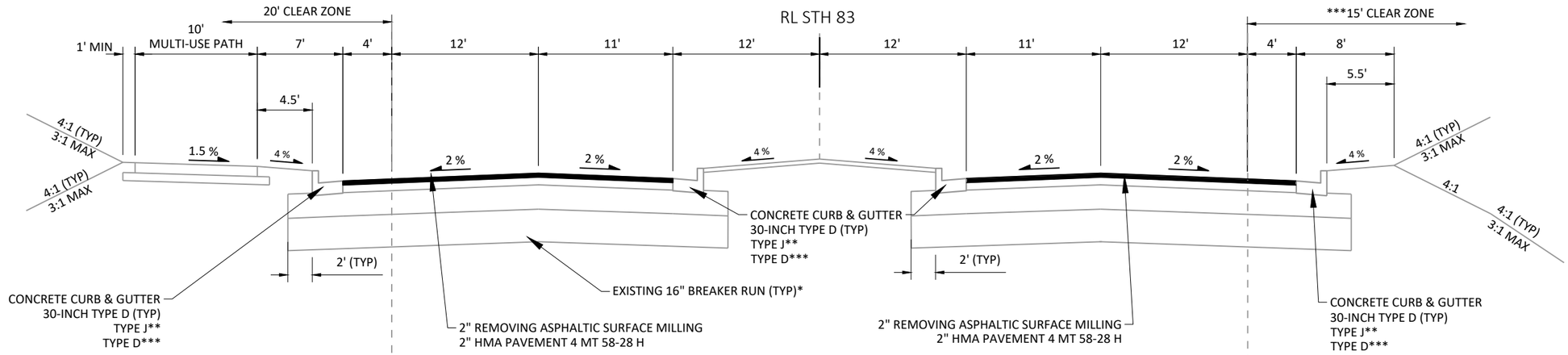
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 17	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (PROP TYP SECTIONS).DWG
LAYOUT NAME - 02

PLOT DATE : 4/28/2025 5:22 PM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1 IN:10 FT

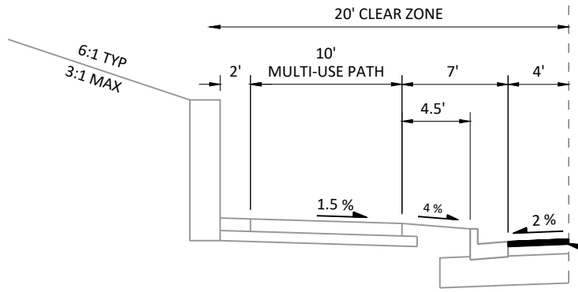
WISDOT/CADDS SHEET 42

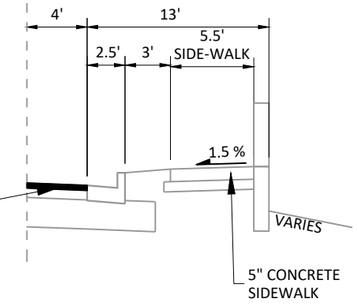
2



PROPOSED TYPICAL SECTION - STH 83

*STA 1459+00 - STA 1462+00
*STA 1500+00 - STA 1506+00
*STA 1517+00 - STA 1522+00
**STA 1459+00 - STA 1483+00
***STA 1500+00 - STA 1533+00





2" REMOVING ASPHALTIC SURFACE MILLING
2" HMA PAVEMENT 4 MT 58-28 H

EXISTING RETAINING WALL SECTION - STH 83 (TO REMAIN)

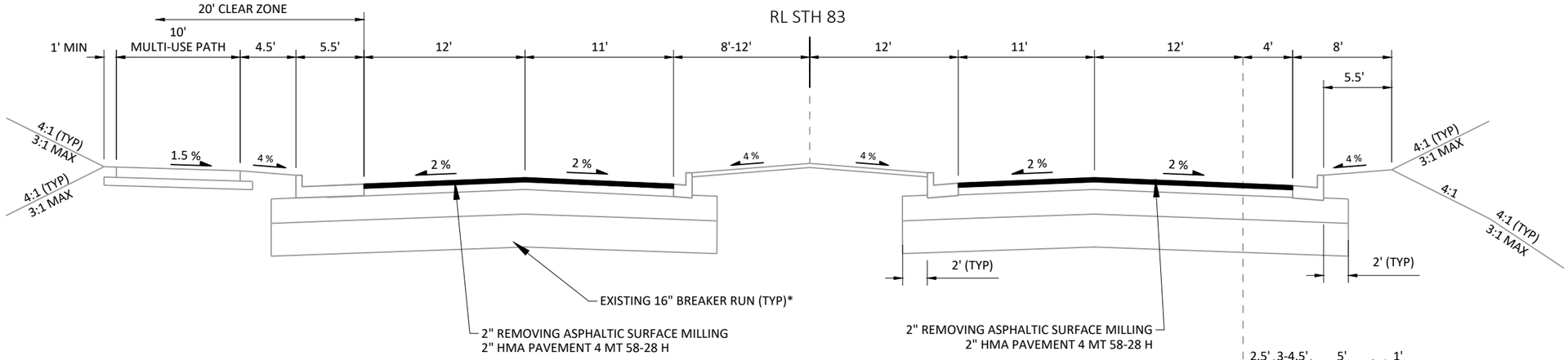
STA 1506+15 - STA 1509+75

EXISTING RETAINING WALL SECTION - STH 83 (TO REMAIN)

STA 1502+10 - STA 1507+93RT

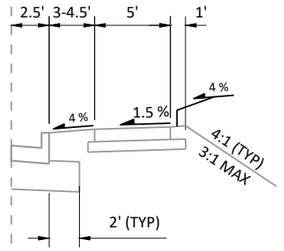
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 18	E

2



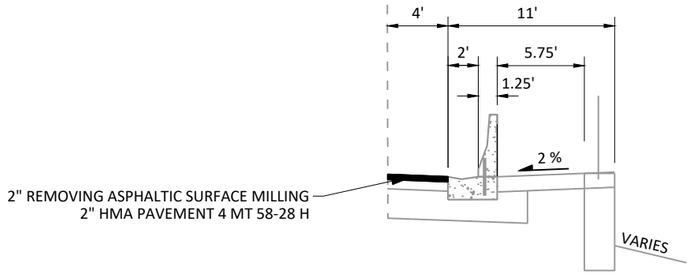
PROPOSED TYPICAL SECTION - STH 83

STA 1483+00 - STA 1500+00
*STA 1486+00 - STA 1500+00



PROPOSED SIDEWALK SECTION - STH 83

STA 1486+00 - STA 1530+50

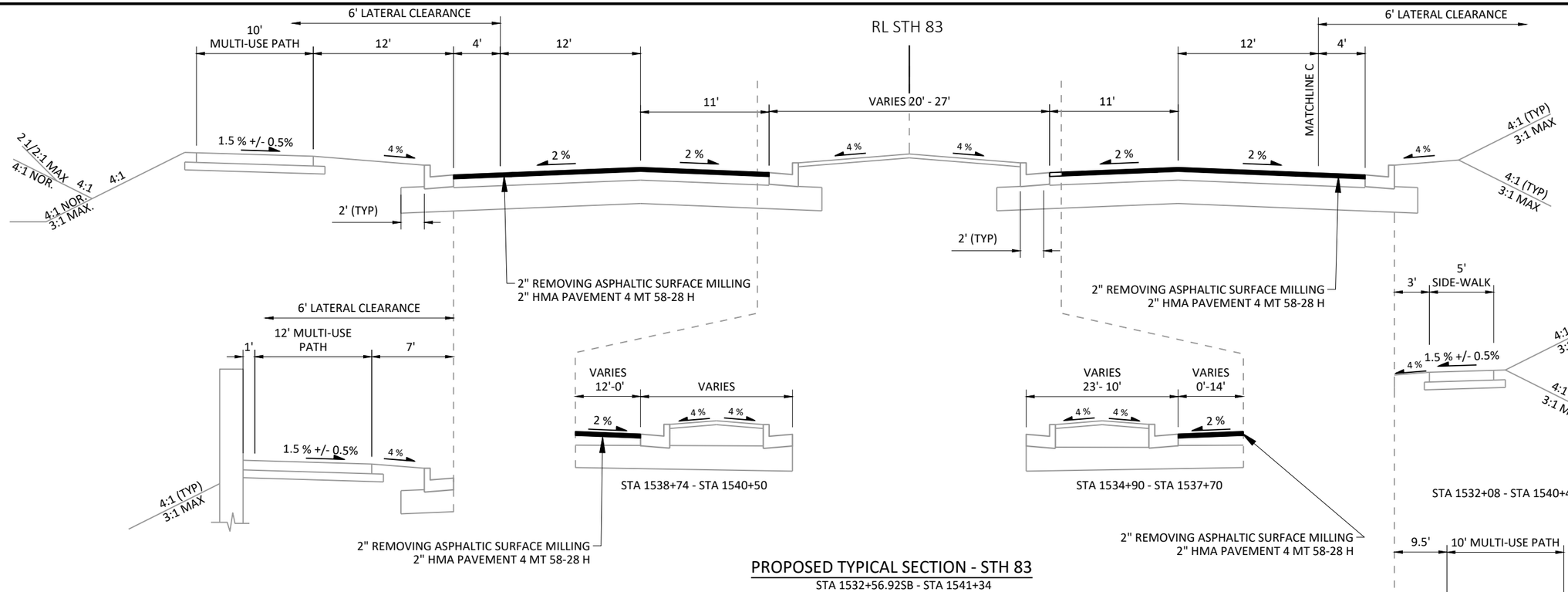


EXISTING RETAINING WALL SECTION - STH 83 (TO REMAIN)

STA 1482+70 - STA 1484+25 (CTH G - BRANDYBROOK ROAD)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 19	E

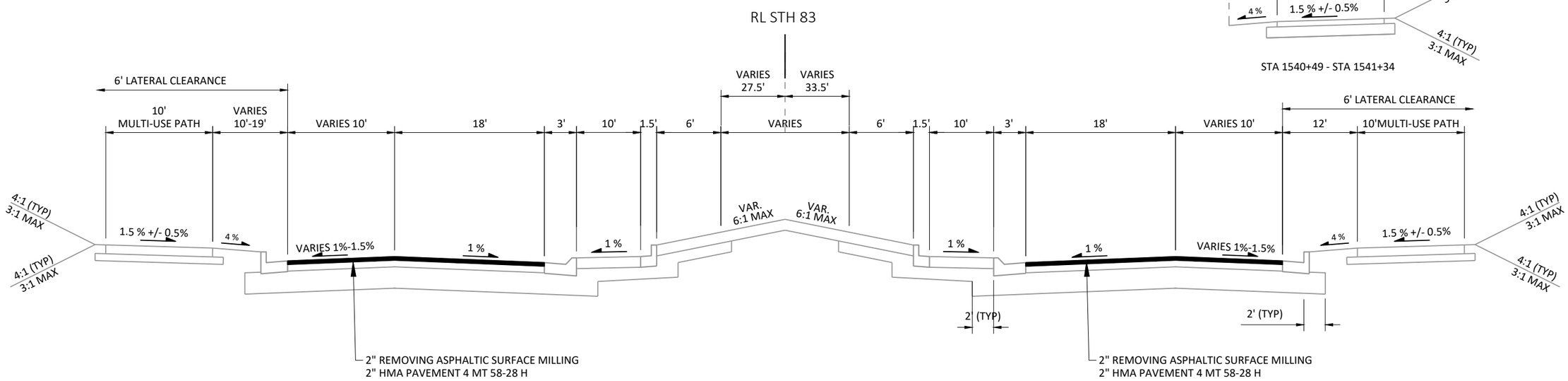
FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (PROP TYP SECTIONS).DWG
LAYOUT NAME - 04
PLOT DATE : 4/28/2025 5:22 PM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



PROPOSED TYPICAL SECTION - STH 83

STA 1532+56.92SB - STA 1541+34
STA 1532+24.11NB - STA 1541+34

STA 1533+00 - STA 1536+28

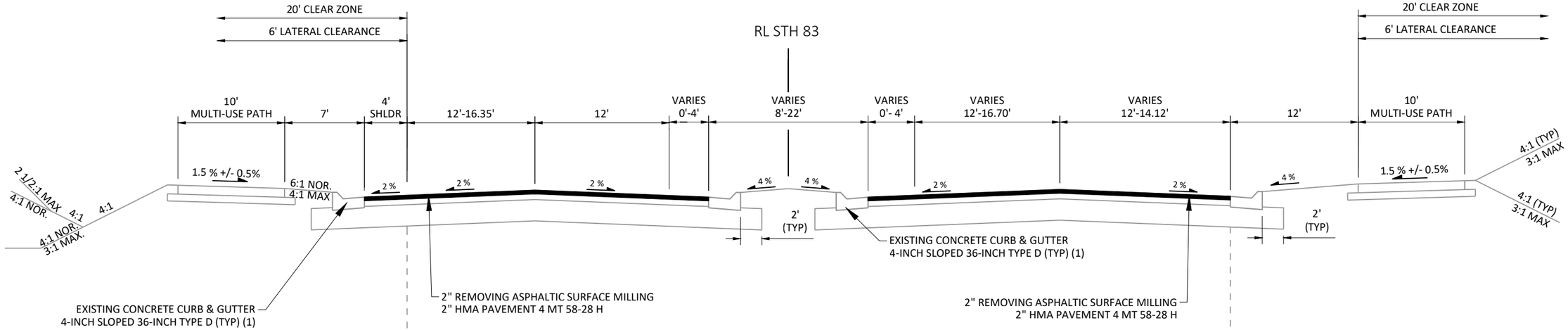


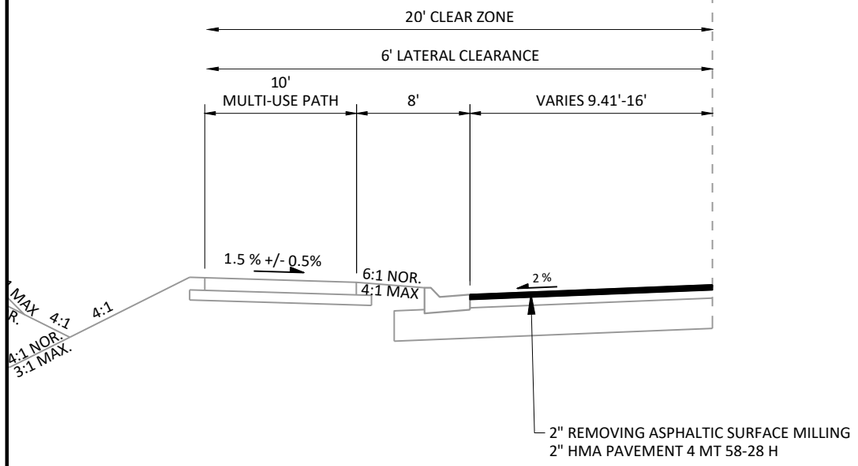
PROPOSED TYPICAL SECTION - STH 83

AT USH 18 ROUNDABOUT CIRCLE

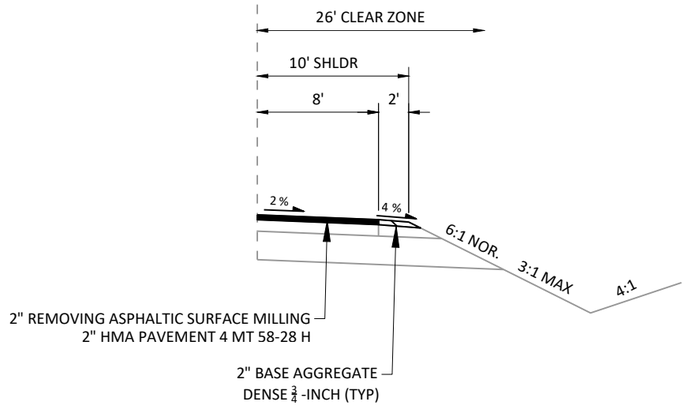
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 20	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (PROP TYP SECTIONS).DWG
LAYOUT NAME - 05
PLOT DATE : 4/28/2025 5:22 PM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42





STA 1547+64 - STA 1551+00



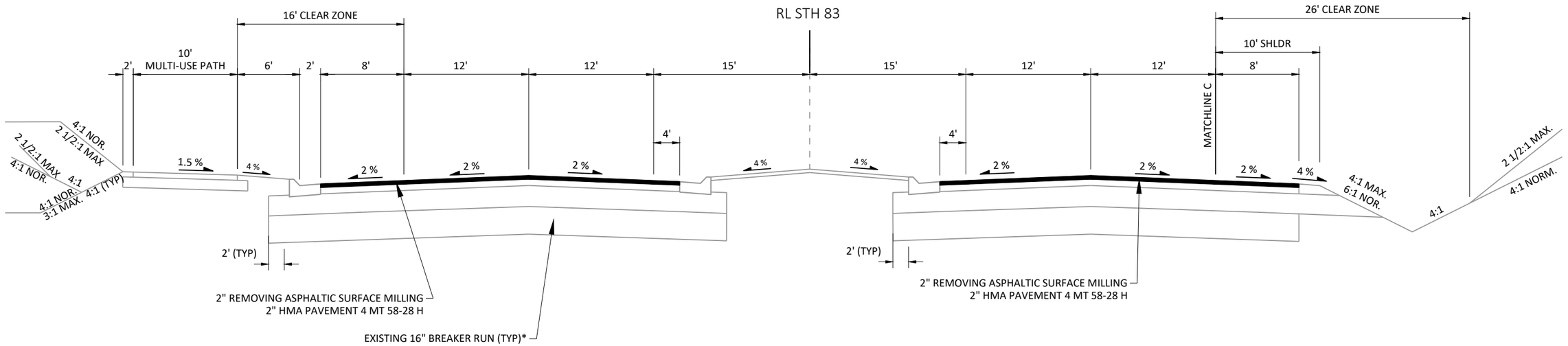
STA 1544+50 - STA 1551+00

PROPOSED TYPICAL SECTION - STH 83

STA 1542+86 - STA 1551+00

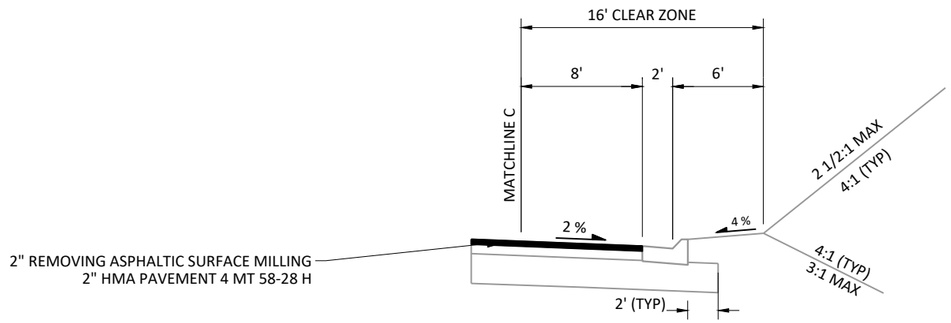
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 21	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (PROP TYP SECTIONS).DWG
LAYOUT NAME - 06
PLOT DATE : 7/14/2025 7:44 AM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



PROPOSED TYPICAL SECTION - STH 83

STA 1551+00 - STA 1566+58
*STA 1560+00- STA 1566+58



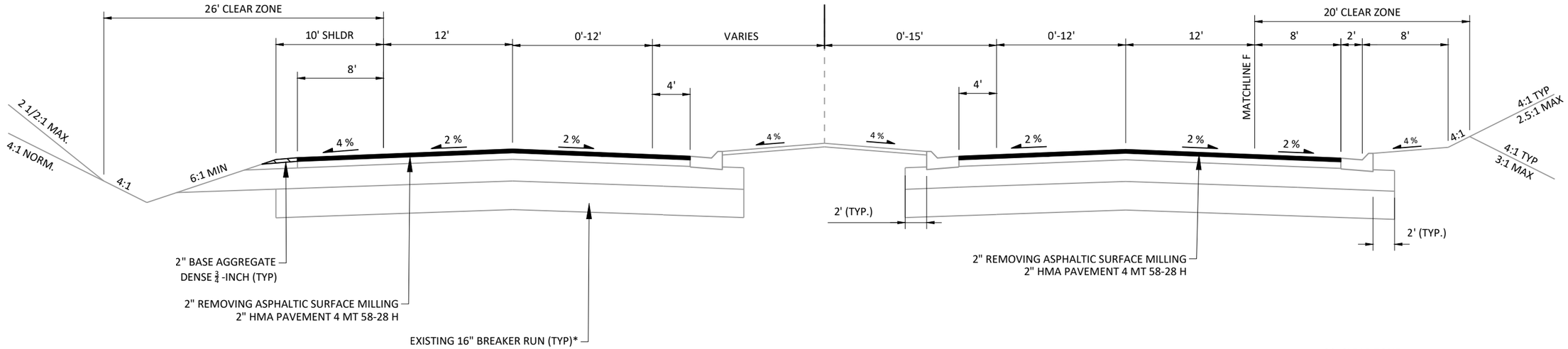
PROPOSED URBAN TYPICAL SECTION - STH 83

STA 1554+70 - STA 1566+58

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 22	E

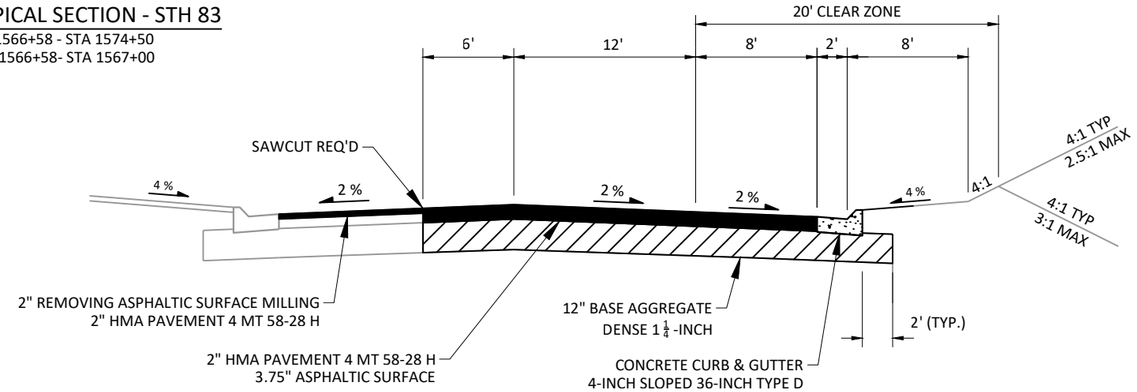
FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (PROP TYP SECTIONS).DWG
LAYOUT NAME - 07
PLOT DATE : 4/28/2025 5:22 PM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

RL STH 83



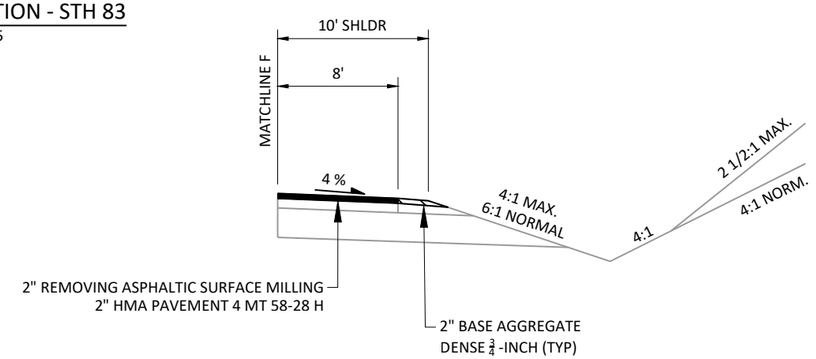
PROPOSED TYPICAL SECTION - STH 83

STA 1566+58 - STA 1574+50
*STA 1566+58- STA 1567+00



PROPOSED RURAL TYPICAL SECTION - STH 83

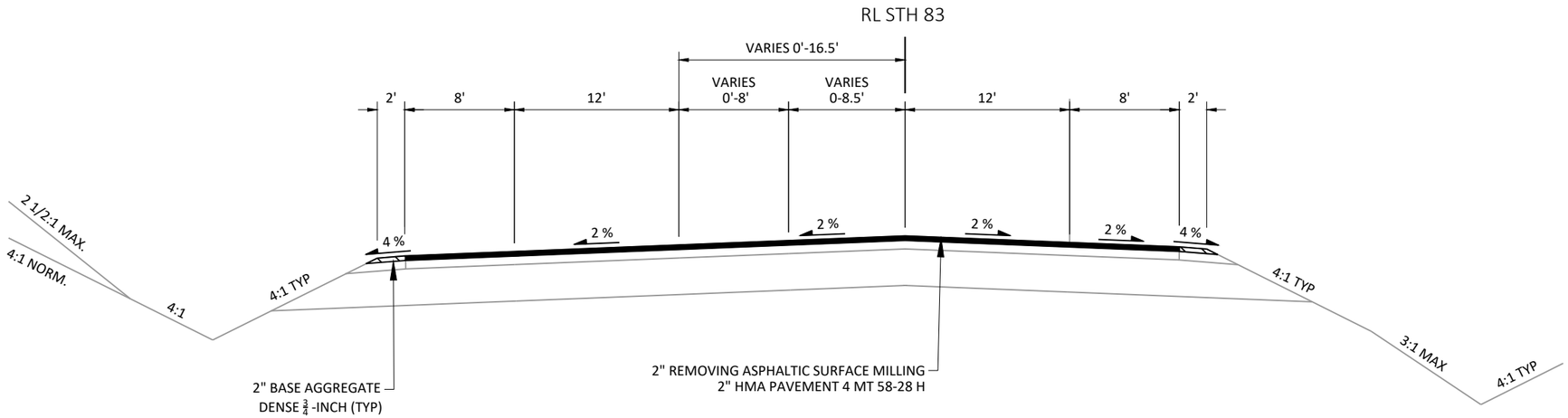
STA 1570+95 - STA 1571+05



PROPOSED RURAL TYPICAL SECTION - STH 83

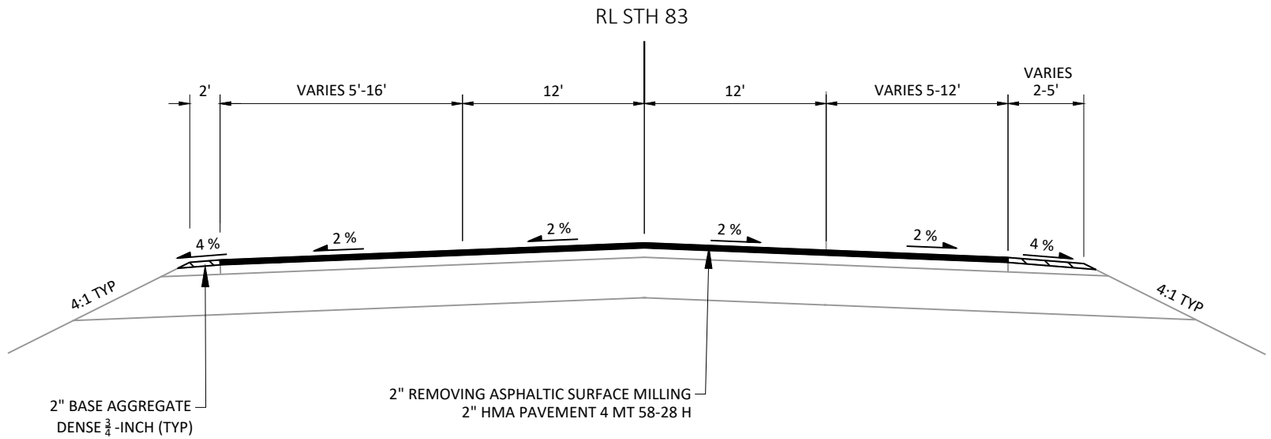
STA 1572+50 - STA 1574+50

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 23	E



PROPOSED TYPICAL SECTION - STH 83

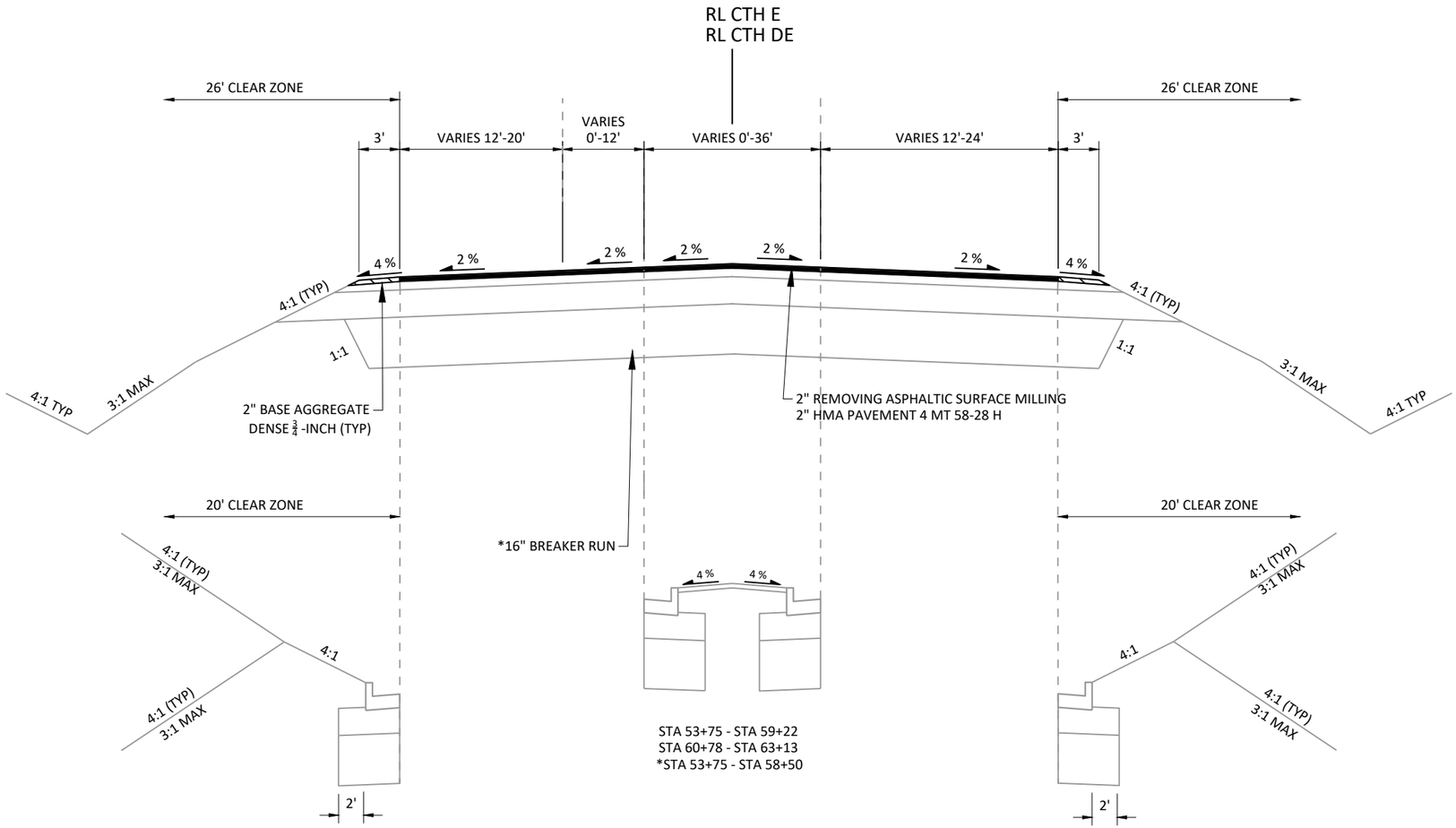
STA. 1574+50 - STA. 1579+85



PROPOSED TYPICAL SECTION - STH 83

STA. 1579+85 - STA. 1584+50

2



STA 55+25 - STA 59+22
STA 60+78 - STA 62+00
*STA 55+25 - STA 58+50

STA 53+75 - STA 59+22
STA 60+78 - STA 63+13
*STA 53+75 - STA 58+50

STA 55+89 - STA 59+22
STA 60+78 - STA 63+51
*STA 55+89 - STA 58+50

PROPOSED TYPICAL SECTION - CTH E/DE

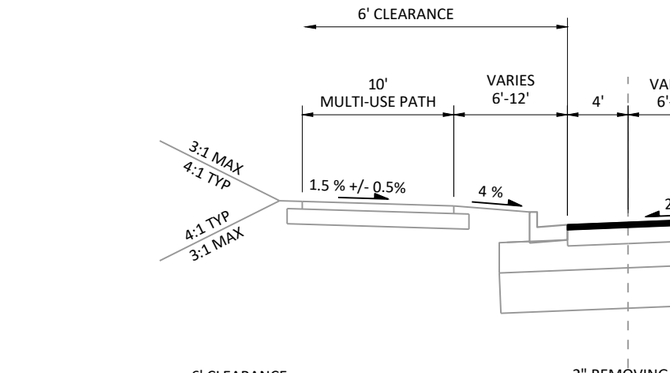
STA. 53+75 - STA 66+00
*STA. 53+75 - 58+50

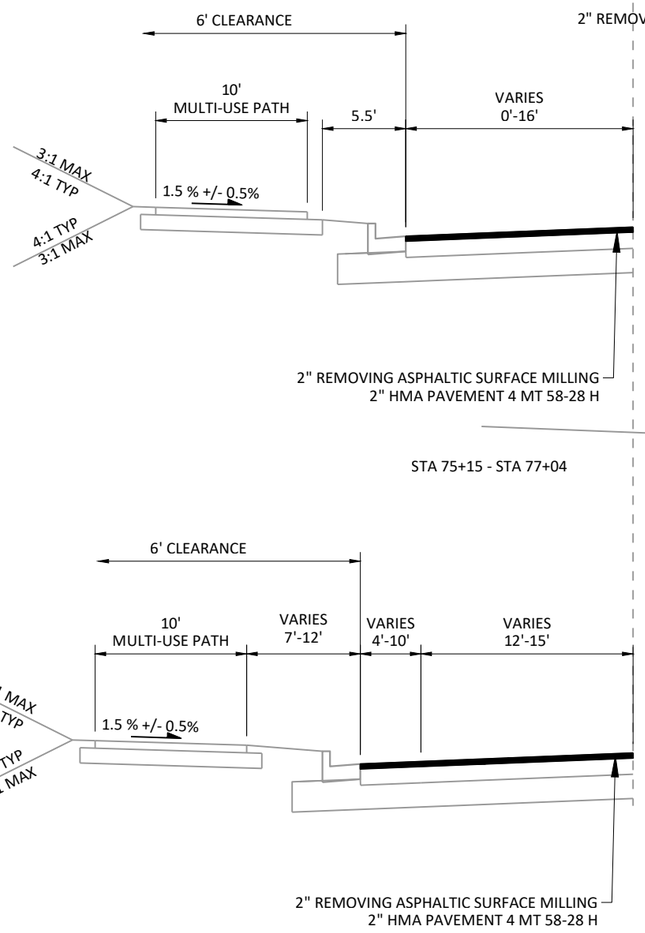
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 25	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (PROP TYP SECTIONS).DWG
LAYOUT NAME - 10
PLOT DATE : 4/28/2025 5:22 PM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

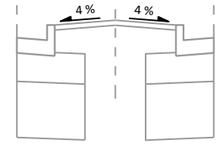
RL USH 18



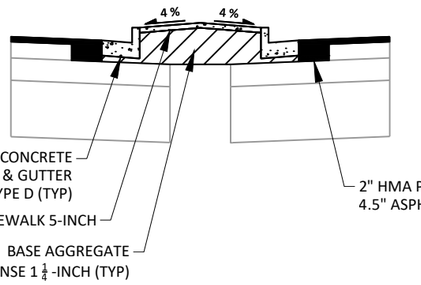


STA 75+15 - STA 77+04

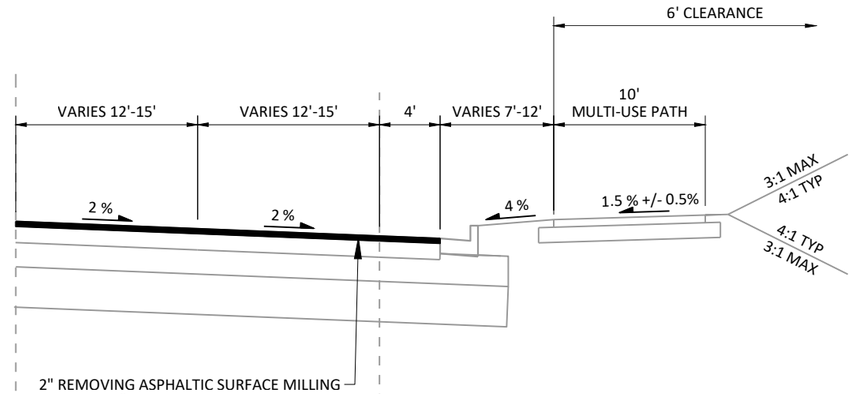
STA 80+92 - STA 87+00
*STA 82+84 - STA 85+00

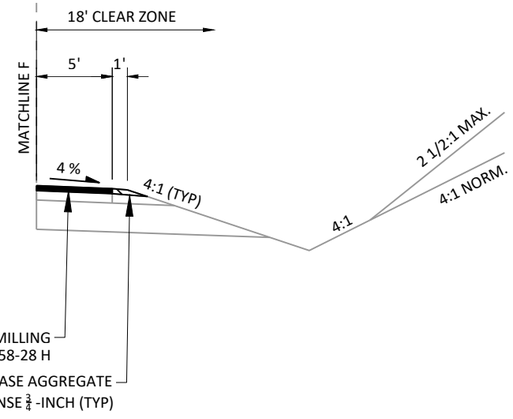


STA 74+54 - STA 79+32
STA 80+92 - STA 82+56
*STA 81+00 - STA 82+56



STA 82+56 - STA 83+25



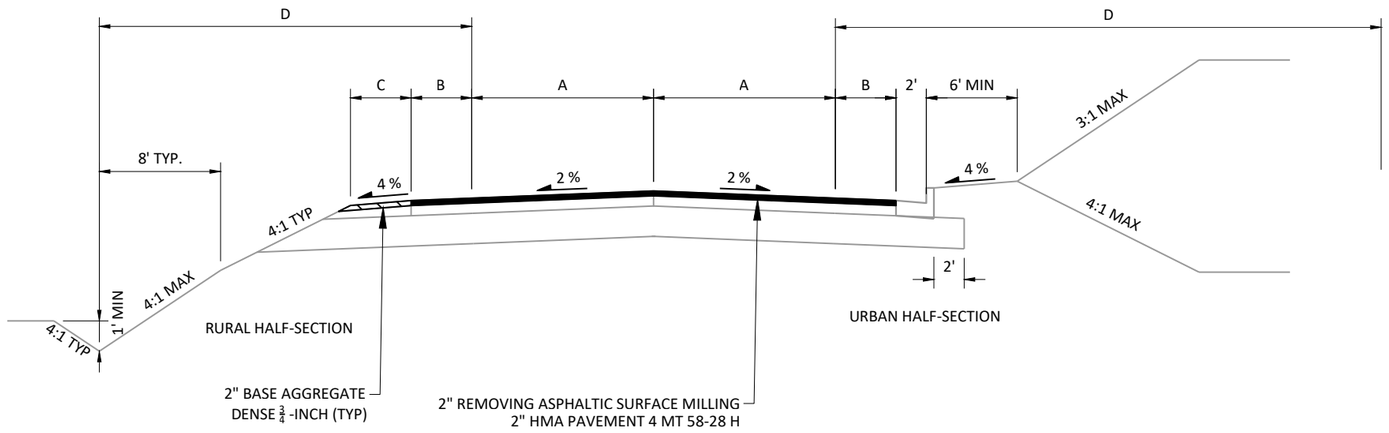


STA 83+88 - STA 87+00

PROPOSED TYPICAL SECTION - USH 18

STA. 75+15 - STA 87+00

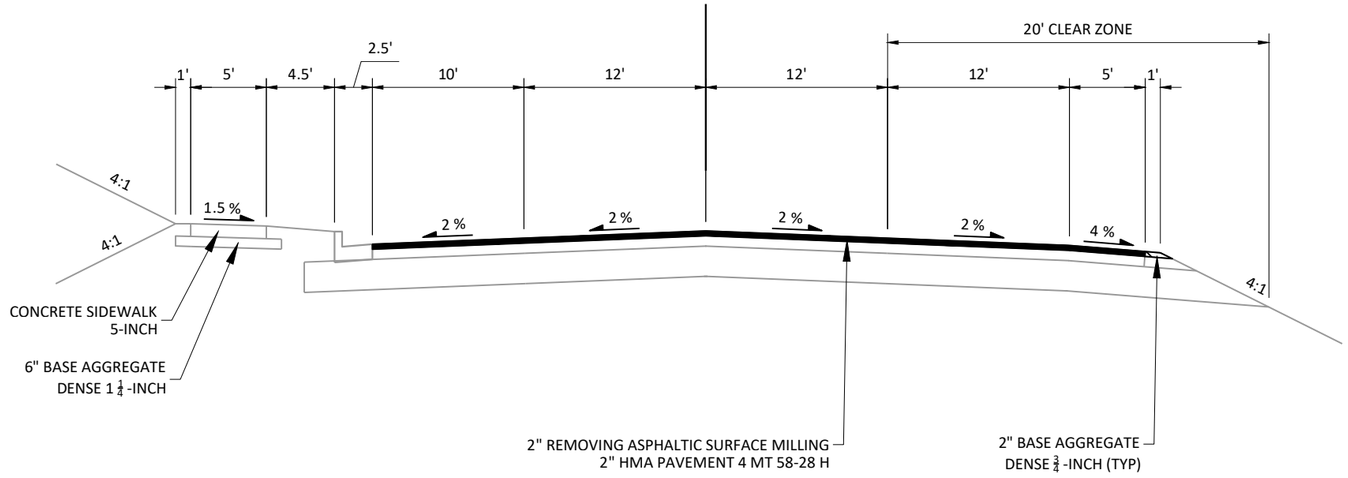
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 26	E



PROPOSED TYPICAL SECTION - SIDE ROADS

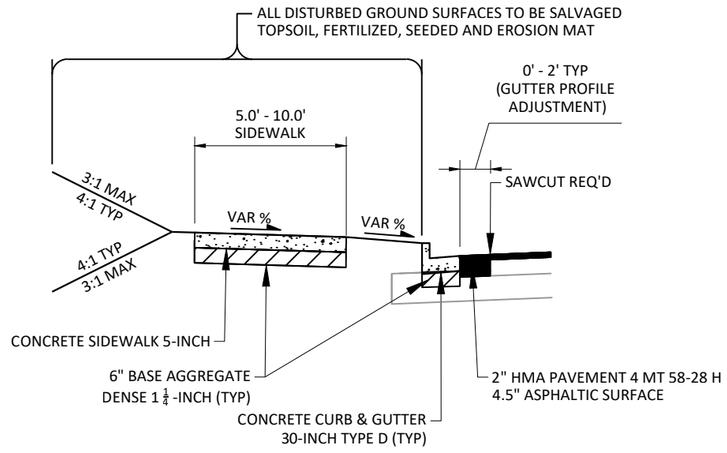
SIDE ROADS

LOCATION	SECTION TYPE	DIMENSION A TRAVEL LANE FEET	DIMENSION B PAVED SHOULDER FEET	DIMENSION C AGG SHOULDER FEET	DIMENSION D CLEAR ZONE FEET
PERKINS RD	RURAL	12	0	3	14
LONDON DR	RURAL	12	0	3	14
HARVEST VIEW DR.	RURAL	12	0	3	14
PORTHAMEL CT	URBAN/RURAL	13	0	3	14
CTH G	URBAN/RURAL	12	0	3	14
BRANDYBROOK RD	URBAN/RURAL	12	0	3	14
WELSH RD (WEST)	URBAN/RURAL	12	0	3	14
WELSH RD (EAST)	URBAN/RURAL	14	0	3	14
BENTON CT.	URBAN	12	0	0	14
SOUTH ST	URBAN	12	0	0	14
CRIGLAS RD	URBAN/RURAL	12	0	3	14
MAIN ST (CTH G)	URBAN/RURAL	12	0	3	14
CYMRIC CT	URBAN/RURAL	15	0	3	14
HIGH MEADOW CIR	RURAL	15	0	3	14
HIGH MEADOW LN	RURAL	13	0	3	14
BOYS SCHOOL RD	RURAL	12	0	3	14
GLACIER PASS S	RURAL	15	0	3	14
GLACIER PASS N	RURAL	15	0	3	14



PROPOSED TYPICAL SECTION - USH 18

STA 87+00 - STA 96+50



PROPOSED TYPICAL SECTION - SIDEWALK REPLACEMENT

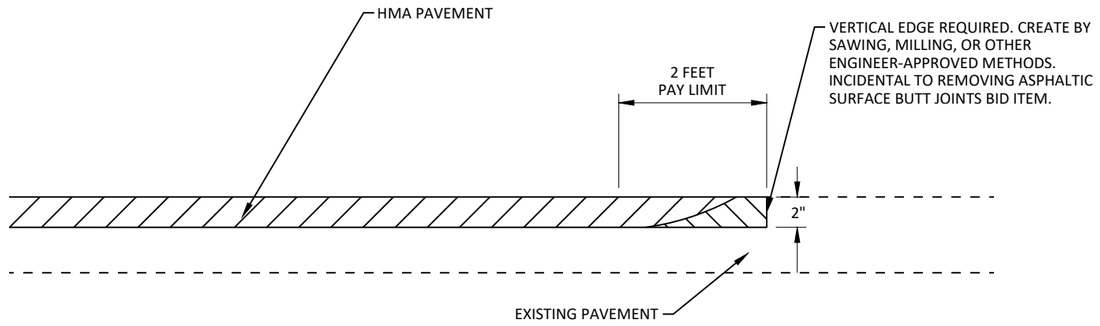
SEE CURB RAMP DETAILS FOR LOCATIONS, WIDTHS, AND GRADES

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET	E

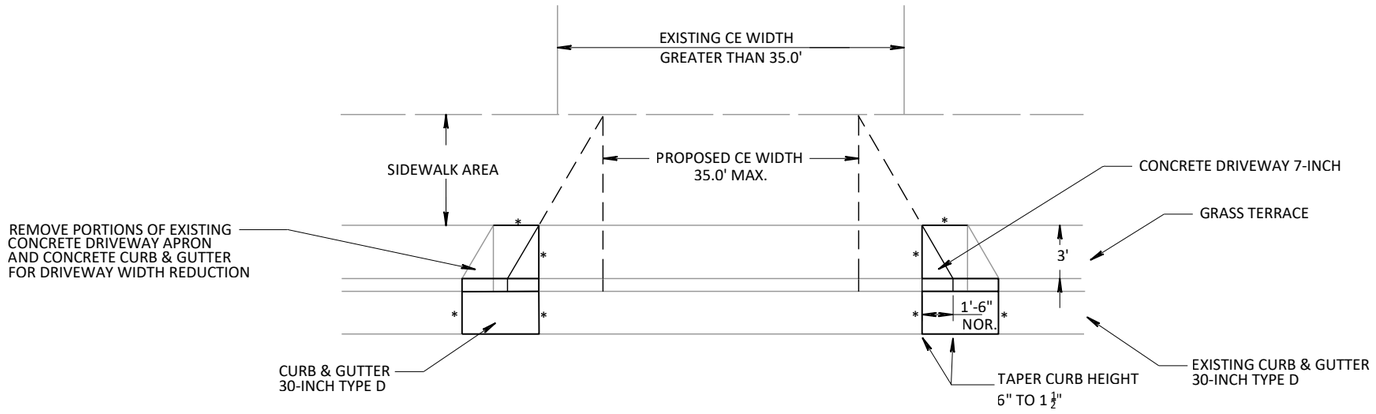
FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\020300_TS (PROP TYP SECTIONS).DWG
LAYOUT NAME - 12

PLOT DATE : 7/23/2025 12:39 PM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1 IN:10 FT

2



BUTT JOINT - NO CHANGE IN PROFILE



EXISTING DRIVEWAY WIDTH REDUCTION DETAIL

* SAWING CONCRETE REQ'D

LEGEND

ASPHALTIC REPAIR

SSSSSS VERTICAL MILLED EDGE
SAW CUTTING AT THE CONTRACTORS DISCRETION

TTTTTT TACK COAT

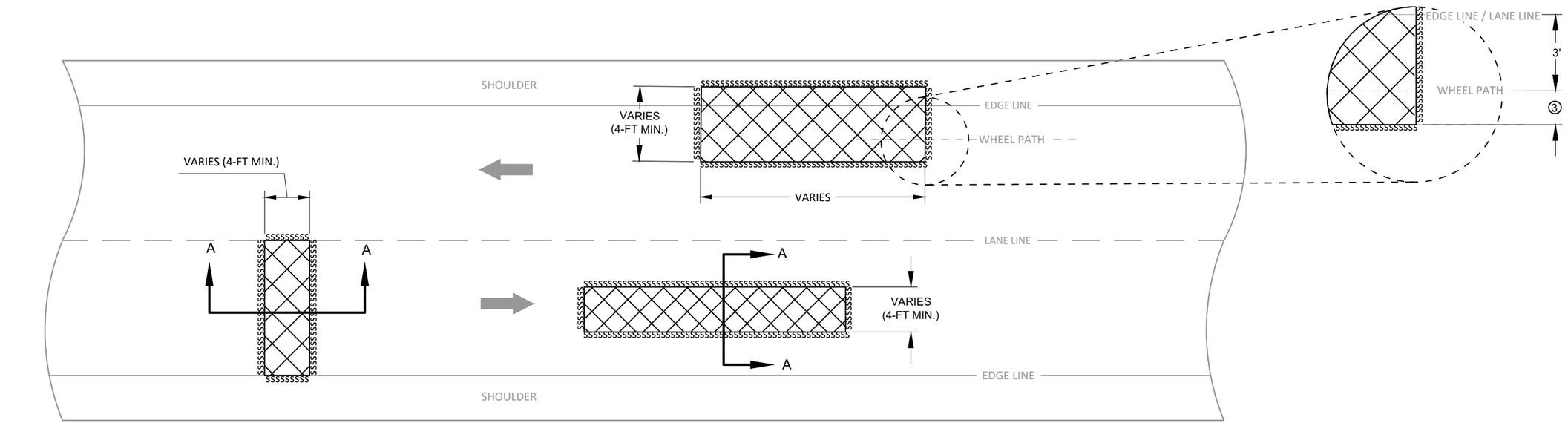
GENERAL NOTES

① EXACT LOCATION, DEPTH AND SIZE OF REPAIR TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

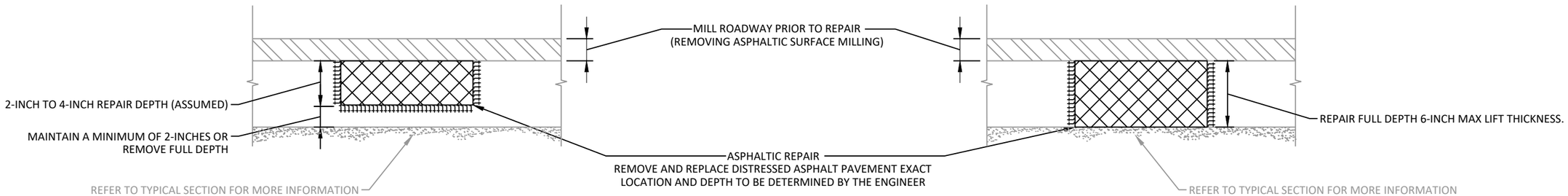
② MILL PAVEMENT PER PLAN PRIOR TO MAKING ASPHALTIC REPAIR.

③ LOCATE LONGITUDINAL REPAIR JOINTS OUTSIDE OF WHEEL PATH. 12-INCH MINIMUM (24-INCH RECOMMENDED) FROM THE CENTER OF THE WHEEL PATH.

④ ASPHALTIC REPAIR PAVING TO BE DONE ON THE SAME DAY AS REMOVAL.



PLAN VIEW



PARTIAL DEPTH

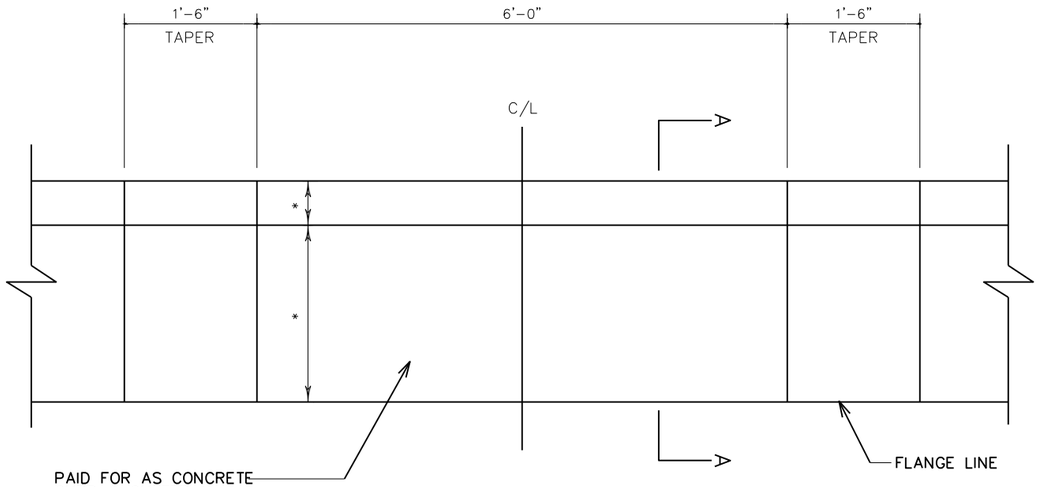
SECTION A-A

FULL DEPTH

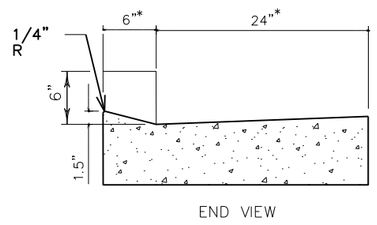
ASPHALTIC REPAIR

SER (20180101)

2

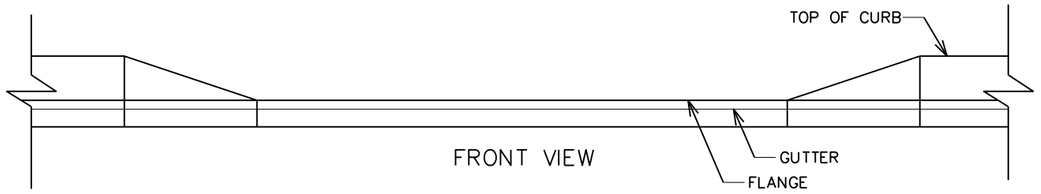


PLAN VIEW



END VIEW

SECTION A-A

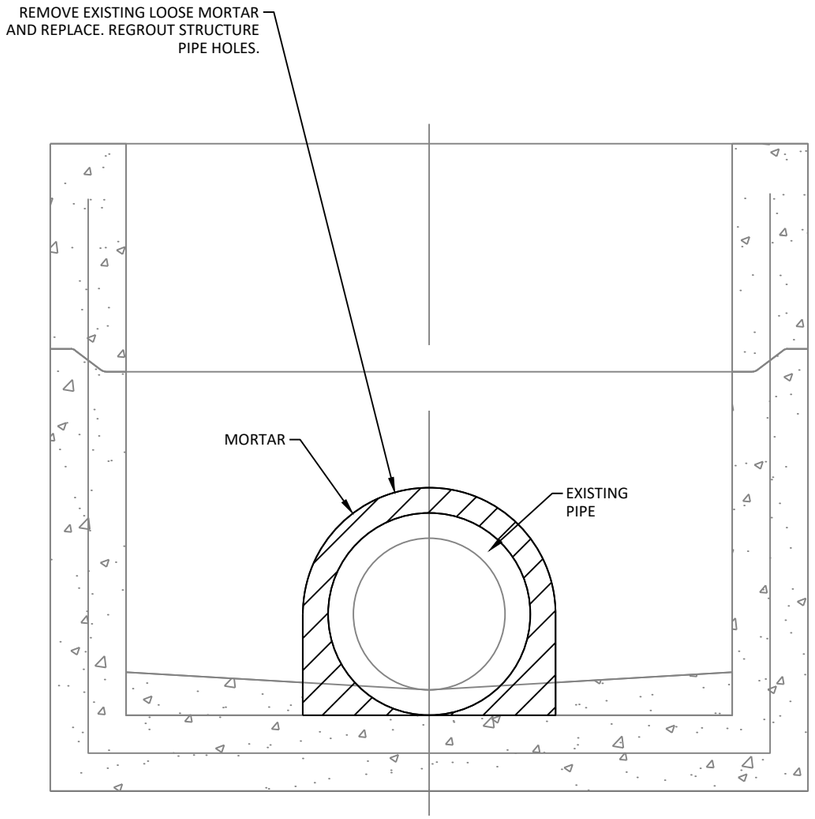


FRONT VIEW

* TYPE AND DIMENSIONS TO MATCH ADJACENT CURB AND GUTTER.

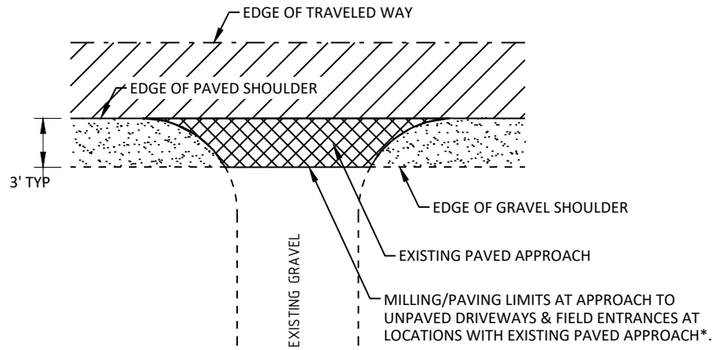
MAINTENANCE OPENING

LOCATIONS SHOWN ON PLAN VIEW SHEETS

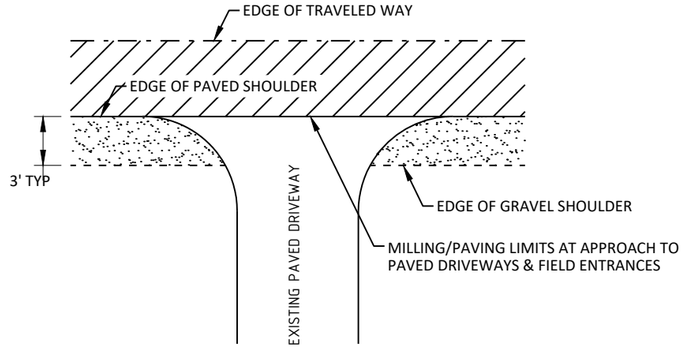


REPAIR AND REGROUT STRUCTURE PIPE HOLES

SEE PLAN SHEETS FOR LOCATIONS



GRAVEL DRIVEWAY



PAVED DRIVEWAY

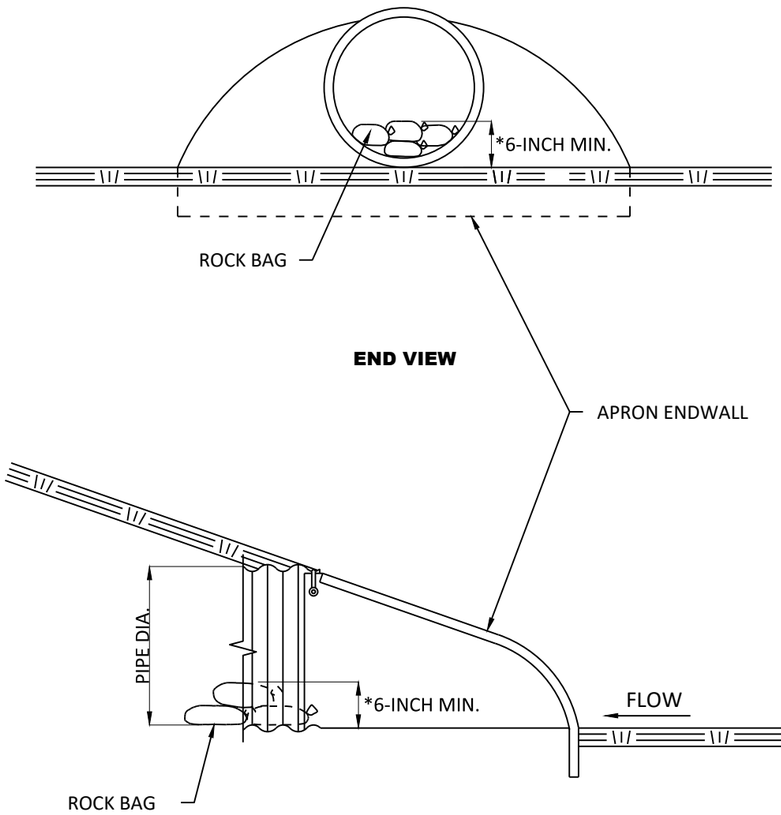
RURAL DRIVEWAY PAVING LIMITS

HMA PAVEMENT

2" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

BASE AGGREGATE DENSE 3/4-INCH

*PERPETUATE EXISTING DRIVEWAY APPROACH MATERIAL. DO NOT ADD PAVED APPROACH IF IT DOES NOT EXIST.



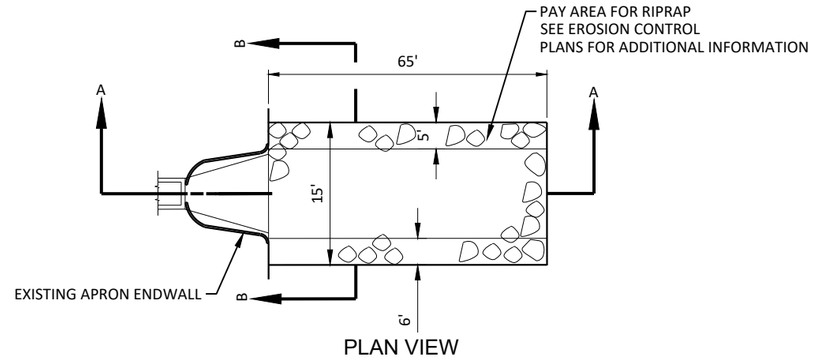
END VIEW

SIDE VIEW

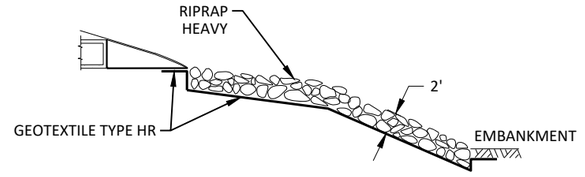
CULVERT PIPE CHECKS

*OR AS DIRECTED BY THE ENGINEER

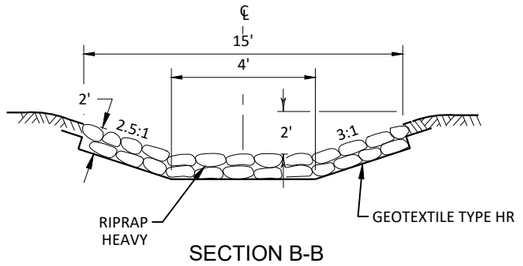
ESTIMATED BAG SIZE 18" X 12" X 6"	
PIPE SIZE	**ESTIMATED NUMBER OF BAGS**
12"	1
15"	2
18"	2
24"	3
30"	5
36"	7
42"	7
48"	10
54"	10
60"	13
66"	14
72"	16
17"X13"	2
30"X19"	5
38"X24"	7
45"X29"	10
53"X34"	10
60"X38"	13
76"X48"	18
27' WIDE BOX CULVERT	36



PLAN VIEW



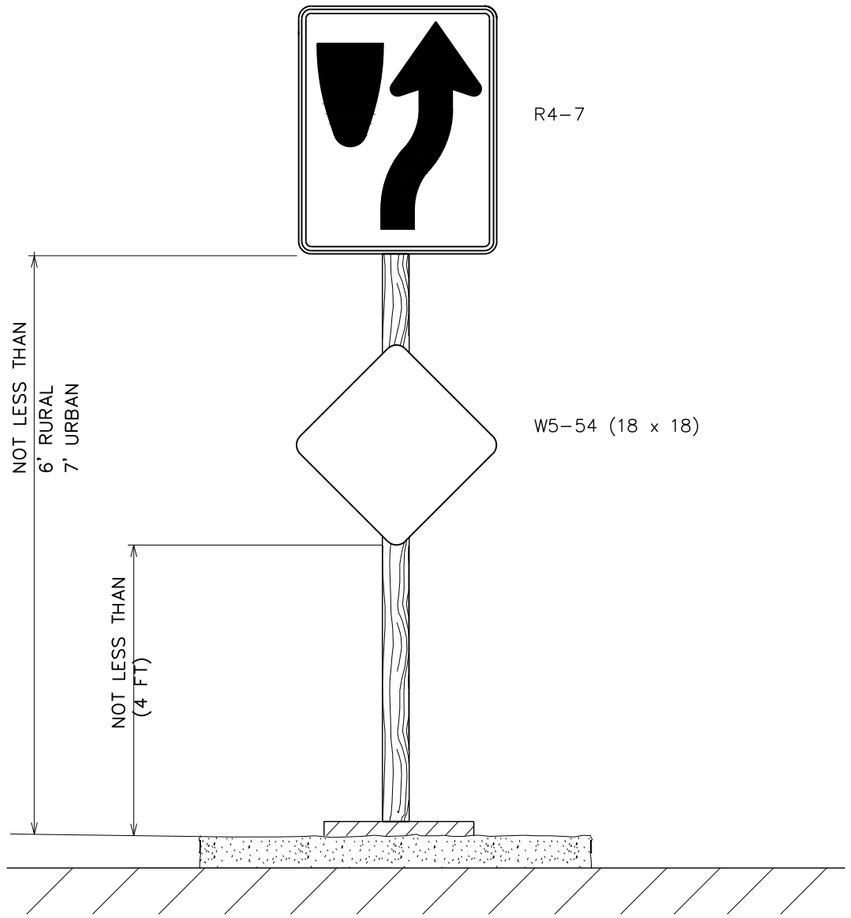
SECTION A-A



SECTION B-B

DRAINAGE FLUME DETAIL

2



TYPICAL INSTALLATION FOR
TRANSITION TO DIVIDED HIGHWAY
OR OTHER SPECIAL NEEDS AREAS

2

**STA 82+69.39'SA', 6.90' LT TO STA 83+22.95'SA', 5.52' LT
REVERSE SLOPE CONCRETE GUTTER REQ'D

SAW CUT EXISTING PAVEMENT 4' OFFSET FROM PROPOSED FLANGE LINE, REMOVE EXISTING PAVEMENT, REMOVE EXISTING CURB & GUTTER, REMOVE EXISTING CONCRETE SIDEWALK

6 ½" HMA PAVEMENT
4 MT 58-28 S (TYP)

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

WB USH 18 (W SUMMIT AVE)

**83S
6.99'LT

8S
6.91'LT
L88

R=70.00'

83S
9.65'LT
L8838

838S
11.09'LT

CONCRETE MEDIAN
SLOPED NOSE, TYPE 1

8S

83S

**83S
5.52'LT

83S
388 RT
L88

883S
3 RT

8S
3 RT

83S
0.11'LT
L88

83S
6.44'RT

8S

CONCRETE SIDEWALK, 5-INCH

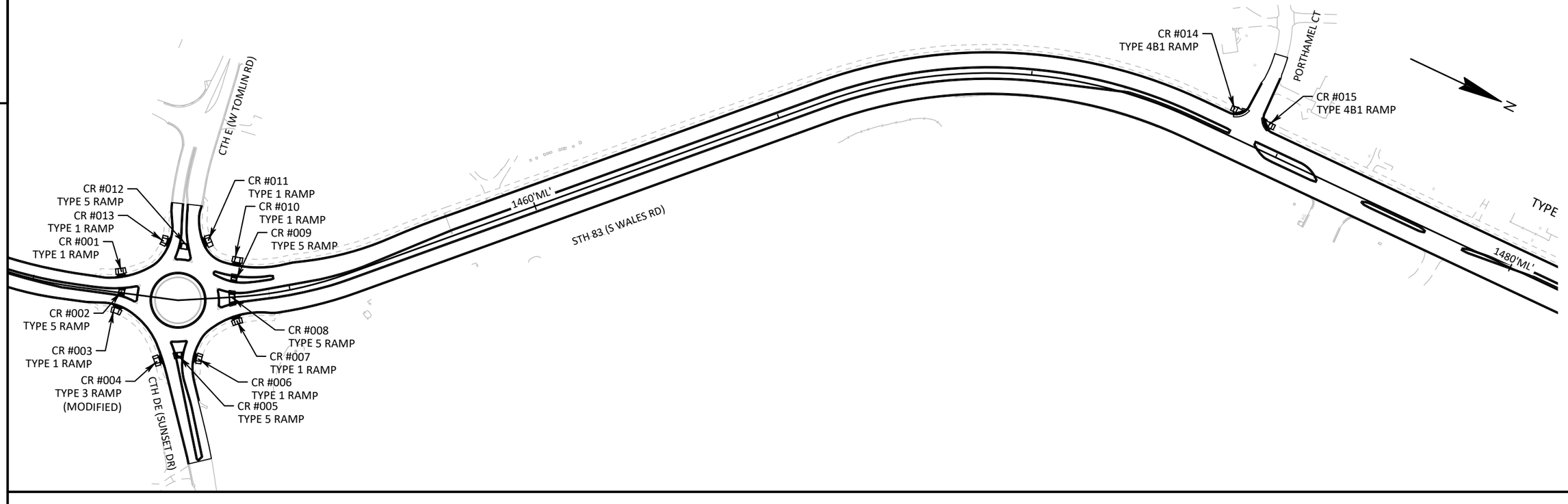
22'

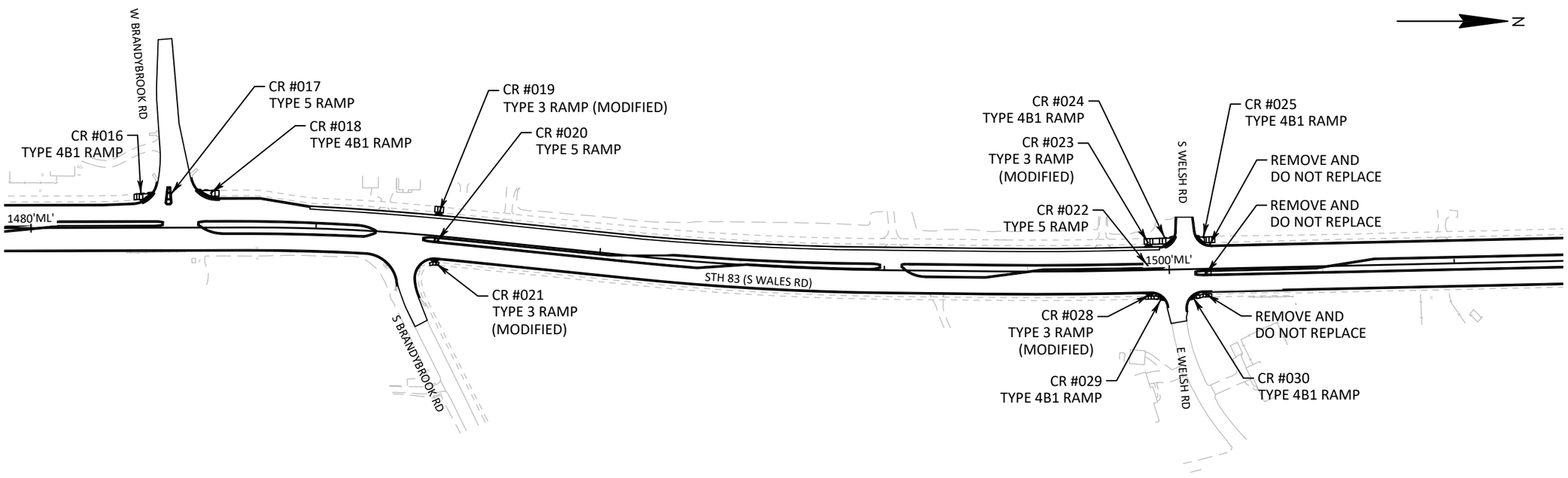
SAW CUT EXISTING PAVEMENT
PARALLEL TO EXISTING
SOUTHEASTERLY FLANGE LINE

EB USH 18 (W SUMMIT AVE)

RT	1330-34-70	H	STH 83	T	WAUKESHA	CONSTRUCTION DETAIL, MEDIAN EXTENSION	SHT	34	E

L TS8LSRSTRSHL 3 333SHTSS T S TLS SH 8 TL LT T 8 3 LT STL LT PLOT SCALE : 1.0 IN = 20.0 FT STS SHT

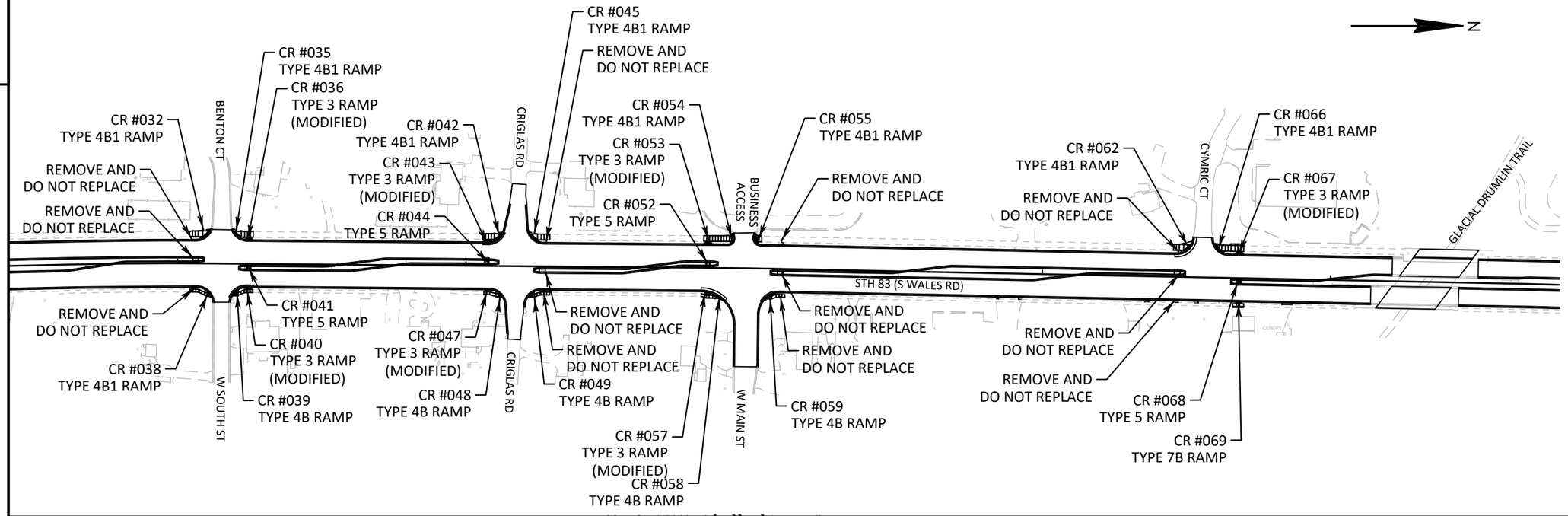


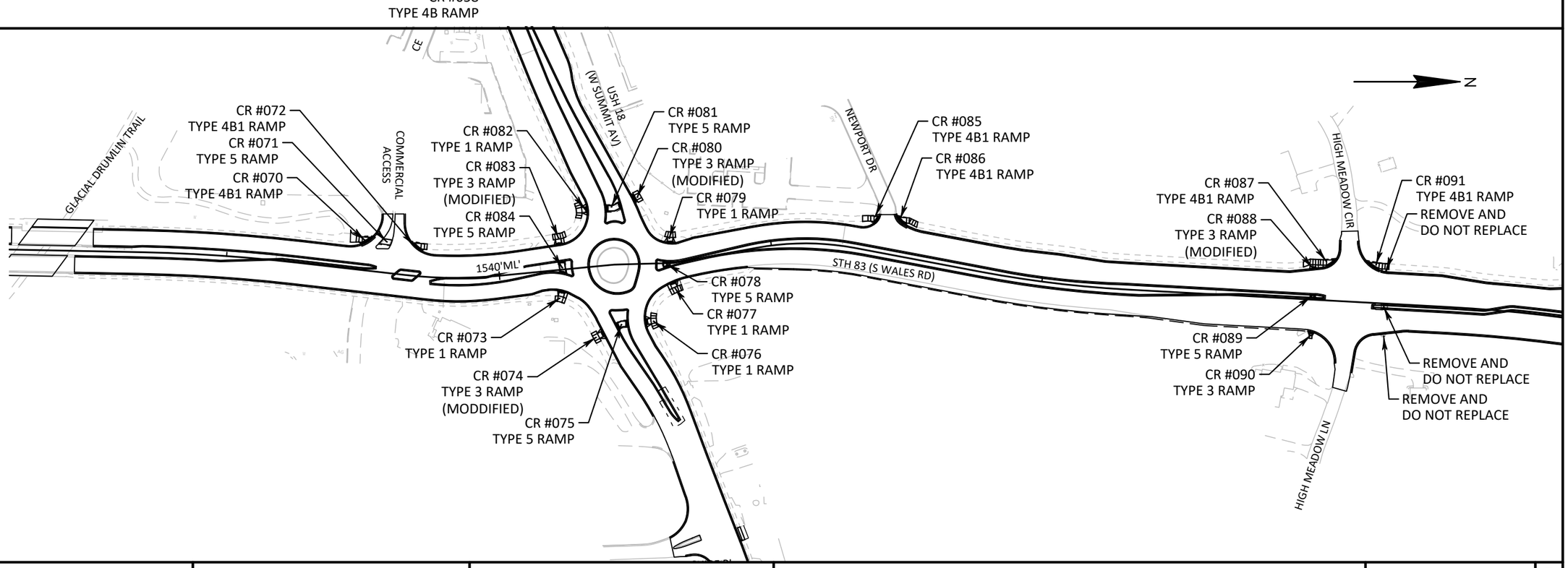


PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP OVERVIEWS	SHEET 35 E

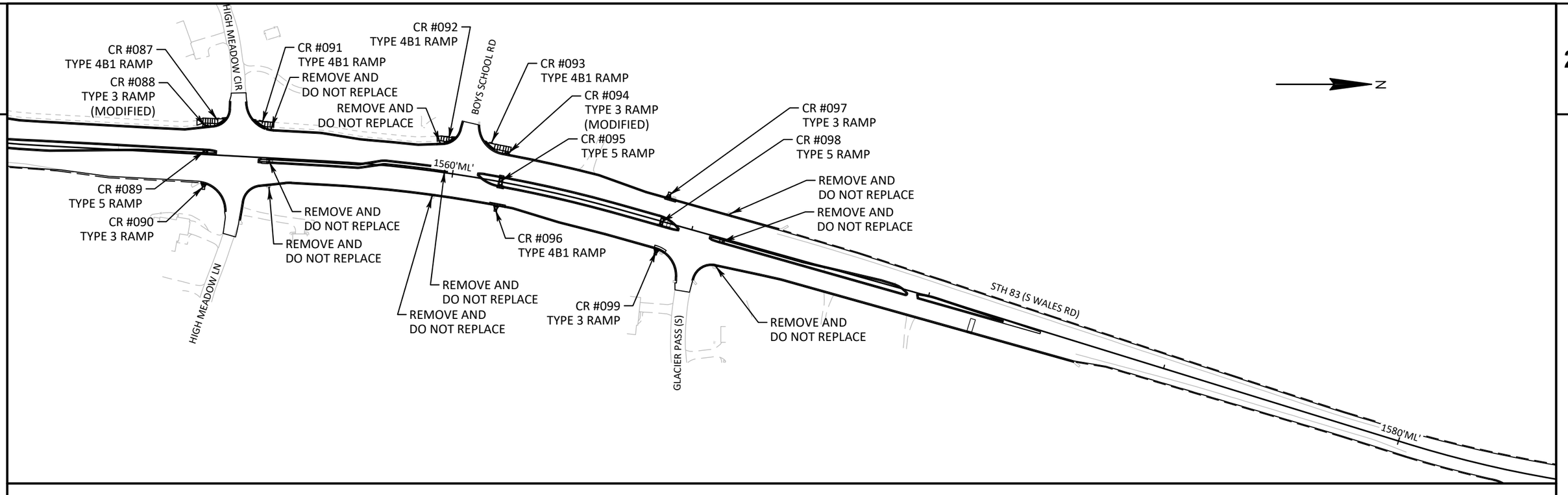
FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021300-CR (CURB RAMP OVERVIEWS).DWG PLOT DATE : 4/29/2025 10:56 AM PLOT BY : SEH LAYOUT NAME : 01 PLOT SCALE : 1.0 IN = 200.0 FT
WISDOT/CADDS SHEET 42

2



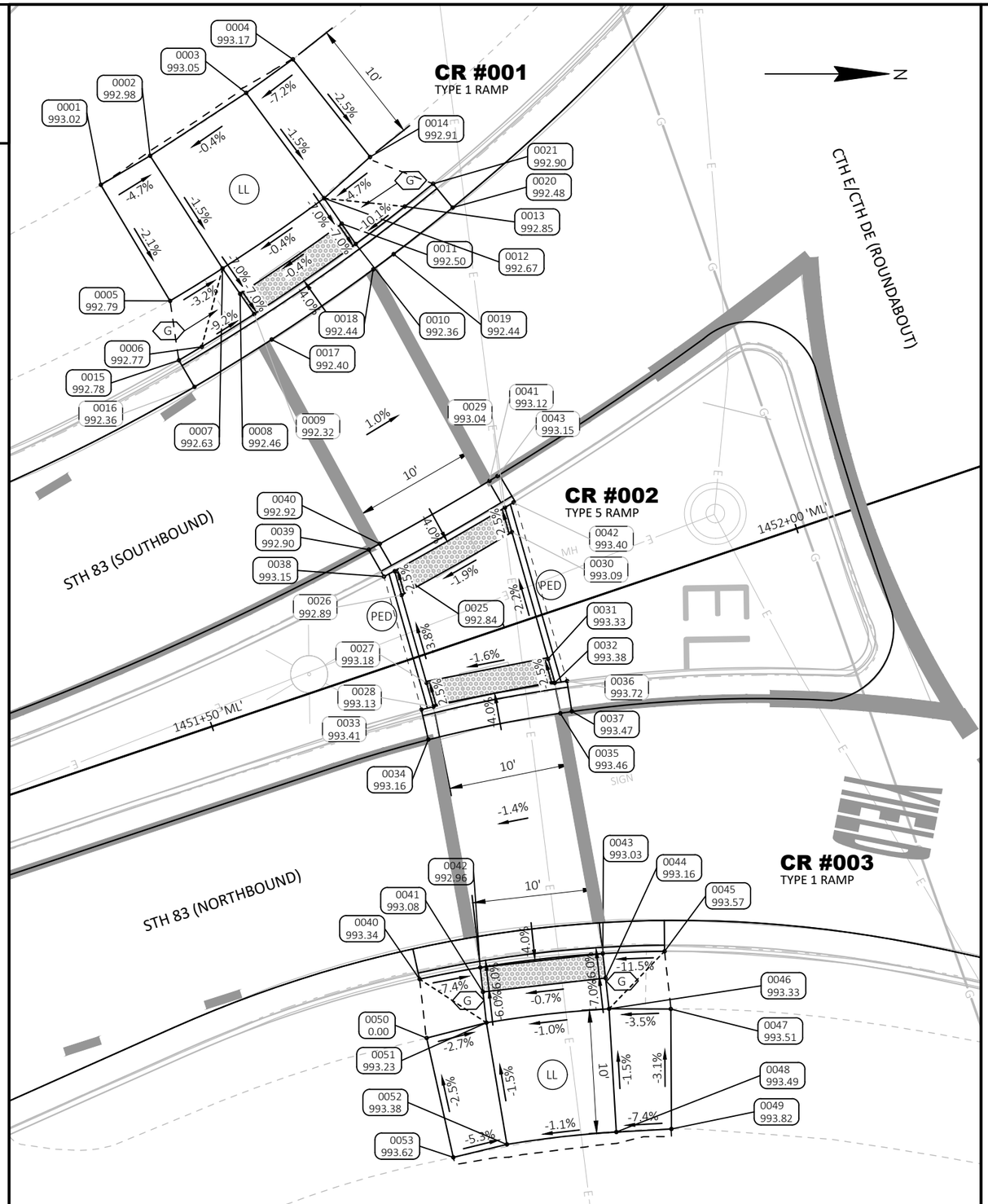


PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP OVERVIEWS	SHEET 36	E



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP OVERVIEWS	SHEET 37	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021300-CR (CURB RAMP OVERVIEWS).DWG PLOT DATE : 4/29/2025 10:56 AM PLOT BY : SEH LAYOUT NAME : 03 PLOT SCALE : 1.0 IN = 200.0 FT
WISDOT/CADDS SHEET 42



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

STH83-CTH E-DE SW QUAD_SOUTH

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0001	1451+55.53	44.44' L	993.02	152653.25	643525.49
0002	1451+60.07	45.40' L	992.98	152657.28	643523.19
0003	1451+69.07	47.72' L	993.05	152665.14	643518.23
0004	1451+73.52	49.09' L	993.17	152668.96	643515.56
0005	1451+57.83	33.73' L	992.79	152658.72	643534.98
0006	1451+59.07	29.40' L	992.77	152661.23	643538.73
0007	1451+62.70	34.87' L	992.63	152663.01	643532.41
0008	1451+63.39	32.46' L	992.46	152664.40	643534.49
0009	1451+63.94	30.54' L	992.32	152665.51	643536.15
0010	1451+73.55	33.29' L	992.36	152673.83	643530.59
0011	1451+73.00	35.21' L	992.50	152672.71	643528.93
0012	1451+72.32	37.61' L	992.67	152671.32	643526.85
0013	1451+78.29	34.89' L	992.85	152677.85	643527.62
0014	1451+76.91	39.59' L	992.91	152675.09	643523.57
0015	1451+56.97	28.96' L	992.78	152659.36	643539.79
0016	1451+57.47	26.51' L	992.36	152660.59	643541.97
0017	1451+64.62	28.14' L	992.40	152666.90	643538.23
0018	1451+74.25	30.88' L	992.44	152675.22	643532.67
0019	1451+76.21	31.52' L	992.44	152676.89	643531.46
0020	1451+81.94	33.56' L	992.48	152681.72	643527.77
0021	1451+81.06	35.90' L	992.90	152680.17	643525.81

CTH E-DE SE QUAD_SOUTH

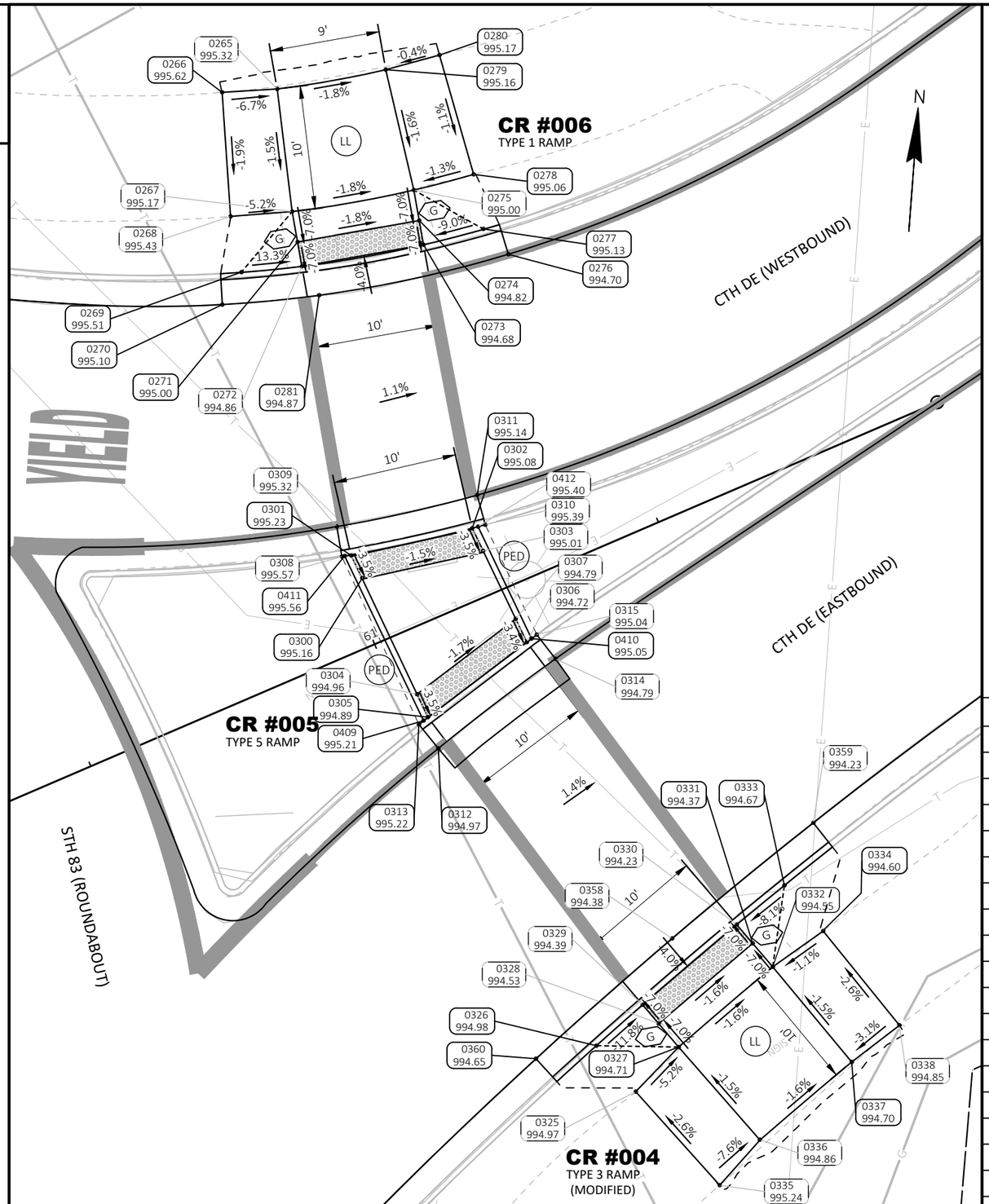
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0040	1451+59.37	24.77' R	993.34	152678.09	643590.20
0041	1451+63.90	27.41' R	993.08	152683.22	643591.33
0042	1451+64.32	25.45' R	992.96	152683.02	643589.34
0043	1451+74.09	27.57' R	993.03	152692.97	643588.36
0044	1451+73.67	29.53' R	993.16	152693.17	643590.35
0045	1451+78.89	29.00' R	993.57	152697.97	643588.26
0046	1451+73.14	31.97' R	993.33	152693.41	643592.85
0047	1451+77.87	33.60' R	993.51	152698.41	643592.94
0048	1451+70.50	41.62' R	993.49	152693.85	643602.84
0049	1451+74.80	42.81' R	993.82	152698.31	643602.65
0050	1451+58.38	29.48' R	0.00	152678.60	643594.99
0051	1451+63.37	29.86' R	993.23	152683.46	643593.82
0052	1451+61.78	39.73' R	993.38	152684.97	643603.71
0053	1451+57.33	39.33' R	993.62	152680.61	643604.69

CTH E-DE SOUTH MEDIAN

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0025	1451+68.05	7.17' L	992.84	152676.58	643557.14
0026	1451+67.95	5.15' L	992.89	152677.11	643559.09
0027	1451+67.60	2.23' R	993.18	152679.03	643566.23
0028	1451+67.50	4.23' R	993.13	152679.55	643568.16
0029	1451+78.16	9.19' L	993.04	152685.59	643552.12
0030	1451+78.06	7.12' L	993.09	152686.13	643554.12
0031	1451+77.54	3.54' R	993.33	152688.90	643564.43
0032	1451+77.42	5.55' R	993.38	152689.40	643566.38
0033	1451+66.50	4.15' R	993.41	152678.57	643568.39
0034	1451+66.26	6.62' R	993.16	152679.10	643570.81
0035	1451+77.07	8.03' R	993.46	152689.82	643568.85
0036	1451+78.42	5.74' R	993.72	152690.41	643566.25
0037	1451+78.01	8.19' R	993.47	152690.76	643568.71
0038	1451+67.09	7.03' L	993.15	152675.71	643557.57
0039	1451+66.63	9.49' L	992.90	152674.52	643555.37
0040	1451+67.62	9.66' L	992.92	152675.41	643554.90
0041	1451+77.67	11.64' L	993.12	152684.37	643549.94
0042	1451+78.95	9.36' L	993.40	152686.29	643551.72
0043	1451+78.40	11.80' L	993.15	152685.02	643549.56

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 38 E



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

CTH E-DE EAST MEDIAN

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0300	1452+84.28	101.03' R	995.16	152837.65	643616.84
0301	1452+86.32	101.02' R	995.23	152839.43	643615.85
0302	1452+84.11	110.81' R	995.08	152842.18	643625.51
0303	1452+82.81	110.82' R	995.01	152840.40	643626.50
0304	1452+82.81	101.39' R	994.96	152828.52	643621.78
0305	1452+82.81	101.59' R	994.89	152826.71	643622.76
0306	1452+82.81	111.20' R	994.72	152833.21	643630.43
0307	1452+82.81	111.04' R	994.79	152835.04	643629.43
0308	1452+86.56	100.30' R	995.57	152839.30	643615.11
0309	1452+88.94	100.97' R	995.32	152841.71	643614.56
0310	1452+83.91	111.88' R	995.39	152842.52	643626.55
0311	1452+86.36	112.32' R	995.14	152844.88	643625.77
0312	1452+82.81	101.59' R	994.97	152824.23	643623.75
0313	1452+82.81	100.71' R	995.22	152826.08	643622.07
0314	1452+82.81	112.90' R	994.79	152831.99	643632.82
0315	1452+82.81	112.17' R	995.04	152833.86	643631.20
0409	1452+82.81	101.16' R	995.21	152826.41	643622.43
0410	1452+82.81	111.66' R	995.05	152833.52	643630.80
0411	1452+86.51	100.51' R	995.56	152839.36	643615.32
0412	1452+84.02	111.30' R	995.40	152842.33	643625.98

CTH E-DE NE QUAD_SOUTH

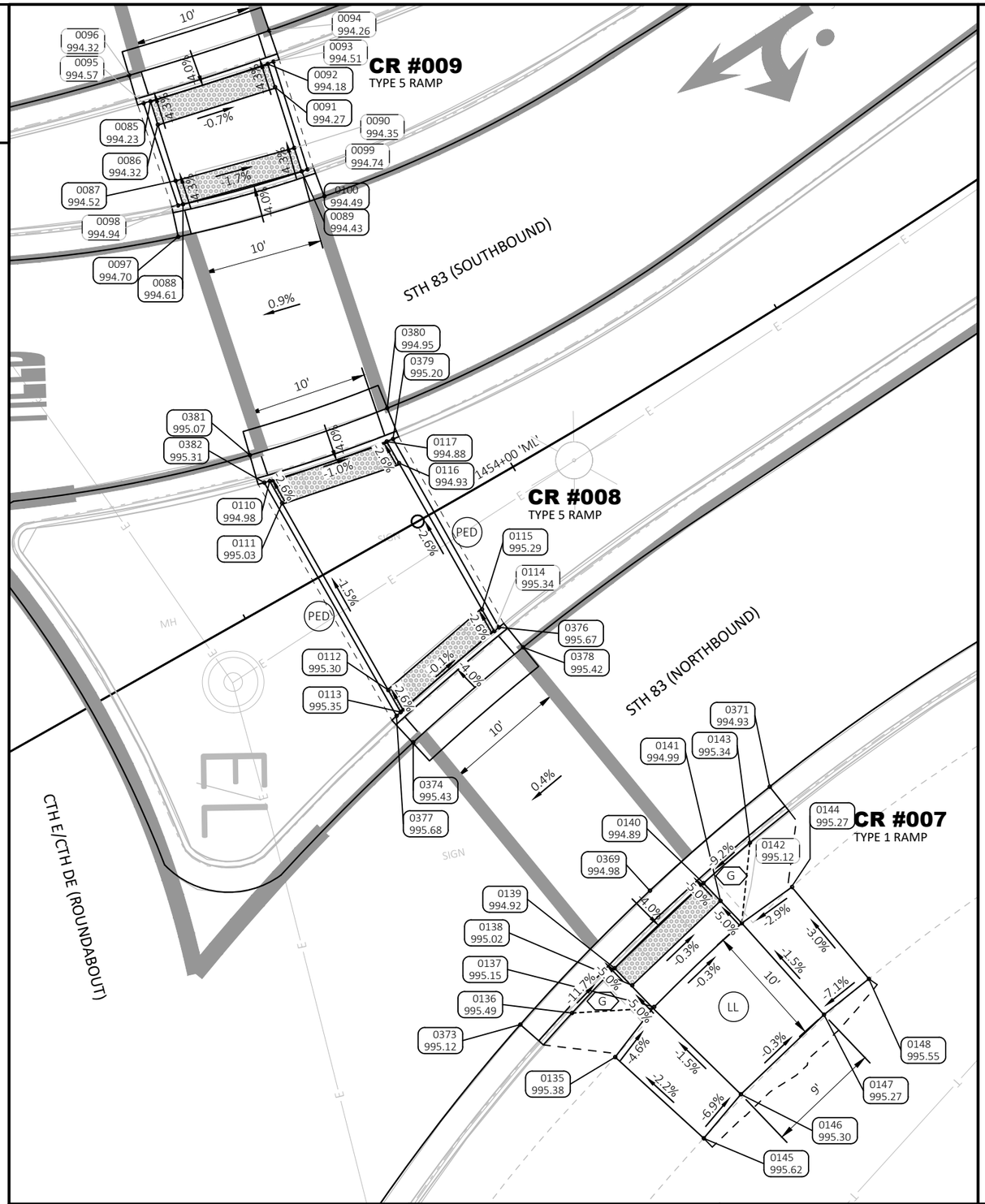
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0265	1453+23.00	111.83' R	995.32	152876.81	643607.80
0266	1453+24.66	107.69' R	995.62	152876.29	643603.37
0267	1453+13.51	108.66' R	995.17	152866.97	643609.56
0268	1453+15.30	103.99' R	995.43	152866.31	643604.60
0269	1453+10.84	102.84' R	995.51	152861.84	643605.72
0270	1453+09.14	100.32' R	995.10	152859.14	643604.33
0271	1453+11.10	108.00' R	995.00	152864.53	643610.13
0272	1453+09.17	107.46' R	994.86	152862.58	643610.59
0273	1453+06.51	117.10' R	994.68	152864.86	643620.32
0274	1453+08.45	117.63' R	994.82	152866.81	643619.86
0275	1453+10.86	118.30' R	995.00	152869.25	643619.29
0276	1453+02.88	122.97' R	994.70	152864.48	643627.21
0277	1453+05.59	122.03' R	995.13	152866.41	643625.08
0278	1453+09.92	123.21' R	995.06	152870.78	643624.05
0279	1453+20.63	120.43' R	995.16	152878.85	643616.49
0280	1453+19.83	124.87' R	995.17	152880.27	643620.77
0281	1453+06.46	107.72' R	994.87	152860.32	643612.11

CTH E-DE SE QUAD_NORTH

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0325	1452+57.29	109.86' R	994.97	152797.36	643641.23
0326	1452+61.70	107.72' R	994.98	152800.91	643637.84
0327	1452+59.90	114.14' R	994.71	152801.16	643644.50
0328	1452+62.15	113.05' R	994.53	152802.97	643642.78
0329	1452+63.95	112.18' R	994.39	152804.42	643641.40
0330	1452+68.30	121.19' R	994.23	152811.31	643648.64
0331	1452+66.50	122.06' R	994.37	152809.87	643650.02
0332	1452+64.25	123.14' R	994.55	152808.06	643651.74
0333	1452+70.39	125.73' R	994.67	152814.69	643652.33
0334	1452+66.02	127.83' R	994.60	152811.18	643655.66
0335	1452+48.24	114.51' R	995.24	152790.17	643648.42
0336	1452+50.98	118.58' R	994.86	152794.03	643651.46
0337	1452+55.18	127.37' R	994.70	152800.72	643658.54
0338	1452+57.07	131.86' R	994.85	152803.89	643662.24
0358	1452+68.53	115.85' R	994.38	152809.91	643643.49
0359	1452+74.70	129.28' R	994.23	152819.89	643654.39
0360	1452+61.91	102.72' R	994.65	152799.58	643633.02

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 39	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 1) -.DWG
CTH E - EAST
PLOT DATE : 4/29/2025 10:56 AM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1.0 IN = ##### FT
WISDOT/CADDS SHEET 42



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

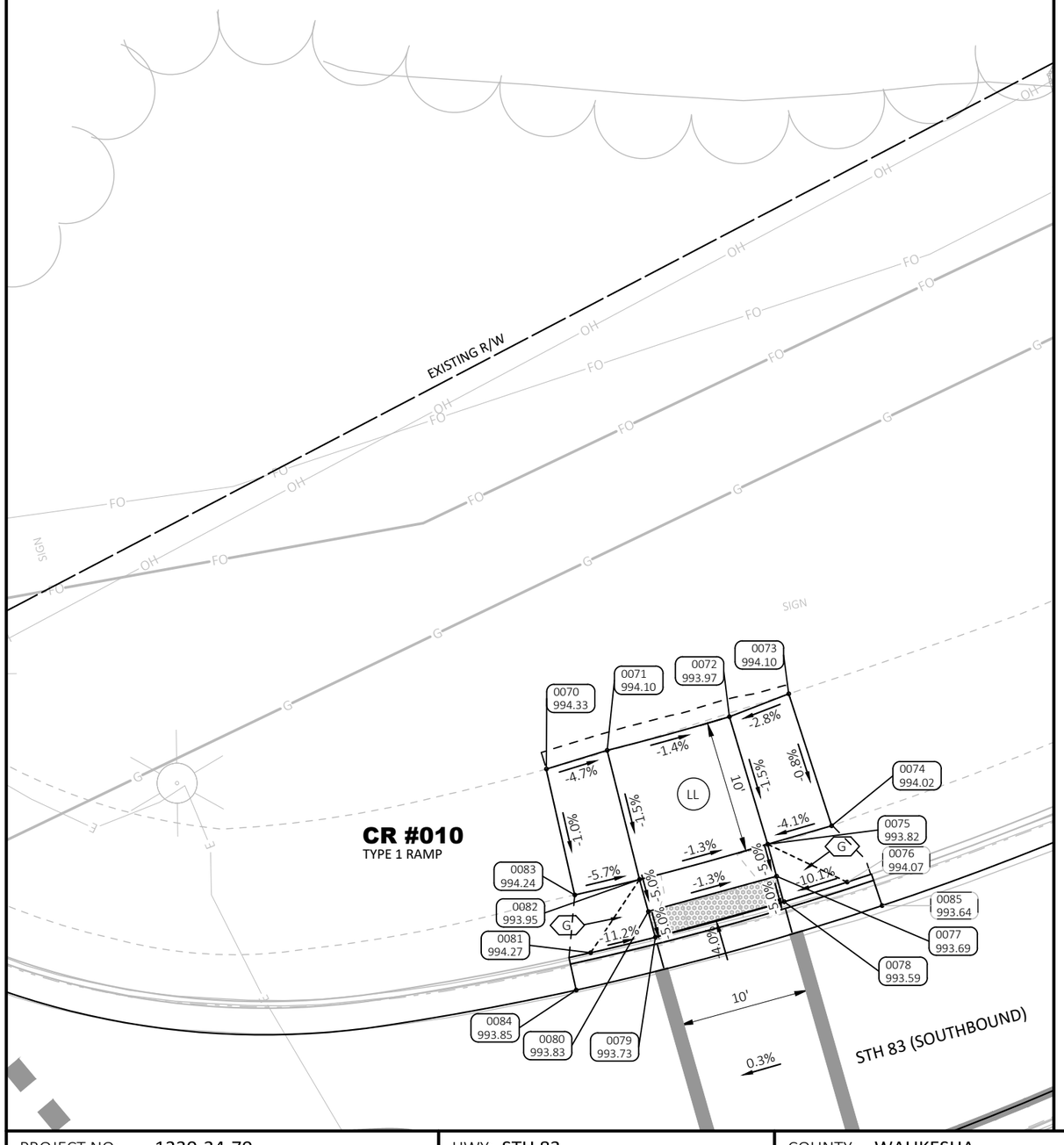
X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

N

STH83-CTH E-DE NE QUAD_NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0135	1453+83.65	45.80' R	995.38	152898.48	643520.81
0136	1453+82.35	40.95' R	995.49	152895.03	643517.17
0137	1453+88.40	43.80' R	995.15	152901.71	643516.78
0138	1453+87.71	41.40' R	995.02	152899.95	643515.00
0139	1453+87.16	39.48' R	994.92	152898.54	643513.58
0140	1453+96.58	37.03' R	994.89	152905.87	643506.77
0141	1453+97.04	38.97' R	994.99	152907.23	643508.24
0142	1453+97.61	41.40' R	995.12	152908.93	643510.07
0143	1454+01.27	36.08' R	995.34	152909.69	643503.55
0144	1454+02.36	40.91' R	995.27	152913.06	643507.20
0145	1453+86.67	55.08' R	995.62	152905.57	643527.51
0146	1453+91.05	53.45' R	995.30	152908.65	643523.98
0147	1453+99.55	51.19' R	995.27	152915.49	643517.62
0148	1454+03.88	50.51' R	995.55	152919.19	643514.76
0369	1453+92.68	35.40' R	994.98	152901.51	643507.32
0371	1454+04.80	32.96' R	994.93	152911.37	643499.02
0373	1453+78.23	39.70' R	995.12	152890.81	643518.04

CTH E-DE NW MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0085	1453+88.95	40.41' L	994.23	152861.90	643442.57
0086	1453+88.54	38.46' L	994.32	152862.47	643444.47
0087	1453+87.55	33.78' L	994.52	152863.84	643449.05
0088	1453+87.14	31.82' L	994.61	152864.42	643450.97
0089	1453+97.08	29.38' L	994.43	152874.10	643448.45
0090	1453+97.52	31.34' L	994.35	152873.53	643446.53
0091	1453+98.69	36.40' L	994.27	152872.04	643441.57
0092	1453+99.14	38.33' L	994.18	152871.48	643439.67
0093	1453+99.66	38.25' L	994.51	152871.94	643439.50
0094	1454+00.68	40.61' L	994.26	152871.63	643436.97
0095	1453+88.39	40.55' L	994.57	152861.34	643442.71
0096	1453+88.47	43.10' L	994.32	152860.19	643440.43
0097	1453+85.50	29.71' L	994.70	152863.99	643453.61
0098	1453+86.74	31.94' L	994.94	152864.01	643451.06
0099	1453+97.59	29.28' L	994.74	152874.57	643448.30
0100	1453+97.70	26.72' L	994.49	152875.92	643450.49

CTH E-DE NE MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0110	1453+82.21	8.77' L	994.98	152871.12	643473.57
0111	1453+82.22	6.72' L	995.03	152872.10	643475.37
0112	1453+82.25	10.76' R	995.30	152880.49	643490.70
0113	1453+82.25	12.81' R	995.35	152881.48	643492.50
0114	1453+92.10	10.82' R	995.34	152889.18	643486.03
0115	1453+92.10	8.79' R	995.29	152888.21	643484.25
0116	1453+92.09	4.87' L	994.93	152881.65	643472.27
0117	1453+92.09	6.90' L	994.88	152880.68	643470.50
0374	1453+81.93	15.45' R	995.43	152882.46	643494.98
0376	1453+92.57	10.74' R	995.67	152889.56	643485.74
0377	1453+81.80	12.91' R	995.68	152881.13	643492.81
0378	1453+93.46	13.12' R	995.42	152891.50	643487.39
0379	1453+92.63	6.82' L	995.20	152881.18	643470.31
0380	1453+93.47	9.23' L	994.95	152880.76	643467.79
0381	1453+81.84	11.39' L	995.07	152869.54	643471.44
0382	1453+81.77	8.88' L	995.31	152870.68	643473.69



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

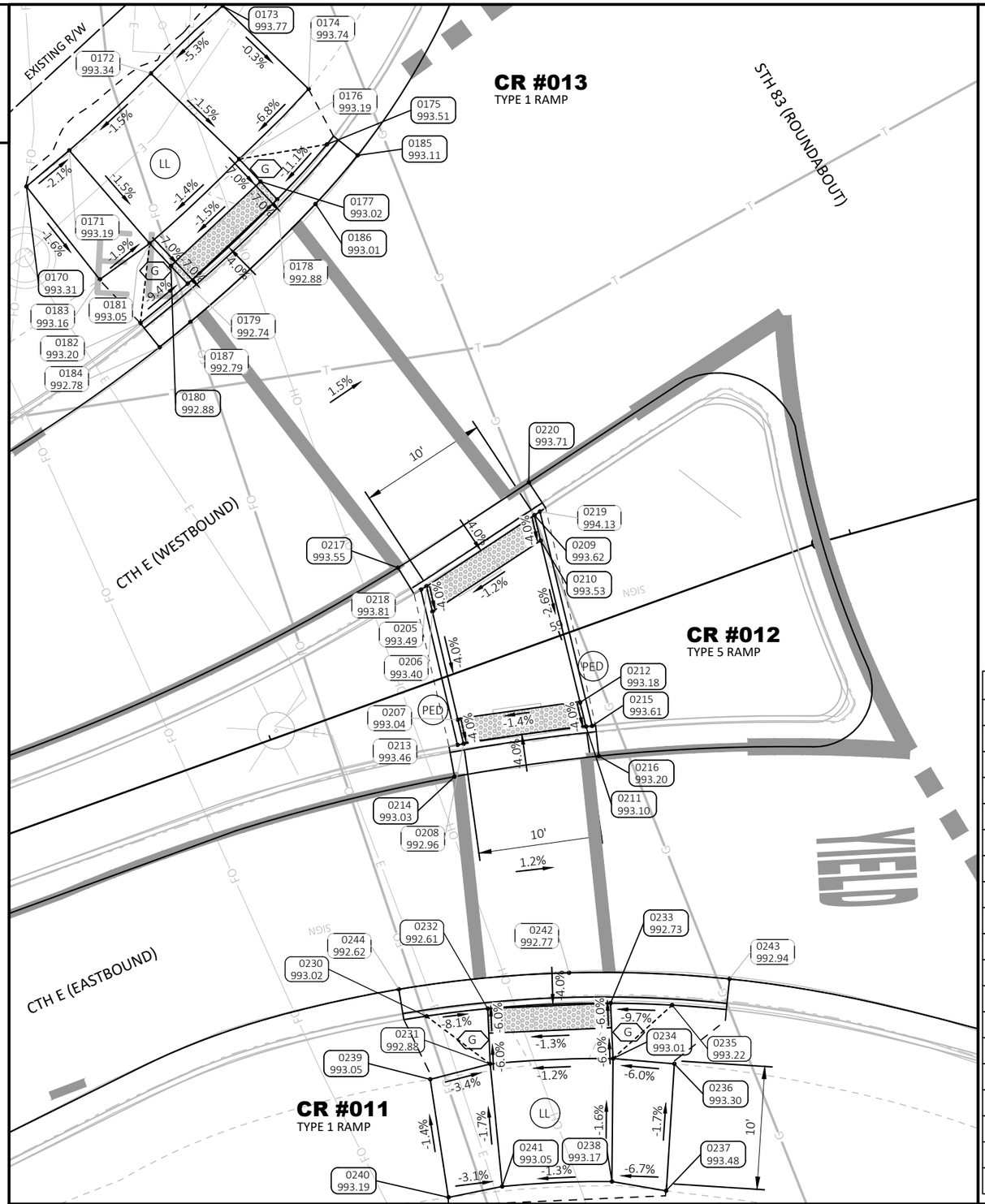
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

N

STH83-CTH E-DE NW QUAD_NORTH

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0070	1453+93.85	78.29' L	994.33	152847.83	643407.09
0071	1453+99.02	77.23' L	994.10	152852.42	643405.76
0072	1454+09.23	74.76' L	993.97	152861.64	643403.37
0073	1454+14.44	73.94' L	994.10	152866.13	643401.72
0074	1454+11.85	63.78' L	994.02	152869.20	643411.68
0075	1454+06.57	65.06' L	993.82	152864.37	643412.99
0076	1454+10.57	59.55' L	994.07	152870.30	643415.93
0077	1454+05.86	62.64' L	993.69	152865.00	643415.41
0078	1454+05.34	60.70' L	993.59	152865.55	643417.33
0079	1453+94.78	63.25' L	993.73	152855.82	643419.85
0080	1453+95.33	65.19' L	993.83	152855.33	643417.92
0081	1453+89.67	64.64' L	994.27	152850.94	643420.94
0082	1453+96.01	67.61' L	993.95	152854.70	643415.49
0083	1453+90.77	69.01' L	994.24	152849.81	643416.58
0084	1453+87.35	62.73' L	993.85	152849.81	643423.73
0085	1454+12.03	56.69' L	993.64	152872.90	643417.74



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

N

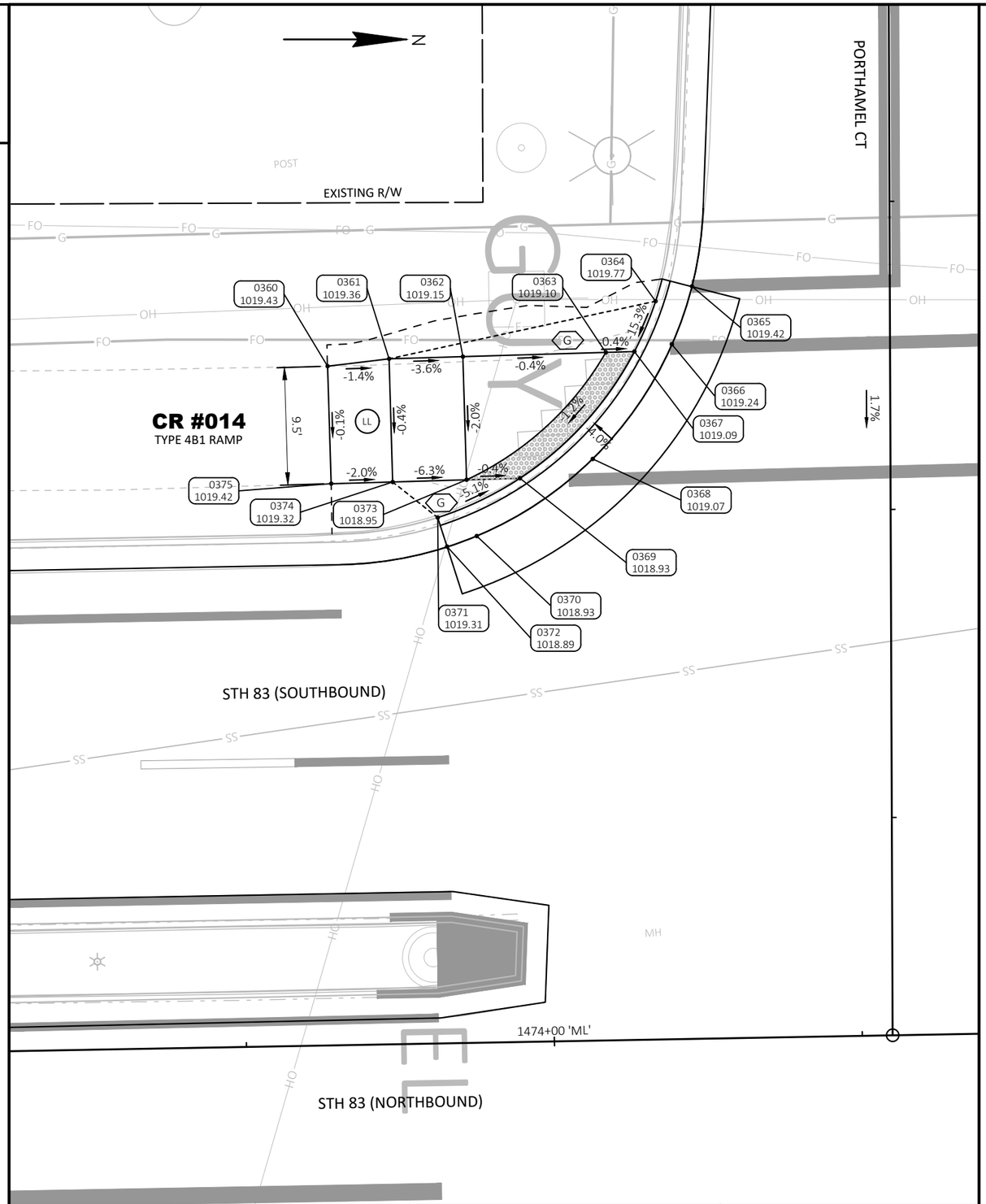
STH 83-CTH E-DE WEST MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0205	1453+06.91	107.07' L	993.49	152757.97	643423.28
0206	1453+04.85	107.52' L	993.40	152755.94	643423.87
0207	1452+96.01	109.42' L	993.04	152747.27	643426.42
0208	1452+94.06	109.85' L	992.96	152745.35	643426.99
0209	1453+08.35	96.66' L	993.62	152764.21	643431.73
0210	1453+06.27	97.09' L	993.53	152762.18	643432.35
0211	1452+72.20	100.03' L	993.10	152747.30	643436.85
0212	1452+93.02	99.85' L	993.18	152749.23	643436.26
0213	1452+94.19	110.33' L	993.46	152745.23	643426.50
0214	1452+70.97	111.40' L	993.03	152742.64	643426.41
0215	1452+72.12	99.54' L	993.61	152747.38	643437.34
0216	1452+69.61	99.64' L	993.20	152744.95	643438.02
0217	1453+09.27	108.51' L	993.55	152759.34	643420.88
0218	1453+06.85	107.59' L	993.81	152757.66	643422.84
0219	1453+08.42	96.13' L	994.13	152764.53	643432.16
0220	1453+10.96	95.92' L	993.71	152766.85	643431.13

STH83-CTH E-DE NW QUAD_SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0170	1453+50.22	122.47' L	993.31	152788.63	643389.04
0171	1453+51.37	118.06' L	993.19	152791.75	643392.36
0172	1453+54.17	109.38' L	993.34	152798.36	643398.64
0173	1453+56.62	101.76' L	993.77	152804.16	643404.16
0174	1453+47.52	98.36' L	993.74	152797.79	643411.50
0175	1453+42.81	98.95' L	993.51	152793.38	643413.23
0176	1453+44.80	105.89' L	993.19	152791.80	643406.18
0177	1453+42.41	105.12' L	993.02	152790.07	643408.00
0178	1453+40.51	104.51' L	992.88	152788.69	643409.45
0179	1453+37.44	114.03' L	992.74	152781.44	643402.56
0180	1453+39.34	114.64' L	992.88	152782.82	643401.12
0181	1453+41.74	115.41' L	993.05	152784.56	643399.29
0182	1453+36.21	118.88' L	993.20	152778.05	643398.89
0183	1453+40.83	120.32' L	993.16	152781.41	643395.41
0184	1453+33.77	118.31' L	992.78	152776.18	643400.55
0185	1453+40.94	97.07' L	993.11	152792.63	643415.77
0186	1453+38.84	101.86' L	993.01	152788.49	643412.57
0187	1453+34.55	115.17' L	992.79	152778.36	643402.94

STH 83 - CTH E - DE SW QUAD					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0230	1452+52.70	118.53' L	993.02	152723.07	643425.21
0231	1452+47.64	114.52' L	992.88	152719.49	643430.58
0232	1452+52.05	113.57' L	992.61	152723.97	643430.13
0233	1452+49.95	103.80' L	992.73	152724.96	643440.08
0234	1452+45.54	104.74' L	993.01	152720.48	643440.52
0235	1452+48.52	99.00' L	993.22	152725.07	643445.08
0236	1452+43.86	100.03' L	993.30	152720.32	643445.53
0237	1452+34.05	103.31' L	993.48	152709.98	643445.41
0238	1452+35.89	107.37' L	993.17	152710.49	643440.98
0239	1452+47.67	119.54' L	993.05	152717.97	643425.79
0240	1452+38.01	120.54' L	993.19	152708.48	643427.79
0241	1452+37.77	116.09' L	993.05	152709.60	643432.10
0242	1452+53.19	106.43' L	992.77	152727.24	643436.58
0243	1452+49.40	93.95' L	992.94	152727.45	643449.62
0244	1452+55.40	120.16' L	992.62	152725.14	643422.83

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 42	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 1) -.DWG
CTH E - WEST
PLOT DATE : 4/29/2025 10:57 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1.0 IN = #### FT



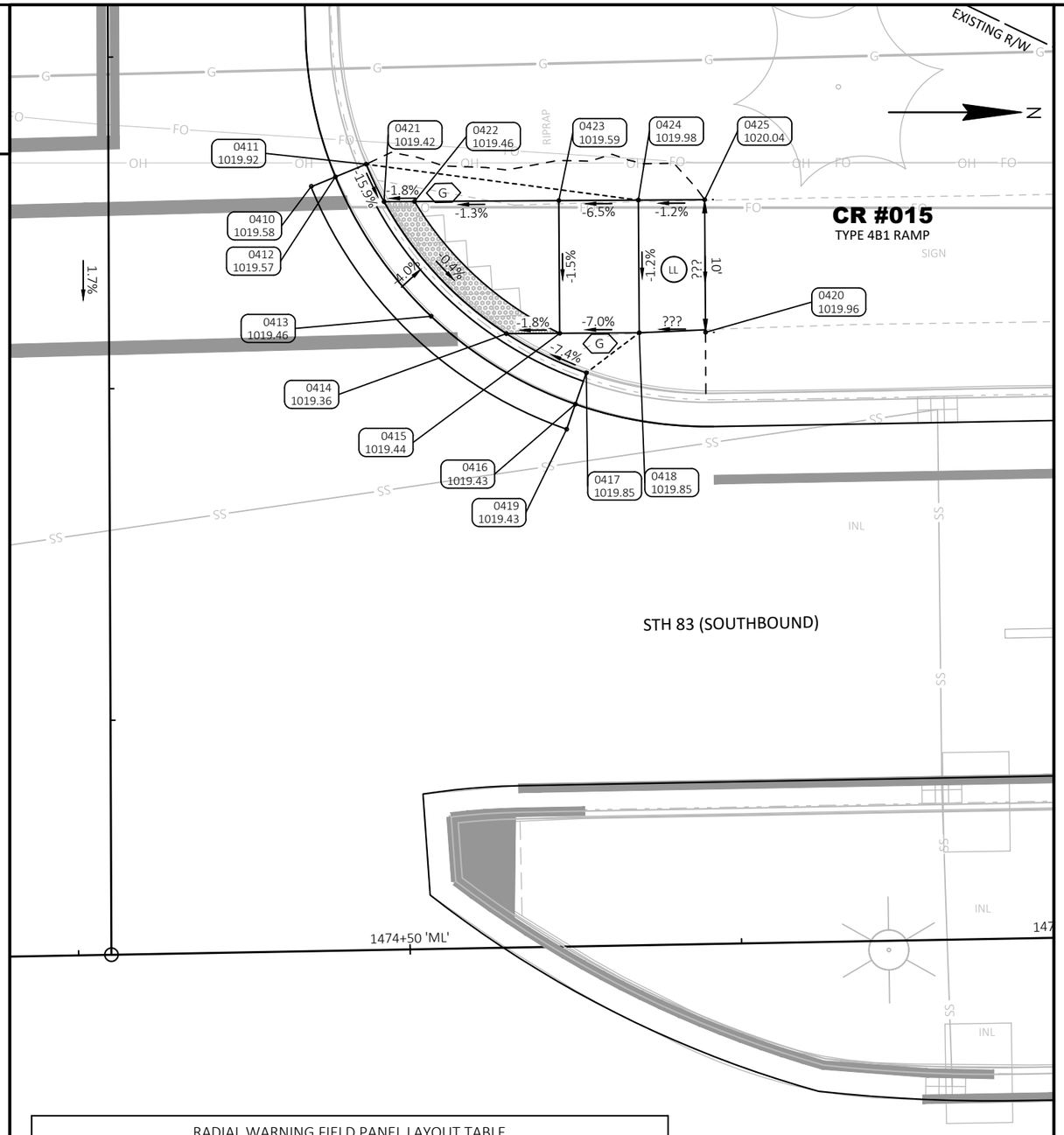
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

PORTHAMEL SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0360	1473+82.58	55.12' L	1019.43	154466.87	642319.70
0361	1473+87.58	55.63' L	1019.36	154471.86	642319.18
0362	1473+93.58	55.70' L	1019.15	154477.86	642319.09
0363	1474+05.18	55.84' L	1019.10	154489.46	642318.92
0364	1474+09.29	59.92' L	1019.77	154493.56	642314.84
0365	1474+12.27	61.08' L	1019.42	154496.54	642313.67
0366	1474+10.56	56.39' L	1019.24	154494.84	642318.36
0367	1474+07.50	55.87' L	1019.09	154491.78	642318.89
0368	1474+03.96	47.21' L	1019.07	154488.27	642327.55
0369	1473+98.03	45.76' L	1018.93	154482.34	642329.03
0370	1473+94.43	41.13' L	1018.93	154478.76	642333.66
0371	1473+91.29	42.68' L	1019.31	154475.62	642332.13
0372	1473+92.01	40.31' L	1018.89	154476.34	642334.49
0373	1473+93.69	45.71' L	1018.95	154478.01	642329.09
0374	1473+87.69	45.63' L	1019.32	154472.01	642329.18
0375	1473+82.69	45.59' L	1019.42	154467.01	642329.24

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHWEST	27.5 FT	13.92 FT	29.39 SF	13.85 FT



RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHWEST	27.8 FT	13.18 FT	28.56 SF	13.56 FT

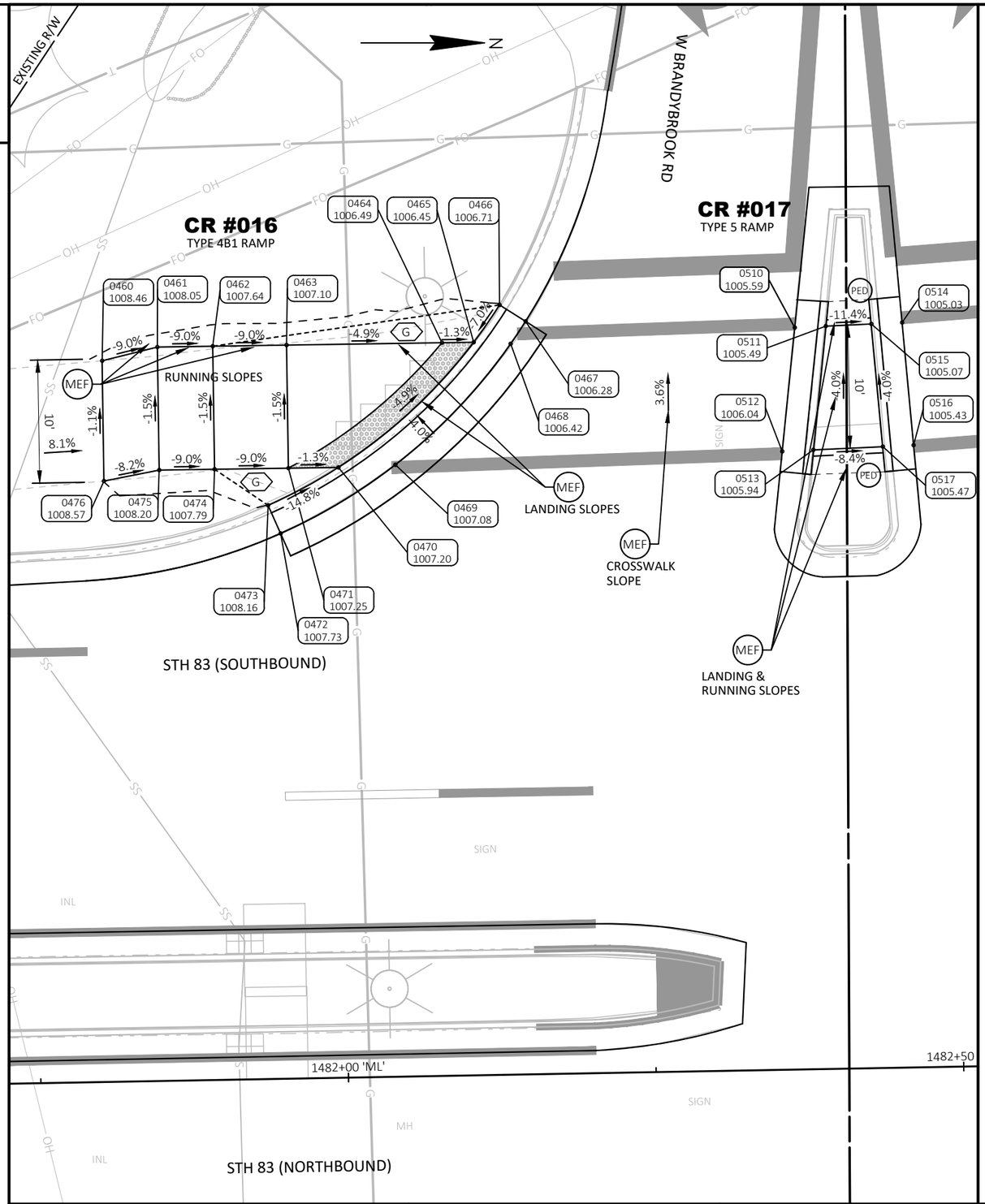
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

PORTHAMEL NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0410	1474+43.58	57.66' L	1019.58	154527.86	642317.00
0411	1474+47.75	59.25' L	1019.92	154532.02	642315.39
0412	1474+45.41	58.34' L	1019.57	154529.69	642316.31
0413	1474+52.44	47.69' L	1019.46	154536.74	642326.93
0414	1474+58.08	46.29' L	1019.36	154542.40	642328.32
0415	1474+62.11	46.24' L	1019.44	154546.42	642328.36
0416	1474+63.19	40.88' L	1019.43	154547.52	642333.72
0417	1474+64.06	43.22' L	1019.85	154548.38	642331.37
0418	1474+68.11	46.18' L	1019.85	154552.42	642328.41
0419	1474+62.50	39.00' L	1019.43	154546.84	642335.60
0420	1474+73.11	46.12' L	1019.96	154557.42	642328.45
0421	1474+49.04	56.40' L	1019.42	154533.33	642318.24
0422	1474+51.34	56.37' L	1019.46	154535.63	642318.26
0423	1474+62.23	56.25' L	1019.59	154546.51	642318.35
0424	1474+68.22	56.18' L	1019.98	154552.51	642318.41
0425	1474+73.22	56.12' L	1020.04	154557.51	642318.45

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 44 E



NOTES:
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4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

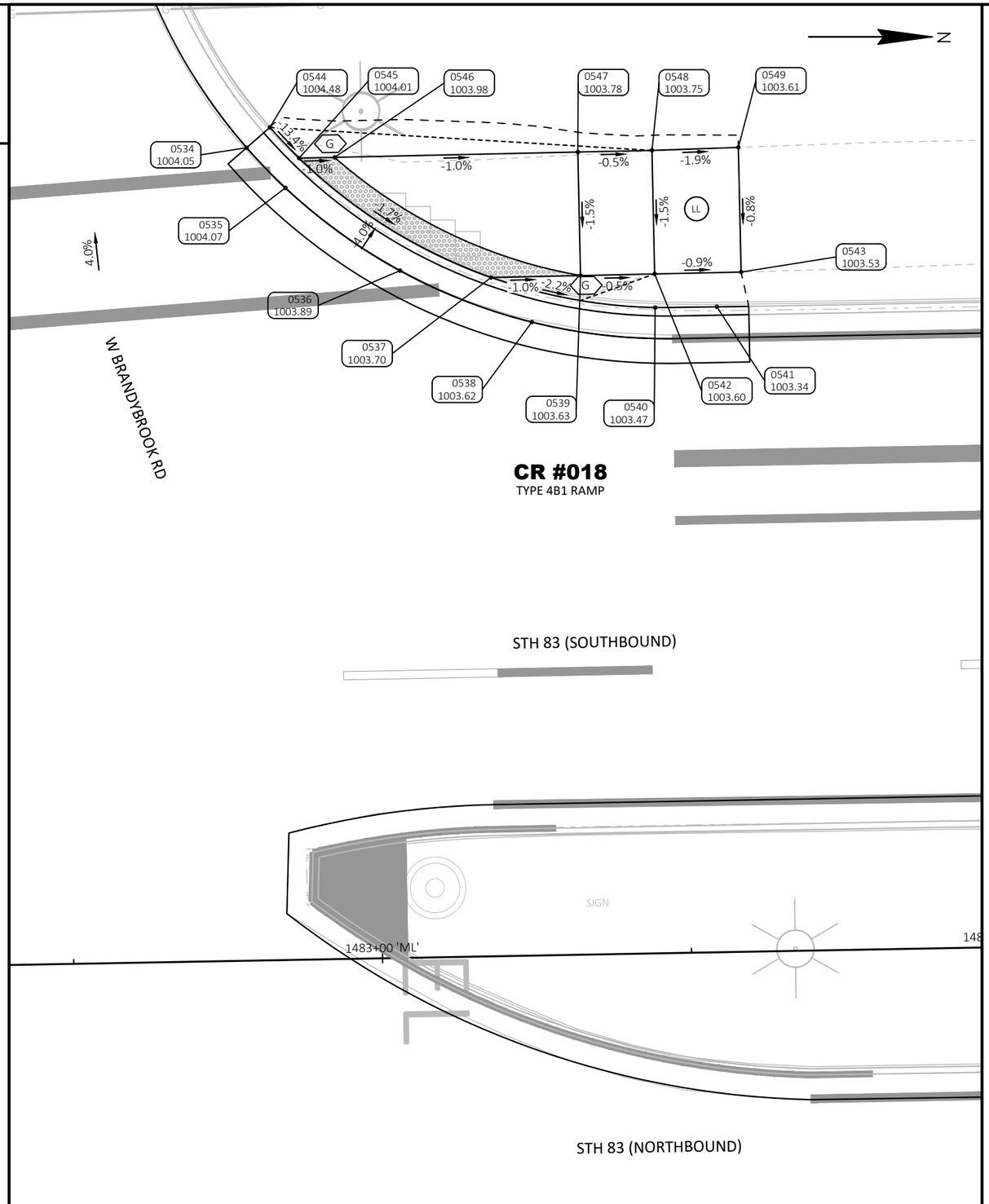
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHWEST	42.9 FT	15.21 FT	31.18 SF	14.97 FT

W BRANDYBROOK SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0460	1481+81.03	58.61' L	1008.46	155265.30	642313.93
0461	1481+85.53	59.64' L	1008.05	155269.80	642312.89
0462	1481+90.03	59.63' L	1007.64	155274.30	642312.89
0463	1481+96.03	59.61' L	1007.10	155280.30	642312.89
0464	1482+08.67	59.58' L	1006.49	155292.94	642312.89
0465	1482+11.24	59.57' L	1006.45	155295.52	642312.89
0466	1482+13.40	62.56' L	1006.71	155297.66	642309.89
0467	1482+15.49	61.19' L	1006.28	155299.76	642311.25
0468	1482+14.24	59.39' L	1006.42	155298.52	642313.06
0469	1482+04.70	49.73' L	1007.08	155289.00	642322.75
0470	1482+00.07	49.60' L	1007.20	155284.37	642322.89
0471	1481+96.00	49.61' L	1007.25	155280.30	642322.89
0472	1481+95.28	44.32' L	1007.73	155279.59	642328.19
0473	1481+94.30	46.62' L	1008.16	155278.61	642325.89
0474	1481+90.00	49.63' L	1007.79	155274.30	642322.89
0475	1481+85.50	49.64' L	1008.20	155269.80	642322.89
0476	1481+81.00	48.83' L	1008.57	155265.30	642323.71

W BRANDYBROOK-MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0510	1482+37.35	60.29' L	1005.59	155321.62	642312.09
0511	1482+39.88	60.36' L	1005.49	155324.15	642312.01
0512	1482+36.15	50.25' L	1006.04	155320.45	642322.13
0513	1482+38.68	50.32' L	1005.94	155322.98	642322.05
0514	1482+46.08	60.54' L	1005.03	155330.34	642311.81
0515	1482+43.57	60.47' L	1005.07	155327.84	642311.89
0516	1482+46.83	50.56' L	1005.43	155331.13	642321.79
0517	1482+44.33	50.49' L	1005.47	155328.63	642321.87



NOTES:
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3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

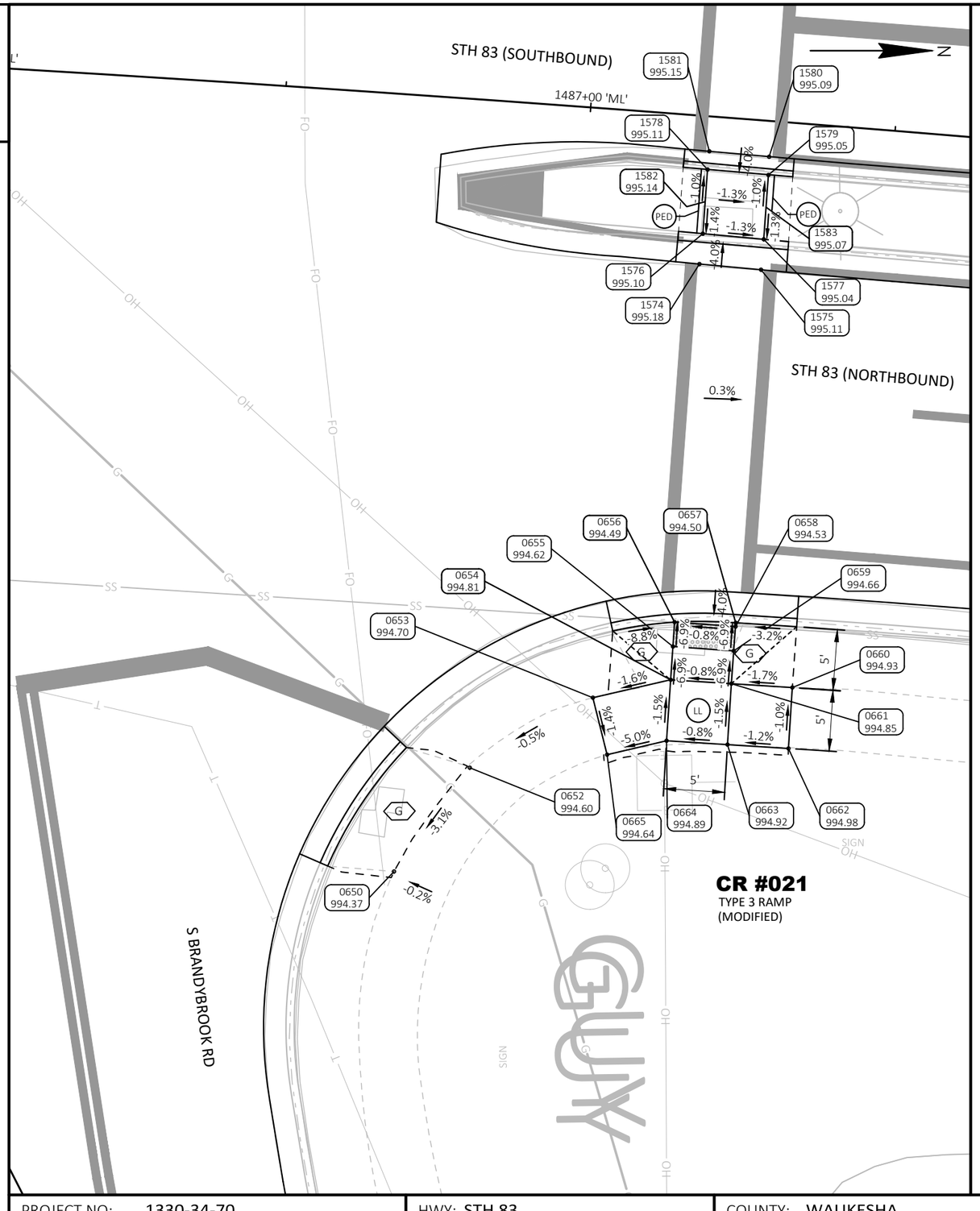
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

W BRANDYBROOK NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0534	1482+90.18	65.79' L	1004.05	155374.43	642306.44
0535	1482+93.26	62.49' L	1004.07	155377.53	642309.73
0536	1483+02.42	55.62' L	1003.89	155386.70	642316.57
0537	1483+09.76	54.93' L	1003.70	155394.05	642317.24
0538	1483+13.00	51.26' L	1003.62	155397.29	642320.90
0539	1483+17.01	54.96' L	1003.63	155401.29	642317.19
0540	1483+23.00	52.26' L	1003.47	155407.29	642319.88
0541	1483+27.99	52.24' L	1003.34	155412.28	642319.89
0542	1483+23.01	54.99' L	1003.60	155407.29	642317.15
0543	1483+30.01	55.01' L	1003.53	155414.29	642317.10
0544	1482+92.10	67.41' L	1004.48	155376.34	642304.82
0545	1482+94.41	64.88' L	1004.01	155378.66	642307.34
0546	1482+97.28	64.89' L	1003.98	155381.54	642307.32
0547	1483+16.97	64.96' L	1003.78	155401.23	642307.19
0548	1483+22.97	64.99' L	1003.75	155407.23	642307.15
0549	1483+29.97	65.10' L	1003.61	155414.22	642307.01

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHWEST	42.7 FT	22.56 FT	40.00 SF	18.29 FT

2



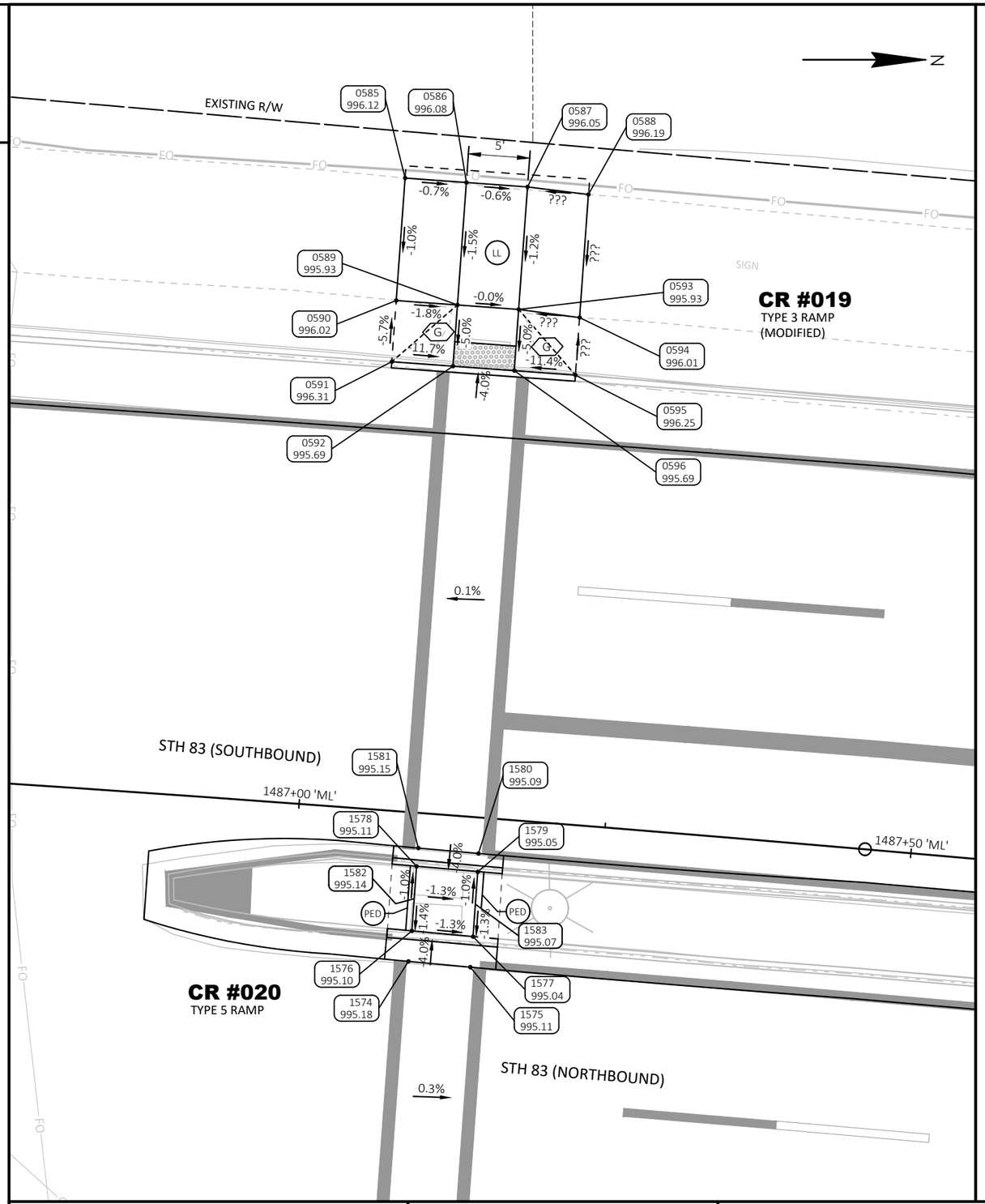
NOTES:
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3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

S BRANDYBROOK NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0650	1486+88.32	63.57' R	994.37	155766.98	642448.02
0652	1486+93.99	54.65' R	994.60	155773.31	642439.61
0653	1487+03.77	48.20' R	994.70	155783.48	642434.04
0654	1487+10.10	46.26' R	994.81	155789.87	642432.67
0655	1487+10.08	43.53' R	994.62	155790.10	642429.94
0656	1487+10.06	41.53' R	994.49	155790.26	642427.95
0657	1487+15.12	41.19' R	994.50	155795.27	642428.08
0658	1487+15.12	41.50' R	994.53	155795.24	642428.39
0659	1487+15.13	43.50' R	994.66	155795.07	642430.38
0660	1487+20.21	46.12' R	994.93	155799.82	642433.45
0661	1487+15.15	46.19' R	994.85	155794.83	642433.06
0662	1487+20.29	51.12' R	994.98	155799.43	642438.43
0663	1487+15.22	51.19' R	994.92	155794.44	642438.04
0664	1487+10.15	51.26' R	994.89	155789.46	642437.65
0665	1487+05.31	52.77' R	994.64	155784.57	642438.72

2



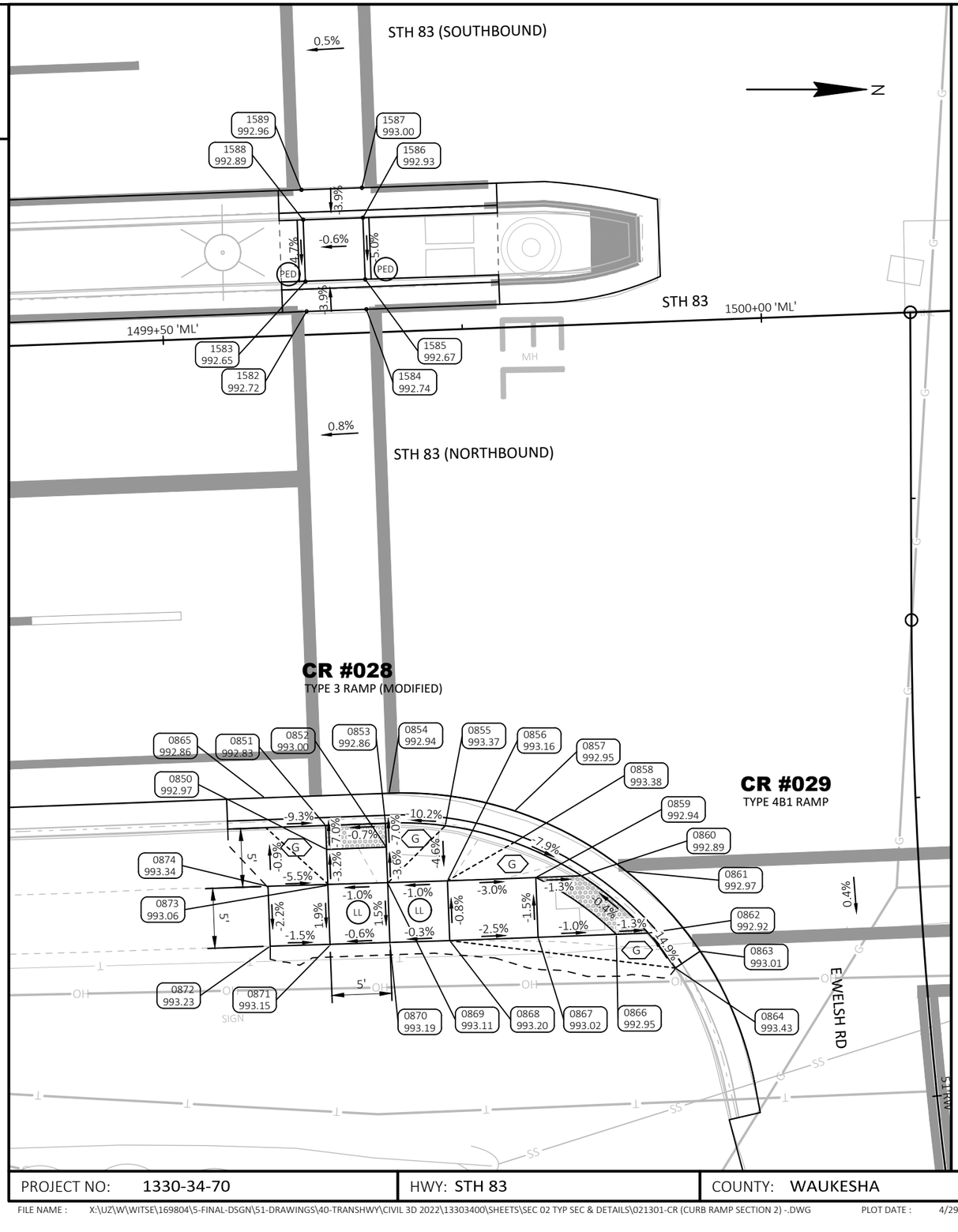
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LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

S BRANDYBROOK NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0585	1487+04.80	51.46' L	996.12	155793.44	642334.87
0586	1487+09.73	51.48' L	996.08	155798.42	642335.30
0587	1487+14.66	51.50' L	996.05	155803.40	642335.74
0588	1487+19.57	51.27' L	996.19	155808.35	642336.44
0589	1487+09.76	41.48' L	995.93	155797.55	642345.27
0590	1487+04.82	41.46' L	996.02	155792.57	642344.83
0591	1487+04.83	36.46' L	996.31	155792.13	642349.81
0592	1487+09.78	36.48' L	995.69	155797.11	642350.25
0593	1487+14.71	41.50' L	995.93	155802.53	642345.70
0594	1487+19.65	41.23' L	996.01	155807.48	642346.44
0595	1487+19.68	36.53' L	996.25	155807.07	642351.12
0596	1487+14.73	36.50' L	995.69	155802.09	642350.68

S BRANDYBROOK RD-N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1574	1487+09.85	12.13' R	995.18	155792.74	642398.66
1575	1487+14.93	12.21' R	995.11	155797.77	642399.20
1576	1487+09.95	9.63' R	995.10	155793.06	642396.18
1577	1487+14.96	9.71' R	995.04	155798.03	642396.72
1578	1487+09.93	4.36' R	995.11	155793.52	642390.93
1579	1487+14.93	4.43' R	995.05	155798.50	642391.45
1580	1487+14.87	2.94' R	995.09	155798.58	642389.97
1581	1487+09.95	2.86' R	995.15	155793.68	642389.44
1582	1487+09.94	7.00' R	995.14	155793.29	642393.56
1583	1487+14.95	7.07' R	995.07	155798.27	642394.08



NOTES:
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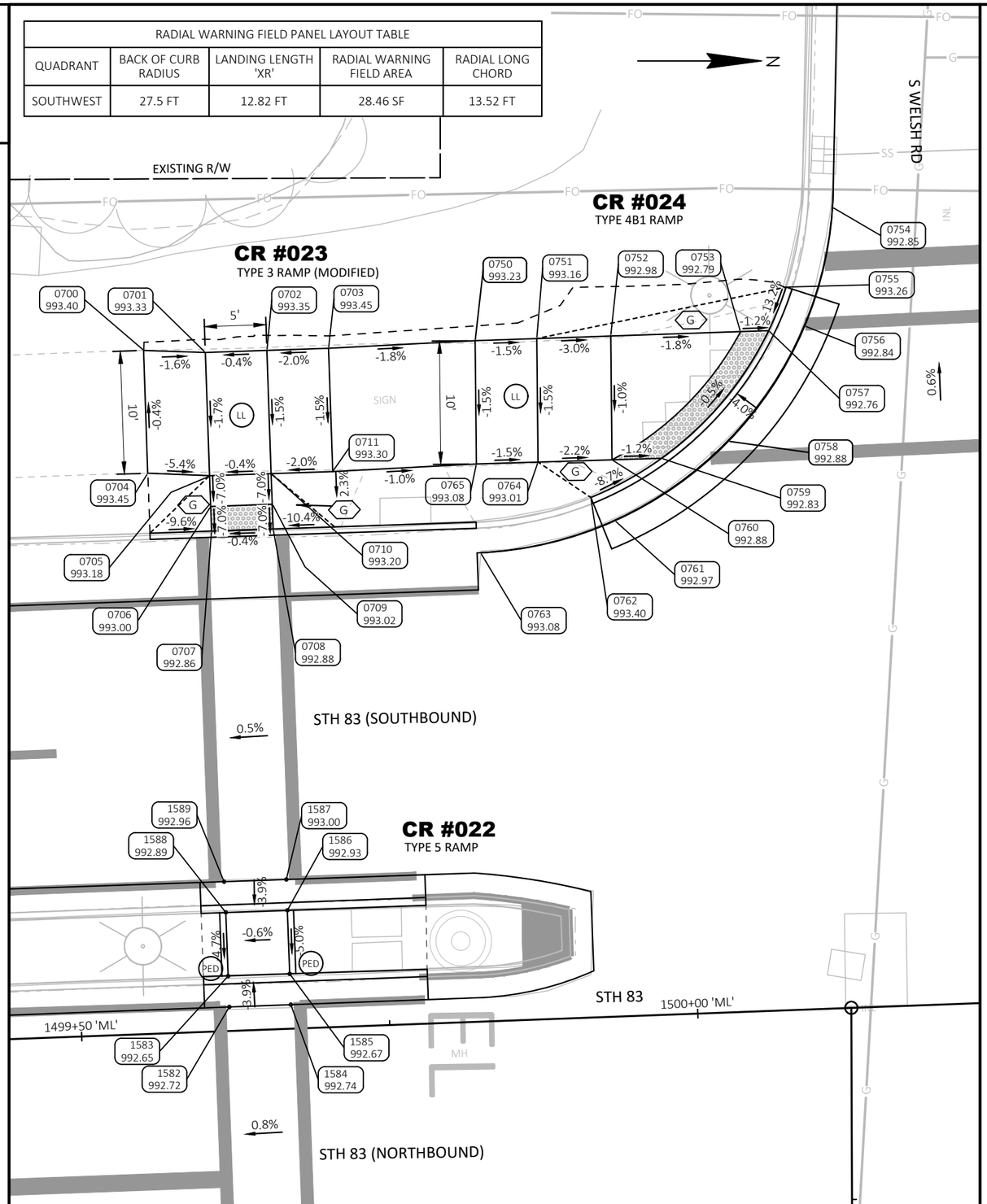
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHEAST	27.5 FT	9.20 FT	15.55 SF	7.36 FT

E WELSH RD SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0850	1499+62.05	43.02' R	992.97	157044.31	642489.71
0851	1499+62.05	41.02' R	992.83	157044.27	642487.71
0852	1499+67.05	43.02' R	993.00	157049.31	642489.60
0853	1499+67.05	41.02' R	992.86	157049.27	642487.60
0854	1499+67.44	38.52' R	992.94	157049.61	642485.09
0855	1499+72.04	41.41' R	993.37	157054.27	642487.87
0856	1499+72.05	46.02' R	993.16	157054.38	642492.48
0857	1499+77.88	40.39' R	992.95	157060.08	642486.73
0858	1499+77.74	43.02' R	993.38	157060.00	642489.36
0859	1499+79.44	46.02' R	992.94	157061.76	642492.32
0860	1499+83.24	46.01' R	992.89	157065.57	642492.23
0861	1499+87.01	45.78' R	992.97	157069.33	642491.92
0862	1499+88.64	51.01' R	992.92	157071.08	642497.10
0863	1499+92.93	52.68' R	993.01	157075.40	642498.68
0864	1499+90.80	54.00' R	993.43	157073.30	642500.05
0865	1499+57.05	38.52' R	992.86	157039.22	642485.32
0866	1499+85.98	51.01' R	992.95	157068.42	642497.17
0867	1499+79.44	51.02' R	993.02	157061.88	642497.32
0868	1499+72.05	51.01' R	993.20	157054.49	642497.48
0869	1499+67.05	46.02' R	993.11	157049.38	642492.59
0870	1499+67.05	51.02' R	993.19	157049.49	642497.59
0871	1499+62.05	51.02' R	993.15	157044.49	642497.70
0872	1499+57.05	50.92' R	993.23	157039.49	642497.72
0873	1499+62.05	46.02' R	993.06	157044.38	642492.70
0874	1499+57.05	45.92' R	993.34	157039.38	642492.71

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHWEST	27.5 FT	12.82 FT	28.46 SF	13.52 FT



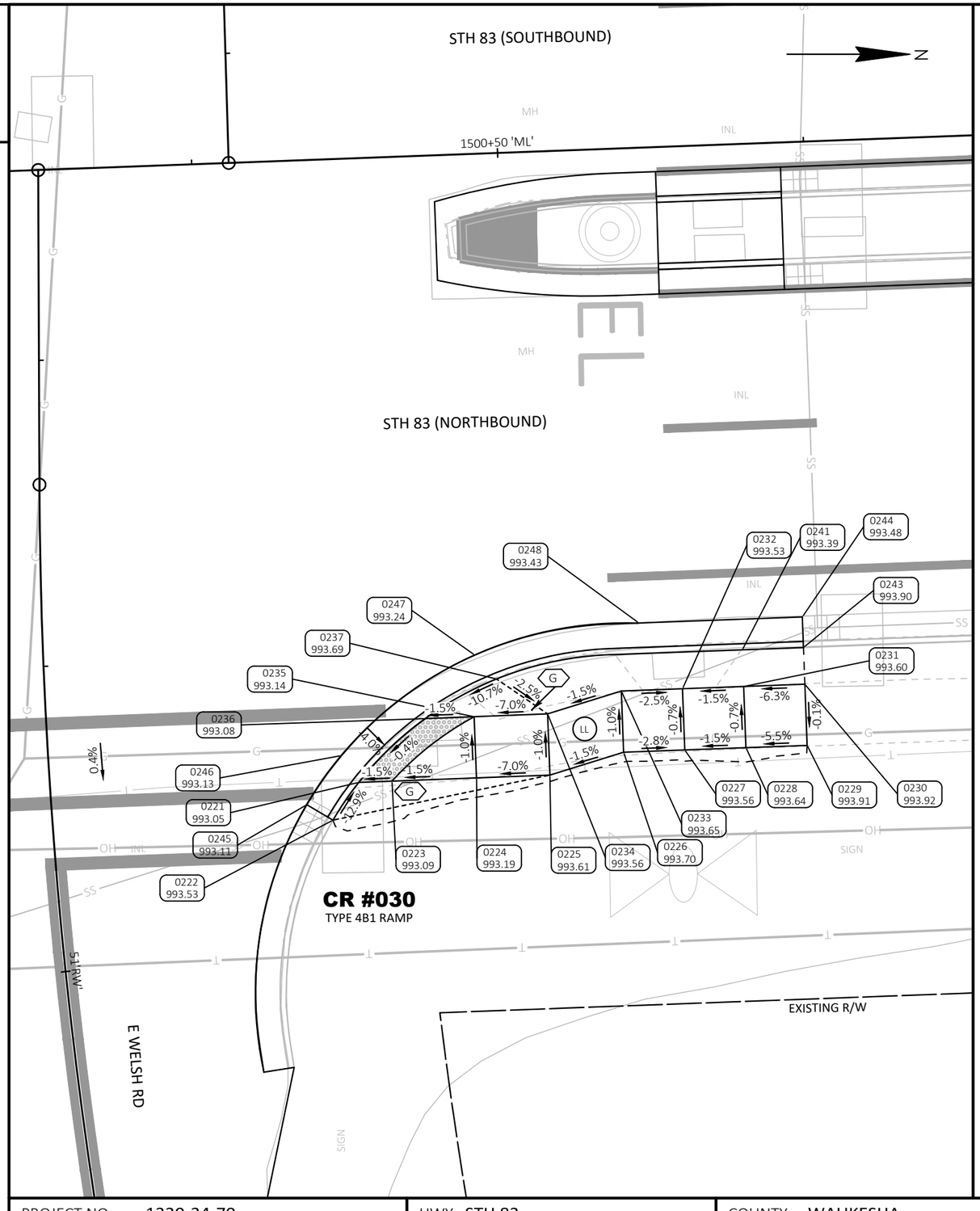
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

E WELSH RD SW						WELSH RD SW - MID BLOCK					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0750	1499+83.99	55.21' L	993.23	157064.08	642391.01	0700	1499+57.10	55.42' L	993.40	157037.20	642391.40
0751	1499+88.99	55.20' L	993.16	157069.08	642390.92	0701	1499+62.08	55.07' L	993.33	157042.19	642391.64
0752	1499+94.99	55.18' L	992.98	157075.08	642390.80	0702	1499+67.08	55.05' L	993.35	157047.18	642391.55
0753	1500+05.52	55.13' L	992.79	157085.61	642390.62	0703	1499+72.08	55.04' L	993.45	157052.18	642391.45
0754	1500+13.34	64.95' L	992.85	157093.21	642380.64	0704	1499+57.06	45.46' L	993.45	157037.37	642401.36
0755	1500+09.35	58.62' L	993.26	157089.37	642387.05	0705	1499+62.05	45.07' L	993.18	157042.37	642401.64
0756	1500+10.73	55.41' L	992.84	157090.82	642390.23	0706	1499+62.05	42.57' L	993.00	157042.43	642404.14
0757	1500+07.81	55.14' L	992.76	157087.90	642390.56	0707	1499+62.05	40.57' L	992.86	157042.47	642406.14
0758	1500+04.21	46.30' L	992.88	157084.50	642399.48	0708	1499+67.05	40.55' L	992.88	157047.47	642406.04
0759	1499+98.74	45.11' L	992.83	157079.06	642400.79	0709	1499+67.05	42.57' L	993.02	157047.43	642404.03
0760	1499+94.72	45.14' L	992.88	157075.03	642400.85	0710	1499+67.05	45.05' L	993.20	157047.37	642401.54
0761	1499+94.77	40.20' L	992.97	157075.20	642405.79	0711	1499+72.05	45.04' L	993.30	157052.37	642401.45
0762	1499+92.89	42.15' L	993.40	157073.27	642403.87						
0763	1499+83.78	38.00' L	993.08	157064.26	642408.22						
0764	1499+88.72	45.18' L	993.01	157069.03	642400.94						
0765	1499+83.72	45.22' L	993.08	157064.03	642401.01						

WELSH RD-S MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1582	1499+62.05	1.95' L	992.72	157043.32	642444.74
1583	1499+62.05	4.45' L	992.65	157043.27	642442.25
1584	1499+67.05	1.95' L	992.74	157048.32	642444.64
1585	1499+67.05	4.45' L	992.67	157048.27	642442.14
1586	1499+67.05	9.61' L	992.93	157048.15	642436.98
1587	1499+67.06	12.11' L	993.00	157048.11	642434.48
1588	1499+62.05	9.62' L	992.89	157043.15	642437.08
1589	1499+62.01	12.12' L	992.96	157043.06	642434.58



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHEAST	27.5 FT	9.62 FT	16.01 SF	7.53 FT

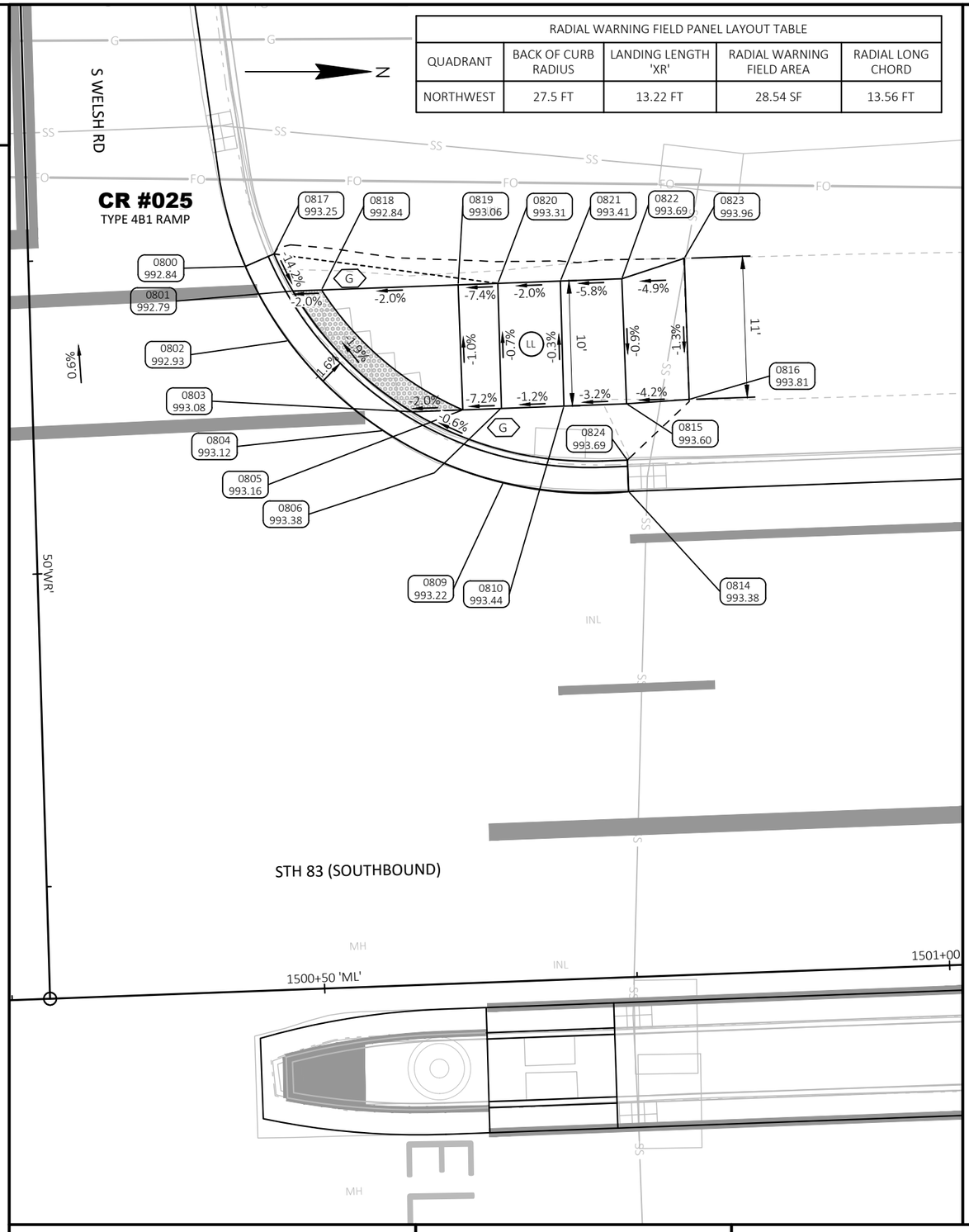
N WELSH RD NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0221	1500+36.77	50.95' R	993.05	157119.19	642495.99
0222	1500+34.54	53.95' R	993.53	157117.03	642499.04
0223	1500+39.48	50.95' R	993.09	157121.90	642495.92
0224	1500+46.39	50.94' R	993.19	157128.81	642495.76
0225	1500+52.39	50.93' R	993.61	157134.80	642495.63
0226	1500+58.47	49.29' R	993.70	157140.85	642493.85
0227	1500+63.47	49.29' R	993.56	157145.85	642493.74
0228	1500+68.47	49.29' R	993.64	157150.85	642493.63
0229	1500+73.47	49.29' R	993.91	157155.85	642493.52
0230	1500+73.47	44.29' R	993.92	157155.74	642488.52
0231	1500+68.47	44.29' R	993.60	157150.74	642488.63
0232	1500+63.47	44.29' R	993.53	157145.74	642488.74
0233	1500+58.47	44.29' R	993.65	157140.74	642488.85
0234	1500+52.38	45.93' R	993.56	157134.69	642490.63
0235	1500+46.38	45.94' R	993.14	157128.69	642490.77
0236	1500+42.39	45.94' R	993.08	157124.70	642490.86
0237	1500+48.33	42.94' R	993.69	157130.57	642487.72
0241	1500+68.47	41.29' R	993.39	157150.67	642485.63
0243	1500+73.47	41.29' R	993.90	157155.67	642485.52
0244	1500+73.47	38.79' R	993.48	157155.61	642483.02
0245	1500+32.46	52.62' R	993.11	157114.92	642497.75
0246	1500+35.41	48.71' R	993.13	157117.78	642493.78
0247	1500+46.62	40.91' R	993.24	157128.81	642485.74
0248	1500+60.10	38.79' R	993.43	157142.25	642483.32

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 51 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 2) -.DWG PLOT DATE : 4/29/2025 10:58 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHWEST	27.5 FT	13.22 FT	28.54 SF	13.56 FT



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

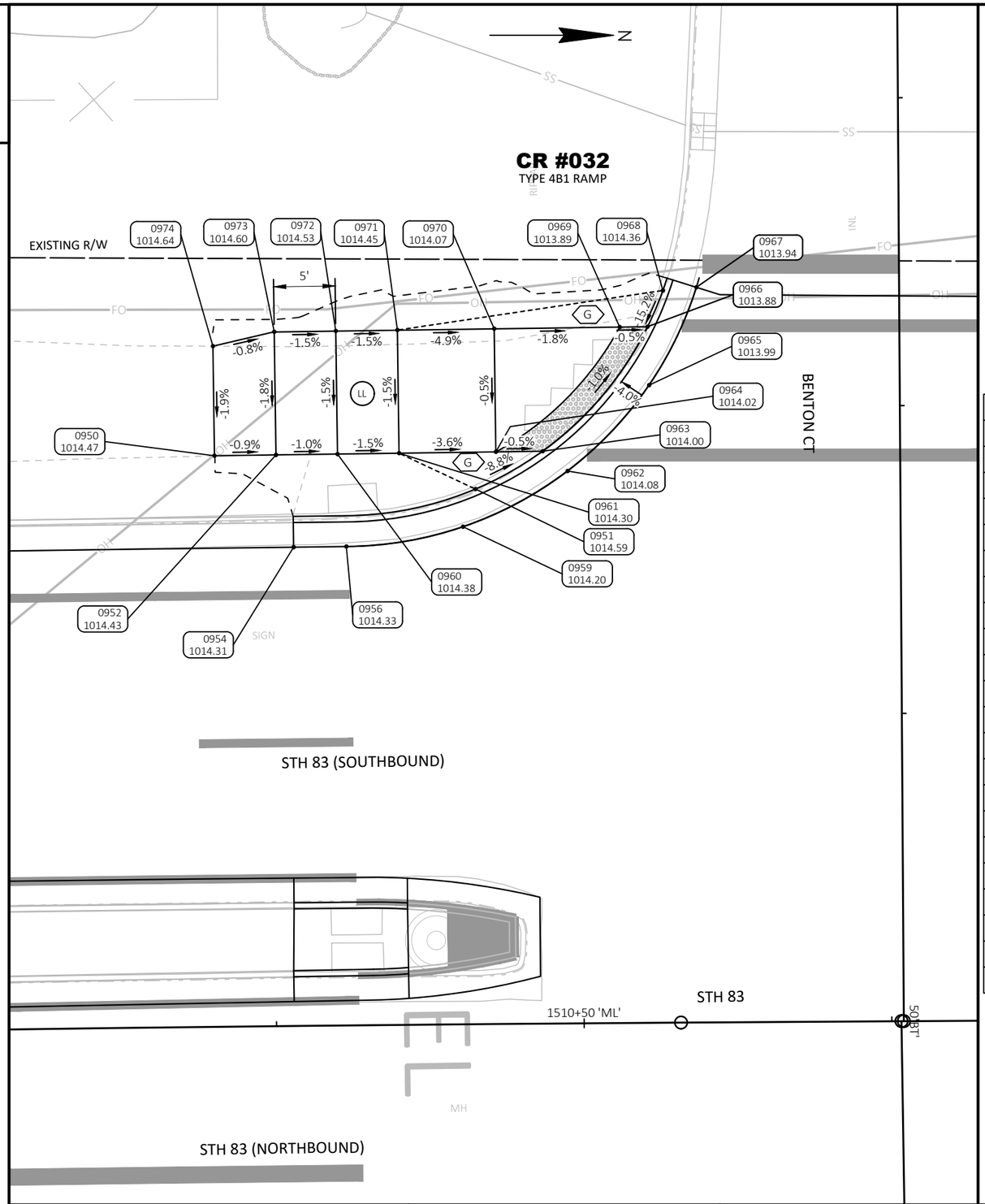
X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

N WELSH RD NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0800	1500+45.81	57.90' L	992.84	157125.83	642386.96
0801	1500+49.52	55.79' L	992.79	157129.59	642388.99
0802	1500+49.01	51.84' L	992.93	157129.16	642392.96
0803	1500+58.68	45.79' L	993.08	157138.97	642398.79
0804	1500+56.33	44.37' L	993.12	157136.65	642400.26
0805	1500+62.75	45.79' L	993.16	157143.03	642398.70
0806	1500+65.84	45.79' L	993.38	157146.13	642398.63
0809	1500+65.77	39.88' L	993.22	157146.18	642404.54
0810	1500+70.84	45.80' L	993.44	157151.13	642398.52
0814	1500+75.75	38.80' L	993.38	157156.19	642405.40
0815	1500+75.85	45.80' L	993.60	157156.13	642398.40
0816	1500+80.87	45.96' L	993.81	157161.14	642398.13
0817	1500+48.13	58.81' L	993.25	157128.13	642386.01
0818	1500+51.82	55.79' L	992.84	157131.89	642388.94
0819	1500+62.75	55.79' L	993.06	157142.81	642388.70
0820	1500+65.93	55.79' L	993.31	157145.99	642388.63
0821	1500+70.93	55.80' L	993.41	157150.99	642388.52
0822	1500+75.85	55.80' L	993.69	157155.91	642388.41
0823	1500+80.90	57.24' L	993.96	157160.92	642386.85
0824	1500+75.75	41.30' L	993.69	157156.13	642402.90

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 52 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 2) -.DWG PLOT DATE : 4/29/2025 10:59 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

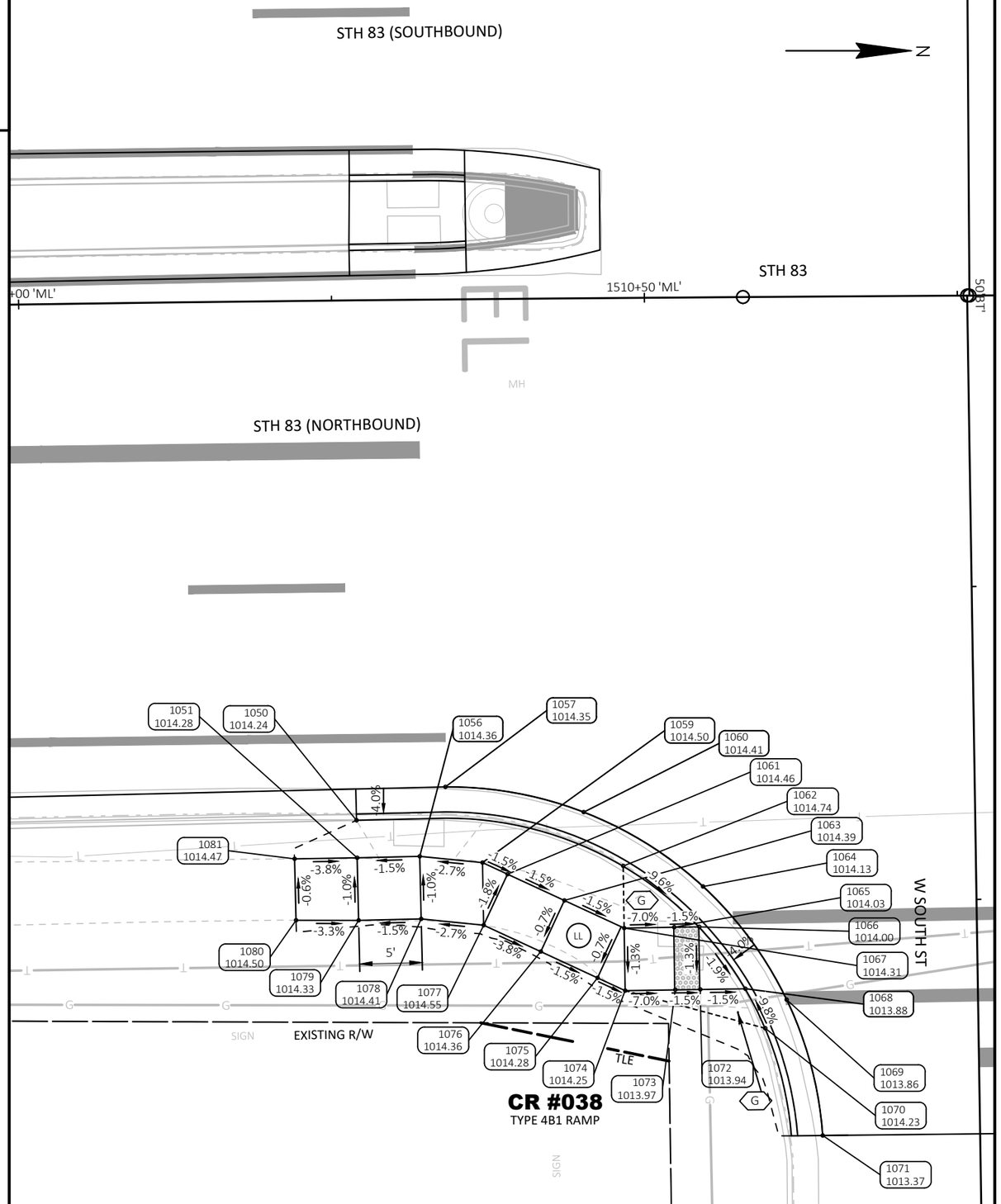
RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHWEST	27.5 FT	12.47	27.65 SF	13.23 FT

BENTON CT SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
0950	1510+20.48	46.37' L	1014.47	158101.75	642379.50
0951	1510+41.54	43.45' L	1014.59	158122.92	642382.53
0952	1510+25.45	46.39' L	1014.43	158106.75	642379.51
0954	1510+26.80	38.88' L	1014.31	158108.07	642387.02
0956	1510+31.06	38.89' L	1014.33	158112.35	642387.03
0959	1510+40.51	40.40' L	1014.20	158121.86	642385.57
0960	1510+30.42	46.40' L	1014.38	158111.75	642379.51
0961	1510+35.39	46.42' L	1014.30	158116.75	642379.52
0962	1510+48.99	44.86' L	1014.08	158130.42	642381.18
0963	1510+46.99	46.48' L	1014.00	158128.42	642379.54
0964	1510+43.21	46.46' L	1014.02	158124.62	642379.53
0965	1510+55.62	51.79' L	1013.99	158137.15	642374.30
0966	1510+55.53	56.54' L	1013.88	158137.10	642369.55
0967	1510+59.50	59.71' L	1013.94	158141.11	642366.41
0968	1510+56.79	59.47' L	1014.36	158138.39	642366.62
0969	1510+53.28	56.52' L	1013.89	158134.84	642369.54
0970	1510+43.16	56.46' L	1014.07	158124.63	642369.53
0971	1510+35.35	56.42' L	1014.45	158116.77	642369.52
0972	1510+30.38	56.40' L	1014.53	158111.76	642369.51
0973	1510+25.42	56.39' L	1014.60	158106.76	642369.51
0974	1510+20.46	55.28' L	1014.64	158101.76	642370.60

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 53 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 2) -.DWG PLOT DATE : 4/29/2025 10:59 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

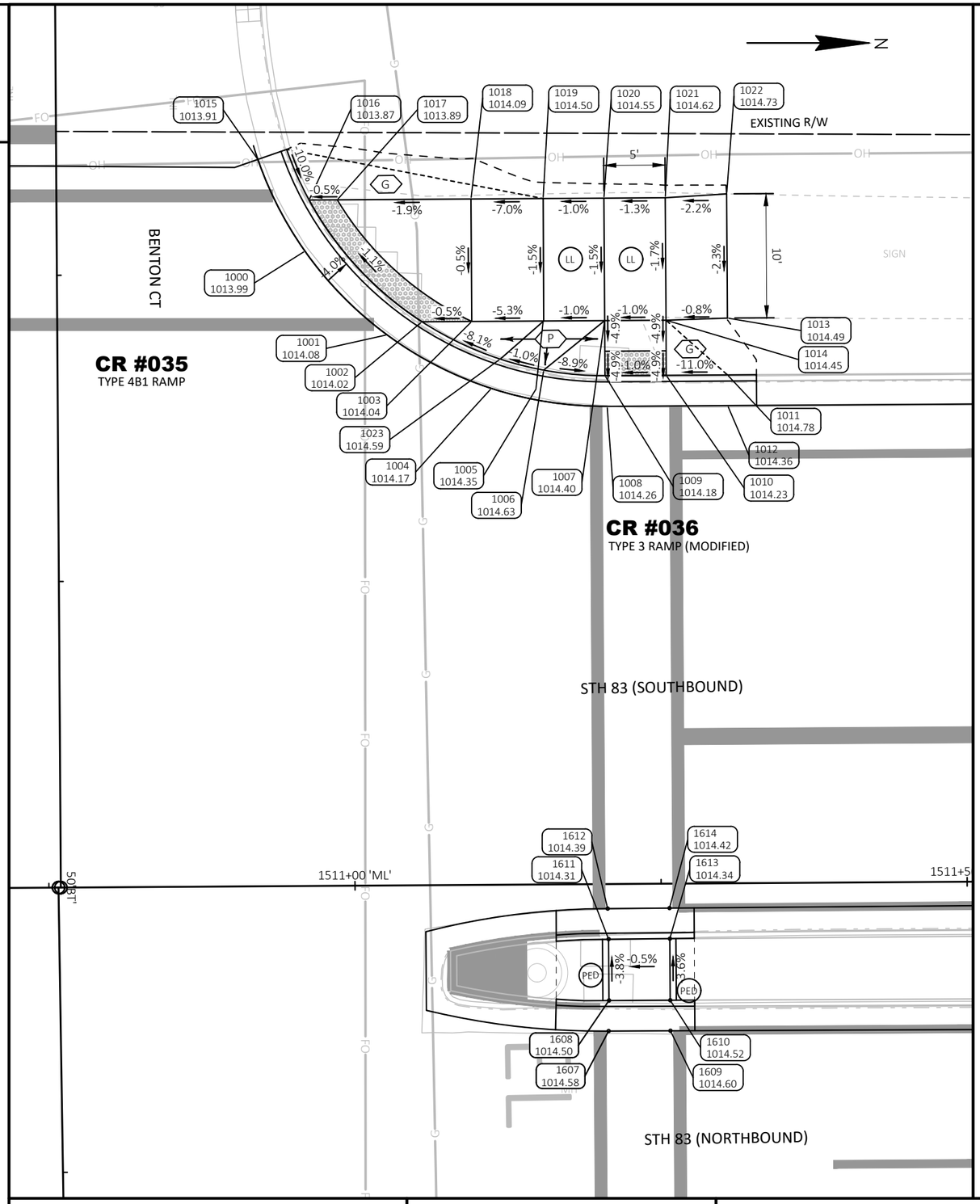
X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

SOUTH ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1050	1510+26.55	41.55' R	1014.24	158107.46	642467.44
1051	1510+26.58	44.55' R	1014.28	158107.47	642470.44
1056	1510+31.61	44.48' R	1014.36	158112.47	642470.40
1057	1510+33.72	38.95' R	1014.35	158114.60	642464.88
1059	1510+36.64	45.03' R	1014.50	158117.47	642470.98
1060	1510+44.81	41.07' R	1014.41	158125.62	642467.07
1061	1510+38.65	45.97' R	1014.46	158119.46	642471.93
1062	1510+47.95	45.39' R	1014.74	158128.71	642471.41
1063	1510+43.20	48.11' R	1014.39	158123.97	642474.10
1064	1510+54.35	47.08' R	1014.13	158135.06	642473.15
1065	1510+52.02	50.32' R	1014.03	158132.71	642476.37
1066	1510+54.03	50.30' R	1014.00	158134.71	642476.37
1067	1510+47.99	50.35' R	1014.31	158128.71	642476.37
1068	1510+57.71	55.27' R	1013.88	158138.33	642481.37
1069	1510+61.00	56.16' R	1013.86	158141.60	642482.29
1070	1510+59.28	58.44' R	1014.23	158139.86	642484.55
1071	1510+63.82	67.03' R	1013.37	158144.33	642493.19
1072	1510+54.08	55.30' R	1013.94	158134.72	642481.37
1073	1510+52.06	55.32' R	1013.97	158132.72	642481.37
1074	1510+48.03	55.35' R	1014.25	158128.72	642481.37
1075	1510+45.82	54.31' R	1014.28	158126.53	642480.32
1076	1510+41.27	52.18' R	1014.36	158122.02	642478.15
1077	1510+36.69	50.03' R	1014.55	158117.49	642475.98
1078	1510+31.67	49.48' R	1014.41	158112.51	642475.40
1079	1510+26.64	49.54' R	1014.33	158107.51	642475.44
1080	1510+21.61	49.48' R	1014.50	158102.51	642475.35
1081	1510+21.55	44.57' R	1014.47	158102.47	642470.44

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 54 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 2) -.DWG PLOT DATE : 4/29/2025 10:59 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42



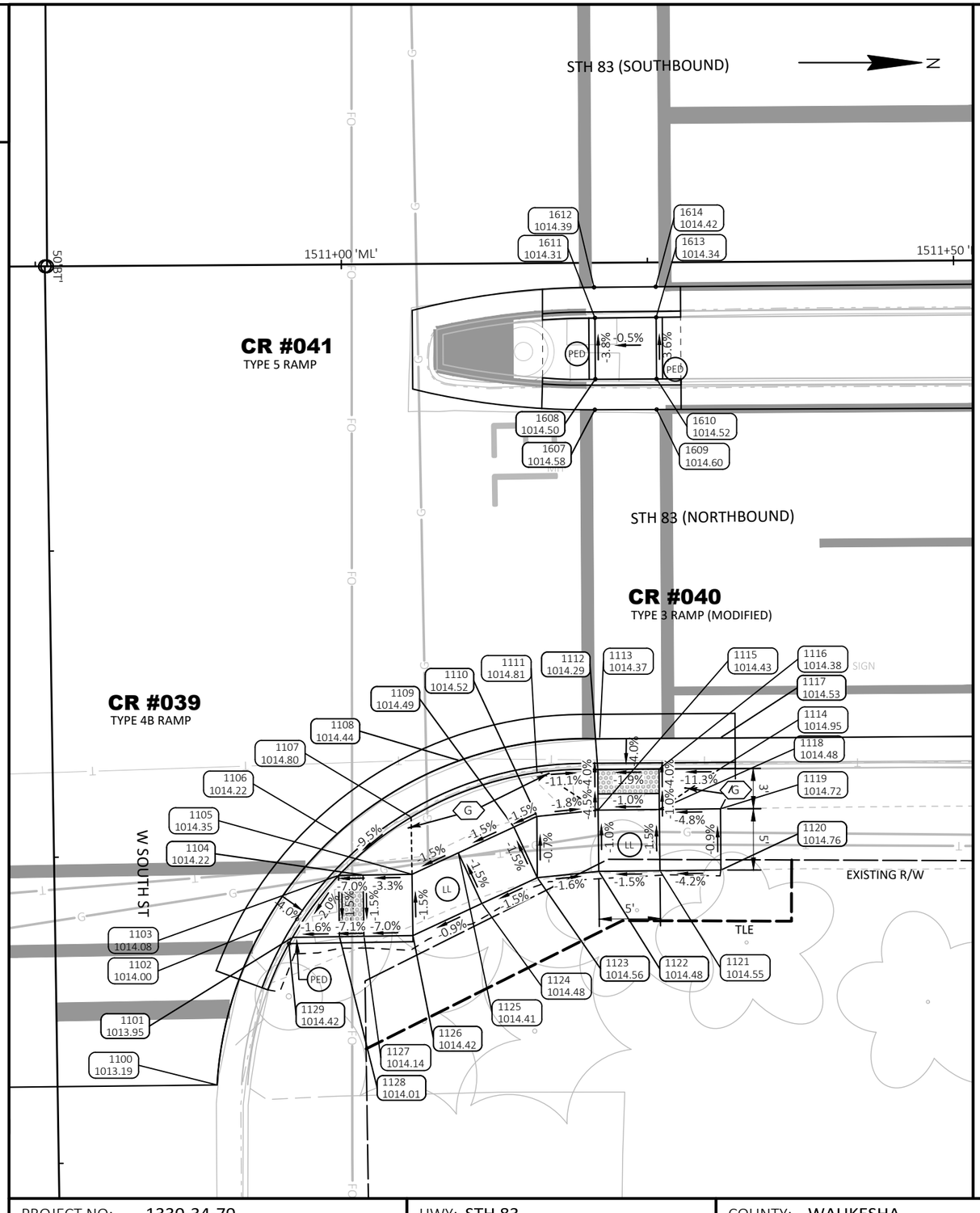
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHWEST	27.5 FT	13.22 FT	28.57 SF	13.56 FT

BENTON CT NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1000	1510+96.24	51.84' L	1013.99	158177.79	642374.60
1001	1511+02.91	44.96' L	1014.08	158184.39	642381.54
1002	1511+05.77	46.01' L	1014.02	158187.26	642380.51
1003	1511+09.83	46.01' L	1014.04	158191.32	642380.55
1004	1511+11.40	40.54' L	1014.17	158192.84	642386.04
1005	1511+15.70	46.01' L	1014.35	158197.19	642380.60
1006	1511+15.68	42.00' L	1014.63	158197.14	642384.61
1007	1511+20.69	46.01' L	1014.40	158202.18	642380.64
1008	1511+20.85	39.01' L	1014.26	158202.28	642387.65
1009	1511+20.68	41.51' L	1014.18	158202.14	642385.14
1010	1511+25.68	41.51' L	1014.23	158207.14	642385.19
1011	1511+30.68	41.52' L	1014.78	158212.14	642385.22
1012	1511+30.68	39.01' L	1014.36	158212.12	642387.73
1013	1511+30.72	46.15' L	1014.49	158212.21	642380.59
1014	1511+25.70	46.01' L	1014.45	158207.19	642380.69
1015	1510+92.44	59.36' L	1013.91	158174.05	642367.05
1016	1510+96.61	56.01' L	1013.87	158178.19	642370.43
1017	1510+98.91	56.01' L	1013.89	158180.49	642370.45
1018	1511+09.83	56.01' L	1014.09	158191.41	642370.55
1019	1511+15.73	56.01' L	1014.50	158197.31	642370.60
1020	1511+20.69	56.01' L	1014.55	158202.27	642370.64
1021	1511+25.70	56.01' L	1014.62	158207.28	642370.69
1022	1511+30.72	56.30' L	1014.73	158212.30	642370.45
1023	1511+12.14	42.93' L	1014.59	158193.60	642383.65



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

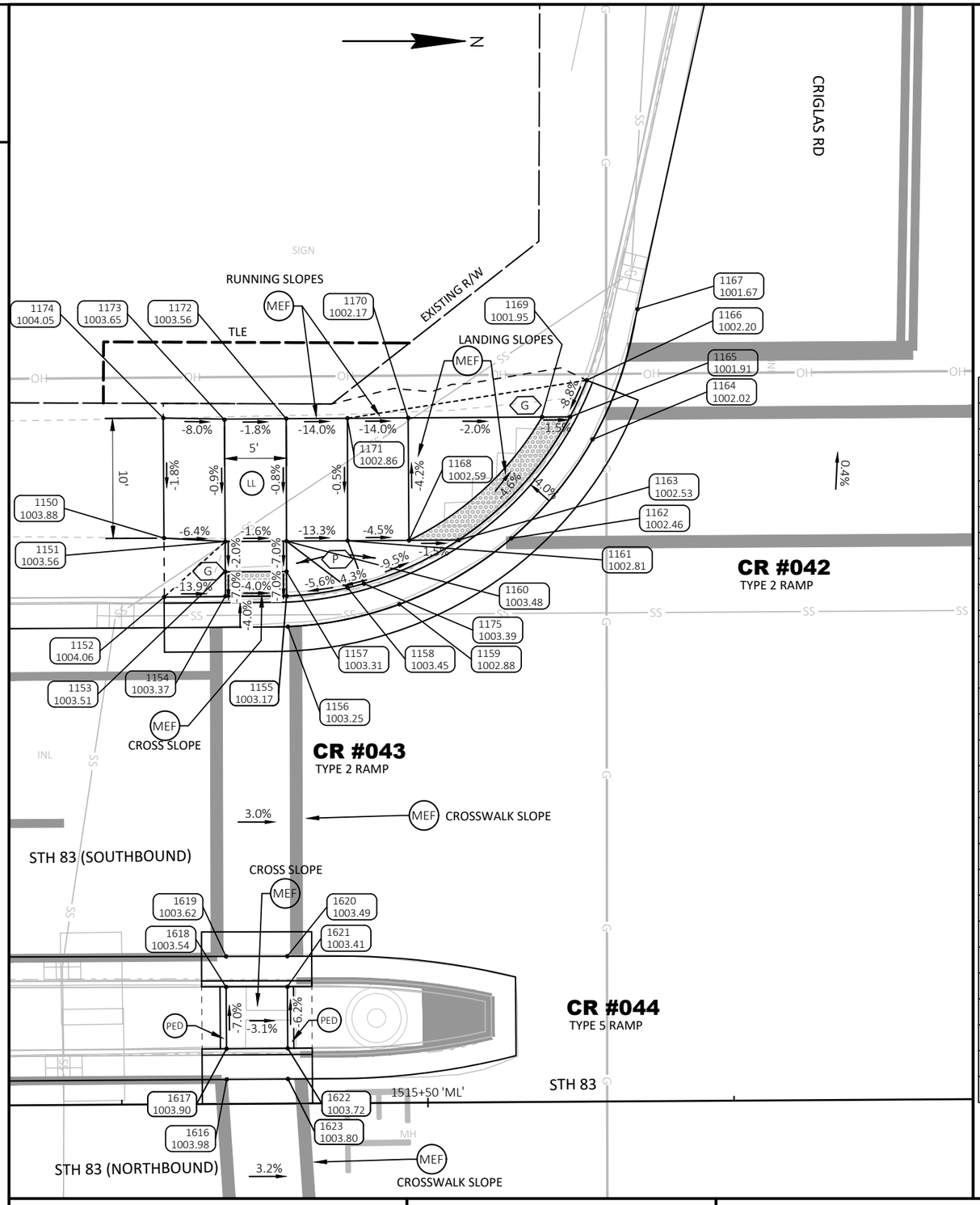
X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

SOUTH ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1100	1510+89.42	66.93' R	1013.19	158169.93	642493.30
1101	1510+95.65	54.92' R	1013.95	158176.27	642481.35
1102	1510+93.19	54.21' R	1014.00	158173.81	642480.62
1103	1510+99.45	49.89' R	1014.08	158180.11	642476.35
1104	1511+01.45	49.87' R	1014.22	158182.11	642476.35
1105	1511+05.45	49.83' R	1014.35	158186.11	642476.35
1106	1510+99.39	46.47' R	1014.22	158180.08	642472.93
1107	1511+05.41	45.16' R	1014.80	158186.11	642471.68
1108	1511+09.38	40.57' R	1014.44	158190.12	642467.12
1109	1511+13.80	46.03' R	1014.49	158194.49	642472.62
1110	1511+15.68	45.17' R	1014.52	158196.38	642471.78
1111	1511+15.72	41.62' R	1014.81	158196.45	642468.22
1112	1511+20.68	41.36' R	1014.29	158201.42	642468.02
1113	1511+20.85	38.86' R	1014.37	158201.60	642465.52
1114	1511+30.68	41.36' R	1014.95	158211.42	642468.10
1115	1511+20.68	44.69' R	1014.43	158201.39	642471.34
1116	1511+25.68	41.36' R	1014.38	158206.42	642468.06
1117	1511+30.69	38.86' R	1014.53	158211.45	642465.60
1118	1511+25.68	44.67' R	1014.48	158206.39	642471.36
1119	1511+30.68	44.65' R	1014.72	158211.39	642471.38
1120	1511+30.68	49.65' R	1014.76	158211.34	642476.38
1121	1511+25.71	49.67' R	1014.55	158206.37	642476.36
1122	1511+20.71	49.69' R	1014.48	158201.37	642476.34
1123	1511+15.68	50.17' R	1014.56	158196.34	642476.78
1124	1511+11.13	52.25' R	1014.48	158191.77	642478.81
1125	1511+09.25	48.10' R	1014.41	158189.92	642474.65
1126	1511+05.50	54.83' R	1014.42	158186.11	642481.35
1127	1511+01.50	54.87' R	1014.14	158182.11	642481.35
1128	1510+99.50	54.89' R	1014.01	158180.11	642481.35
1129	1510+95.36	55.42' R	1014.42	158175.97	642481.85

SOUTH ST-N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1607	1511+20.63	12.00' R	1014.58	158201.62	642438.65
1608	1511+20.68	9.50' R	1014.50	158201.69	642436.15
1609	1511+25.68	12.01' R	1014.60	158206.67	642438.71
1610	1511+25.68	9.52' R	1014.52	158206.69	642436.21
1611	1511+20.68	4.50' R	1014.31	158201.74	642431.15
1612	1511+20.62	2.00' R	1014.39	158201.70	642428.65
1613	1511+25.68	4.49' R	1014.34	158206.74	642431.19
1614	1511+25.67	1.99' R	1014.42	158206.74	642428.69

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 56 E



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

RADIAL WARNING FIELD PANEL LAYOUT TABLE

QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHWEST	27.5 FT	13.22 FT	28.47 SF	13.56 FT

CRIGLAS RD SW

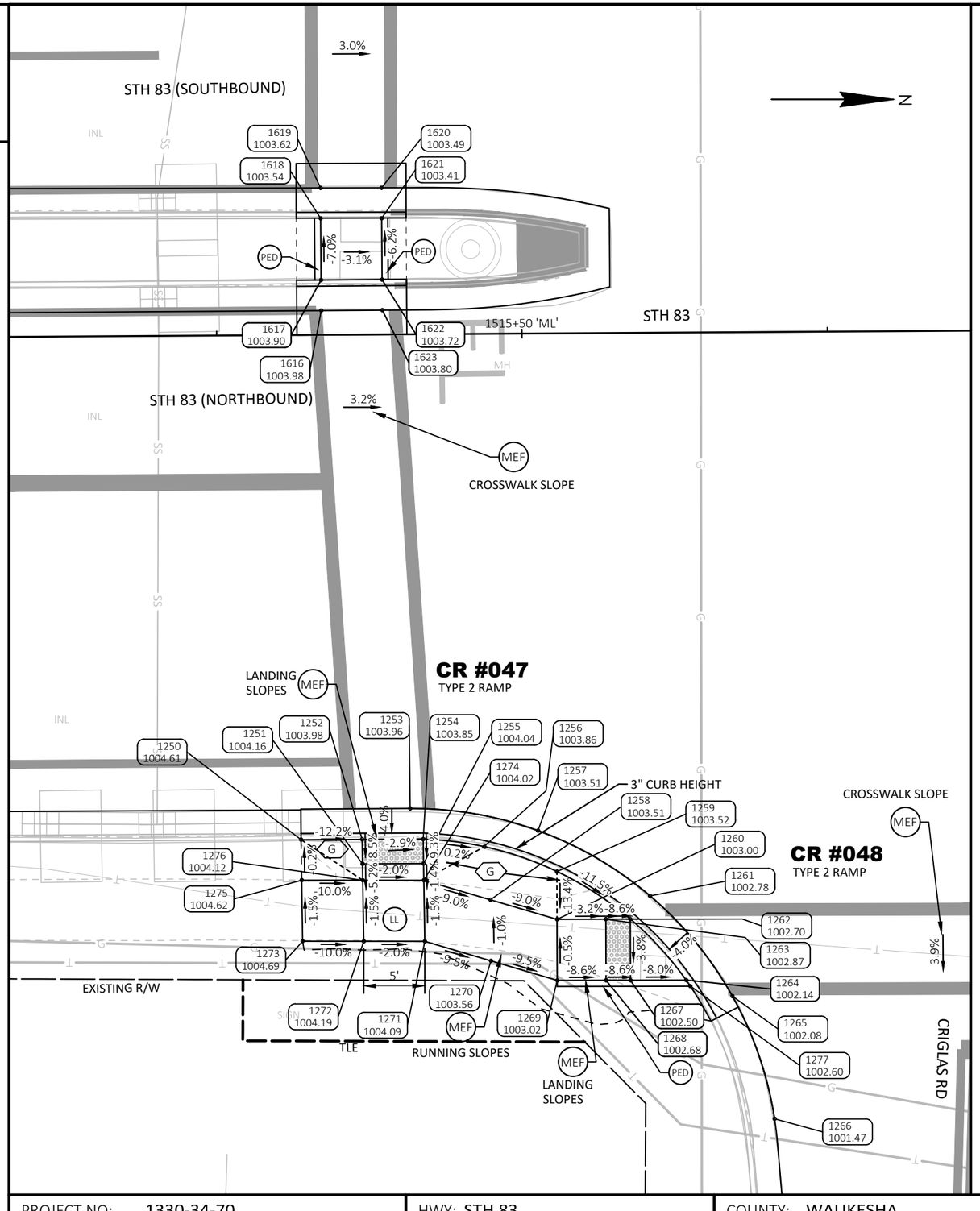
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1150	1515+28.74	46.23' L	1003.88	158610.22	642383.98
1151	1515+33.74	45.91' L	1003.56	158615.21	642384.34
1152	1515+28.72	41.41' L	1004.06	158610.15	642388.80
1153	1515+33.73	43.45' L	1003.51	158615.18	642386.80
1154	1515+33.72	41.45' L	1003.37	158615.15	642388.80
1155	1515+38.72	41.43' L	1003.17	158620.15	642388.87
1156	1515+38.81	38.93' L	1003.25	158620.22	642391.36
1157	1515+38.73	43.43' L	1003.31	158620.18	642386.87
1158	1515+43.72	42.07' L	1003.45	158625.16	642388.27
1159	1515+47.92	40.71' L	1002.88	158629.35	642389.67
1160	1515+38.74	45.91' L	1003.48	158620.21	642384.38
1161	1515+43.74	45.91' L	1002.81	158625.21	642384.43
1162	1515+57.10	46.02' L	1002.46	158638.58	642384.43
1163	1515+52.81	45.91' L	1002.53	158634.28	642384.51
1164	1515+63.78	54.06' L	1002.02	158645.33	642376.46
1165	1515+61.96	55.91' L	1001.91	158643.53	642374.59
1166	1515+63.34	58.89' L	1002.20	158644.93	642371.62
1167	1515+67.53	64.67' L	1001.67	158649.17	642365.87
1168	1515+48.74	45.91' L	1002.59	158630.22	642384.47
1169	1515+59.67	55.91' L	1001.95	158641.23	642374.57
1170	1515+48.74	55.91' L	1002.17	158630.30	642374.47
1171	1515+43.78	55.91' L	1002.86	158625.34	642374.43
1172	1515+38.78	55.91' L	1003.56	158620.34	642374.38
1173	1515+33.74	55.85' L	1003.65	158615.30	642374.40
1174	1515+28.74	56.02' L	1004.05	158610.31	642374.18
1175	1515+45.03	42.41' L	1003.39	158626.48	642387.94

CRIGLAS RD-S MEDIAN

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1616	1515+33.58	2.00' L	1003.98	158614.67	642428.25
1617	1515+33.57	4.50' L	1003.90	158614.69	642425.75
1618	1515+33.57	9.54' L	1003.54	158614.73	642420.71
1619	1515+33.58	12.04' L	1003.62	158614.76	642418.21
1620	1515+38.58	12.02' L	1003.49	158619.76	642418.27
1621	1515+38.57	9.52' L	1003.41	158619.73	642420.77
1622	1515+38.57	4.50' L	1003.72	158619.69	642425.79
1623	1515+38.58	2.00' L	1003.80	158619.67	642428.29

2

PROJECT NO: 1330-34-70 | HWY: STH 83 | COUNTY: WAUKESHA | CURB RAMP DETAILS | SHEET 57 E

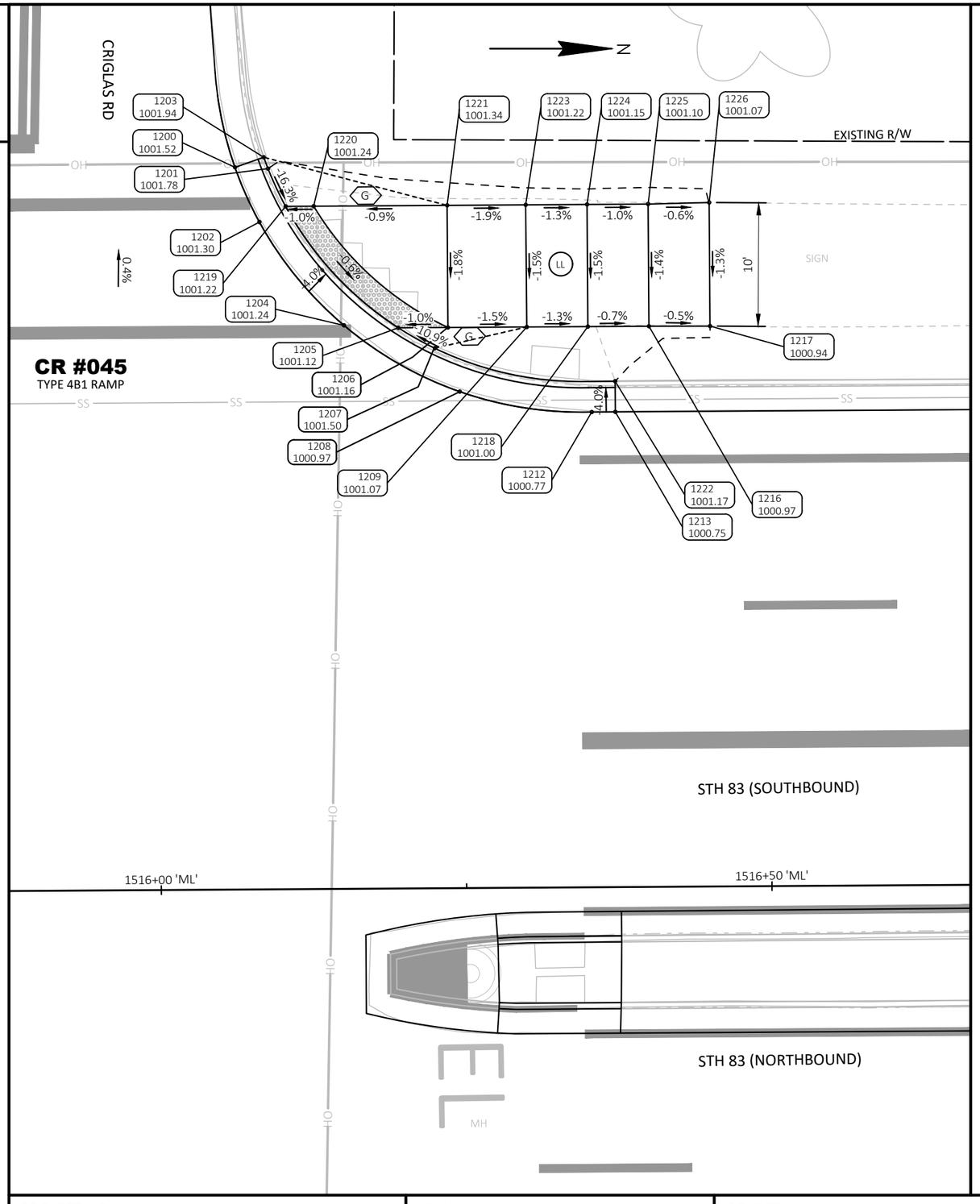


NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

CRIGLAS RD SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1250	1515+31.65	41.32' R	1004.61	158612.36	642471.56
1251	1515+36.67	43.34' R	1004.16	158617.36	642473.61
1252	1515+36.65	41.32' R	1003.98	158617.36	642471.60
1253	1515+40.59	38.82' R	1003.96	158621.33	642469.13
1254	1515+41.65	41.35' R	1003.85	158622.36	642471.66
1255	1515+41.67	43.34' R	1004.04	158622.36	642473.66
1256	1515+46.65	42.00' R	1003.86	158627.36	642472.36
1257	1515+51.05	40.71' R	1003.51	158631.77	642471.10
1258	1515+47.12	46.35' R	1003.51	158627.79	642476.71
1259	1515+52.57	44.07' R	1003.52	158633.26	642474.48
1260	1515+52.56	47.98' R	1003.00	158633.22	642478.39
1261	1515+60.19	46.11' R	1002.78	158640.86	642476.59
1262	1515+58.56	48.00' R	1002.70	158639.22	642478.47
1263	1515+56.56	48.00' R	1002.87	158637.22	642478.44
1264	1515+63.10	53.02' R	1002.14	158643.71	642483.52
1265	1515+66.88	54.36' R	1002.08	158647.48	642484.90
1266	1515+70.27	64.43' R	1001.47	158650.78	642494.99
1267	1515+58.54	53.00' R	1002.50	158639.15	642483.47
1268	1515+56.54	53.00' R	1002.68	158637.15	642483.44
1269	1515+52.54	52.98' R	1003.02	158633.16	642483.39
1270	1515+47.13	51.35' R	1003.56	158627.76	642481.71
1271	1515+41.72	49.71' R	1004.09	158622.37	642480.03
1272	1515+36.72	49.68' R	1004.19	158617.37	642479.95
1273	1515+31.72	49.64' R	1004.69	158612.36	642479.87
1274	1515+41.68	44.71' R	1004.02	158622.36	642475.03
1275	1515+31.68	44.64' R	1004.62	158612.36	642474.87
1276	1515+36.68	44.68' R	1004.12	158617.36	642474.95
1277	1515+63.44	53.52' R	1002.60	158644.05	642484.03



NOTES:
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2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

CRIGLAS RD NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1200	1516+06.41	59.13' L	1001.52	158688.00	642371.75
1201	1516+09.11	59.01' L	1001.78	158690.70	642371.90
1202	1516+08.38	54.64' L	1001.30	158689.92	642376.26
1203	1516+08.77	59.95' L	1001.94	158690.36	642370.96
1204	1516+15.24	46.14' L	1001.24	158696.71	642384.83
1205	1516+19.69	45.91' L	1001.12	158701.16	642385.09
1206	1516+23.75	45.91' L	1001.16	158705.23	642385.12
1207	1516+22.68	44.22' L	1001.50	158704.14	642386.81
1208	1516+24.69	40.65' L	1000.97	158706.12	642390.39
1209	1516+30.21	45.91' L	1001.07	158711.68	642385.18
1212	1516+35.48	38.91' L	1000.77	158716.89	642392.23
1213	1516+37.42	38.91' L	1000.75	158718.83	642392.24
1216	1516+40.22	45.90' L	1000.97	158721.69	642385.28
1217	1516+45.21	45.89' L	1000.94	158726.69	642385.34
1218	1516+35.21	45.91' L	1001.00	158716.68	642385.22
1219	1516+10.53	55.91' L	1001.22	158692.09	642375.01
1220	1516+12.83	55.91' L	1001.24	158694.39	642375.03
1221	1516+23.75	55.91' L	1001.34	158705.31	642375.12
1222	1516+37.42	41.42' L	1001.17	158718.85	642389.74
1223	1516+30.19	55.91' L	1001.22	158711.75	642375.18
1224	1516+35.21	55.91' L	1001.15	158716.77	642375.22
1225	1516+40.22	55.91' L	1001.10	158721.77	642375.27
1226	1516+45.21	56.00' L	1001.07	158726.77	642375.22

2

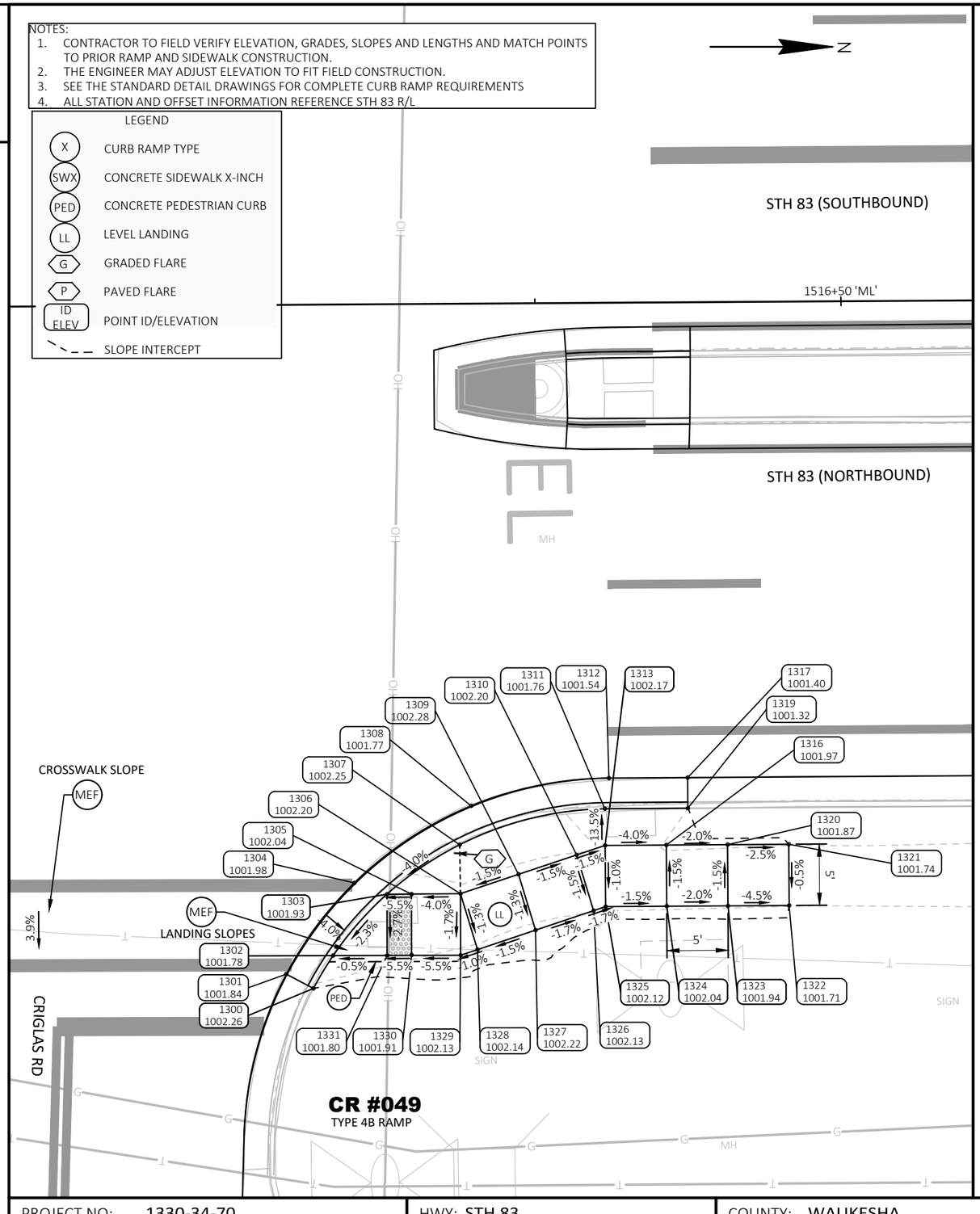
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 59 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 2) -.DWG PLOT DATE : 4/29/2025 11:00 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

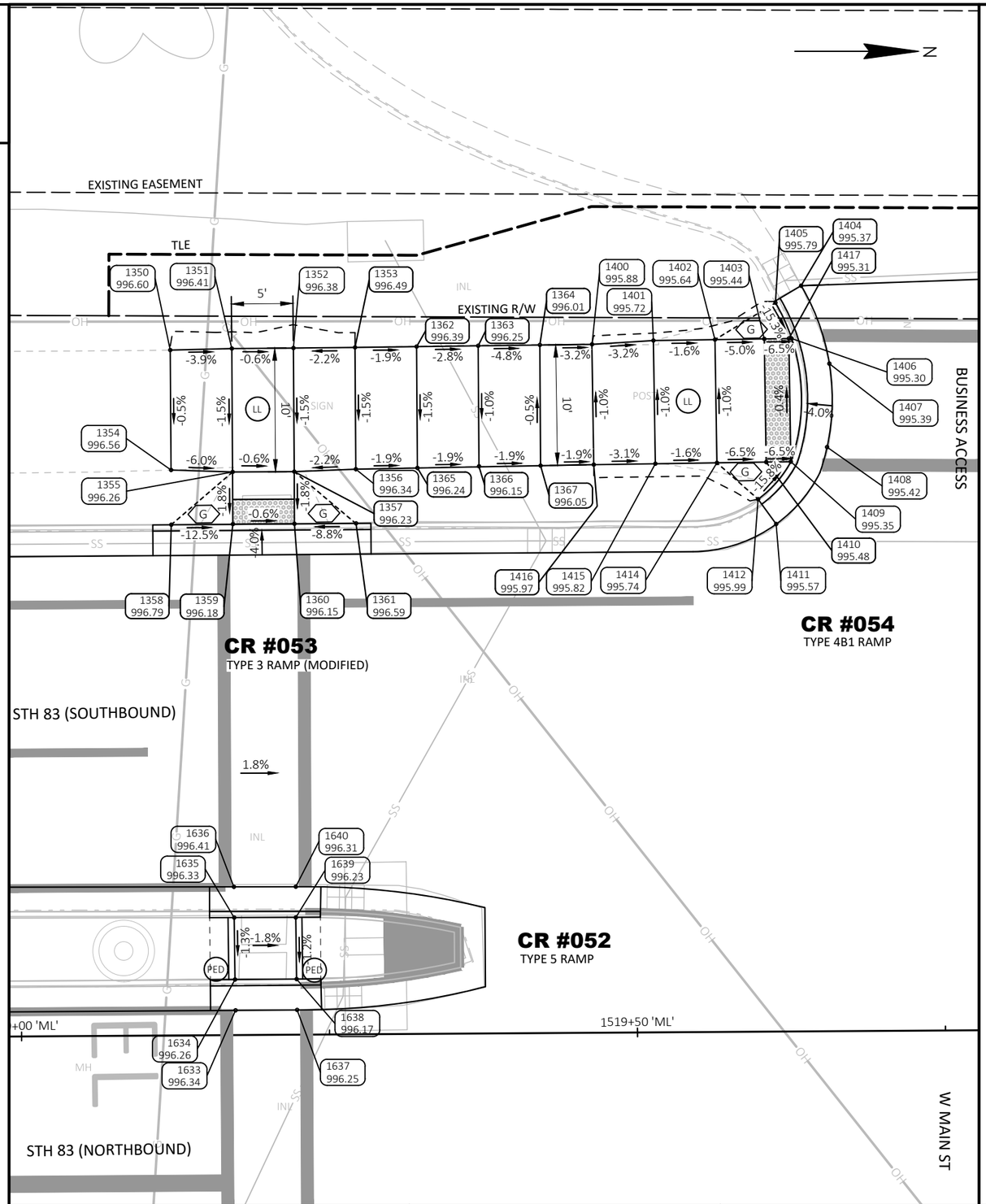
LEGEND

- X — CURB RAMP TYPE
- SWX — CONCRETE SIDEWALK X-INCH
- PED — CONCRETE PEDESTRIAN CURB
- LL — LEVEL LANDING
- G — GRADED FLARE
- P — PAVED FLARE
- ID / ELEV — POINT ID/ELEVATION
- SLOPE INTERCEPT



CRIGLAS RD NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1300	1516+06.55	55.85' R	1002.26	158687.14	642486.73
1301	1516+04.35	54.67' R	1001.84	158684.95	642485.54
1302	1516+08.18	53.18' R	1001.78	158688.79	642484.08
1303	1516+12.61	48.20' R	1001.93	158693.26	642479.13
1304	1516+09.95	47.26' R	1001.98	158690.61	642478.17
1305	1516+14.61	48.20' R	1002.04	158695.26	642479.16
1306	1516+18.61	48.19' R	1002.20	158699.26	642479.18
1307	1516+18.57	44.19' R	1002.25	158699.26	642475.18
1308	1516+19.53	41.02' R	1001.77	158700.25	642472.02
1309	1516+23.36	46.64' R	1002.28	158704.03	642477.67
1310	1516+28.12	45.09' R	1002.20	158708.80	642476.16
1311	1516+30.44	41.33' R	1001.76	158711.16	642472.42
1312	1516+30.80	38.82' R	1001.54	158711.53	642469.92
1313	1516+30.45	44.32' R	1002.17	158711.14	642475.42
1316	1516+35.45	44.32' R	1001.97	158716.14	642475.46
1317	1516+37.23	38.82' R	1001.40	158717.97	642469.97
1319	1516+37.23	41.32' R	1001.32	158717.94	642472.47
1320	1516+40.45	44.32' R	1001.87	158721.14	642475.50
1321	1516+45.45	44.32' R	1001.74	158726.14	642475.55
1322	1516+45.45	49.32' R	1001.71	158726.10	642480.55
1323	1516+40.45	49.32' R	1001.94	158721.10	642480.50
1324	1516+35.45	49.32' R	1002.04	158716.09	642480.46
1325	1516+30.46	49.32' R	1002.12	158711.11	642480.42
1326	1516+29.48	49.65' R	1002.13	158710.12	642480.73
1327	1516+24.73	51.21' R	1002.22	158705.35	642482.25
1328	1516+19.97	52.77' R	1002.14	158700.59	642483.76
1329	1516+18.59	53.22' R	1002.13	158699.20	642484.21
1330	1516+14.59	53.17' R	1001.91	158695.20	642484.13
1331	1516+12.59	53.20' R	1001.80	158693.20	642484.13

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 60	E



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

MAIN ST SW

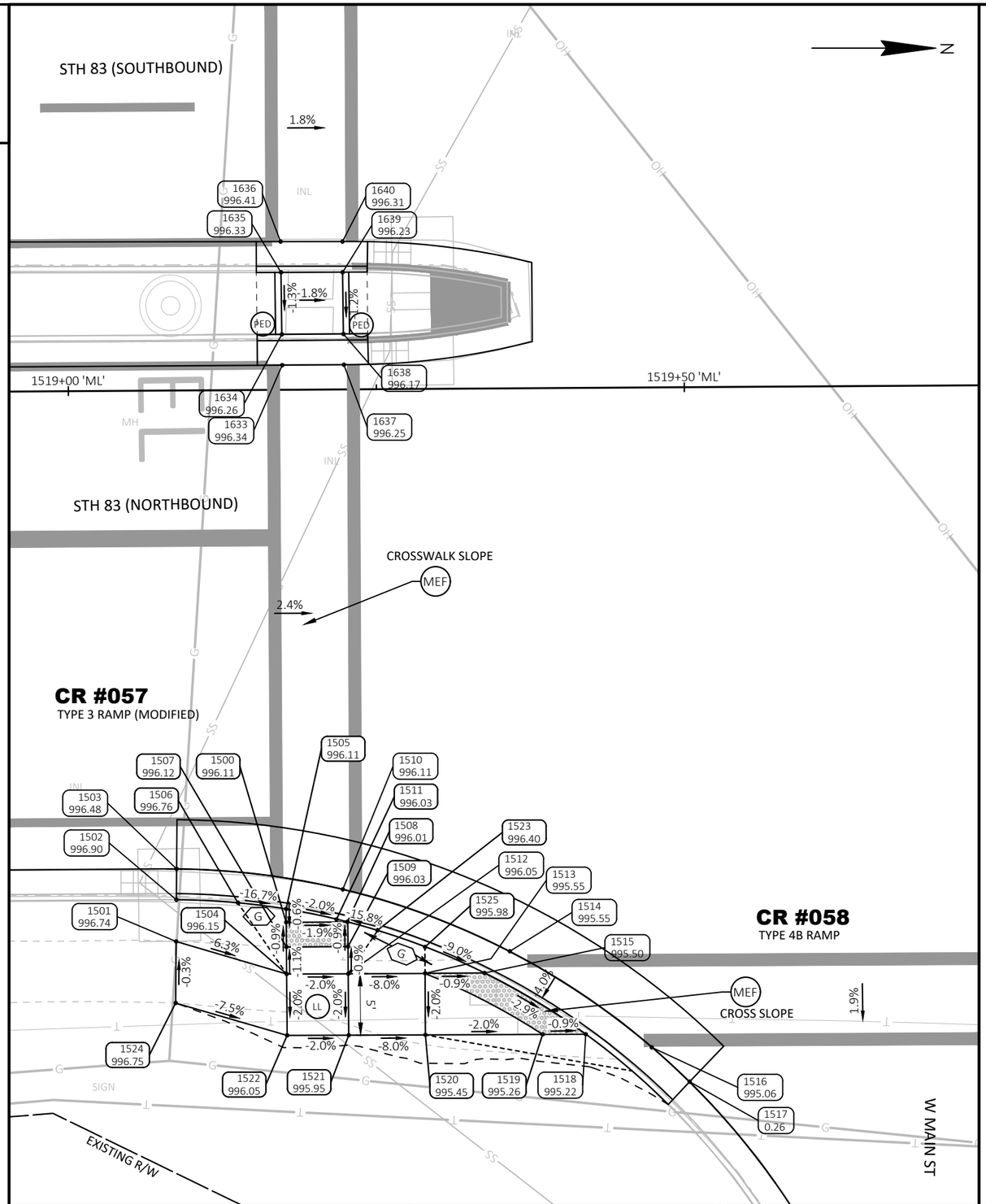
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1400	1519+46.66	55.87' L	995.88	159028.21	642377.98
1401	1519+51.65	56.14' L	995.72	159033.20	642377.75
1402	1519+56.65	56.19' L	995.64	159038.20	642377.75
1403	1519+60.65	56.22' L	995.44	159042.20	642377.75
1404	1519+63.67	60.51' L	995.37	159045.26	642373.48
1405	1519+61.57	59.15' L	995.79	159043.15	642374.83
1406	1519+62.86	56.24' L	995.30	159044.41	642377.75
1407	1519+65.92	54.18' L	995.39	159047.45	642379.83
1408	1519+65.69	47.41' L	995.42	159047.16	642386.61
1409	1519+62.74	46.24' L	995.35	159044.20	642387.75
1410	1519+60.74	46.22' L	995.48	159042.20	642387.75
1411	1519+61.52	41.19' L	995.57	159042.94	642392.79
1412	1519+60.06	43.22' L	995.99	159041.50	642390.75
1414	1519+56.74	46.19' L	995.74	159038.20	642387.75
1415	1519+51.74	46.15' L	995.82	159033.20	642387.75
1416	1519+46.74	46.10' L	995.97	159028.20	642387.75
1417	1519+62.65	56.24' L	995.31	159044.20	642377.75

MAIN ST-S MEDIAN

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1633	1519+17.37	2.00' L	996.34	158998.45	642431.59
1634	1519+17.35	4.50' L	996.26	158998.45	642429.09
1635	1519+17.32	9.53' L	996.33	158998.46	642424.06
1636	1519+17.31	12.03' L	996.41	158998.47	642421.56
1637	1519+22.38	2.00' L	996.25	159003.46	642431.64
1638	1519+22.35	4.50' L	996.17	159003.45	642429.14
1639	1519+22.32	9.50' L	996.23	159003.46	642424.13
1640	1519+22.33	12.00' L	996.31	159003.50	642421.63

MAIN ST SW - MID BLOCK

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1350	1519+12.42	55.62' L	996.60	158993.97	642377.93
1351	1519+17.42	55.71' L	996.41	158998.97	642377.88
1352	1519+22.42	55.73' L	996.38	159003.97	642377.91
1353	1519+27.43	55.74' L	996.49	159008.97	642377.94
1354	1519+12.43	45.89' L	996.56	158993.89	642387.66
1355	1519+17.42	45.70' L	996.26	158998.88	642387.90
1356	1519+27.43	45.86' L	996.34	159008.89	642387.82
1357	1519+22.43	45.70' L	996.23	159003.88	642387.94
1358	1519+12.41	41.45' L	996.79	158993.84	642392.10
1359	1519+17.41	41.47' L	996.18	158998.84	642392.12
1360	1519+22.41	41.46' L	996.15	159003.84	642392.18
1361	1519+27.41	41.46' L	996.59	159008.84	642392.22
1362	1519+32.43	55.78' L	996.39	159013.97	642377.95
1363	1519+37.43	55.81' L	996.25	159018.97	642377.96
1364	1519+42.43	55.84' L	996.01	159023.97	642377.97
1365	1519+32.43	45.93' L	996.24	159013.89	642387.80
1366	1519+37.43	46.03' L	996.15	159018.89	642387.74
1367	1519+42.43	46.05' L	996.05	159023.89	642387.76



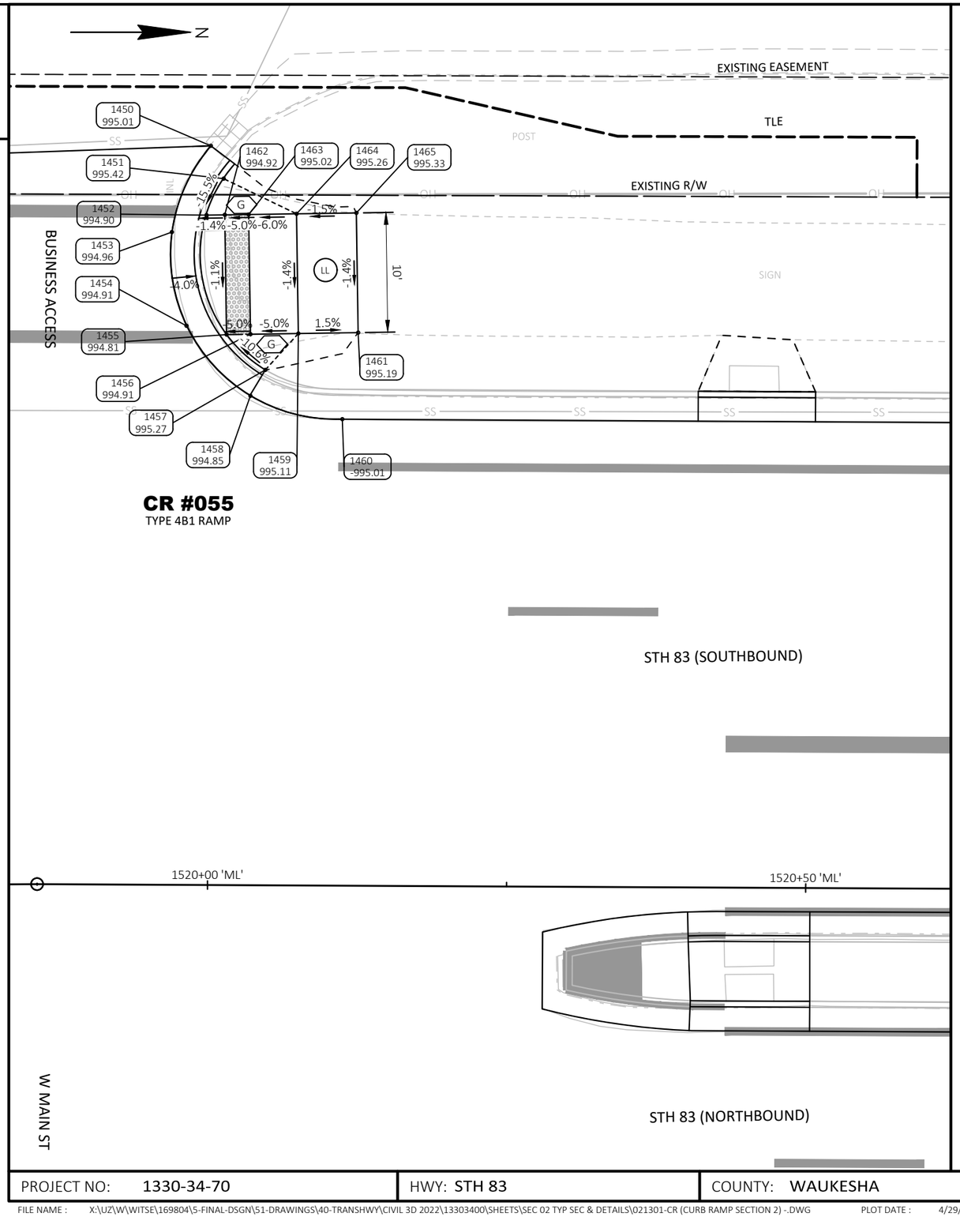
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHEAST	57.0 FT	13.02 FT	20.34 SF	9.62 FT

W MAIN ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1500	1519+17.41	43.22' R	996.11	158998.09	642476.81
1501	1519+08.46	44.71' R	996.74	158989.13	642478.22
1502	1519+08.50	41.34' R	996.90	158989.20	642474.85
1503	1519+08.54	38.83' R	996.48	158989.26	642472.34
1504	1519+17.41	47.41' R	996.15	158998.06	642481.00
1505	1519+17.41	42.13' R	996.11	158998.10	642475.72
1506	1519+13.50	41.62' R	996.76	158994.20	642475.17
1507	1519+17.41	45.22' R	996.12	158998.08	642478.81
1508	1519+22.37	43.20' R	996.01	159003.06	642476.84
1509	1519+22.41	45.22' R	996.03	159003.08	642478.85
1510	1519+22.02	40.58' R	996.11	159002.73	642474.21
1511	1519+21.48	43.01' R	996.03	159002.17	642476.64
1512	1519+22.41	47.43' R	996.05	159003.06	642481.06
1513	1519+28.66	47.43' R	995.55	159009.30	642481.11
1514	1519+35.54	45.69' R	995.55	159016.20	642479.44
1515	1519+33.48	47.44' R	995.50	159014.12	642481.17
1516	1519+47.01	53.55' R	995.06	159027.60	642487.40
1517	1519+50.07	56.37' R	0.26	159030.64	642490.24
1518	1519+41.66	52.46' R	995.22	159022.27	642486.26
1519	1519+38.16	52.45' R	995.26	159018.76	642486.22
1520	1519+28.64	52.43' R	995.45	159009.25	642486.11
1521	1519+22.42	52.41' R	995.95	159003.03	642486.04
1522	1519+17.42	52.40' R	996.05	158998.03	642485.99
1523	1519+24.81	43.91' R	996.40	159005.49	642477.56
1524	1519+08.39	49.70' R	996.75	158989.02	642483.22
1525	1519+28.66	45.30' R	995.98	159009.32	642478.99



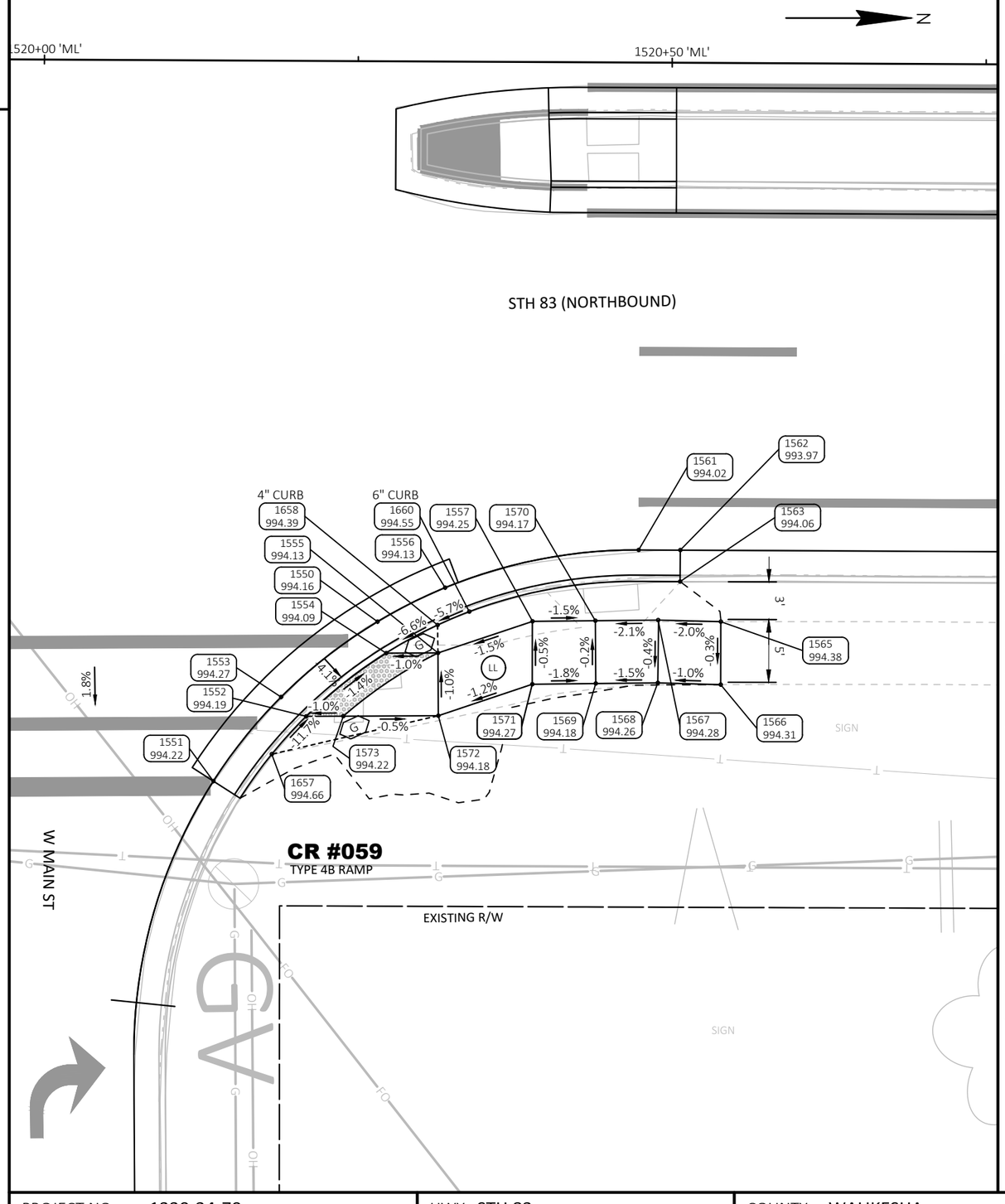
CR #055
TYPE 4B1 RAMP

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

MAIN ST NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1450	1519+99.97	61.76' L	995.01	159082.27	642372.73
1451	1520+01.05	59.02' L	995.42	159083.30	642375.49
1452	1519+99.64	55.97' L	994.90	159081.82	642378.51
1453	1519+96.75	54.53' L	994.96	159078.90	642379.89
1454	1519+98.01	46.71' L	994.91	159080.01	642387.73
1455	1520+01.36	45.99' L	994.81	159083.34	642388.52
1456	1520+03.36	46.04' L	994.91	159085.34	642388.52
1457	1520+04.62	43.06' L	995.27	159086.54	642391.52
1458	1520+03.38	40.89' L	994.85	159085.26	642393.66
1459	1520+07.36	46.12' L	995.11	159089.35	642388.52
1460	1520+11.07	38.98' L	-995.01	159092.91	642395.73
1461	1520+12.36	46.22' L	995.19	159094.34	642388.52
1462	1520+01.16	56.00' L	994.92	159083.35	642378.51
1463	1520+03.16	56.04' L	995.02	159085.35	642378.51
1464	1520+07.16	56.11' L	995.26	159089.35	642378.52
1465	1520+12.16	56.21' L	995.33	159094.35	642378.52



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

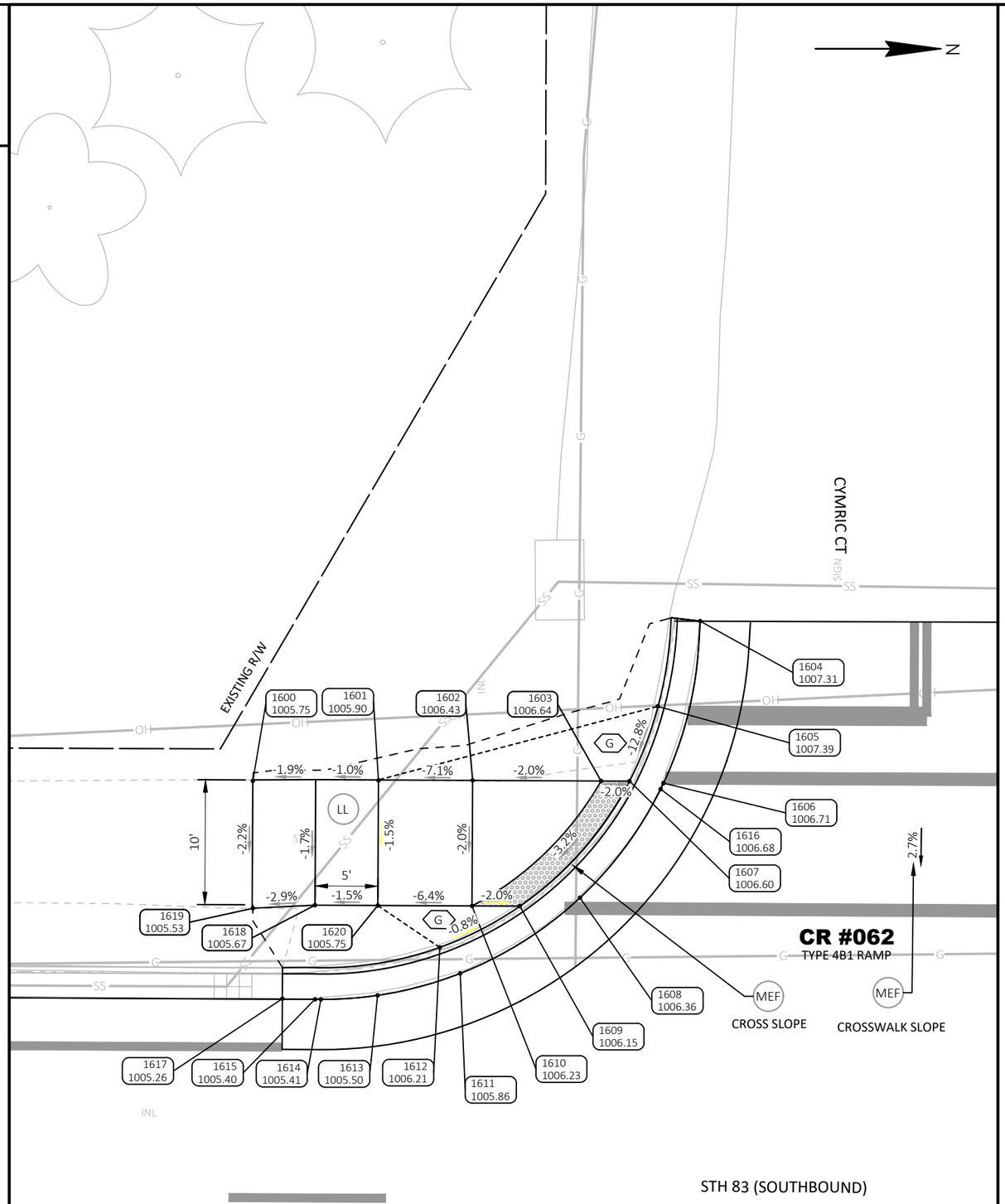
RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHEAST	37.5 FT	10.52 FT	17.15 SF	8.12 FT

W MAIN ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1550	1520+26.75	44.62' R	994.16	159106.90	642479.63
1551	1520+13.74	57.39' R	994.22	159093.63	642492.13
1552	1520+21.10	52.19' R	994.19	159101.10	642487.08
1553	1520+19.09	50.67' R	994.27	159099.13	642485.51
1554	1520+27.45	47.13' R	994.09	159107.55	642482.15
1555	1520+31.57	47.09' R	994.13	159111.68	642482.19
1556	1520+32.12	41.89' R	994.13	159112.32	642477.01
1557	1520+39.09	44.54' R	994.25	159119.24	642479.80
1561	1520+47.52	38.81' R	994.02	159127.78	642474.24
1562	1520+50.83	38.81' R	993.97	159131.10	642474.30
1563	1520+50.83	41.32' R	994.06	159131.05	642476.81
1565	1520+54.08	44.49' R	994.38	159134.23	642480.05
1566	1520+54.10	49.50' R	994.31	159134.15	642485.06
1567	1520+49.09	44.39' R	994.28	159129.24	642479.84
1568	1520+49.10	49.39' R	994.26	159129.15	642484.84
1569	1520+44.15	49.47' R	994.18	159124.20	642484.82
1570	1520+44.10	44.47' R	994.17	159124.25	642479.82
1571	1520+39.10	49.55' R	994.27	159119.15	642484.80
1572	1520+31.62	52.09' R	994.18	159111.62	642487.19
1573	1520+24.06	52.17' R	994.22	159104.06	642487.11
1657	1520+18.38	55.22' R	994.66	159098.32	642490.05
1658	1520+31.53	44.87' R	994.39	159111.68	642479.97
1660	1520+34.05	43.79' R	994.55	159114.22	642478.94

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 64	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 2) -.DWG PLOT DATE : 4/29/2025 11:01 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

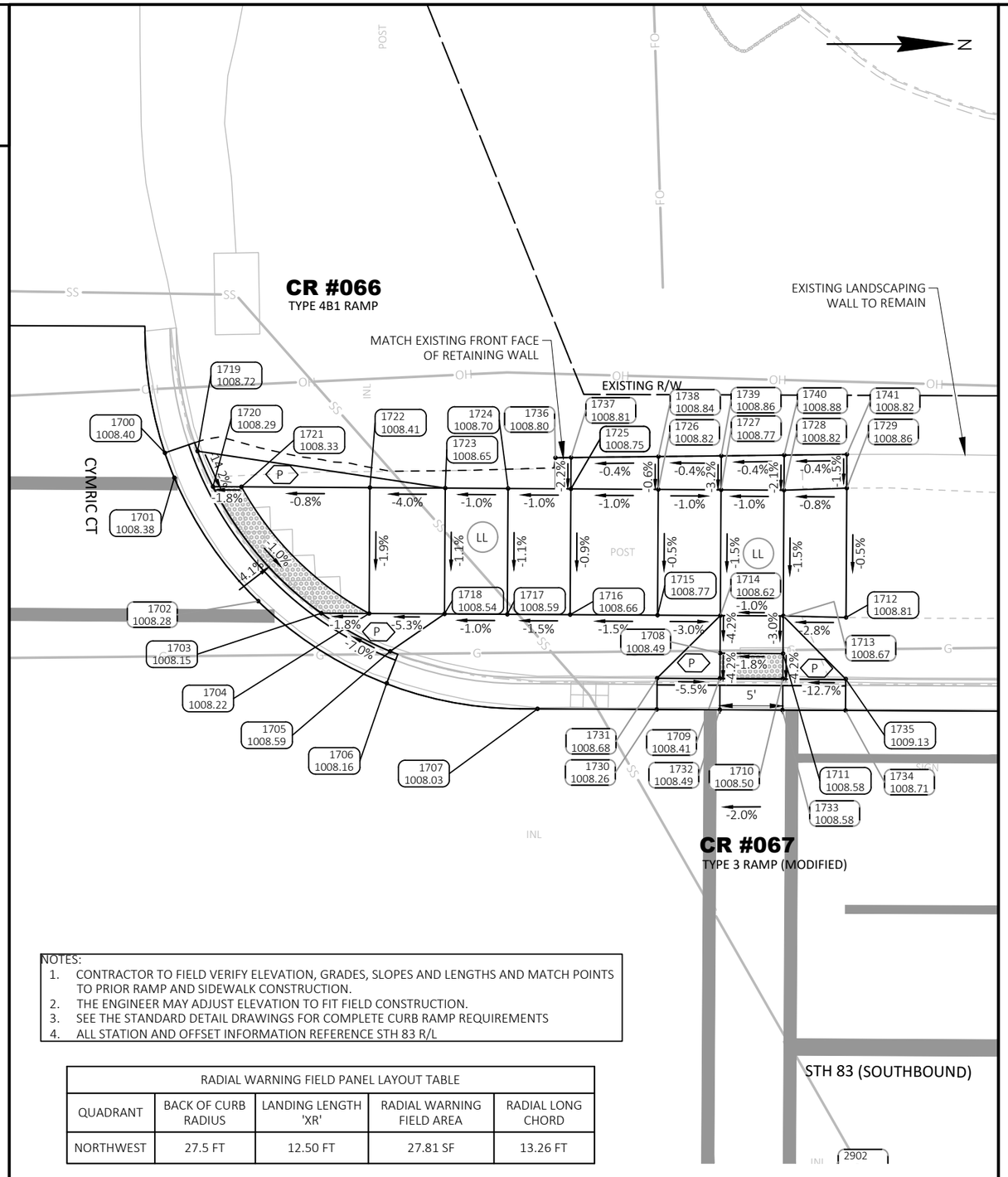
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHWEST	27.5 FT	12.50 FT	27.77 SF	13.24 FT

CYMRIC SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1600	1527+26.79	56.19' L	1005.75	159808.83	642392.94
1601	1527+36.79	56.28' L	1005.90	159818.83	642393.05
1602	1527+44.29	56.32' L	1006.43	159826.33	642393.16
1603	1527+54.52	56.32' L	1006.64	159836.56	642393.37
1604	1527+62.36	69.08' L	1007.31	159844.65	642380.76
1605	1527+59.01	62.28' L	1007.39	159841.16	642387.50
1606	1527+59.50	56.17' L	1006.71	159841.53	642393.62
1607	1527+56.79	56.32' L	1006.60	159838.83	642393.41
1608	1527+52.89	47.01' L	1006.36	159834.74	642402.64
1609	1527+48.10	46.32' L	1006.15	159829.94	642403.24
1610	1527+44.29	46.32' L	1006.23	159826.13	642403.16
1611	1527+43.38	40.94' L	1005.86	159825.11	642408.52
1612	1527+41.75	43.00' L	1006.21	159823.52	642406.43
1613	1527+36.81	39.16' L	1005.50	159818.51	642410.17
1614	1527+32.29	38.82' L	1005.41	159813.98	642410.42
1615	1527+31.83	38.82' L	1005.40	159813.52	642410.41
1616	1527+59.27	55.69' L	1006.68	159841.29	642394.09
1617	1527+29.23	38.85' L	1005.26	159810.92	642410.32
1618	1527+31.79	46.32' L	1005.67	159813.63	642402.91
1619	1527+26.84	46.04' L	1005.53	159808.68	642403.08
1620	1527+36.79	46.32' L	1005.75	159818.63	642403.01

2



LEGEND

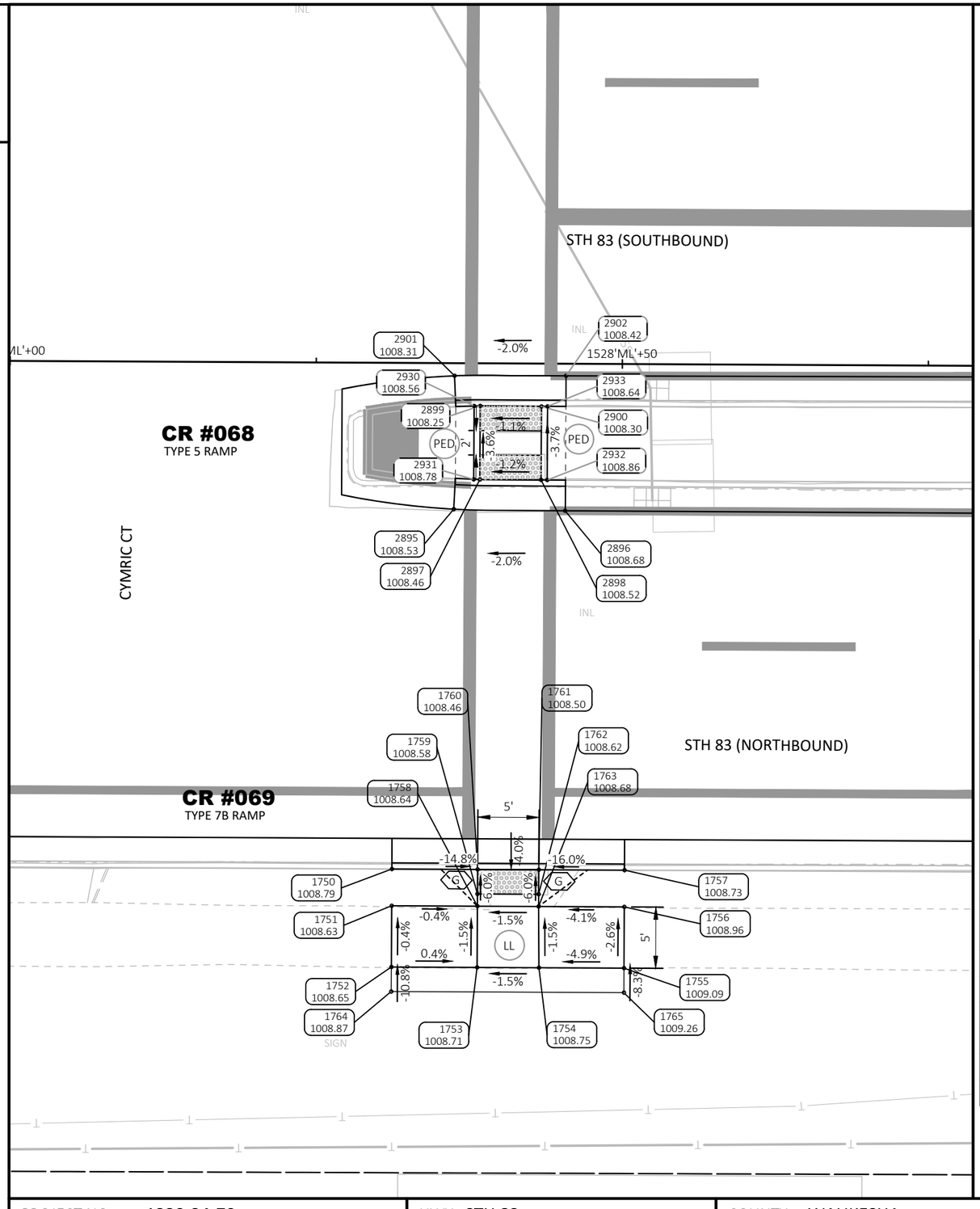
X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHWEST	27.5 FT	12.50 FT	27.81 SF	13.26 FT

CYMRIC NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1700	1527+94.17	59.04' L	1008.40	159876.26	642391.44
1701	1527+94.93	57.08' L	1008.38	159876.98	642393.43
1702	1528+01.66	47.28' L	1008.28	159883.50	642403.36
1703	1528+06.69	46.34' L	1008.15	159888.51	642404.39
1704	1528+10.49	46.34' L	1008.22	159892.32	642404.47
1705	1528+12.18	43.34' L	1008.59	159893.95	642407.50
1706	1528+11.92	40.80' L	1008.16	159893.63	642410.04
1707	1528+23.93	38.82' L	1008.03	159905.60	642412.26
1708	1528+38.44	43.32' L	1008.49	159920.20	642408.05
1709	1528+38.44	41.32' L	1008.41	159920.16	642410.06
1710	1528+43.45	41.32' L	1008.50	159925.17	642410.16
1711	1528+43.45	43.32' L	1008.58	159925.21	642408.16
1712	1528+48.46	46.22' L	1008.81	159930.27	642405.36
1713	1528+43.46	46.32' L	1008.67	159925.27	642405.16
1714	1528+38.45	46.32' L	1008.62	159920.27	642405.06
1715	1528+33.45	46.32' L	1008.77	159915.27	642404.95
1716	1528+26.49	46.33' L	1008.66	159908.31	642404.80
1717	1528+21.49	46.33' L	1008.59	159903.31	642404.70
1718	1528+16.49	46.34' L	1008.54	159898.31	642404.60
1719	1527+96.77	59.20' L	1008.72	159878.86	642391.34
1720	1527+98.01	56.38' L	1008.29	159880.04	642394.18
1721	1528+00.28	56.38' L	1008.33	159882.31	642394.23
1722	1528+10.50	56.36' L	1008.41	159892.53	642394.45
1723	1528+16.50	56.35' L	1008.65	159898.53	642394.58
1724	1528+21.50	56.35' L	1008.70	159903.53	642394.69
1725	1528+26.50	56.34' L	1008.75	159908.53	642394.80
1726	1528+33.46	56.33' L	1008.82	159915.48	642394.94
1727	1528+38.46	56.33' L	1008.77	159920.48	642395.05
1728	1528+43.46	56.32' L	1008.82	159925.48	642395.16
1729	1528+48.46	56.51' L	1008.86	159930.49	642395.06
1730	1528+33.42	38.82' L	1008.26	159915.09	642412.46
1731	1528+33.44	41.29' L	1008.68	159915.16	642409.98
1732	1528+38.44	38.82' L	1008.49	159920.11	642412.56
1733	1528+43.43	38.82' L	1008.58	159925.09	642412.66
1734	1528+48.45	38.82' L	1008.71	159930.12	642412.76
1735	1528+48.45	41.32' L	1009.13	159930.17	642410.26
1736	1528+25.26	58.82' L	1008.80	159907.33	642392.30
1737	1528+26.51	58.84' L	1008.81	159908.58	642392.30
1738	1528+33.46	58.95' L	1008.84	159915.53	642392.33
1739	1528+38.46	59.03' L	1008.86	159920.53	642392.34
1740	1528+43.47	59.12' L	1008.88	159925.54	642392.36
1741	1528+48.46	59.20' L	1008.82	159930.54	642392.38

2



N

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

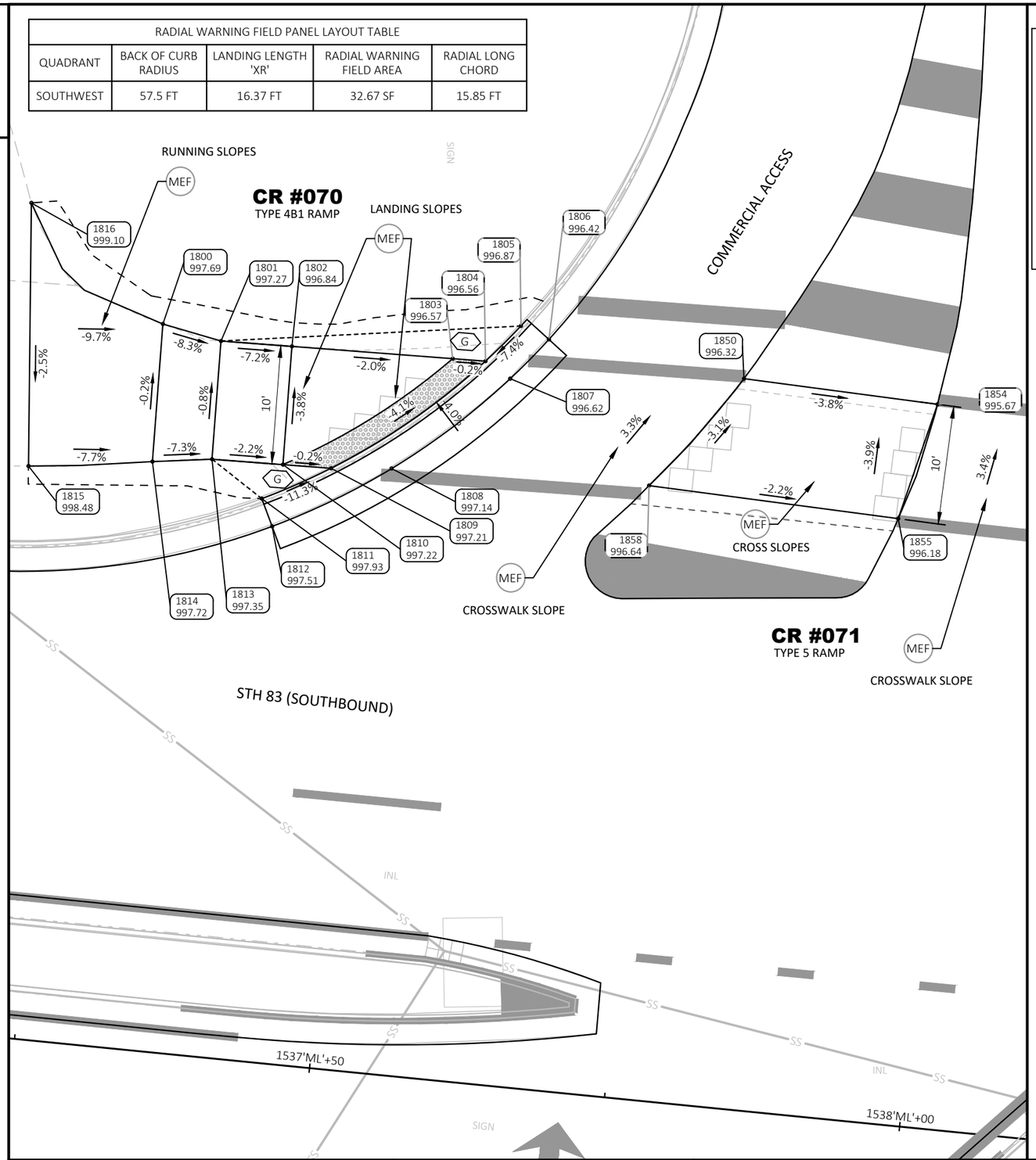
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

CYMRIC NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1750	1528+31.38	41.32' R	1008.79	159911.43	642492.54
1751	1528+31.38	44.32' R	1008.63	159911.37	642495.54
1752	1528+31.38	49.32' R	1008.65	159911.27	642500.54
1753	1528+38.38	49.32' R	1008.71	159918.27	642500.68
1754	1528+43.43	49.32' R	1008.75	159923.32	642500.78
1755	1528+50.38	49.33' R	1009.09	159930.27	642500.92
1756	1528+50.38	44.33' R	1008.96	159930.37	642495.92
1757	1528+50.38	41.32' R	1008.73	159930.43	642492.92
1758	1528+38.38	44.32' R	1008.64	159918.37	642495.68
1759	1528+38.38	43.32' R	1008.58	159918.39	642494.68
1760	1528+38.38	41.32' R	1008.46	159918.43	642492.68
1761	1528+43.38	41.32' R	1008.50	159923.43	642492.78
1762	1528+43.38	43.32' R	1008.62	159923.39	642494.78
1763	1528+43.38	44.32' R	1008.68	159923.37	642495.78
1764	1528+31.38	51.32' R	1008.87	159911.23	642502.54
1765	1528+50.38	51.33' R	1009.26	159930.23	642502.92

CYMRIC N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2895	1528+36.28	11.92' R	1008.53	159916.93	642463.24
2896	1528+45.38	12.01' R	1008.68	159926.02	642463.51
2897	1528+38.41	9.49' R	1008.46	159919.10	642460.86
2898	1528+43.41	9.50' R	1008.52	159924.10	642460.96
2899	1528+38.41	3.48' R	1008.25	159919.23	642454.84
2900	1528+43.41	3.50' R	1008.30	159924.23	642454.97
2901	1528+36.30	1.03' R	1008.31	159917.17	642452.35
2902	1528+45.41	0.99' R	1008.42	159926.27	642452.50
2930	1528+37.91	3.49' R	1008.56	159918.73	642454.85
2931	1528+37.91	9.48' R	1008.78	159918.60	642460.84
2932	1528+43.91	9.50' R	1008.86	159924.60	642460.98
2933	1528+43.91	3.49' R	1008.64	159924.73	642454.97

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHWEST	57.5 FT	16.37 FT	32.67 SF	15.85 FT



LEGEND

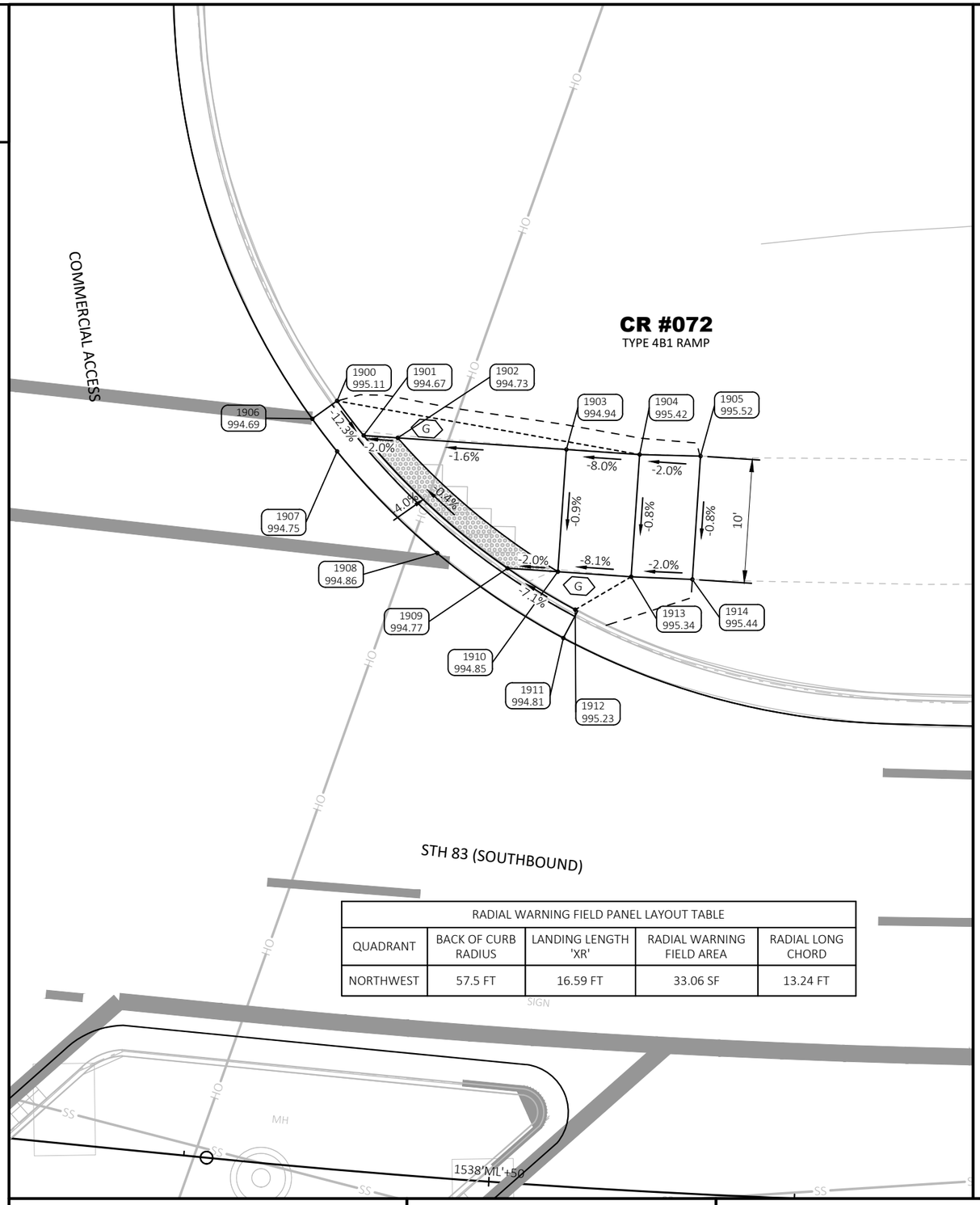
X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

N

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

KT ACCESS S					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1800	1537+31.50	61.24' L	997.69	160817.84	642431.42
1801	1537+36.52	60.29' L	997.27	160822.72	642432.93
1802	1537+42.52	60.43' L	996.84	160828.69	642433.47
1803	1537+56.11	60.74' L	996.57	160842.23	642434.71
1804	1537+58.89	60.81' L	996.56	160845.00	642434.96
1805	1537+61.57	64.05' L	996.87	160848.03	642432.04
1806	1537+64.02	63.16' L	996.42	160850.37	642433.21
1807	1537+61.10	59.54' L	996.62	160847.05	642436.47
1808	1537+51.89	51.01' L	997.14	160836.94	642443.90
1809	1537+46.82	50.53' L	997.21	160831.84	642443.80
1810	1537+42.75	50.44' L	997.22	160827.78	642443.43
1811	1537+41.25	47.40' L	997.93	160825.95	642446.27
1812	1537+42.35	45.16' L	997.51	160826.79	642448.63
1813	1537+36.75	50.30' L	997.35	160821.81	642442.88
1814	1537+31.76	49.60' L	997.72	160816.78	642443.01
1815	1537+21.40	48.20' L	998.48	160806.32	642443.23
1816	1537+19.46	70.31' L	999.10	160806.90	642421.04

KT ACCESS-MED					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1850	1537+80.72	61.49' L	996.32	160866.76	642436.76
1854	1537+97.18	60.95' L	995.67	160883.06	642439.18
1855	1537+94.83	51.02' L	996.18	160879.59	642448.77
1858	1537+73.64	51.72' L	996.64	160858.62	642445.67



RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHWEST	57.5 FT	16.59 FT	33.06 SF	13.24 FT

N

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

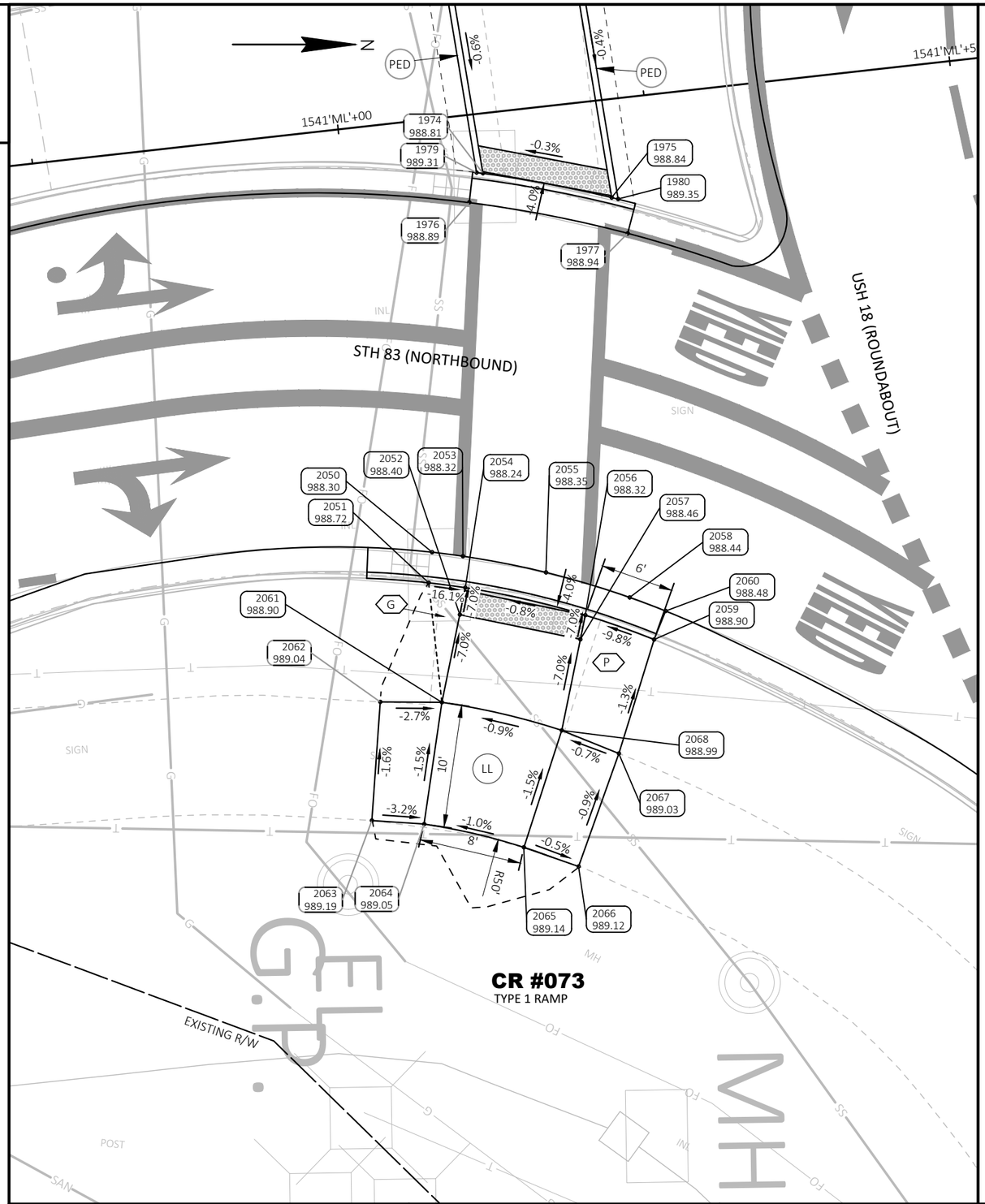
X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

KT ACCESS N					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1900	1538+31.75	62.53' L	995.11	160917.21	642441.48
1901	1538+34.37	59.91' L	994.67	160919.34	642444.34
1902	1538+37.38	59.96' L	994.73	160922.12	642444.58
1903	1538+52.29	60.07' L	994.94	160935.88	642445.73
1904	1538+58.77	60.04' L	995.42	160941.86	642446.24
1905	1538+64.14	60.19' L	995.52	160946.83	642446.44
1906	1538+29.72	60.88' L	994.69	160915.17	642442.91
1907	1538+32.17	58.42' L	994.75	160917.16	642445.61
1908	1538+41.67	50.86' L	994.86	160925.20	642454.03
1909	1538+47.87	50.06' L	994.77	160930.92	642455.36
1910	1538+52.27	50.07' L	994.85	160935.04	642455.70
1911	1538+53.13	44.69' L	994.81	160935.40	642461.12
1912	1538+53.99	47.07' L	995.23	160936.41	642458.82
1913	1538+58.67	50.04' L	995.34	160941.02	642456.20
1914	1538+63.99	50.10' L	995.44	160946.01	642456.49

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 69 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 3).DWG
WALES RD N
PLOT DATE : 4/29/2025 11:02 AM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42

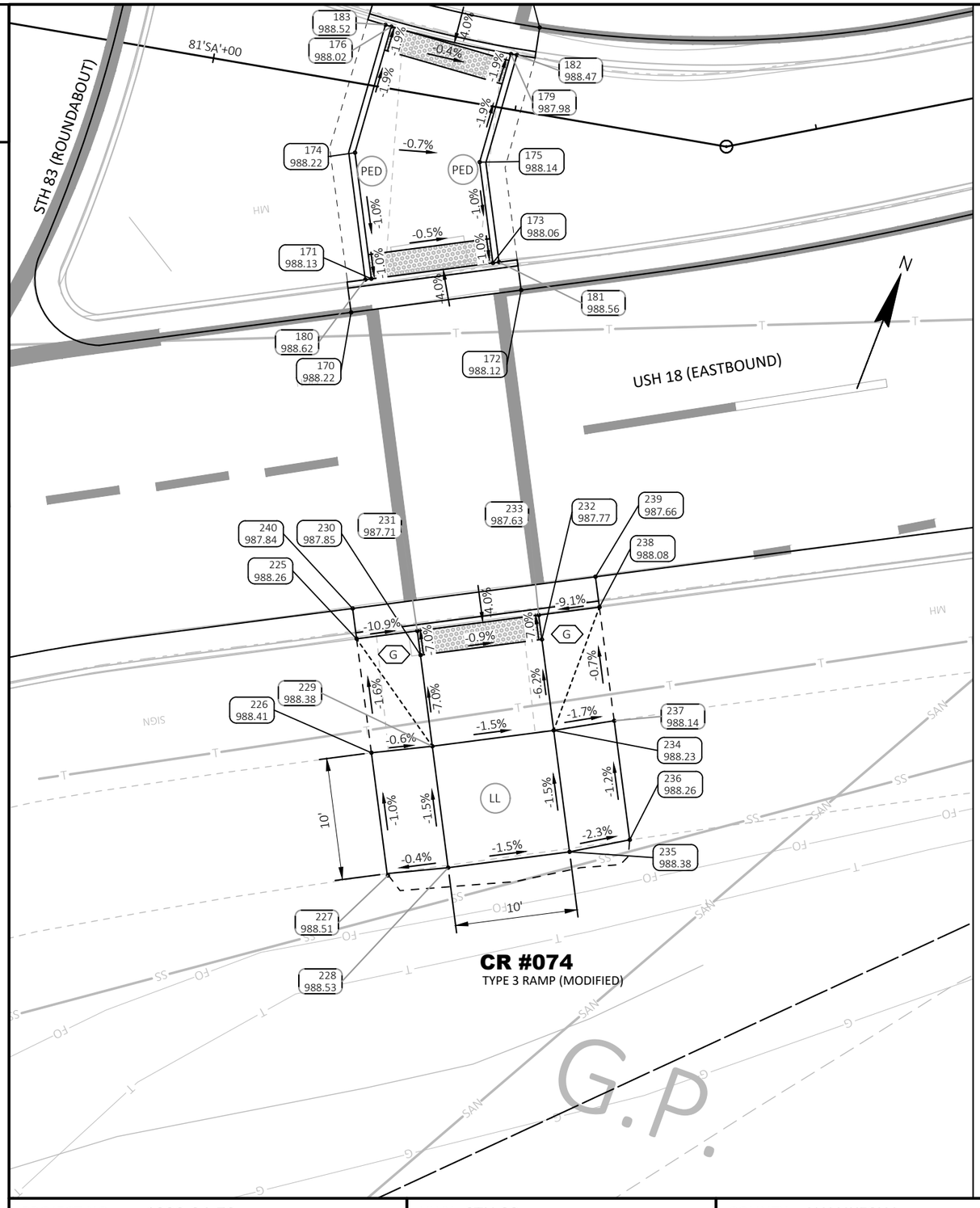


NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

83-18 SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2050	1541+03.77	35.00' R	988.30	161185.07	642529.25
2051	1541+03.22	37.43' R	988.72	161184.76	642531.73
2052	1541+05.45	40.29' R	988.40	161187.25	642534.36
2053	1541+06.23	35.60' R	988.32	161187.58	642529.62
2054	1541+06.14	38.16' R	988.24	161187.73	642532.17
2055	1541+12.78	37.65' R	988.35	161194.30	642531.04
2056	1541+15.58	41.46' R	988.32	161197.45	642534.56
2057	1541+14.96	43.37' R	988.46	161197.01	642536.52
2058	1541+19.32	40.44' R	988.44	161201.07	642533.18
2059	1541+20.91	44.06' R	988.90	161203.00	642536.63
2060	1541+22.10	41.85' R	988.48	161203.98	642534.32
2061	1541+03.21	47.21' R	988.90	161185.69	642541.46
2062	1540+98.23	46.62' R	989.04	161180.68	642541.35
2063	1540+96.49	56.13' R	989.19	161179.85	642550.99
2064	1541+00.67	56.88' R	989.05	161184.09	642551.34
2065	1541+08.51	59.66' R	989.14	161192.16	642553.35
2066	1541+12.77	61.70' R	989.12	161196.59	642554.97
2067	1541+17.04	52.94' R	989.03	161200.00	642545.84
2068	1541+12.63	50.56' R	988.99	161195.39	642543.90



NOTES:
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2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

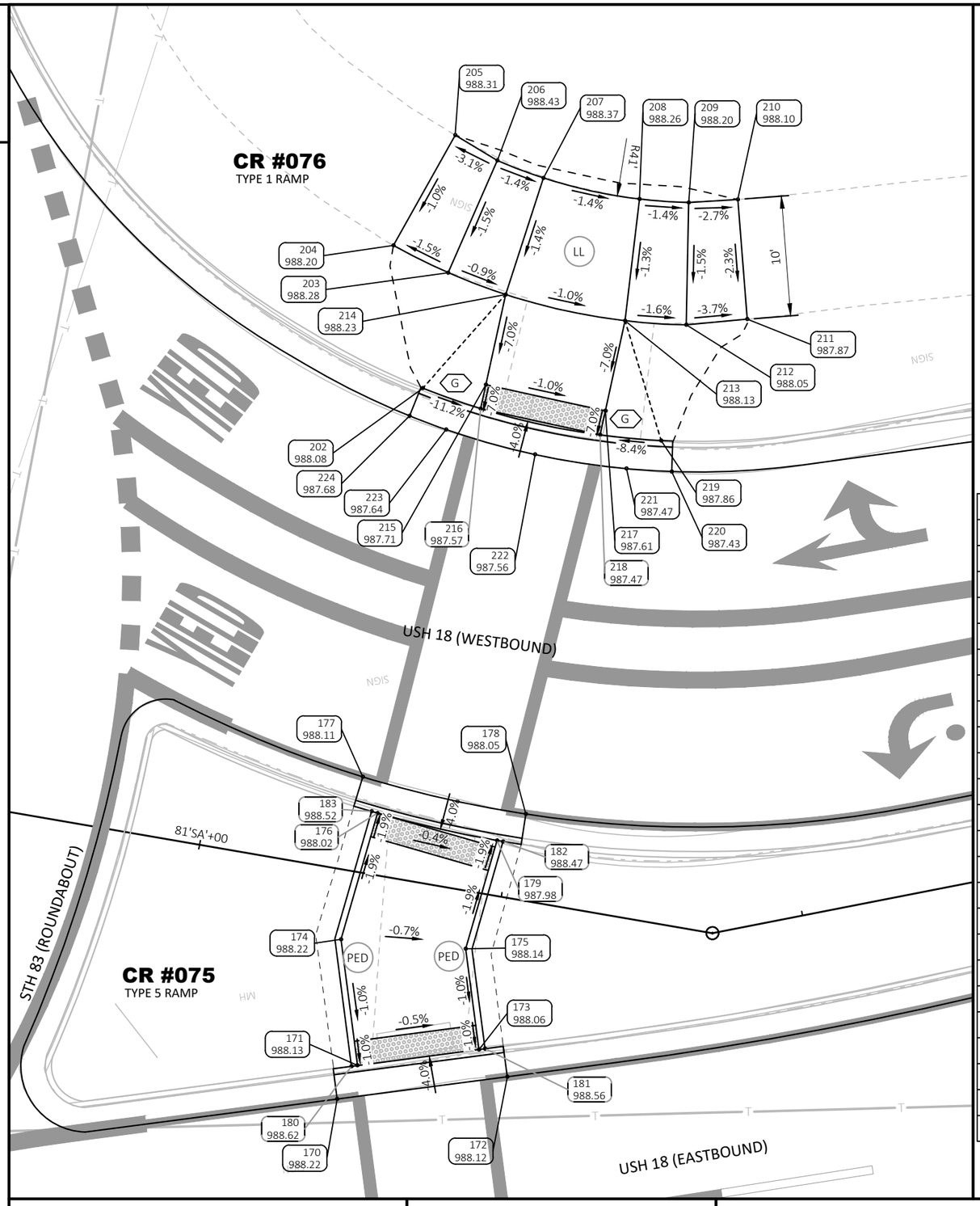
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

83-18 E					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
225	1541+74.61	114.20' R	988.26	161263.19	642601.29
226	1541+65.90	117.69' R	988.41	161254.85	642605.60
227	1541+56.52	121.48' R	988.51	161245.88	642610.28
228	1541+58.37	126.09' R	988.53	161248.16	642614.69
229	1541+67.65	122.37' R	988.38	161257.04	642610.10
230	1541+74.62	119.60' R	987.85	161263.71	642606.67
231	1541+76.47	118.84' R	987.71	161265.48	642605.74
232	1541+78.33	128.87' R	987.77	161268.30	642615.54
233	1541+80.19	128.13' R	987.63	161270.07	642614.62
234	1541+71.37	131.66' R	988.23	161261.63	642618.98
235	1541+62.08	135.37' R	988.38	161252.75	642623.57
236	1541+64.25	139.89' R	988.26	161255.34	642627.86
237	1541+73.35	136.24' R	988.14	161264.05	642623.36
238	1541+82.04	132.77' R	988.08	161272.37	642619.06
239	1541+84.36	131.84' R	987.66	161274.59	642617.92
240	1541+76.93	113.27' R	987.84	161265.41	642600.15

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 71 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 3).DWG
STH 83 & 18 ESE
PLOT DATE : 4/29/2025 11:02 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1.0 IN = 10.0 FT



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

N

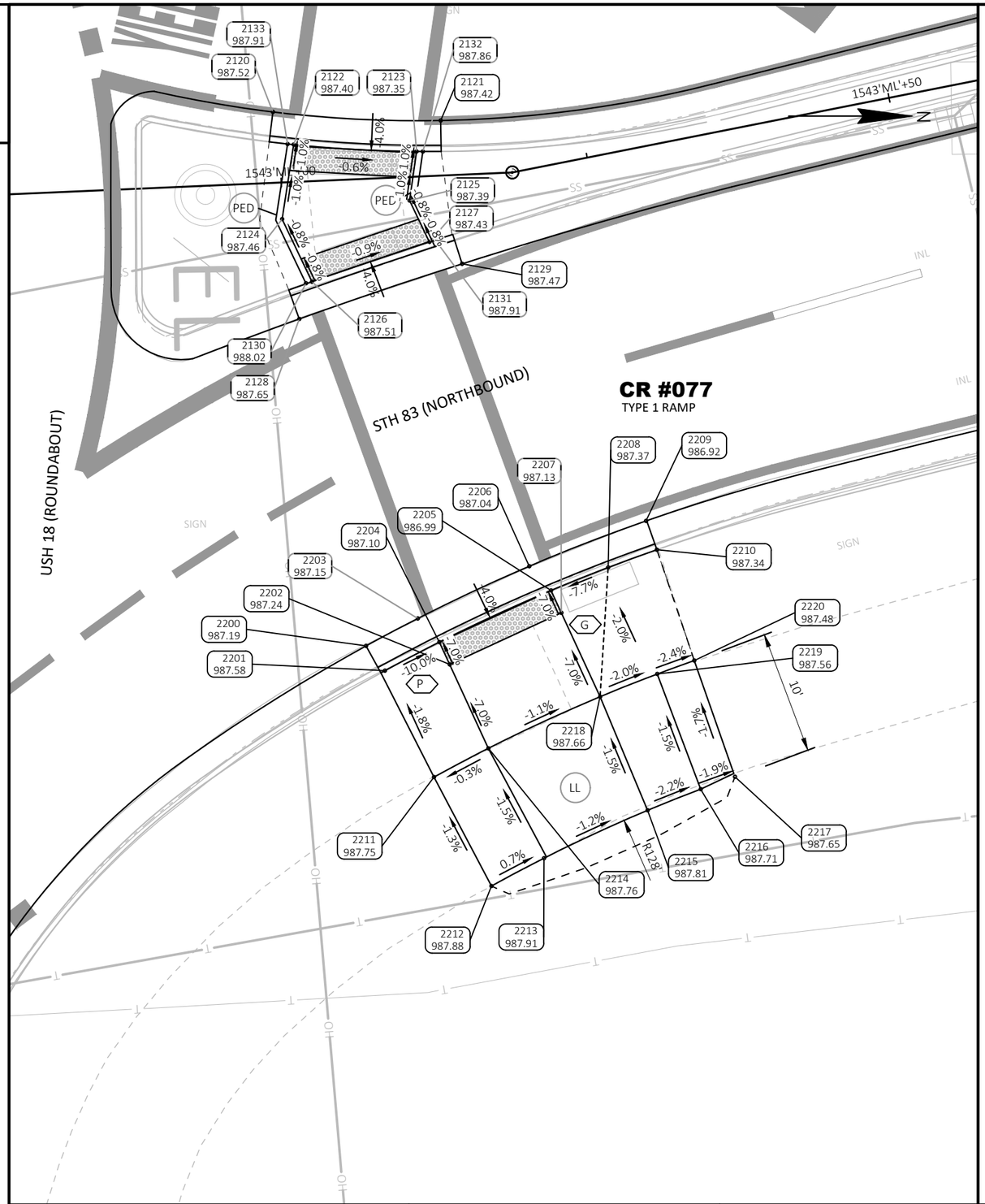
83-18 NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
202	1542+64.91	96.02' R	988.08	161345.04	642578.64
203	1542+74.51	95.03' R	988.28	161354.61	642577.39
204	1542+75.22	90.09' R	988.20	161355.18	642572.43
205	1542+85.35	92.05' R	988.31	161365.36	642574.11
206	1542+84.47	95.96' R	988.43	161364.59	642578.04
207	1542+84.29	99.99' R	988.37	161364.53	642582.07
208	1542+85.12	107.98' R	988.26	161365.58	642590.03
209	1542+86.12	111.88' R	988.20	161366.68	642593.90
210	1542+87.60	115.61' R	988.10	161368.27	642597.59
211	1542+78.57	119.40' R	987.87	161359.35	642601.64
212	1542+76.56	114.83' R	988.05	161357.22	642597.12
213	1542+75.32	109.98' R	988.13	161355.84	642592.31
214	1542+74.29	100.05' R	988.23	161354.53	642582.41
215	1542+66.80	100.82' R	987.71	161347.07	642583.39
216	1542+64.81	101.03' R	987.57	161345.08	642583.65
217	1542+67.83	110.76' R	987.61	161348.37	642593.29
218	1542+65.84	110.96' R	987.47	161346.38	642593.56
219	1542+66.96	115.84' R	987.86	161347.65	642598.40
220	1542+64.82	117.46' R	987.43	161345.56	642600.08
221	1542+63.90	113.87' R	987.47	161344.53	642596.52
222	1542+62.65	106.42' R	987.56	161343.07	642589.11
223	1542+62.30	98.88' R	987.64	161342.51	642581.58
224	1542+62.43	95.70' R	987.68	161342.55	642578.40

83-18 E MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
170	1542+00.32	107.15' R	988.22	161288.10	642591.81
171	1542+03.39	108.06' R	988.13	161291.24	642592.42
172	1542+05.53	120.15' R	988.12	161294.54	642604.25
173	1542+15.09	117.31' R	988.06	161295.84	642601.33
174	1542+20.11	103.79' R	988.22	161300.47	642587.67
175	1542+22.57	113.70' R	988.14	161303.21	642597.51
176	1542+30.82	103.38' R	988.02	161311.17	642586.96
177	1542+33.25	101.32' R	988.11	161313.54	642584.84
178	1542+34.54	114.91' R	988.05	161315.21	642598.38
179	1542+31.75	113.36' R	987.98	161312.38	642596.91
180	1542+03.20	107.61' R	988.62	161291.01	642591.99
181	1542+15.31	117.76' R	988.56	161296.07	642601.77
182	1542+31.84	113.85' R	988.47	161312.48	642597.39
183	1542+30.80	102.88' R	988.52	161311.13	642586.46

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 72	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 3).DWG
STH 83 & 18 ENE_MED
PLOT DATE : 4/29/2025 11:16 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42



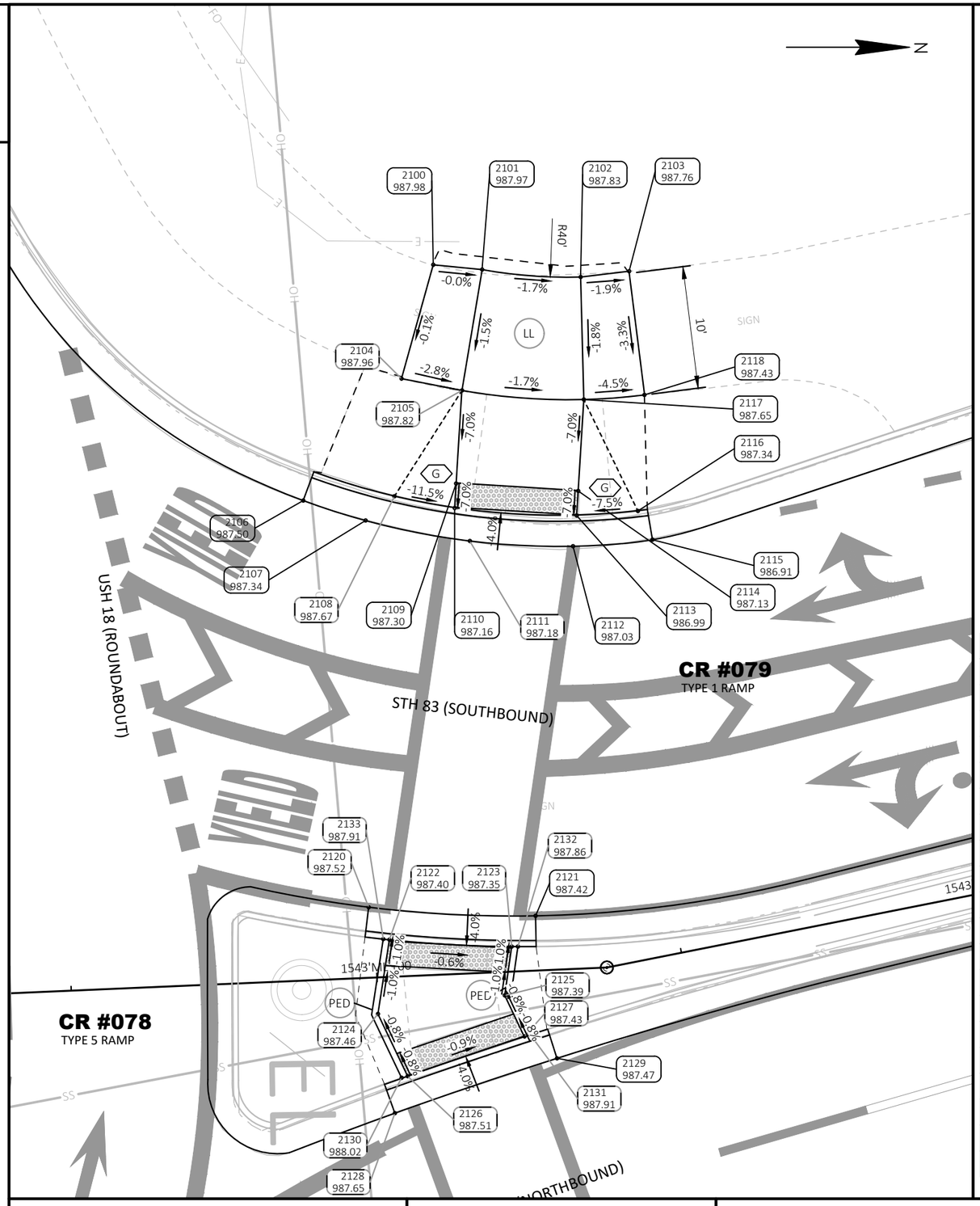
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

83-18 N					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2200	1543+05.26	37.90' R	987.19	161383.74	642519.41
2201	1543+06.69	39.98' R	987.58	161385.23	642521.45
2202	1543+11.98	39.70' R	987.24	161390.51	642521.02
2203	1543+09.56	35.86' R	987.15	161387.98	642517.25
2204	1543+11.22	37.84' R	987.10	161389.70	642519.19
2205	1543+18.79	34.09' R	986.99	161398.84	642515.14
2206	1543+18.79	32.01' R	987.04	161397.10	642513.15
2207	1543+18.79	35.98' R	987.13	161399.65	642516.97
2208	1543+20.20	32.98' R	987.37	161403.50	642513.35
2209	1543+23.96	29.87' R	986.92	161406.64	642509.61
2210	1543+24.36	32.33' R	987.34	161407.48	642511.96
2211	1543+10.31	48.79' R	987.75	161389.09	642530.16
2212	1543+14.59	57.82' R	987.88	161393.63	642539.07
2213	1543+18.79	55.75' R	987.91	161397.93	642536.88
2214	1543+14.83	46.64' R	987.76	161393.55	642527.88
2215	1543+19.51	52.95' R	987.81	161406.41	642533.11
2216	1543+24.08	52.11' R	987.71	161410.75	642531.46
2217	1543+27.01	51.66' R	987.65	161413.55	642530.49
2218	1543+18.79	43.17' R	987.66	161402.69	642523.83
2219	1543+22.44	42.24' R	987.56	161407.36	642522.05
2220	1543+25.60	41.75' R	987.48	161410.39	642521.01

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 73 E



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

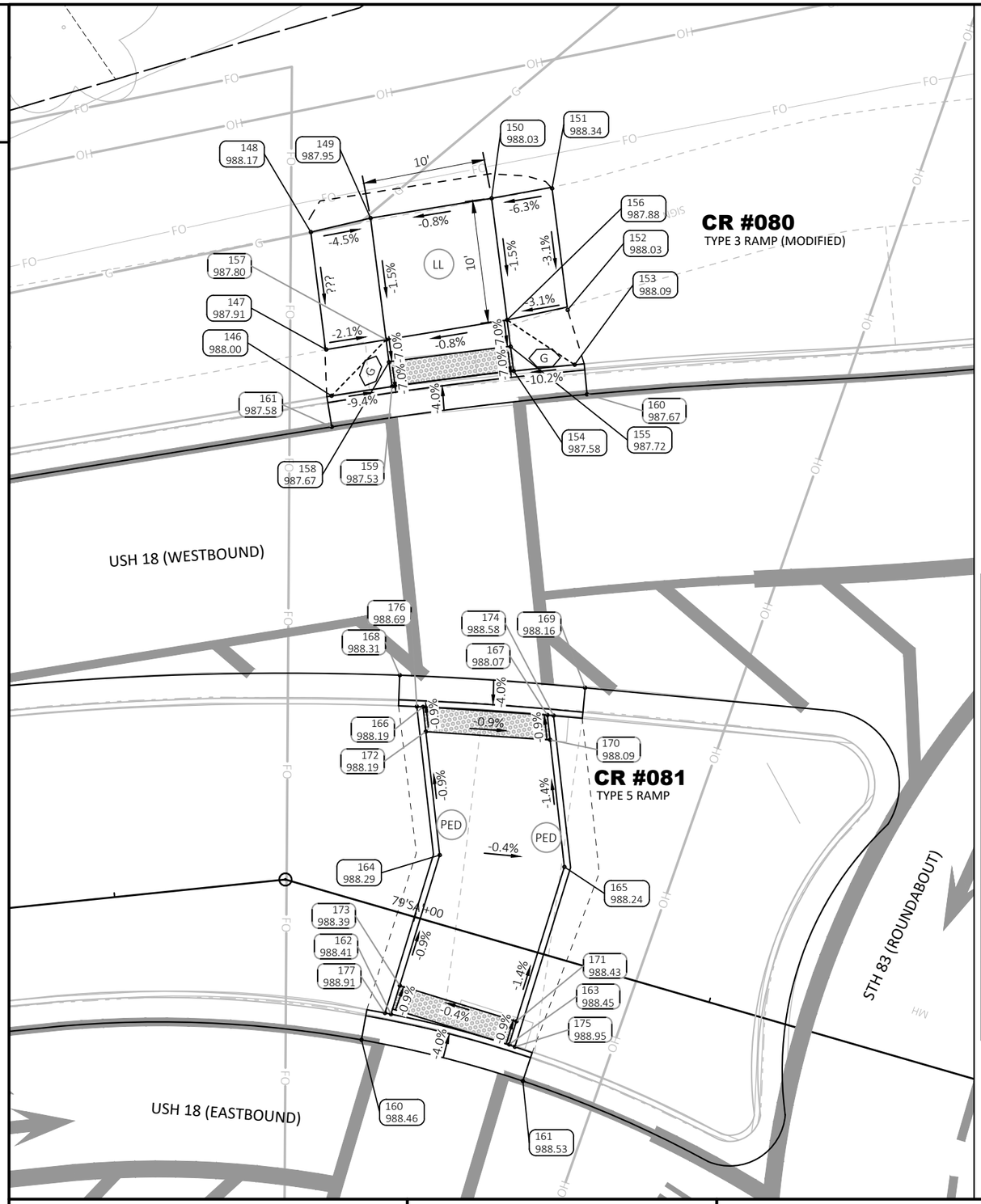
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

2

83-18 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2100	1543+07.10	57.92' L	987.98	161382.89	642423.58
2101	1543+11.07	57.35' L	987.97	161386.87	642424.04
2102	1543+27.63	55.70' L	987.83	161394.91	642424.76
2103	1543+31.61	55.40' L	987.76	161398.88	642424.35
2104	1543+04.11	48.75' L	987.96	161380.16	642432.83
2105	1543+09.00	47.57' L	987.82	161385.08	642433.87
2106	1542+95.66	39.15' L	987.50	161371.98	642442.67
2107	1543+00.68	37.31' L	987.34	161377.05	642444.37
2108	1543+03.12	39.17' L	987.67	161379.43	642442.43
2109	1543+08.20	40.00' L	987.30	161384.49	642441.46
2110	1543+07.99	38.01' L	987.16	161384.33	642443.46
2111	1543+09.11	35.26' L	987.18	161385.54	642446.17
2112	1543+22.75	34.27' L	987.03	161393.95	642446.72
2113	1543+23.54	36.67' L	986.99	161394.30	642444.23
2114	1543+24.05	38.61' L	987.13	161394.45	642442.22
2115	1543+29.22	33.53' L	986.91	161400.45	642446.29
2116	1543+28.51	36.06' L	987.34	161399.30	642443.93
2117	1543+25.94	45.85' L	987.65	161395.02	642434.76
2118	1543+30.87	45.25' L	987.43	161399.97	642434.47

83-18 N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2120	1542+99.57	5.75' L	987.52	161376.82	642475.94
2121	1543+13.16	4.46' L	987.42	161390.44	642476.85
2122	1543+01.14	3.03' L	987.40	161378.47	642478.61
2123	1543+11.10	2.04' L	987.35	161388.45	642479.33
2124	1542+99.94	2.98' R	987.46	161377.44	642484.66
2125	1543+10.36	1.92' R	987.39	161387.82	642483.30
2126	1543+02.15	8.16' R	987.51	161379.79	642489.78
2127	1543+11.83	5.33' R	987.43	161389.39	642486.68
2128	1543+00.98	11.14' R	987.65	161378.71	642492.78
2129	1543+14.39	7.23' R	987.47	161392.01	642488.50
2130	1543+01.65	8.27' R	988.02	161379.30	642489.89
2131	1543+12.30	5.21' R	987.91	161389.86	642486.54
2132	1543+11.60	2.02' L	987.86	161388.96	642479.34
2133	1543+00.64	3.10' L	987.91	161377.97	642478.56



NOTES:
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3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

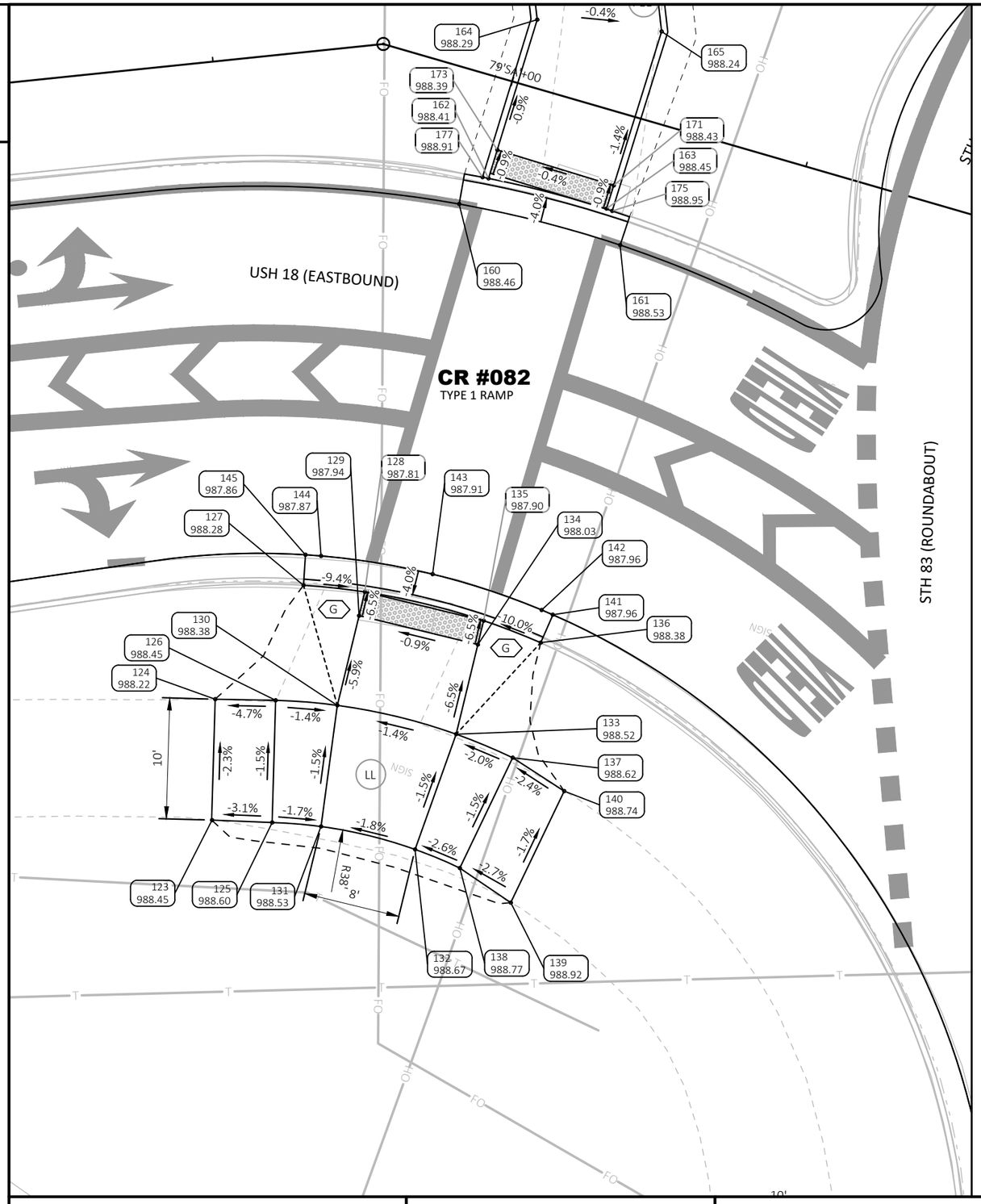
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

N

83-18 W					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
146	1542+44.52	128.32' L	988.00	161318.35	642354.97
147	1542+47.97	129.91' L	987.91	161321.75	642353.28
148	1542+56.67	134.11' L	988.17	161330.34	642348.84
149	1542+59.28	129.84' L	987.95	161333.07	642353.03
150	1542+63.92	120.97' L	988.03	161337.95	642361.76
151	1542+66.24	116.54' L	988.34	161340.39	642366.13
152	1542+57.21	112.22' L	988.03	161331.49	642370.70
153	1542+53.15	110.28' L	988.09	161327.49	642372.76
154	1542+51.10	114.84' L	987.58	161325.31	642368.25
155	1542+52.91	115.71' L	987.72	161327.09	642367.34
156	1542+54.89	116.66' L	987.88	161329.05	642366.34
157	1542+50.27	125.50' L	987.80	161324.18	642357.62
158	1542+48.59	124.73' L	987.67	161322.53	642358.45
159	1542+46.79	123.86' L	987.53	161320.75	642359.36
160	1542+51.17	108.56' L	987.67	161325.56	642374.53
161	1542+42.12	127.51' L	987.58	161315.98	642355.85

83-18 W MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
160	1542+02.86	110.28' L	988.46	161269.77	642375.14
161	1542+02.88	96.69' L	988.53	161271.09	642388.67
162	1542+05.48	108.46' L	988.41	161272.55	642376.70
163	1542+05.49	98.51' L	988.45	161273.52	642386.61
164	1542+11.70	108.18' L	988.29	161286.12	642376.02
165	1542+13.98	98.22' L	988.24	161288.67	642385.92
166	1542+22.75	113.27' L	988.19	161297.01	642370.62
167	1542+25.30	103.43' L	988.07	161299.85	642380.39
168	1542+24.62	115.88' L	988.31	161298.81	642367.96
169	1542+28.38	101.21' L	988.16	161302.99	642382.52
170	1542+23.46	102.58' L	988.09	161298.02	642381.29
171	1542+07.46	98.41' L	988.43	161275.49	642386.51
172	1542+20.91	112.42' L	988.19	161295.20	642371.53
173	1542+07.92	108.35' L	988.39	161274.99	642376.57
174	1542+25.42	102.93' L	988.58	161299.98	642380.88
175	1542+05.42	98.01' L	988.95	161273.49	642387.11
176	1542+22.62	113.75' L	988.69	161296.88	642370.14
177	1542+05.46	108.97' L	988.91	161272.48	642376.20



NOTES:
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4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

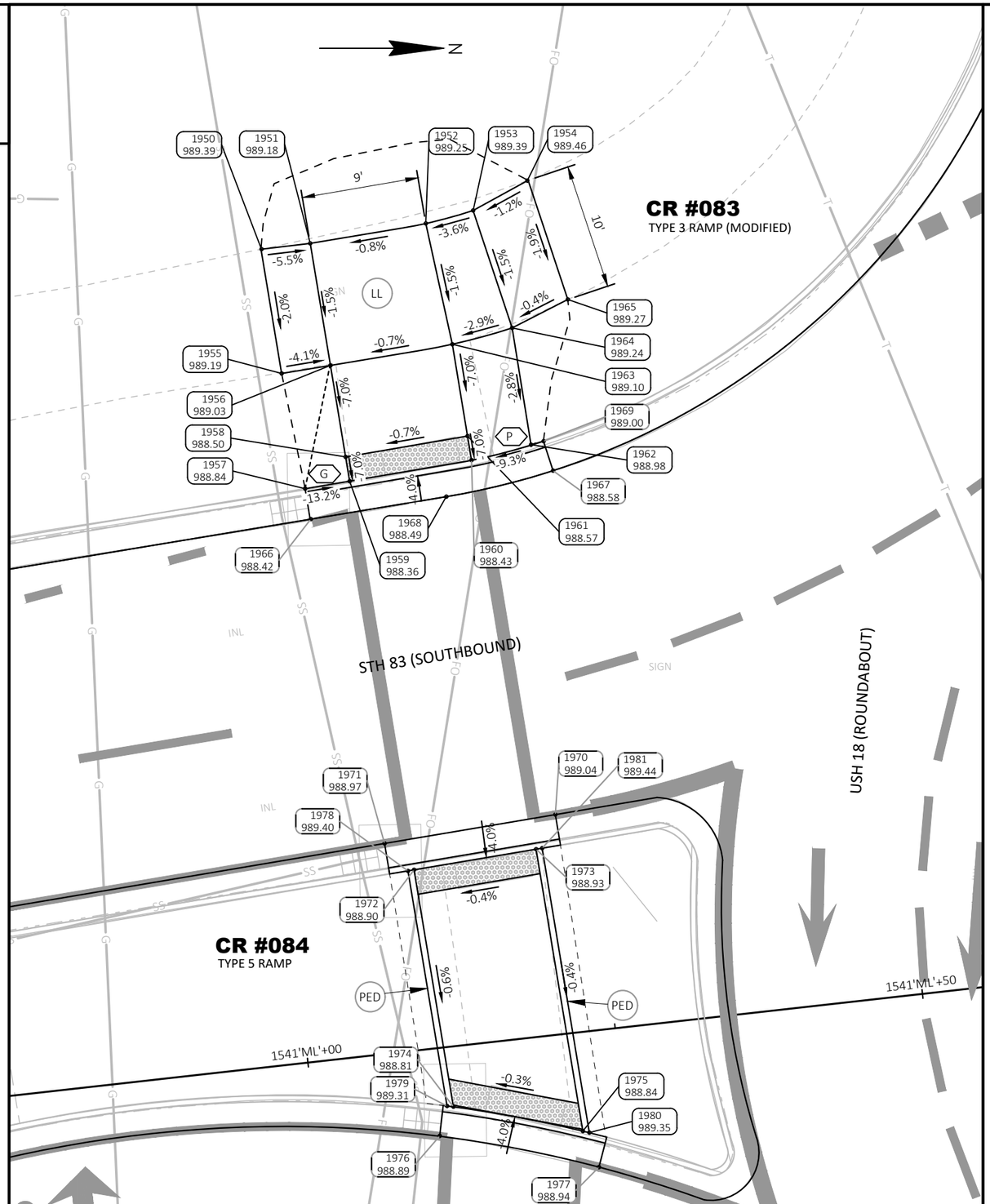
X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

N

83-18 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
123	1541+49.04	117.34' L	988.45	161215.52	642373.27
124	1541+58.68	119.55' L	988.22	161224.90	642370.15
125	1541+50.07	112.53' L	988.60	161217.01	642377.97
126	1541+59.82	114.74' L	988.45	161226.50	642374.83
127	1541+69.50	114.86' L	988.28	161236.12	642373.78
128	1541+70.22	109.87' L	987.81	161237.32	642378.68
129	1541+68.21	109.85' L	987.94	161235.32	642378.90
130	1541+60.68	109.75' L	988.38	161227.83	642379.72
131	1541+50.75	108.58' L	988.53	161218.06	642381.83
132	1541+50.85	100.66' L	988.67	161218.92	642389.70
133	1541+60.81	99.75' L	988.52	161228.92	642389.66
134	1541+68.34	99.85' L	988.03	161236.41	642388.84
135	1541+70.35	99.87' L	987.90	161238.41	642388.62
136	1541+69.78	94.90' L	988.38	161238.31	642393.62
137	1541+60.09	94.79' L	988.62	161228.68	642394.66
138	1541+50.28	96.74' L	988.77	161218.73	642393.66
139	1541+48.58	92.00' L	988.92	161217.49	642398.55
140	1541+58.50	90.03' L	988.74	161227.55	642399.56
141	1541+72.23	94.52' L	987.96	161240.79	642393.76
142	1541+72.38	95.50' L	987.96	161240.84	642392.78
143	1541+73.00	104.86' L	987.91	161240.57	642383.40
144	1541+72.17	114.07' L	987.87	161238.86	642374.32
145	1541+71.96	115.33' L	987.86	161238.52	642373.08

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 76 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 3).DWG
STH 83 & 18 WSW
PLOT DATE : 4/29/2025 11:03 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1.0 IN = 10.0 FT



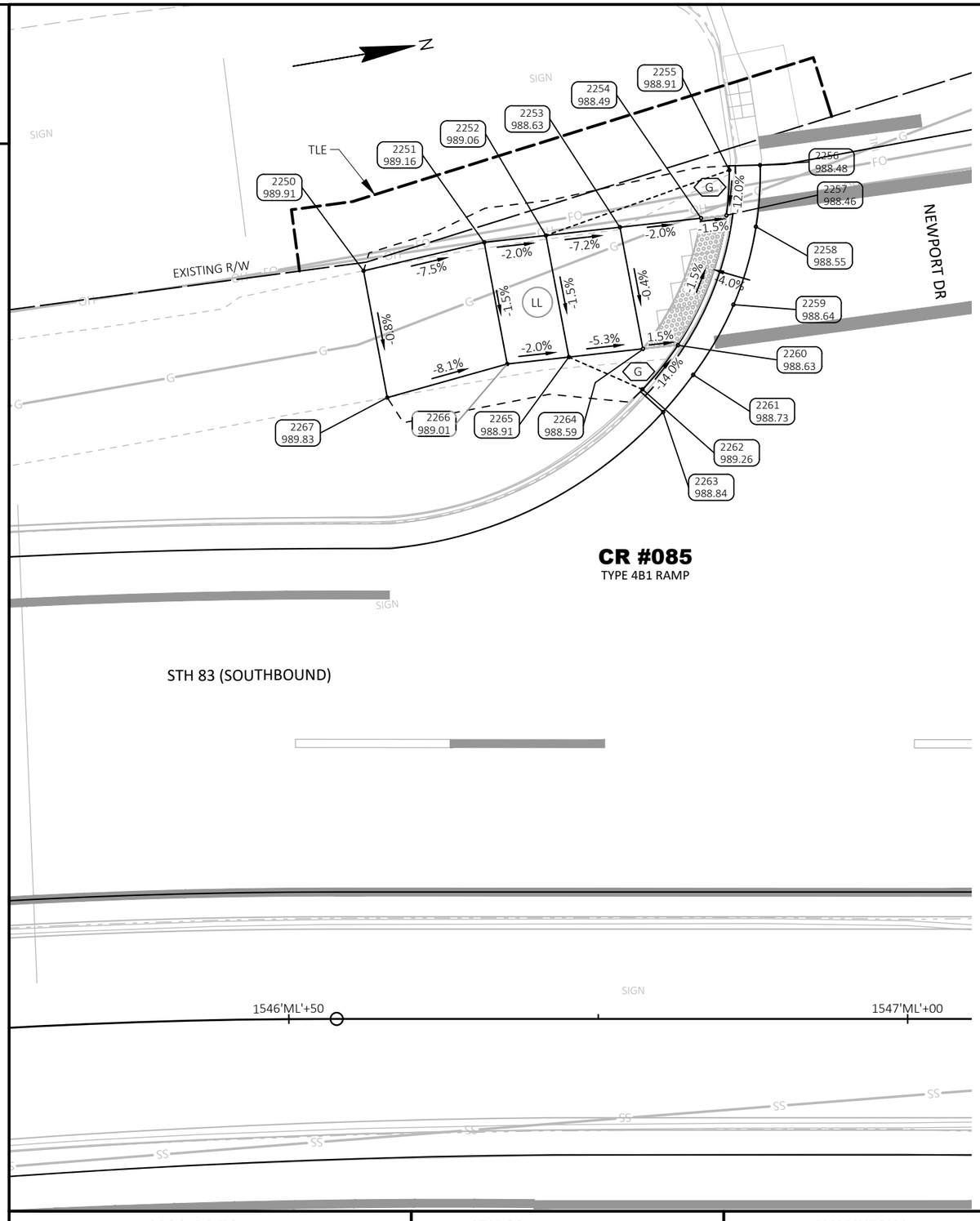
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
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4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

83-18 S					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1950	1541+03.57	65.76' L	989.39	161175.21	642428.98
1951	1541+07.54	65.79' L	989.18	161179.15	642428.57
1952	1541+17.00	66.35' L	989.25	161188.52	642427.11
1953	1541+20.92	66.97' L	989.39	161192.36	642426.11
1954	1541+25.55	68.89' L	989.46	161196.78	642423.76
1955	1541+04.07	55.59' L	989.19	161176.68	642439.05
1956	1541+08.07	55.81' L	989.03	161180.64	642438.46
1957	1541+04.93	46.13' L	988.84	161178.44	642448.39
1958	1541+08.47	48.32' L	988.50	161181.75	642445.87
1959	1541+08.57	46.34' L	988.36	161182.05	642447.84
1960	1541+18.55	46.93' L	988.43	161191.93	642446.29
1961	1541+18.45	48.91' L	988.57	161191.63	642444.33
1962	1541+23.48	47.64' L	988.98	161196.76	642445.11
1963	1541+18.05	56.41' L	989.10	161190.52	642436.90
1964	1541+23.01	57.19' L	989.24	161195.37	642435.65
1965	1541+27.73	58.97' L	989.27	161199.91	642433.42
1966	1541+05.11	43.63' L	988.42	161178.86	642450.86
1967	1541+25.01	45.35' L	988.58	161198.51	642447.24
1968	1541+16.19	44.22' L	988.49	161189.84	642449.21
1969	1541+24.51	47.81' L	989.00	161197.77	642444.84

83-18 S MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1970	1541+22.10	17.70' L	989.04	161198.27	642475.04
1971	1541+08.12	16.92' L	988.97	161184.42	642477.16
1972	1541+10.26	14.53' L	988.90	161186.78	642479.33
1973	1541+20.25	15.09' L	988.93	161196.67	642477.81
1974	1541+11.30	4.85' R	988.81	161189.67	642498.52
1975	1541+21.47	7.97' R	988.84	161200.10	642500.65
1976	1541+09.93	7.07' R	988.89	161188.53	642500.87
1977	1541+22.45	11.00' R	988.94	161201.36	642503.58
1978	???	???' ???	989.40	161186.29	642479.42
1979	???	???' ???	989.31	161189.15	642498.46
1980	???	???' ???	989.35	161200.63	642500.78
1981	???	???' ???	989.44	161197.16	642477.74



CR #085
TYPE 4B1 RAMP

STH 83 (SOUTHBOUND)

NOTES:
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4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

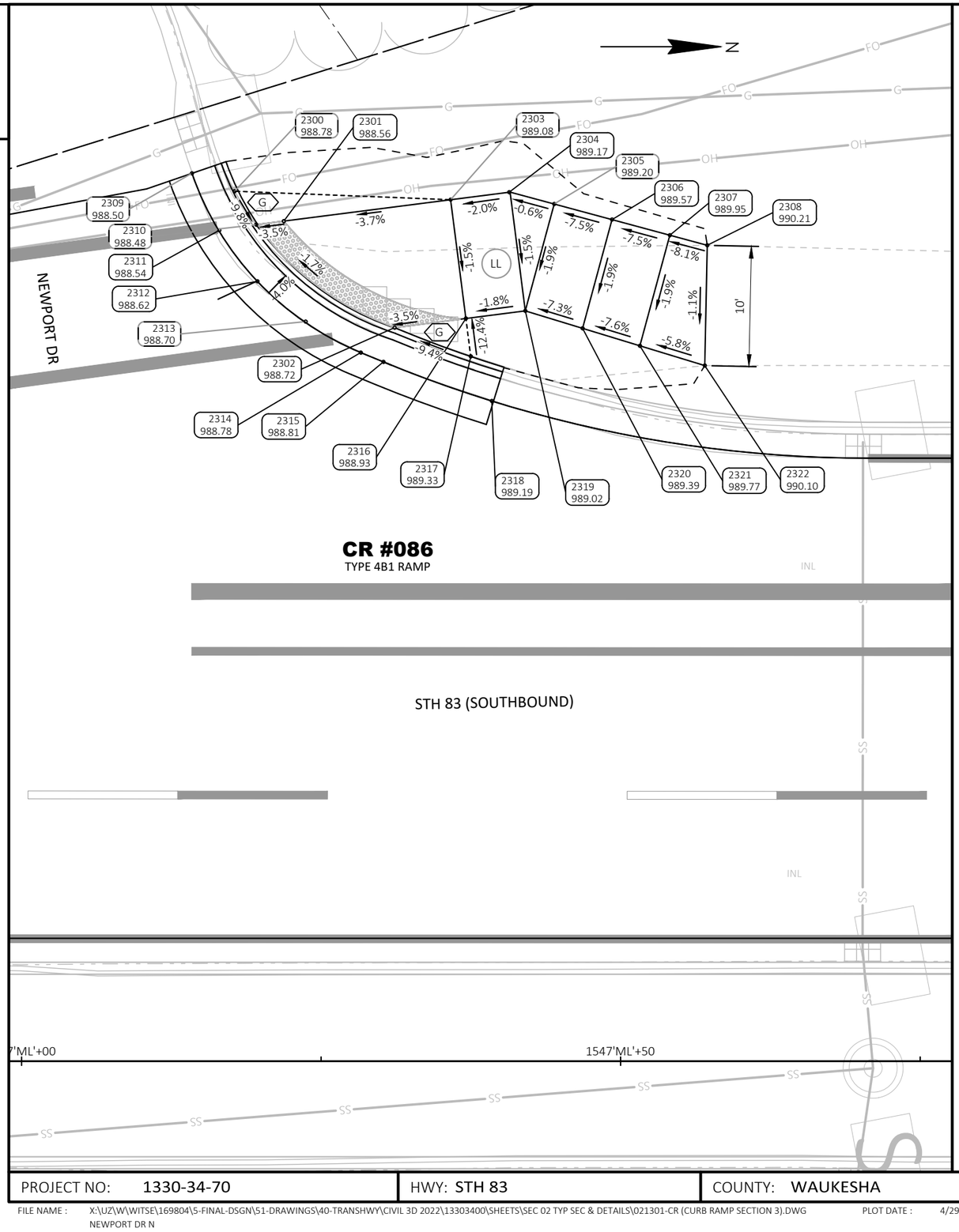
RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHWEST	24.5 FT	8.66 FT	22.99 SF	11.23 FT

NEWPORT SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2250	1546+56.03	60.44' L	989.91	161741.12	642394.96
2251	1546+65.78	62.73' L	989.16	161751.13	642394.52
2252	1546+70.77	63.29' L	989.06	161756.13	642394.90
2253	1546+76.75	63.96' L	988.63	161762.13	642395.35
2254	1546+83.30	64.69' L	988.49	161768.70	642395.85
2255	1546+85.58	68.57' L	988.91	161771.66	642392.46
2256	1546+88.07	68.98' L	988.48	161774.19	642392.52
2257	1546+85.36	64.92' L	988.46	161770.76	642396.01
2258	1546+87.73	64.00' L	988.55	161772.93	642397.35
2259	1546+85.92	57.70' L	988.64	161769.97	642403.21
2260	1546+81.44	54.43' L	988.63	161764.97	642405.60
2261	1546+82.67	52.04' L	988.73	161765.73	642408.17
2262	1546+78.57	50.86' L	989.26	161761.48	642408.56
2263	1546+80.24	49.03' L	988.84	161762.78	642410.67
2264	1546+78.61	54.14' L	988.59	161762.13	642405.35
2265	1546+72.63	53.47' L	988.91	161756.13	642404.89
2266	1546+67.64	52.91' L	989.01	161751.13	642404.52
2267	1546+57.95	50.20' L	989.83	161741.10	642405.38

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 78 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 3).DWG
NEWPORT DR S
PLOT DATE : 4/29/2025 11:04 AM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42



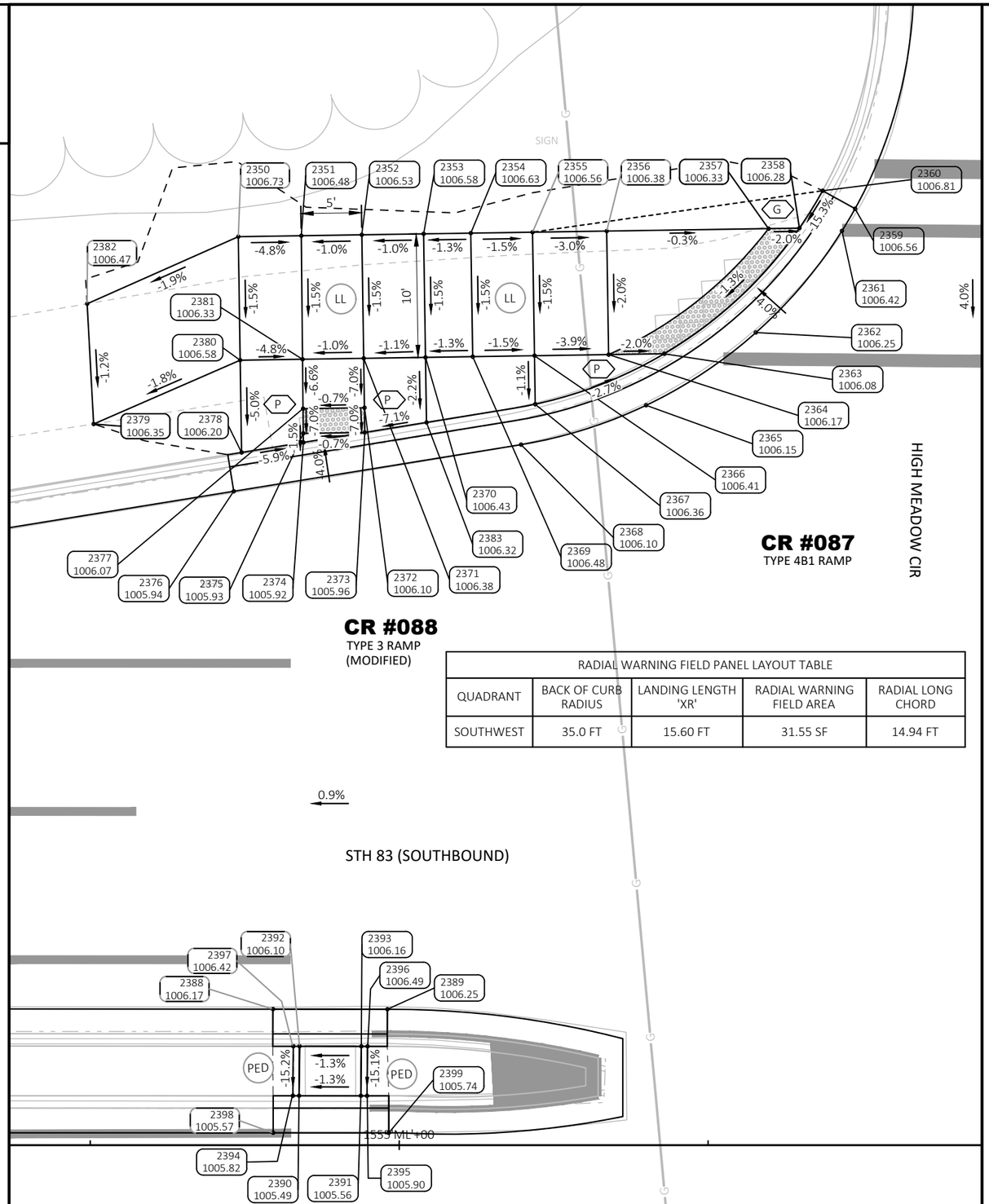
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHWEST	25.0 FT	16.37 FT	27.77 SF	14.41 FT

NEWPORT NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2300	1547+17.78	72.63' L	988.78	161804.06	642394.46
2301	1547+21.88	70.14' L	988.56	161807.62	642397.68
2302	1547+31.13	61.24' L	988.72	161815.06	642408.14
2303	1547+35.81	71.92' L	989.08	161821.64	642398.51
2304	1547+40.69	72.55' L	989.17	161826.56	642398.81
2305	1547+44.45	71.57' L	989.20	161830.06	642400.47
2306	1547+49.28	70.26' L	989.57	161834.56	642402.65
2307	1547+54.11	68.96' L	989.95	161839.07	642404.83
2308	1547+57.23	68.12' L	990.21	161841.98	642406.24
2309	1547+14.22	74.13' L	988.50	161800.84	642392.33
2310	1547+19.57	69.84' L	988.48	161805.30	642397.54
2311	1547+16.50	69.37' L	988.54	161802.19	642397.44
2312	1547+19.68	65.10' L	988.62	161804.52	642402.21
2313	1547+23.71	61.75' L	988.70	161807.85	642406.26
2314	1547+28.31	59.16' L	988.78	161811.90	642409.66
2315	1547+30.20	58.38' L	988.81	161813.61	642410.78
2316	1547+37.08	62.01' L	988.93	161821.05	642408.50
2317	1547+37.49	58.84' L	989.33	161820.86	642411.68
2318	1547+39.25	55.12' L	989.19	161821.89	642415.67
2319	1547+42.04	62.64' L	989.02	161826.04	642408.79
2320	1547+46.82	61.18' L	989.39	161830.46	642411.11
2321	1547+51.60	59.73' L	989.77	161834.89	642413.43
2322	1547+57.02	58.07' L	990.10	161839.90	642416.07



RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHWEST	35.0 FT	15.60 FT	31.55 SF	14.94 FT

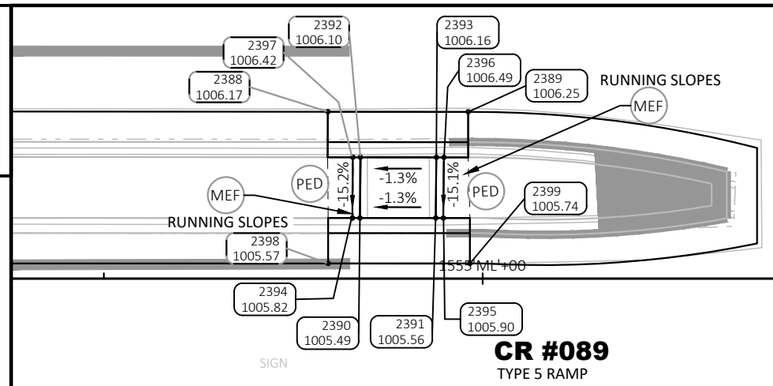
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NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

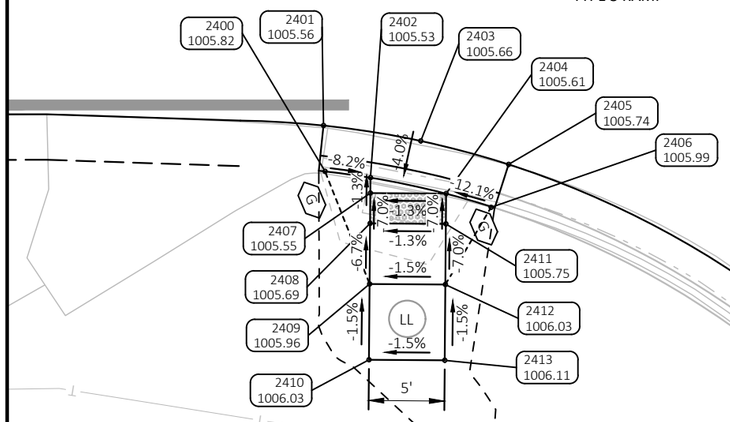
HIGH MEADOW SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2350	1554+86.98	73.53' L	1006.73	162558.14	642474.23
2351	1554+92.08	73.61' L	1006.48	162563.23	642474.43
2352	1554+96.97	73.69' L	1006.53	162568.13	642474.62
2353	1555+01.98	73.76' L	1006.58	162573.13	642474.82
2354	1555+05.80	73.82' L	1006.63	162576.95	642474.97
2355	1555+10.80	73.90' L	1006.56	162581.94	642475.16
2356	1555+16.80	73.99' L	1006.38	162587.94	642475.40
2357	1555+29.89	74.19' L	1006.33	162601.03	642475.91
2358	1555+32.39	74.22' L	1006.28	162603.52	642476.01
2359	1555+36.90	75.79' L	1006.56	162608.11	642474.68
2360	1555+34.28	77.25' L	1006.81	162605.57	642473.08
2361	1555+35.84	74.00' L	1006.42	162606.95	642476.42
2362	1555+28.86	65.78' L	1006.25	162599.54	642484.25
2363	1555+21.45	64.06' L	1006.08	162592.05	642485.57
2364	1555+16.95	63.99' L	1006.17	162587.55	642485.39
2365	1555+19.98	59.89' L	1006.15	162590.36	642489.65
2366	1555+10.95	63.90' L	1006.41	162581.55	642485.15
2367	1555+11.01	59.97' L	1006.36	162581.40	642489.08
2368	1555+09.86	56.70' L	1006.10	162580.08	642492.28
2369	1555+05.95	63.82' L	1006.48	162576.56	642484.96
2370	1555+02.13	63.76' L	1006.43	162572.74	642484.81
2371	1554+97.13	63.69' L	1006.38	162567.74	642484.61
2372	1554+97.19	59.69' L	1006.10	162567.59	642488.61
2373	1554+97.22	57.69' L	1005.96	162567.51	642490.61
2374	1554+92.25	56.88' L	1005.92	162562.50	642491.15
2375	1554+92.24	57.61' L	1005.93	162562.53	642490.42
2376	1554+86.61	52.93' L	1005.94	162556.65	642494.79
2377	1554+92.22	59.61' L	1006.07	162562.62	642488.42
2378	1554+87.25	56.07' L	1006.20	162557.46	642491.69
2379	1554+75.27	58.37' L	1006.35	162545.63	642488.74
2380	1554+87.13	63.54' L	1006.58	162557.75	642484.22
2381	1554+92.18	63.61' L	1006.33	162562.79	642484.42
2382	1554+74.74	68.10' L	1006.47	162545.63	642478.99
2383	1555+02.21	58.50' L	1006.32	162572.53	642490.07



CR #089
TYPE 5 RAMP

STH 83 (NORTHBOUND)

HIGH MEADOW LN



CR #090
TYPE 3 RAMP

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

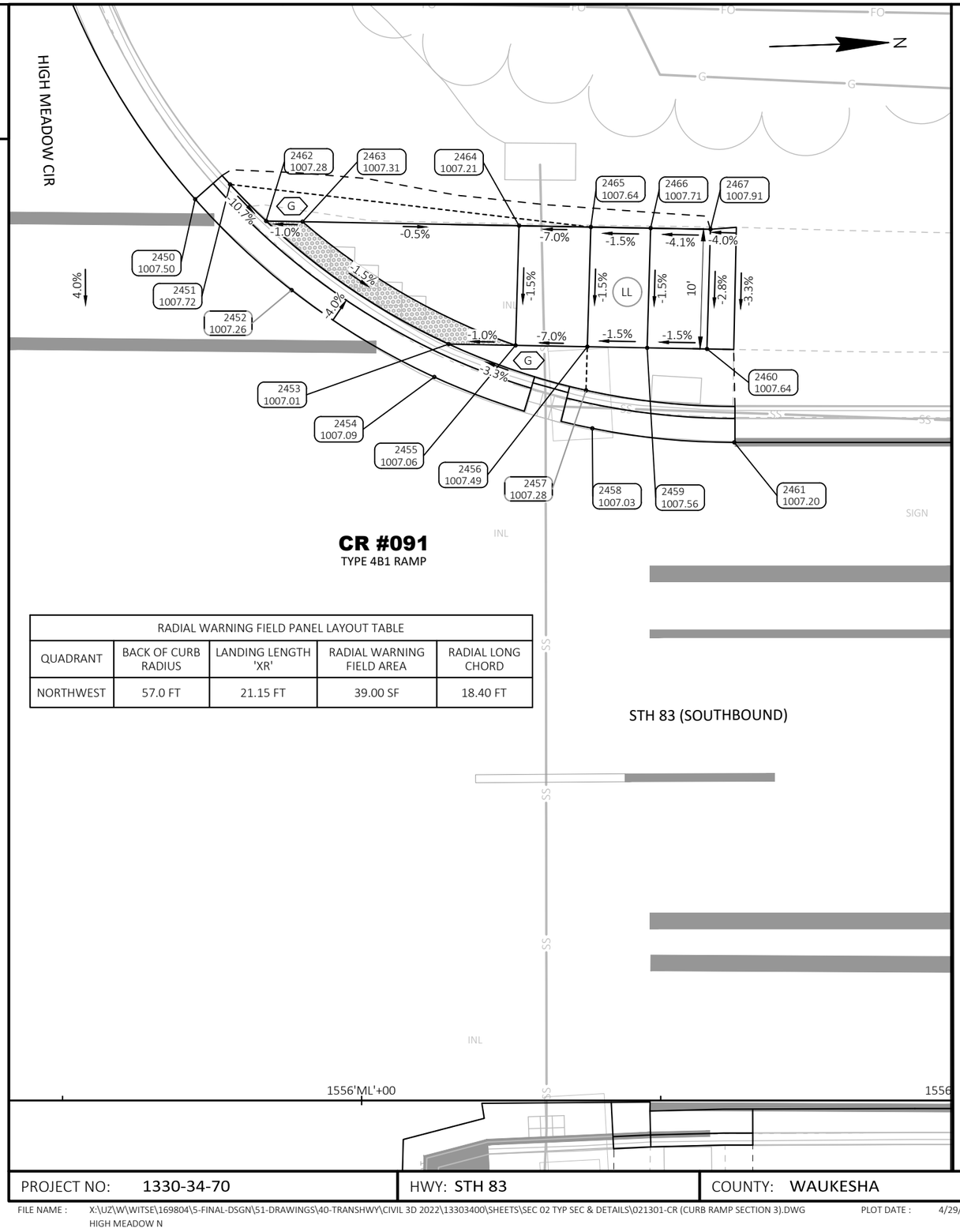
HIGH MEADOW SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2400	1554+89.86	58.38' R	1005.82	162553.86	642606.11
2401	1554+89.76	55.35' R	1005.56	162553.92	642603.08
2402	1554+92.86	58.79' R	1005.53	162556.83	642606.68
2403	1554+96.18	56.37' R	1005.66	162560.28	642604.44
2404	1554+97.85	59.85' R	1005.61	162561.76	642608.01
2405	1555+01.97	57.92' R	1005.74	162565.98	642606.30
2406	1555+00.82	60.75' R	1005.99	162564.67	642609.07
2407	1554+92.85	59.81' R	1005.55	162556.77	642607.70
2408	1554+92.83	61.81' R	1005.69	162556.64	642609.69
2409	1554+92.80	65.81' R	1005.96	162556.39	642613.68
2410	1554+92.76	70.81' R	1006.03	162556.08	642618.67
2411	1554+97.83	61.85' R	1005.75	162561.63	642610.00
2412	1554+97.80	65.85' R	1006.03	162561.38	642614.00
2413	1554+97.76	70.85' R	1006.11	162561.07	642618.99

HIGH MEADOW S MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2388	1554+89.79	11.01' L	1006.17	162557.55	642536.82
2389	1554+99.04	11.00' L	1006.25	162566.79	642537.33
2390	1554+91.90	4.00' L	1005.49	162559.28	642543.93
2391	1554+96.90	4.00' L	1005.56	162564.27	642544.20
2392	1554+91.93	8.01' L	1006.10	162559.53	642539.93
2393	1554+96.94	8.00' L	1006.16	162564.53	642540.21
2394	1554+91.40	4.00' L	1005.82	162558.78	642543.91
2395	1554+97.40	3.99' L	1005.90	162564.77	642544.24
2396	1554+97.44	8.00' L	1006.49	162565.03	642540.24
2397	1554+91.43	8.01' L	1006.42	162559.03	642539.90
2398	1554+89.80	1.00' L	1005.57	162557.02	642546.81
2399	1554+99.16	1.00' L	1005.74	162566.37	642547.32

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 81 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 3).DWG
HIGH MEADOW LN & MID
PLOT DATE : 4/29/2025 11:04 AM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42



CR #091
TYPE 4B1 RAMP

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHWEST	57.0 FT	21.15 FT	39.00 SF	18.40 FT

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

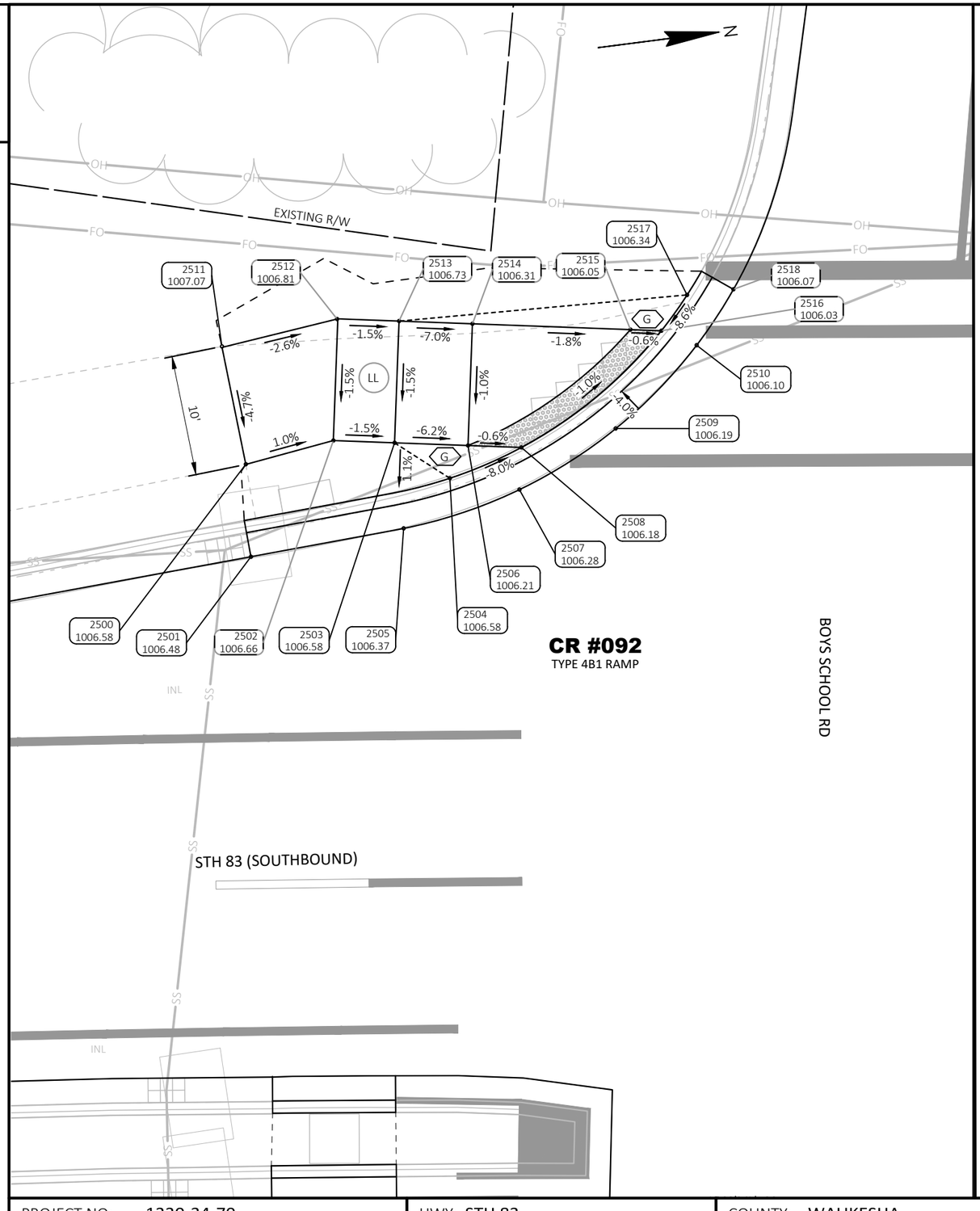
X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

HIGH MEADOW NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2450	1555+86.09	75.30' L	1007.50	162657.20	642477.85
2451	1555+89.00	76.54' L	1007.72	162660.18	642476.77
2452	1555+94.14	67.71' L	1007.26	162664.83	642485.86
2453	1556+07.28	63.20' L	1007.01	162677.70	642491.08
2454	1556+06.07	60.45' L	1007.09	162676.35	642493.76
2455	1556+12.86	63.09' L	1007.06	162683.27	642491.49
2456	1556+18.86	62.98' L	1007.49	162689.26	642491.93
2457	1556+18.76	59.33' L	1007.28	162688.95	642495.56
2458	1556+19.28	56.16' L	1007.03	162689.30	642498.76
2459	1556+23.86	62.89' L	1007.56	162694.24	642492.29
2460	1556+28.86	62.79' L	1007.64	162699.23	642492.66
2461	1556+31.14	54.99' L	1007.20	162701.08	642500.58
2462	1555+92.01	73.48' L	1007.28	162663.02	642479.98
2463	1555+95.06	73.43' L	1007.31	162666.06	642480.20
2464	1556+13.16	73.09' L	1007.21	162684.11	642481.52
2465	1556+19.16	72.97' L	1007.64	162690.09	642481.96
2466	1556+24.16	72.88' L	1007.71	162695.08	642482.33
2467	1556+29.16	72.79' L	1007.91	162700.07	642482.69

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 82 E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 3).DWG
HIGH MEADOW N
PLOT DATE : 4/29/2025 11:05 AM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42



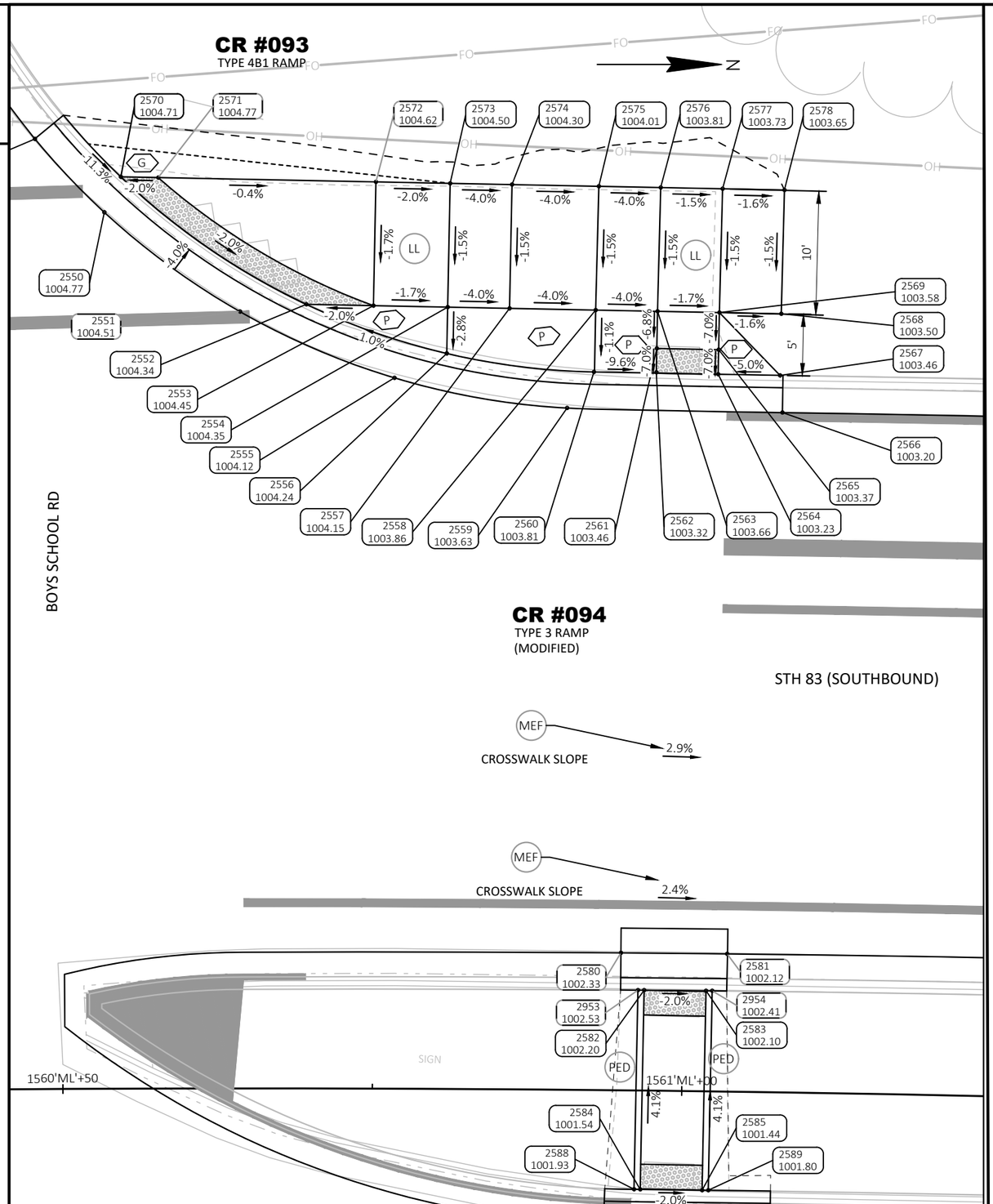
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

BOYS SCHOOL RD SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2500	1559+60.37	61.33' L	1006.58	163034.28	642520.99
2501	1559+60.67	53.77' L	1006.48	163033.58	642528.52
2502	1559+67.39	63.16' L	1006.66	163041.64	642520.13
2503	1559+72.27	62.92' L	1006.58	163046.55	642521.05
2504	1559+76.66	59.98' L	1006.58	163050.59	642524.58
2505	1559+72.92	55.92' L	1006.37	163046.26	642528.08
2506	1559+78.13	62.64' L	1006.21	163052.45	642522.15
2507	1559+82.21	59.01' L	1006.28	163056.08	642526.33
2508	1559+82.39	62.45' L	1006.18	163056.74	642522.96
2509	1559+89.93	63.95' L	1006.19	163064.59	642522.56
2510	1559+96.41	70.73' L	1006.10	163072.13	642516.80
2511	1559+58.61	70.98' L	1007.07	163033.77	642511.19
2512	1559+67.80	73.08' L	1006.81	163043.40	642510.36
2513	1559+72.73	72.86' L	1006.73	163048.38	642511.27
2514	1559+78.57	72.58' L	1006.31	163054.28	642512.38
2515	1559+91.14	72.02' L	1006.05	163066.97	642514.75
2516	1559+93.60	71.92' L	1006.03	163069.46	642515.21
2517	1559+95.65	74.84' L	1006.34	163071.96	642512.63
2518	1559+99.34	75.29' L	1006.07	163075.77	642512.74

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHWEST	27.5 FT	15.44 FT	31.32 SF	14.89 FT



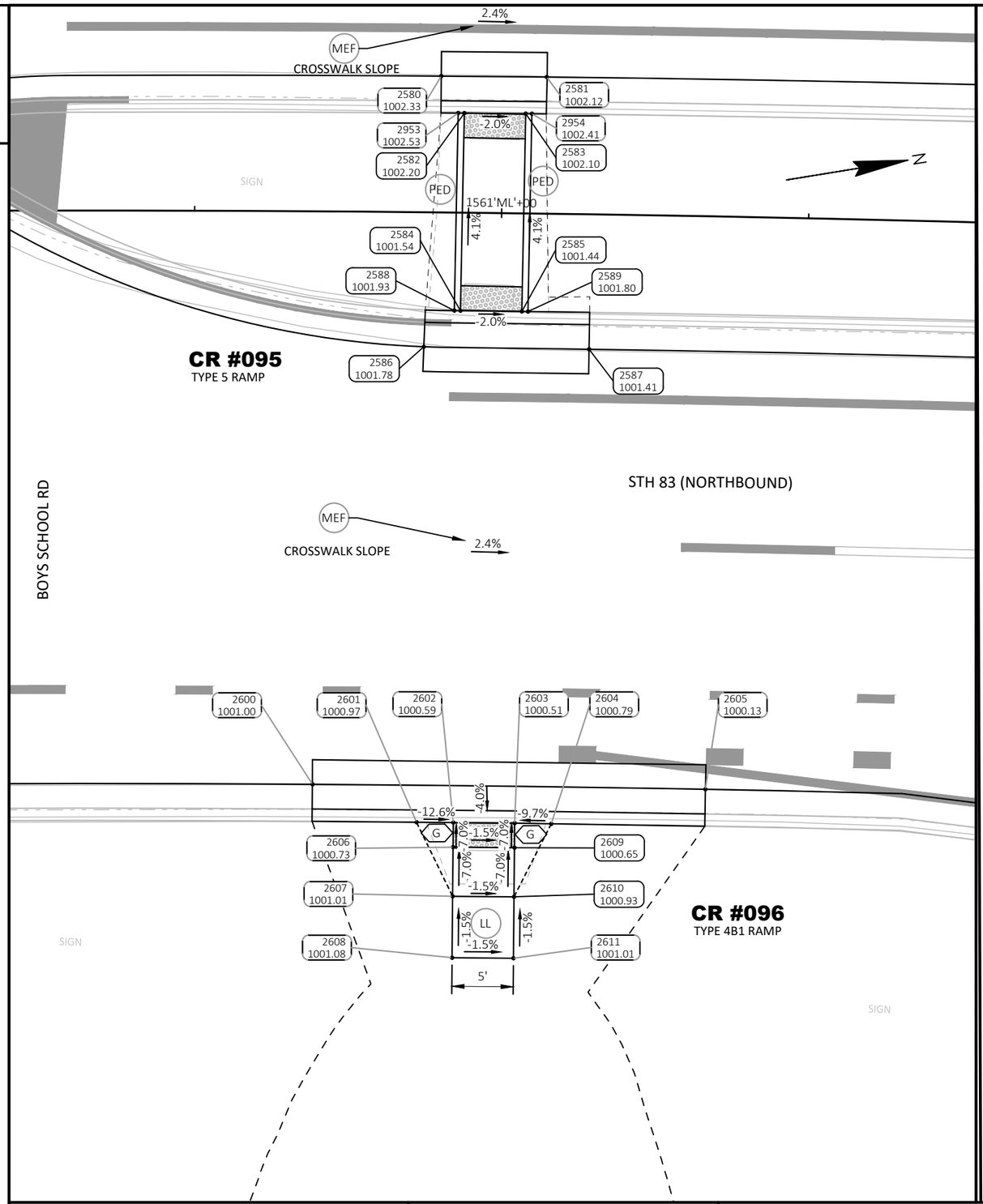
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

BOYS SCHOOL NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
511	1560+48.23	76.76' L	1004.95	163125.63	642519.08
2550	1560+53.66	70.80' L	1004.77	163130.15	642525.88
2551	1560+64.35	62.75' L	1004.51	163139.59	642535.65
2552	1560+69.58	63.34' L	1004.34	163144.97	642535.99
2553	1560+74.89	63.24' L	1004.45	163150.30	642537.02
2554	1560+80.75	63.15' L	1004.35	163156.19	642538.16
2555	1560+76.57	57.42' L	1004.12	163150.98	642543.05
2556	1560+80.70	59.41' L	1004.24	163155.48	642541.83
2557	1560+85.64	63.08' L	1004.15	163161.10	642539.10
2558	1560+92.44	63.00' L	1003.86	163167.93	642540.43
2559	1560+90.25	55.07' L	1003.63	163164.30	642547.83
2560	1560+92.35	58.00' L	1003.81	163166.94	642545.33
2561	1560+97.31	59.95' L	1003.46	163172.27	642544.32
2562	1560+97.29	58.02' L	1003.32	163171.90	642546.22
2563	1560+97.33	62.95' L	1003.66	163172.84	642541.38
2564	1561+02.19	57.93' L	1003.23	163176.80	642547.22
2565	1561+02.20	59.92' L	1003.37	163177.18	642545.27
2566	1561+07.31	54.91' L	1003.20	163181.39	642551.15
2567	1561+07.08	57.91' L	1003.46	163181.71	642548.16
2568	1561+07.11	62.89' L	1003.50	163182.66	642543.27
2569	1561+02.22	62.92' L	1003.58	163177.75	642542.32
2570	1560+54.97	73.65' L	1004.71	163131.95	642523.28
2571	1560+57.91	73.58' L	1004.77	163134.92	642523.86
2572	1560+75.05	73.24' L	1004.62	163152.19	642527.20
2573	1560+80.89	73.15' L	1004.50	163158.09	642528.34
2574	1560+85.76	73.08' L	1004.30	163162.99	642529.29
2575	1560+92.60	73.00' L	1004.01	163169.88	642530.62
2576	1560+97.47	72.95' L	1003.81	163174.79	642531.57
2577	1561+02.34	72.92' L	1003.73	163179.70	642532.52
2578	1561+07.21	72.89' L	1003.65	163184.61	642533.47

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
NORTHWEST	57.0 FT	20.62 FT	38.45 SF	18.19 FT



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

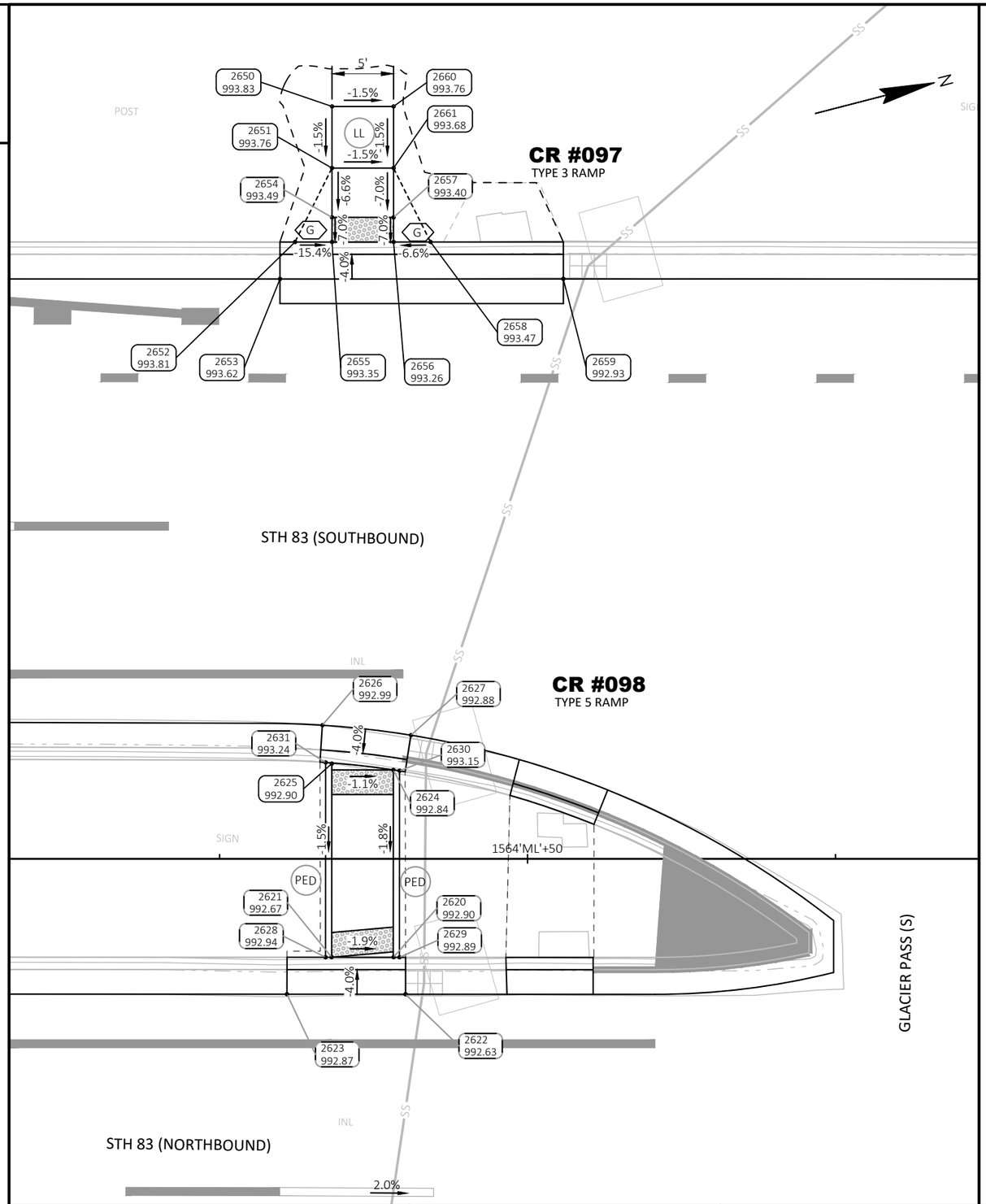
X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

BOYS SCHOOL RD N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2580	1560+94.97	11.10' L	1002.33	163161.10	642591.94
2581	1561+03.52	11.12' L	1002.12	163169.54	642593.48
2582	1560+96.87	8.10' L	1002.20	163162.43	642595.23
2583	1561+01.86	8.12' L	1002.10	163167.35	642596.13
2584	1560+96.73	7.99' R	1001.54	163159.38	642611.03
2585	1561+01.75	7.99' R	1001.44	163164.29	642611.94
2586	1560+93.77	10.96' R	1001.78	163155.94	642613.42
2587	1561+07.28	10.99' R	1001.41	163169.16	642615.91
2588	1560+96.23	7.98' R	1001.93	163158.88	642610.94
2589	1561+02.25	7.99' R	1001.80	163164.78	642612.03
2953	1560+96.37	8.10' L	1002.53	163161.94	642595.14
2954	1561+02.36	8.12' L	1002.41	163167.84	642596.22

BOYS SCHOOL RD NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2600	1560+84.92	46.66' R	1001.00	163140.94	642646.98
2601	1560+93.56	49.68' R	1000.97	163148.75	642651.47
2602	1560+96.61	49.68' R	1000.59	163151.70	642652.00
2603	1561+01.70	49.66' R	1000.51	163156.62	642652.90
2604	1561+04.74	49.68' R	1000.79	163159.54	642653.47
2605	1561+17.46	46.66' R	1000.13	163172.39	642652.83
2606	1560+96.62	51.68' R	1000.73	163151.34	642653.98
2607	1560+96.63	55.68' R	1001.01	163150.62	642657.91
2608	1560+96.64	60.68' R	1001.08	163149.73	642662.83
2609	1561+01.71	51.66' R	1000.65	163156.26	642654.87
2610	1561+01.73	55.66' R	1000.93	163155.54	642658.81
2611	1561+01.75	60.66' R	1001.01	163154.65	642663.72

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 85	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\021301-CR (CURB RAMP SECTION 3).DWG
BOYS SCHOOL RD - E & MID
PLOT DATE : 4/29/2025 11:05 AM
PLOT BY : DEAN STODOLA
PLOT NAME :
PLOT SCALE : 1.0 IN = ###### FT
WISDOT/CADDS SHEET 42



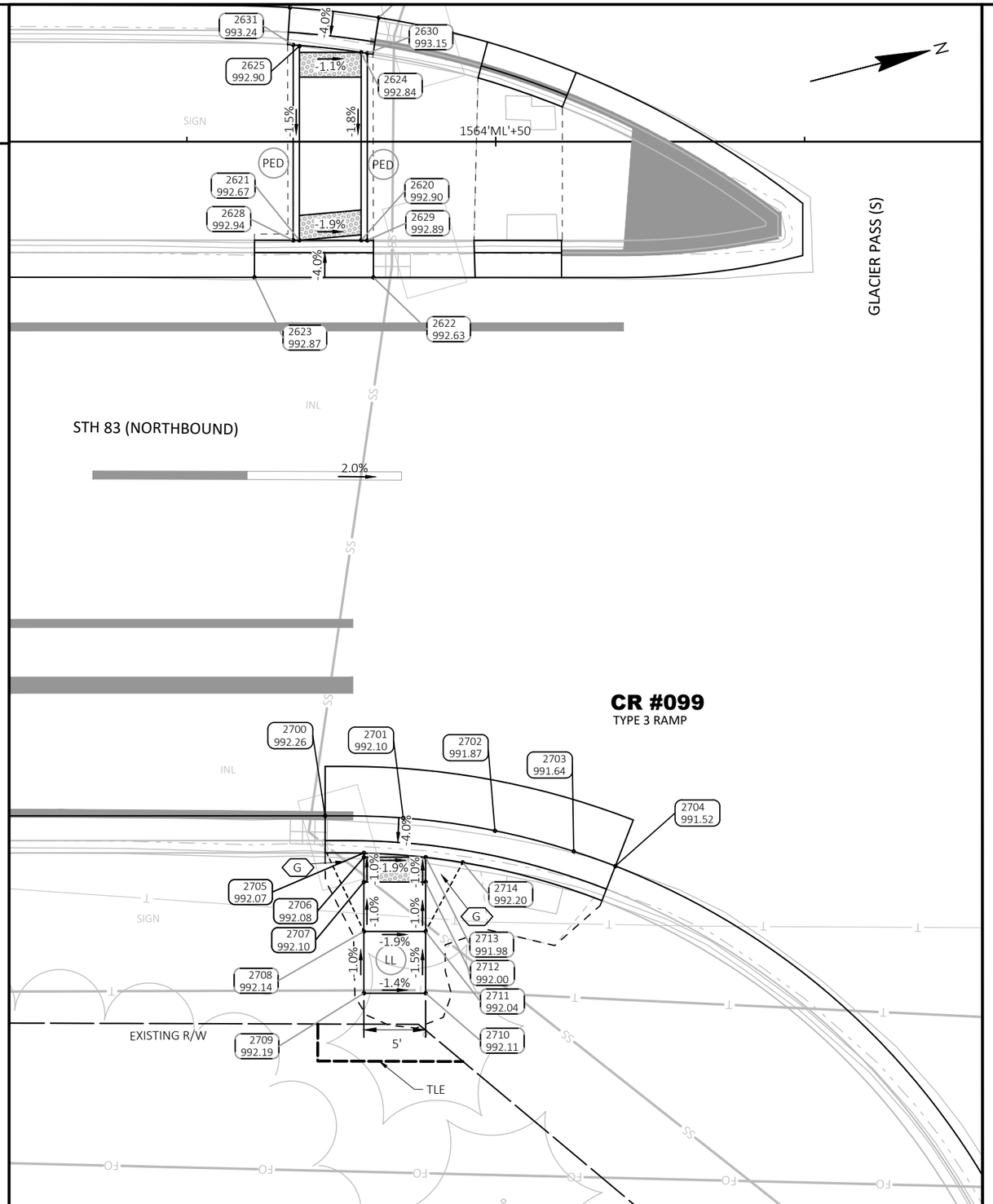
NOTES:
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2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

GLACIER SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2650	1564+34.12	61.06' L	993.83	163504.90	642624.39
2651	1564+34.12	56.06' L	993.76	163503.55	642629.20
2652	1564+31.12	50.06' L	993.81	163499.05	642634.17
2653	1564+29.90	47.06' L	993.62	163497.06	642636.73
2654	1564+34.12	52.06' L	993.49	163502.48	642633.05
2655	1564+34.12	50.06' L	993.35	163501.94	642634.98
2656	1564+39.12	50.06' L	993.26	163506.75	642636.33
2657	1564+39.12	52.06' L	993.40	163507.29	642634.40
2658	1564+42.12	50.06' L	993.47	163509.64	642637.14
2659	1564+52.90	47.06' L	992.93	163519.21	642642.93
2660	1564+39.12	61.06' L	993.76	163509.72	642625.74
2661	1564+39.12	56.06' L	993.68	163508.37	642630.55

GLACIER PASS-S MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2620	1564+39.11	7.98' R	992.90	163491.08	642692.22
2621	1564+34.09	7.98' R	992.67	163486.25	642690.86
2622	1564+40.09	10.99' R	992.63	163491.21	642695.38
2623	1564+30.47	10.99' R	992.87	163481.95	642692.78
2624	1564+39.11	7.21' L	992.84	163495.17	642677.59
2625	1564+34.11	7.73' L	992.90	163490.50	642675.74
2626	1564+33.34	10.85' L	992.99	163490.60	642672.53
2627	1564+40.53	10.03' L	992.88	163497.31	642675.25
2628	1564+33.60	7.99' R	992.94	163485.77	642690.74
2629	1564+39.60	7.99' R	992.89	163491.55	642692.36
2630	1564+39.61	7.14' L	993.15	163495.64	642677.79
2631	1564+33.61	7.82' L	993.24	163490.05	642675.52



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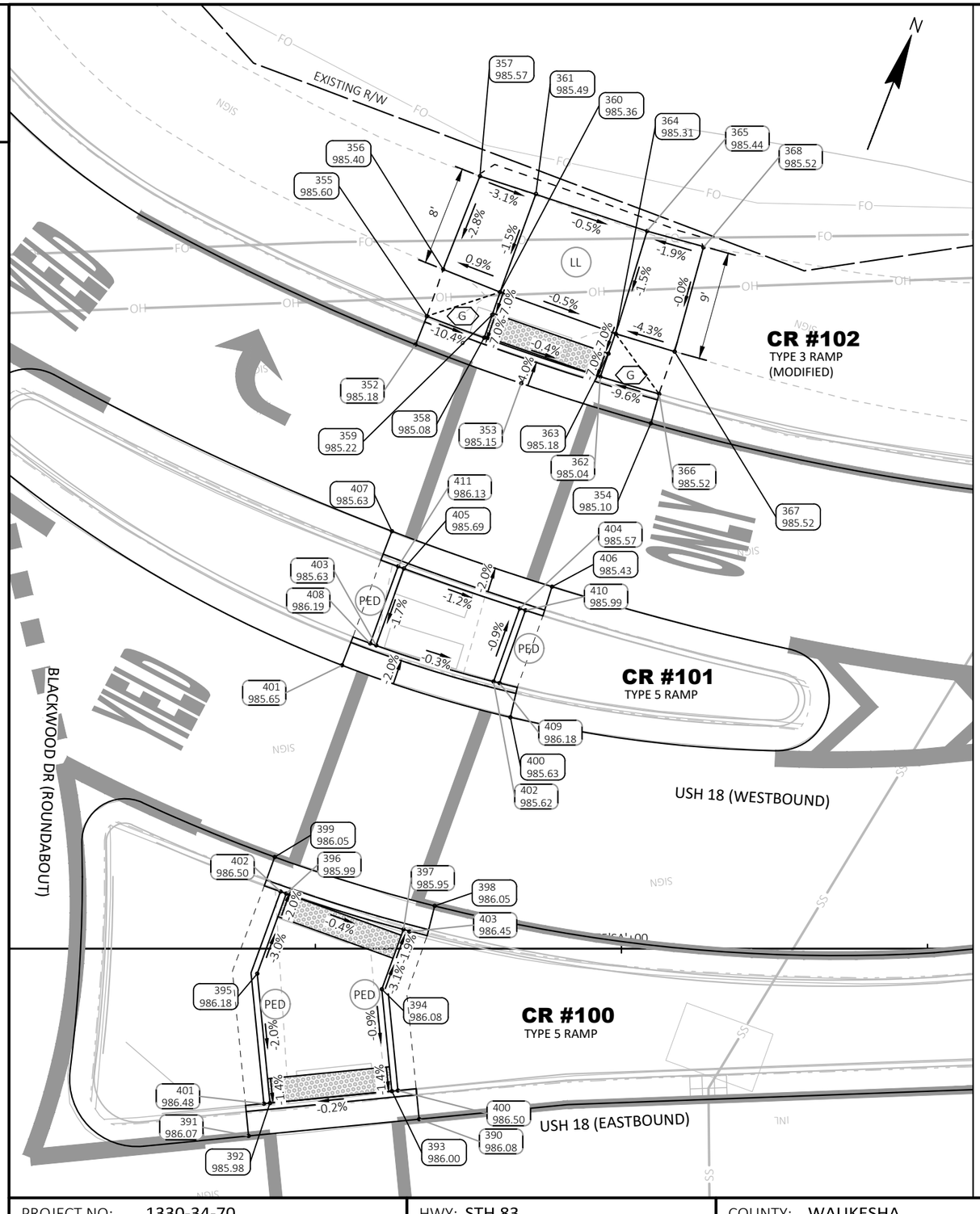
LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

GLACIER SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2700	1564+36.19	54.57' R	992.26	163475.70	642736.29
2701	1564+42.51	54.75' R	992.10	163481.74	642738.17
2702	1564+49.93	55.78' R	991.87	163488.61	642741.16
2703	1564+56.31	57.45' R	991.64	163494.30	642744.49
2704	1564+59.68	58.64' R	991.52	163497.23	642746.55
2705	1564+39.32	57.58' R	992.07	163477.91	642740.03
2706	1564+39.32	57.93' R	992.08	163477.81	642740.37
2707	1564+39.32	59.93' R	992.10	163477.27	642742.29
2708	1564+39.32	63.93' R	992.14	163476.19	642746.15
2709	1564+39.32	68.93' R	992.19	163474.84	642750.96
2710	1564+44.32	68.93' R	992.11	163479.66	642752.31
2711	1564+44.32	63.93' R	992.04	163481.01	642747.49
2712	1564+44.32	59.94' R	992.00	163482.09	642743.65
2713	1564+44.32	57.93' R	991.98	163482.63	642741.72
2714	1564+47.32	58.35' R	992.20	163485.40	642742.93

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 87	E



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LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

SUMMIT-BLACKWOOD E

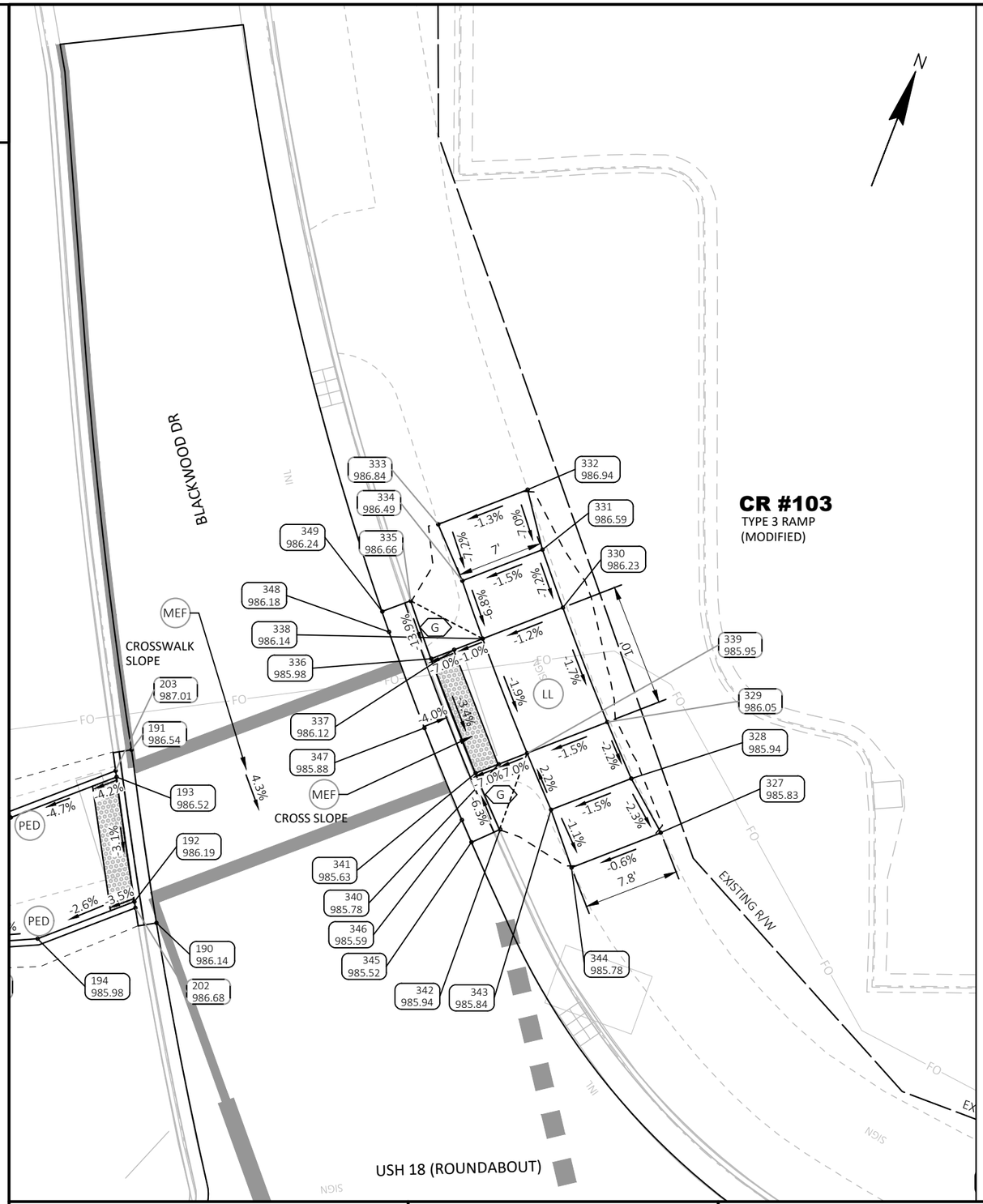
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
352	74+83.18	49.34' L	985.18	161163.80	641976.77
353	74+91.81	46.17' L	985.15	161163.76	641985.97
354	75+02.40	42.91' L	985.10	161164.29	641997.02
355	74+84.11	51.66' L	985.60	161166.30	641976.85
356	74+85.44	55.48' L	985.40	161170.34	641976.81
357	74+88.44	63.10' L	985.57	161178.53	641977.03
358	74+88.79	49.90' L	985.08	161166.23	641981.85
359	74+89.45	51.78' L	985.22	161168.22	641981.83
360	74+90.09	53.63' L	985.36	161170.18	641981.81
361	74+93.01	61.65' L	985.49	161178.72	641981.83
362	74+98.27	46.72' L	985.04	161166.47	641991.85
363	74+98.93	48.60' L	985.18	161168.46	641991.83
364	74+99.53	50.23' L	985.31	161170.20	641991.84
365	75+02.09	58.61' L	985.44	161178.95	641991.40
366	75+03.08	45.31' L	985.52	161166.77	641996.85
367	75+04.34	48.77' L	985.52	161170.46	641996.86
368	75+06.69	57.28' L	985.52	161179.26	641996.18

SUMMIT-BLACKWOOD E MEDIAN

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
390	74+83.48	13.94' R	986.08	161104.40	641998.57
391	74+69.55	15.30' R	986.07	161098.37	641985.94
392	74+71.29	12.62' R	985.98	161101.49	641986.67
393	74+81.24	11.64' R	986.00	161105.79	641995.69
394	74+80.43	3.32' R	986.08	161113.34	641992.10
395	74+70.26	2.05' R	986.18	161111.08	641982.10
396	74+72.62	4.49' L	985.99	161118.03	641982.10
397	74+82.20	1.56' L	985.95	161118.53	641992.10
398	74+84.74	3.49' L	986.05	161121.21	641993.84
399	74+71.68	7.48' L	986.05	161120.52	641980.19
400	74+81.74	11.59' R	986.50	161106.01	641996.14
401	74+70.79	12.67' R	986.48	161101.27	641986.21
402	74+72.15	4.66' L	986.50	161118.03	641981.60
403	74+82.67	1.39' L	986.45	161118.53	641992.60

SUMMIT-BLACKWOOD E SPLITTER

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
400	74+90.92	18.90' L	985.63	161137.80	641994.41
401	74+77.17	23.14' L	985.65	161137.12	641980.03
402	74+89.55	21.81' L	985.62	161140.07	641992.13
403	74+79.97	24.77' L	985.63	161139.60	641982.11
404	74+91.68	27.78' L	985.57	161146.41	641992.10
405	74+82.23	31.06' L	985.69	161146.28	641982.10
406	74+94.33	29.56' L	985.43	161148.99	641993.98
407	74+81.25	34.10' L	985.63	161148.81	641980.14
408	74+79.48	24.93' L	986.19	161139.58	641981.59
409	74+90.04	21.69' L	986.18	161140.13	641992.63
410	74+92.16	27.63' L	985.99	161146.43	641992.60
411	74+81.76	31.23' L	986.13	161146.28	641981.60



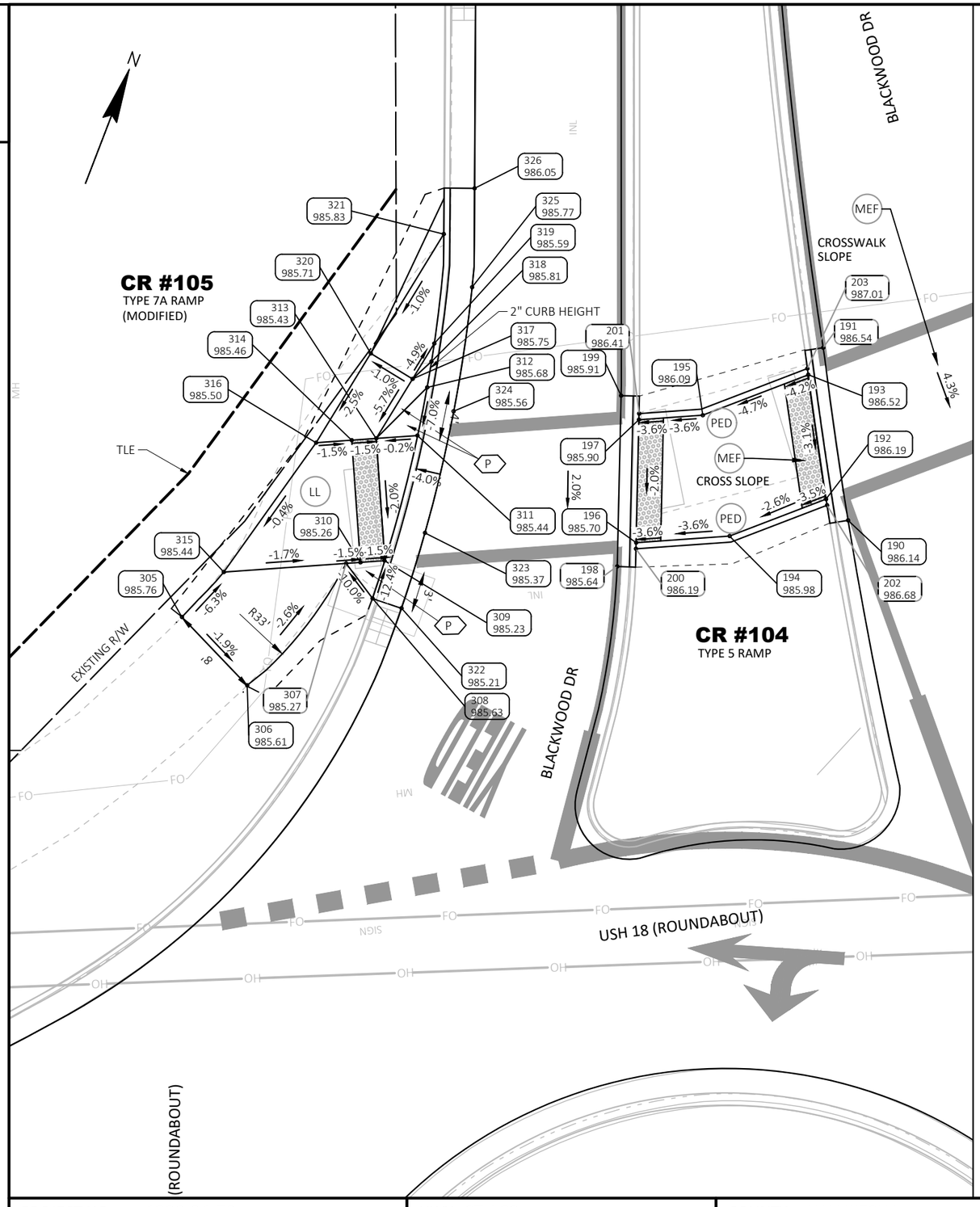
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LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

SUMMIT-BLACKWOOD NE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
327	74+50.28	93.41' L	985.83	161194.05	641930.84
328	74+47.89	97.82' L	985.94	161197.37	641927.09
329	74+45.93	102.42' L	986.05	161201.04	641923.68
330	74+42.31	111.74' L	986.23	161208.57	641917.11
331	74+40.65	116.46' L	986.59	161212.44	641913.95
332	74+39.44	121.35' L	986.94	161216.63	641911.14
333	74+32.16	118.52' L	986.84	161211.50	641905.26
334	74+34.12	113.92' L	986.49	161207.84	641908.67
335	74+29.93	112.28' L	986.66	161204.87	641905.28
336	74+31.59	107.58' L	985.98	161201.01	641908.44
337	74+33.46	108.31' L	986.12	161202.33	641909.96
338	74+35.79	109.21' L	986.14	161203.97	641911.84
339	74+39.40	99.89' L	985.95	161196.44	641918.41
340	74+37.09	98.99' L	985.78	161194.81	641916.54
341	74+35.21	98.26' L	985.63	161193.48	641915.01
342	74+37.22	93.68' L	985.94	161189.85	641918.46
343	74+41.35	95.28' L	985.84	161192.77	641921.81
344	74+43.02	90.57' L	985.78	161188.90	641924.98
345	74+34.87	92.64' L	985.52	161188.08	641916.61
346	74+34.09	94.44' L	985.59	161189.51	641915.27
347	74+31.05	101.94' L	985.88	161195.52	641909.85
348	74+28.16	109.76' L	986.18	161201.89	641904.47
349	74+27.61	111.42' L	986.24	161203.27	641903.40



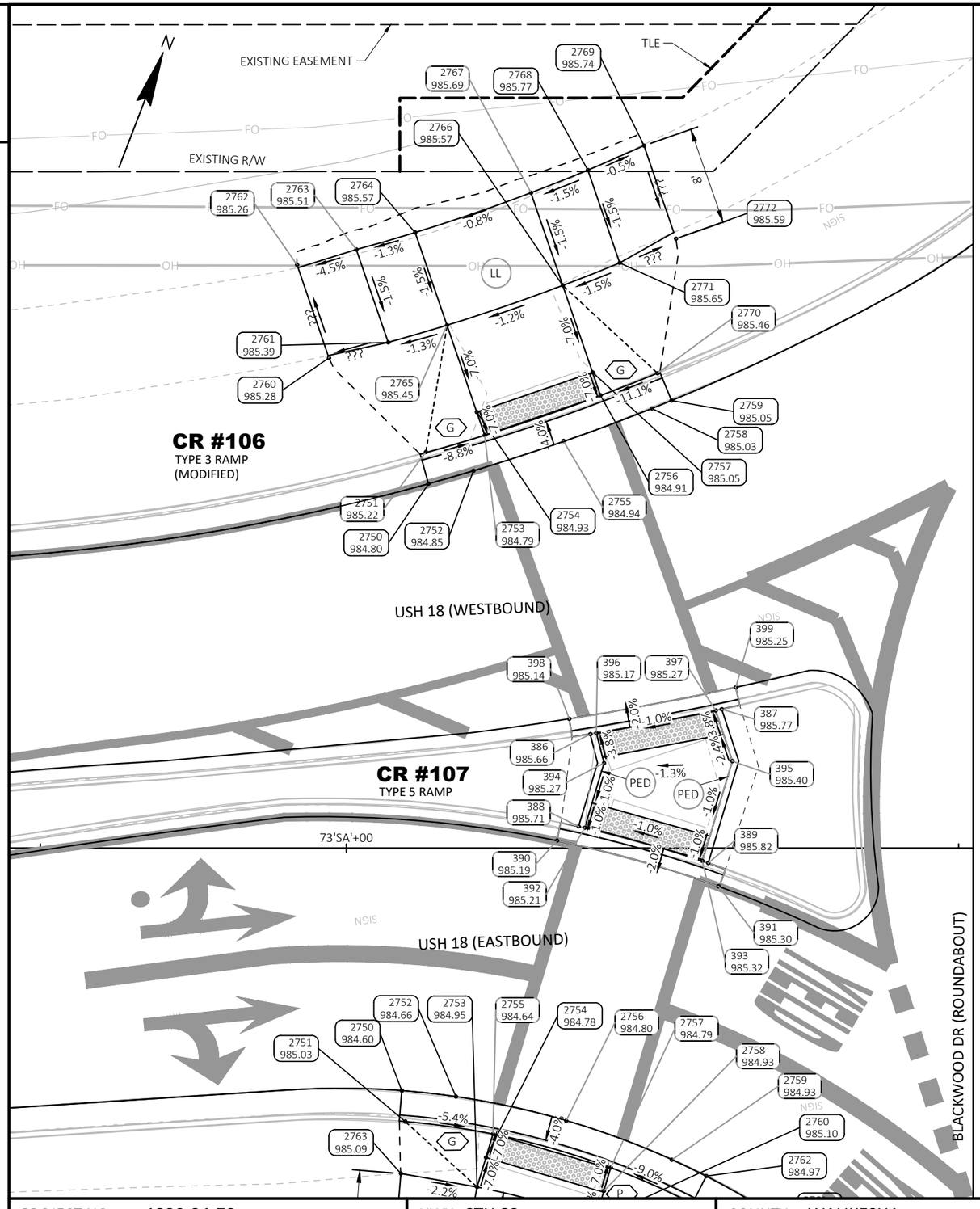
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LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

SUMMIT-BLACKWOOD NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
305	73+54.82	78.16' L	985.76	161147.23	641846.26
306	73+60.15	72.59' L	985.61	161143.80	641853.16
307	73+68.23	82.54' L	985.27	161155.92	641857.37
308	73+70.38	79.68' L	985.63	161153.95	641860.38
309	73+71.36	82.77' L	985.23	161157.19	641860.24
310	73+69.39	82.63' L	985.26	161156.39	641858.45
311	73+74.05	92.99' L	985.44	161167.71	641859.30
312	73+74.85	96.91' L	985.68	161171.68	641858.71
313	73+70.68	92.74' L	985.43	161166.34	641856.21
314	73+68.68	92.60' L	985.46	161165.53	641854.38
315	73+58.24	81.83' L	985.44	161151.85	641848.22
316	73+65.78	92.40' L	985.50	161164.35	641851.72
317	73+73.65	97.60' L	985.75	161171.92	641857.35
318	73+75.19	99.02' L	985.81	161173.78	641858.32
319	73+75.42	100.50' L	985.59	161175.25	641858.03
320	73+70.24	99.69' L	985.71	161172.72	641853.43
321	73+76.20	109.44' L	985.83	161183.92	641855.72
322	73+72.75	78.88' L	985.21	161154.01	641862.88
323	73+74.66	85.03' L	985.37	161160.44	641862.58
324	73+77.00	94.97' L	985.56	161170.58	641861.40
325	73+78.52	105.10' L	985.77	161180.62	641859.38
326	73+78.72	113.18' L	986.05	161188.29	641856.82

SUMMIT-BLACKWOOD N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
190	74+09.22	86.06' L	986.14	161173.17	641894.73
191	74+07.18	100.16' L	986.54	161185.73	641888.02
192	74+07.42	87.79' L	986.19	161174.19	641892.45
193	74+05.97	97.95' L	986.52	161183.24	641887.63
194	73+99.54	84.78' L	985.98	161168.67	641886.07
195	73+97.35	94.64' L	986.09	161177.20	641880.65
196	73+91.92	84.23' L	985.70	161165.56	641879.08
197	73+92.14	94.27' L	985.90	161175.08	641875.87
198	73+90.37	82.30' L	985.64	161163.21	641878.28
199	73+90.68	96.24' L	985.91	161176.44	641873.83
200	73+91.90	83.73' L	986.19	161165.08	641879.23
201	73+92.16	94.78' L	986.41	161175.56	641875.72
202	74+07.50	87.29' L	986.68	161173.74	641892.69
203	74+05.89	98.45' L	987.01	161183.69	641887.38



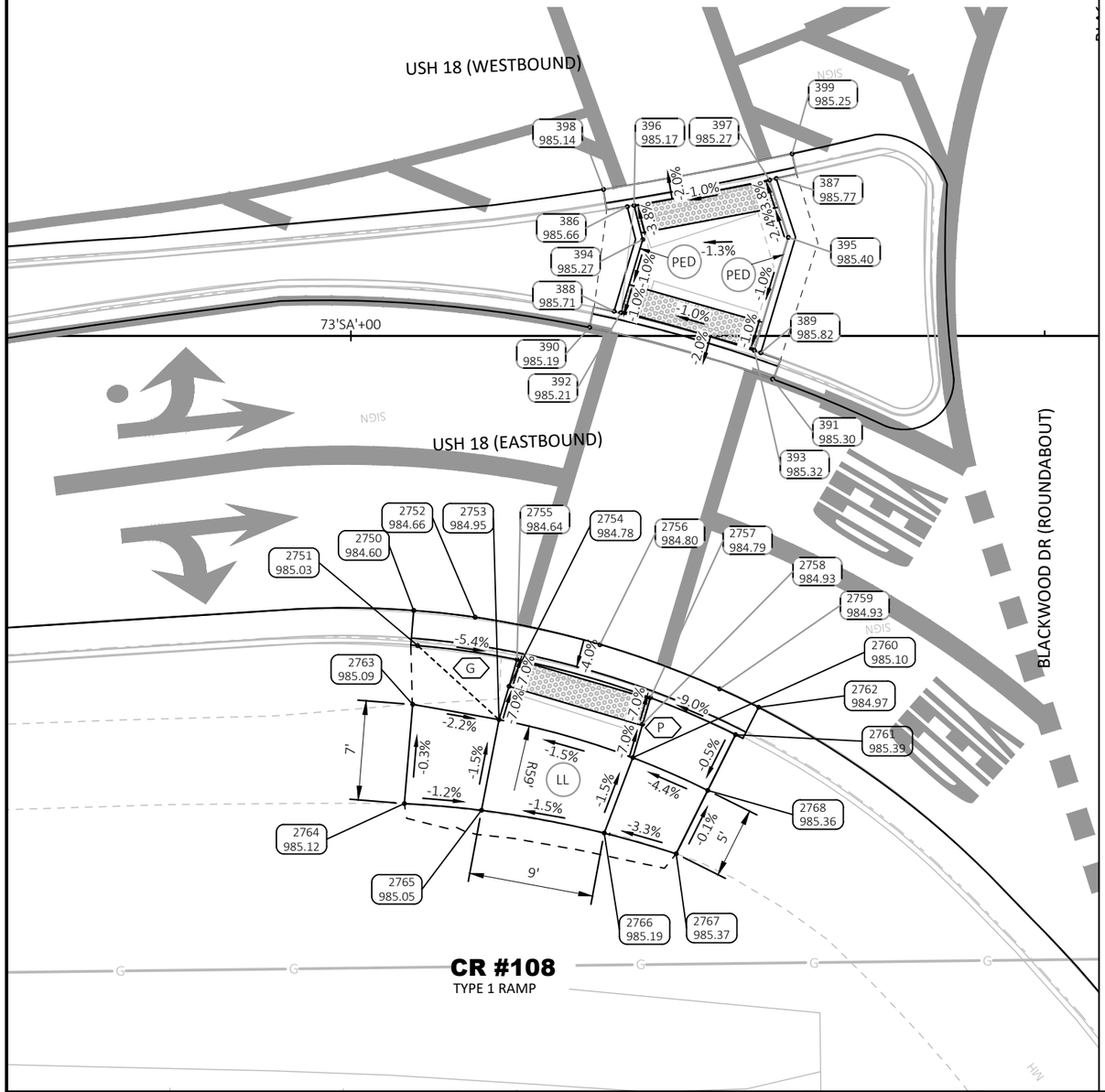
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LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

SUMMIT-BLACKWOOD-W					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2750	73+06.70	29.75' L	984.80	161085.34	641817.48
2751	73+06.49	32.34' L	985.22	161087.70	641816.39
2752	73+10.37	30.81' L	984.85	161087.59	641820.57
2753	73+11.29	33.72' L	984.79	161090.64	641820.45
2754	73+10.65	35.60' L	984.93	161092.18	641819.20
2755	73+17.73	33.25' L	984.94	161092.38	641826.66
2756	73+20.75	36.98' L	984.91	161096.92	641828.23
2757	73+20.11	38.85' L	985.05	161098.45	641826.99
2758	73+24.95	35.90' L	985.03	161097.33	641832.55
2759	73+26.55	36.55' L	985.05	161098.49	641833.83
2760	72+98.57	40.03' L	985.28	161092.24	641806.33
2761	73+03.41	41.29' L	985.39	161095.07	641810.46
2762	72+95.96	47.64' L	985.26	161098.50	641801.30
2763	73+00.81	48.87' L	985.51	161101.32	641805.43
2764	73+05.61	50.27' L	985.57	161104.26	641809.48
2765	73+08.21	42.70' L	985.45	161098.03	641814.50
2766	73+17.67	45.94' L	985.57	161104.30	641822.28
2767	73+15.07	53.51' L	985.69	161110.53	641817.27
2768	73+19.72	55.36' L	985.77	161113.85	641821.01
2769	73+24.31	57.36' L	985.74	161117.29	641824.64
2770	73+25.41	38.78' L	985.46	161100.20	641832.00
2771	73+22.32	47.78' L	985.65	161107.61	641826.03
2772	73+26.91	49.76' L	985.59	161111.04	641829.68

SUMMIT-BLACKWOOD W MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
386	73+19.92	9.32' L	985.66	161070.62	641836.86
387	73+30.66	11.35' L	985.77	161076.18	641846.26
388	73+18.97	1.78' L	985.71	161063.21	641838.53
389	73+29.54	1.22' R	985.82	161063.99	641849.49
390	73+17.19	0.61' L	985.19	161061.51	641837.26
391	73+30.39	3.11' R	985.30	161062.50	641850.93
392	73+19.45	1.66' L	985.21	161063.26	641839.02
393	73+29.07	1.05' R	985.32	161063.99	641849.00
394	73+21.03	6.95' L	985.27	161068.77	641838.71
395	73+31.52	7.10' L	985.40	161072.49	641848.52
396	73+20.41	9.41' L	985.17	161070.87	641837.29
397	73+30.16	11.24' L	985.27	161075.92	641845.84
398	73+18.20	10.56' L	985.14	161071.21	641834.82
399	73+31.80	13.13' L	985.25	161078.25	641846.74



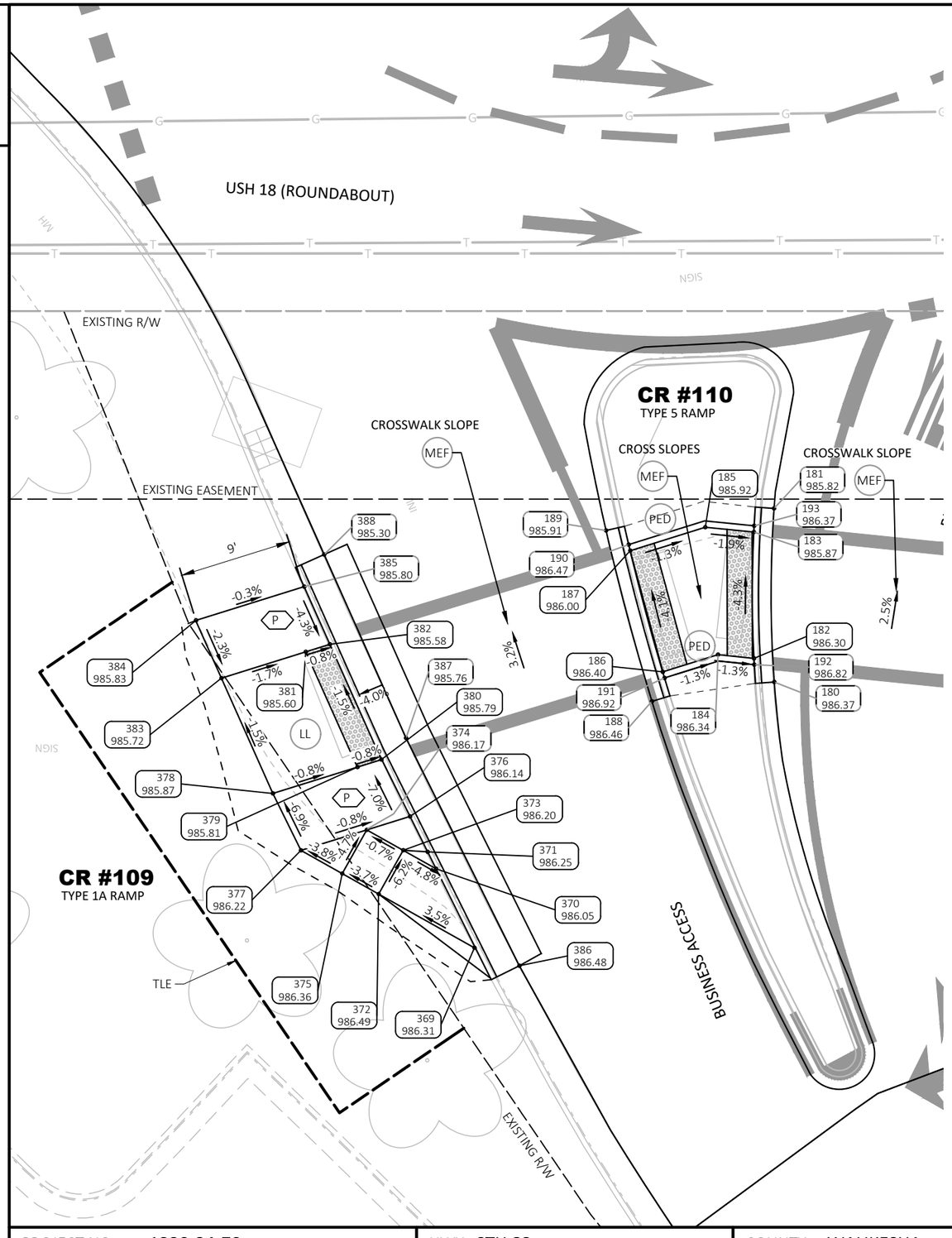
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES AND LENGTHS AND MATCH POINTS TO PRIOR RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATION TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

N

SUMMIT-ACCESS RD W					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2750	73+04.52	19.79' R	984.60	161038.01	641832.28
2751	73+04.80	22.32' R	985.03	161035.73	641833.41
2752	73+08.95	20.28' R	984.66	161039.06	641836.61
2753	73+10.67	27.66' R	984.95	161032.70	641840.75
2754	73+11.39	25.26' R	984.78	161035.21	641840.60
2755	73+11.97	23.33' R	984.64	161037.21	641840.49
2756	73+17.94	22.26' R	984.80	161040.26	641845.74
2757	73+21.59	26.08' R	984.79	161037.90	641850.47
2758	73+21.01	27.99' R	984.93	161035.91	641850.58
2759	73+26.57	25.44' R	984.93	161040.20	641854.94
2760	73+20.31	30.40' R	985.10	161033.41	641850.74
2761	73+27.72	28.74' R	985.39	161037.48	641857.14
2762	73+29.38	26.77' R	984.97	161039.91	641858.04
2763	73+04.45	26.56' R	985.09	161031.62	641834.52
2764	73+03.85	33.71' R	985.12	161024.69	641836.39
2765	73+09.41	34.19' R	985.05	161026.13	641841.78
2766	73+18.25	35.84' R	985.19	161027.59	641850.66
2767	73+23.44	37.33' R	985.37	161027.95	641856.04
2768	73+25.72	32.76' R	985.36	161033.03	641856.63



NOTES:
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3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID / ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

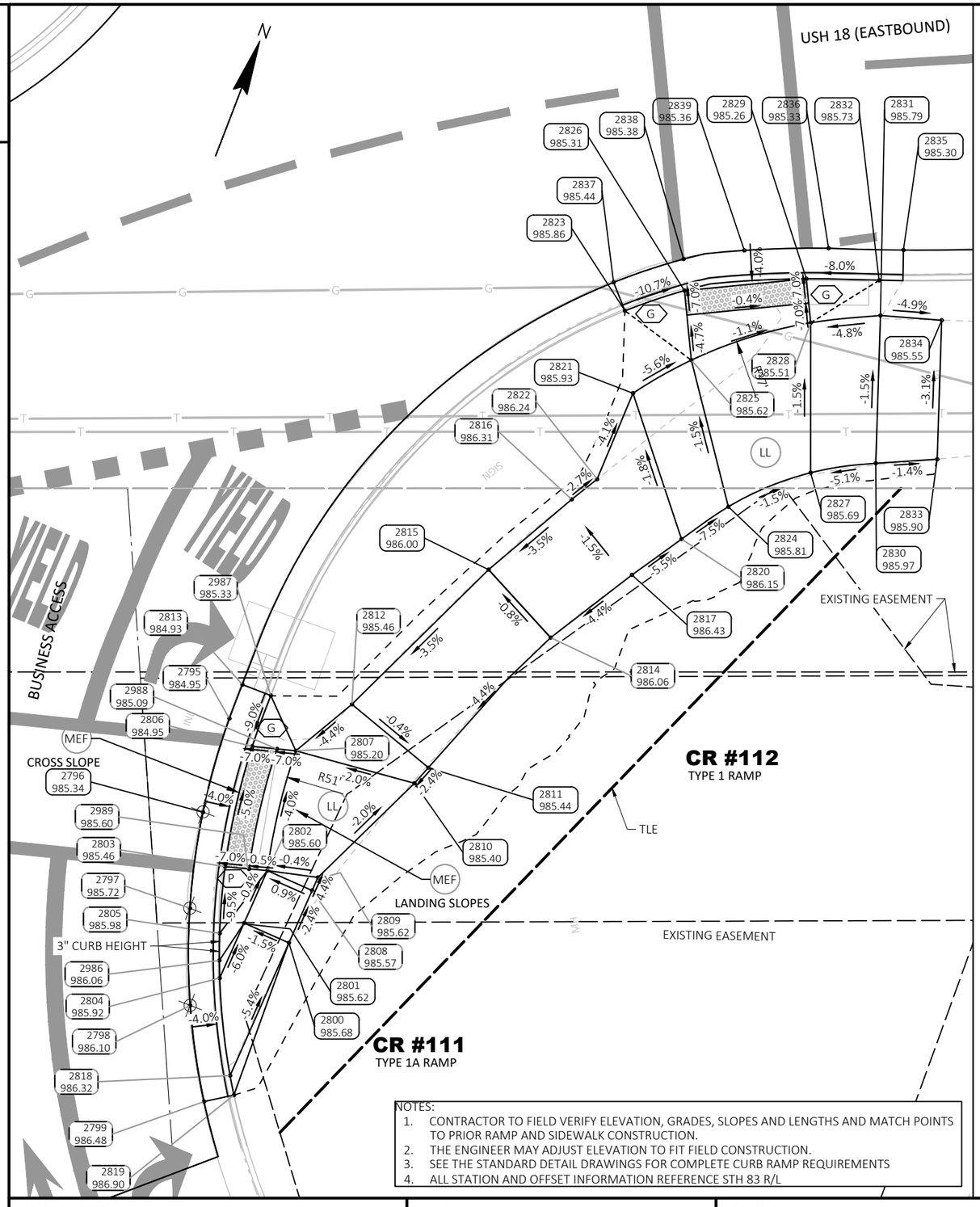
N

SUMMIT-ACCESS RD SW

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
369	73+83.53	110.78' R	986.31	160979.33	641937.53
370	73+80.47	104.47' R	986.05	160984.22	641932.51
371	73+79.80	103.13' R	986.25	160985.25	641931.42
372	73+75.89	106.49' R	986.49	160980.76	641928.88
373	73+77.84	103.00' R	986.20	160984.71	641929.54
374	73+74.94	101.37' R	986.17	160985.25	641926.25
375	73+72.98	104.86' R	986.36	160981.31	641925.60
376	73+78.39	100.30' R	986.14	160987.44	641929.13
377	73+69.69	103.01' R	986.22	160981.92	641921.87
378	73+67.45	98.47' R	985.87	160985.43	641918.22
379	73+74.20	96.37' R	985.81	160989.71	641923.85
380	73+76.11	95.77' R	985.79	160990.91	641925.44
381	73+70.08	87.18' R	985.60	160996.95	641916.85
382	73+72.00	86.58' R	985.58	160998.16	641918.45
383	73+63.35	89.27' R	985.72	160992.68	641911.24
384	73+61.31	84.67' R	985.83	160996.32	641907.76
385	73+69.95	81.98' R	985.80	161001.79	641914.96
386	1538+57.39	566.27' L	986.48	160979.20	641941.38
387	1539+02.65	581.61' L	985.76	160993.20	641926.71
388	1539+44.53	592.67' L	985.30	161004.74	641915.59

SUMMIT-ACCESS RD S MEDIAN

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
180	74+07.45	89.59' R	986.37	161007.39	641952.81
181	74+07.43	75.74' R	985.82	161020.41	641948.08
182	74+05.83	87.70' R	986.30	161008.62	641950.65
183	74+05.82	77.63' R	985.87	161018.08	641947.21
184	74+02.96	87.40' R	986.34	161007.92	641947.85
185	74+01.95	77.24' R	985.92	161017.13	641943.44
186	73+98.55	88.78' R	986.40	161005.13	641944.17
187	73+95.96	79.11' R	986.00	161013.33	641938.45
188	73+97.69	91.13' R	986.46	161002.62	641944.16
189	73+94.03	77.50' R	985.91	161014.19	641936.09
190	73+95.83	78.63' R	986.47	161013.75	641938.16
191	73+98.70	89.26' R	986.92	161004.73	641944.47
192	74+05.85	88.20' R	986.82	161008.15	641950.84
193	74+05.84	77.13' R	986.37	161018.56	641947.07



NOTES:
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3. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 83 R/L

LEGEND

X	CURB RAMP TYPE
SWX	CONCRETE SIDEWALK X-INCH
PED	CONCRETE PEDESTRIAN CURB
LL	LEVEL LANDING
G	GRADED FLARE
P	PAVED FLARE
ID ELEV	POINT ID/ELEVATION
	SLOPE INTERCEPT

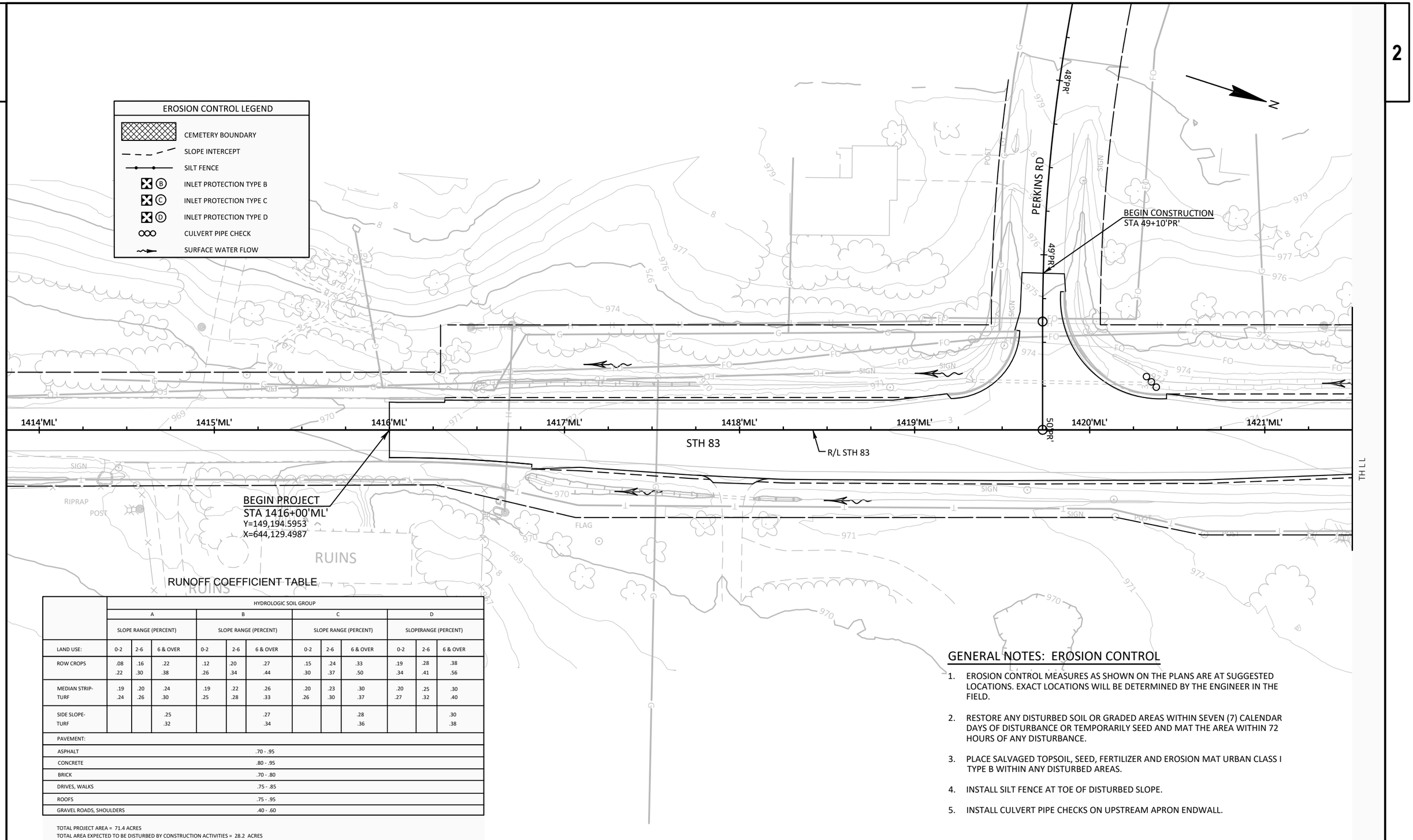
RADIAL WARNING FIELD PANEL LAYOUT TABLE				
QUADRANT	BACK OF CURB RADIUS	LANDING LENGTH 'XR'	RADIAL WARNING FIELD AREA	RADIAL LONG CHORD
SOUTHEAST	55.5 FT	3.29 FT	19.88 SF	10.07 FT

SUMMIT-ACCESS RD SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2795	74+37.18	78.80' R	984.95	161027.65	641977.10
2796	74+35.02	86.46' R	985.34	161019.71	641977.68
2797	74+33.96	94.30' R	985.72	161011.98	641979.34
2798	74+33.98	102.24' R	986.10	161004.52	641982.07
2799	74+35.11	110.09' R	986.48	160997.52	641985.80
2800	74+42.04	97.13' R	985.68	161012.07	641987.91
2801	74+38.39	95.51' R	985.62	161012.35	641983.92
2802	74+40.28	91.23' R	985.60	161017.02	641984.25
2803	74+36.84	90.90' R	985.46	161016.15	641980.90
2804	74+36.39	100.01' R	985.92	161007.44	641983.58
2805	74+36.39	96.35' R	985.98	161010.88	641982.33
2806	74+39.04	81.08' R	984.95	161026.14	641979.63
2807	74+42.61	81.44' R	985.20	161027.01	641983.11
2808	74+43.94	92.85' R	985.57	161016.74	641988.24
2809	74+44.41	91.78' R	985.62	161017.90	641988.32
2810	74+52.30	84.09' R	985.40	161027.82	641993.12
2811	74+53.43	82.83' R	985.44	161029.39	641993.75
2812	74+47.19	77.65' R	985.46	161032.14	641986.12
2813	74+38.25	76.03' R	984.93	161030.62	641977.17
2814	74+63.42	72.20' R	986.06	161042.78	641999.54
2815	74+58.36	66.65' R	986.00	161046.28	641992.88
2816	74+65.14	60.91' R	986.31	161053.98	641997.31
2817	74+70.06	67.08' R	986.43	161049.86	642004.04
2818	74+37.24	107.97' R	986.32	161000.24	641987.08
2819	74+37.55	109.56' R	986.90	160998.85	641987.92
2986	74+36.36	98.56' R	986.06	161008.79	641983.06
2987	74+40.56	76.92' R	985.33	161030.56	641979.65
2988	74+41.08	81.29' R	985.09	161026.63	641981.61
2989	74+38.79	91.09' R	985.60	161016.64	641982.80

SUMMIT-ACCESS RD E					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2820	74+74.12	64.15' R	986.15	161053.99	642006.85
2821	74+70.15	52.24' R	985.93	161063.84	641999.07
2822	74+67.22	59.26' R	986.24	161056.24	641998.70
2823	74+69.49	45.50' R	985.86	161069.95	641996.16
2824	74+77.93	61.51' R	985.81	161057.77	642009.54
2825	74+74.91	49.54' R	985.62	161068.00	642002.63
2826	74+74.35	43.86' R	985.31	161073.15	642000.17
2827	74+84.66	58.73' R	985.69	161062.67	642014.92
2828	74+84.66	46.48' R	985.51	161074.19	642010.76
2829	74+84.31	42.89' R	985.26	161077.45	642009.20
2830	74+89.98	57.96' R	985.97	161065.21	642019.66
2831	74+90.36	45.89' R	985.79	161076.69	642015.91
2832	74+90.25	43.02' R	985.73	161079.35	642014.84
2833	74+94.99	57.63' R	985.90	161067.23	642024.27
2834	74+95.36	46.28' R	985.55	161078.02	642020.75
2835	74+92.23	40.55' R	985.30	161082.35	642015.86
2836	74+86.12	40.40' R	985.33	161080.41	642010.06
2837	74+68.56	43.18' R	985.44	161071.82	641994.50
2838	74+74.28	41.28' R	985.38	161075.55	641999.23
2839	74+79.24	40.58' R	985.36	161077.90	642003.65

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 94	E

2



RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPERANGE (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 = 71.4 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 28.2 ACRES

GENERAL NOTES: EROSION CONTROL

1. EROSION CONTROL MEASURES AS SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. RESTORE ANY DISTURBED SOIL OR GRADED AREAS WITHIN SEVEN (7) CALENDAR DAYS OF DISTURBANCE OR TEMPORARILY SEED AND MAT THE AREA WITHIN 72 HOURS OF ANY DISTURBANCE.
3. PLACE SALVAGED TOPSOIL, SEED, FERTILIZER AND EROSION MAT URBAN CLASS I TYPE B WITHIN ANY DISTURBED AREAS.
4. INSTALL SILT FENCE AT TOE OF DISTURBED SLOPE.
5. INSTALL CULVERT PIPE CHECKS ON UPSTREAM APRON ENDWALL.

2

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

1422'ML' 1423'ML' 1424'ML' 1425'ML' 1426'ML' 1427'ML' 1428'ML' 1429

STH 83

R/L STH 83

TH L L

TH L L

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 96 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:38 PM PLOT BY : SEH LAYOUT NAME : 02 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

'ML' 1430'ML' 1431'ML' 1432'ML' 1433'ML' 1434'ML' 1435'ML' 1436'ML'

R/L STH 83

STH 83

TH L L

TH L 3L

51'LD'

52'LD'

LONDON DR

END CONSTRUCTION
STA 51+56'LD'

SIGN

POST

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 97 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:38 PM PLOT BY : SEH LAYOUT NAME : 03 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

1437'ML' 1438'ML' 1439'ML' 1440'ML' 1441'ML' 1442'ML' 1443'ML' 1444

STH 83

R/L STH 83

TH L 3L

TH L L

POST SIGN SIGN SIGN SIGN

RIPRA

FO G H L 88 8 83 990 991 996

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 98	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:38 PM PLOT BY : SEH LAYOUT NAME : 04 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

1445'ML'

1446'ML'

R/L STH 83

1447'ML'

1448'ML'

1449'ML'

1450'ML'

STH 83

TH L L

HARVEST DR

51'HV'

52'HV'

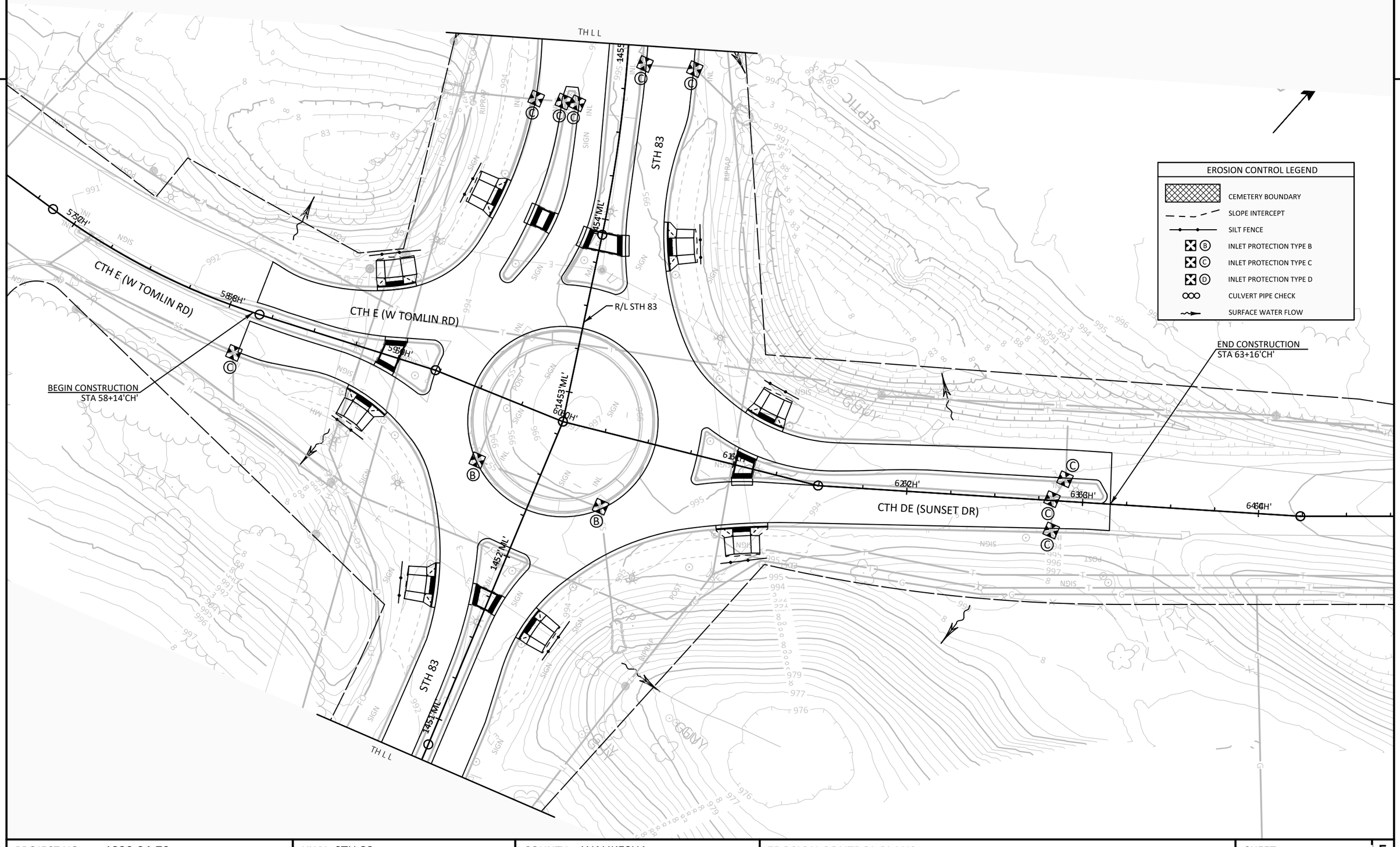
END CONSTRUCTION
STA 51+58'HV'

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 99 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:38 PM PLOT BY : SEH LAYOUT NAME : 05 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 100	E

2

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- Ⓑ INLET PROTECTION TYPE B
- Ⓒ INLET PROTECTION TYPE C
- Ⓓ INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

'ML'
1456'ML'
1457'ML'
1458'ML'
1459'ML'
1460'ML'
1461'ML'
1462'ML'

STH 83

R/L STH 83

TH L L

TH L L

RIPRAP

POST

SIGN

INL

FO

G

H

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 101	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:39 PM PLOT BY : SEH LAYOUT NAME : 07 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

EXISTING DETENTION POND

EXISTING DETENTION POND

1463'ML'

1464'ML'

1465'ML'

1466'ML'

1467'ML'

1468'ML'

1469'ML'

R/L STH 83

STH 83

TH L L

TH L L

RIPRAP

RIPRAP

RIPRAP

POST

POST

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 102 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:39 PM PLOT BY : SEH LAYOUT NAME : 08 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

BEGIN CONSTRUCTION
STA 48+10'PC'

48'PC'

49'PC'

PORT HAMEL CT

1470'ML'

1471'ML'

1472'ML'

1473'ML'

1474'ML'

1475'ML'

1476'ML'

R/L STH 83

STH 83

TH L L

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 103	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:39 PM PLOT BY : SEH LAYOUT NAME : 09 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

BEGIN CONSTRUCTION
STA 46+49'BR'

47'BR'

48'BR'

49'BR'

W BRANDYBROOK RD

'ML' 1478'ML' 1479'ML' 1480'ML' 1481'ML' 1482'ML' 1483'ML' 1484'ML'

STH 83

R/L STH 83

TH L L

TH L 8L

R-67-104 TO REMAIN
(NO WORK)

BWK-0003 (JERUSALEM UNITED PRESBYTERIAN CEMETERY) - CATALOGUED

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 104 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:39 PM PLOT BY : SEH LAYOUT NAME : 10 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

BWK-0004 (SALEM CEMETERY) - UN-CATALOGUED

BWK-0004 (SALEM CEMETERY) - CATALOGUED

BWK-0003 (JERUSALEM UNITED PRESBYTERIAN CEMETERY) - CATALOGUED

BWK-0003 (JERUSALEM UNITED PRESBYTERIAN CEMETERY) - UN-CATALOGUED

TH L 8L

TH L L

1485'ML'

1486'ML'

1487'ML'

1488'ML'

1489'ML'

1490'ML'

1491'ML'

1492

R/L STH 83

STH 83

50'BB'

51'BB'

52'BB'

53'BB'

S BRANDYBROOK RD

END CONSTRUCTION
STA 51+63'BB'

EXISTING DETENTION POND

EXISTING DETENTION POND

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 105	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:39 PM PLOT BY : SEH LAYOUT NAME : 11 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

BWK-0004 (SALEM CEMETERY) - CATALOGUED

1493'ML'

1494'ML'

1495'ML'

1496'ML'

1497'ML'

1498'ML'

1499'ML'

STH 83 (S WALES RD)

TH L L

EXISTING DETENTION POND

BWK-0003 (JERUSALEM UNITED PRESBYTERIAN CEMETERY) - UN-CATALOGUED

FLAG

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 106	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:40 PM PLOT BY : SEH LAYOUT NAME : 12 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

S WELSH RD

49'WR'

50'WR'

BEGIN CONSTRUCTION
STA 49+43'WR'

1500'ML'

1501'ML'

1502'ML'

1503'ML'

1504'ML'

1505'ML'

1506'ML'

STH 83 (S WALES RD)

TH L L

51'RW'

END CONSTRUCTION
STA 51+27'RW'

E WELSH RD

52'RW'

R-67-103 TO REMAIN
(NO WORK)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 107 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:40 PM PLOT BY : SEH LAYOUT NAME : 13 PLOT SCALE : 1.0 IN = 50.0 FT

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

EXISTING DETENTION POND

R-67-102 TO REMAIN (NO WORK)

BENTON CT

49'BT'

BEGIN CONSTRUCTION STA 49+40'BT'

STH 83 (S WALES RD)

1508'ML'

1509'ML'

1510'ML'

50'BT'

1511'ML'

R/L STH 83

1512'ML'

1513'ML'

1514'ML'

STH 83 (S WALES RD)

TH L L

W SOUTH ST

51'ST'

52'ST'

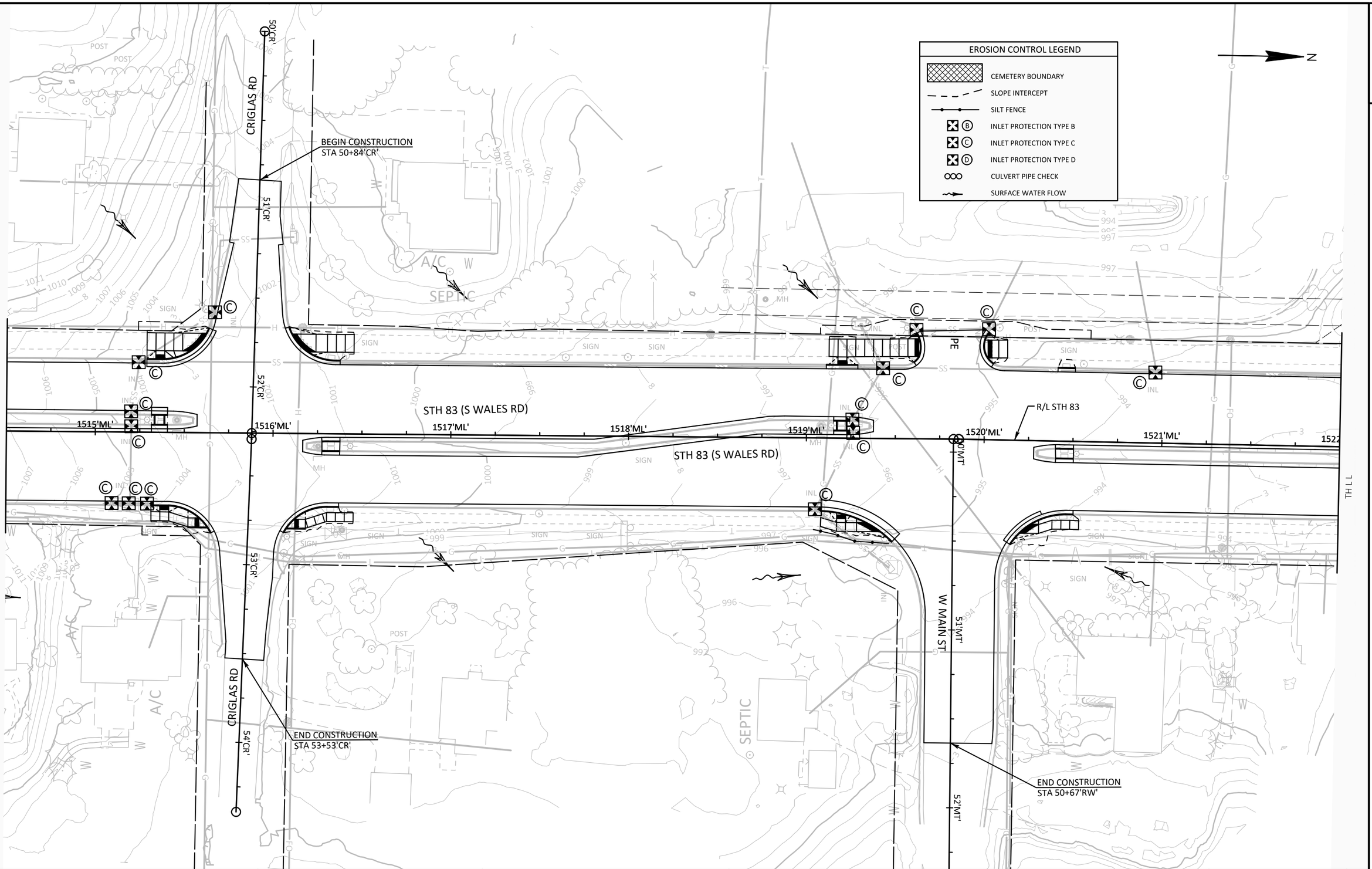
END CONSTRUCTION STA 50+67'RW'

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 108 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:40 PM PLOT BY : SEH LAYOUT NAME : 14 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 109 E

2

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

EXISTING DETENTION POND

CYMRIC CT

48'CC'

49'CC'

BEGIN CONSTRUCTION
STA 49+25'CC'

'ML'

1523'ML'

1524'ML'

1525'ML'

1526'ML'

1527'ML'

1528'ML'

1529'ML'

STH 83 (S WALES RD)

R/L STH 83

TH L L

TH L L

RIPRAP

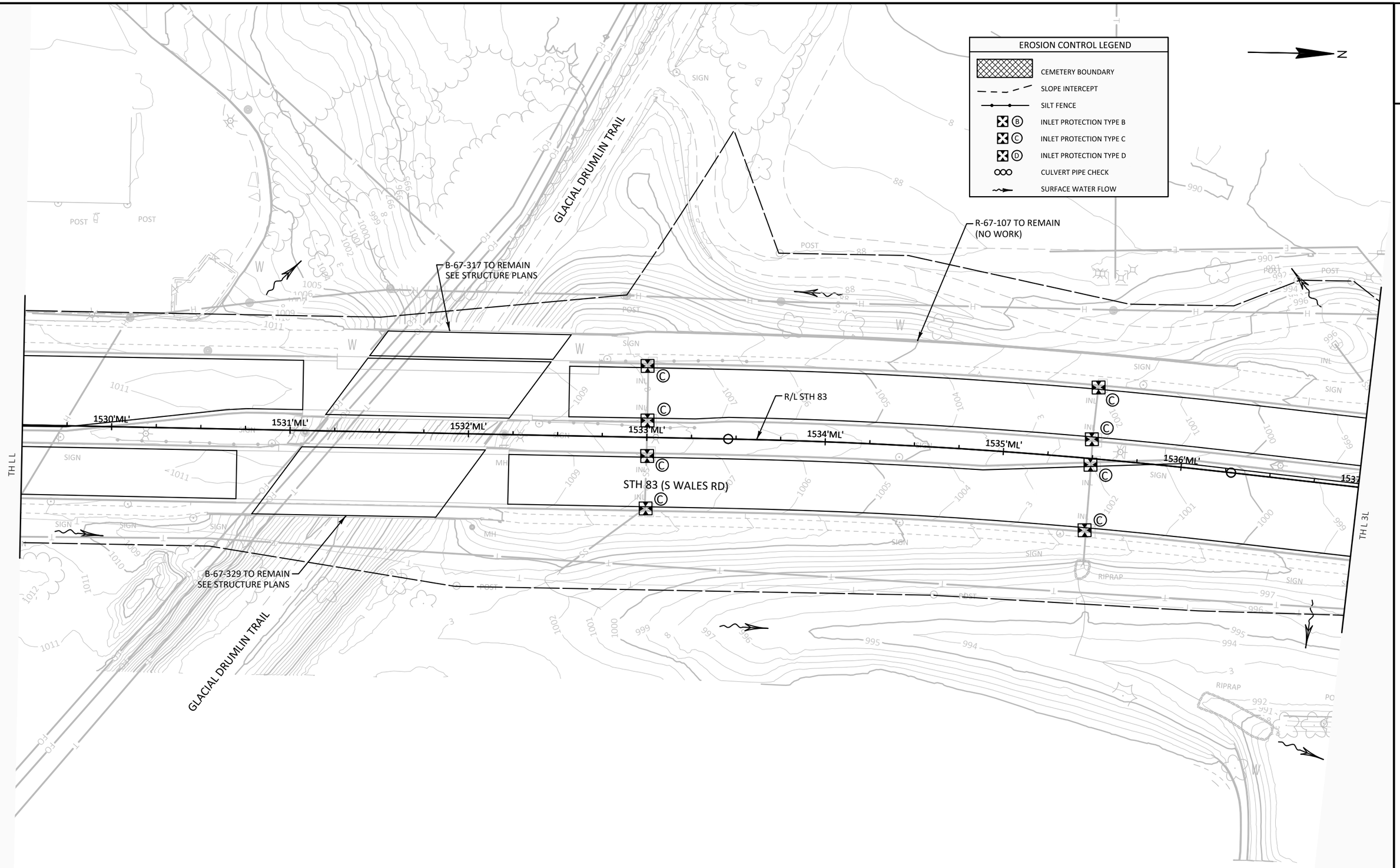
FILLER CAP

CANOPY

N

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 110 E

2

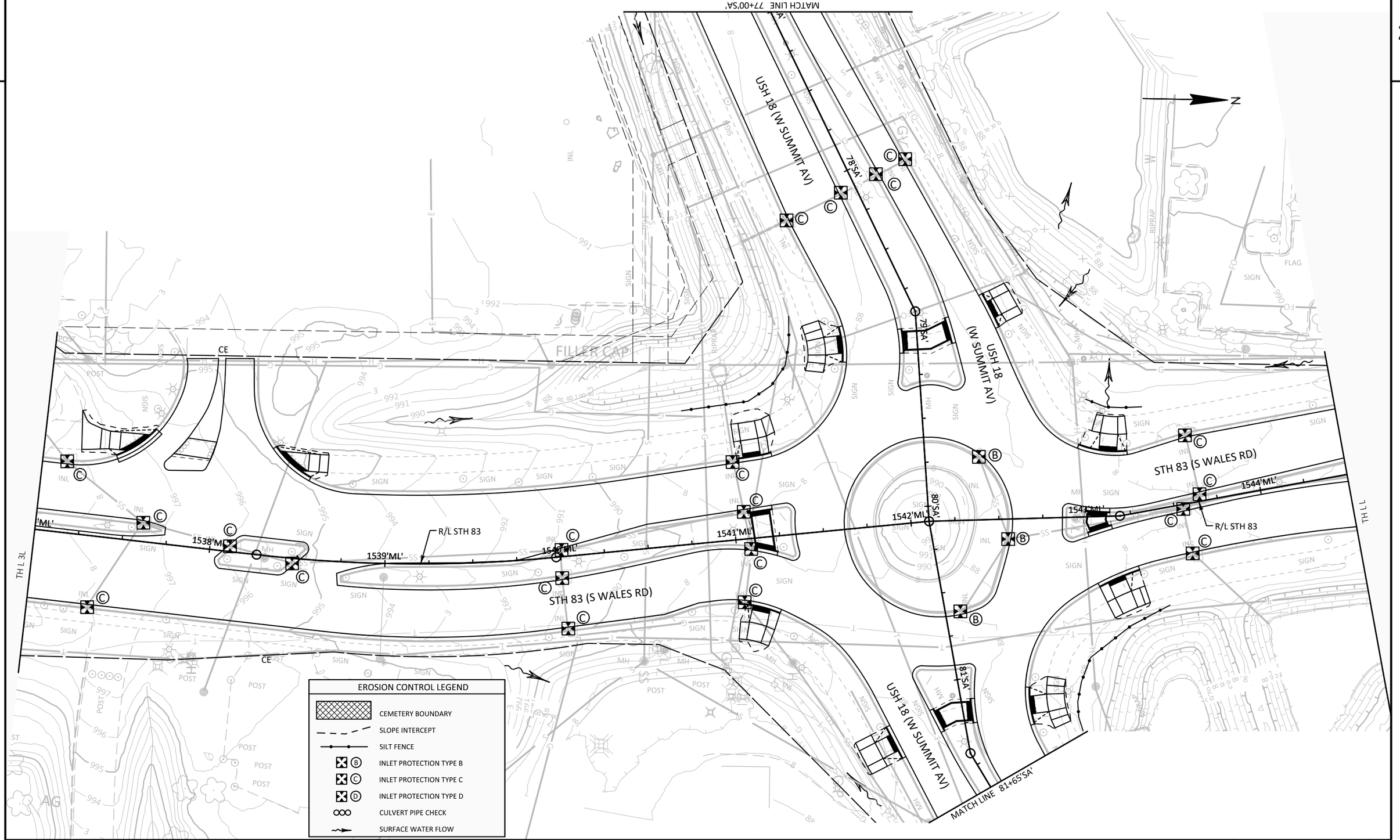


PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 111 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:40 PM PLOT BY : SEH LAYOUT NAME : 17 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 112 E

2

N

NEWPORT DR

STH 83 (S WALES RD)

R/L STH 83

1545'ML'

1546'ML'

1547'ML'

1548'ML'

1549'ML'

1550'ML'

1551'ML'

TH L L

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 113 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:41 PM PLOT BY : SEH LAYOUT NAME : 19 PLOT SCALE : 1.0 IN = 50.0 FT

2

EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

HIGH MEADOW CIR

48'HM'

49'HM'

50'HM'

51'HM'

52'HM'

BEGIN CONSTRUCTION
STA 49+14'HM'

STH 83 (S WALES RD)

TH L L

1552'ML'

1553'ML'

1554'ML'

1555'ML'

1556'ML'

1557'ML'

1558'ML'

R/L STH 83

HIGH MEADOW LN

END CONSTRUCTION
STA 52+03'HM'

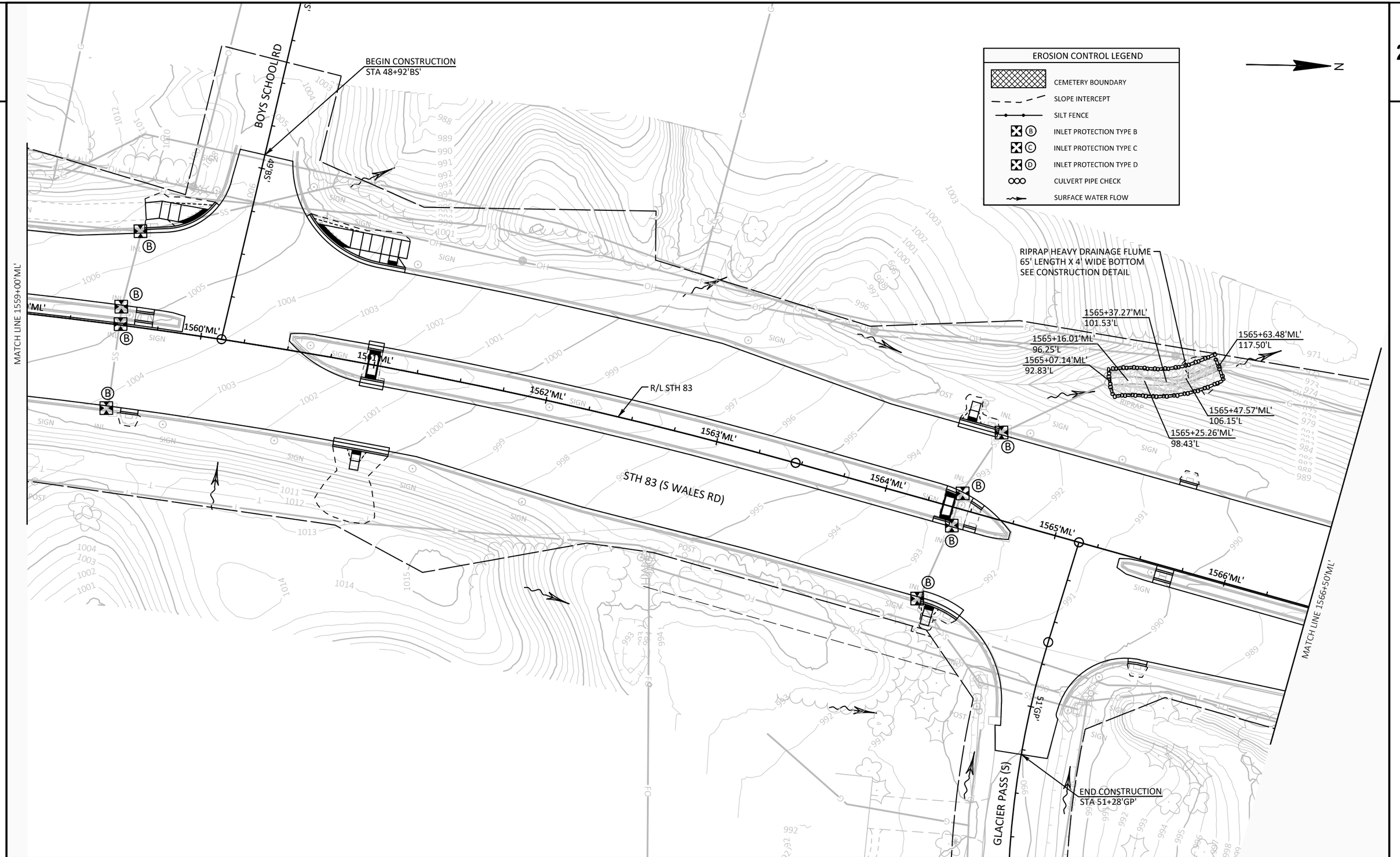
SLAB

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 114 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:41 PM PLOT BY : SEH LAYOUT NAME : 20 PLOT SCALE : 1.0 IN = 50.0 FT

2

2

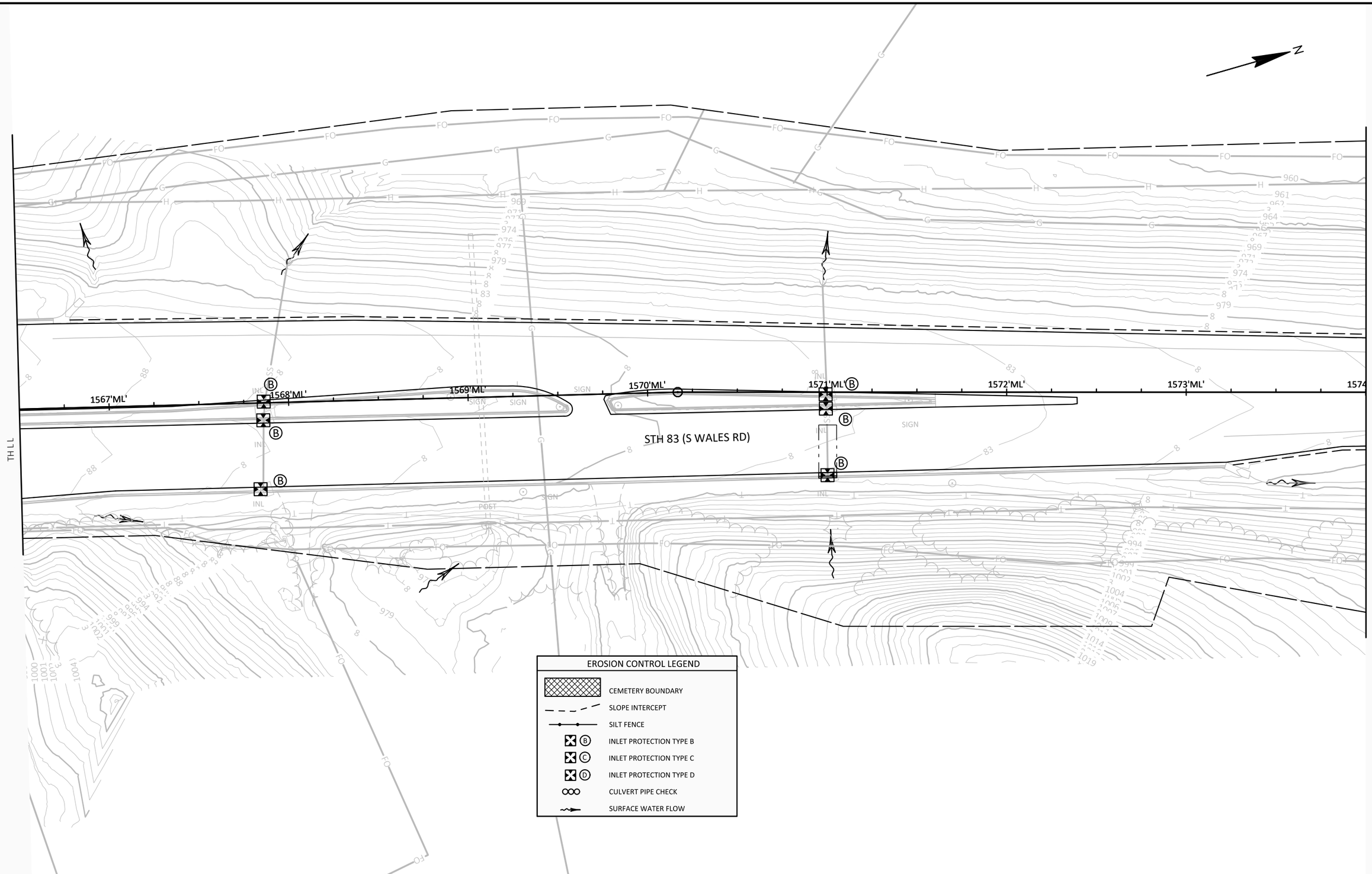


PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 115 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/29/2025 9:44 AM PLOT BY : SEH LAYOUT NAME : 21 PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2

2



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 116 E

2

2

N

RIPRAP

POST

POST

SIGN

SIGN

1575'ML'

1576'ML'

1577'ML'

1578'ML'

1579'ML'

1580'ML'

1581'ML'

STH 83 (S WALES RD)

TH L L

TH L 8L

961

962

964

969

970

971

972

974

975

976

977

979

994

996

FO

H

G

T

EROSION CONTROL LEGEND

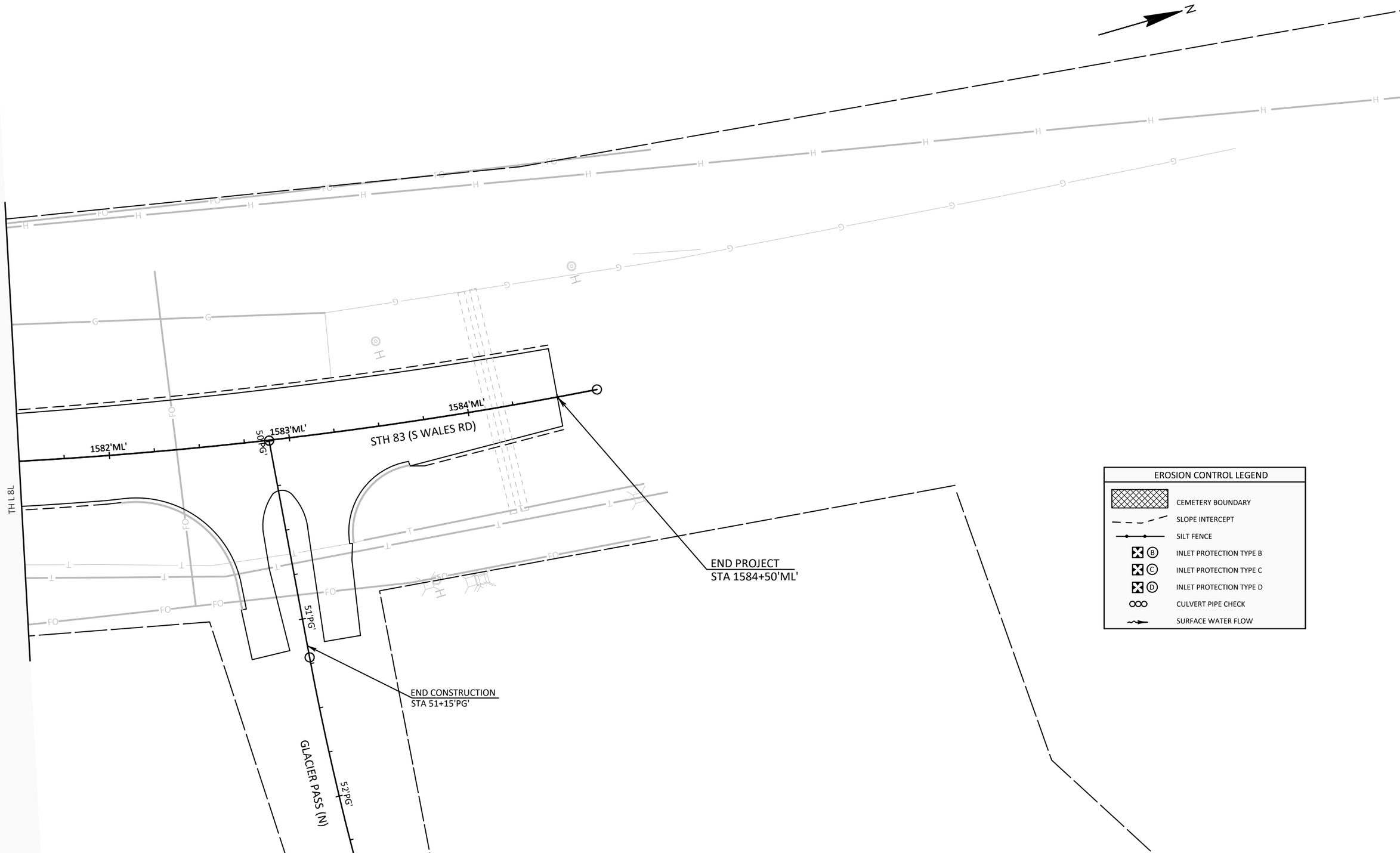
- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 117 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:41 PM PLOT BY : SEH LAYOUT NAME : 23 PLOT SCALE : 1.0 IN = 50.0 FT

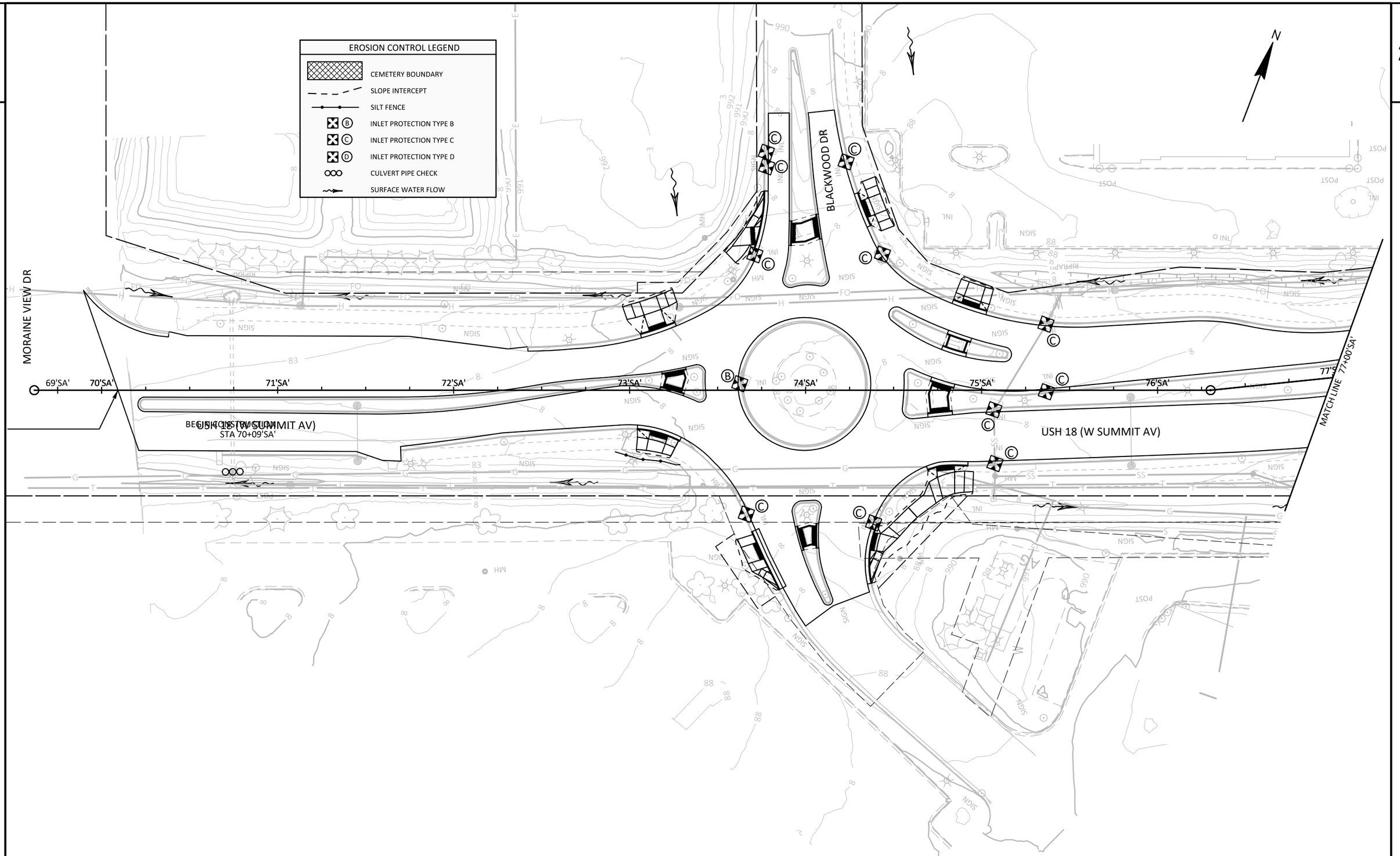
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 118 E

2



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 119 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022001-ec (Erosion Control Plans).dwg PLOT DATE : 4/28/2025 5:42 PM PLOT BY : SEH LAYOUT NAME : 25 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

2

N

82'SA'

83'SA'

84'SA'

85'SA'

86'SA'

87'SA'

88'SA'

MATCH LINE 81+65'SA'

USH 18 (W SUMMIT AV)

USH 18 (W SUMMIT AV)

END CONSTRUCTION
STA 87+06'SA'

LINCOLNSHIRE PL

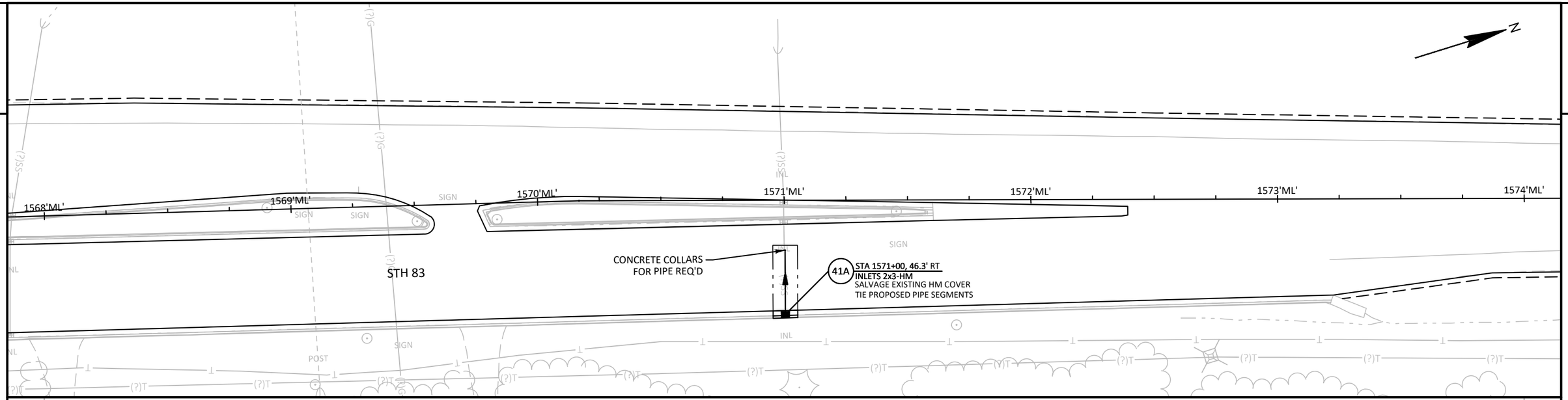
SEPTIC

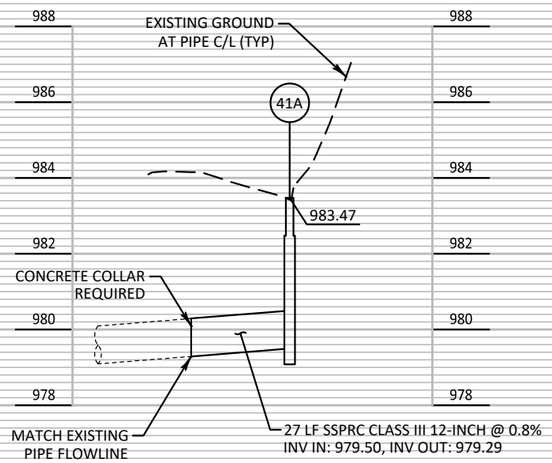
EROSION CONTROL LEGEND

- CEMETERY BOUNDARY
- SLOPE INTERCEPT
- SILT FENCE
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	EROSION CONTROL PLANS	SHEET 120	E

2





PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	STORM SEWER DETAILS	SHEET 121 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\022500_ss (Stm Swr Details).dwg PLOT DATE : 4/29/2025 9:53 AM PLOT BY : SEH LAYOUT NAME : 01 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

GENERAL NOTES:

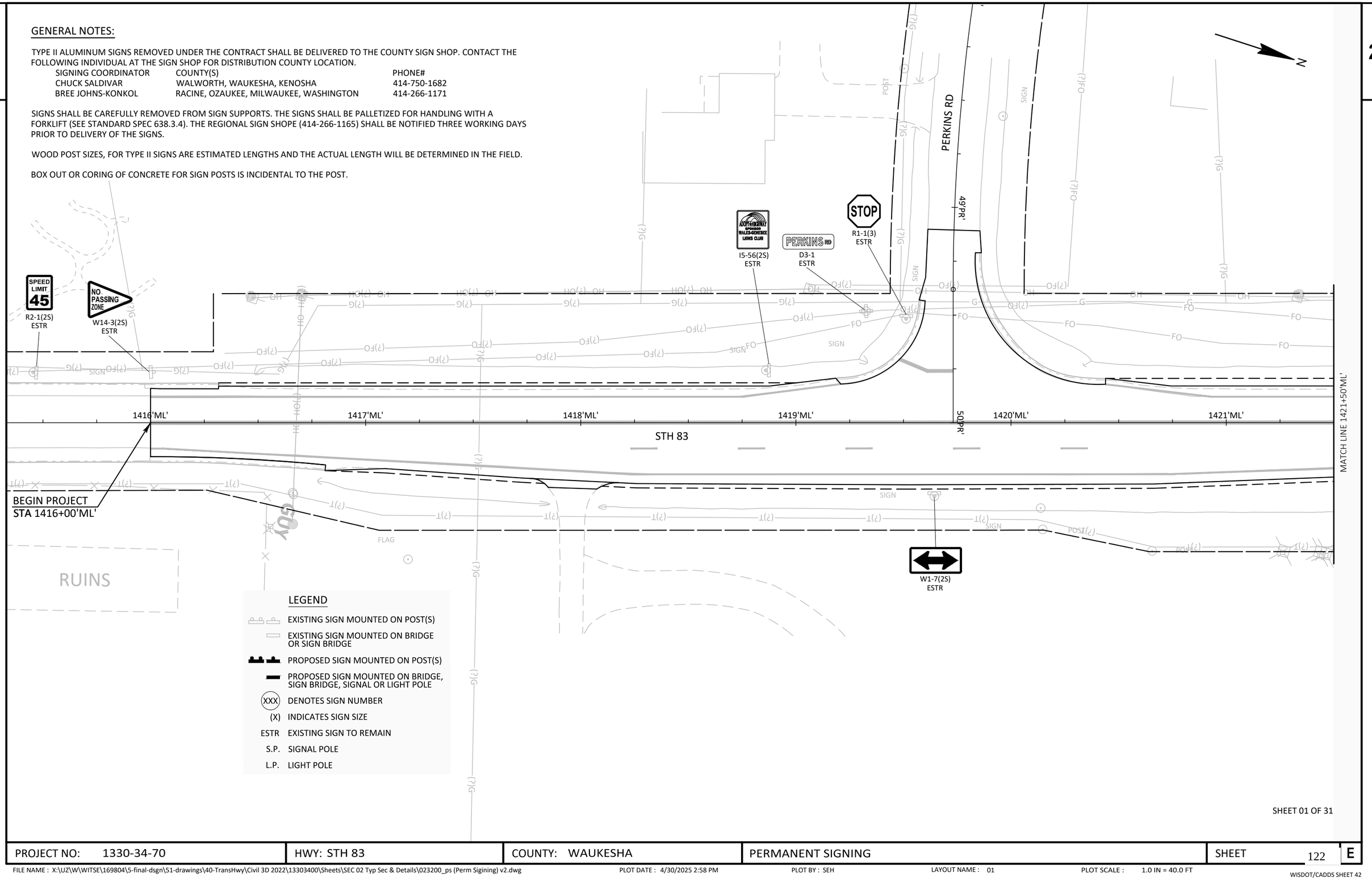
TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE COUNTY SIGN SHOP. CONTACT THE FOLLOWING INDIVIDUAL AT THE SIGN SHOP FOR DISTRIBUTION COUNTY LOCATION.

SIGNING COORDINATOR	COUNTY(S)	PHONE#
CHUCK SALDIVAR	WALWORTH, WAUKESHA, KENOSHA	414-750-1682
BREE JOHNS-KONKOL	RACINE, OZAUKEE, MILWAUKEE, WASHINGTON	414-266-1171

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOPE (414-266-1165) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.

WOOD POST SIZES, FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

BOX OUT OR CORING OF CONCRETE FOR SIGN POSTS IS INCIDENTAL TO THE POST.



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 01 OF 31

2

2

N

MATCH LINE 1421+50'ML'

MATCH LINE 1427+50'ML'

1422'ML'

1423'ML'

1424'ML'

1425'ML'

1426'ML'

1427'ML'

STH 83

GUY

GUY

POST

POST

POST

SIGN

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
XXX	DENOTES SIGN NUMBER
(X)	INDICATES SIGN SIZE
ESTR	EXISTING SIGN TO REMAIN
S.P.	SIGNAL POLE
L.P.	LIGHT POLE

SHEET 02 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 123	E

2

2

N

MATCH LINE 1427+50'ML'

MATCH LINE 1433+50'ML'

1428'ML'

1429'ML'

1430'ML'

1431'ML'

1432'ML'

1433'ML'

STH 83

POST

SIGN

SIGN

POST

POST

RIPRAP

W1-2R(3)
ESTR

W2-2R(3)
ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 03 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 124	E

2

N

W1-7(2S)
ESTR

SIGN

1434'ML'

1435'ML'

1436'ML'

1437'ML'

1438'ML'

1439'ML'

STH 83

MATCH LINE 1433+50'ML'

MATCH LINE 1439+50'ML'

50'LD'

51'LD'

52'LD'

LONDON DR

SPEED LIMIT 45
R2-1(2S)
ESTR

LONDON DR
D3-1
ESTR

STOP
R1-1(3)
ESTR

POST

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
XXX	DENOTES SIGN NUMBER
(X)	INDICATES SIGN SIZE
ESTR	EXISTING SIGN TO REMAIN
S.P.	SIGNAL POLE
L.P.	LIGHT POLE

SHEET 04 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 125 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 2:58 PM PLOT BY : SEH LAYOUT NAME : 04 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

N

SPEED LIMIT 45
R2-1(3)
ESTR

W1-2L(2S)
ESTR

W1-7(2S)
ESTR

MATCH LINE 1439+50'ML'

MATCH LINE 1445+50'ML'

1440'ML' 1441'ML' 1442'ML' 1443'ML' 1444'ML' 1445'ML'

STH 83

SIGN

RIPRAP

JCT COUNTY E / JCT COUNTY DE
J1-2(3)
ESTR

W2-6(2S)
ESTR

15 MPH
W13-1(2S)
ESTR

Harvest View Dr
D3-1
ESTR

STOP
R1-1(3)
ESTR

HARVEST VIEW DR

51'HV

52'HV

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
XXX	DENOTES SIGN NUMBER
(X)	INDICATES SIGN SIZE
ESTR	EXISTING SIGN TO REMAIN
S.P.	SIGNAL POLE
L.P.	LIGHT POLE

SHEET 05 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 126 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 2:58 PM PLOT BY : SEH LAYOUT NAME : 05 PLOT SCALE : 1.0 IN = 40.0 FT

2

N

MATCH LINE 1445+50'ML'

MATCH LINE 1451+00'ML'

1446'ML'

1447'ML'

1448'ML'

1449'ML'

1450'ML'

STH 83

W6-3(3)
ESTR

R5-1(2S)
ESTR

R7-1D(3)
ESTR

R5-1A(2S)
ESTR

J4-1(2S)
ESTR

D1-1
ESTR

W3-2(3)
ESTR

R4-7(2S)
ESTR

W5-54(2S)
ESTR

D1-2
ESTR

R7-1D(3)
ESTR

RIVERGLEN CHRISTIAN CHURCH
ALL SAINTS LUTHERAN CHURCH
ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 06 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 127 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 2:58 PM PLOT BY : SEH LAYOUT NAME : 06 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

MATCH LINE 1451+00'ML'

MATCH LINE 1457+00'ML'

STH 83

CTH E (W TOMLIN RD)

CTH DE (SUNSET DR)

1451'ML'

1452'ML'

1453'ML'

1454'ML'

1455'ML'

1456'ML'

59'CH

60'CH

62'CH

61

73 W11-2(2S) MOVE
73A WF16-7L(2M) MOVE
R1-2(2S)
R6-2R(2S) ESTR
R1-2(2S) TO TRAFFIC FROM LEFT
R1-54(2S) ESTR

65 W11-2(2S) MOVE
65A WF16-7L(2M) MOVE

66 W11-2(2S) MOVE
66A WF16-7L(2M) MOVE
R1-2(2S)
R1-2(2S) TO TRAFFIC FROM LEFT
R1-54(2S) ESTR

68 R1-2(2S) MOVE
68A R6-2R(2S) MOVE

67 W11-2(2S) MOVE
67A WF16-7L(2M) MOVE
W12-1D(2S) ESTR

ALL SAINTS LUTHERAN CHURCH
LUTHERAN CHURCH
HIGHVIEW EV. PRESBY. CHURCH
ESTR

R7-1D(3) ESTR

D1-1 ESTR
D1-2 ESTR
D1-2 ESTR
D1-1 ESTR

72 W11-2(2S) MOVE
72A WF16-7L(2M) MOVE
R1-2(2S)
R6-2R(2S) ESTR
R1-2(2S) TO TRAFFIC FROM LEFT
R1-54(2S) ESTR

R6-1R(2S)
R6-4B(2S) ESTR

71 W11-2(2S) MOVE
71A WF16-7L(2M) MOVE

69 W11-2(2S) MOVE
69A WF16-7L(2M) MOVE

W11-2(2S)
WF16-7R(2M) ESTR ON L.P.

70 W11-2(2S) MOVE
70A WF16-7L(2M) MOVE

R1-2(2S)
R6-2R(2S) ESTR
R1-2(2S) TO TRAFFIC FROM LEFT
R1-54(2S) ESTR

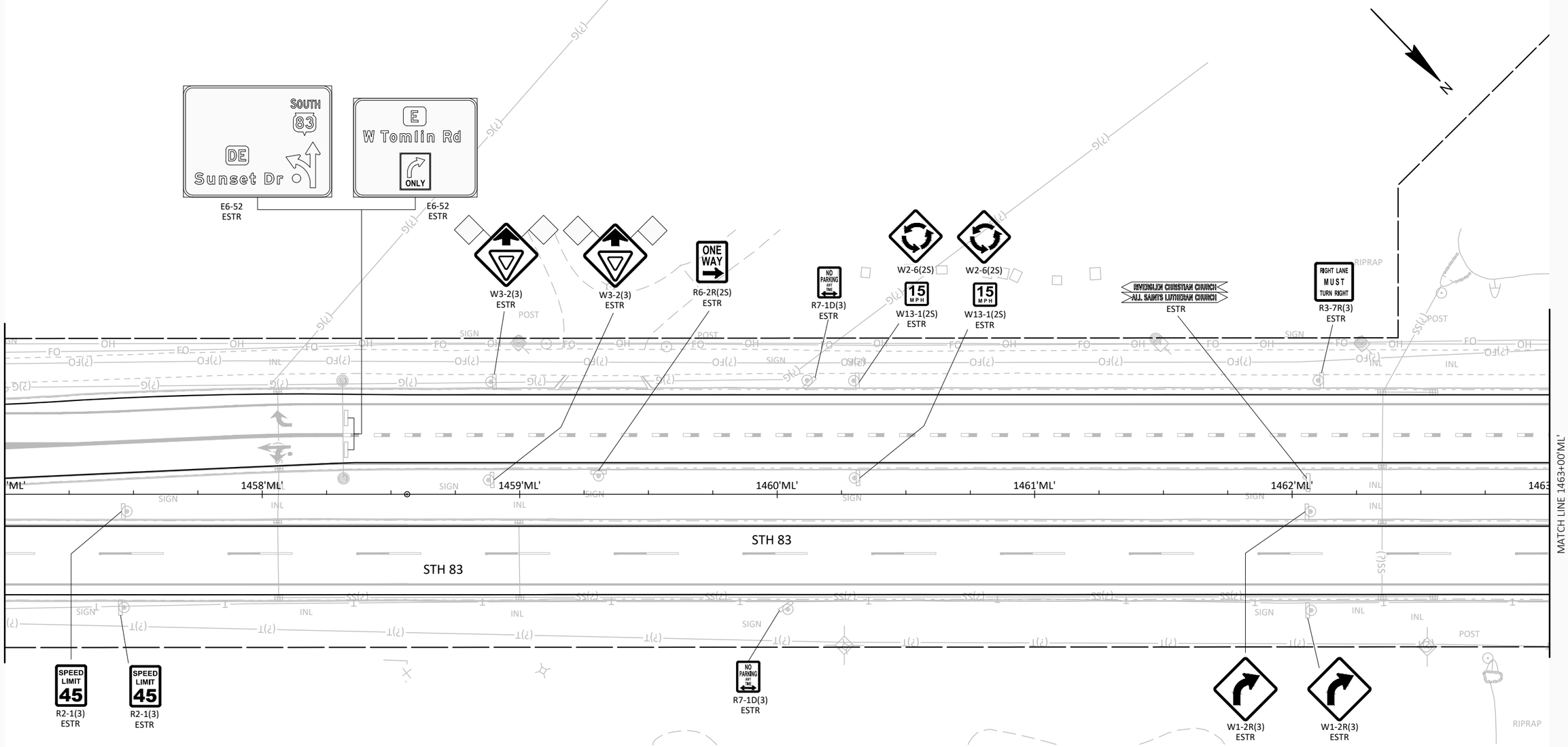
NORTH 83 J4-1(2S) ESTR

SEPTIC

SHEET 07 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 128 E

2



LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
XXX	DENOTES SIGN NUMBER
(X)	INDICATES SIGN SIZE
ESTR	EXISTING SIGN TO REMAIN
S.P.	SIGNAL POLE
L.P.	LIGHT POLE

SHEET 08 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 129 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 2:58 PM PLOT BY : SEH LAYOUT NAME : 08 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1463+00'ML'

'ML'

1464'ML'

1465'ML'

1466'ML'

1467'ML'

1468'ML'

MATCH LINE 1469+00'ML'

STH 83

N

COUNTY E
M1-5A(3)

USE RIGHT LANE
M4-20R(3)
ESTR

COUNTY E
M1-5A(3)

USE RIGHT LANE
M4-20R(3)
ESTR

NO PARKING ANY TIME
R7-1D(3)
ESTR

NO PARKING ANY TIME
R7-1D(3)
ESTR

RIPRAP

GUY

SIGN

INL

HW

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
(XXX)	DENOTES SIGN NUMBER
(X)	INDICATES SIGN SIZE
ESTR	EXISTING SIGN TO REMAIN
S.P.	SIGNAL POLE
L.P.	LIGHT POLE

SHEET 09 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 130	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 2:58 PM PLOT BY : SEH LAYOUT NAME : 09 PLOT SCALE : 1.0 IN = 40.0 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

N

W

48'PC'

49'PC'

PORT HAMEL CT

STOP
R1-1(3)

DIVIDED HIGHWAY
R6-3A(2S)
ESTR

Perthamel CT
D3-1
ESTR

DO NOT ENTER
R5-1(3)
ESTR

RIPRAP

SIGN

POST

JCT
COUNTY DE
COUNTY E
J1-2(3)
ESTR

NO PARKING ANY TIME
R7-1D(3)
ESTR

1470'ML'

1471'ML'

1472'ML'

1473'ML'

1474'ML'

1475

STH 83

GUY

MH

INL

SS

MATCH LINE 1469+00'ML'

MATCH LINE 1475+00'ML'

NO PARKING ANY TIME
R7-1D(3)
ESTR

FIRE TRUCKS ENTERING WHEN FLASHING
W54-60(3)
ESTR
ON S.P.

WRONG WAY
R5-1A(2S)
ESTR

JCT
COUNTY G
J1-2(3)
ESTR

R4-7(3)
ESTR
ON L.P.

ONE WAY
R6-2L(2M)
ESTR

R4-7(3)
ESTR
ON L.P.

SHEET 10 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING SHEET 10 OF 31	SHEET 131 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 2:59 PM PLOT BY : SEH LAYOUT NAME : 10 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

2

N

AG

W

SOUTH 83

R4-7(3) ESTR ON L.P.

R6-2L(2M) ESTR

ONE WAY

R4-7(3) ESTR ON L.P.

WRONG WAY

R5-1A(3) ESTR

W1-2L(3) ESTR

W1-2L(3) ESTR ON L.P.

R4-7(3) ESTR ON L.P.

NO PARKING ANY TIME

R7-1D(3) ESTR

R4-7(3) ESTR ON L.P.

J4-1(2S) ESTR

MATCH LINE 1475+00'ML'

'ML'

1476'ML'

1477'ML'

1478'ML'

1479'ML'

1480'ML'

1481

MATCH LINE 1481+00'ML'

STH 83

SIGN

MH

POST

W Brandybrook Road
NEXT INTERSECTION

D1-2
ESTR

DO NOT ENTER

R5-1(3)
ESTR

NO PARKING ANY TIME

R7-1D(3)
ESTR

COUNTY G

J12-1(3)
ESTR

S Brandybrook Road

D1-2
ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 11 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 132 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 2:59 PM PLOT BY : SEH LAYOUT NAME : 11 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

N

MATCH LINE 1481+00'ML'

1481'ML'

1482'ML'

1483'ML'

1484'ML'

1485'ML'

1486'ML'

MATCH LINE 1487+00'ML'

CTH G (W BRANDYBROOK RD)

48'BR'

49'BR'

50'BB'

51'BB'

STH 83

S BRANDYBROOK RD

NORTH 83 / SOUTH 83
J2-2(3)
ESTR

STOP
R1-1(3)

RIGHT TURN ONLY
R3-53R(2S)
ESTR

FIRE TRUCKS ENTERING
W54-60(3)
ESTR
ON S.P.

STOP
R1-1(3)

DIVIDED HIGHWAY
R6-3A(2S)
ESTR

DO NOT ENTER
R5-1(3)
ESTR

COUNTY G
J12-1(3)
ESTR

WRONG WAY
R1-1A(3)
ESTR

NO PARKING ANY TIME
R7-1D(3)
ESTR

ONE WAY
R6-2L(2M)
ESTR

R4-7(3)
ESTR
ON L.P.

COUNTY G
J12-1(3)
ESTR

W11-2(3)
AHEAD
W16-9P(3)
ESTR

W11-2(3)
AHEAD
W16-9P(3)
ESTR

R4-7(3)
ESTR

ONE WAY
R6-2L(2M)
ESTR

R4-7(3)
ESTR

NO PARKING ANY TIME
R7-1D(3)
ESTR

TO COUNTY G
J2-1(3)
ESTR

NORTH 83
J4-1(2S)
ESTR

DO NOT ENTER
R5-1(3)
ESTR

Brandybrook RD
D3-1
ESTR

STOP
R1-1(3)

DIVIDED HIGHWAY
R6-3A(2S)
ESTR

CEMETERY

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 12 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 133 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 2:59 PM PLOT BY : SEH LAYOUT NAME : 12 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

N

REMOVE

1 W11-2(3)

1A WF16-7L(3)

W11-2(3)
WF16-7R(3)
ESTR
ON L.P.

COUNTY G
J12-1(3)
ESTR

ONE WAY
R6-2R(2S)
ESTR

NO PARKING ANY TIME
R7-1D(3)
ESTR

SPEED LIMIT 45
R2-1(3)
ESTR

SPEED LIMIT 45
R2-1(3)
ESTR
ON L.P.

W Brandybrook Road
D1-2
ESTR

CEMETERY

MATCH LINE 1487+00'ML'

1488'ML'

1489'ML'

1490'ML'

1491'ML'

1492'ML'

1493

MATCH LINE 1493+00'ML'

STH 83

98 W11-2(3)
98A WF16-7R(3)
ON L.P.
(UP HIGH)

R4-7(3)
ESTR
ON L.P.

2 W11-2(3)
2A WF16-7L(3)

REMOVE

SPEED LIMIT 45
R2-1(3)
ESTR
ON L.P.

SPEED LIMIT 45
R2-1(3)
ESTR

RIPRAP

Glacial Drumlin State Trail 1/2 MILE
D7-93
ESTR

NO PARKING ANY TIME
R7-1D(3)
ESTR

52'BB'

GUY

SIGN

INL

OH

(?)FO

(?)G

(?)T

(?)SS

SHEET 13 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 134 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 2:59 PM PLOT BY : SEH LAYOUT NAME : 13 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

N

MATCH LINE 1493+00'ML'

MATCH LINE 1499+00'ML'

JCT
COUNTY G
J1-2(3)
ESTR

S Brandybrook Road
D1-2
ESTR

DO NOT ENTER
R5-1(3)
ESTR

NO PARKING ANY TIME
R7-1D(3)
ESTR

CEMETERY

SPEED LIMIT 45
R2-1(3)
ESTR

SPEED LIMIT 45
R2-1(3)
ESTR

ONE WAY
R6-2R(2S)
ESTR

1494'ML'

1495'ML'

1496'ML'

1497'ML'

1498'ML'

STH 83 (S WALES RD)

R4-7(3)
ESTR

ONE WAY
R6-2L(2M)
ESTR

R4-7(3)
ESTR

NO PARKING ANY TIME
R7-1D(3)
ESTR

WRONG WAY
R5-1A(3)
ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 14 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 135 E

2

N

S WELSH RD

49'WR'

50'WR'

51'RW'

52'RW'

E WELSH RD

STH 83 (S WALES RD)

MATCH LINE 1499+00'ML'

MATCH LINE 1505+00'ML'

1500'ML'

1501'ML'

1502'ML'

1503'ML'

1504'ML'

3 W11-2(3)
3A WF16-7L(3)

STOP R1-1(3)

DIVIDED HIGHWAY R6-3(2S) ESTR

HWY 83/S Wales Rd D3-1 ESTR

ONE WAY REMOVE ETER

ONE WAY 4 R6-2L(2M) ESTR

5 R9-3A(2S)
5A USE CROSSWALK R9-3BR(2S)

6 6A REMOVE

WRONG WAY R5-1A(2S) ESTR

NO PARKING ANY TIME R7-1D(3) ESTR

99 W11-2(3)
99A WF16-7R(3) ON L.P. (UP HIGH)

R4-7(3) ESTR ON L.P.

W11-2(3) WF16-7R(3) ESTR ON L.P.

W11-2(3) WF16-7L(3) ESTR

DO NOT ENTER R5-1(3) ESTR

S Wales Rd D3-1 ESTR

ONE WAY R6-2L(2M) ESTR

8 R9-3A(2S)
8A USE CROSSWALK R9-3BL(2S)

7 7A REMOVE ON L.P.

STOP R1-1(3)

DIVIDED HIGHWAY R6-3(2S) ESTR

SPEED LIMIT 35 R2-1(3) ESTR

SPEED LIMIT 35 R2-1(3) ESTR

NO PARKING ANY TIME R7-1D(3) ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 15 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 136 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 2:59 PM PLOT BY : SEH LAYOUT NAME : 15 PLOT SCALE : 1.0 IN = 40.0 FT

2

2

N

SEPTIC

RIPRAP

STOP
R1-1(3)

D3-1
ESTR
Benton Ct

DIVIDED HIGHWAY
R6-3(2S)
ESTR

ONE WAY
R6-2L(2S)
ESTR

R9-3A(2S)
9
R9-3BL(2S)
9A

BENTON CT

49'BT'

SOUTH 83
J4-1(2S)
ESTR

R4-7(2S)
ESTR
ON L.P.

MATCH LINE 1505+00'ML'

1506'ML'

1507'ML'

1508'ML'

1509'ML'

1510'ML'

1511

MATCH LINE 1511+00'ML'

STH 83 (S WALES RD)

50'ST'

51'ST'

W SOUTH ST

SPEED LIMIT 35
R2-1(2S)
ESTR

SPEED LIMIT 35
R2-1(2S)
ESTR

10
10A
REMOVE
ON L.P.

11
11A
REMOVE

DO NOT ENTER
R5-1(2S)
ESTR

12
12A
R9-3A(2S)
R9-3BR(2S)

W11-2(2S)
AHEAD
W16-9P(2S)
ESTR

W11-2(2S)
AHEAD
W16-9P(2S)
ESTR

South 83 W
S Wales Rd
D3-1
ESTR

STOP
R1-1(3)

DIVIDED HIGHWAY
R6-3(2S)
ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 16 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 137 E

2

2

STH 83 (S WALES RD)

MATCH LINE 1511+00'ML'

MATCH LINE 1517+00'ML'

1512'ML'

1513'ML'

1514'ML'

1515'ML'

1516'ML'

CRIGLAS RD

51'CR'

52'CR'

53'CR'

54'CR'

SEPTIC

POST

SIGN

INL

A/C

13 — REMOVE — DO NOT ENTER — R5-1(2S)

14 — W11-2(2S) — WF16-7L(2S) — 14A

15 — W11-2(2S) — WF16-7R(2S) ON L.P. (UP HIGH) — 15A

16 — W11-2(2S) — WF16-7R(2S) ON L.P. — 16A

17 — W11-2(2S) — WF16-7L(2S) — 17A

18 — ONE WAY — R6-2L(2S) — REMOVE

R7-1D(2S) ESTR — NO PARKING ANY TIME

R6-2R(2S) ESTR — ONE WAY

74 — STOP SCHOOL BUS FLASHING RED LIGHTS — R59-51(2S) MOVE

19 — ONE WAY — R6-2L(2S) — REMOVE

STOP SCHOOL BUS FLASHING RED LIGHTS — R59-51(2S) ESTR

20 — W11-2(2S) — WF16-7L(2S) — 20A

STOP — R1-1(3)

DIVIDED HIGHWAY — R6-3(2S) ESTR

S Wales Rd — D3-1 ESTR

Crigles Rd — D3-1 ESTR

21 — R9-3A(2S) — 21A — USE CROSSWALK — R9-3BR(2S)

DO NOT ENTER — R5-1(2S) ESTR

22 — REMOVE — 22A

23 — W11-2(2S) — WF16-7R(2M) ON L.P. (UP HIGH) — 23A

R4-7(2S) ESTR ON L.P.

R4-7(2S) ESTR ON L.P.

24 — REMOVE ON L.P. — 24A

Crigles Rd — D3-1 ESTR

25 — R9-3A(2S) — 25A — USE CROSSWALK — R9-3BL(2S)

ONE WAY — R6-2L(2S) ESTR

STOP — R1-1(3)

DIVIDED HIGHWAY — R6-3(2S) ESTR

W11-2(2S) — WF16-7R(2S) ESTR ON L.P.

W11-2(2S) — WF16-7L(2S) ESTR

DO NOT ENTER — R5-1(2S) ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN
- S.P. — SIGNAL POLE
- L.P. — LIGHT POLE

SHEET 17 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 138 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg | PLOT DATE : 4/30/2025 2:59 PM | PLOT BY : SEH | LAYOUT NAME : 17 | PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE 1517+00'ML'

MATCH LINE 1523+00'ML'

STH 83 (S WALES RD)

W MAIN ST

1518'ML'

1519'ML'

1520'ML'

1521'ML'

1522'ML'

50'MT'

51'MT'

R7-1D(2S) ESTR

R2-1(2S) ESTR

R2-1(2S) ESTR

26 W11-2(2S)

26A WF16-7L(2S)

R6-2L(2S) ESTR

27 R9-3A(2S)

27A R9-3BR(2S)

R5-1(2S) ESTR

28 REMOVE

28A

29 REMOVE ON L.P.

29A

R4-7(2S) ESTR ON L.P.

100 W11-2(2S)

100A WF16-7R(2S) ON L.P. (UP HIGH)

R4-7(2S) ESTR ON L.P.

R7-1D(2S) ESTR

30 W11-2(2S)

30A WF16-7L(2S)

WF16-7R(2S) ESTR ON L.P.

REMOVE

31 R5-1(2S)

REMOVE

D3-1 ESTR

32 R9-3A(2S)

32A R9-3BL(2S)

33 R6-2L(2S)

REMOVE

R1-1(3) STOP

R6-3A(2S) ESTR

SEPTIC

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 18 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 139 E

2

N

MATCH LINE 1523+00'ML'

MATCH LINE 1529+00'ML'

STH 83 (S WALES RD)

CYMRIC CT

FILLER CAP

CAN

49'CC'

1524'ML'

1525'ML'

1526'ML'

1527'ML'

1528'ML'

R1-1(3) STOP

R6-3A(2S) DIVIDED HIGHWAY ESTR

R6-2L(2S) ONE WAY ESTR

R9-3A(2S) 34

R9-3BL(2S) USE CROSSWALK 34A

D3-1 ESTR Cymric Ct

D3-1 ESTR Wales Rd

R5-1(2S) DO NOT ENTER ESTR

W11-2(2S)

WF16-7L(2S) ESTR

37

W11-2(2S) 37A

WF16-7R(2S) ON L.P.

R4-7(2S) ESTR ON L.P.

R7-1D(2S) NO PARKING ANY TIME ESTR

D7-95L Glacial Drumlin State Trail ESTR

R2-1(3) SPEED LIMIT 35 ESTR

R2-1(3) SPEED LIMIT 35 ESTR

R7-1D(2S) NO PARKING ANY TIME ESTR

R6-2R(2S) ONE WAY ESTR

R2-1(3) SPEED LIMIT 35 ESTR

R2-1(3) SPEED LIMIT 35 ESTR

35 35A REMOVE ON L.P.

38 38A REMOVE

39 39A R9-3A(2S) R9-3BR(2S) USE CROSSWALK

R6-2L(2S) ONE WAY ESTR

W11-2(2S) 36

WF16-7R(2S) (UP HIGH) 36A

W11-2(2S) 102

WF16-7L(2S) 102A

R4-7(2S) ESTR ON L.P. 36B

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 19 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 140 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 3:00 PM PLOT BY : SEH LAYOUT NAME : 19 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

N

GLACIAL DRUMLIN TRAIL

STH 83 (S WALES RD)

MATCH LINE 1529+00'ML'

MATCH LINE 1535+00'ML'

'ML'

1530'ML'

1531'ML'

1532'ML'

1533'ML'

1534'ML'

1535

R7-1D(2S)
ESTR

W5-52L(2S)
ESTR

W5-52R(2S)
ESTR

W11-2(2S)
AHEAD
W16-9P(2S)
75

75A

W11-2(2S)
AHEAD
W16-9P(2S)
76

76A

J1-2(3)
ESTR

J1-2(3)
ESTR

R7-1D(2S)
ESTR

W5-52R(2S)
ESTR

W5-52L(2S)
ESTR

W2-6(2S)
15 MPH
W13-1(2S)
ESTR

W2-6(2S)
15 MPH
W13-1(2S)
ESTR

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
XXX	DENOTES SIGN NUMBER
(X)	INDICATES SIGN SIZE
ESTR	EXISTING SIGN TO REMAIN
S.P.	SIGNAL POLE
L.P.	LIGHT POLE

SHEET 20 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 141	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg
PLOT DATE : 4/30/2025 3:00 PM
PLOT BY : SEH
LAYOUT NAME : 20
PLOT SCALE : 1.0 IN = 40.0 FT
WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE 1535+00'ML'

MATCH LINE 1541+00'ML'

STH 83 (S WALES RD)

1536'ML'

1537'ML'

1538'ML'

1539'ML'

1540'ML'

R7-1D(2S) ESTR

D2-1 ESTR

J2-1(2S) ESTR

J4-1(2S) ESTR

R3-53R(2S) ESTR

R1-1(3) ESTR ON L.P.

R5-1(2S) ESTR

R6-2R(2S) ESTR

R5-1(2S) ESTR

R2-1(2S) ESTR

R7-1D(2S) ESTR

W12-1D(2S) ESTR

R4-7(2S) ESTR

R2-1(2S) ESTR

W3-2(3) ESTR

R7-1D(2S) ESTR

D1-3 ESTR

R5-1(2S) ESTR

R3-8IF(2S) ESTR

W12-1D(2S) ESTR

R5-1(2S) ESTR

R6-2R(2S) ESTR

R3-53R(2S) ESTR

W3-2(3) ESTR

R3-8IF(2S) ESTR

J2-1(2S) ESTR

E6-52 ESTR

E6-52 ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 21 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 142 E

2

MATCH LINE 1544+00'ML'

N

STH 83 (S WALES RD)

USH 18 (W SUMMIT AV)

MATCH LINE 75+62'SA'
(SEE SHEET 30 OF 31)

MATCH LINE 81+62'SA'
(SEE SHEET 31 OF 31)

76'SA'
77'SA'
78'SA'
79'SA'
80'SA'
81'SA'

1542'ML'
1541'ML'
1540'ML'

S-67-947

FILLER CAP

W11-2(2S)
WF16-7L(2S)
ESTR

41A
ONE WAY
REMOVE

41
R1-2(2S)
STEEL POST

80
W11-2(2S)
MOVE

80A
WF16-7L(2S)
MOVE

79
R1-2(2S)
MOVE

40
TO TRAFFIC FROM LEFT
REMOVE

81
W11-2(2S)
MOVE

81A
WF16-7L(2S)
MOVE

83
W11-2(2S)
MOVE

83A
WF16-7L(2S)
MOVE

82
R1-2(2S)
MOVE

Blackwood Drive
D1-1
ESTR

ONLY
R3-8DD(2S)
ESTR

18 WEST
D1-1
ESTR

83 NORTH
D1-1
ESTR

R1-2(2S)
ESTR

R1-2(2S)
ESTR

83 SOUTH
D1-1
ESTR

18 EAST
D1-1
ESTR

R1-2(2S)
MOVE

86
R1-2(2S)
MOVE

R1-2(2S)
ESTR

96
W8-73(2S)

78
W11-2(2S)
MOVE

78A
WF16-7L(2S)
MOVE

WATCH FOR WIDE TURNING TRUCKS

ALT
EAST
CONSTRUCTION
94
J2-1(2S)
ESTR

77
R1-2(2S)
MOVE

ONE WAY
R6-1R(2S)

R6-4B(2S)
ESTR

42
W11-2(2S)

42A
WF16-7L(2S)
STEEL POST

REMOVE

WALES
POPULATION 2,549
I2-3
ESTR

85
W11-2(2S)
MOVE

85A
WF16-7L(2S)
MOVE

WATCH FOR WIDE TURNING TRUCKS
W8-73(2S)
ESTR

84
W11-2(2S)
MOVE

84A
WF16-7L(2S)
MOVE

Waukesha
Hartland
Mukwonago
Wales
D1-4
ESTR

R3-8CC(2S)
ESTR

R3-8CC(2S)
ESTR

EAST
18
NORTH
83
E6-52
ESTR

EAST
18
SOUTH
83
E6-52
ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN
- S.P. — SIGNAL POLE
- L.P. — LIGHT POLE

SHEET 22 OF 31

MATCH LINE 1540+15'ML'

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 143 E

2

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

N

E6-52 ESTR — SOUTH 83 EAST 18

E6-52 ESTR — SOUTH 83 WEST 18

NEWPORT DR

STOP R1-1(3)

RIGHT TURN ONLY R3-53(2S) ESTR

W3-2(2S) ESTR

ALTERNATE EAST 94 ALTERNATE WEST 94 JB2-2(3) ESTR

R3-8IF(2S) ESTR ON L.P.

R3-8IF(2S)

NO PARKING ANY TIME R7-1D(3) ESTR

Wales Mukwonago / Waukesha / Dousman D1-4 ESTR

WATCH FOR WIDE TURNING TRUCKS W8-73(2S) ESTR

ONE WAY W6-2R(2S) ESTR

1545'ML' 1546'ML' 1547'ML' 1548'ML' 1549'ML'

MATCH LINE 1544+00'ML'

MATCH LINE 1550+00'ML'

NORTH 83 J4-1(2S) ESTR

W3-2(2S) ESTR

STH 83 (S WALES RD)

ADOPT A HIGHWAY I55-56(2S)

SHOREWEST REALTORS LAKE COUNTRY I55-56P(2S) ESTR

SPEED LIMIT 45 R2-1(3) ESTR

SPEED LIMIT 45 R2-1(3) ESTR

NORTH 83 J4-1(2S) ESTR

Delafield	3
Hartland	7
Hartford	23

D2-3 ESTR

W11-2(3) AHEAD W16-9P(3) 87 87A

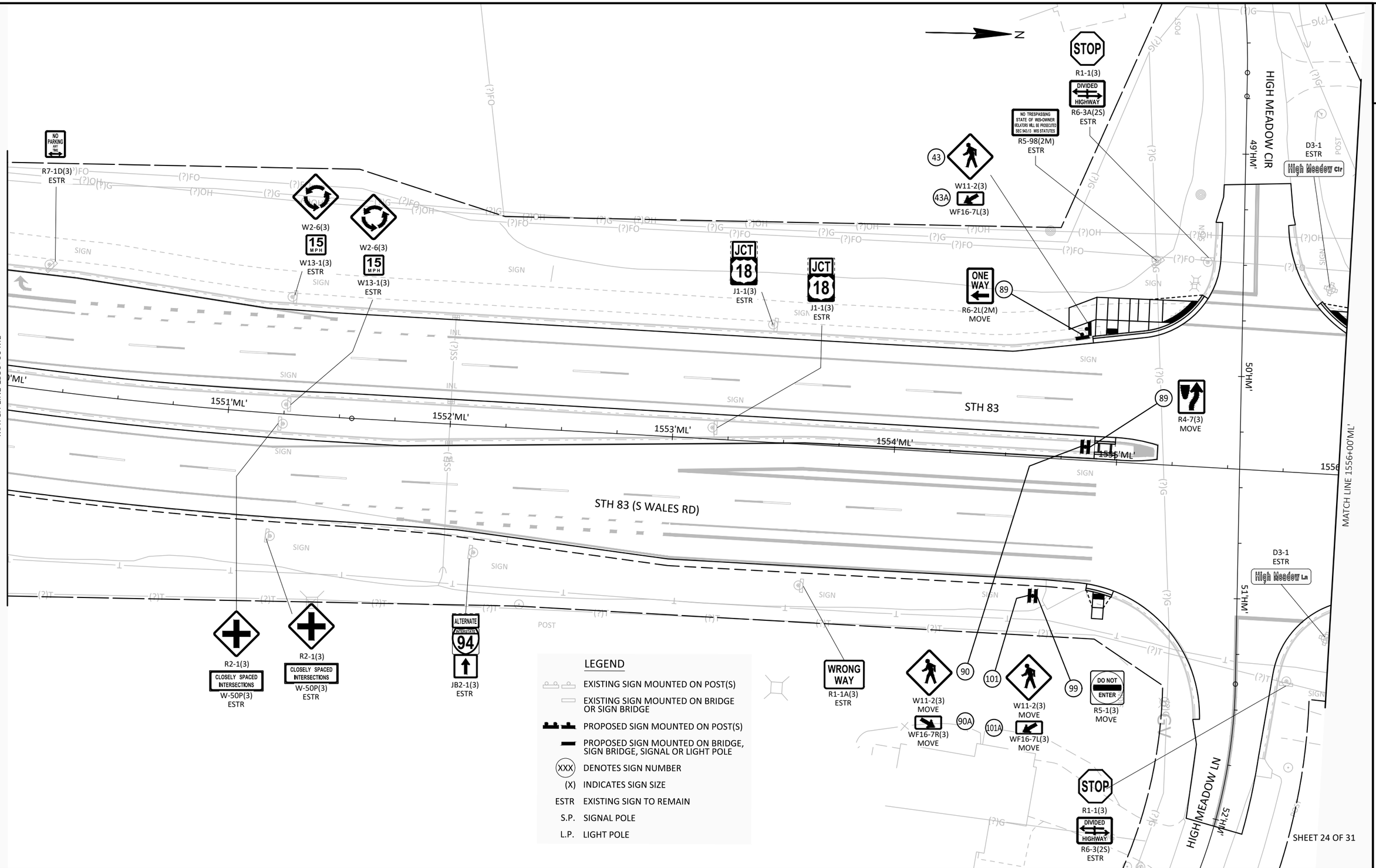
W11-2(3) AHEAD W16-9P(3) 88 88A

STOP FOR SCHOOL BUS FLASHING RED LIGHTS R59-51(3) ESTR

SHEET 23 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 144 E

2



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN
- S.P. — SIGNAL POLE
- L.P. — LIGHT POLE

SHEET 24 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 145 E

2

2

MATCH LINE 1556+00'ML'

MATCH LINE 1562+00'ML'

N

R9-3A(2S) 44
R9-3BR(2S) 44A
DO NOT ENTER
R5-1(3) ESTR

ENGINE BRAKE MUFFLERS REQUIRED
R10-64 ESTR

NO PARKING ANY TIME
R7-1D(3) ESTR

SPEED LIMIT 45
R2-1(3) ESTR

STOP
R1-1(3)

DIVIDED HIGHWAY
R6-3A(2S) ESTR

46 R9-3A(2S)
46A R9-3BL(2S)

BOYS SCHOOL RD

Boys School
D3-1 ESTR

DO NOT ENTER
R5-1(3) ESTR

45 REMOVE 45A

48 REMOVE 48A

47 W11-2(3) 47A WF16-7L(3)

50 W11-2(3) 50A WF16-7R(3)

51 W11-2(3) 51A WF16-7R(3)

'ML'
1557'ML'
1558'ML'
1559'ML'
1560'ML'
1561'ML'

R4-7(3) ESTR

R4-7(3) ESTR

W2-2L(3) ESTR

SPEED LIMIT 45
R2-1(3) ESTR

ONE WAY
R6-2L(2M) ESTR

R6-2L(2M) ESTR

NO PARKING ANY TIME
R7-1D(3) ESTR

53 W11-2(3) 53A WF16-7L(3)

52 W4-2R(3)

W4-2R(3) ESTR

W2-2R(3) ESTR

W2-2R(3) ESTR

R4-7(3) ESTR

W2-2L(3) ESTR

49 RIGHT LANE ENDS
W9-1R(3)
NOTE, INSTALL ON CONC MEDIAN USING "SIGN MOUNTING ON BARRIER WALL" (A4-10.4) AND STEEL POST

RIGHT LANE ENDS
W9-1R(3) ESTR

SLAB

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 25 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 146 E

2

2

N

WRONG WAY
R1-1A(3)
ESTR

54
W11-2(3)
54A
WF16-7L(3)

ONE WAY
R6-2L(2M)
ESTR

NO PARKING ANY TIME
R7-1D(3)
ESTR

56
W11-2(3)
56A
WF16-7R(3)

55
W11-2(3)
55A
WF16-7R(3)

R4-7(3)
ESTR

R4-7(3)
ESTR

57
W11-2(3)
57A
WF16-7L(3)

DO NOT ENTER
58
R5-1(3)

DO NOT ENTER
REMOVE

WRONG WAY
R1-1A(3)
ESTR

GLACIER PASS (S)

GLACIER PASS S54
D3-1
ESTR

STOP
R1-1(3)

DIVIDED HIGHWAY
R6-3A(2S)
ESTR

STH 83

MATCH LINE 1562+00'ML'

MATCH LINE 1568+00'ML'

1563'ML'
1564'ML'
1565'ML'
1566'ML'
1567'ML'

SIGN
POST
INL
SS(?)
51GP'
52'

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 26 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 147 E

2

2

N

MATCH LINE 1568+00'ML'

MATCH LINE 1574+00'ML'

'ML'

1569'ML'

1570'ML'

1571'ML'

1572'ML'

1573'ML'

1574

STH 83 (S WALES RD)

SIGN

INL

POST

BEGIN LEFT TURN LANE
R3-20L(3)
ESTR

R3-18(3)
ESTR

91
W11-2(3)
AHEAD
W16-9P(3)
91A

R4-7(3)
W5-54(2S)
ESTR

W6-2(2S)
ESTR

WRONG WAY
R1-1A(3)
ESTR

R3-4(3)
ESTR

R3-4(3)
ESTR

SPEED LIMIT 45
R2-1(3)
ESTR

DO NOT ENTER
R5-1(3)
ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 27 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 148 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 3:00 PM PLOT BY : SEH LAYOUT NAME : 27 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE 1574+00'ML'

MATCH LINE 1580+00'ML'

1574'ML' 1575'ML' 1576'ML' 1577'ML' 1578'ML' 1579'ML' 1580'ML'

STH 83 (S WALES RD)

(?)FO (?)OH (?)G (?)T

W6-1(2S)
ESTR

POST

SIGN

RIPRAP

POST

SIGN

W6-3(2S)
ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 28 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 149 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 3:00 PM PLOT BY : SEH LAYOUT NAME : 28 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE 1580+00'ML'

1581'ML'

1582'ML'

1583'ML'

1584'ML'

STH 83 (S WALES RD)

50'PG'

51'PG'

GLACIER PASS (N)

W1-7(2S)
ESTR

SPEED LIMIT 45
R2-1(3)
ESTR

END PROJECT
STA 1584+50'ML'

GLACIER PASS
D3-1
ESTR

STOP
R1-1(3)
ESTR

SPEED LIMIT 45
R2-1(3)
ESTR

MH

(?)OH (?)FO (?)G (?)T

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
XXX	DENOTES SIGN NUMBER
(X)	INDICATES SIGN SIZE
ESTR	EXISTING SIGN TO REMAIN
S.P.	SIGNAL POLE
L.P.	LIGHT POLE

SHEET 29 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 150 E

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

N

W6-2(2S) ESTR

Moraine View Dr. D2-1 ESTR

R7-1D(2S) ESTR

W11-2(2S) MOVE WF16-7L(2S) MOVE 92 92A

REMOVE

59 59A W11-2(2S) WF16-7L(2S) STEEL POST

R1-2(2S) ESTR

R1-2(2S) ESTR

W11-2(2S) WF16-7L(2S) ESTR

BLACKWOOD DR

Blackwood Drive D1-1 ESTR

94 W11-2(2S) MOVE WF16-7L(2S) MOVE 94A

R1-2(2S) ESTR

95 W12-1D(2S) ESTR

W11-2(2S) MOVE WF16-7L(2S) MOVE 95A

W11-2(2S) WF16-7R(2S) ESTR

R1-2(2S) ESTR

ONE WAY W6-2R(2S)

R6-4B(2S) ESTR

DO NOT ENTER R5-1(2S) ESTR

R1-2(2S) ESTR

USH 18 (W SUMMIT AV)

70'SA' 71'SA' 72'SA' 73'SA' 74'SA' 75'SA'

93 WEST 18 D1-1 MOVE

MATCH LINE 75+62'SA' (SEE SHEET 22 OF 31)

R3-8CC(2S) ESTR

R7-1D(2S) ESTR

EAST 18 ALT INTERSTATE 94 JV(2S) ESTR

TO 83 NORTH Blackwood Drive E6-52 ESTR

TO 83 SOUTH Commercial Entrance E6-52 ESTR

W11-2(2S) WF16-7R(2S) ESTR

W11-2(2S) WF16-7L(2S) ESTR ON L.P.

R1-2(2S) STEEL POST 60

REMOVE

ONE WAY R6-1R(2S)

R6-4B(2S) ESTR

R1-2(2S) ESTR

Commercial Entrance D1-1 ESTR

EAST 18 D1-1 ESTR

R1-2(2S) ESTR

63 W11-2(2S) WF16-7L(2S) 63A

R1-2(2S) ESTR

62 W11-2(2S) WF16-7L(2S) 62A

61 61A W11-2(2S) WF16-7L(2S)

REMOVE

DO NOT ENTER R5-1(2S) ESTR

R4-7(2S) ESTR

USH 18 (W SUMMIT AV)

SHEET 30 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 151 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\023200_ps (Perm Sigining) v2.dwg PLOT DATE : 4/30/2025 3:01 PM PLOT BY : SEH LAYOUT NAME : 30 PLOT SCALE : 1.0 IN = 40.0 FT

WISDOT/CADDS SHEET 42

2

MATCH LINE 1544+00'ML'
(SEE SHEET 23 OF 31)

MATCH LINE 81+62'SA'
(SEE SHEET 22 OF 31)

R4-7(2S) 64
64A
W5-54(2S)
NOTE, SEE CONSTRUCTION DETAIL FOR SIGN MOUNTING HEIGHTS

E6-52 ESTR
E6-52 ESTR
REMOVE
R3-8BF(2S) ESTR
TO COUNTY G
J2-1(2S) ESTR
W3-2(3) ESTR
BEGIN CENTER LANE ONLY
R3-9C2S) ESTR
R3-9B(2S) ESTR
Dousman
Hartland
Wales
Mukwonago
D1-4 ESTR
ALTERNATE WEST INTERSTATE 94
J2-1(2S) ESTR
WATCH FOR WIDE TURNING TRUCKS
W8-73(2S)
97
S-67-949
NO PARKING ANY TIME
R7-1D(2S) ESTR
USH 18 (W SUMMIT AV)
82'SA'
83'SA'
84'SA'
85'SA'
86'SA'
87'SA'
USH 18 (W SUMMIT AV)
R3-8BF(2S) ESTR
Waukesha 5
D2-1 ESTR
R7-1D(2S) ESTR
EAST 18 ALTERNATE INTERSTATE 94
JV-1(2S) ESTR
S1-1(3)
AHEAD
S16-9P(3)
FINES HIGHER
R2-5P(3) ESTR
BEGIN CENTER LANE ONLY
R3-9C2S)
R3-9B(2S) ESTR
DO NOT ENTER
R5-1(2S) ESTR
Lincolnshire PL
D3-1 ESTR
STOP
R1-1(3) ESTR
ONLY
R3-50R(2M) ESTR
SPEED LIMIT 35
R2-1(3) ESTR
SCHOOL SPEED LIMIT 25 WHEN CHILDREN ARE PRESENT
S4-51(2S) ESTR
NO PARKING ANY TIME
R7-1D(2S) ESTR
LINCOLNSHIRE PL

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, SIGNAL OR LIGHT POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- S.P. SIGNAL POLE
- L.P. LIGHT POLE

SHEET 31 OF 31

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET 152 E

GENERAL NOTES: PAVEMENT MARKING

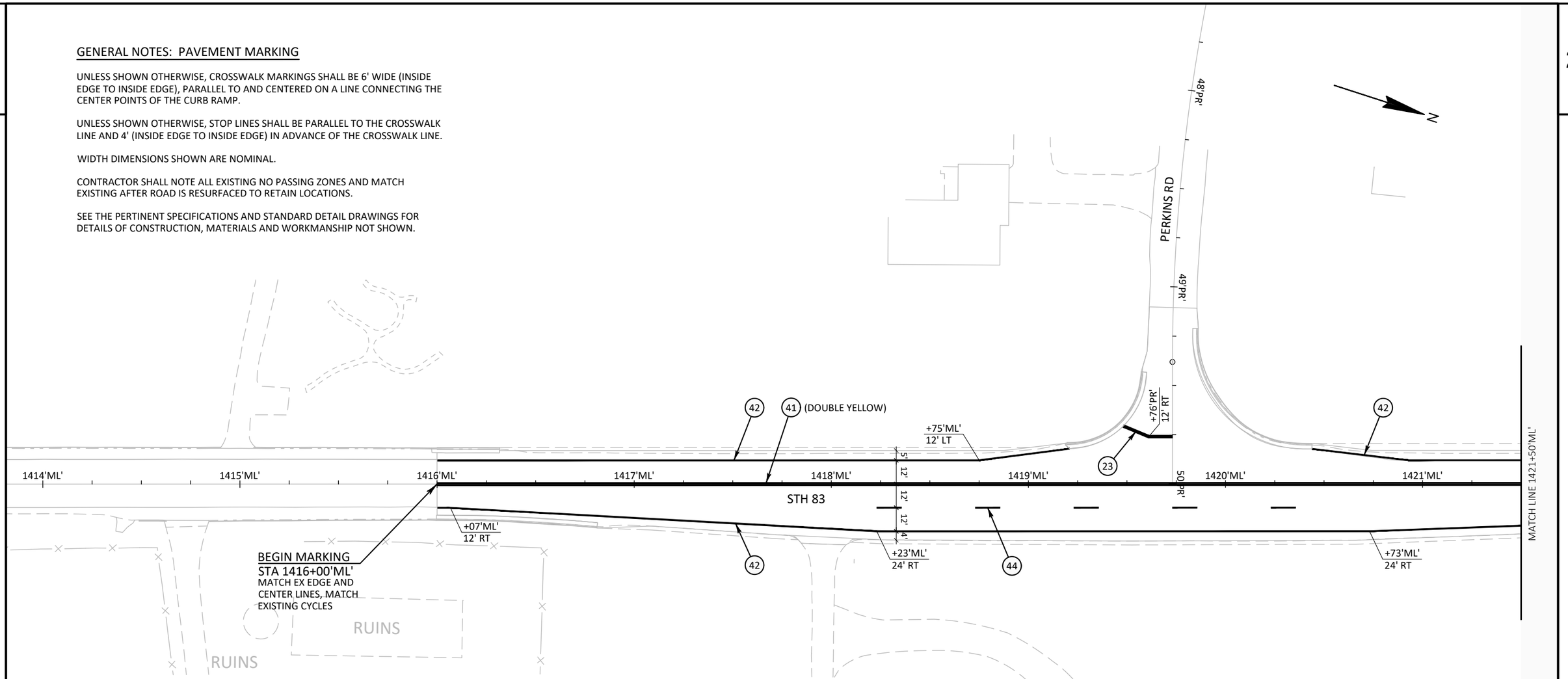
UNLESS SHOWN OTHERWISE, CROSSWALK MARKINGS SHALL BE 6' WIDE (INSIDE EDGE TO INSIDE EDGE), PARALLEL TO AND CENTERED ON A LINE CONNECTING THE CENTER POINTS OF THE CURB RAMP.

UNLESS SHOWN OTHERWISE, STOP LINES SHALL BE PARALLEL TO THE CROSSWALK LINE AND 4' (INSIDE EDGE TO INSIDE EDGE) IN ADVANCE OF THE CROSSWALK LINE.

WIDTH DIMENSIONS SHOWN ARE NOMINAL.

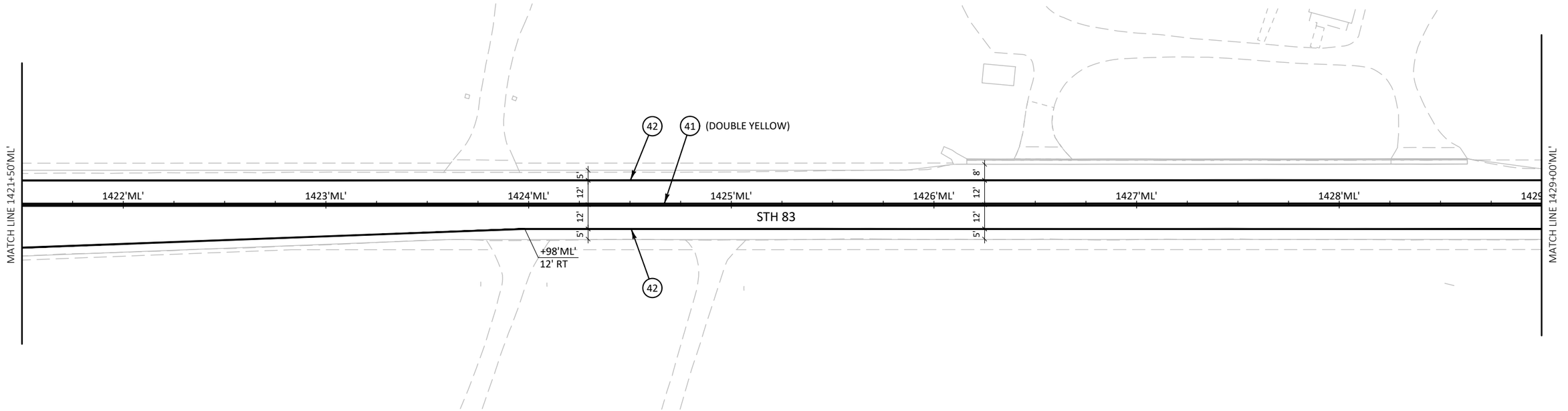
CONTRACTOR SHALL NOTE ALL EXISTING NO PASSING ZONES AND MATCH EXISTING AFTER ROAD IS RESURFACED TO RETAIN LOCATIONS.

SEE THE PERTINENT SPECIFICATIONS AND STANDARD DETAIL DRAWINGS FOR DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN.



KEYNOTE LEGEND: PAVEMENT MARKING	
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
44	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)

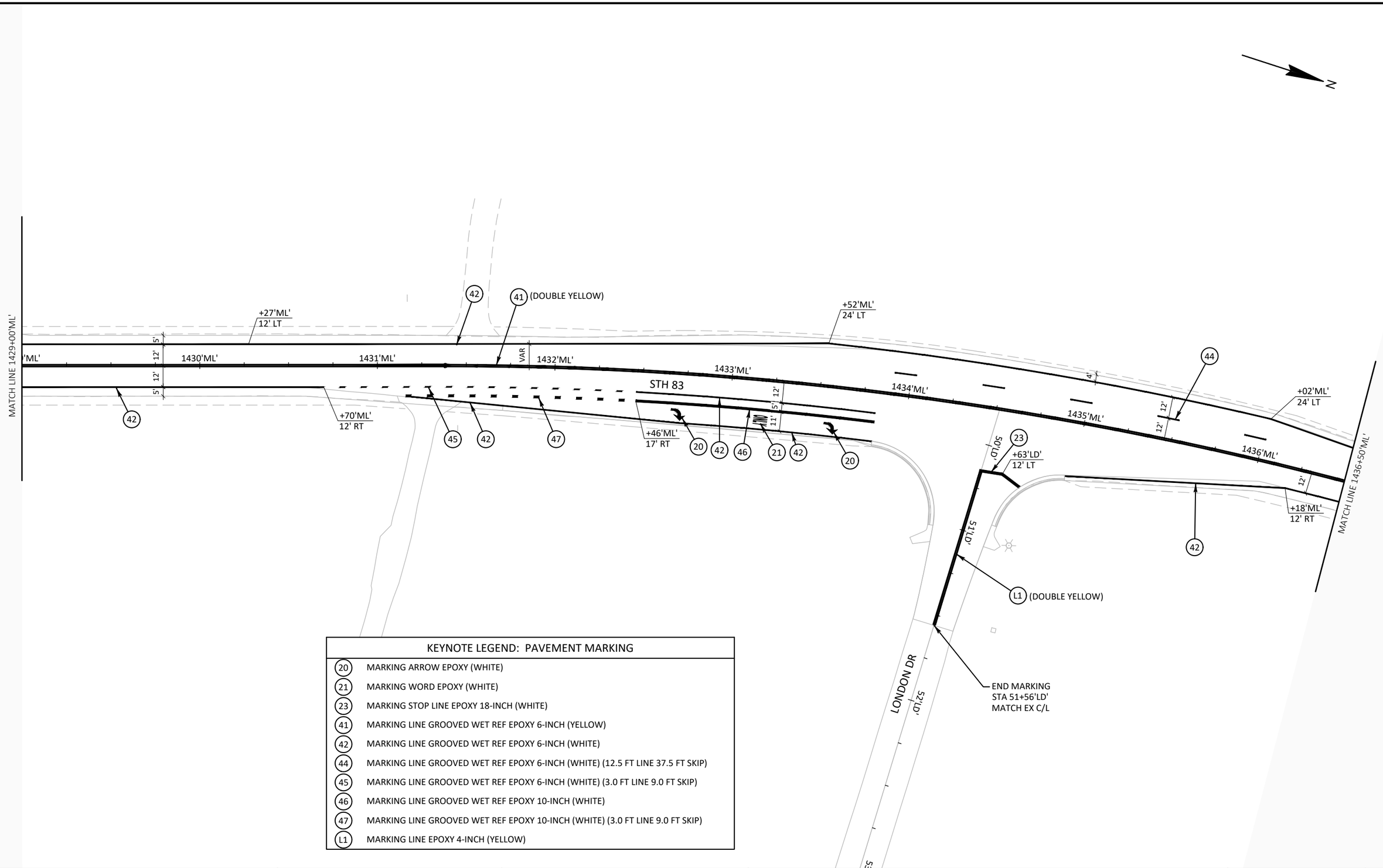
2



KEYNOTE LEGEND: PAVEMENT MARKING	
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 154 E

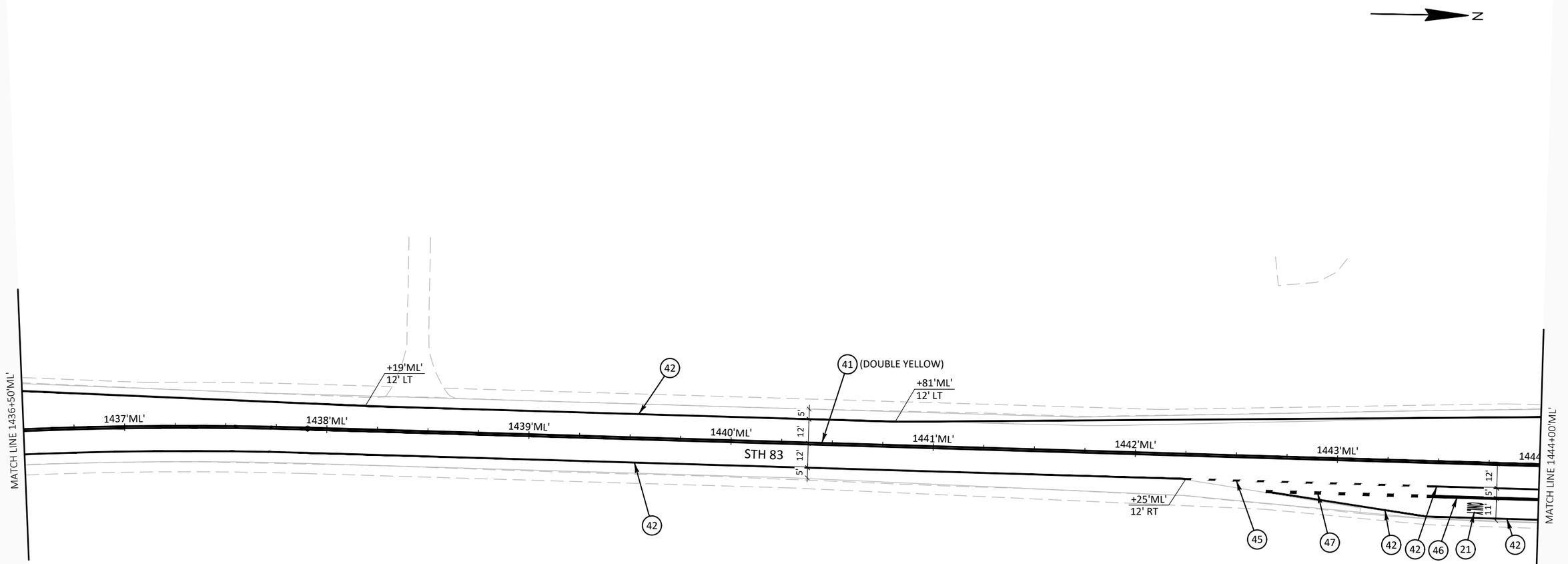
2



KEYNOTE LEGEND: PAVEMENT MARKING	
20	MARKING ARROW EPOXY (WHITE)
21	MARKING WORD EPOXY (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
44	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
47	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)

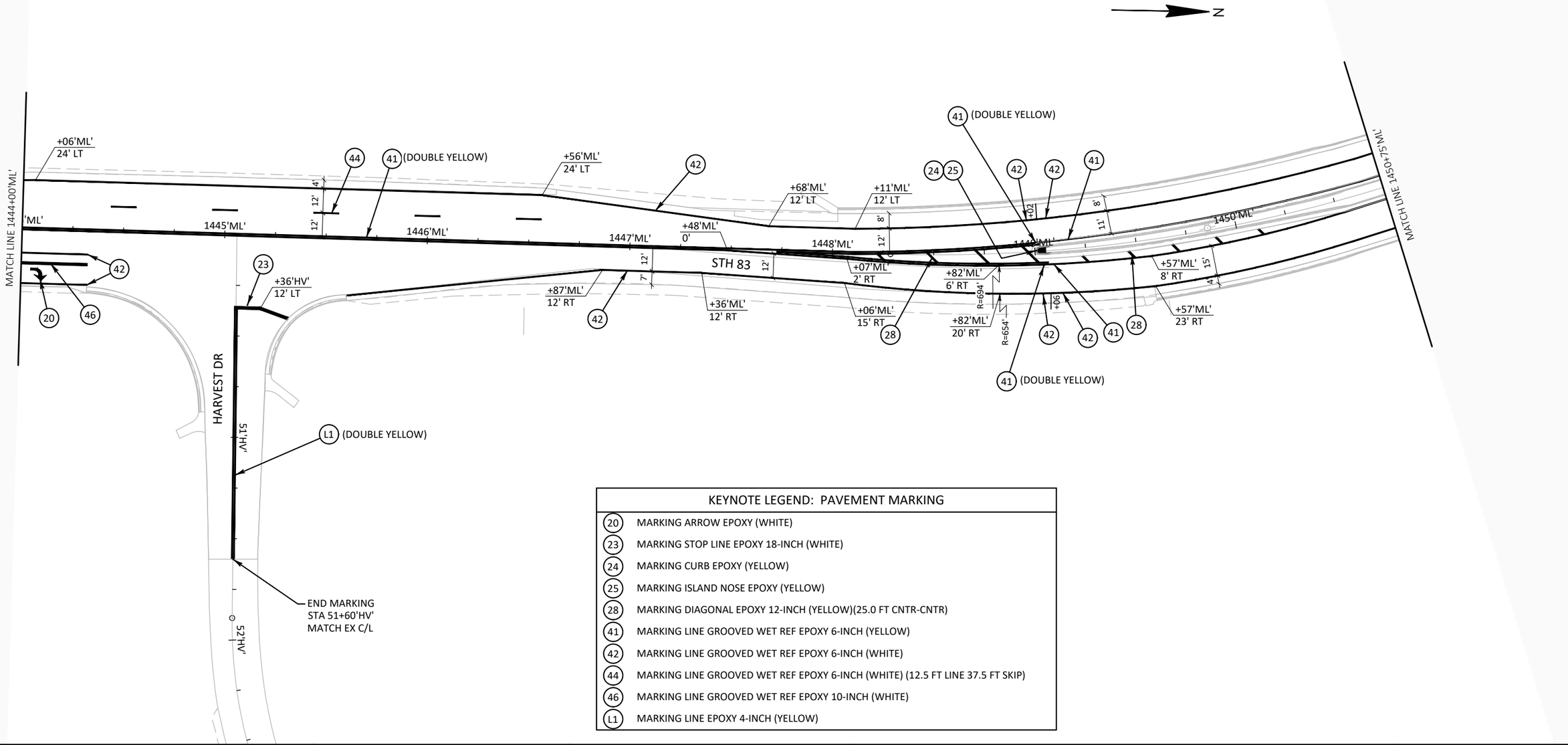
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 155 E

2



KEYNOTE LEGEND: PAVEMENT MARKING	
21	MARKING WORD EPOXY (WHITE)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
47	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)

2



KEYNOTE LEGEND: PAVEMENT MARKING	
20	MARKING ARROW EPOXY (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
28	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)(25.0 FT CNTR-CNTR)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
44	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 157 E

2

MATCH LINE 1455+00'ML'

BEGIN MARKING
STA 57+07'CH'
MATCH EX C/L
& EDGE LINES

CTH E (W TOMLIN RD)

STH 83

CTH DE (SUNSET DR)

+88'ML'
33' RT

+42'ML'
21' RT

+21'CH'
21' RT

+04'ML'
17' LT

+94'ML'
21' RT

+34'CH'
15' LT

END MARKING
STA 63+16'CH'
MATCH EX C/L
& EDGE LINE

L1 (DOUBLE YELLOW)

MATCH LINE 1450+75'ML'

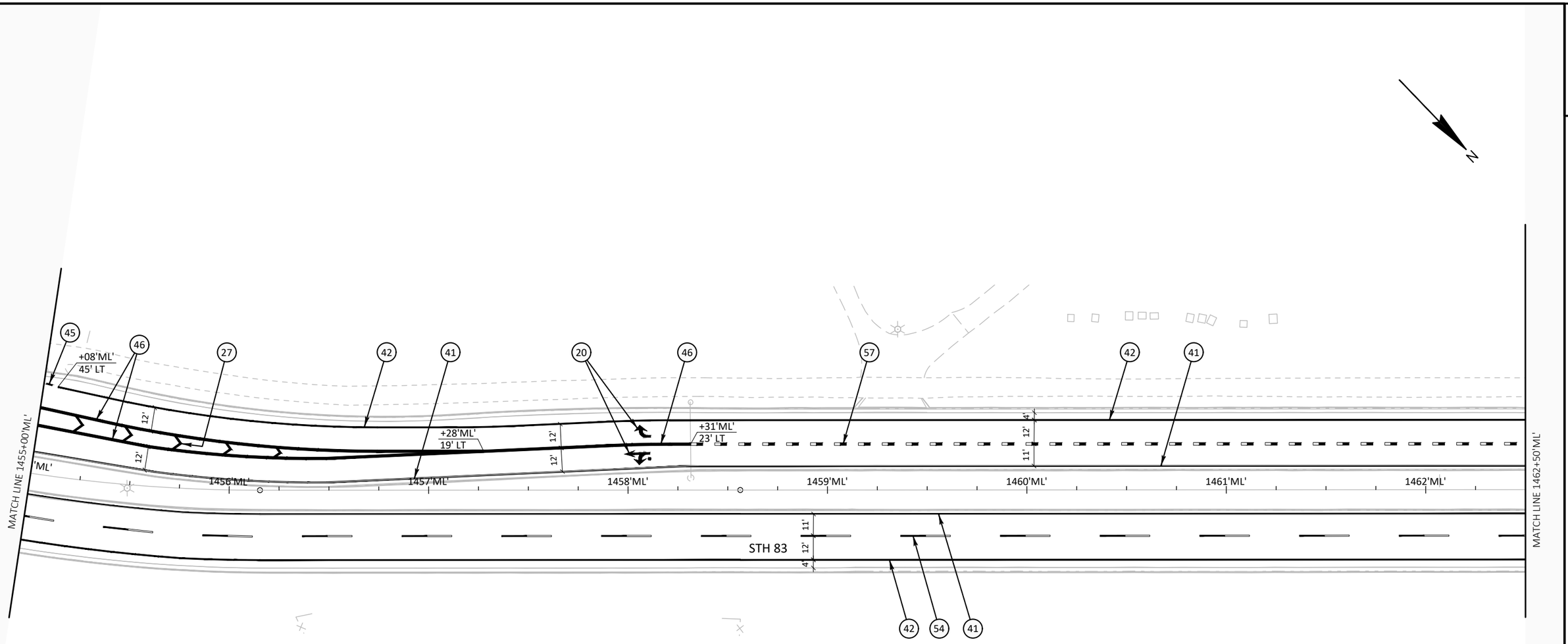
KEYNOTE LEGEND: PAVEMENT MARKING

20	MARKING ARROW EPOXY (WHITE)
21	MARKING WORD EPOXY (WHITE)
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
27	MARKING CHEVRON EPOXY 12-INCH (WHITE)(25.0 FT CNTR-CNTR)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
48	MARKING DOTTED EXTENSION GROOVED WET REF EPOXY 18-INCH (WHITE) (2.0 FT LINE 2.0 FT SKIP)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)
L2	MARKING LINE EPOXY 4-INCH (WHITE)
L5	MARKING LINE EPOXY 4-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
L6	MARKING LINE EPOXY 8-INCH (WHITE)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 158 E

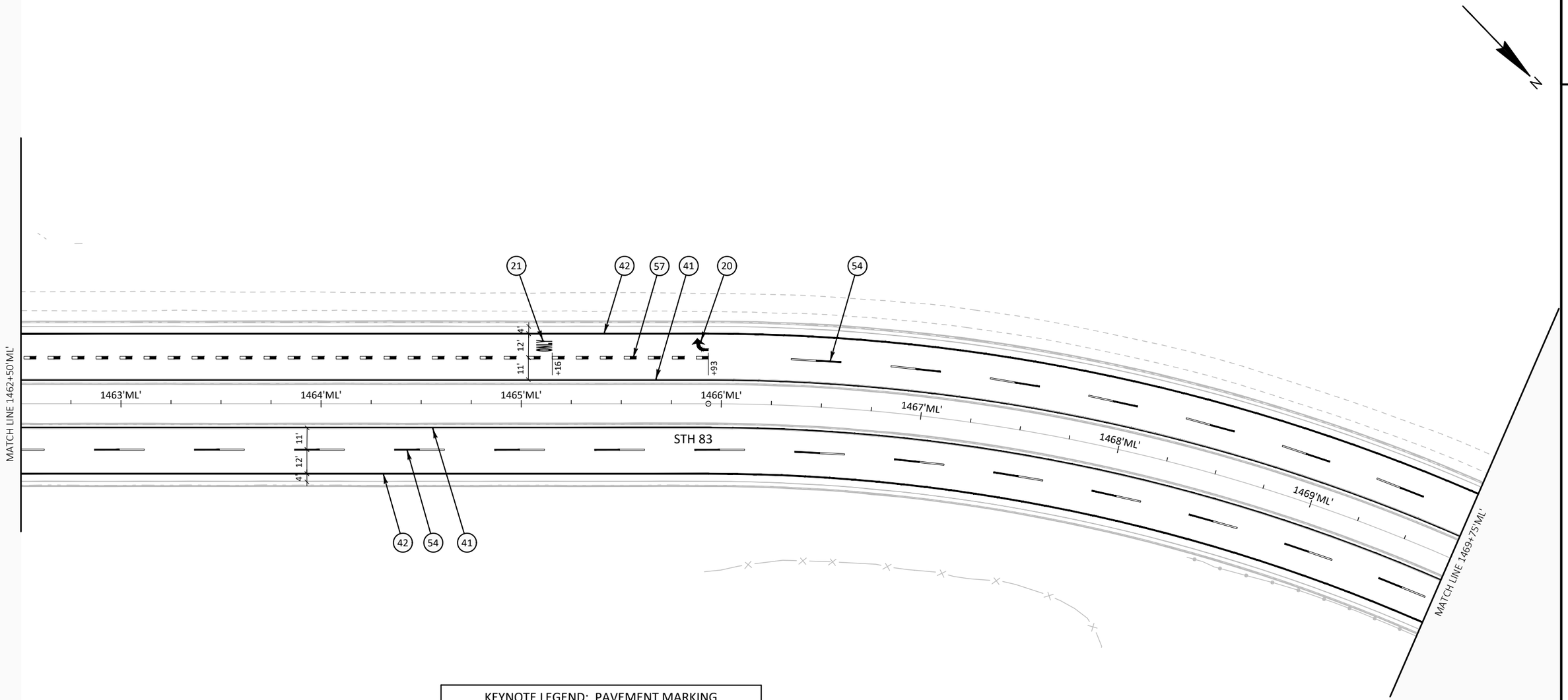
FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\024500_pm (Pvmnt Marking).dwg PLOT DATE : 4/30/2025 3:06 PM PLOT BY : SEH LAYOUT NAME : 06 PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2



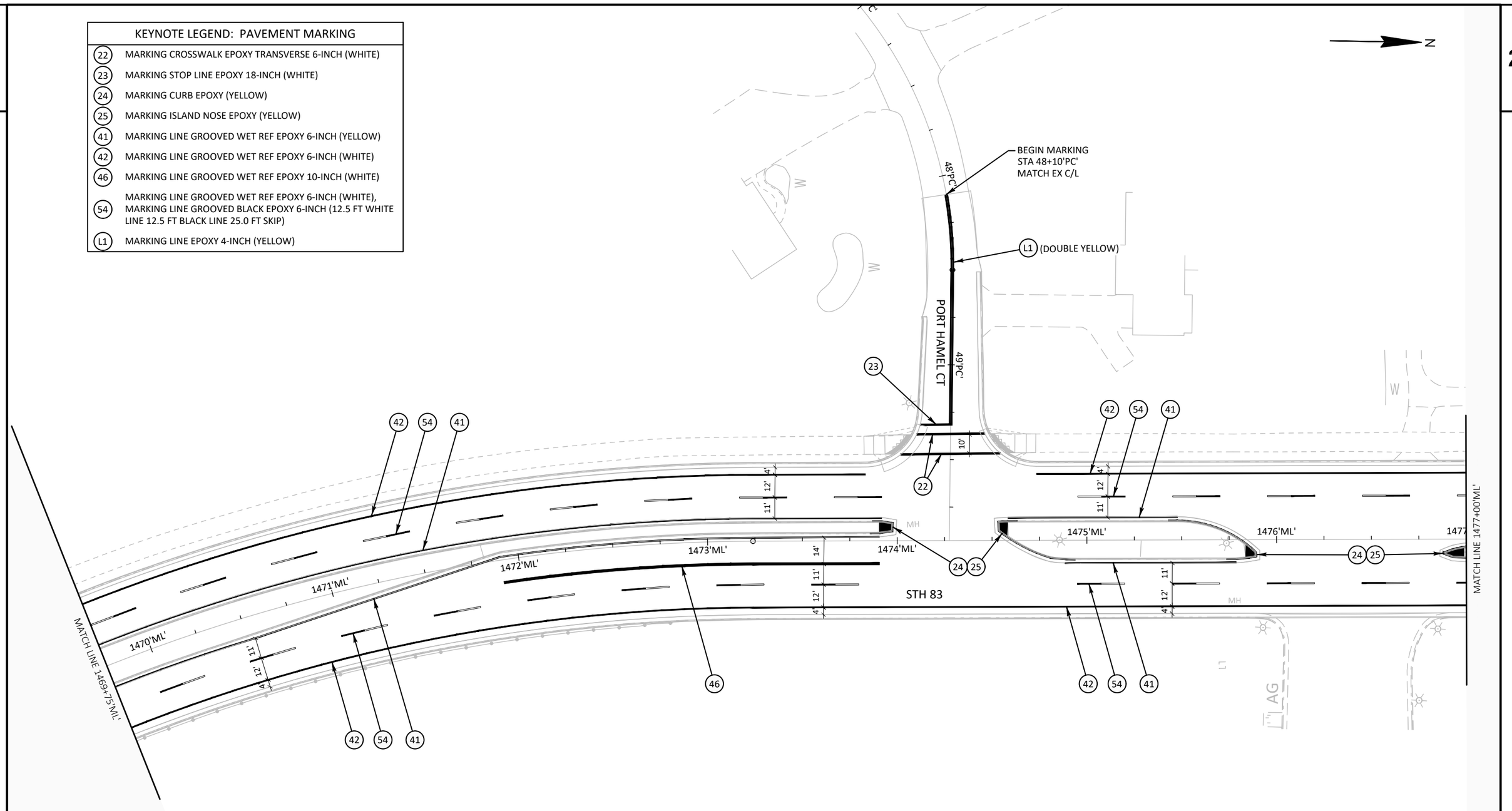
KEYNOTE LEGEND: PAVEMENT MARKING	
20	MARKING ARROW EPOXY (WHITE)
27	MARKING CHEVRON EPOXY 12-INCH (WHITE)(25.0 FT CNTR-CNTR)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
57	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 10-INCH (3.0 FT WHITE LINE 3.0 FT BLACK LINE 6.0 FT SKIP)

2



KEYNOTE LEGEND: PAVEMENT MARKING	
20	MARKING ARROW EPOXY (WHITE)
21	MARKING WORD EPOXY (WHITE)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
57	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 10-INCH (3.0 FT WHITE LINE 3.0 FT BLACK LINE 6.0 FT SKIP)

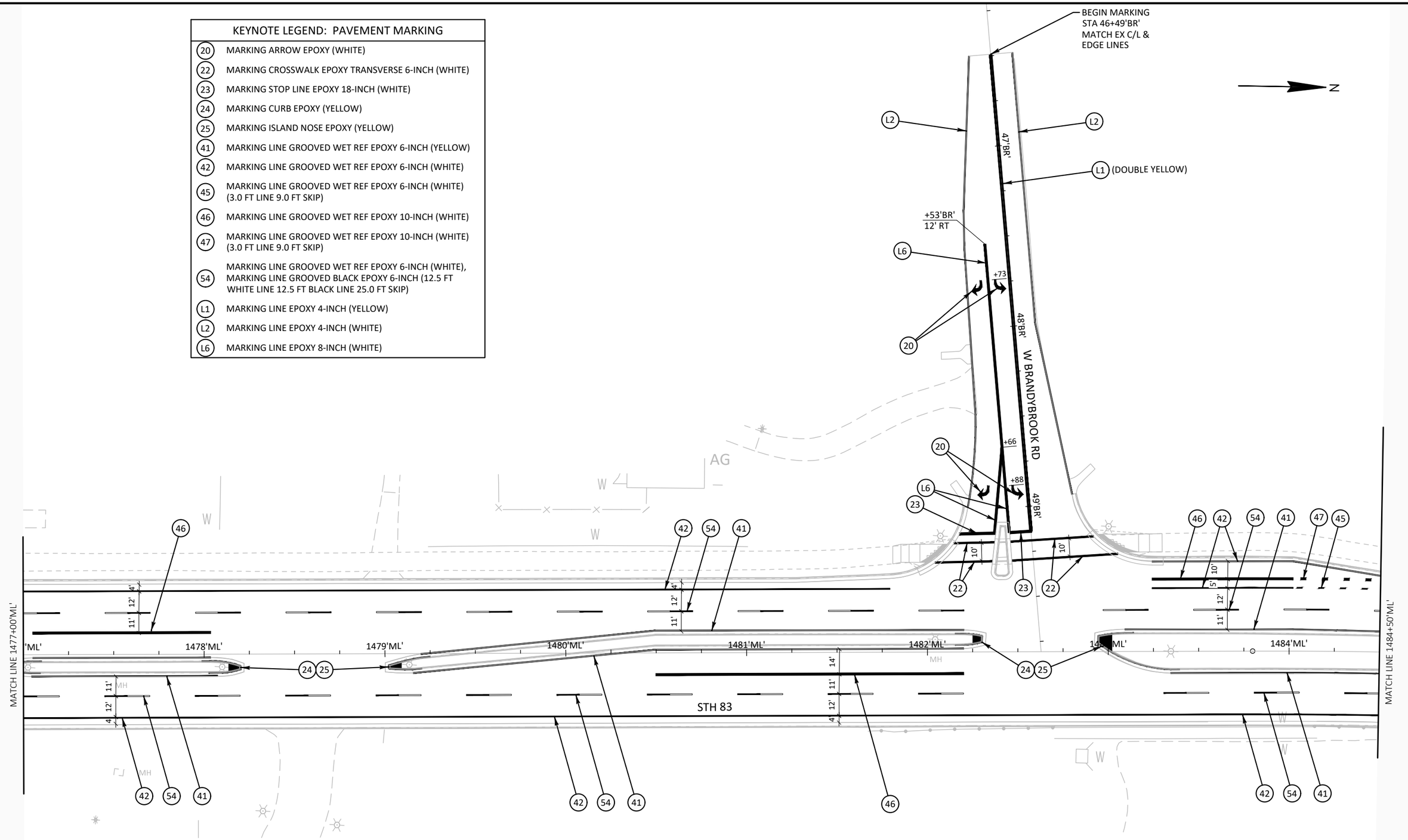
KEYNOTE LEGEND: PAVEMENT MARKING	
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)



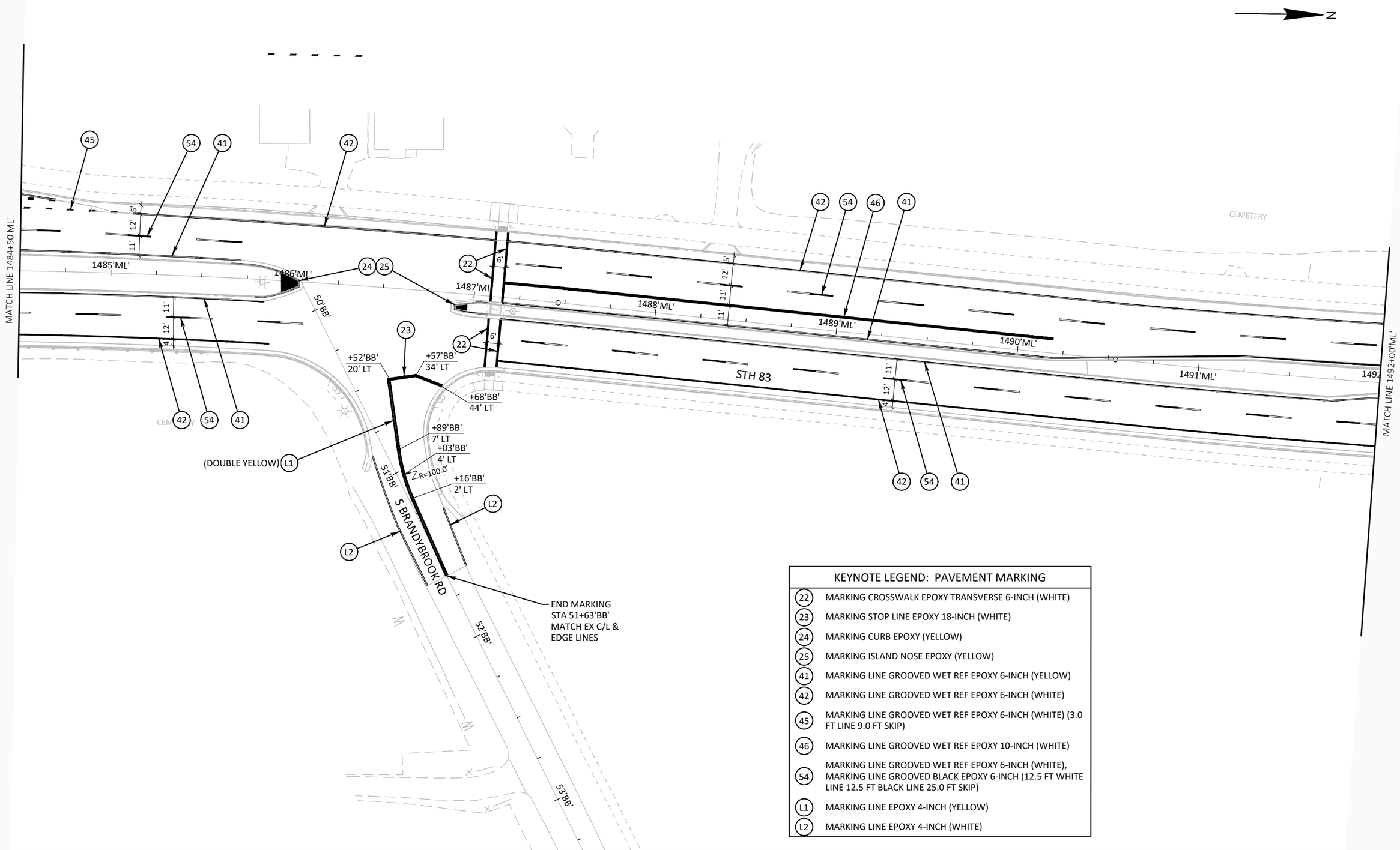
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 161 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\024500_pm (Pvmnt Marking).dwg PLOT DATE : 4/30/2025 3:06 PM PLOT BY : SEH LAYOUT NAME : 09 PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

KEYNOTE LEGEND: PAVEMENT MARKING	
20	MARKING ARROW EPOXY (WHITE)
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
47	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)
L2	MARKING LINE EPOXY 4-INCH (WHITE)
L6	MARKING LINE EPOXY 8-INCH (WHITE)



2

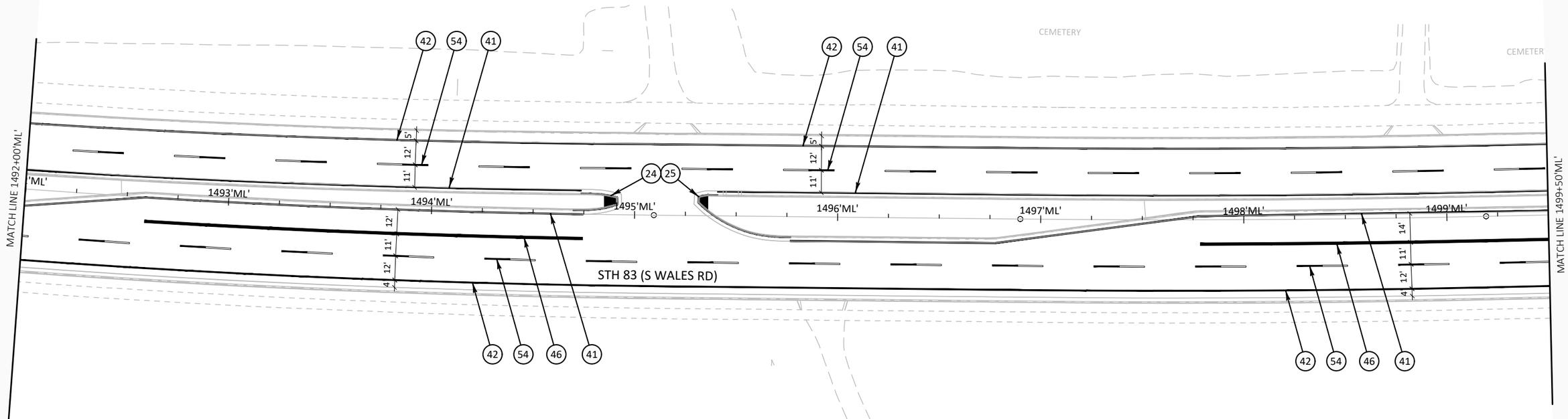


KEYNOTE LEGEND: PAVEMENT MARKING	
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)
L2	MARKING LINE EPOXY 4-INCH (WHITE)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 163 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\024500_pm (Pvmnt Marking).dwg PLOT DATE : 4/30/2025 3:06 PM PLOT BY : SEH LAYOUT NAME : 11 PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

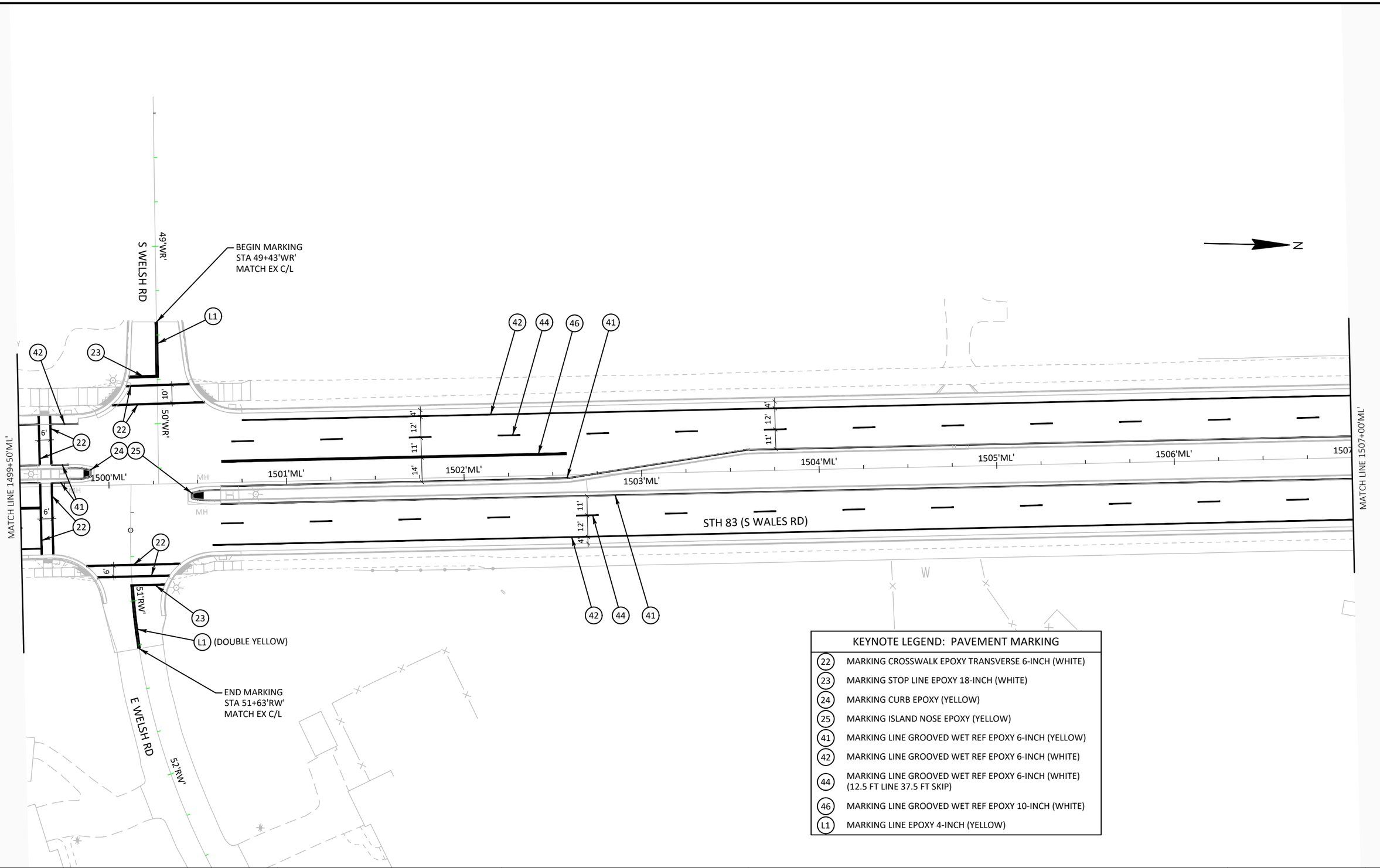
2



KEYNOTE LEGEND: PAVEMENT MARKING	
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 164 E

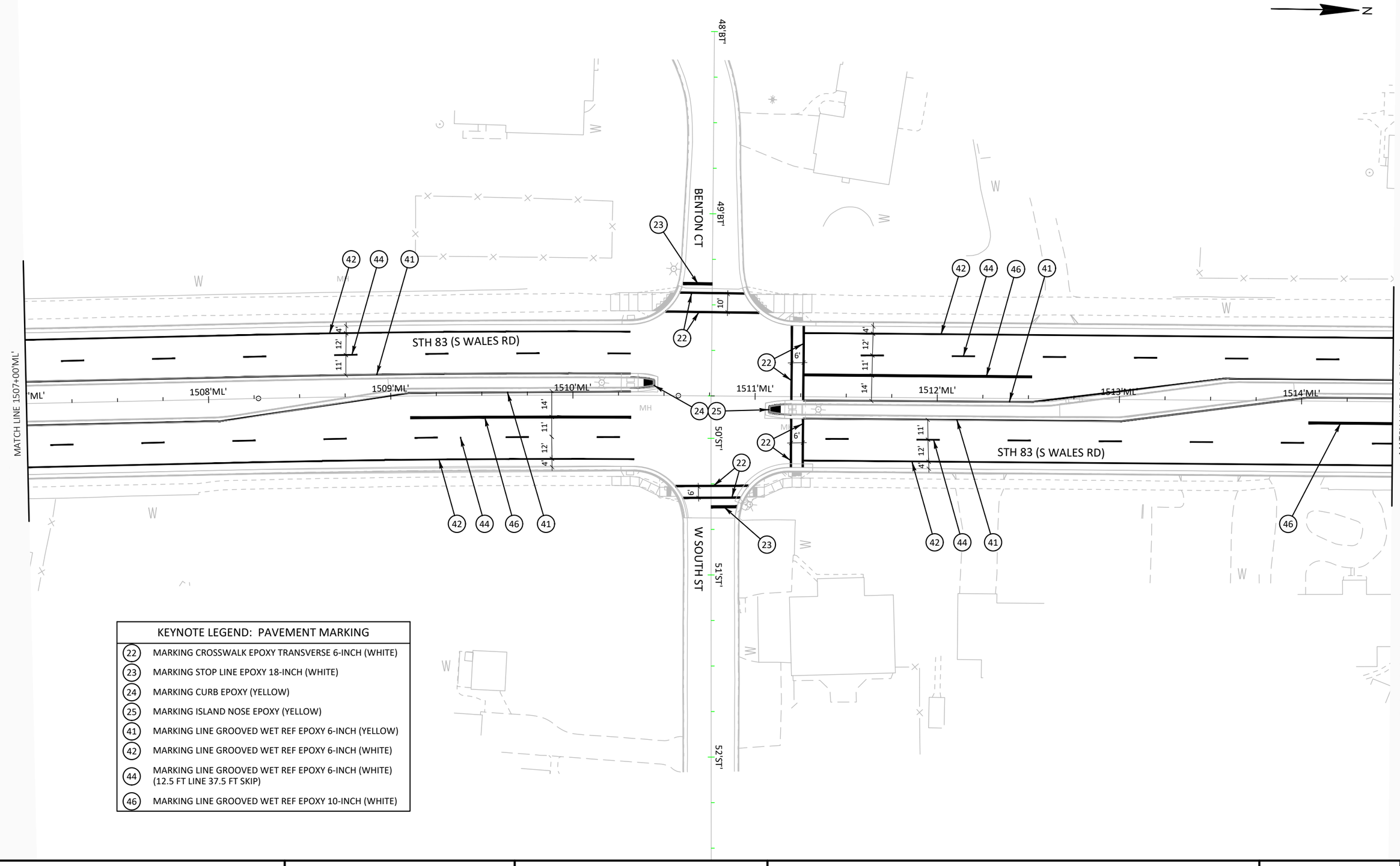
2



KEYNOTE LEGEND: PAVEMENT MARKING	
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
44	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 165 E

2



KEYNOTE LEGEND: PAVEMENT MARKING	
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
44	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 166	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\024500_pm (Pvmnt Marking).dwg PLOT DATE : 4/30/2025 3:06 PM PLOT BY : SEH LAYOUT NAME : 14 PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2

N

CRIGLAS RD

BEGIN MARKING
STA 50+84'CR'
MATCH EX C/L

(DOUBLE YELLOW) L1

51'CR'

52'CR'

53'CR'

54'CR'

STH 83 (S WALES RD)

MATCH LINE 1514+50'ML'

MATCH LINE 1522+00'ML'

1515'ML'

1516'ML'

1517'ML'

1518'ML'

1519'ML'

1520'ML'

1521'ML'

PE

W MAIN ST

50'MT'

51'MT'

52'MT'

+79'MT'

+32'MT'

+52'MT'

MH

W

KEYNOTE LEGEND: PAVEMENT MARKING	
20	MARKING ARROW EPOXY (WHITE)
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
44	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)
L6	MARKING LINE EPOXY 8-INCH (WHITE)

L1 (DOUBLE YELLOW)

END MARKING
STA 53+53'CR'
MATCH EX C/L

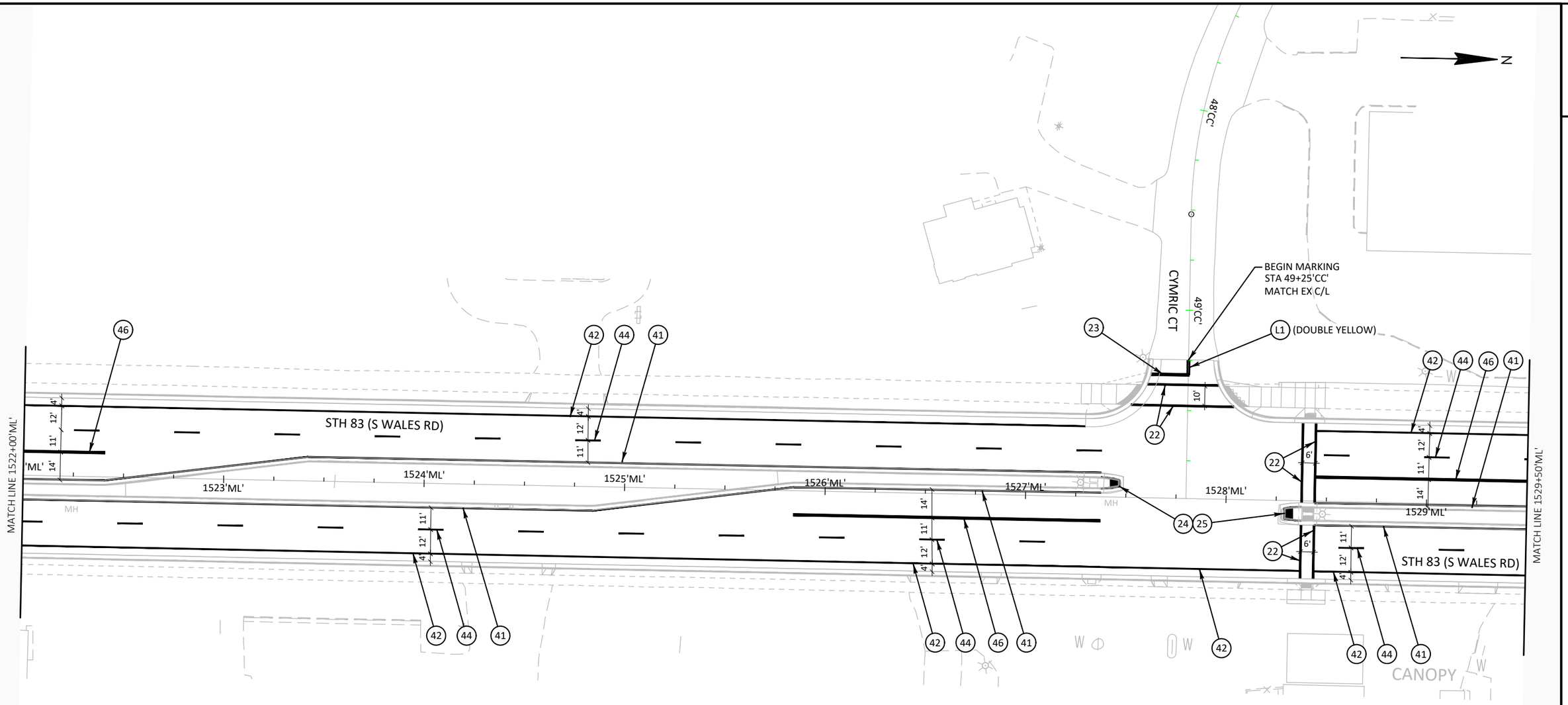
L6 MARKING LINE EPOXY
8-INCH (WHITE)

L1 (DOUBLE YELLOW)

END MARKING
STA 51+64'MT'
MATCH EX C/L

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 167 E

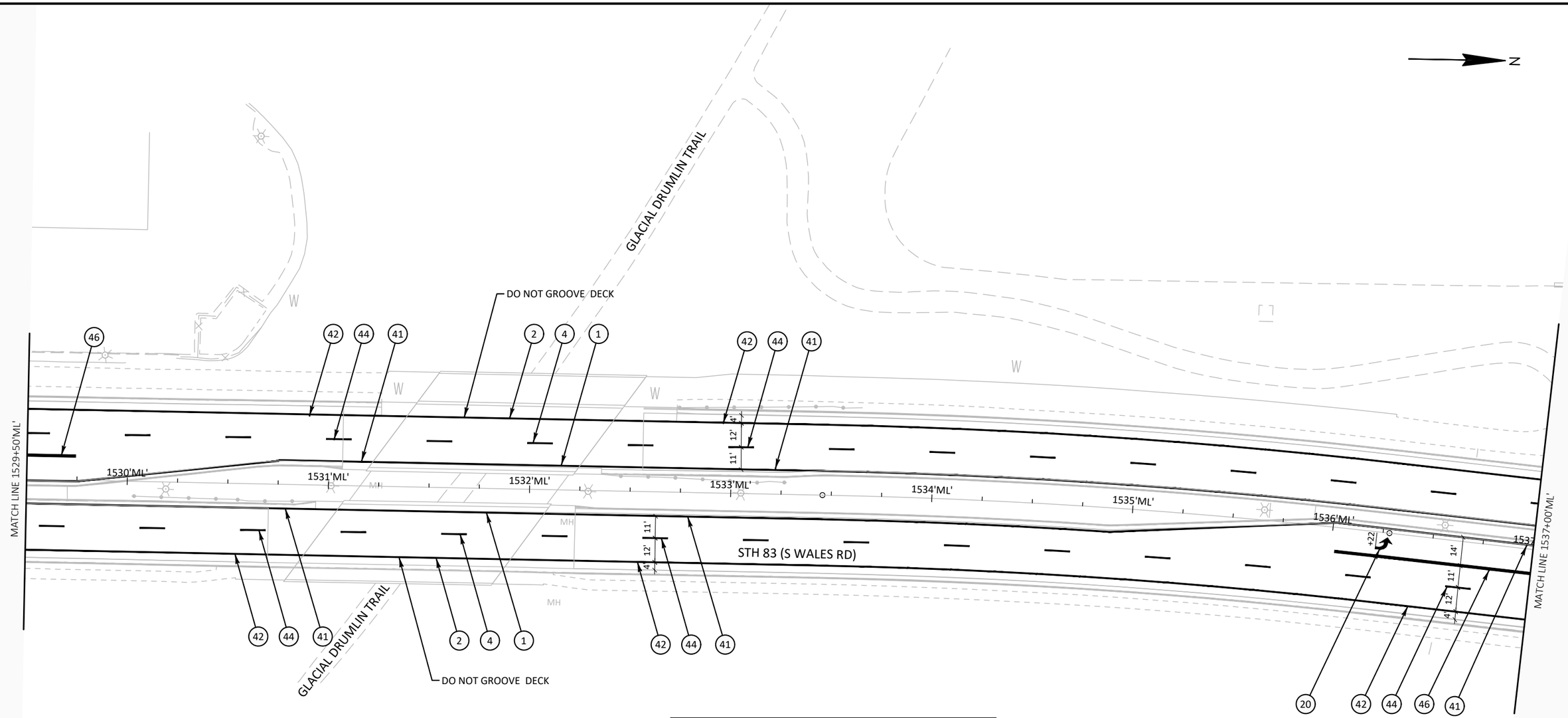
2



KEYNOTE LEGEND: PAVEMENT MARKING	
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
44	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 168	E

2

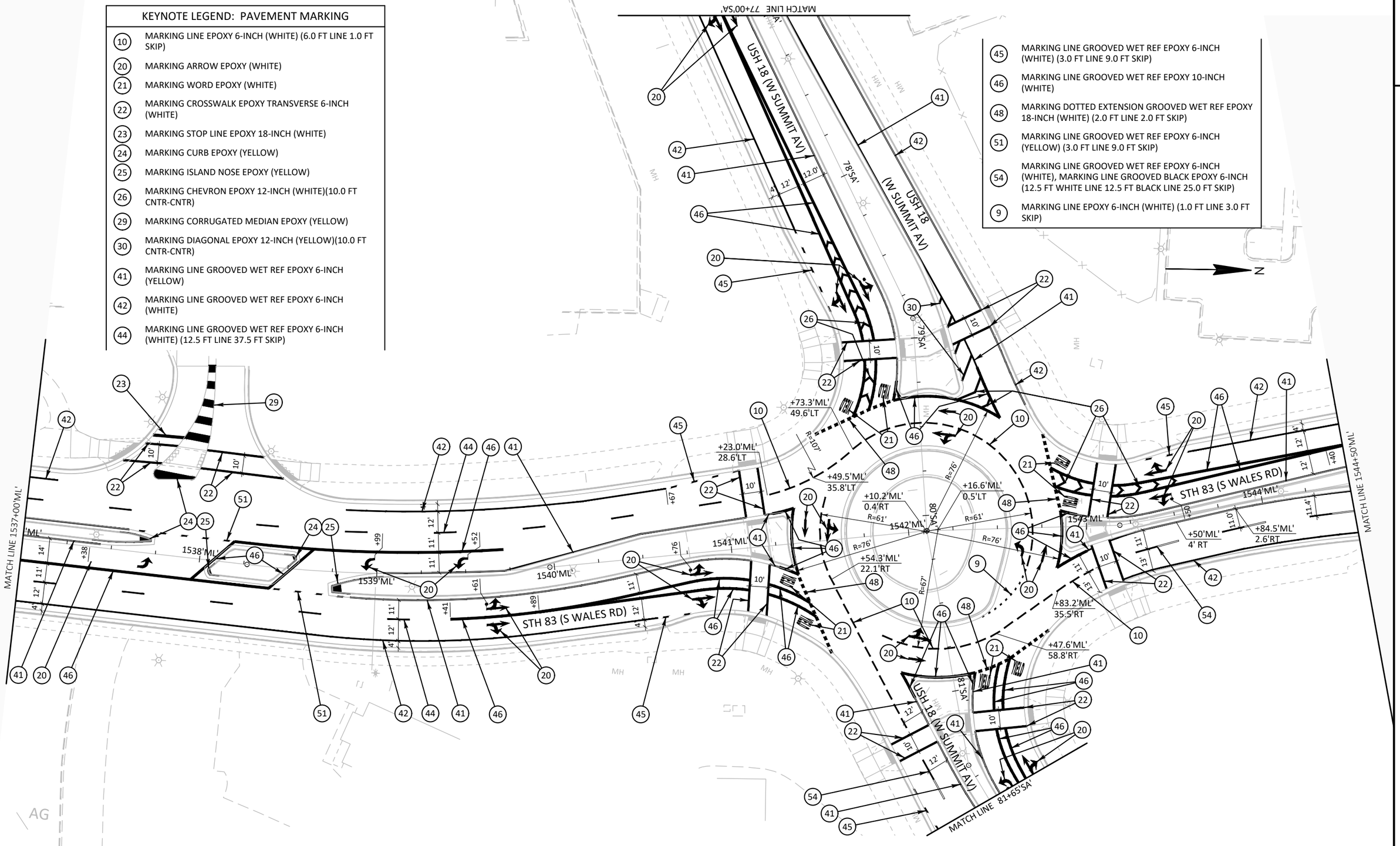


KEYNOTE LEGEND: PAVEMENT MARKING	
1	MARKING LINE EPOXY 6-INCH (YELLOW)
2	MARKING LINE EPOXY 6-INCH (WHITE)
20	MARKING ARROW EPOXY (WHITE)
4	MARKING LINE EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
44	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 169 E

KEYNOTE LEGEND: PAVEMENT MARKING

10	MARKING LINE EPOXY 6-INCH (WHITE) (6.0 FT LINE 1.0 FT SKIP)
20	MARKING ARROW EPOXY (WHITE)
21	MARKING WORD EPOXY (WHITE)
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
26	MARKING CHEVRON EPOXY 12-INCH (WHITE)(10.0 FT CNTR-CNTR)
29	MARKING CORRUGATED MEDIAN EPOXY (YELLOW)
30	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)(10.0 FT CNTR-CNTR)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
44	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
48	MARKING DOTTED EXTENSION GROOVED WET REF EPOXY 18-INCH (WHITE) (2.0 FT LINE 2.0 FT SKIP)
51	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (3.0 FT LINE 9.0 FT SKIP)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
9	MARKING LINE EPOXY 6-INCH (WHITE) (1.0 FT LINE 3.0 FT SKIP)



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 170	E

2

N

NEWPORT DR

MATCH LINE 1544+50'ML'

MATCH LINE 1551+75'ML'

STH 83 (S WALES RD)

1545'ML'

1546'ML'

1547'ML'

1548'ML'

1549'ML'

1550'ML'

1551'ML'

+88

+26.5'ML'
11.2'RT

R=711.5'

+69.8'ML'
15.0'RT

+14'ML'
34'LT

+85.1'ML'
10.0'LT

R=1460.0'

+82.7'ML'
11.1'LT

+80.4'ML'
14.0'LT

+21'ML'
15' RT

+33'ML'
39' RT

11.8'

12.0'

12'

10'

4'

8'

11'

5'

KEYNOTE LEGEND: PAVEMENT MARKING	
20	MARKING ARROW EPOXY (WHITE)
21	MARKING WORD EPOXY (WHITE)
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
57	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 10-INCH (3.0 FT WHITE LINE 3.0 FT BLACK LINE 6.0 FT SKIP)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 171 E

2

N

HIGH MEADOW CIR

48'HM'

49'HM'

50'HM'

51'HM'

52'HM'

BEGIN MARKING
STA 49+13'HM'
MATCH EX C/L

L1 (DOUBLE YELLOW)

5.6'

10'

STH 83 (S WALES RD)

MATCH LINE 1551+75'ML'

MATCH LINE 1559+00'ML'

1552'ML'

1553'ML'

1554'ML'

1555'ML'

1556'ML'

1557'ML'

1558'ML'

+97'ML'
39' LT

+60'ML'
1' LT

+04'ML'
15' RT

+01'ML'
39' RT

+24'ML'
1' RT

+13'ML'
15' RT

+10'ML'
39' RT

+22'ML'
15' LT

+72'ML'
15' LT

+90'ML'
15' RT

+46'ML'
15' RT

8'
12'
4'
12'
12'
4'
12'
5'
11'

END MARKING
STA 52+03'HM'
MATCH EX C/L

HIGH MEADOW LN

KEYNOTE LEGEND: PAVEMENT MARKING	
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
57	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 10-INCH (3.0 FT WHITE LINE 3.0 FT BLACK LINE 6.0 FT SKIP)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 172 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\024500_pm (Pvmnt Marking).dwg PLOT DATE : 4/30/2025 3:07 PM PLOT BY : SEH LAYOUT NAME : 20 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

KEYNOTE LEGEND: PAVEMENT MARKING

22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
57	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 10-INCH (3.0 FT WHITE LINE 3.0 FT BLACK LINE 6.0 FT SKIP)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)

N

BOYS SCHOOL RD

BEGIN MARKING
STA 48+92'BS'
MATCH EX C/L

L1 (DOUBLE YELLOW)

49'BS'

MATCH LINE 1559+00'ML'

+77'ML'
15' LT

1560'ML'

+82'ML'
1' LT

1561'ML'

1562'ML'

1563'ML'

1564'ML'

1565'ML'

1566'ML'

STH 83 (S WALES RD)

MATCH LINE 1566+50'ML'

+69'GP'
12' LT

51'GP'

L1 (DOUBLE YELLOW)

END MARKING
STA 51+28'GP'
MATCH EX C/L

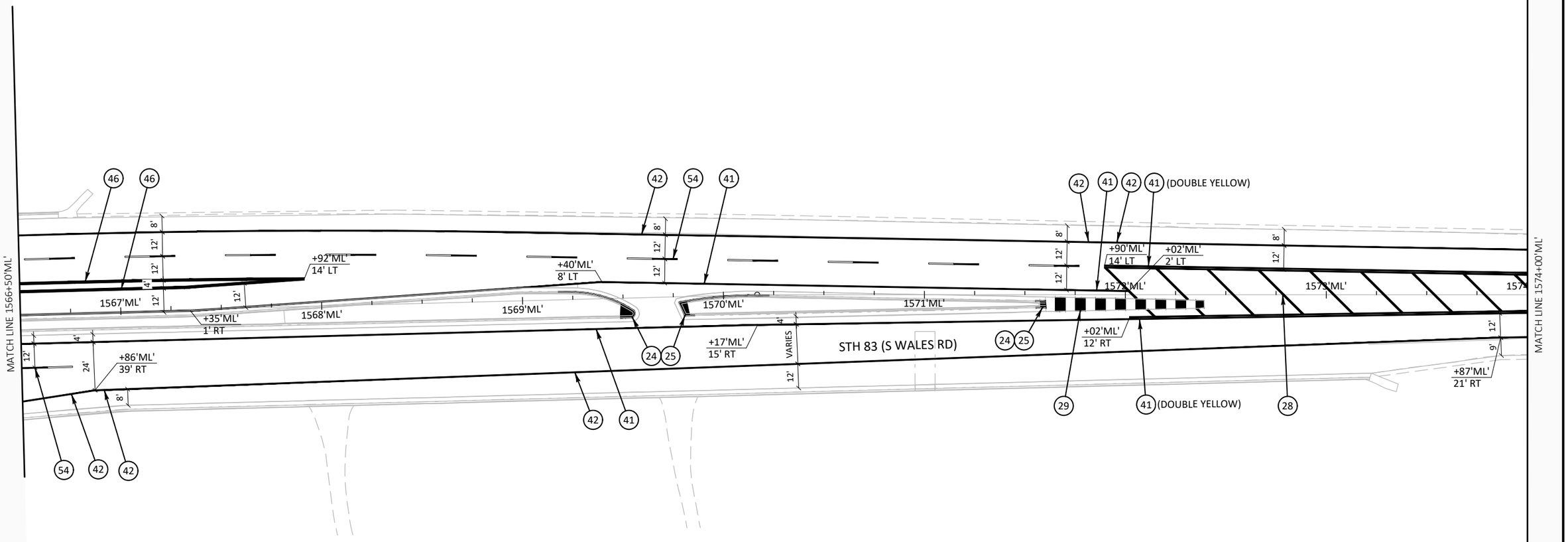
GLACIER PASS (S)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 173	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\024500_pm (Pvmnt Marking).dwg PLOT DATE : 4/30/2025 3:07 PM PLOT BY : SEH LAYOUT NAME : 21 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

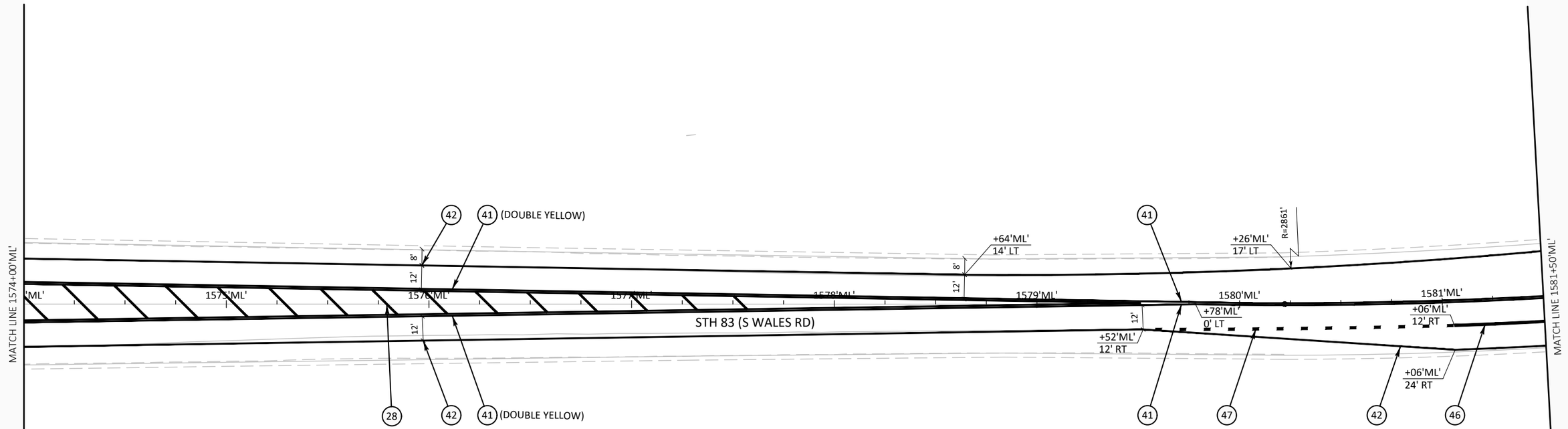
2



KEYNOTE LEGEND: PAVEMENT MARKING	
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
28	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)(25.0 FT CNTR-CNTR)
29	MARKING CORRUGATED MEDIAN EPOXY (YELLOW)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)

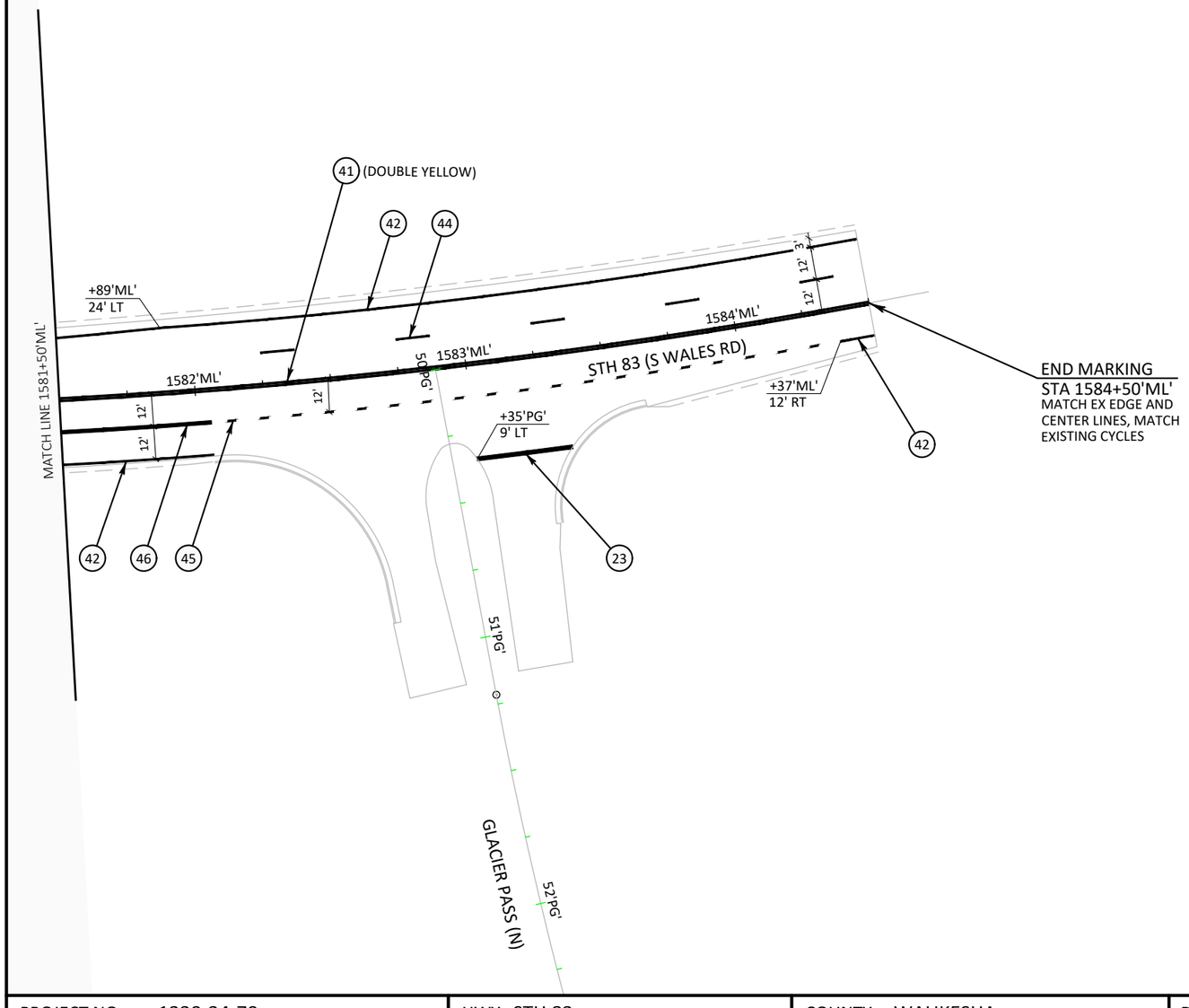
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 174 E

2



KEYNOTE LEGEND: PAVEMENT MARKING	
28	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)(25.0 FT CNTR-CNTR)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
47	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)

2



N

KEYNOTE LEGEND: PAVEMENT MARKING	
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
44	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 176 E

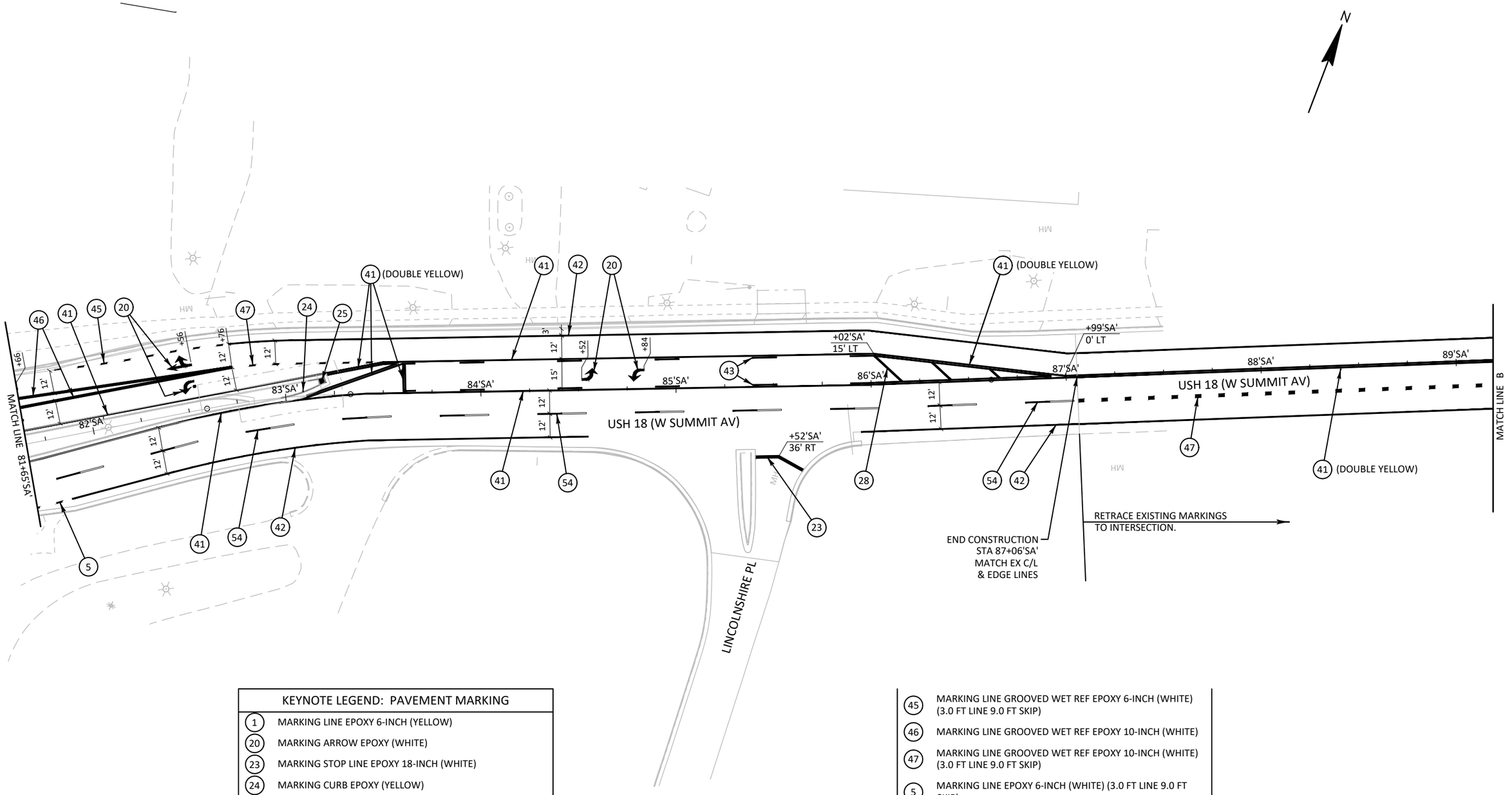
KEYNOTE LEGEND: PAVEMENT MARKING

10	MARKING LINE EPOXY 6-INCH (WHITE) (6.0 FT LINE 1.0 FT SKIP)
20	MARKING ARROW EPOXY (WHITE)
21	MARKING WORD EPOXY (WHITE)
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
25	MARKING ISLAND NOSE EPOXY (YELLOW)
26	MARKING CHEVRON EPOXY 12-INCH (WHITE)(10.0 FT CNTR-CNTR)
30	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)(10.0 FT CNTR-CNTR)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
48	MARKING DOTTED EXTENSION GROOVED WET REF EPOXY 18-INCH (WHITE) (2.0 FT LINE 2.0 FT SKIP)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)
L1	MARKING LINE EPOXY 4-INCH (YELLOW)
L6	MARKING LINE EPOXY 8-INCH (WHITE)

MORAINE VIEW DR
BLACKWOOD DR
MATCH EX C/L
MATCH EX C/L
BEGIN MARKING STA 70+22'SA'
70'SA'
71'SA'
72'SA'
73'SA'
74'SA'
75'SA'
76'SA'
77'SA'
MATCH LINE 77+00'SA'
USH 18 (W SUMMIT AV)
USH 18 (W SUMMIT AV)
+79'SA' 11' RT
+91'SA' 25' RT
+19'SA' 42' RT
+45'SA' 3' RT
+69'SA' 28' RT
MATCH EX ARROWS
R=56'
R=38'
R=200'
MH
AG
CE

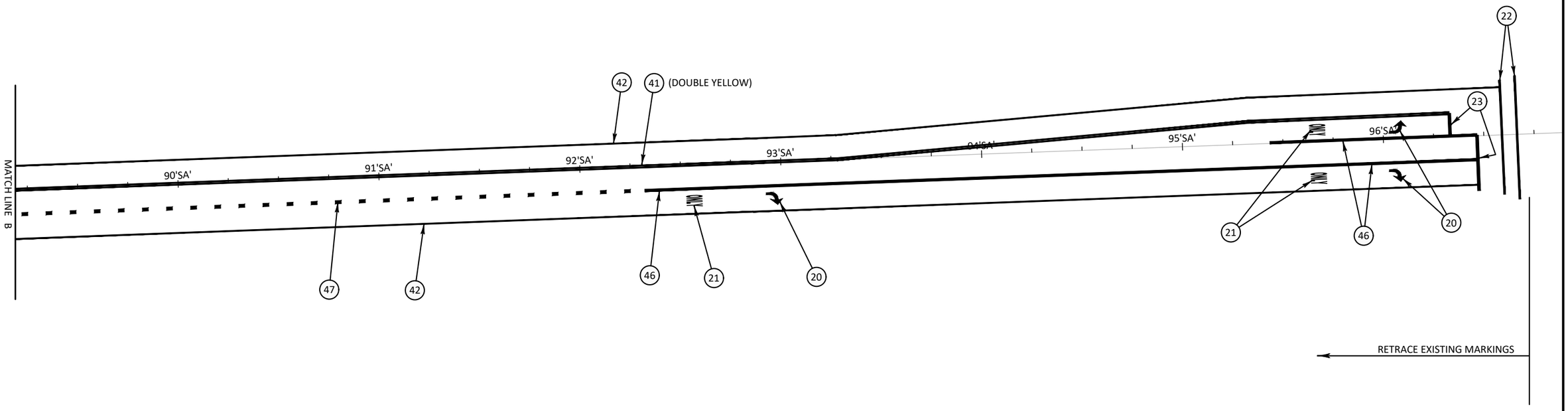
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 177 E

2



KEYNOTE LEGEND: PAVEMENT MARKING	
1	MARKING LINE EPOXY 6-INCH (YELLOW)
20	MARKING ARROW EPOXY (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
24	MARKING CURB EPOXY (YELLOW)
28	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)(25.0 FT CNTR-CNTR)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
43	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5 FT LINE 37.5 FT SKIP)
45	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
47	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
5	MARKING LINE EPOXY 6-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)
54	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE), MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT WHITE LINE 12.5 FT BLACK LINE 25.0 FT SKIP)

2



KEYNOTE LEGEND: PAVEMENT MARKING	
20	MARKING ARROW EPOXY (WHITE)
21	MARKING WORD EPOXY (WHITE)
22	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
23	MARKING STOP LINE EPOXY 18-INCH (WHITE)
41	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
42	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
46	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
47	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) (3.0 FT LINE 9.0 FT SKIP)

GENERAL NOTES FOR CONSTRUCTION STAGING AND TRAFFIC CONTROL

1. TRAFFIC CONTROL DRUMS IN TAPERS SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE "C", ONE WAY LIGHTS, UNLESS OTHERWISE SHOWN.
2. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
3. SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED. THE COVERING OF TYPE II SIGNS IS INCLUDED UNDER THE BID ITEM TRAFFIC CONTROL COVERING SIGNS TYPE II.
4. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
5. ALL TRAFFIC CONTROL SIGNS SHALL BE 48"X48" UNLESS OTHERWISE NOTED IN THE PLANS.
6. A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE "WORK/CLOSED" AREAS IF WARRANTED BY CONDITIONS AND/OR AS DIRECTED BY THE ENGINEER.
7. CONTRACTOR SHALL INSTALL PERMANENT SIGNS AND PERMANENT PAVEMENT MARKING WHEN APPROPRIATE DURING CONSTRUCTION STAGING AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
8. ADEQUATE TURNING PROVISIONS SHALL BE MAINTAINED FOR ALL VEHICLES, INCLUDING TRUCKS.
9. BARRICADE STRIPES SHALL POINT DOWNWARD IN THE DIRECTION OF TRAFFIC FLOW.
10. THE CONTRACTOR SHALL ENSURE ADEQUATE DRAINAGE AND AVOID ANY PONDING OR STANDING WATER DURING THE STAGED CONSTRUCTION.
11. PLACE ROADWORK AHEAD SIGNS (W20-1A) ON ALL SIDE ROADS IN ACCORDANCE WITH SDD "BARRICADES AND SIGNS FOR SIDE ROAD CLOSURES."
12. SHIFT TRAVEL LANES FOR OFF-PEAK WORK IN ACCORDANCE WITH SDD "TRAFFIC CONTROL, FULL LANE SHIFT, NON-FREEWAY/EXPRESSWAY OR MULTILANE DIVIDED 45MPH OR UNDER" AND "TRAFFIC CONTROL, LANE SHIFT, MULTI-LANE DIVIDED."
13. MILL AND PAVE SIDEROADS DURING OFF-PEAK HOURS BY CLOSING PORTIONS OF THE SIDEROAD WHILE MAINTAINING TRAFFIC IN OPEN LANES. UTILIZE FLAGGERS WHERE CLOSING ONLY A PORTION OF THE SIDEROAD IS NOT POSSIBLE TO MAINTAIN ACCESS. FOLLOW STANDARD DETAIL DRAWINGS FOR TEMPORARY LANE CLOSURES AND FLAGGING OPERATIONS. OPEN SIDEROADS TO NORMAL TRAFFIC LANES PRIOR TO DAYTIME HOURS EACH DAY.

TRAFFIC CONTROL - GENERAL SEQUENCE OF OPERATIONS

STAGE 1 (OFF-PEAK NIGHTTIME FULL CLOSURES):

CLOSE THE STH 83 ROADWAY FOR ROUNDABOUT CONSTRUCTION AT THE STH 83/CTH E/CTH DE, STH 83/USH 18, AND USH 18/BLACKWOOD DRIVE ROUNDABOUTS OVER FOUR NIGHTS DURING OFF-PEAK HOURS. OPEN STH 83 AND CONNECTING ROADWAYS TO TRAFFIC PRIOR TO PEAK HOURS EACH DAY.

STAGE 2:

CLOSE THE STH 83 INSIDE TRAVEL LANE/MEDIAN TO TRAFFIC AND REDUCE TRAFFIC TO A SINGLE LANE IN EACH DIRECTION AS SHOWN ON THE PLANS. MAINTAIN ONE LANE OF TRAFFIC ON THE OUTSIDE LANE IN EACH DIRECTION.

CLOSE THE USH 18 INSIDE TRAVEL LANE/MEDIAN TO TRAFFIC AND REDUCE TRAFFIC TO A SINGLE LANE IN EACH DIRECTION AS SHOWN ON THE PLANS. MAINTAIN ONE LANE OF TRAFFIC ON THE OUTSIDE LANE IN EACH DIRECTION.

MILL AND PAVE THROUGH INTERSECTIONS DURING OFF-PEAK HOURS WITH THE USE OF FLAGGERS.

PROVIDE PEDESTRIAN DETOURS PRIOR TO CLOSING CURB RAMPS IN THE MEDIANS. DO NOT CLOSE MORE THAN ONE MEDIAN CURB RAMP ORIENTED IN THE SAME DIRECTION (NORTH/SOUTH OR EAST/WEST) IN ANY INTERSECTION AT ONE TIME. DO NOT CLOSE CROSSWALKS IN CONSECUTIVE INTERSECTIONS AT THE SAME TIME.

STAGE 3:

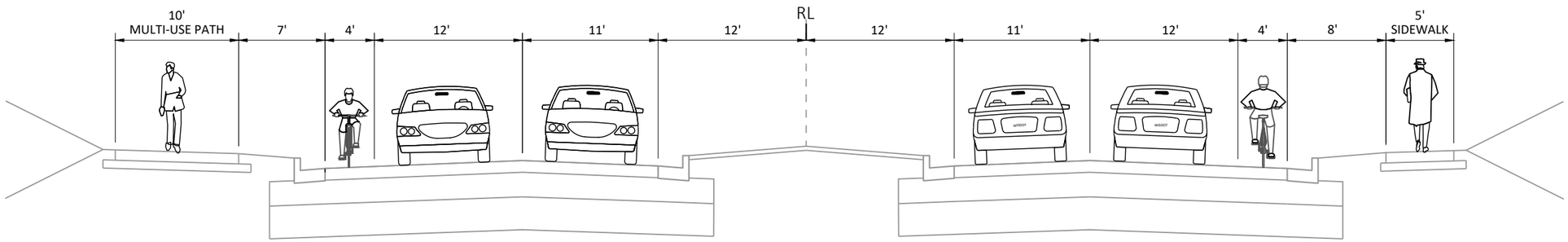
CLOSE THE STH 83 OUTSIDE LANE/SHOULDER AND REDUCE TRAFFIC TO A SINGLE LANE IN EACH DIRECTION AS SHOWN ON THE PLANS. MAINTAIN ONE LANE OF TRAFFIC ON THE INSIDE LANE IN EACH DIRECTION.

CLOSE THE STH 83 OUTSIDE LANE/SHOULDER FROM THE BEGIN PROJECT LIMITS TO CTH E/DE AND REDUCE TRAFFIC TO A SINGLE LANE IN EACH DIRECTION AS SHOWN ON THE PLANS. MAINTAIN LANES OF TRAFFIC UTILIZING FLAGGING OPERATIONS.

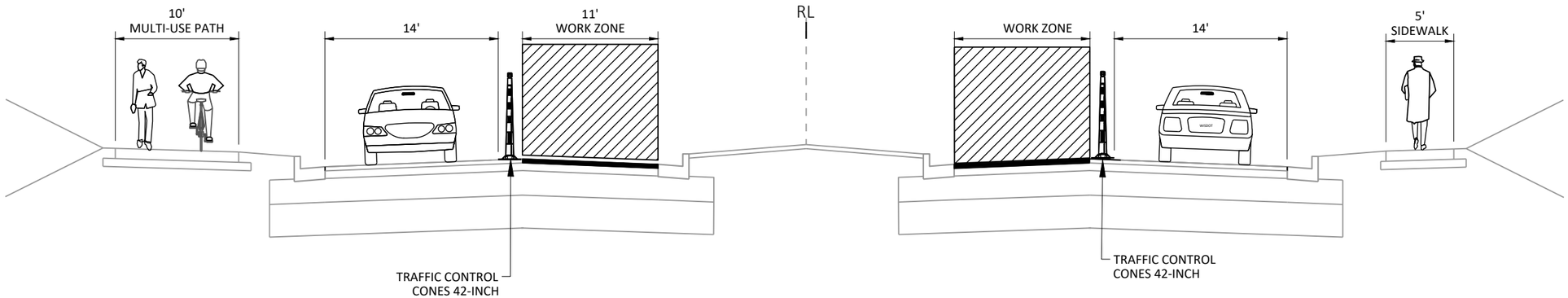
CLOSE THE USH 18 OUTSIDE LANE/SHOULDER AND REDUCE TRAFFIC TO A SINGLE LANE IN EACH DIRECTION AS SHOWN ON THE PLANS. MAINTAIN ONE LANE OF TRAFFIC ON THE INSIDE LANE IN EACH DIRECTION UTILIZING FLAGGING OPERATIONS.

MILL AND PAVE SIDEROADS DURING OFF-PEAK HOURS BY CLOSING PORTIONS OF THE SIDEROAD WHILE MAINTAINING TRAFFIC ON OPEN LANES. UTILIZE FLAGGERS WHERE CLOSING ONLY A PORTION OF THE SIDEROAD IS NOT POSSIBLE. FOLLOW STANDARD DETAIL DRAWINGS FOR TEMPORARY LANE CLOSURES AND FLAGGING OPERATIONS. OPEN SIDEROADS TO NORMAL TRAFFIC LANES PRIOR TO PEAK HOURS EACH DAY.

PROVIDE PEDESTRIAN DETOURS AND TEMPORARY PEDESTRIAN CURB RAMPS ALONG THE CLOSED OUTSIDE LANE/SHOULDER PRIOR TO CONSTRUCTING CURB RAMP REPLACEMENTS. DO NOT CLOSE MORE THAN ONE CROSSWALK IN THE SAME DIRECTION (NORTH/SOUTH OR EAST/WEST) IN ANY INTERSECTION AT ONE TIME. DO NOT CLOSE CROSSWALKS IN CONSECUTIVE INTERSECTIONS AT THE SAME TIME.

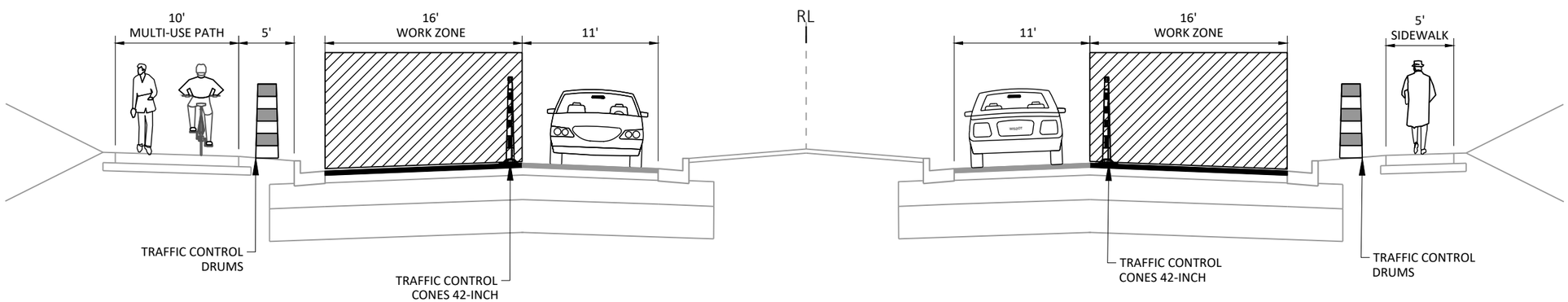


TYPICAL EXISTING SECTION



STAGE 2

MILL 2-INCHES AND PLACE 2-INCH OVERLAY
WITHIN WORK ZONE LIMITS



STAGE 3

MILL 2-INCHES AND PLACE 2-INCH OVERLAY
WITHIN WORK ZONE LIMITS

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 181	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\025100_TC (TRAFFIC CONTROL TYPICALS).DWG PLOT DATE : 7/14/2025 11:51 AM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 01
WISDOT/CADDS SHEET 42

2

2

N

PERKINS RD

01t

1420'ML'

01b

1440'ML'

STH 83

02t

BEGIN PROJECT
STA 1416+00'ML'

STH 83

CTH E (W TOMLIN RD)

02b

03t

1460'ML'

03b

PORT HAMEL CT

W BRANDY-BROOK RD

04t

1480'ML'

04b

STH 83 (S WALES RD)

S BRANDYBROOK RD

05t

1500'ML'

S WELSH RD

05b

E WELSH RD

MATCH LINE 1505+00'ML'

HARVEST DR

CTH DE (SUNSET DR)

LONDON DR

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

N

MATCH LINE 1505+00'ML'

06t

BENTON CT

CRIGLAS RD

1520'ML'

CYMRIC CT

07b

06b

07t

STH 83 (S WALES RD)

W SOUTH ST

CRIGLAS RD

W MAIN ST

GLACIAL DRUMLIN TRAIL

MORAINE VIEW DR

USH 18 (W SUMMIT AV)

11t

BLACKWOOD DR

CE

08t

1540'ML'

11b

NEWPORT DR

08b

LINCOLNSHIRE PL

12t

USH 18 (W SUMMIT AV)

STH 83

09t

HIGH MEADOW CIR

BOY'S SCHOOL RD

SCUPPERNONG CREEK

1560'ML'

09b

HIGH MEADOW LN

10t

10b

1580'ML'

GLACIER PASS (S)

GLACIER PASS (N)

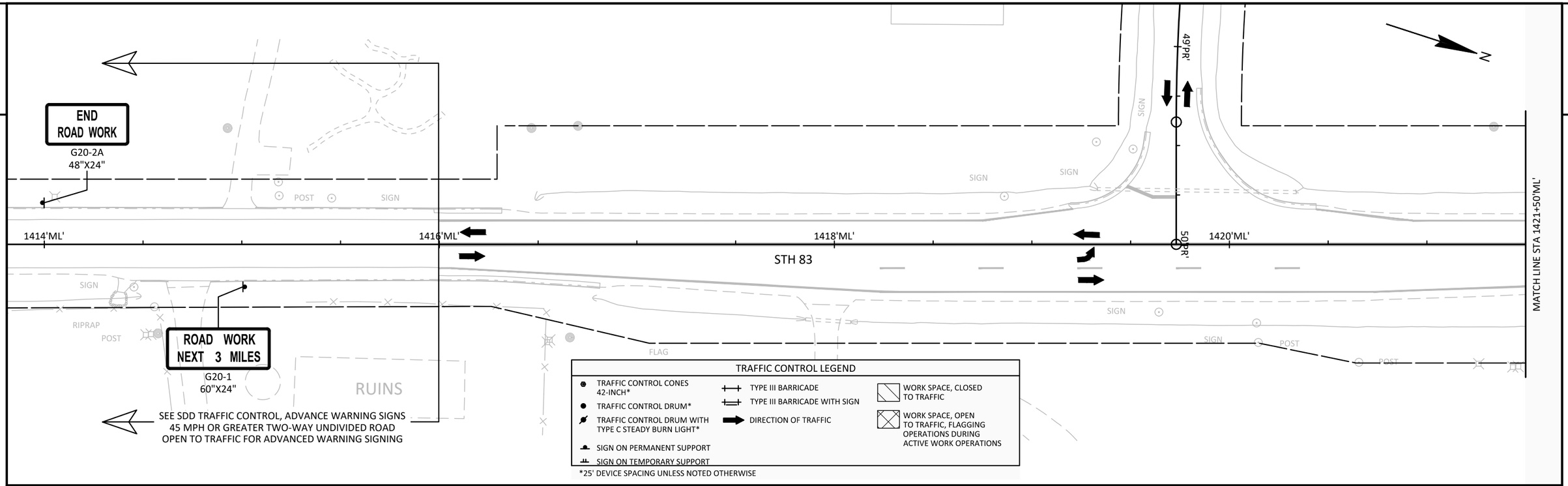
END PROJECT
STA 1584+50'ML'

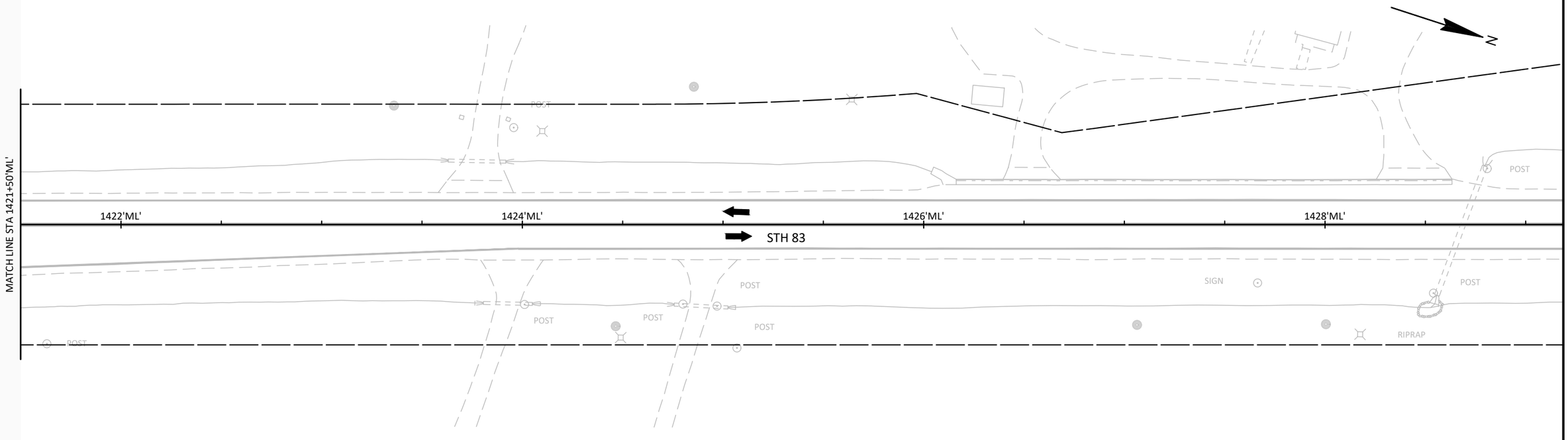
STH 83

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL OVERVIEW - STAGE 2	SHEET 182	E

FILE NAME : X:\UZ\W\WITSE\169804\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\CIVIL 3D 2022\13303400\SHEETS\SEC 02 TYP SEC & DETAILS\025100_TC STG 1 (TRAFFIC CONTROL-STAGE 1 OVERVIEW).DWG PLOT DATE : 7/14/2025 11:51 AM PLOT BY : SEH LAYOUT NAME : 01 PLOT SCALE : 1.0 IN = 600.0 FT

WISDOT/CADDS SHEET 42





PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 01 OF 14	SHEET 183	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 1 (Traffic Control-Stage 1).dwg
PLOT DATE : 7/14/2025 11:52 AM
PLOT BY : SEH
LAYOUT NAME : 01
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2

N

MATCH LINE STA 1451+50'ML'

1444'ML'

1446'ML'

1448'ML'

1450'ML'

STH 83

HARVEST DR

51'HV'

RIPRAP

POST

SIGN

INL

LEFT LANE CLOSED AHEAD
W20-5SA

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

KEYNOTE LEGEND: PAVEMENT MARKING

- T1 TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- T4 TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- R1 MARKING REMOVAL LINE 8-INCH
- R2 MARKING REMOVAL SPECIAL MARKING

MATCH LINE STA 1451+50'ML'

STH 83

CTH E (W TOMLIN RD)

59'CH'

60'CH'

CTH DE (SUNSET DR)

1452'ML'

1454'ML'

1456'ML'

1458'ML'

MATCH LINE STA 1459+00'ML'

BEGIN LEFT TURN LANE

R3-20L
24"X36"

T4

R1

T1

R2

25' (TYP)

50' (TYP)

50' (TYP)

W20-2L

WO1-6
48"X24"

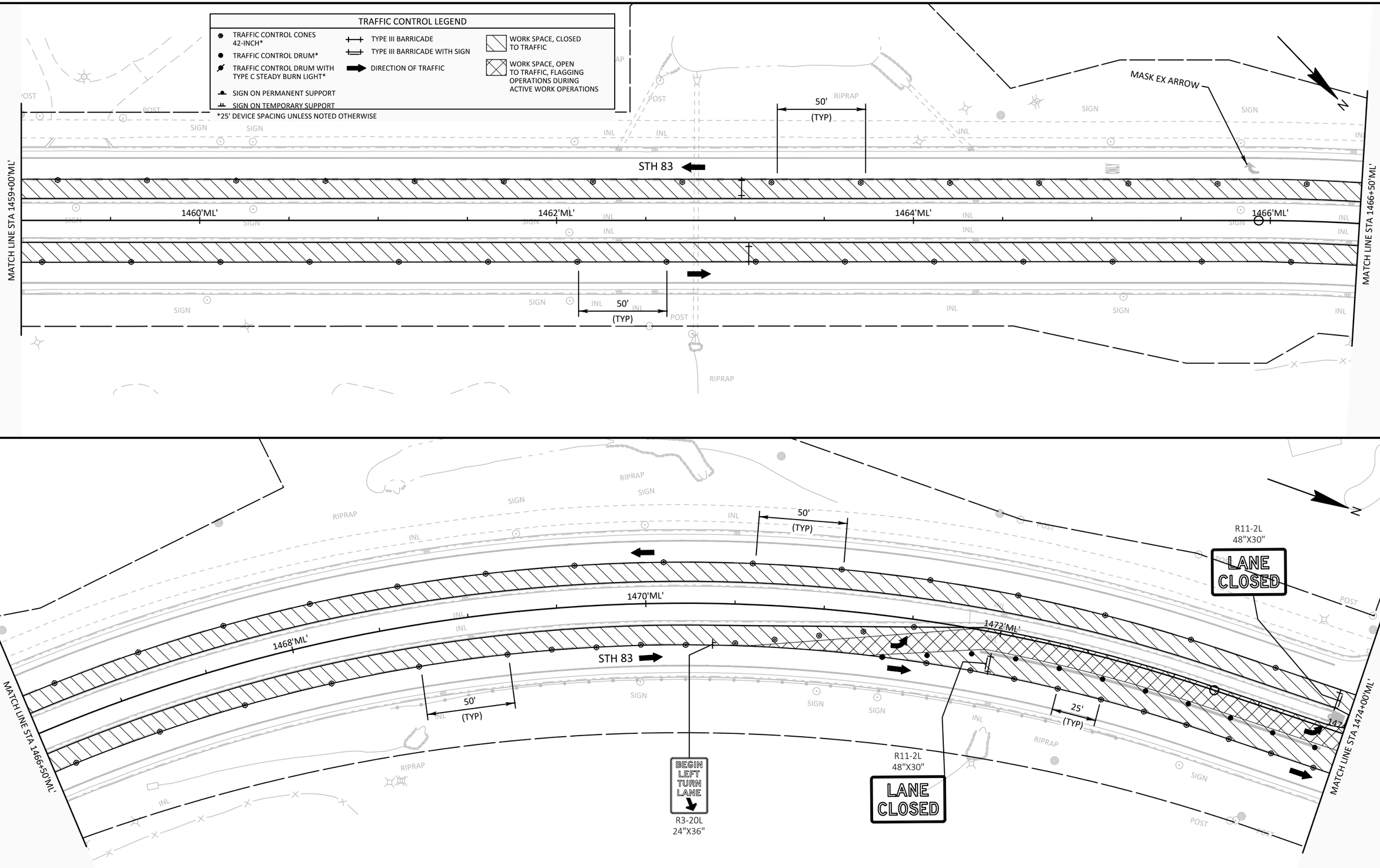
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 03 OF 14	SHEET 184	E

2

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 04 OF 14	SHEET 185	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 1 (Traffic Control-Stage 1).dwg
PLOT DATE : 7/14/2025 11:52 AM
PLOT BY : SEH
LAYOUT NAME : 04
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

N

R11-2L
48"X30"
LANE CLOSED

PORT HAMEL CT
49'PC'

MAINTAIN DRIVEABLE SURFACE FOR EMERGENCY VEHICLES AT ALL TIMES

MATCH LINE STA 1474+00'ML'

'ML'

1476'ML'

1478'ML'

1480'ML'

MATCH LINE STA 1481+50'ML'

STH 83

25'
(TYP)

10' SPACING (TYP)

FIRE STATION NO 37

FIRE STATION NO 37

BEGIN WORK ZONE

R3-20L
24"X36"

RIPRAP
SIGN
INL
POST
MH
W
AG
SLAB

R11-2L
48"X30"
LANE CLOSED

CTH G (W BRANDYBROOK RD)
49'BR'

R11-2L
48"X30"
LANE CLOSED

N

MATCH LINE STA 1481+50'ML'

STH 83

25'
(TYP)

1482'ML'

1484'ML'

1486'ML'

10' SPACING (TYP)

50'BR'

1488'ML'

MATCH LINE STA 1489+00'ML'

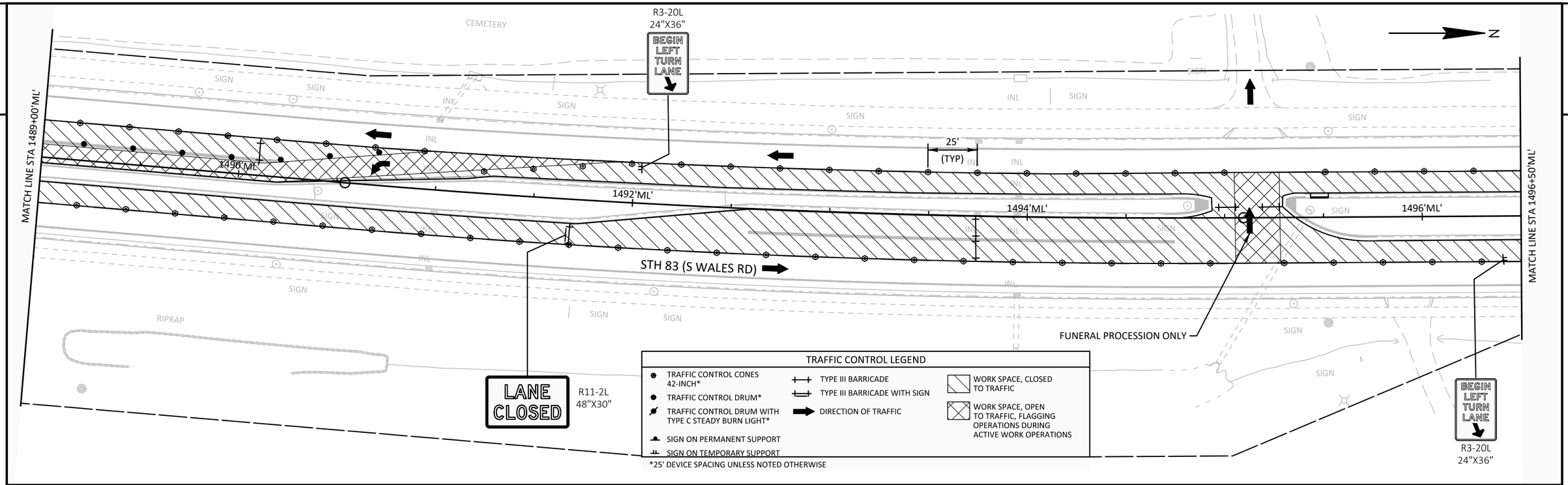
S BRANDYBROOK RD

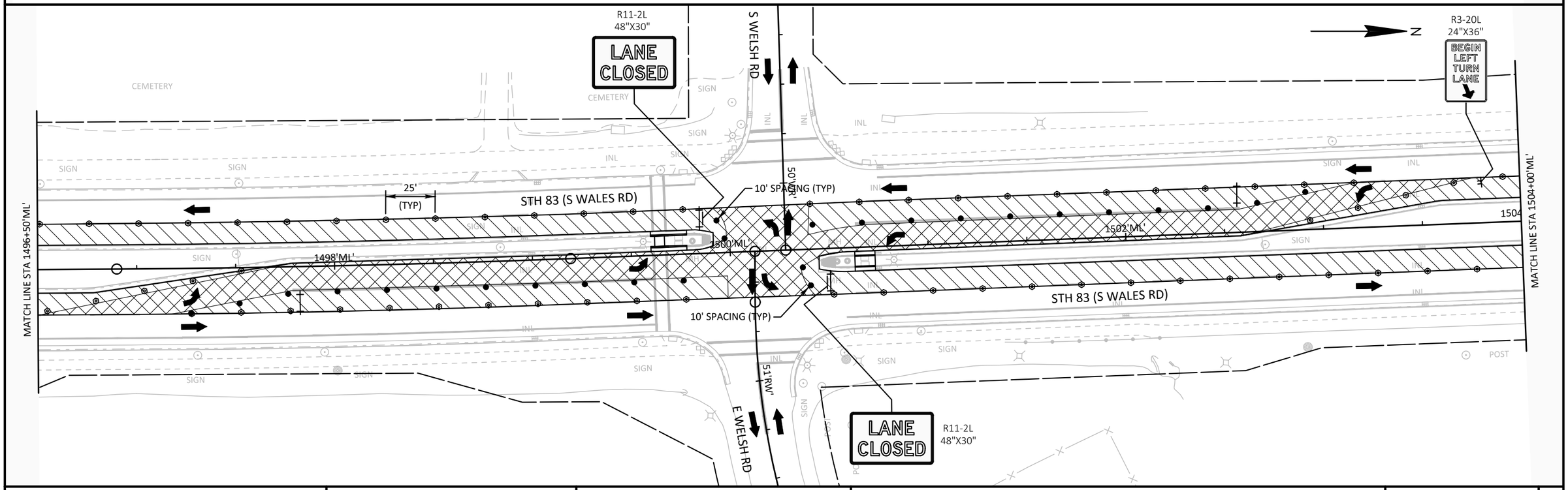
51'BR'

CEMETERY

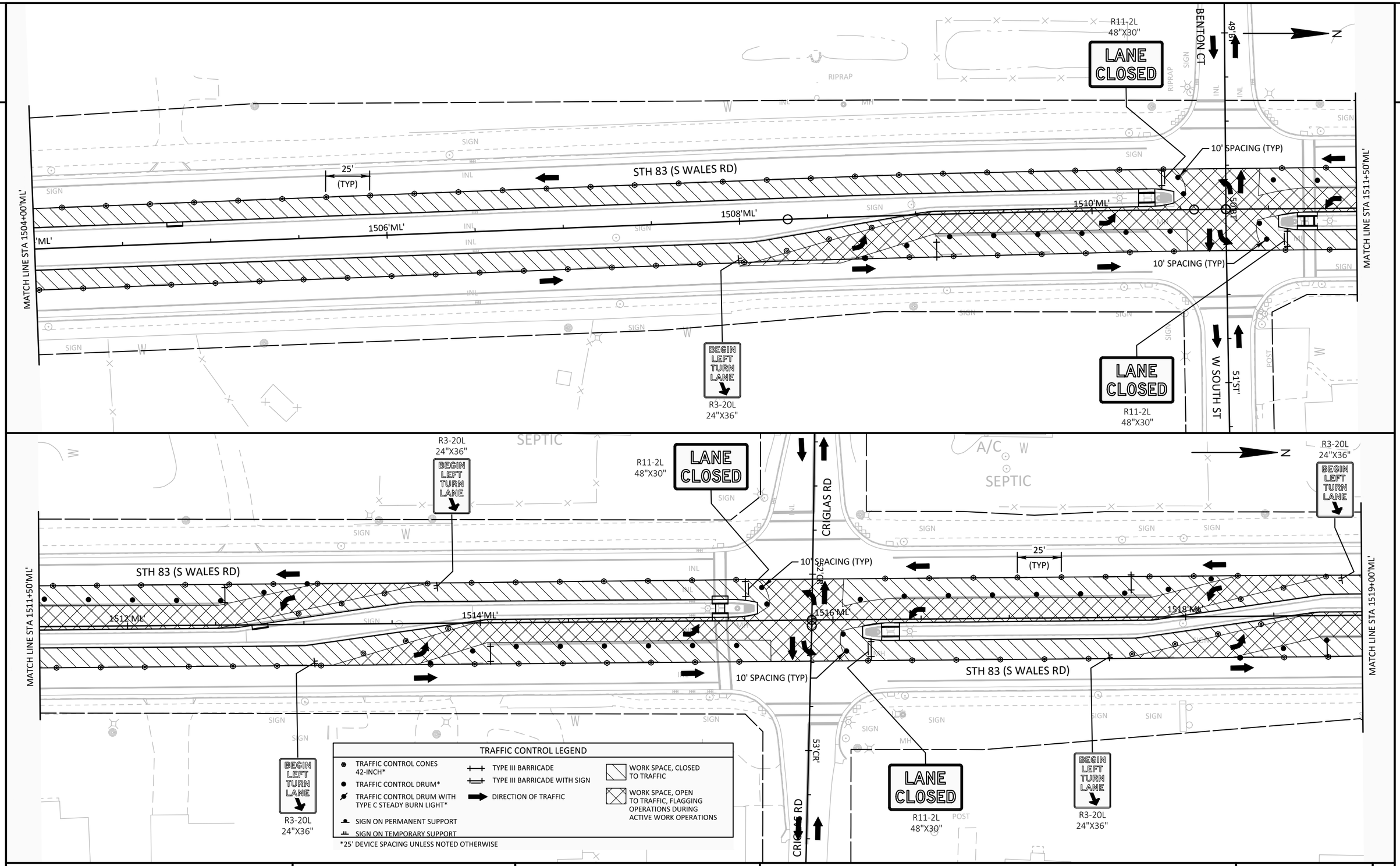
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 05 OF 14	SHEET 186	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 1 (Traffic Control-Stage 1).dwg
PLOT DATE : 7/14/2025 11:52 AM
PLOT BY : SEH
LAYOUT NAME : 05
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42


R3-20L
24"X36"
BEGIN LEFT TURN LANE
CEMETERY
N
MATCH LINE STA 1489+00'ML'
1498'ML'
1492'ML'
25'
(TYP)
1494'ML'
1496'ML'
MATCH LINE STA 1496+50'ML'
STH 83 (S WALES RD)
FUNERAL PROCESSION ONLY
LANE CLOSED
R11-2L
48"X30"
RIPRAP
SIGN
INL
TRAFFIC CONTROL LEGEND
TRAFFIC CONTROL CONES 42-INCH*
TRAFFIC CONTROL DRUM*
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
SIGN ON PERMANENT SUPPORT
SIGN ON TEMPORARY SUPPORT
TYPE III BARRICADE
TYPE III BARRICADE WITH SIGN
DIRECTION OF TRAFFIC
WORK SPACE, CLOSED TO TRAFFIC
WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
*25' DEVICE SPACING UNLESS NOTED OTHERWISE


R11-2L
48"X30"
LANE CLOSED
S WELSH RD
N
R3-20L
24"X36"
BEGIN LEFT TURN LANE
CEMETERY
MATCH LINE STA 1496+50'ML'
25'
(TYP)
STH 83 (S WALES RD)
50'RW'
10' SPACING (TYP)
1500'ML'
1498'ML'
1502'ML'
1504
MATCH LINE STA 1504+00'ML'
51'RW'
E WELSH RD
LANE CLOSED
R11-2L
48"X30"
SIGN
INL
POST

2



TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 07 OF 14	SHEET	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 1 (Traffic Control-Stage 1).dwg

PLOT DATE : 7/14/2025 11:53 AM

PLOT BY : SEH

LAYOUT NAME : 07

PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

LANE CLOSED
R11-2L
48"X30"

10' SPACING (TYP)

1520'ML'

1522'ML'

1524'ML'

1526'ML'

25'
(TYP)

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

MATCH LINE STA 1519+00'ML'

MATCH LINE STA 1526+50'ML'

STH 83 (S WALES RD)

10' SPACING (TYP)

LANE CLOSED
R11-2L
48"X30"

51'MT'

W MAIN ST

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

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

R11-2L
48"X30"

LANE CLOSED

CYMRIC ST

40'CL

R3-20L
24"X36"

BEGIN LEFT TURN LANE

GLACIAL DRUMLIN TRAIL

10' SPACING (TYP)

1528'ML'

1530'ML'

1532'ML'

25'
(TYP)

MATCH LINE STA 1526+50'ML'

MATCH LINE STA 1534+00'ML'

STH 83 (S WALES RD)

10' SPACING (TYP)

FILLER CAP

CANOPY

LANE CLOSED
R11-2L
48"X30"

GLACIAL DRUMLIN TRAIL

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 08 OF 14	SHEET 189	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 1 (Traffic Control-Stage 1).dwg

PLOT DATE : 7/14/2025 11:53 AM

PLOT BY : SEH

LAYOUT NAME : 08

PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

MATCH LINE STA 1534+00'ML'

'ML'

1536'ML'

25' (TYP)

1538'ML'

STH 83 (S WALES RD)

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

R3-20L
24"X36"

WO1-6
48"X24"

WO4-2L

T1
1540'ML'

R1

R2

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

LANE CLOSED
R11-2L
48"X30"

MATCH LINE STA 1541+50'ML'

N

CE

FILLMORE DR

NEWPORT DR

79'SA'

80'SA'

81'SA'

1542'ML'

USH 18 (W SUMMIT AV)

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

R2

R1

T4

T1

1544'ML'

STH 83 (S WALES RD)

WO4-2L

WO1-6
48"X24"

1546'ML'

25' (TYP)

1548'ML'

STH 83 (S WALES RD)

MATCH LINE STA 1541+50'ML'

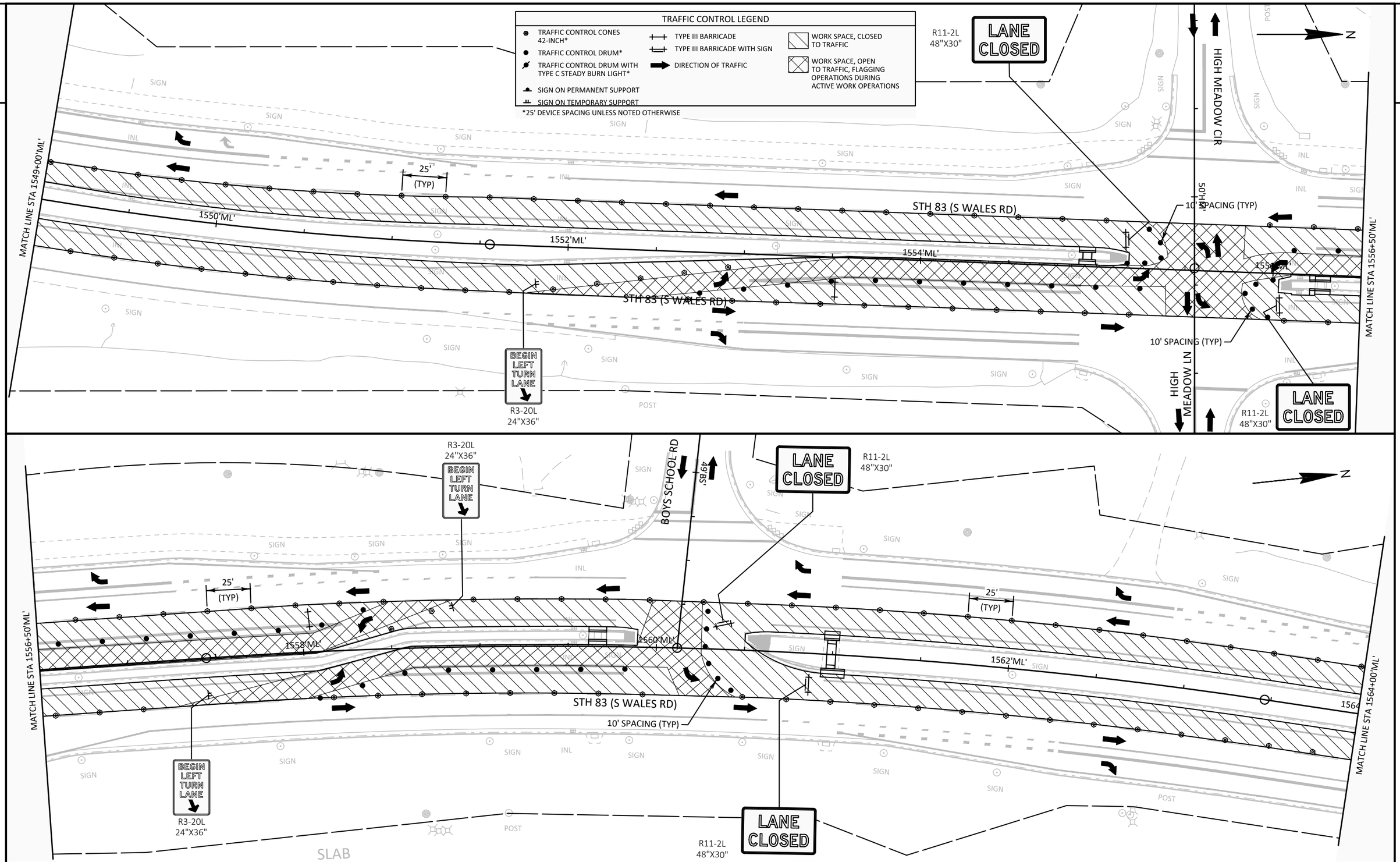
MATCH LINE STA 1549+00'ML'

KEYNOTE LEGEND: PAVEMENT MARKING

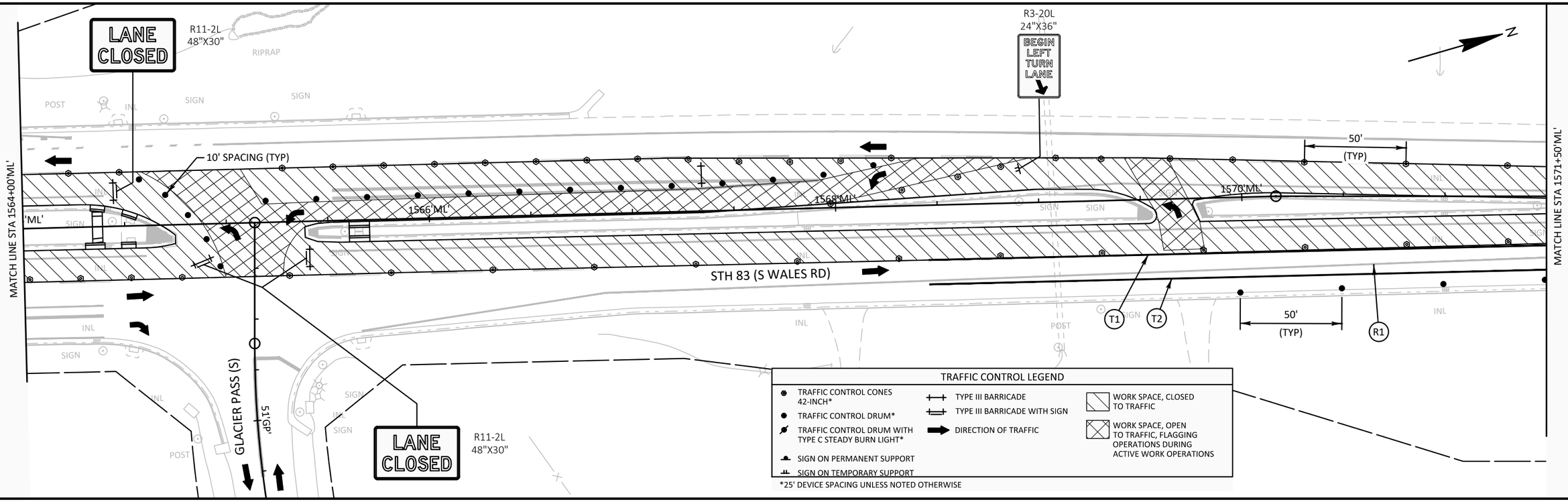
- (T1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (T4) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- (R1) MARKING REMOVAL LINE 8-INCH
- (R2) MARKING REMOVAL SPECIAL MARKING

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 09 OF 14	SHEET 190	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 1 (Traffic Control-Stage 1).dwg
PLOT DATE : 7/14/2025 11:53 AM
PLOT BY : SEH
LAYOUT NAME : 09
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 10 OF 14	SHEET 191	E



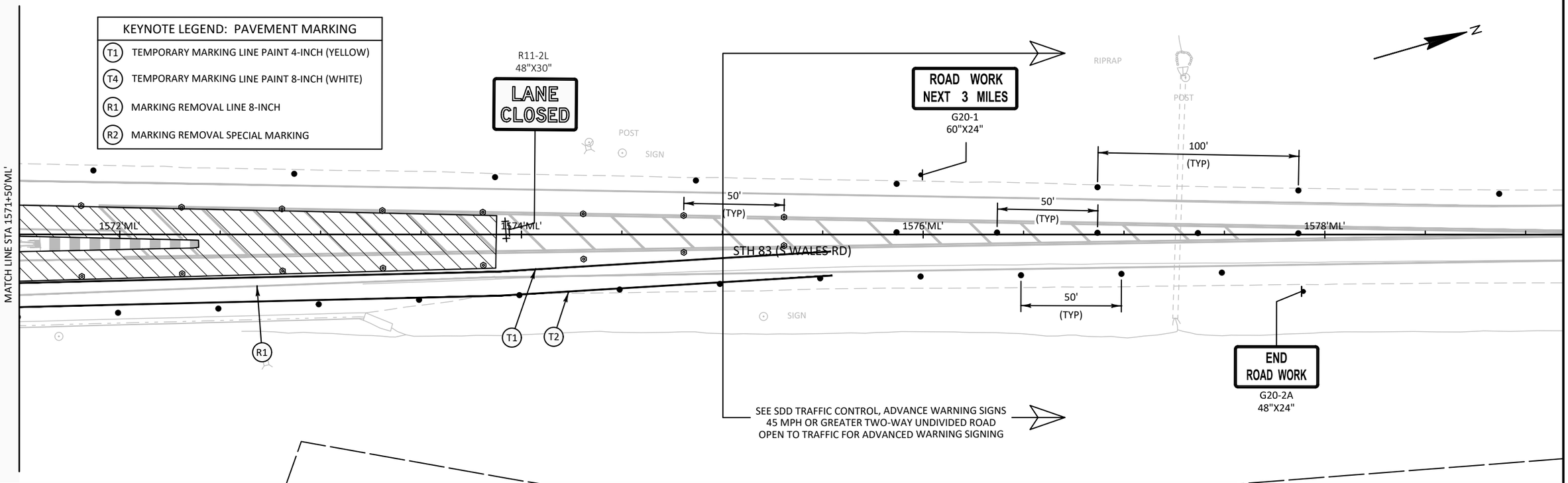
TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

KEYNOTE LEGEND: PAVEMENT MARKING

- T1 TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- T4 TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- R1 MARKING REMOVAL LINE 8-INCH
- R2 MARKING REMOVAL SPECIAL MARKING



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 11 OF 14	SHEET 192	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 1 (Traffic Control-Stage 1).dwg
PLOT DATE : 7/14/2025 11:53 AM
PLOT BY : SEH
LAYOUT NAME : 11
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

KEYNOTE LEGEND: PAVEMENT MARKING

- (T1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (T4) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- (R1) MARKING REMOVAL LINE 8-INCH
- (R2) MARKING REMOVAL SPECIAL MARKING

MORAINE VIEW DR

BLACKWOOD DR

70'SA' 71'SA' 72'SA' 73'SA' 74'SA' 75'SA' 76'SA'

USH 18 (W SUMMIT AV)

SEE SDD TRAFFIC CONTROL, ADVANCE WARNING SIGNS
45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD
OPEN TO TRAFFIC FOR ADVANCED WARNING SIGNING

LEFT LANE CLOSED AHEAD
W20-5SA

COVERING SIGN TYPE II

Blackwood Drive

T0 83

Commercial Entrance

COVERING SIGN TYPE I

R2 (THRU ARROW ONLY) R2

USH 18 (W SUMMIT AV)

LANE CLOSED
R11-2L
48"X30"

CE

N

STH 83 (S WALES RD)

W04-2L

R3-20L
24"X36"

BEGIN LEFT TURN LANE

R2 T4 R1

T1

77'SA' 78'SA' 79'SA' 80'SA' 81'SA' 82'SA' 83'SA' 84'

1542' ML

USH 18 (W SUMMIT AV)

USH 18 (W SUMMIT AV)

R2 R1 T4

BEGIN LEFT TURN LANE

R3-20L
24"X36"

W04-2L

WO1-6
48"X24"

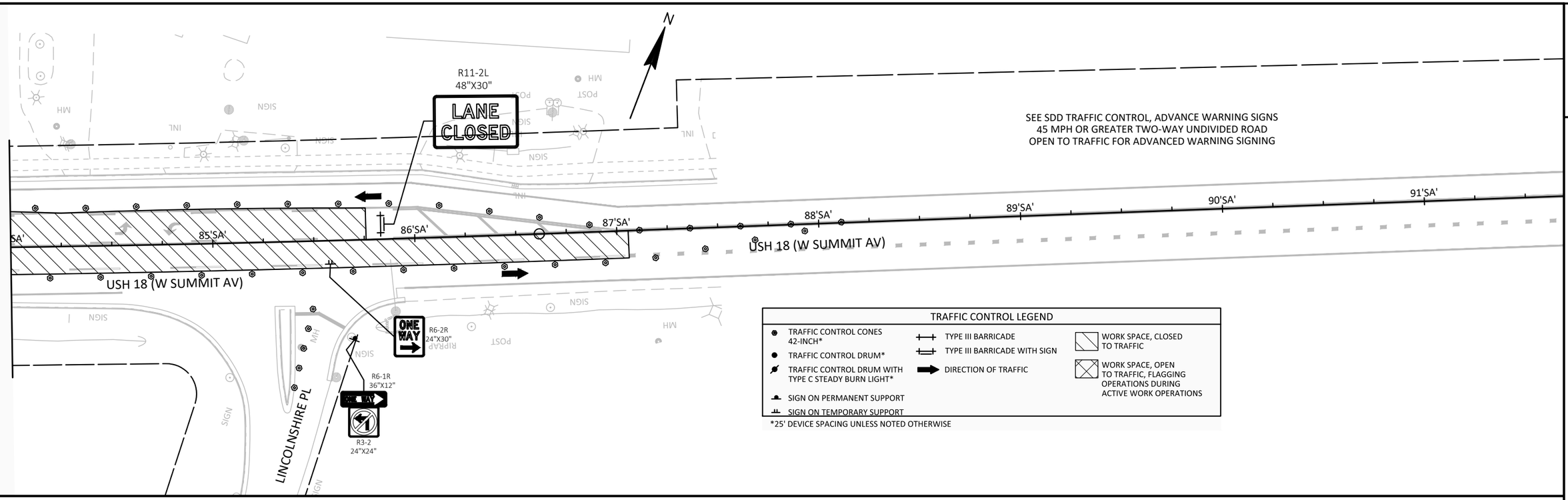
SEPTIC

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 13 OF 14	SHEET 193	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 1 (Traffic Control-Stage 1).dwg

PLOT DATE : 7/14/2025 11:54 AM PLOT BY : SEH LAYOUT NAME : 13 PLOT SCALE : 1.0 IN = 50.0 FT

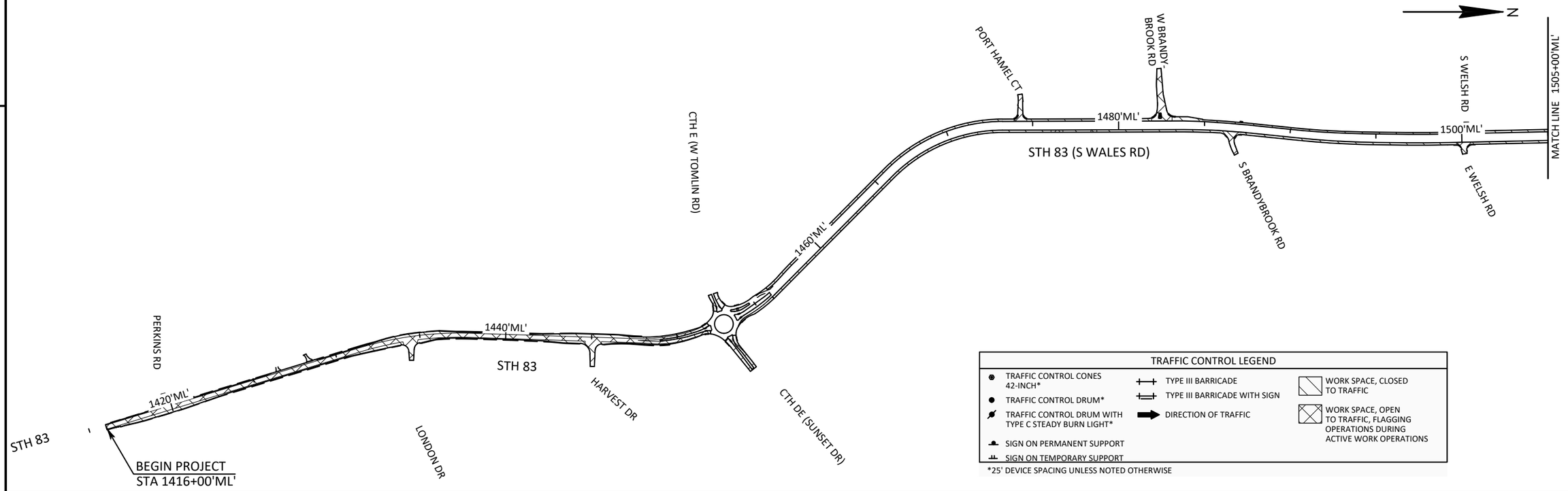
2

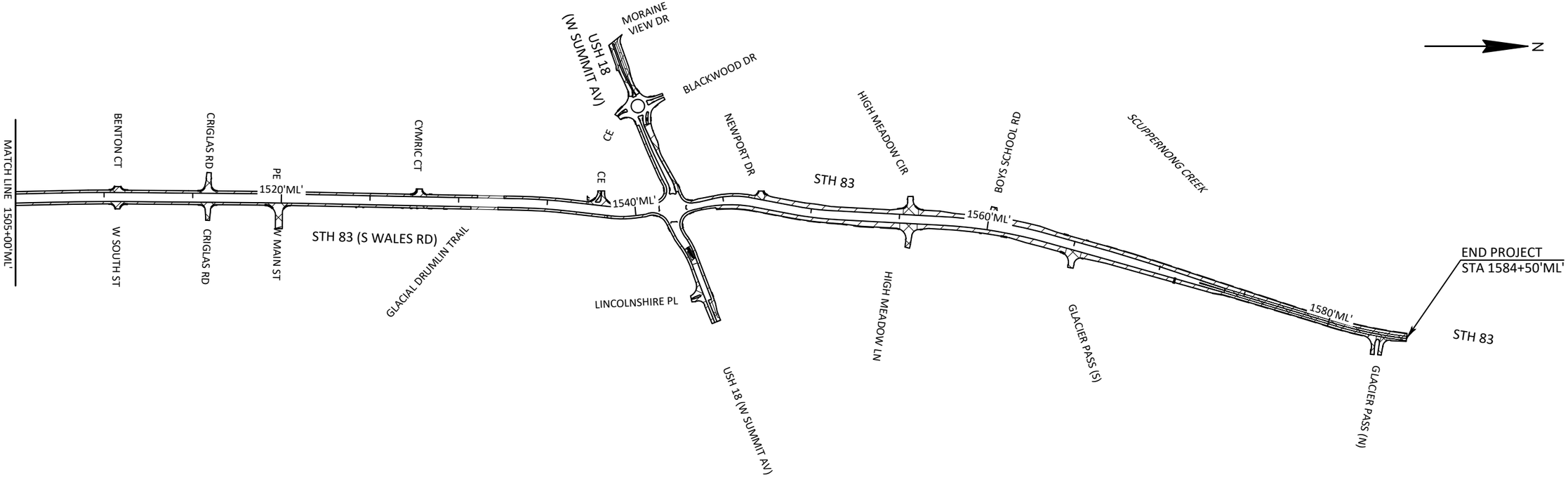


PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	PAGE 14 OF 14	SHEET 194	E

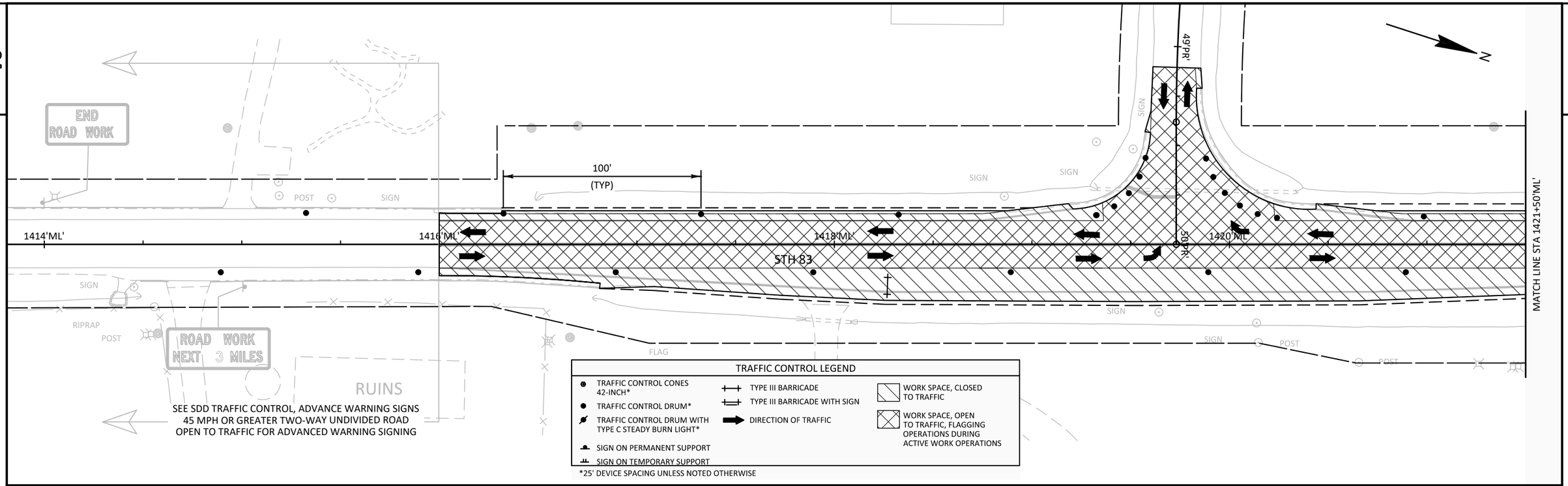
FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 1 (Traffic Control-Stage 1).dwg
PLOT DATE : 7/14/2025 11:54 AM
PLOT BY : SEH
LAYOUT NAME : 14
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2





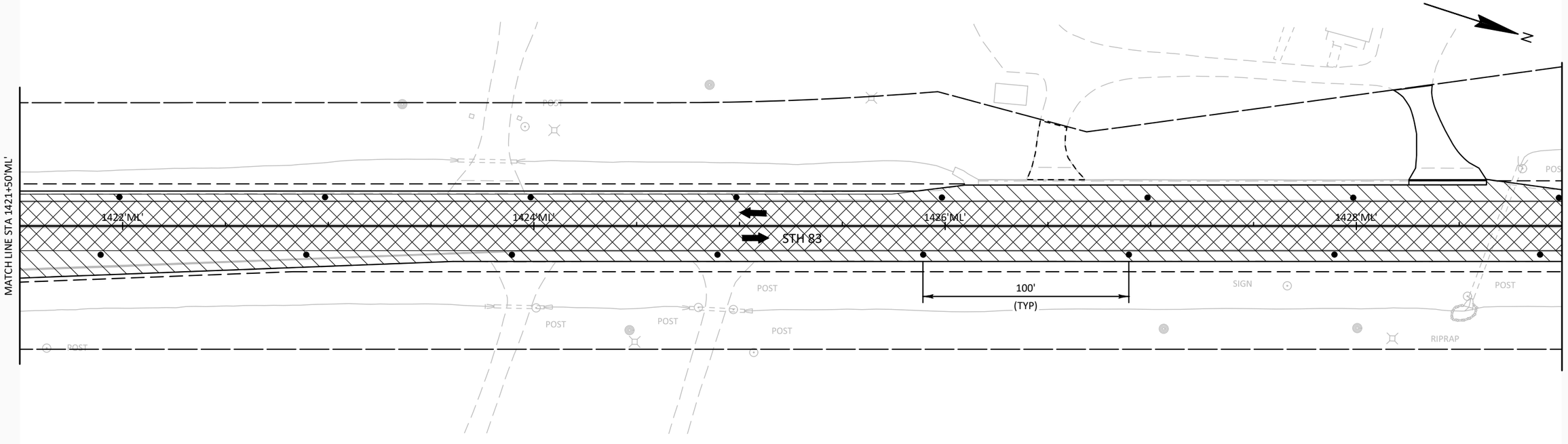
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL OVERVIEW - STAGE 3	SHEET 195	E



TRAFFIC CONTROL LEGEND

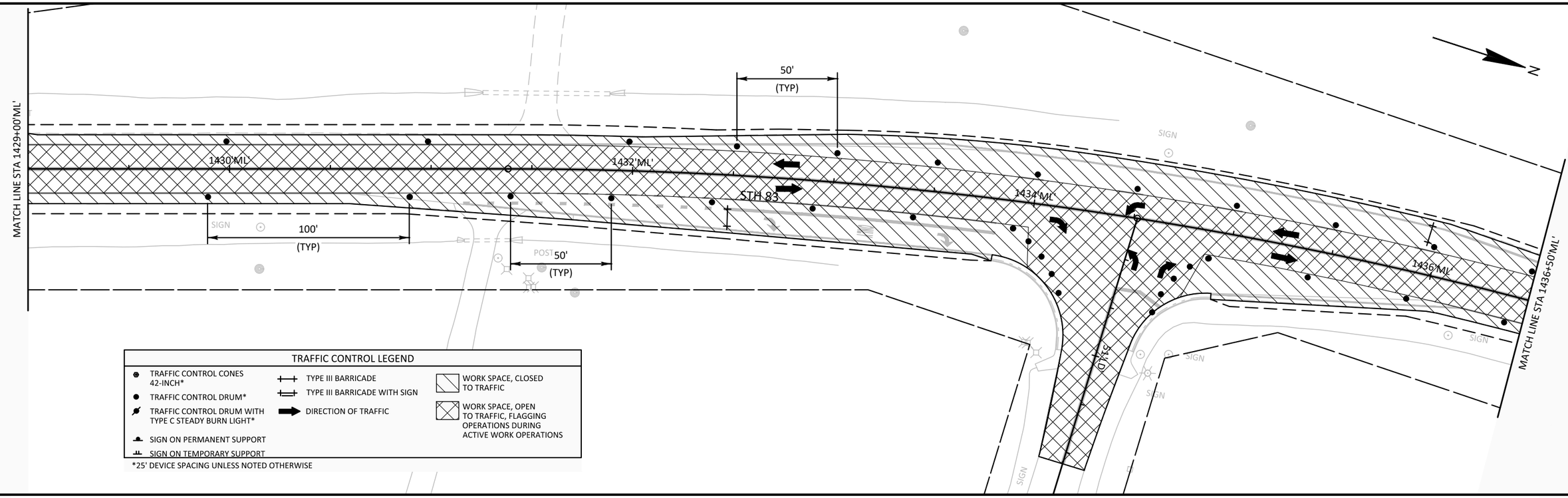
- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 01 OF 14	SHEET 196

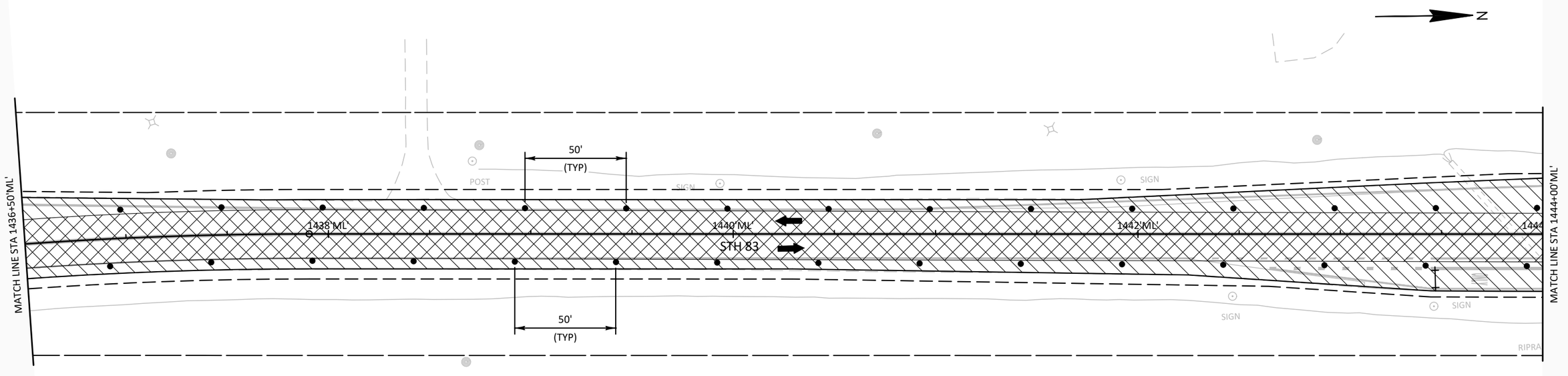
2



TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 02 OF 14	SHEET 197

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg
PLOT DATE : 7/14/2025 11:55 AM
PLOT BY : SEH
LAYOUT NAME : 02
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE STA 1444+00'ML'

MATCH LINE STA 1451+50'ML'

'ML'

1446'ML'

1448'ML'

1450'ML'

50'
(TYP)

50'
(TYP)

STH 83

HARVEST DR

CTH V

SIGN

POST

RIPRAP

INL

MH

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

N

MATCH LINE STA 1451+50'ML'

MATCH LINE STA 1459+00'ML'

STH 83

1452'ML'

1454'ML'

1456'ML'

1458'ML'

60'CH'

CTH DE
(SUNSET DR)

CTH E (MUTOMNARD)

59'CH'

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

50'
(TYP)

25'
(TYP)

20'
(TYP)

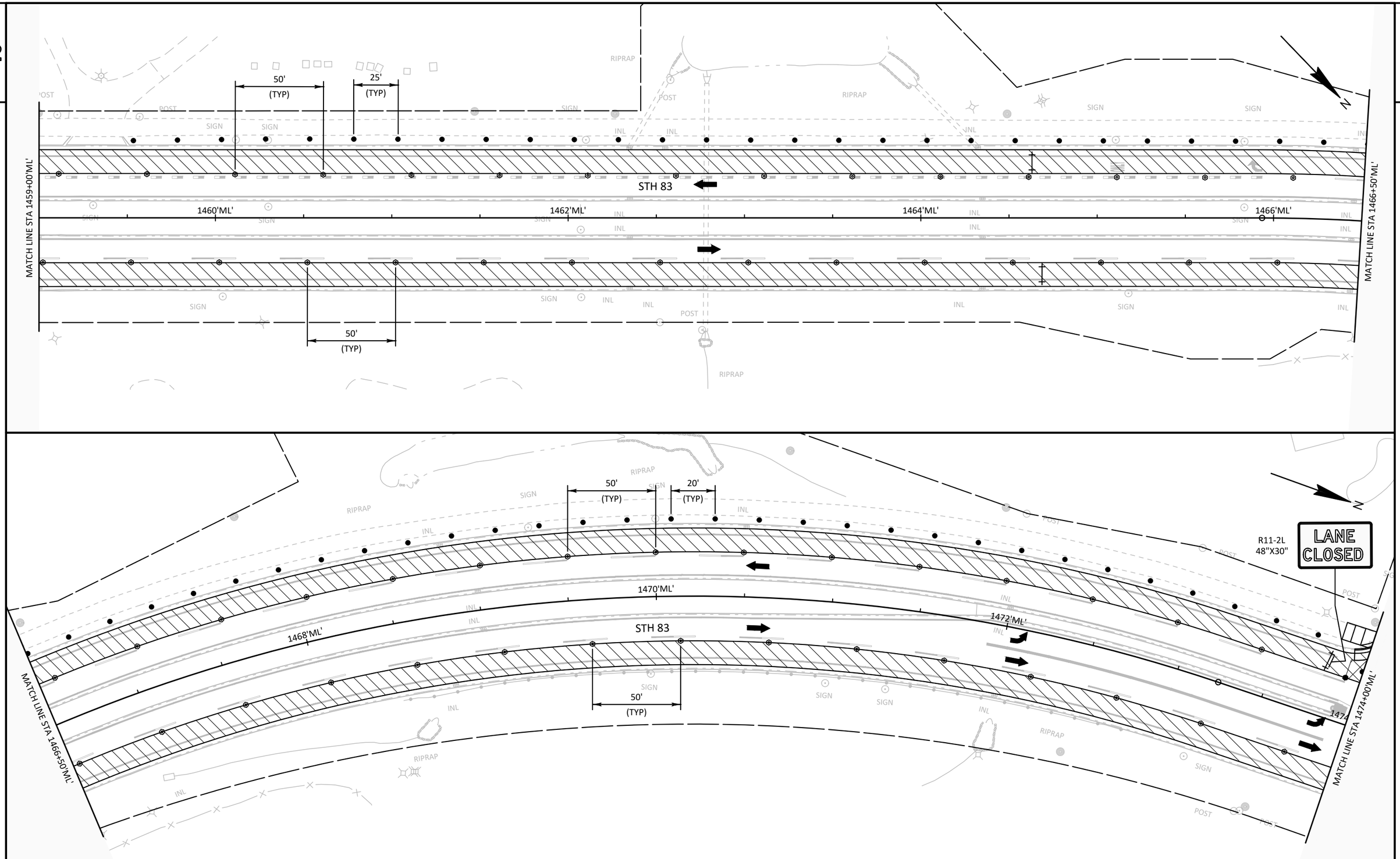
50'
(TYP)

LANE CLOSED

R11-2L
48"X30"

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 03 OF 14	SHEET

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg
PLOT DATE : 7/14/2025 11:55 AM
PLOT BY : SEH
LAYOUT NAME : 03
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 04 OF 14	SHEET 199	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg

PLOT DATE : 7/14/2025 11:55 AM

PLOT BY : SEH

LAYOUT NAME : 04

PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

2

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

N

PORTHAMEL CT

49'RR

RIPRAP

MATCH LINE STA 1474+00'ML'

MATCH LINE STA 1481+50'ML'

STH 83

MAINTAIN EMERGENCY VEHICLE ACCESS AT ALL TIMES

1476'ML'

1478'ML'

1480'ML'

50' (TYP)

25' (TYP)

FIRE STATION NO 37

LANE CLOSED

R11-2L 48"X30"

S BRANDYBROOK RD

AG

W

SIGN

INL

MH

POST

SLAB

CEMETERY

1482'ML'

1484'ML'

1486'ML'

1488'ML'

MATCH LINE STA 1481+50'ML'

MATCH LINE STA 1489+00'ML'

50'RR

57'RR

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 05 OF 14	SHEET 200	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg

PLOT DATE : 7/14/2025 11:55 AM

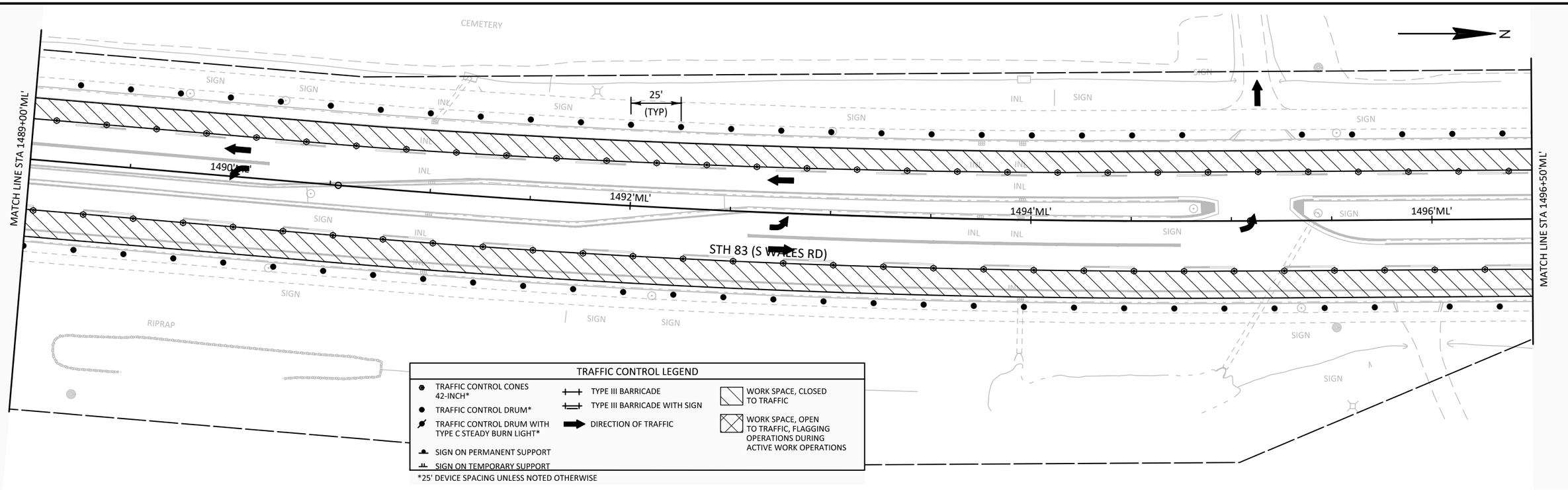
PLOT BY : SEH

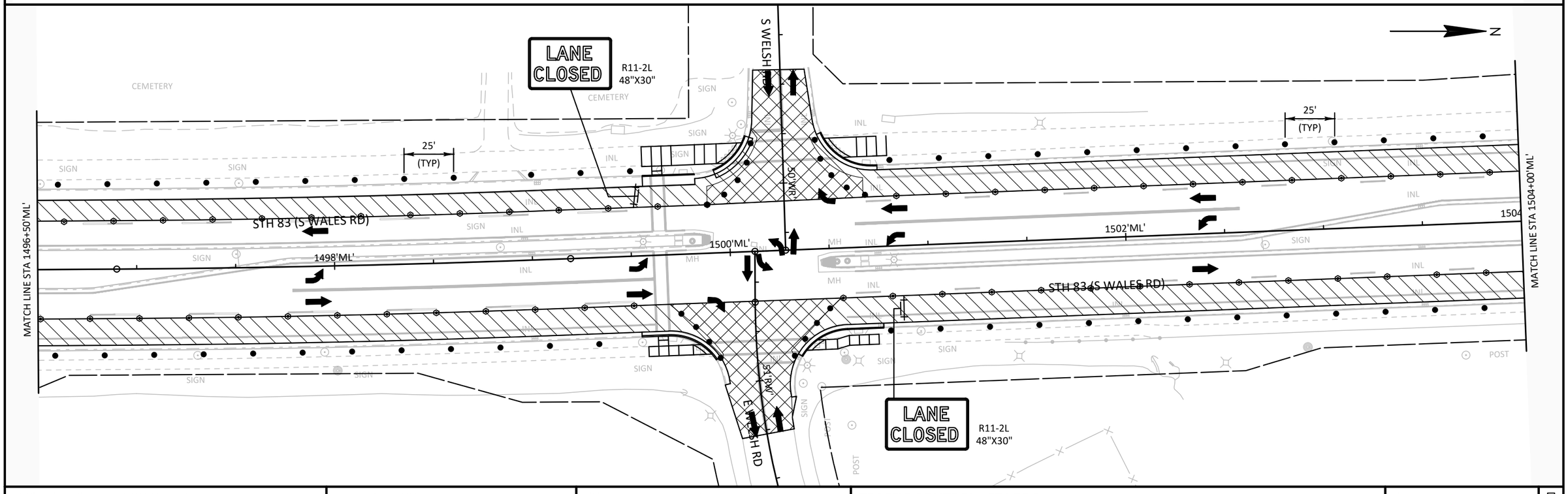
LAYOUT NAME : 05

PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

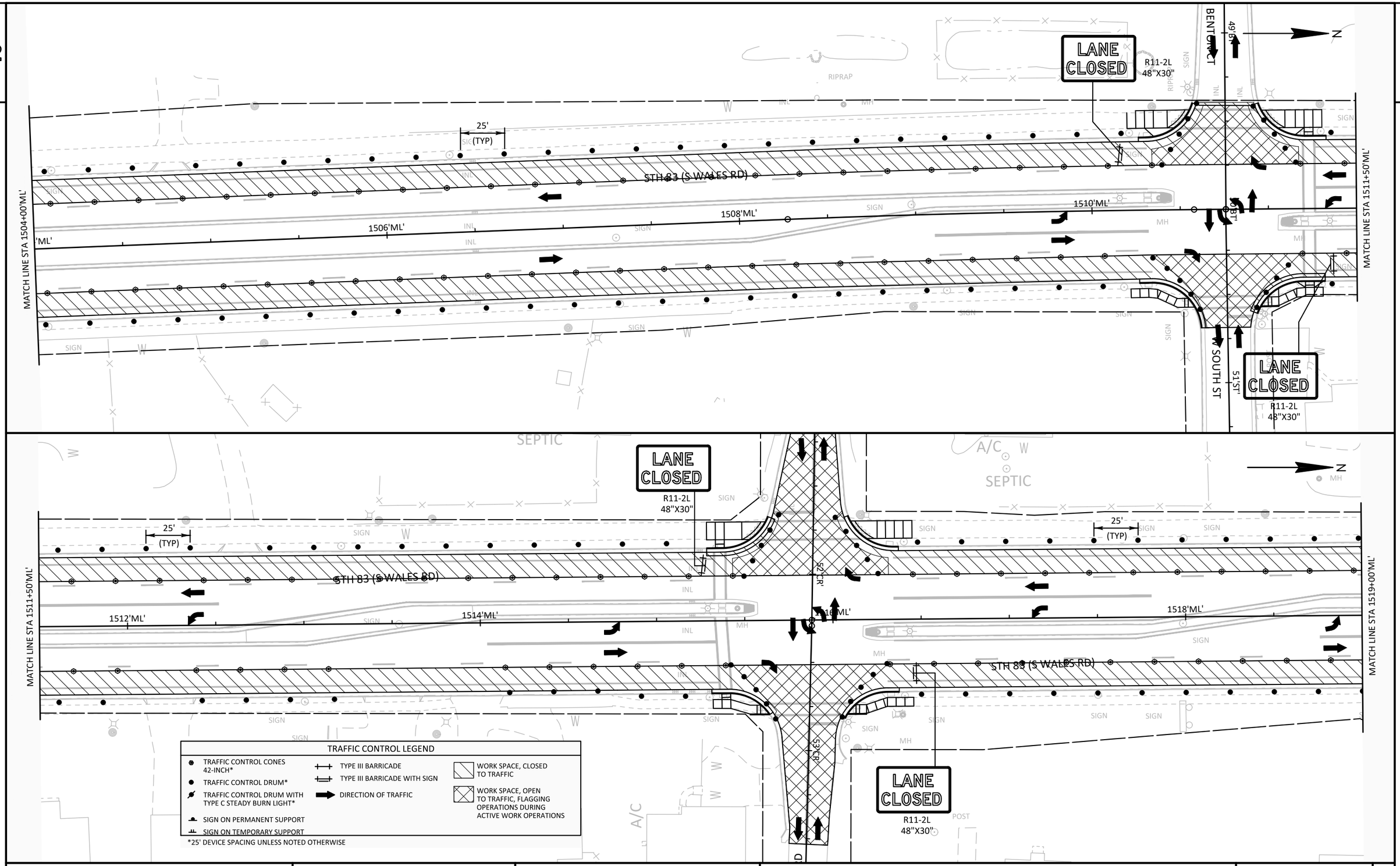




PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 06 OF 14	SHEET 201	E

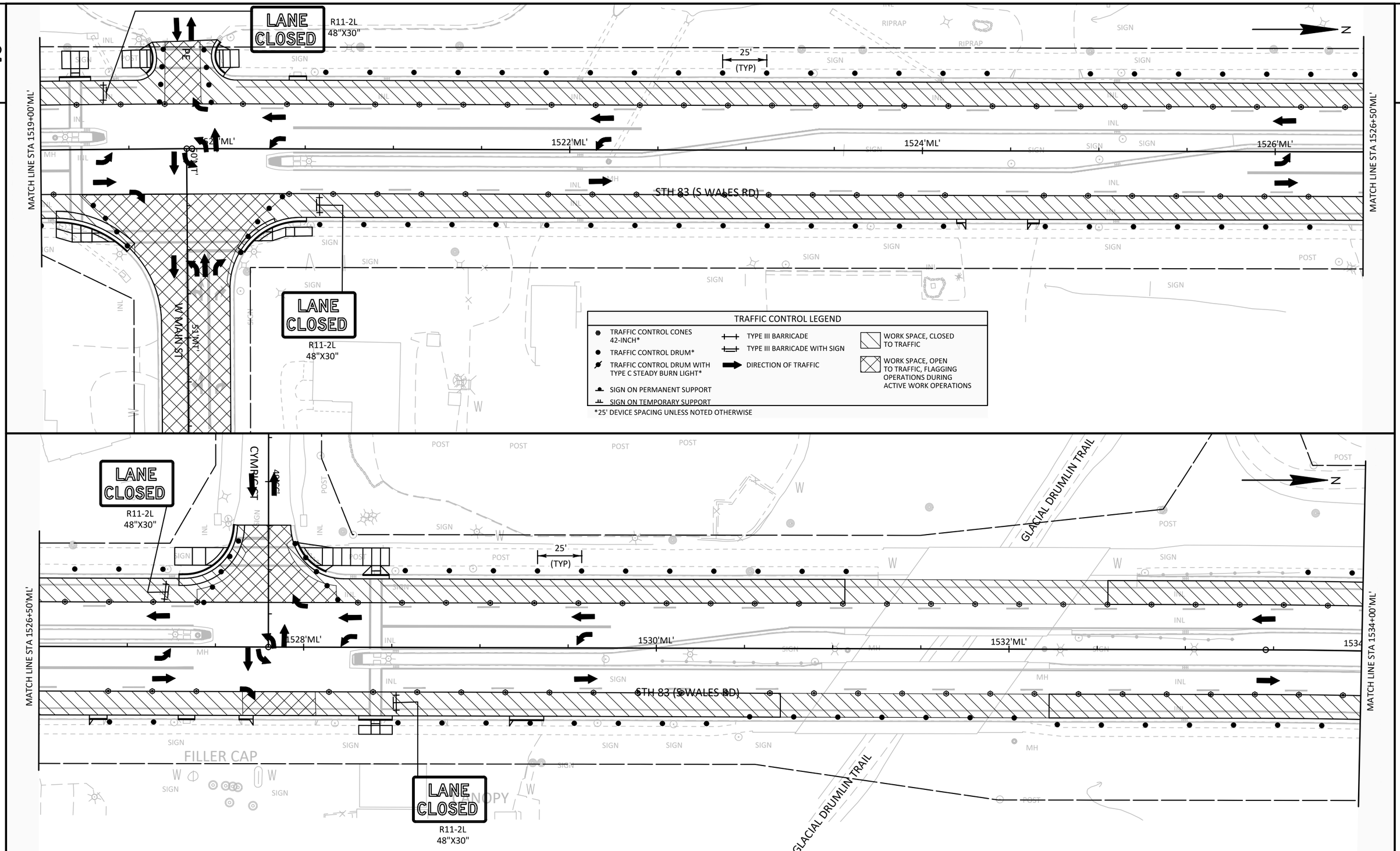
FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg
PLOT DATE : 7/14/2025 11:55 AM
PLOT BY : SEH
LAYOUT NAME : 06
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 07 OF 14	SHEET 202	E

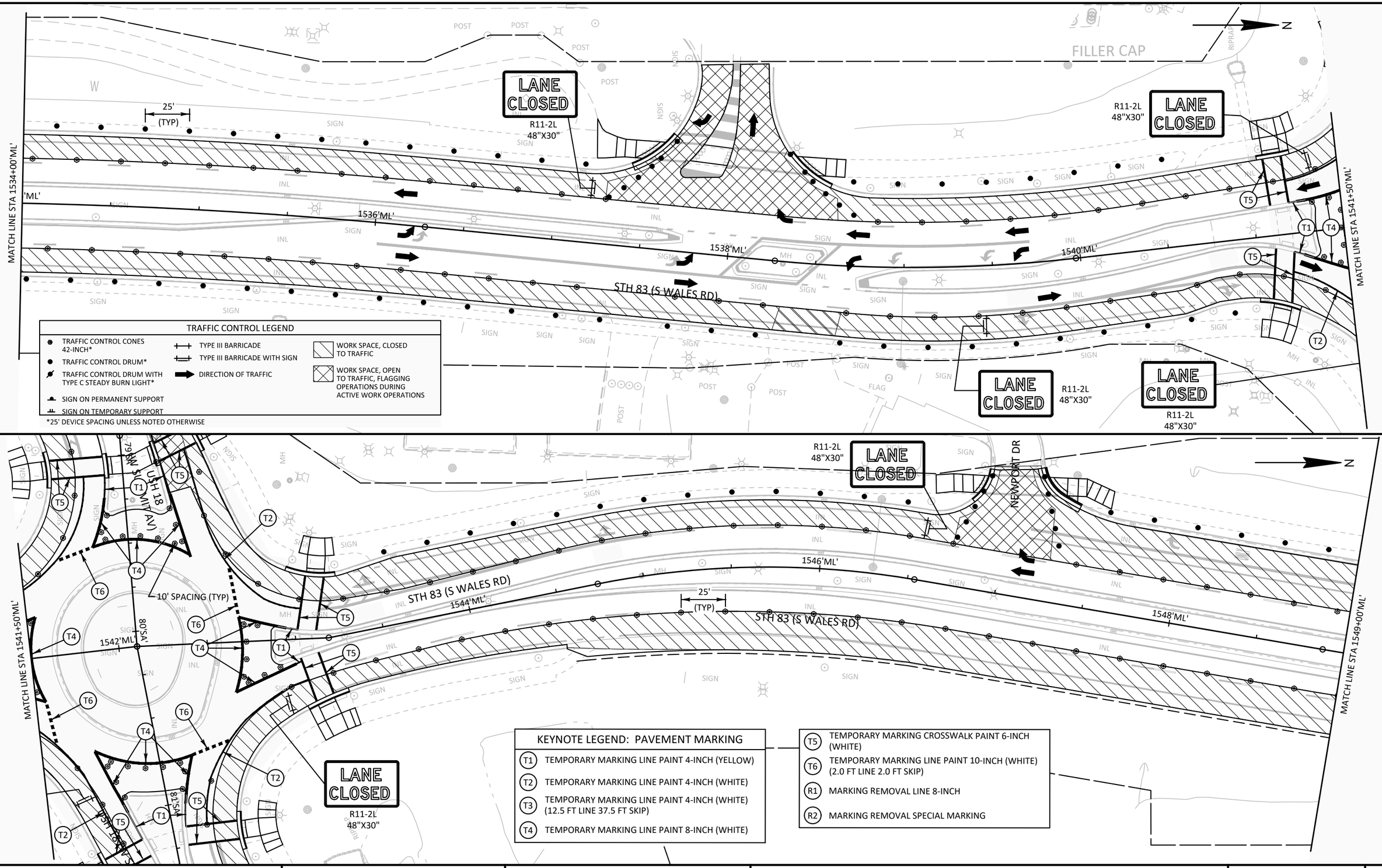
FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg
PLOT DATE : 7/14/2025 11:56 AM
PLOT BY : SEH
LAYOUT NAME : 07
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 08 OF 14	SHEET 203	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg
PLOT DATE : 7/14/2025 11:56 AM
PLOT BY : SEH
LAYOUT NAME : 08
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2



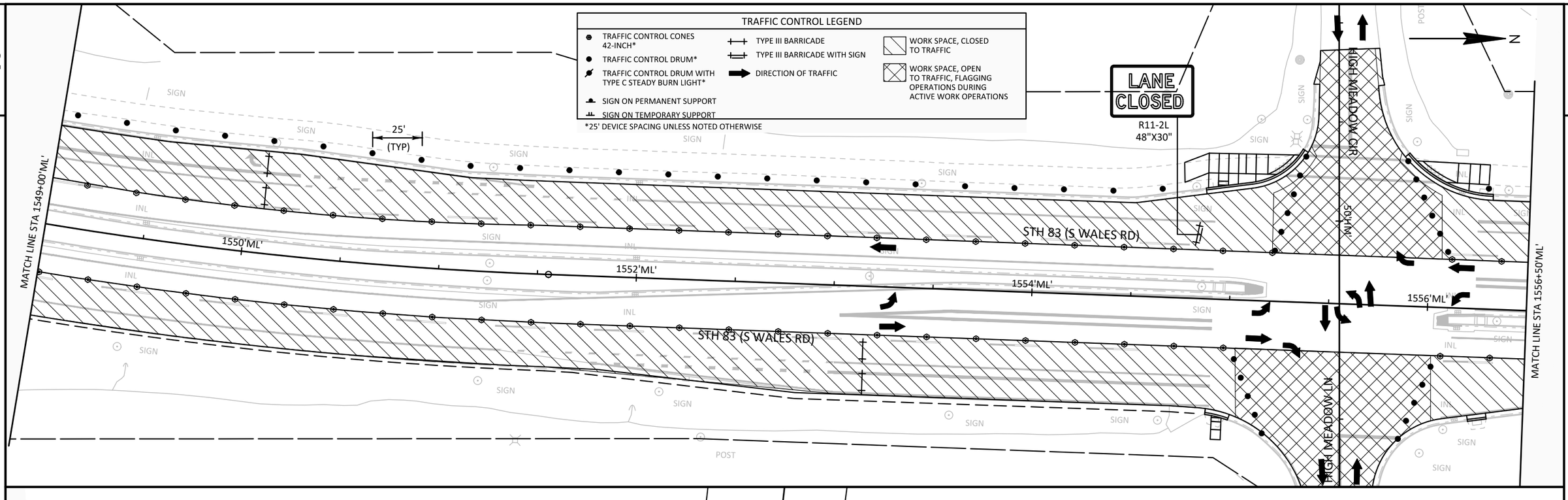
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 09 OF 14	SHEET 204	E

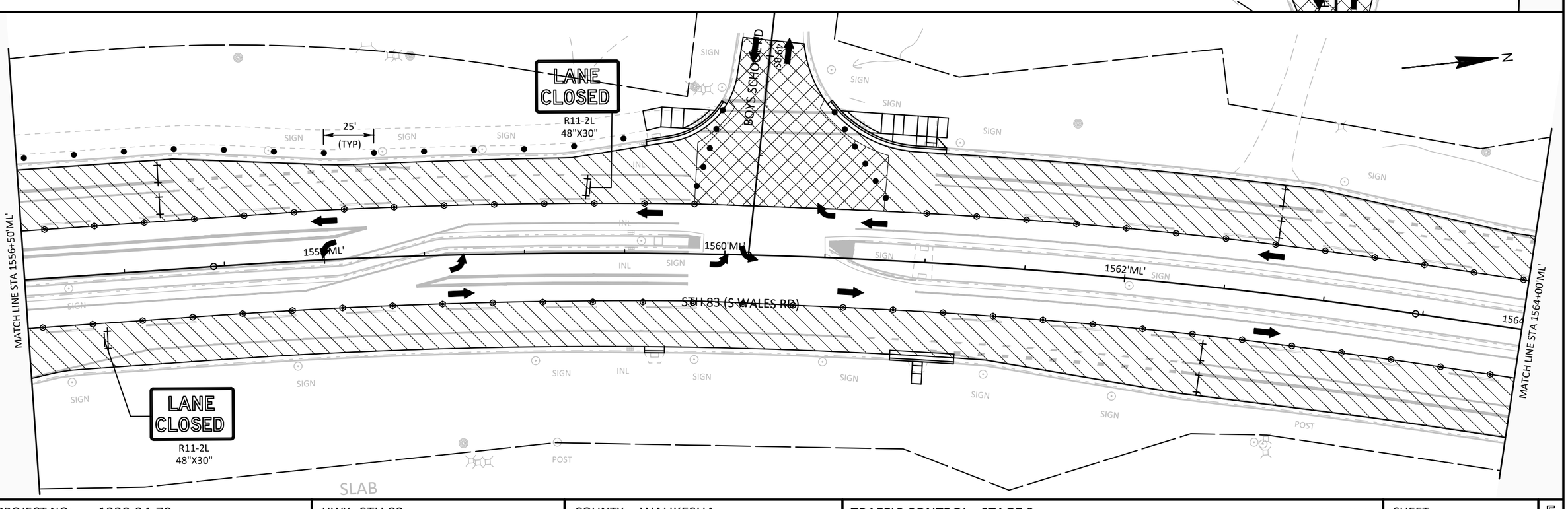
FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg
PLOT DATE : 7/14/2025 11:56 AM
PLOT BY : SEH
LAYOUT NAME : 09
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

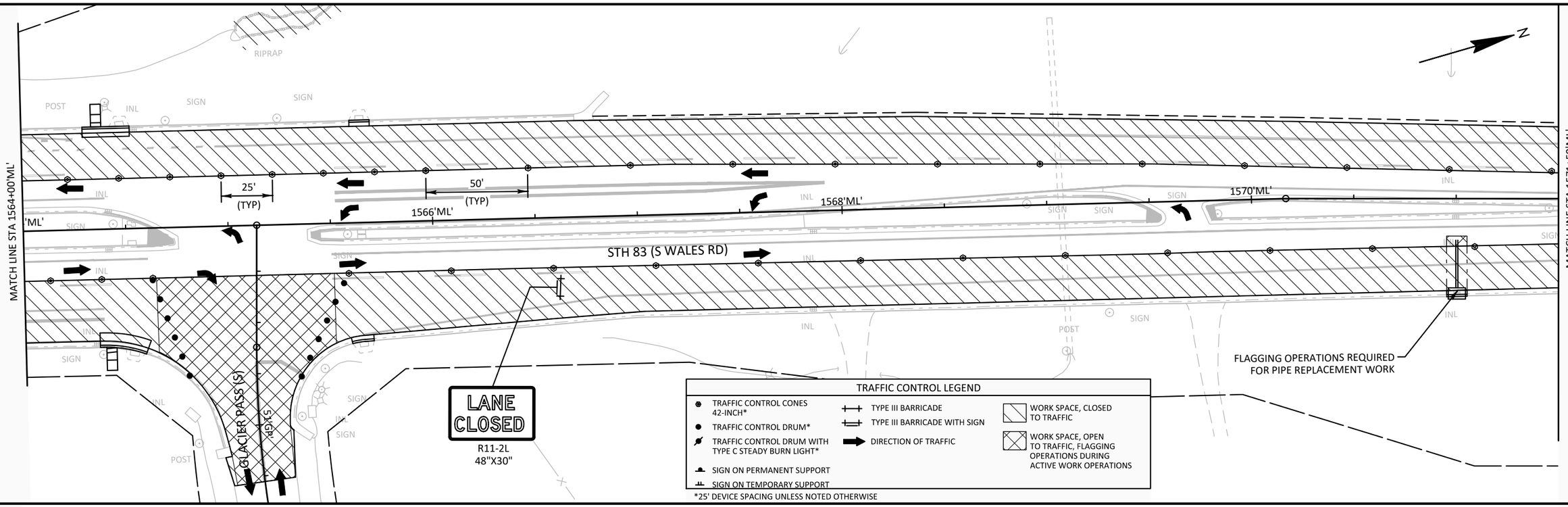
*25' DEVICE SPACING UNLESS NOTED OTHERWISE

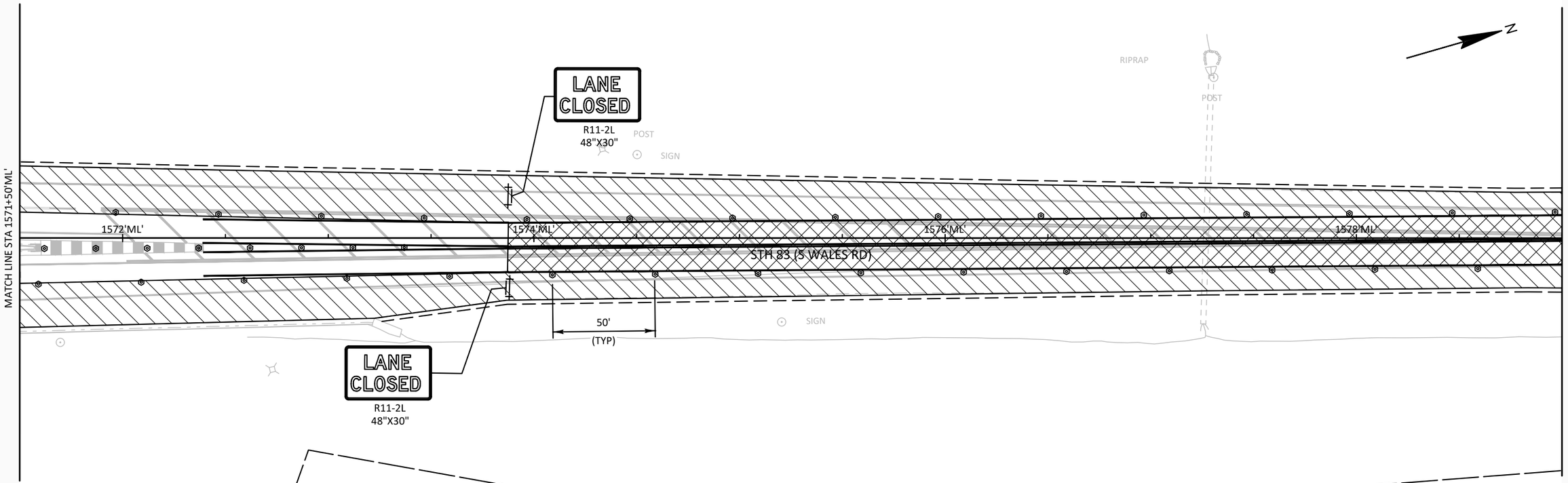




PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 10 OF 14	SHEET 205

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg
PLOT DATE : 7/14/2025 11:56 AM
PLOT BY : SEH
LAYOUT NAME : 10
PLOT SCALE : 1.0 IN = 50.0 FT


MATCH LINE STA 1564+00'ML'
'ML'
RIPRAP
POST
INL
SIGN
25'
(TYP)
50'
(TYP)
1566'ML'
1568'ML'
1570'ML'
STH 83 (S WALES RD)
GLACIER PASS (S)
51'GA'
LANE
CLOSED
R11-2L
48"X30"
FLAGGING OPERATIONS REQUIRED
FOR PIPE REPLACEMENT WORK
MATCH LINE STA 1571+50'ML'
TRAFFIC CONTROL LEGEND
TRAFFIC CONTROL CONES 42-INCH*
TRAFFIC CONTROL DRUM*
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
SIGN ON PERMANENT SUPPORT
SIGN ON TEMPORARY SUPPORT
TYPE III BARRICADE
TYPE III BARRICADE WITH SIGN
DIRECTION OF TRAFFIC
WORK SPACE, CLOSED TO TRAFFIC
WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
*25' DEVICE SPACING UNLESS NOTED OTHERWISE
N


MATCH LINE STA 1571+50'ML'
RIPRAP
POST
LANE
CLOSED
R11-2L
48"X30"
SIGN
1572'ML'
1574'ML'
1576'ML'
1578'ML'
STH 83 (S WALES RD)
50'
(TYP)
LANE
CLOSED
R11-2L
48"X30"
MATCH LINE STA 1579+00'ML'
N

2

ROAD WORK NEXT 3 MILES
G20-1
60"X24"

LANE CLOSED
R11-2L
48"X30"

MATCH LINE STA 1579+00'ML'

1580'ML'

1582'ML'

50'
(TYP)

LANE CLOSED
R11-2L
48"X30"

STH 83 (S WALES RD)

1584'ML'

500'

END ROAD WORK
G20-2A
48"X24"

SEE SDD TRAFFIC CONTROL, ADVANCE WARNING SIGNS
45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD
OPEN TO TRAFFIC FOR ADVANCED WARNING SIGNING

51'PG'

57'CH'

CTH E (W TOMLIN RD)

58'CH'

CTH E (W TOMLIN RD)

59'CH'

SEE SDD TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC FOR ADVANCED WARNING SIGNING

1454'ML'

60'CH'

CTH,DE
(SUNSET DR)

61'CH'

62'CH'

63'CH'

CTH DE (SUNSET DR)

64'CH'

1452'ML'

STH 83

MATCH LINE

SEE SDD TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC FOR ADVANCED WARNING SIGNING

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 12 OF 14	SHEET 207	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg
PLOT DATE : 7/14/2025 11:57 AM
PLOT BY : SEH
LAYOUT NAME : 12
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2

MORAINE VIEW DR

USH 18 (W SUMMIT AV)

70'SA' 71'SA' 72'SA' 73'SA' 74'SA' 75'SA' 76'SA'

25' (TYP)

SEE SDD TRAFFIC CONTROL, ADVANCE WARNING SIGNS
45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD
OPEN TO TRAFFIC FOR ADVANCED WARNING SIGNING

LANE CLOSED
R11-2L
48"X30"

USH 18 (W SUMMIT AV)

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT*
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS

*25' DEVICE SPACING UNLESS NOTED OTHERWISE

KEYNOTE LEGEND: PAVEMENT MARKING

- (T1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (T2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (T4) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- (T5) TEMPORARY MARKING CROSSWALK PAINT 6-INCH (WHITE)
- (T6) TEMPORARY MARKING LINE PAINT 10-INCH (WHITE) (2.0 FT LINE 2.0 FT SKIP)

25' (TYP)

77'SA' 78'SA' 79'SA'

USH 18 (W SUMMIT AV)

USH 18 (W SUMMIT AV)

10' SPACING (TYP)

80'SA'

1542 ML

81'SA'

82'SA'

83'SA'

84'

LANE CLOSED
R11-2L
48"X30"

25' (TYP)

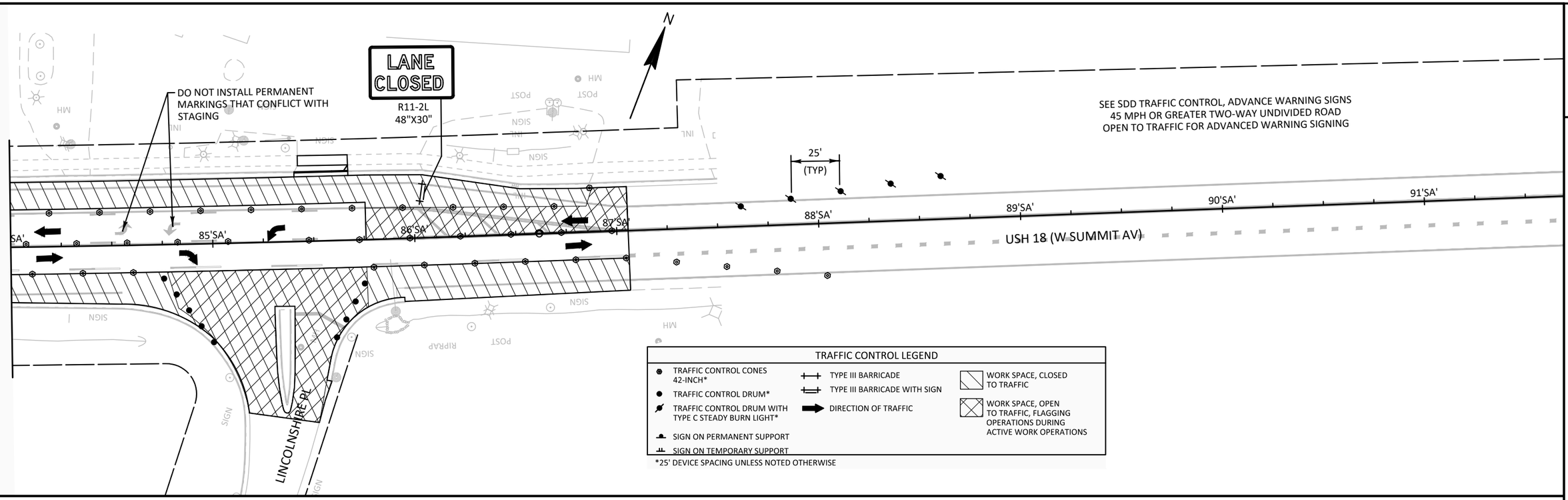
USH 18 (W SUMMIT AV)

SEPTIC

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 13 OF 14	SHEET 208	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg
PLOT DATE : 7/14/2025 11:57 AM
PLOT BY : SEH
LAYOUT NAME : 13
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2

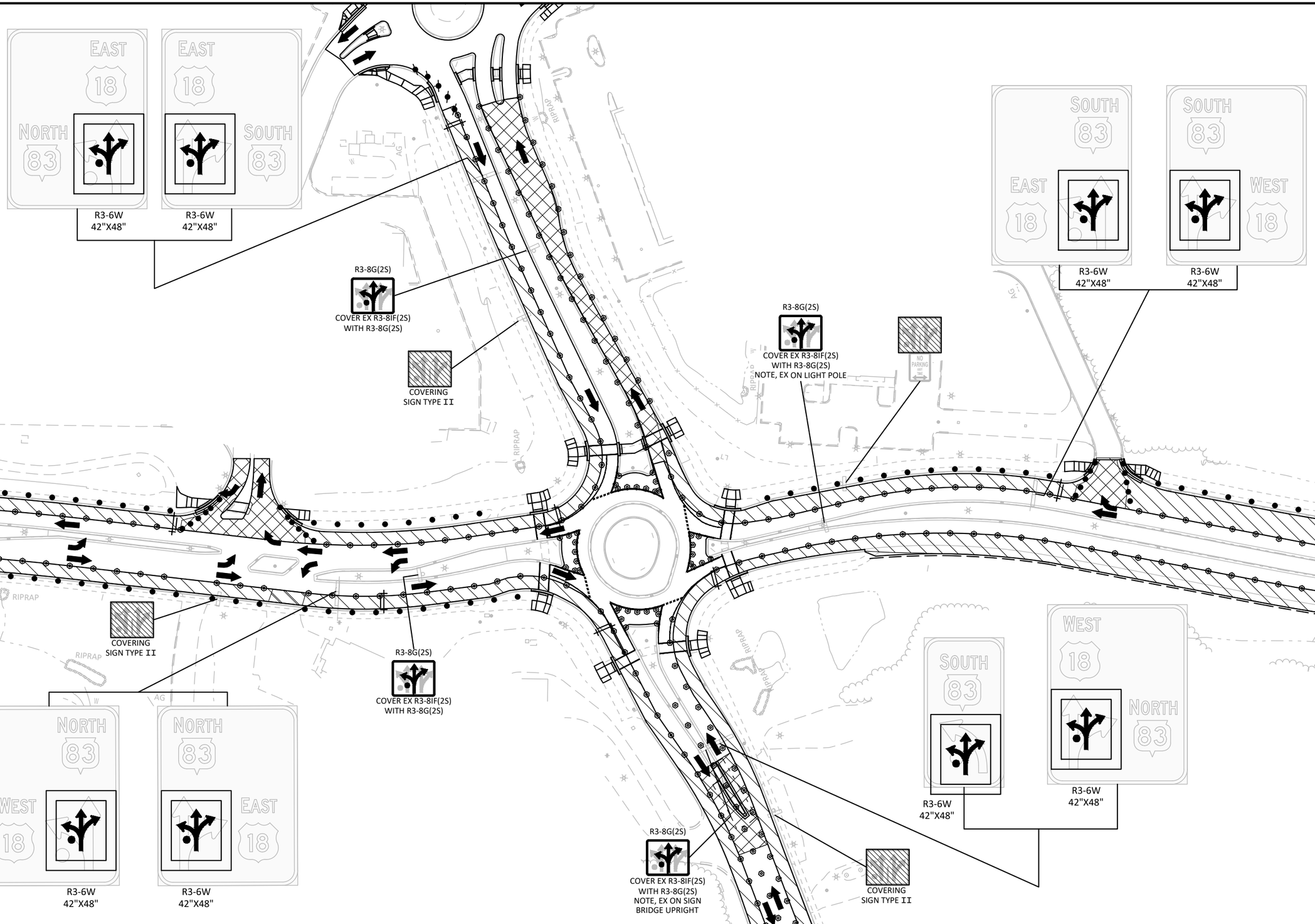


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PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3	PAGE 14 OF 14	SHEET 209	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2).dwg
PLOT DATE : 7/14/2025 11:57 AM
PLOT BY : SEH
LAYOUT NAME : 14
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL, SIGNING DETAIL - STAGE 3	SHEET 210	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2 Sign Plan v2).dwg
PLOT DATE : 7/14/2025 11:57 AM
PLOT BY : ----
LAYOUT NAME : 01
PLOT SCALE : 1.0 IN = 100.0 FT
WISDOT/CADDS SHEET 42

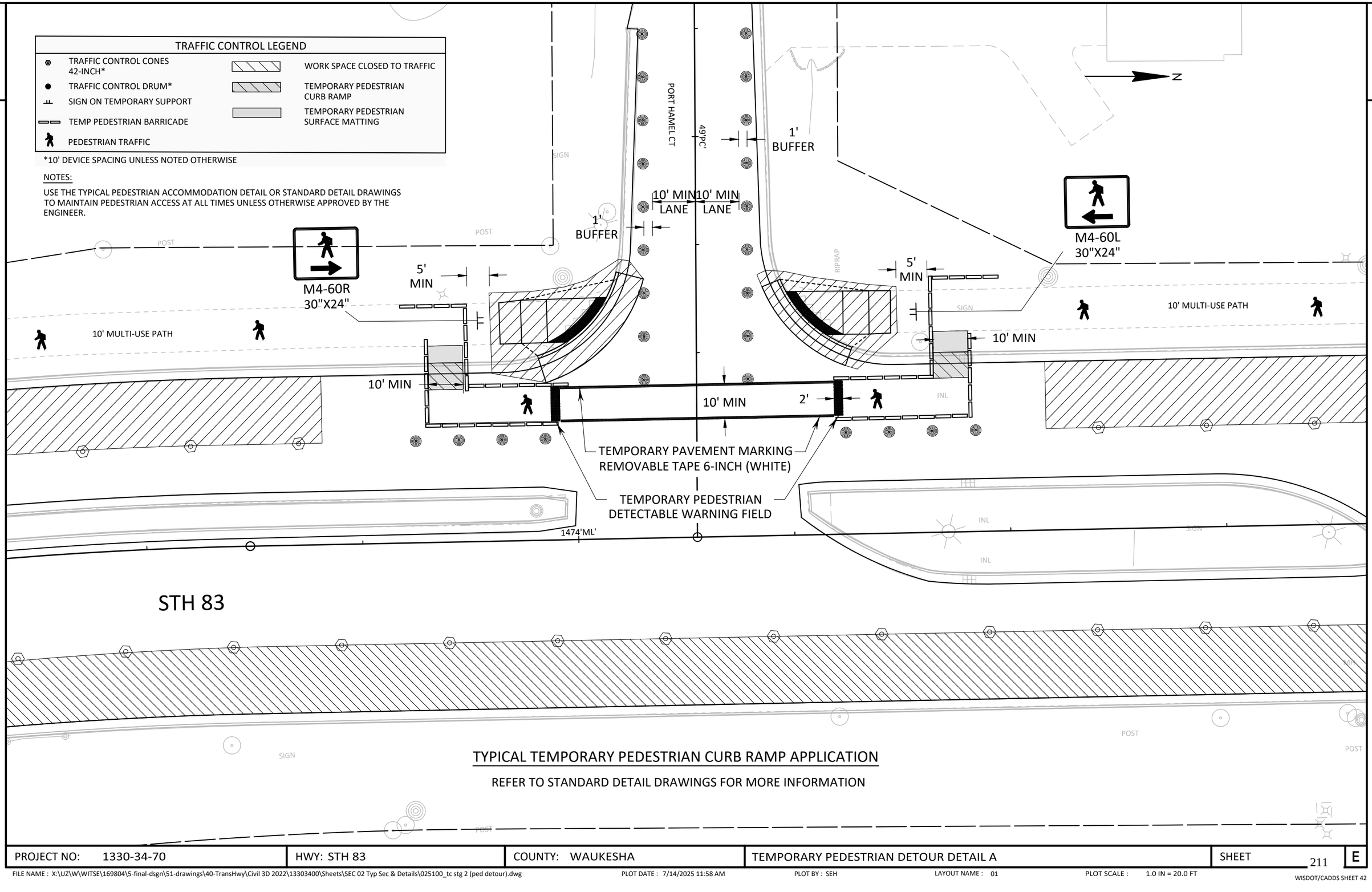
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TRAFFIC CONTROL LEGEND			
	TRAFFIC CONTROL CONES 42-INCH*		WORK SPACE CLOSED TO TRAFFIC
	TRAFFIC CONTROL DRUM*		TEMPORARY PEDESTRIAN CURB RAMP
	SIGN ON TEMPORARY SUPPORT		TEMPORARY PEDESTRIAN SURFACE MATTING
	TEMP PEDESTRIAN BARRICADE		
	PEDESTRIAN TRAFFIC		

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

NOTES:

USE THE TYPICAL PEDESTRIAN ACCOMMODATION DETAIL OR STANDARD DETAIL DRAWINGS TO MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

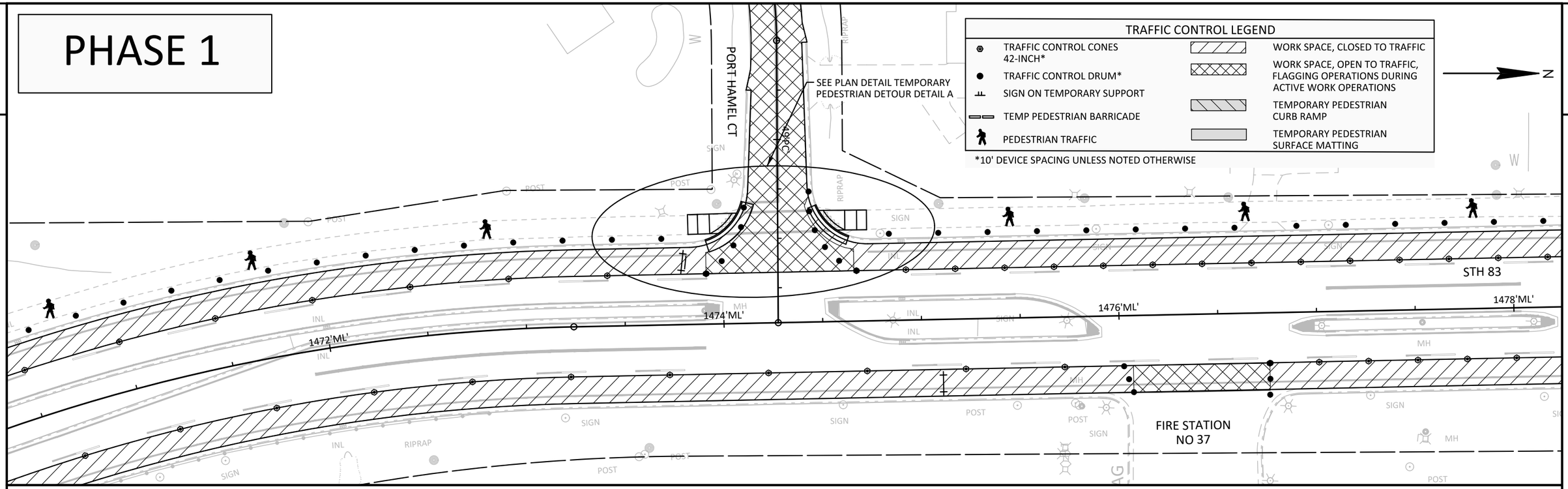


TYPICAL TEMPORARY PEDESTRIAN CURB RAMP APPLICATION

REFER TO STANDARD DETAIL DRAWINGS FOR MORE INFORMATION

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TEMPORARY PEDESTRIAN DETOUR DETAIL A	SHEET 211	E

PHASE 1



TRAFFIC CONTROL LEGEND

TRAFFIC CONTROL CONES 42-INCH*	WORK SPACE, CLOSED TO TRAFFIC
TRAFFIC CONTROL DRUM*	WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
SIGN ON TEMPORARY SUPPORT	TEMPORARY PEDESTRIAN CURB RAMP
TEMP PEDESTRIAN BARRICADE	TEMPORARY PEDESTRIAN SURFACE MATTING
PEDESTRIAN TRAFFIC	

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

NOTES:

USE THE TYPICAL PEDESTRIAN ACCOMMODATION DETAIL OR STANDARD DETAIL DRAWINGS TO MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES BY ONLY CLOSING ONE SIDE OF THE INTERSECTION AT A TIME OR BY DETOURING PEDESTRIANS TO NEXT SIDE STREET. DO NOT CLOSE CROSSINGS AT TWO ADJACENT SIDE ROADS AT THE SAME TIME.

REVISE M4-9B (R/L) SIGNS TO GUIDE PEDESTRIANS TO THE NEAREST OPEN CROSSING.

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 01 OF 14	SHEET 212	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg
PLOT DATE : 7/14/2025 11:58 AM
PLOT BY : SEH
LAYOUT NAME : 01
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

2

2

N

SEE PLAN DETAIL TEMPORARY PEDESTRIAN DETOUR DETAIL A

W BRANDYBROOK RD

49'RR'

STH 83

1482'ML'

1484'ML'

1486'ML'

1488'ML'

50'BB'

S BRANDYBROOK RD

51'BB'

SLAB

ALTERNATE CLOSURES TO MAINTAIN PEDESTRIAN ACCESS

CURB RAMPS REMOVED AND NOT REPLACED

CEMETERY

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- SIGN ON TEMPORARY SUPPORT
- TEMP PEDESTRIAN BARRICADE
- PEDESTRIAN TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

PHASE 1

PHASE 2

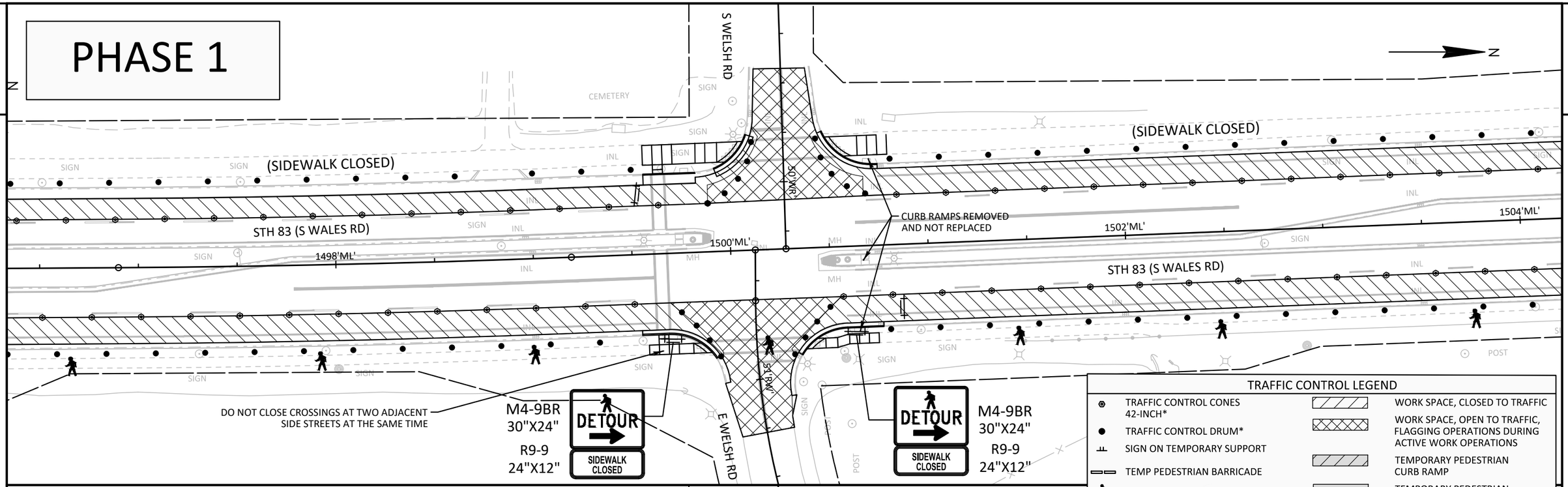
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 02 OF 14	SHEET 213	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg

PLOT DATE : 7/14/2025 11:58 AM PLOT BY : SEH LAYOUT NAME : 02 PLOT SCALE : 1.0 IN = #### FT

WISDOT/CADDS SHEET 42

PHASE 1

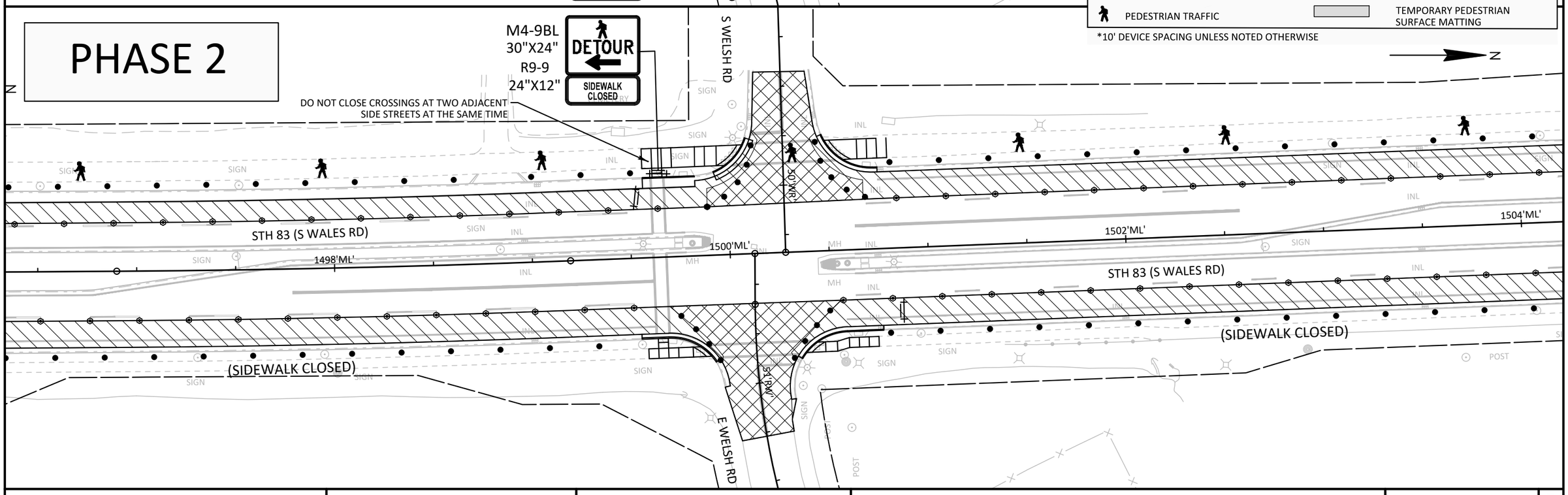


TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- SIGN ON TEMPORARY SUPPORT
- TEMP PEDESTRIAN BARRICADE
- PEDESTRIAN TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

PHASE 2



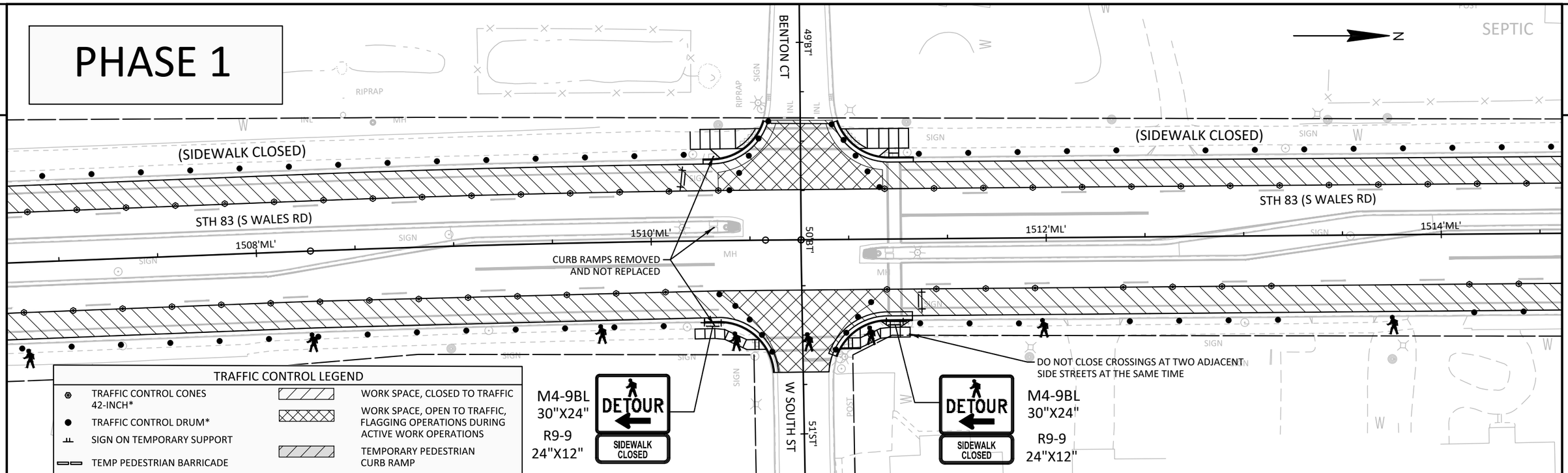
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 03 OF 14	SHEET 214	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg

PLOT DATE : 7/14/2025 11:59 AM PLOT BY : SEH LAYOUT NAME : 03 PLOT SCALE : 1.0 IN = #### FT

WISDOT/CADDS SHEET 42

PHASE 1

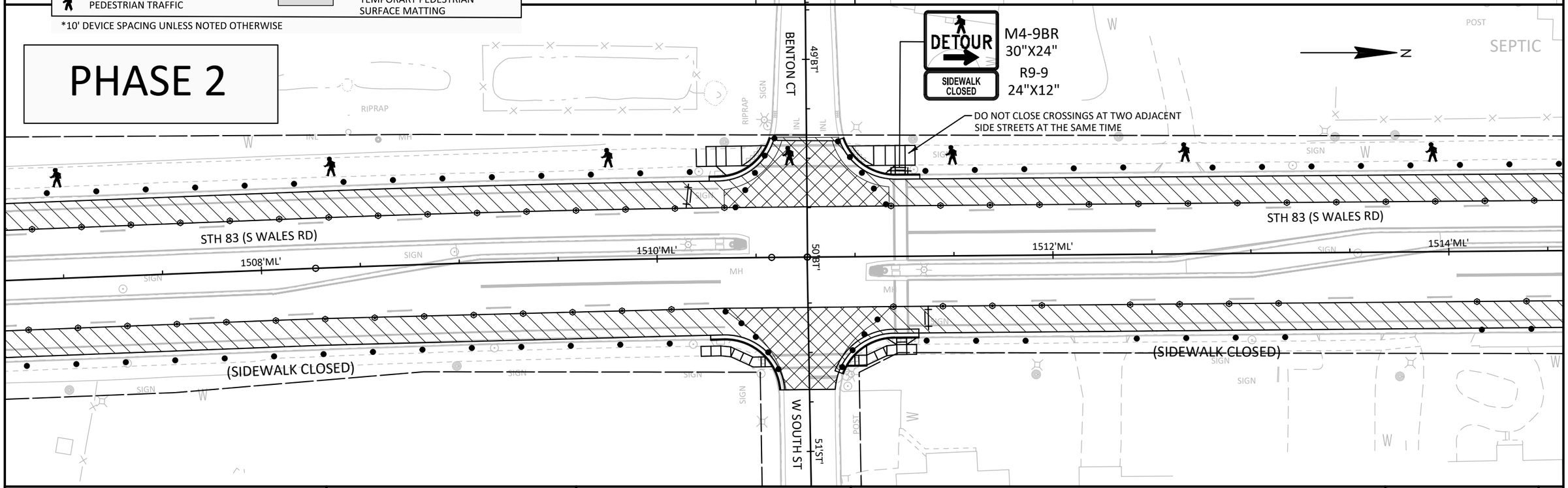


TRAFFIC CONTROL LEGEND

TRAFFIC CONTROL CONES 42-INCH*	WORK SPACE, CLOSED TO TRAFFIC
TRAFFIC CONTROL DRUM*	WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
SIGN ON TEMPORARY SUPPORT	TEMPORARY PEDESTRIAN CURB RAMP
TEMP PEDESTRIAN BARRICADE	TEMPORARY PEDESTRIAN SURFACE MATTING
PEDESTRIAN TRAFFIC	

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

PHASE 2



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 04 OF 14	SHEET 215	E

PHASE 1

(SIDEWALK CLOSED)

(SIDEWALK CLOSED)

(SIDEWALK CLOSED)

CRIGLAS RD

52'CR'

CURB RAMPS REMOVED AND NOT REPLACED

CURB RAMPS REMOVED AND NOT REPLACED

1514'ML'

1516'ML'

1518'ML'

1520'ML'

50'MT'

STH 83 (S WALES RD)

DO NOT CLOSE CROSSINGS AT TWO ADJACENT SIDE STREETS AT THE SAME TIME

DO NOT CLOSE CROSSINGS AT TWO ADJACENT SIDE STREETS AT THE SAME TIME

M4-9BR 30"X24"
R9-9 24"X12"
DETOUR
SIDEWALK CLOSED

M4-9BR 30"X24"
R9-9 24"X12"
DETOUR
SIDEWALK CLOSED

M4-9BL 30"X24"
R9-9 24"X12"
DETOUR
SIDEWALK CLOSED

M4-9BL 30"X24"
R9-9 24"X12"
DETOUR
SIDEWALK CLOSED

53'CR'

CRIGLAS RD

W MAIN ST

51'MT'

SEPTIC

A/C

W

SEPTIC

M4-9BL 30"X24"
R9-9 24"X12"
DETOUR
SIDEWALK CLOSED

M4-9BR 30"X24"
R9-9 24"X12"
DETOUR
SIDEWALK CLOSED

DO NOT CLOSE CROSSINGS AT TWO ADJACENT SIDE STREETS AT THE SAME TIME

DO NOT CLOSE CROSSINGS AT TWO ADJACENT SIDE STREETS AT THE SAME TIME

1514'ML'

1516'ML'

1518'ML'

1520'ML'

50'MT'

STH 83 (S WALES RD)

(SIDEWALK CLOSED)

(SIDEWALK CLOSED)

(SIDEWALK CLOSED)

CRIGLAS RD

53'CR'

W MAIN ST

51'MT'

PHASE 2

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- SIGN ON TEMPORARY SUPPORT
- TEMP PEDESTRIAN BARRICADE
- PEDESTRIAN TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 05 OF 14	SHEET 216	E

2

(SIDEWALK CLOSED)

(SIDEWALK CLOSED)

1518'ML' 1520'ML' 1522'ML' 1524'ML'

STH 83 (S WALES RD)

STH 83 (S WALES RD)

CURB RAMPS REMOVED AND NOT REPLACED

M4-9BR 30"X24"

R9-9 24"X12"

DETOUR

SIDEWALK CLOSED

DO NOT CLOSE CROSSINGS AT TWO ADJACENT SIDE STREETS AT THE SAME TIME

W MAIN ST

60'MT'

53'MT'

M4-9BL 30"X24"

R9-9 24"X12"

DETOUR

SIDEWALK CLOSED

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- SIGN ON TEMPORARY SUPPORT
- TEMP PEDESTRIAN BARRICADE
- PEDESTRIAN TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

PHASE 1

M4-9BR 30"X24"

R9-9 24"X12"

DETOUR

SIDEWALK CLOSED

DO NOT CLOSE CROSSINGS AT TWO ADJACENT SIDE STREETS AT THE SAME TIME

1518'ML' 1520'ML' 1522'ML' 1524'ML'

STH 83 (S WALES RD)

STH 83 (S WALES RD)

(SIDEWALK CLOSED)

(SIDEWALK CLOSED)

W MAIN ST

60'MT'

53'MT'

PHASE 2

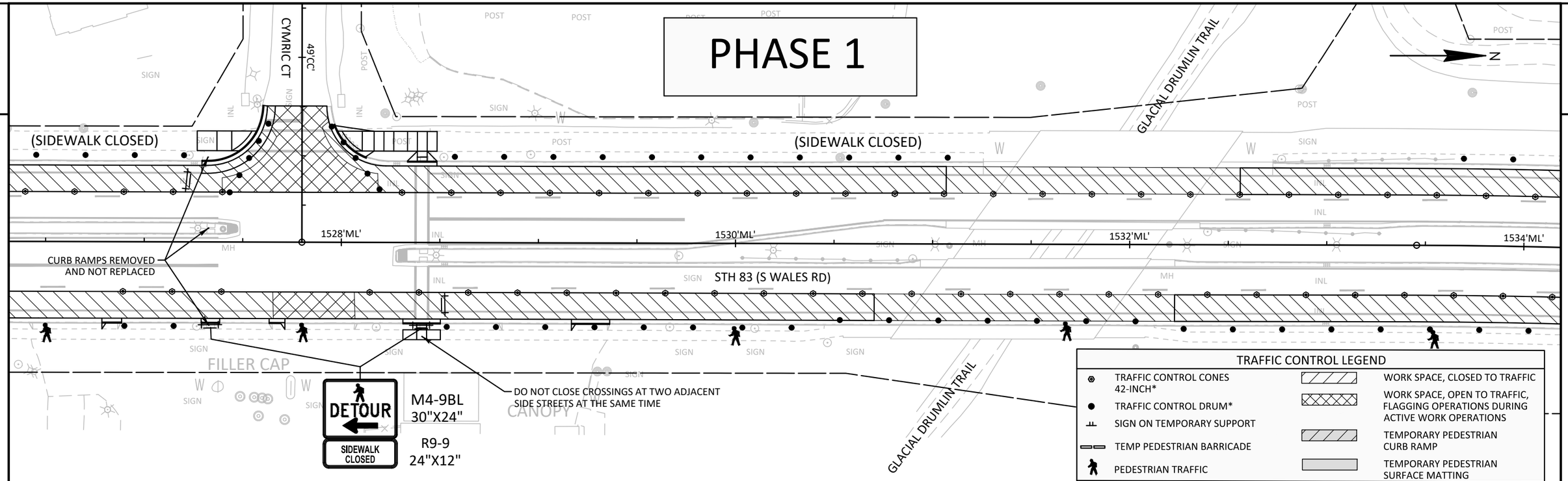
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 06 OF 14	SHEET 217	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg

PLOT DATE : 7/14/2025 11:59 AM PLOT BY : SEH LAYOUT NAME : 06 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

PHASE 1

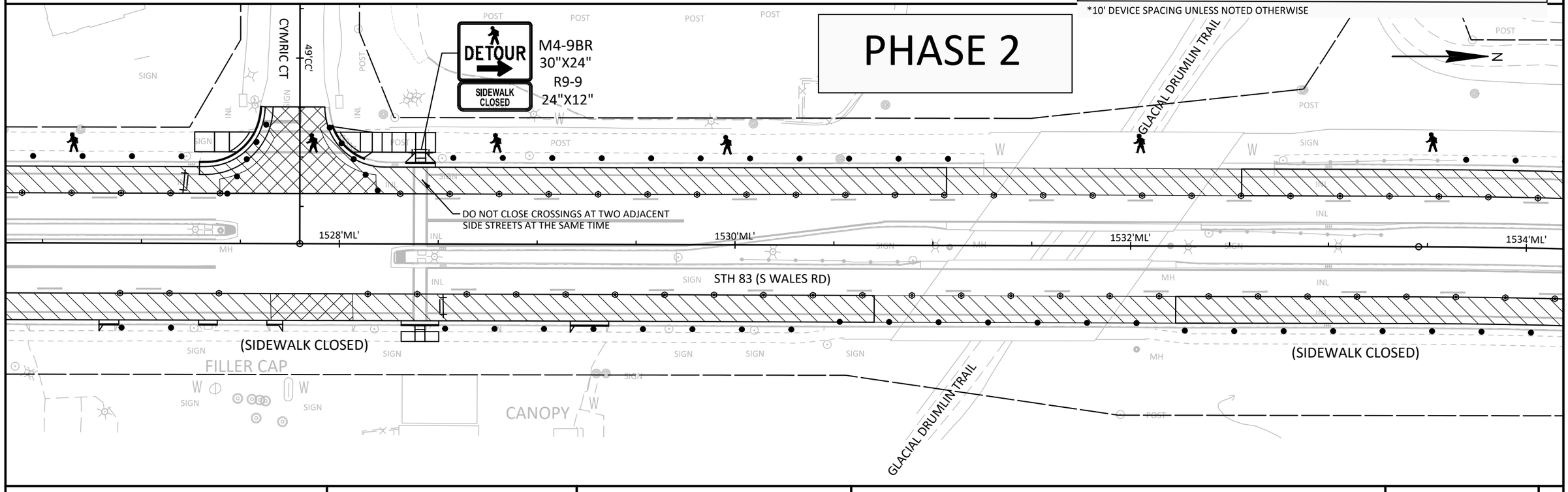


TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- SIGN ON TEMPORARY SUPPORT
- TEMP PEDESTRIAN BARRICADE
- PEDESTRIAN TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

PHASE 2



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 07 OF 14	SHEET 218	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg

PLOT DATE : 7/14/2025 11:59 AM PLOT BY : SEH LAYOUT NAME : 07 PLOT SCALE : 1.0 IN = #### FT

WISDOT/CADDS SHEET 42

2

2

(SIDEWALK CLOSED)

1534'ML'

1536'ML'

1538'ML'

1540'ML'

STH 83 (S WALES RD)

(SIDEWALK CLOSED)

FILLER CAP

M4-9BL
30"X24"
R9-9
24"X12"

DETOUR
SIDEWALK CLOSED

PHASE 1

TRAFFIC CONTROL LEGEND	
TRAFFIC CONTROL CONES 42-INCH*	WORK SPACE, CLOSED TO TRAFFIC
TRAFFIC CONTROL DRUM*	WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
SIGN ON TEMPORARY SUPPORT	TEMPORARY PEDESTRIAN CURB RAMP
TEMP PEDESTRIAN BARRICADE	TEMPORARY PEDESTRIAN SURFACE MATTING
PEDESTRIAN TRAFFIC	

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

1534'ML'

1536'ML'

1538'ML'

1540'ML'

STH 83 (S WALES RD)

(SIDEWALK CLOSED)

(SIDEWALK CLOSED)

M4-9BR
30"X24"
R9-9
24"X12"

DETOUR
SIDEWALK CLOSED

PHASE 2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 08 OF 14	SHEET 219	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg

PLOT DATE : 7/14/2025 11:59 AM

PLOT BY : SEH

LAYOUT NAME : 08

PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

2

SEE PLAN DETAIL TEMPORARY PEDESTRIAN DETOUR DETAIL A

NEWPORT DR

N

79'SA'

80'SA'

81'SA'

1542'ML'

1544'ML'

1546'ML'

1548'ML'

STH 83

STH 83 (S WALES RD)

PHASE 1

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- SIGN ON TEMPORARY SUPPORT
- TEMP PEDESTRIAN BARRICADE
- PEDESTRIAN TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

NEWPORT DR

N

79'SA'

80'SA'

1542'ML'

1544'ML'

1546'ML'

1548'ML'

STH 83

STH 83 (S WALES RD)

PHASE 2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 09 OF 14	SHEET 220	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg

PLOT DATE : 7/14/2025 12:00 PM

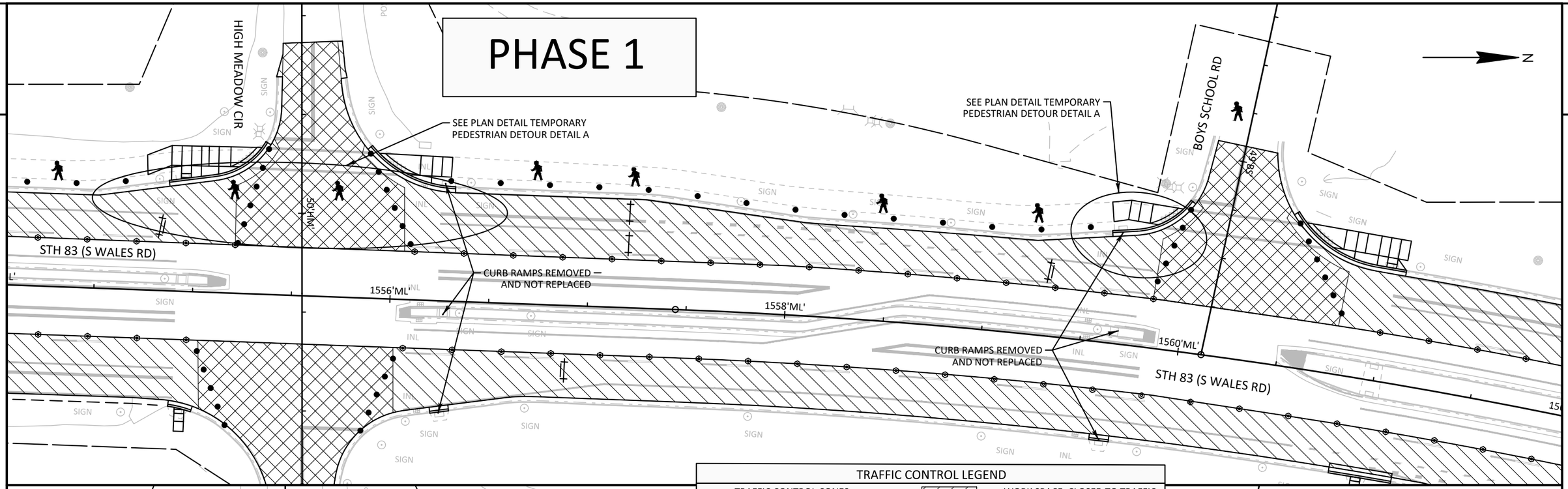
PLOT BY : SEH

LAYOUT NAME : 09

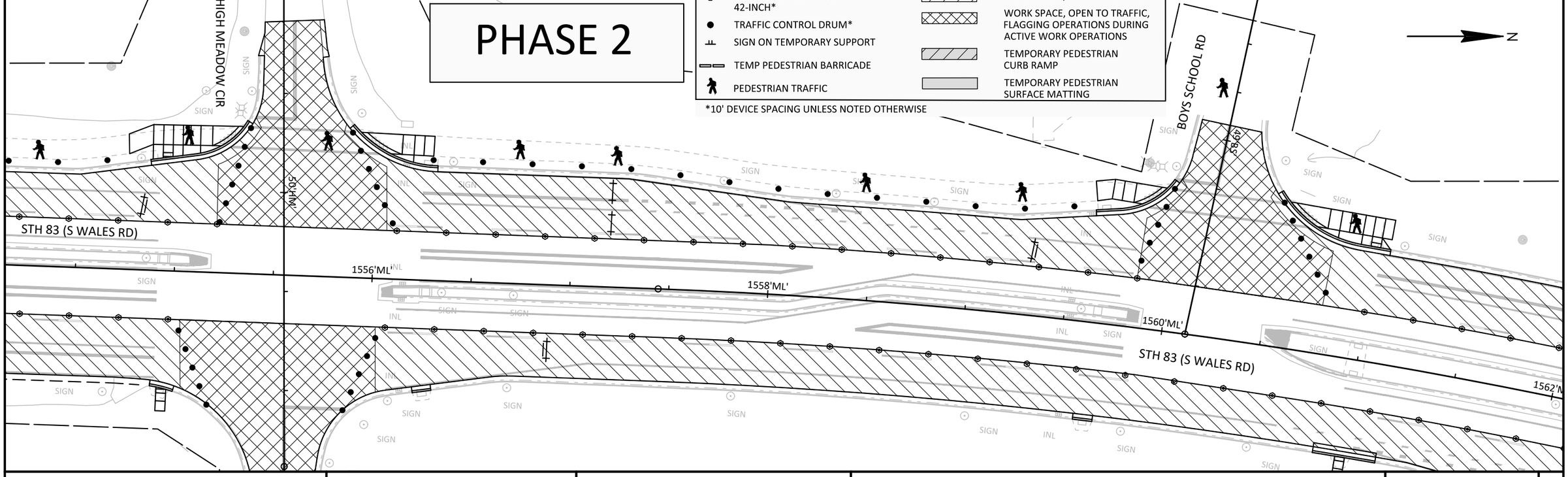
PLOT SCALE : 1.0 IN = #### FT

WISDOT/CADDS SHEET 42

PHASE 1



PHASE 2



TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- SIGN ON TEMPORARY SUPPORT
- TEMP PEDESTRIAN BARRICADE
- PEDESTRIAN TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 10 OF 14	SHEET 221	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg

PLOT DATE : 7/14/2025 12:00 PM PLOT BY : SEH LAYOUT NAME : 10 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 42

PHASE 1

CONSTRUCT UNDER STAGED CONSTRUCTION MAINTAIN MINIMUM 4-FT WIDTH FOR PEDESTRIANS

SQUIRE RD

CTH E (W TOMLIN RD)

STH 83

CTH,DE (SUNSET DR)

CTH D

56'CH'

57'CH'

58'CH'

59'CH'

60'CH'

61'CH'

62'CH'

63'CH'

1454'ML'

1452'ML'

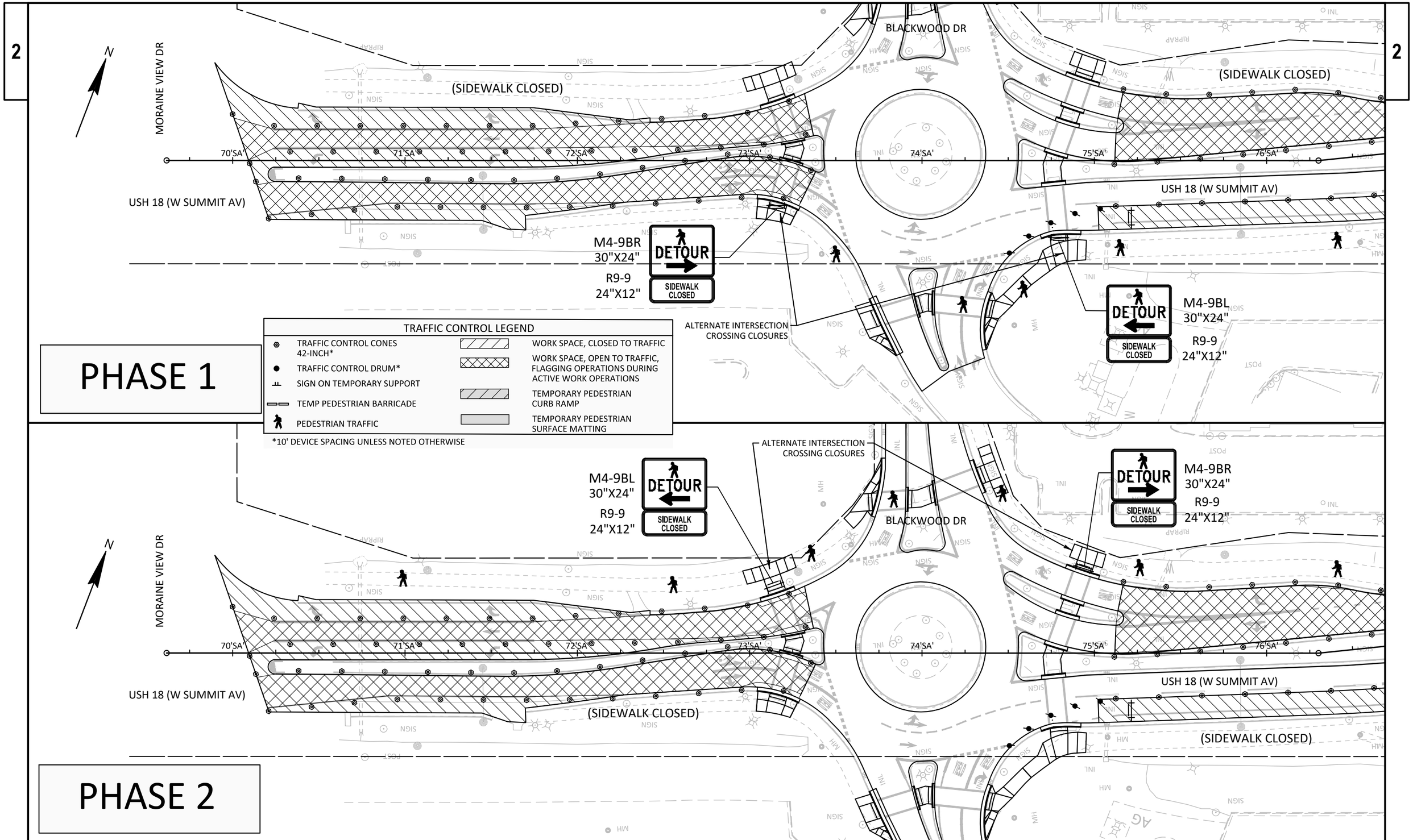
TRAFFIC CONTROL LEGEND

TRAFFIC CONTROL CONES 42-INCH*	WORK SPACE, CLOSED TO TRAFFIC
TRAFFIC CONTROL DRUM*	WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
SIGN ON TEMPORARY SUPPORT	TEMPORARY PEDESTRIAN CURB RAMP
TEMP PEDESTRIAN BARRICADE	TEMPORARY PEDESTRIAN SURFACE MATTING
PEDESTRIAN TRAFFIC	

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 11 OF 14	SHEET 222 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg
PLOT DATE : 7/14/2025 12:00 PM
PLOT BY : SEH
LAYOUT NAME : 11
PLOT SCALE : 1.0 IN = #### FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 12 OF 14	SHEET 223	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg
PLOT DATE : 7/14/2025 12:00 PM
PLOT BY : SEH
LAYOUT NAME : 12
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

PHASE 1

CURB RAMP CONSTRUCTION SEQUENCE:
PHASE 1A: CR#077, CR#078, CR#079
PHASE 1B: CR#080, CR#081
PHASE 1C: CR#083, CR#084

TEMPORARY PEDESTRIAN SURFACE MATTING (10' WIDTH REQ'D)

M4-9BL 30"X24"
R9-9 24"X12"
DETOUR
SIDEWALK CLOSED

M4-9BR 30"X24"
R9-9 24"X12"
DETOUR
SIDEWALK CLOSED

SIDEWALK CLOSURE SIGNAGE (TYPICAL APPLICATION FOR ALL CLOSURES)

M4-9BL 30"X24"
R9-9 24"X12"
DETOUR
SIDEWALK CLOSED

CR#077
CR#078
CR#079
CR#080
CR#081
CR#083
CR#084
STH 83
1542'ML
(SIDEWALK CLOSED)
USH 18 (W SUMMIT AV)
77'SA'
78'SA'
79'SA'
80'SA'
81'SA'
82'SA'
83'SA'
84'SA'
SEPTIC
N

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL CONES 42-INCH*
- TRAFFIC CONTROL DRUM*
- SIGN ON TEMPORARY SUPPORT
- TEMP PEDESTRIAN BARRICADE
- PEDESTRIAN TRAFFIC
- WORK SPACE, CLOSED TO TRAFFIC
- WORK SPACE, OPEN TO TRAFFIC, FLAGGING OPERATIONS DURING ACTIVE WORK OPERATIONS
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING

*10' DEVICE SPACING UNLESS NOTED OTHERWISE

PHASE 2

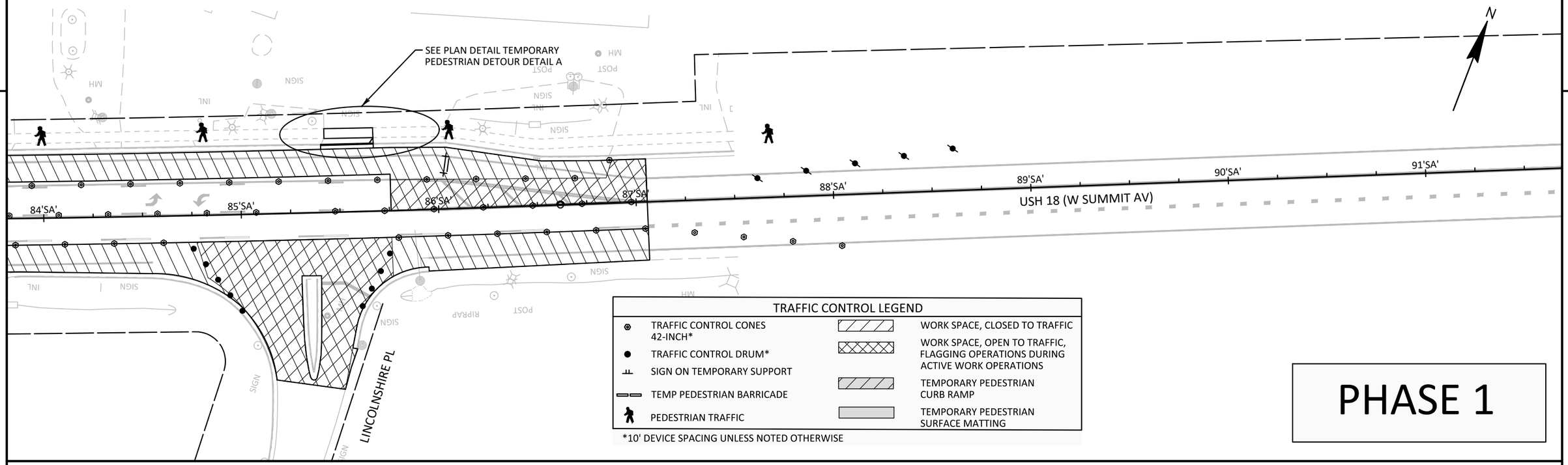
CURB RAMP CONSTRUCTION SEQUENCE:
PHASE 2A: CR#082
PHASE 2B: CR#073, CR#074, CR#075
PHASE 2C: CR#076

M4-9BR 30"X24"
R9-9 24"X12"
DETOUR
SIDEWALK CLOSED

CONSTRUCT UNDER STAGED CONSTRUCTION MAINTAIN MINIMUM 4-FT WIDTH FOR PEDESTRIANS

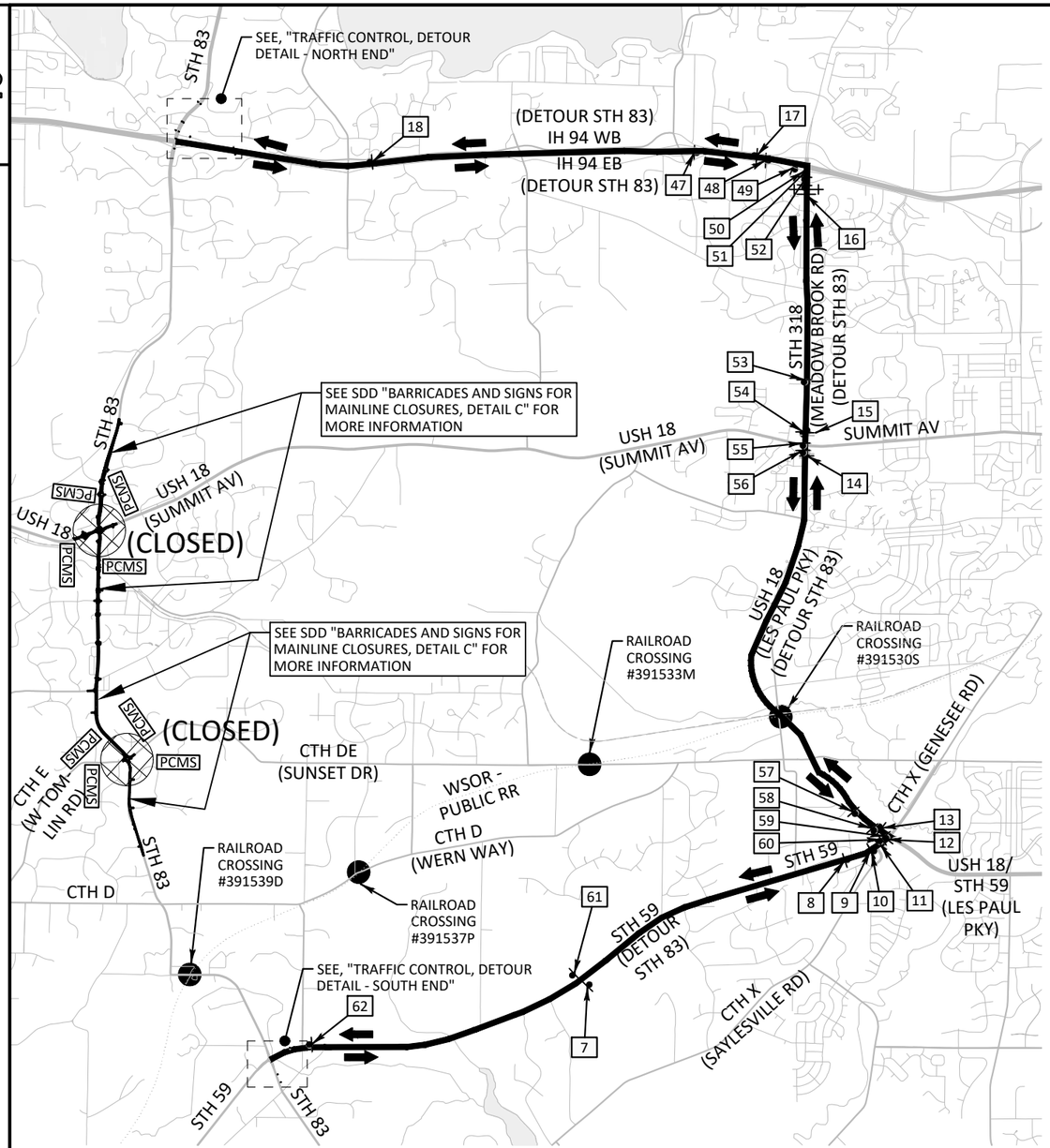
CR#073
CR#074
CR#075
CR#076
CR#082
(SIDEWALK CLOSED)
USH 18 (W SUMMIT AV)
STH 83
1542'ML
77'SA'
78'SA'
79'SA'
80'SA'
81'SA'
82'SA'
83'SA'
84'SA'
SEPTIC

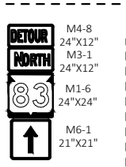
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 13 OF 14	SHEET 224	E



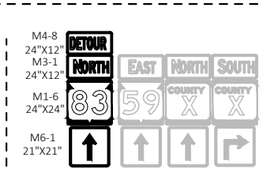
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 3 PEDESTRIAN DETOURS	PAGE 14 OF 14	SHEET 225	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 02 Typ Sec & Details\025100_tc stg 2 (Traffic Control-Stage 2PD).dwg
PLOT DATE : 7/14/2025 12:00 PM
PLOT BY : SEH
LAYOUT NAME : 14
PLOT SCALE : 1.0 IN = 50.0 FT
WISDOT/CADDS SHEET 42

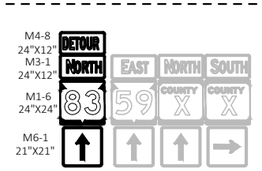




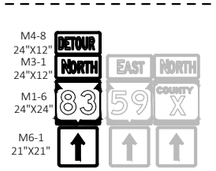
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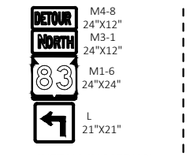
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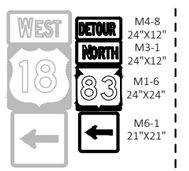


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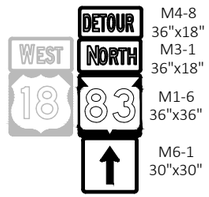


INSTALL IN MEDIAN BETWEEN EASTERLY SIGNAL STANDARD AND WEST 18 ADVANCED ROUTE MARKER

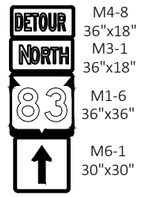
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12

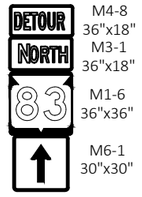


13



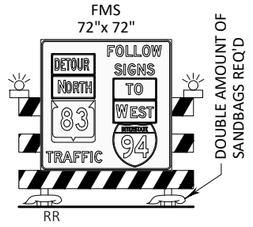
INSTALL MIDWAY BETWEEN WEST 18 ADVANCED ROUTE AND NORTH 318 ADVANCED ROUTE MARKER

14



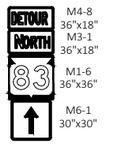
INSTALL 100' DOWNSTREAM OF NORTH 318 ROUTE CONFIRMATION

15



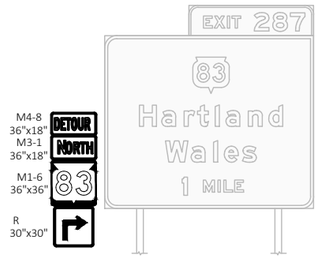
INSTALL ON TYPE III IN MEDIAN 150' SOUTH OF THE START OF MEDIAN GRASS. NOTE, 2ND RAIL SIGN COVERAGE PERMITTED FOR THIS INSTALLATION ONLY.

16

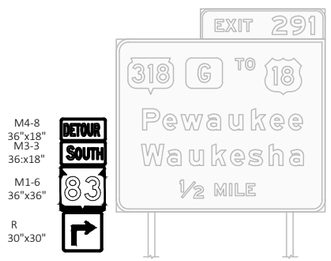


INSTALL BEHIND BARRIER AT END OF RAMP PAVEMENT MARKING GORE.

17



18



47

DETOUR PLAN LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- COVERING SIGNS TYPE II
- PCMS — TRAFFIC CONTROL SIGNS PCMS
- FMS — TRAFFIC CONTROL SIGNS FIXED MESSAGE
- DETOUR ROUTE
- WORK SPACE OPEN TO TRAFFIC
- WORK SPACE CLOSED TO TRAFFIC

PLACE PCMS SIGNS AT THE INTERSECTIONS SHOWN ON THE PLANS 7 DAYS IN ADVANCE OF FULL CLOSURE NOTIFYING TRAFFIC OF UPCOMING FULL ROADWAY CLOSURE.

PCMS MESSAGE: FRAME 1: STH 83 TO CLOSE FRAME 2: XXXDAY XX/XX

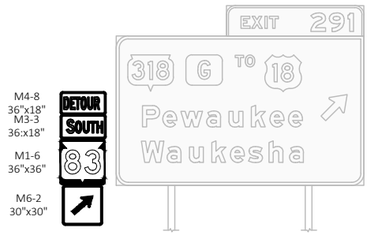
PCMS MESSAGE TO USE WHEN CLOSURE IS ACTIVE

PCMS MESSAGE: FRAME 1: STH 83 CLOSED FRAME 2: USE ALT ROUTE

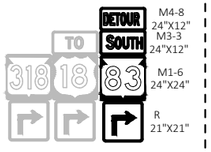
GENERAL NOTES DETOUR PLAN

1. DETOUR PLAN TO BE USED DURING THE STAGE 1 FULL NIGHTTIME CLOSURES FOR ROUNDABOUT CONSTRUCTION. MAINTAIN ACCESS FOR LOCAL TRAFFIC AND EMERGENCY VEHICLES ONLY.
2. DO NOT PLACE ANY ITEMS WITHIN 50 FEET OF RAILROAD RIGHT-OF-WAY.
3. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
4. 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.
5. 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.
6. 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.
7. SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.
8. TYPE III BARRICADES SHALL HAVE TWO, TWO-WAY TYPE "A" WARNING LIGHTS ON EACH BARRICADE.
9. ALL "WO" OR "W" DIAMOND SHAPED WARNING SIGNS, SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.
10. "MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
11. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR.

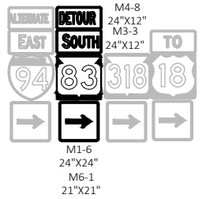
R	1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - DETOUR OVERVIEW	SHEET 226



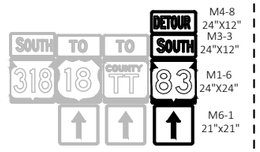
48



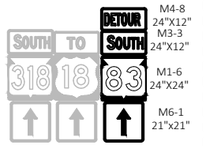
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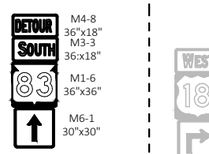
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51

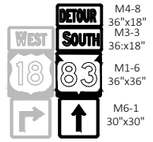


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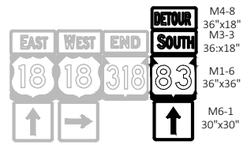
INSTALL MIDWAY BETWEEN JCT/18 ROUTE ASSEMBLY AND SIGNAL AHEAD WARNING SIGN (RIGHT SIDE ONLY)

53

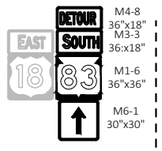


(RIGHT SIDE ONLY)

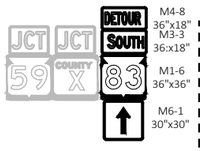
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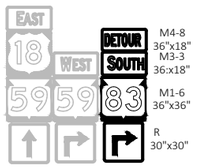
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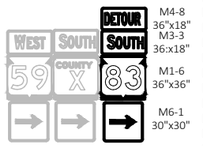
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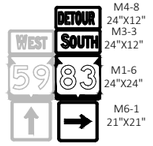
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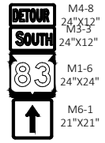
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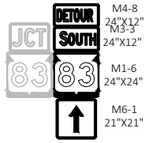
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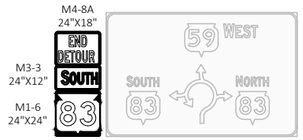
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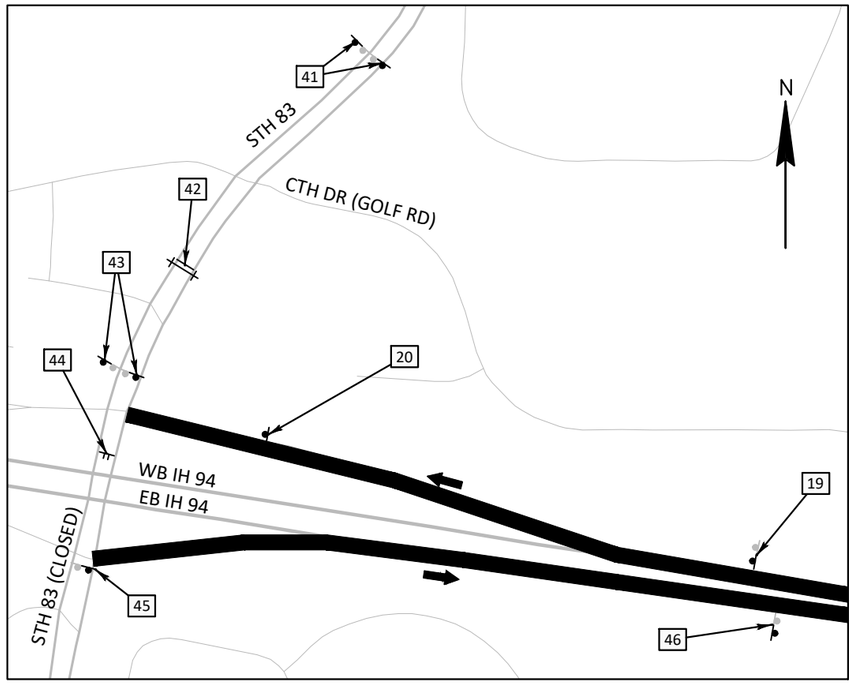
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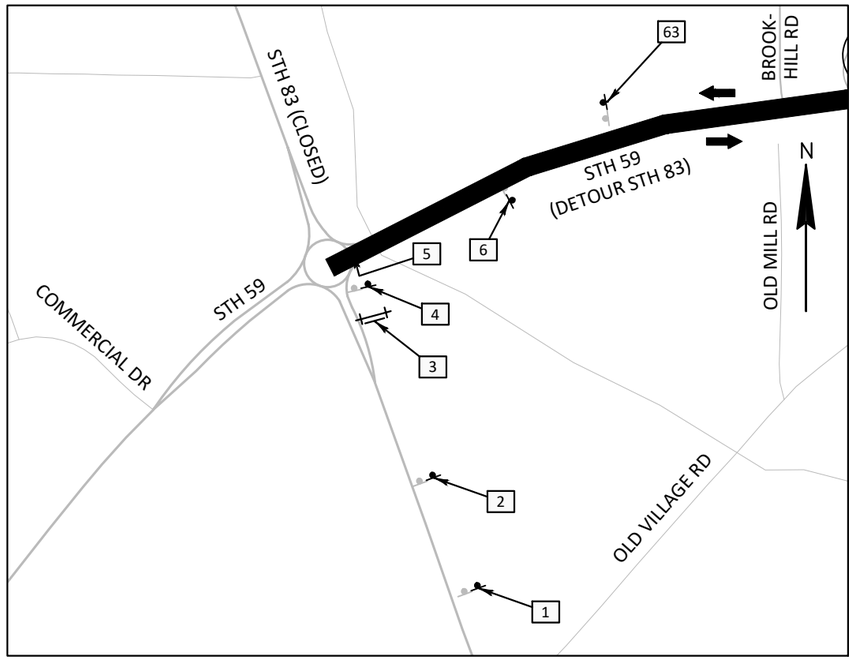
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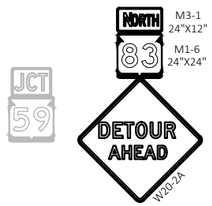
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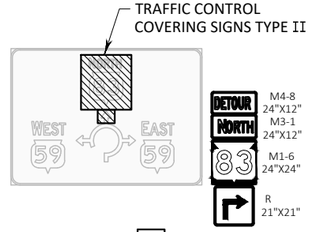
NORTH END



SOUTH END



1



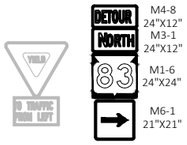
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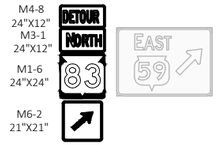
INSTALL ON TYPE III
200' IN ADVANCE OF
THE YIELD SIGN

X.X = 2.6 FOR CTH
D/DE CLOSURE, 4.3
FOR USH 18 CLOSURE

3

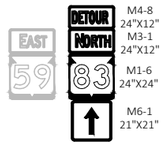


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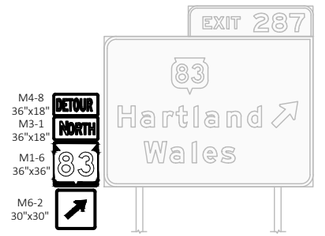


INSTALL ON TEMPORARY
SUPPORT

5



6



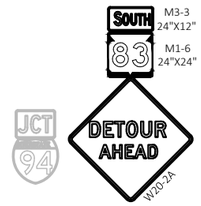
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20



41



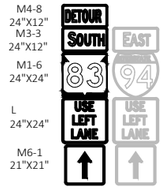


INSTALL ON TYPE III IN THE
MEDIAN ADJACENT TO
THE EX GUIDE SIGN

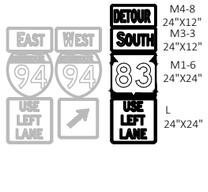
X.X = 2.9 FOR USH 18
CLOSURE, 4.6 FOR
CTH D/DE CLOSURE

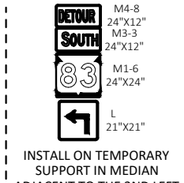
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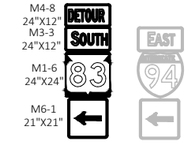
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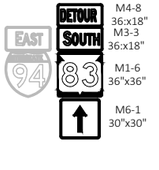


INSTALL ON TEMPORARY
SUPPORT IN MEDIAN
ADJACENT TO THE 2ND LEFT
TURN LANE TAPER START

44



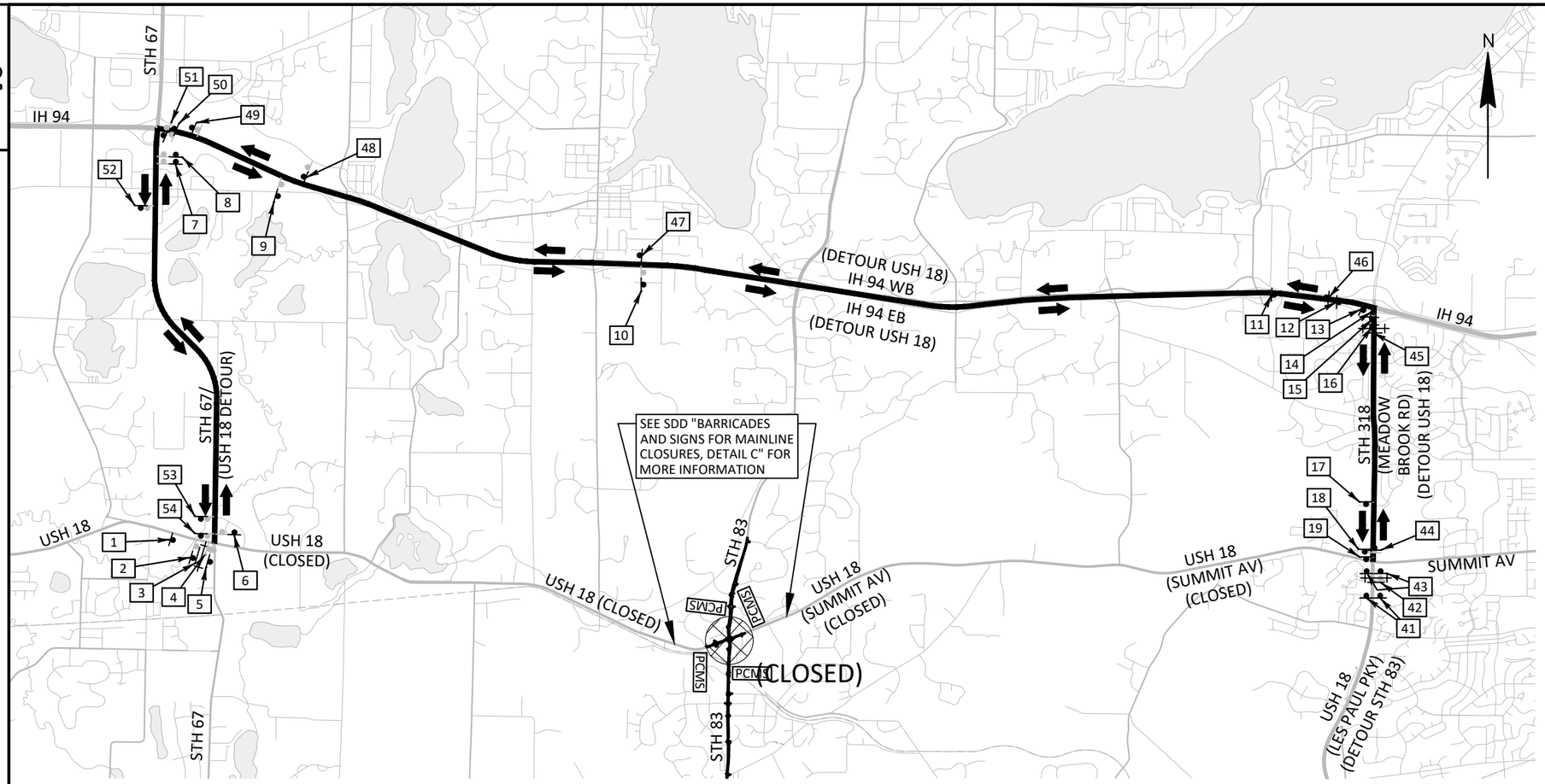
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46

R	1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - DETOUR DETAILS	SHEET 228	E

L LRRLL
L 03
L 7/14/2025 12:01 PM L SEH L LL 1 IN:400 FT
WISDOT/CADDS SHEET 42



DETOUR PLAN LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- COVERING SIGNS TYPE II
- PCMS — TRAFFIC CONTROL SIGNS PCMS
- FMS — TRAFFIC CONTROL SIGNS FIXED MESSAGE
- DETOUR ROUTE
- WORK SPACE OPEN TO TRAFFIC
- WORK SPACE CLOSED TO TRAFFIC

PLACE PCMS SIGNS AT THE INTERSECTIONS SHOWN ON THE PLANS 7 DAYS IN ADVANCE OF FULL CLOSURE NOTIFYING TRAFFIC OF UPCOMING FULL ROADWAY CLOSURE.

PCMS MESSAGE: FRAME 1: USH 18 TO CLOSE FRAME 2: XXXDAY XX/XX

PCMS MESSAGE TO USE WHEN CLOSURE IS ACTIVE

PCMS MESSAGE: FRAME 1: USH 18 CLOSED FRAME 2: USE ALT ROUTE

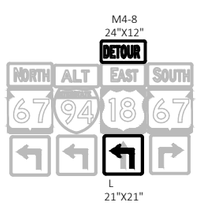
GENERAL NOTES DETOUR PLAN

1. DETOUR PLAN TO BE USED DURING THE STAGE 1 FULL NIGHTTIME CLOSURES FOR ROUNDABOUT CONSTRUCTION. MAINTAIN ACCESS FOR LOCAL TRAFFIC AND EMERGENCY VEHICLES ONLY.
2. DO NOT PLACE ANY ITEMS WITHIN 50 FEET OF RAILROAD RIGHT-OF-WAY.
3. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
4. 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.
5. 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.
6. 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.
7. SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.
8. TYPE III BARRICADES SHALL HAVE TWO, TWO-WAY TYPE "A" WARNING LIGHTS ON EACH BARRICADE.
9. ALL "WO" OR "W" DIAMOND SHAPED WARNING SIGNS, SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.
10. "MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
11. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR.



INSTALL 1000' IN ADVANCE OF ROUTE ASSEMBLIES AT LOCATION 2

1

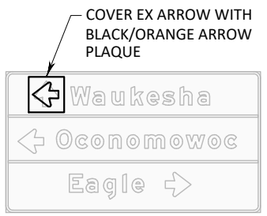


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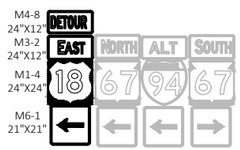
R
60"X30"
ROAD CLOSED TO THRU TRAFFIC
42 MILES AHEAD

INSTALL ON TYPE III AT THE RT SHOULDER 80' IN ADVANCE OF THE WAUKESHA, OCONOMOWOC, EAGLE GUIDE SIGN

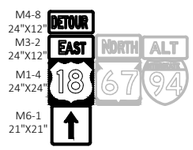
3



4



5

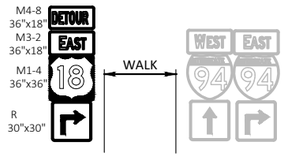


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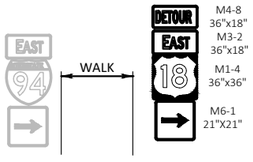
R	1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	TRAFFIC CONTROL - DETOUR OVERVIEW	SHEET 229	E

L LRRLLRL L 01 L 7/14/2025 12:02 PM L SEH L LL 1 IN:1 MI

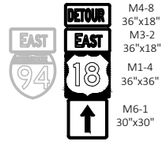
WISDOT/CADDS SHEET 42



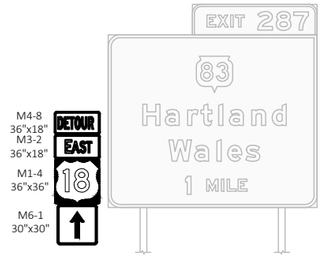
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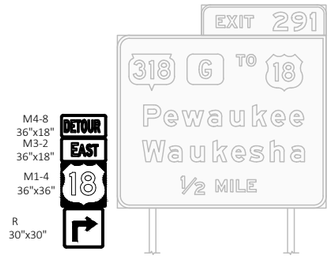
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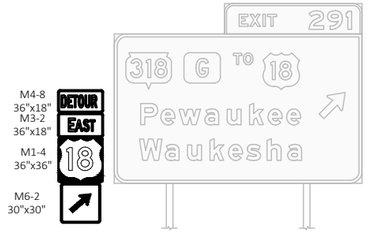
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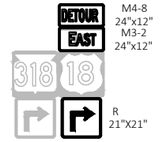
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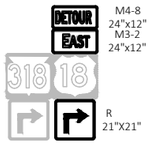
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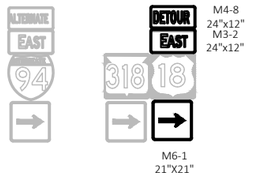
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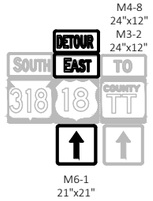
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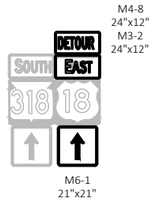
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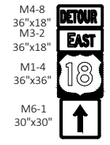
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15

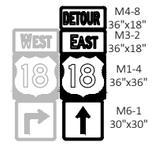


16



INSTALL MIDWAY BETWEEN JCT/18 ROUTE ASSEMBLY AND SIGNAL AHEAD WARNING SIGN (RIGHT SIDE ONLY)

17



(RIGHT SIDE ONLY)

18



19



(INSTALL IN MEDIAN)



(INSTALL IN RIGHT TERRACE)

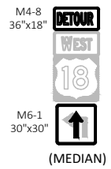
INSTALL 100' NORTH OF "Fiddlers Creek Dr" GUIDE SIGN

41

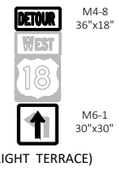


INSTALL ON TYPE III BARRICADE IN SHOULDER LANE ADJACENT TO EX JUNCTION SIGN

42

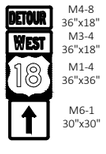


(MEDIAN)



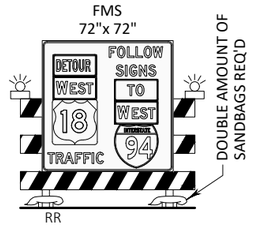
(IRIGHT TERRACE)

43



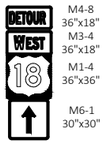
INSTALL 100' DOWNSTREAM OF NORTH 318 ROUTE CONFIRMATION

44



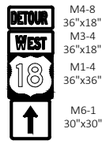
INSTALL ON TYPE III IN MEDIAN 150' SOUTH OF THE START OF MEDIAN GRASS. NOTE, 2ND RAIL SIGN COVERAGE PERMITTED FOR THIS INSTALLATION ONLY.

45



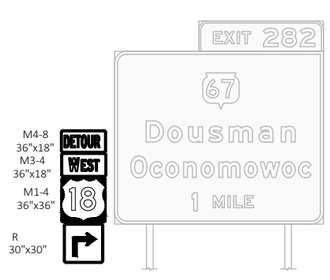
INSTALL BEHIND BARRIER AT END OF RAMP PAVEMENT MARKING GORE.

46

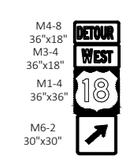


INSTALL ON WB SIDE ADJACENT TO EB LOCATION 10

47



48

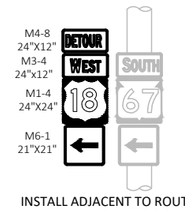


INSTALL 250' DOWN STREAM OF TYPE I EXIT SIGN (NOTE, RAMP ADVISORY SPEED SIGN IS ADJACENT TO EXIT SIGN)

49

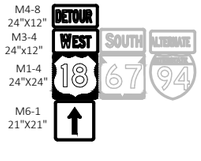


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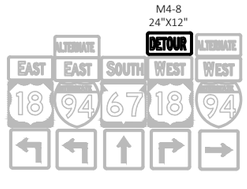


INSTALL ADJACENT TO ROUTE ASSEMBLY ON LEFT SIGN BRIDGE UPRIGHT

51



52



53



54

2

N

RRRL
LRLRRR

(CLOSED)

PLACE PCMS SIGNS AT THE INTERSECTION SHOWN ON THE PLANS 7 DAYS IN ADVANCE OF FULL CLOSURE NOTIFYING TRAFFIC OF UPCOMING FULL ROADWAY CLOSURE.

PCMS MESSAGE: FRAME 1: CTH DE TO CLOSE FRAME 2: XXXDAY XX/XX

PCMS MESSAGE TO USE WHEN CLOSURE IS ACTIVE

PCMS MESSAGE: FRAME 1: CTH DE CLOSED FRAME 2: USE ALT ROUTE

PLACE PCMS SIGNS AT THE INTERSECTION SHOWN ON THE PLANS 7 DAYS IN ADVANCE OF FULL CLOSURE NOTIFYING TRAFFIC OF UPCOMING FULL ROADWAY CLOSURE.

PCMS MESSAGE: FRAME 1: CTH E TO CLOSE FRAME 2: XXXDAY XX/XX

PCMS MESSAGE TO USE WHEN CLOSURE IS ACTIVE

PCMS MESSAGE: FRAME 1: CTH E CLOSED FRAME 2: USE ALT ROUTE

RAILROAD CROSSING #391533M

RAILROAD CROSSING #391530S

RAILROAD CROSSING #391537P

RAILROAD CROSSING #391539D

WSOR - PUBLIC

WERN WAY

SUNSET DRIVE

PARRY RD

MILL POND RD

WATERVL RD

HOLIDAY RD

POINT DR

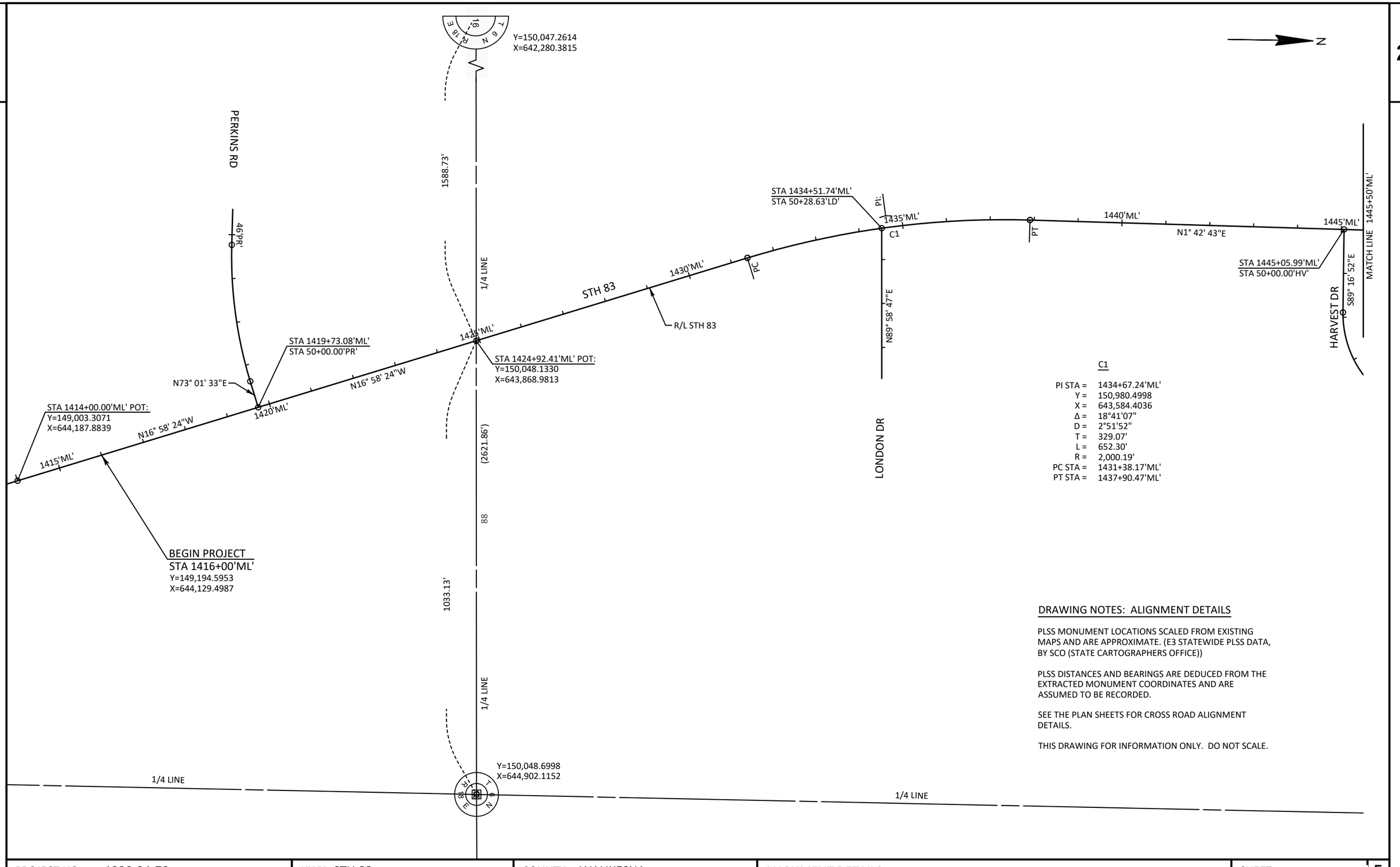
TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE WITH SIGN
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DETOUR ROUTE
- WORK ZONE
- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- FMS — FIXED MESSAGE SIGN

TRAFFIC CONTROL NOTES:

1. DO NOT PLACE ANY ITEMS WITHIN 50 FEET OF RAILROAD RIGHT-OF-WAY.
2. DETOUR PLAN TO BE USED DURING FULL NIGHTTIME CLOSURES FOR ROUNDABOUT CONSTRUCTION. MAINTAIN ACCESS FOR LOCAL TRAFFIC AND EMERGENCY VEHICLES ONLY.
3. THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
4. TYPE III BARRICADES SHALL HAVE TWO, TWO-WAY TYPE "A" WARNING LIGHTS ON EACH BARRICADE.
5. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
6. ALL SIGNS TO BE PROVIDED BY THE CONTRACTOR.

2



C1

PI STA =	1434+67.24'ML'
Y =	150,980.4998
X =	643,584.4036
Δ =	18°41'07"
D =	2°51'52"
T =	329.07'
L =	652.30'
R =	2,000.19'
PC STA =	1431+38.17'ML'
PT STA =	1437+90.47'ML'

DRAWING NOTES: ALIGNMENT DETAILS

PLSS MONUMENT LOCATIONS SCALED FROM EXISTING MAPS AND ARE APPROXIMATE. (E3 STATEWIDE PLSS DATA, BY SCO (STATE CARTOGRAPHERS OFFICE))

PLSS DISTANCES AND BEARINGS ARE DEDUCED FROM THE EXTRACTED MONUMENT COORDINATES AND ARE ASSUMED TO BE RECORDED.

SEE THE PLAN SHEETS FOR CROSS ROAD ALIGNMENT DETAILS.

THIS DRAWING FOR INFORMATION ONLY. DO NOT SCALE.

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	ALIGNMENT DETAILS	SHEET 232 E

2

Y=152,692.9466
X=642,360.6100

1631.44'

(2635.64') 3

SECTION LINE

PORT HAMEL CT

S89° 20' 54"E

N0° 09' 51"W

PT

PI

1475'ML'

N0° 09' 51"W

STH 83

1480

1004.20'

MATCH LINE 1480+00'ML'

STA 1474+27.46'ML'
STA 49+92.69'PC'

1470'ML'

C4

STA 1472+39.71'ML' POC:
Y=154,324.2865
X=642,379.0481

PC

1465'ML'

R/L STH 83

N45° 09' 55"W

STH 83

1460'ML'

PI STA 1458+56.27'ML'
Δ = 0°00'00.3" RT
Y = 153231.7504
X = 643172.0841

N45° 09' 55.3"W

PT

1455'ML'

C3

PI

PC

N71° 28' 37"E

N28° 34' 54"W

STA 1452+82.81'ML'
STA 60+00.28'CH'

PI STA 1452+82.81'ML'
Δ = 10°45'12.1" LT
Y = 152788.0217
X = 643528.8302

N17° 49' 42"W

60'CH'

N35° 35' 40"E

CTH DE (SUNSET DR)

65'CH'

N17° 49' 42"W

STA 1451+76.78'ML' POT:
Y=152,687.0854
X=643,561.2925

PT

PC

N1° 42' 43"E

C2

1450'ML'

PI

N17° 49' 42"W

(2596.67')

1395.85'

S833

MATCH LINE 1445+50'ML'

CTH E (W TOMLIN RD)

55'CH'

1200.82'

SECTION LINE

SQUIRE RD

55'HV'

Y=152,680.2724
X=644,957.2528

N

BASIS OF BEARING:

THE WEST LINE OF THE SW ¼
OF SECTION 9, T-6-N, R-18-E,
WAS TAKEN TO BEAR N0°39'09"E.

	C2	C3	C4
PI STA =	1449+57.79'ML'	1455+04.03'ML'	1469+78.73'ML'
Y =	152,476.2235	152,982.2832	154,023.1566
X =	643,629.1082	643,422.9955	642,376.0990
Δ =	19°32'25"	16°35'01"	45°00'04"
D =	7°38'22"	7°23'33"	6°09'39"
T =	129.15'	112.95'	385.23'
L =	255.78'	224.33'	730.44'
R =	750.00'	775.05'	930.00'
PC STA =	1448+28.64'ML'	1453+91.07'ML'	1465+93.50'ML'
PT STA =	1450+84.43'ML'	1456+15.40'ML'	1473+23.94'ML'

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	ALIGNMENT DETAILS	SHEET 233 E

2

C5		C6		C7		C8	
PI STA =	1485+63.20'ML'	PI STA =	1492+81.91'ML'	PI STA =	1498+04.61'ML'	PI STA =	1509+42.63'ML'
Y =	155,647.6417	Y =	156,362.9621	Y =	156,885.9485	Y =	158,023.7102
X =	642,371.4480	X =	642,444.5422	X =	642,450.1625	X =	642,425.1016
Δ =	5°59'55"	Δ =	5°13'08"	Δ =	1°52'39"	Δ =	1°45'39"
D =	1°38'13"	D =	1°08'45"	D =	0°49'07"	D =	0°45'50"
T =	183.38'	T =	227.87'	T =	114.70'	T =	115.26'
L =	366.43'	L =	455.42'	L =	229.38'	L =	230.50'
R =	3,500.00'	R =	5,000.00'	R =	7,000.00'	R =	7,500.00'
PC STA =	1483+79.82'ML'	PC STA =	1490+54.04'ML'	PC STA =	1496+89.91'ML'	PC STA =	1508+27.37'ML'
PT STA =	1487+46.25'ML'	PT STA =	1495+09.47'ML'	PT STA =	1499+19.29'ML'	PT STA =	1510+57.87'ML'

N

T 6 N R 18 E, Sec 8

Y=155,365.7156
X=639,762.4050

T 6 N R 18 E, Sec 5

Y=158,007.6422
X=639,791.1755

SECTION LINE

(2628.49')

S83

(2629.40')

S88

W BRANDYBROOK RD

2610.35'

45°BR

1/4 LINE

N85° 10' 42"E

MATCH LINE 1480+00'ML'

-18.14'

'ML'

STA 1482+62.87'ML'
STA 49+80.71'BR'

N0° 09' 51"W

PC

1485'ML'

PI:

C5

55°BB'

STA 1486+04.64'ML'
STA 49+82.58'BB'

PT

STA 1488+13.06'ML' POT:
Y=155,896.5383
X=642,396.8812

568.16'

2069.26'

SECTION LINE

(2637.42')

383

N5° 50' 04"E

1490'ML'

PC

R/L STH 83

C6

PI:

1495'ML'

PT

N0° 36' 57"E

PC

C7

PI:

PT

N1° 15' 43"W

N1° 15' 43"W

N89° 10' 12"E

S WELSH RD

STA 1500+28.03'ML'
STA 50+33.96'WR'

1500'ML'

50°RR

15°RW'

S89° 21' 25"E

STA 1500+12.46'ML'
STA 50+34.46'RW'

N1° 15' 43"W

1505'ML'

6.48'

PC

C8

PI:

1510

MATCH LINE 1510+00'ML'

STH 83 (S WALES RD)

Y=157,965.6702
X=642,420.1150

T 6 N R 18 E, Sec 8

T 6 N R 18 E, Sec 9

Y=155,328.4138
X=642,390.6268

(2620.51')

8333

1/4 LINE

N63° 40' 06"E

S BRANDYBROOK RD

55'BB'

E WELSH RD

55'RW'

2631.53'

(2638.01')

88

SECTION LINE

T 6 N R 18 E, Sec 9

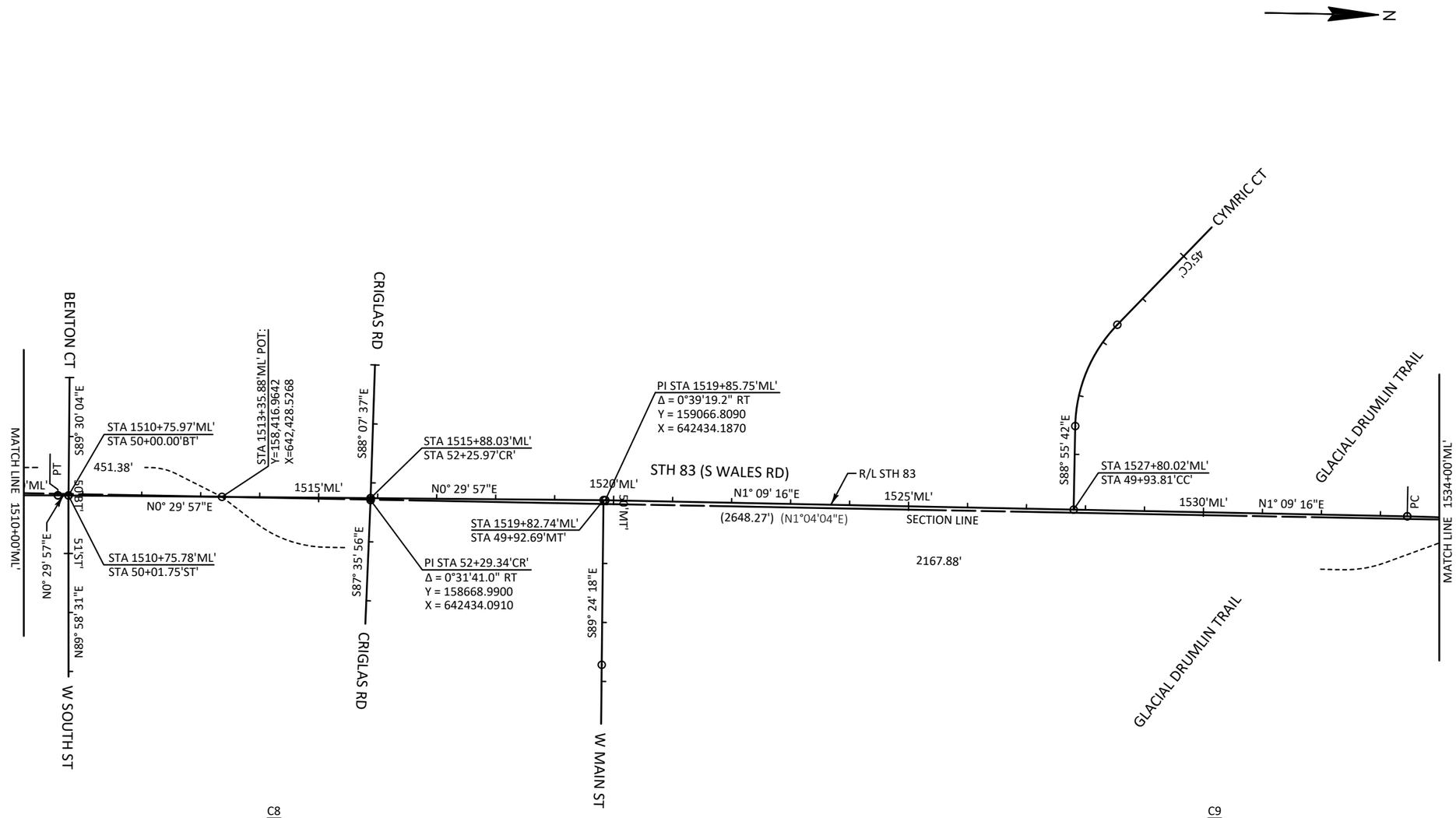
T 6 N R 18 E, Sec 4

Y=155,333.3324
X=645,011.1335

Y=157,966.6804
X=645,058.2514

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	ALIGNMENT DETAILS	SHEET 234	E

2



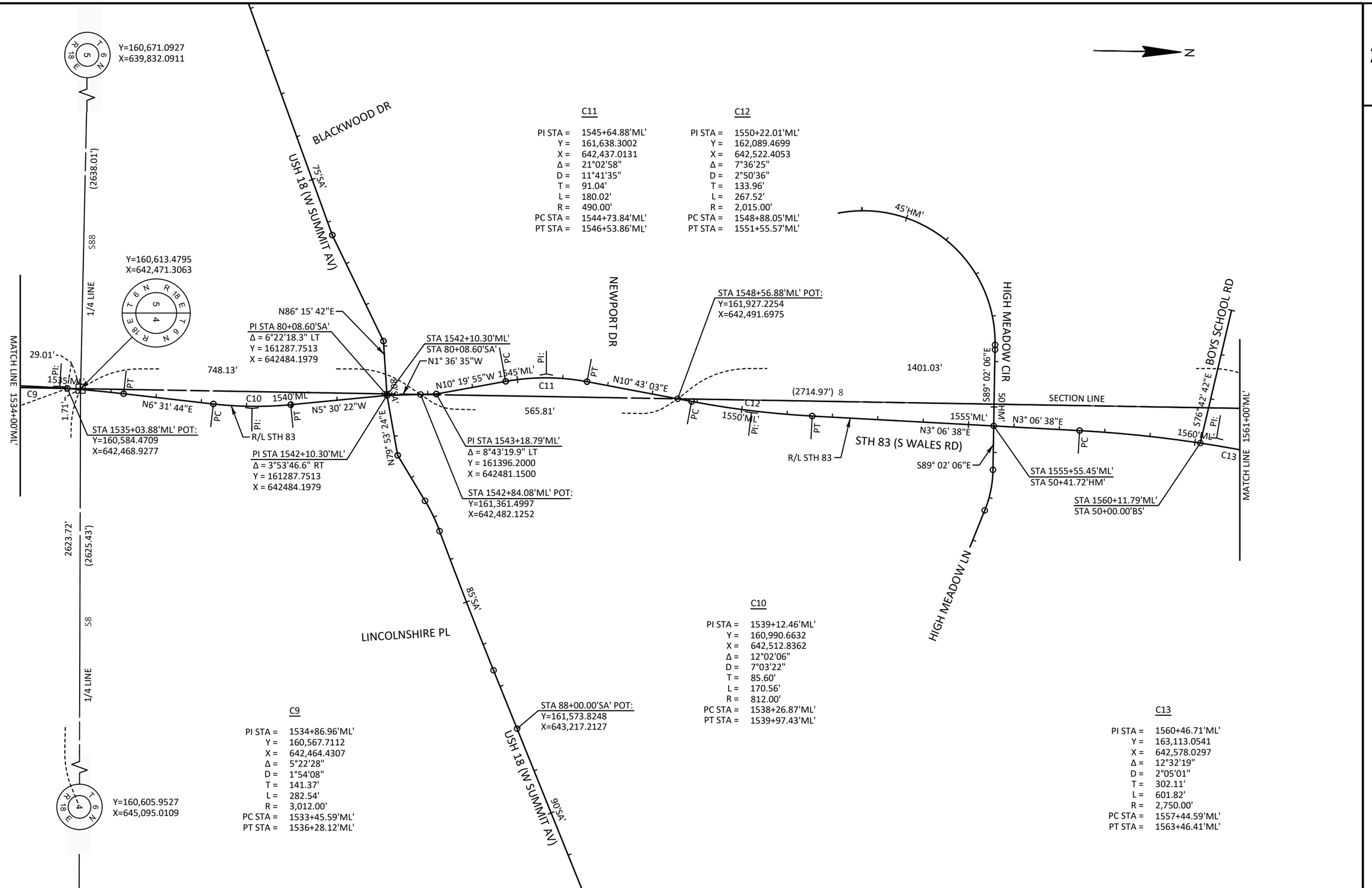
C8

PI STA =	1509+42.63'ML'
Y =	158,023.7102
X =	642,425.1016
Δ =	1°45'39"
D =	0°45'50"
T =	115.26'
L =	230.50'
R =	7,500.00'
PC STA =	1508+27.37'ML'
PT STA =	1510+57.87'ML'

C9

PI STA =	1534+86.96'ML'
Y =	160,567.7112
X =	642,464.4307
Δ =	5°22'28"
D =	1°54'08"
T =	141.37'
L =	282.54'
R =	3,012.00'
PC STA =	1533+45.59'ML'
PT STA =	1536+28.12'ML'

2



C11	
PI STA =	1545+64.88'ML'
Y =	161,638.3002
X =	642,437.0131
Δ =	21°02'58"
D =	11°41'35"
T =	91.04'
L =	180.02'
R =	490.00'
PC STA =	1544+73.84'ML'
PT STA =	1546+53.86'ML'

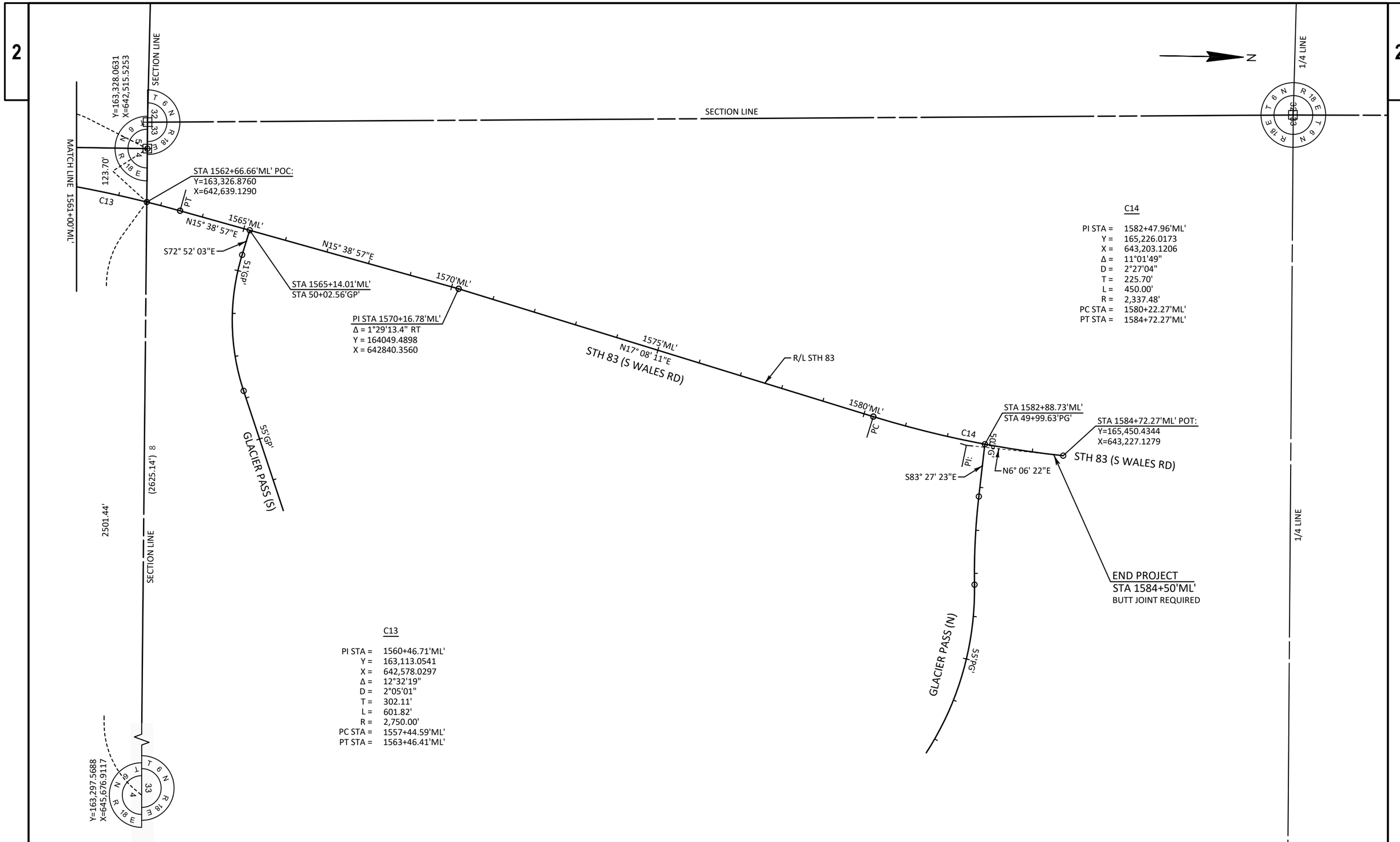
C12	
PI STA =	1550+22.01'ML'
Y =	162,089.4699
X =	642,522.4053
Δ =	7°36'25"
D =	2°50'36"
T =	133.96'
L =	267.52'
R =	2,015.00'
PC STA =	1548+88.05'ML'
PT STA =	1551+55.57'ML'

C9	
PI STA =	1534+86.96'ML'
Y =	160,567.7112
X =	642,464.4307
Δ =	5°22'28"
D =	1°54'08"
T =	141.37'
L =	282.54'
R =	3,012.00'
PC STA =	1533+45.59'ML'
PT STA =	1536+28.12'ML'

C10	
PI STA =	1539+12.46'ML'
Y =	160,990.6632
X =	642,512.8362
Δ =	12°02'06"
D =	7°03'22"
T =	85.60'
L =	170.56'
R =	812.00'
PC STA =	1538+26.87'ML'
PT STA =	1539+97.43'ML'

C13	
PI STA =	1560+46.71'ML'
Y =	163,113.0541
X =	642,578.0297
Δ =	12°32'19"
D =	2°05'01"
T =	302.11'
L =	601.82'
R =	2,750.00'
PC STA =	1557+44.59'ML'
PT STA =	1563+46.41'ML'

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	ALIGNMENT DETAILS	SHEET 236 E



C13

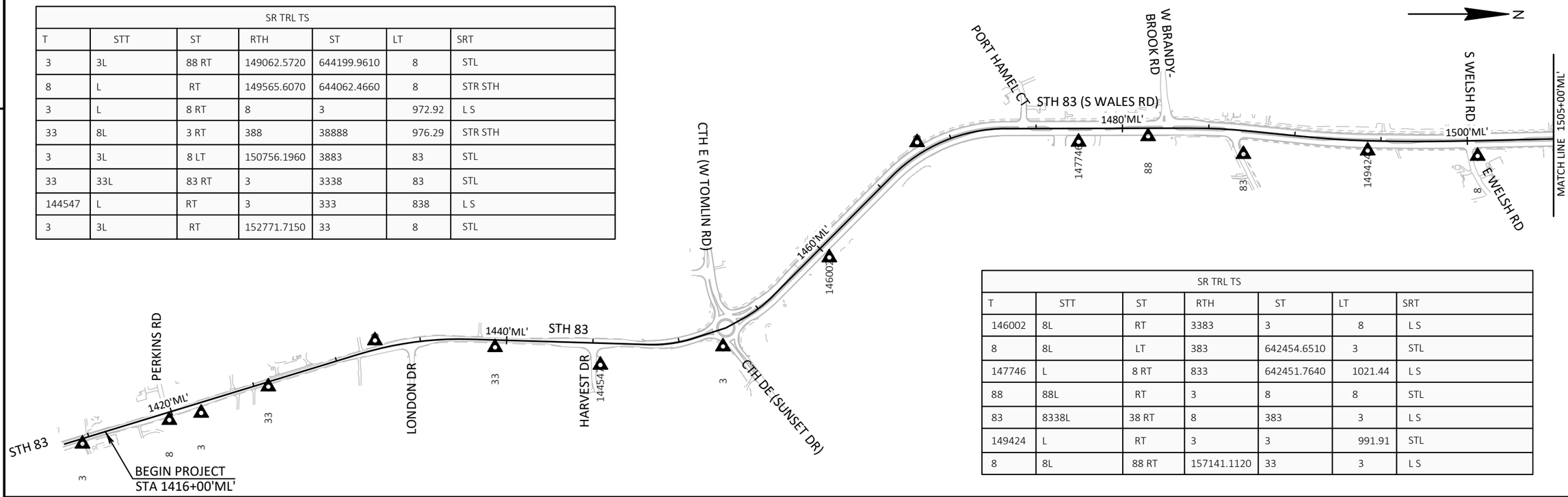
PI STA =	1560+46.71'ML'
Y =	163,113.0541
X =	642,578.0297
Δ =	12°32'19"
D =	2°05'01"
T =	302.11'
L =	601.82'
R =	2,750.00'
PC STA =	1557+44.59'ML'
PT STA =	1563+46.41'ML'

C14

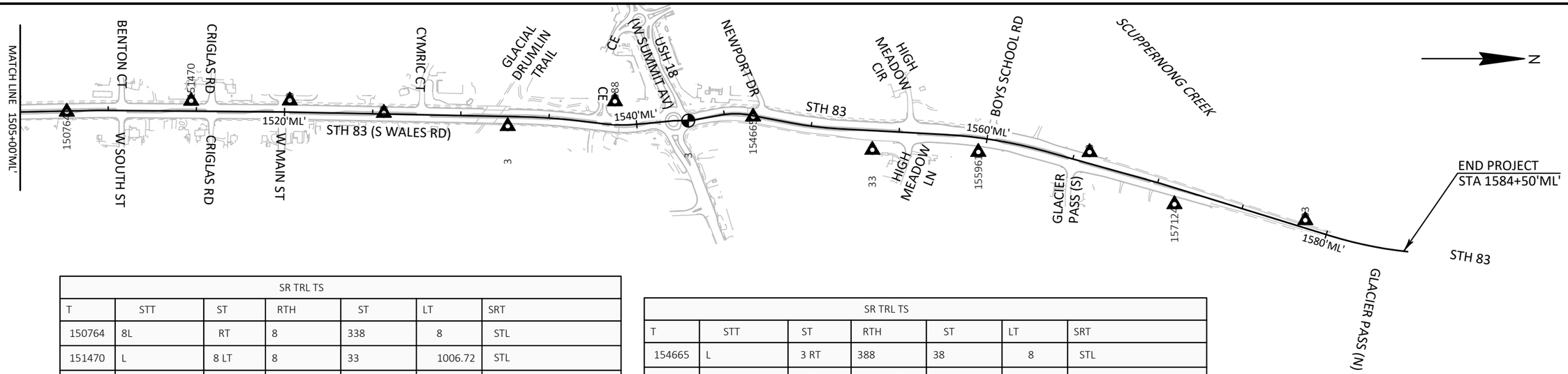
PI STA =	1582+47.96'ML'
Y =	165,226.0173
X =	643,203.1206
Δ =	11°01'49"
D =	2°27'04"
T =	225.70'
L =	450.00'
R =	2,337.48'
PC STA =	1580+22.27'ML'
PT STA =	1584+72.27'ML'

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	ALIGNMENT DETAILS	SHEET 237 E

SR TRL TS						
T	STT	ST	RTH	ST	LT	SRT
3	3L	88 RT	149062.5720	644199.9610	8	STL
8	L	RT	149565.6070	644062.4660	8	STR STH
3	L	8 RT	8	3	972.92	L S
33	8L	3 RT	388	38888	976.29	STR STH
3	3L	8 LT	150756.1960	3883	83	STL
33	33L	83 RT	3	3338	83	STL
144547	L	RT	3	333	838	L S
3	3L	RT	152771.7150	33	8	STL



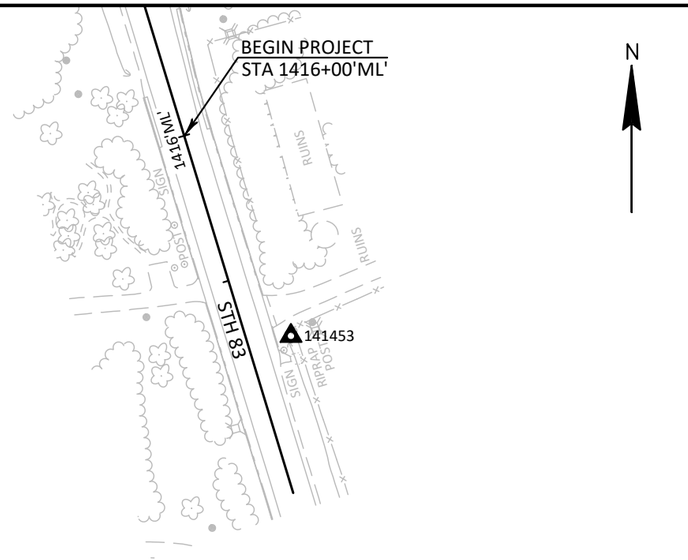
SR TRL TS						
T	STT	ST	RTH	ST	LT	SRT
146002	8L	RT	3383	3	8	L S
8	8L	LT	383	642454.6510	3	STL
147746	L	8 RT	833	642451.7640	1021.44	L S
88	88L	RT	3	8	8	STL
83	8338L	38 RT	8	383	3	L S
149424	L	RT	3	3	991.91	STL
8	8L	88 RT	157141.1120	33	3	L S



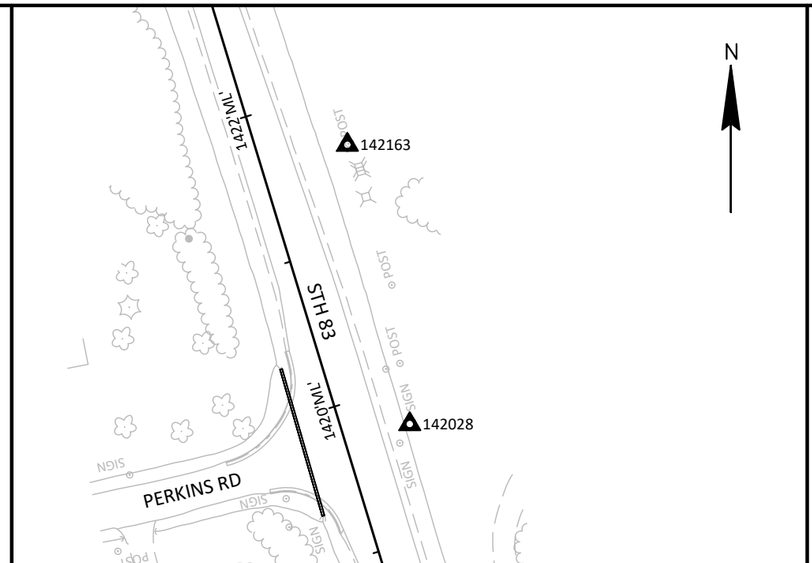
SR TRL TS						
T	STT	ST	RTH	ST	LT	SRT
150764	8L	RT	8	338	8	STL
151470	L	8 LT	8	33	1006.72	STL
8	88L	38 LT	8	38	995.27	L S
3	3L	LT	159644.2640	642440.1010	999.74	STL
3	3L	RT	3	642515.1990	833	STL
388	383L	3 LT	160954.6440	38	995.07	L S
3	3L	RT	383	83	88	T H R

SR TRL TS						
T	STT	ST	RTH	ST	LT	SRT
154665	L	3 RT	388	38	8	STL
33	33L	8 RT	162414.5140	8	8	L S
155961	3L	8 RT	33	88	1010.70	STL
8	883L	LT	38	8	3	STL
157124	L	8 RT	83	833	997.40	L S
83	83L	LT	8	38	3	STL

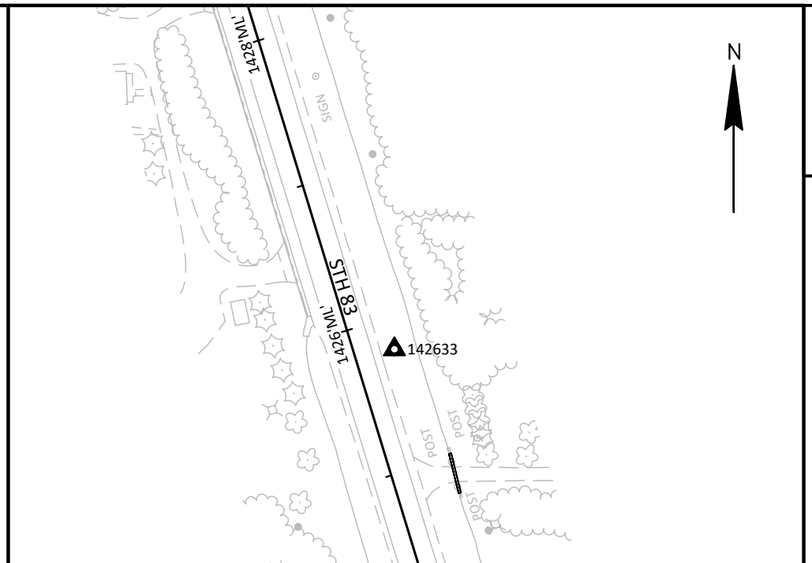
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	SURVEY CONTROL POINTS LOCATION OVERVIEW	SHEET 238 E



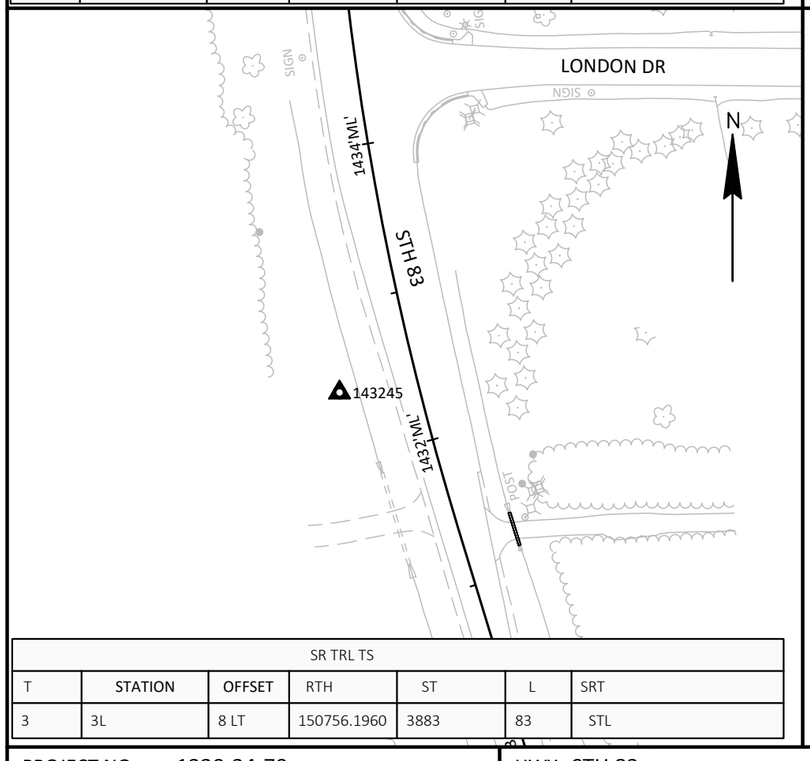
SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
3	3L	88 RT	149062.5720	644199.9610	8	STL



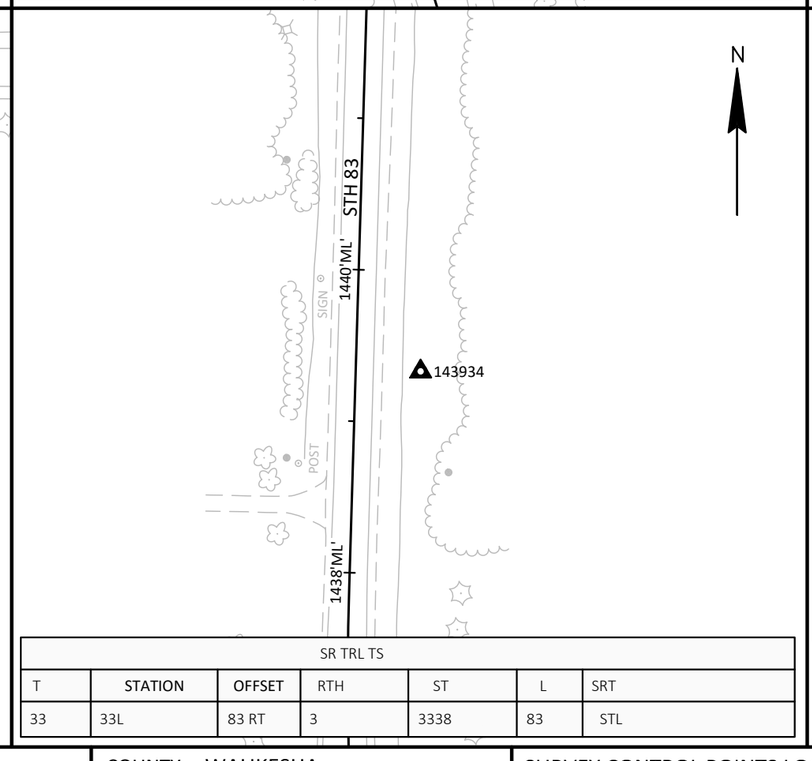
SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
8	L	RT	149565.6070	644062.4660	8	STR STH CAP
3	L	8 RT	8	3	972.92	L S



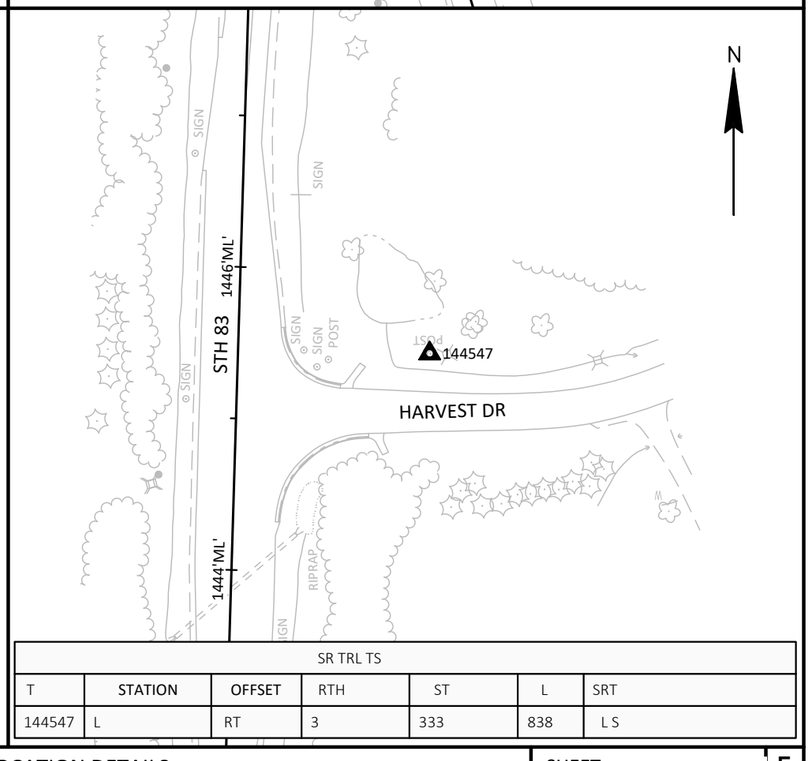
SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
33	8L	3 RT	388	38888	976.29	STR STH CAP



SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
3	3L	8 LT	150756.1960	3883	83	STL

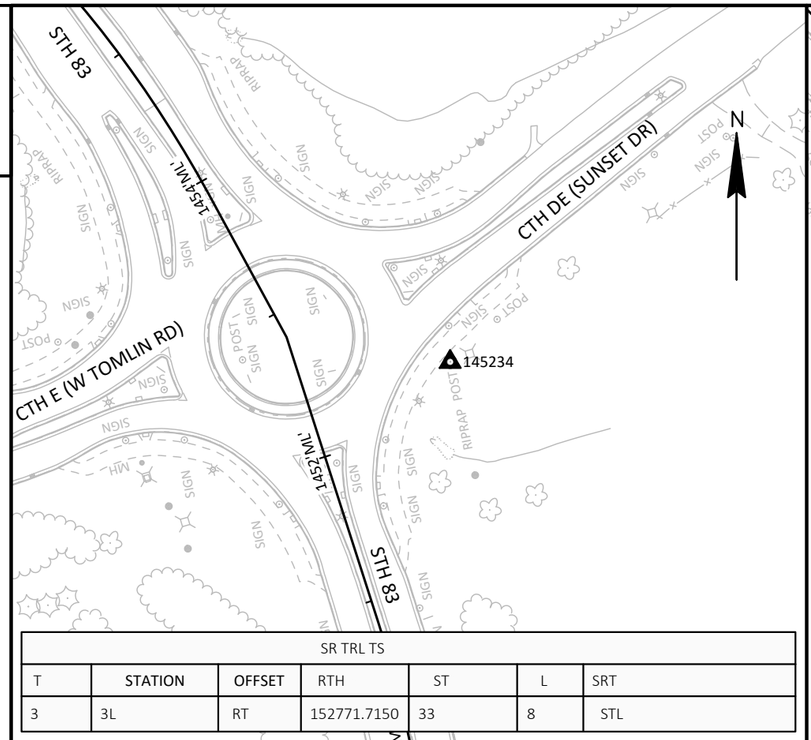


SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
33	33L	83 RT	3	3338	83	STL

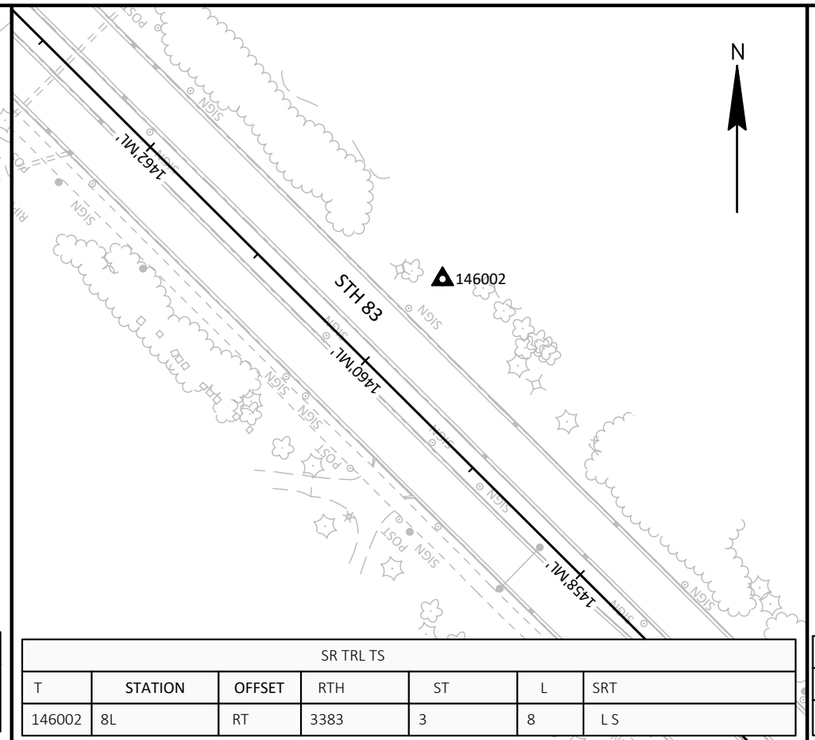


SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
144547	L	RT	3	333	838	L S

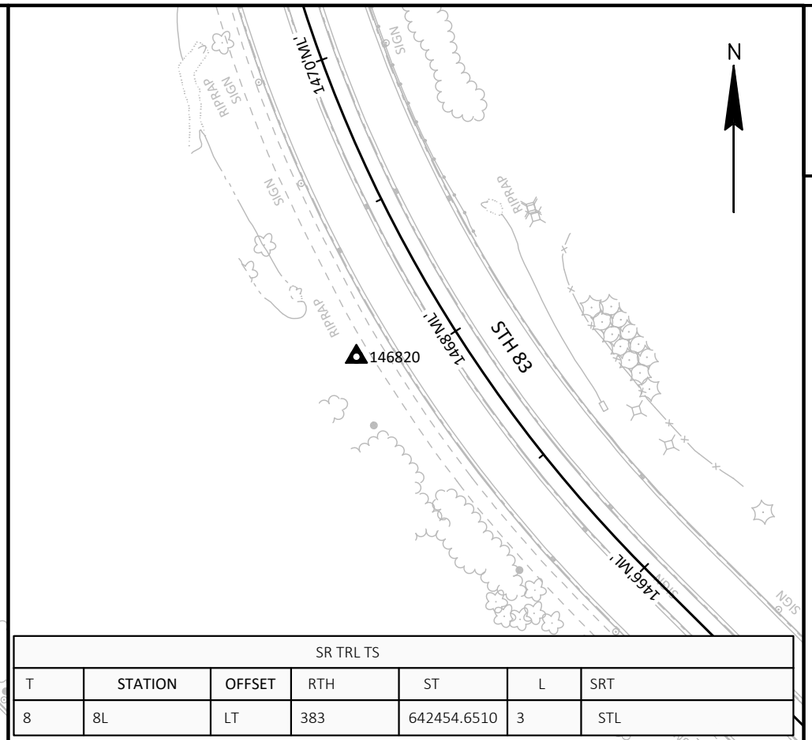
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	SURVEY CONTROL POINTS LOCATION DETAILS	SHEET 239 E



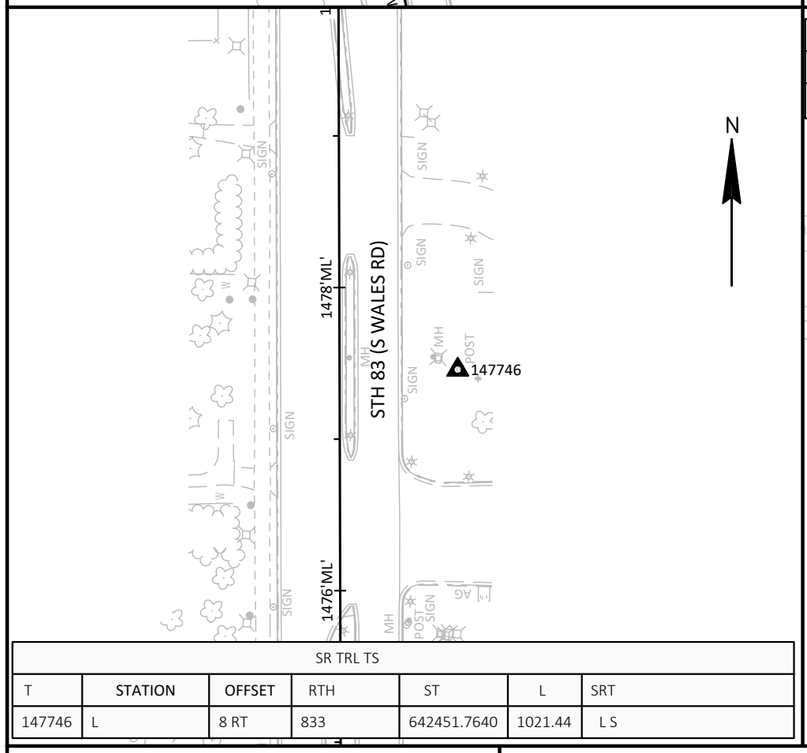
SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
3	3L	RT	152771.7150	33	8	STL



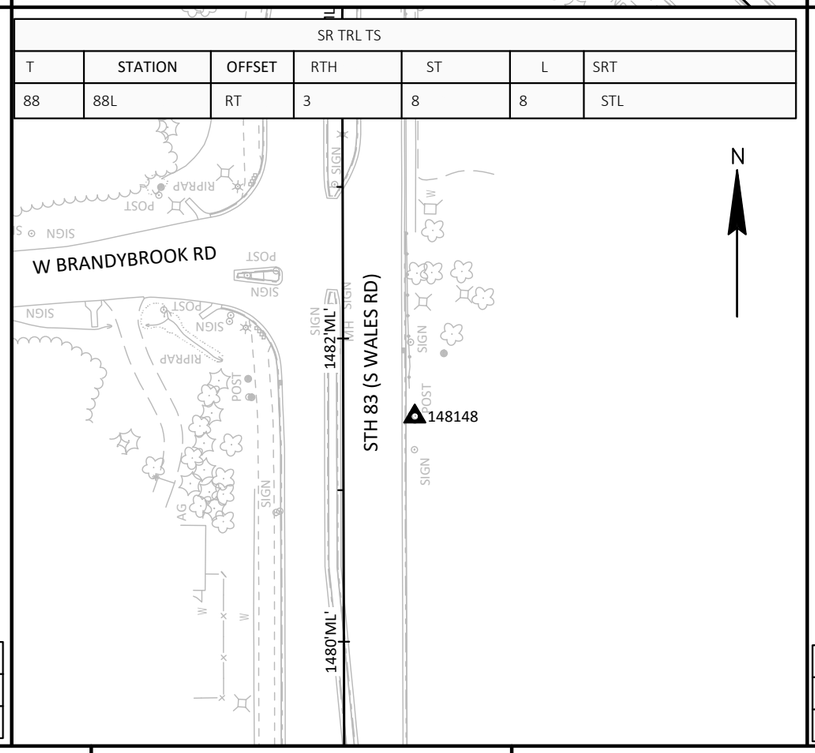
SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
146002	8L	RT	3383	3	8	L S



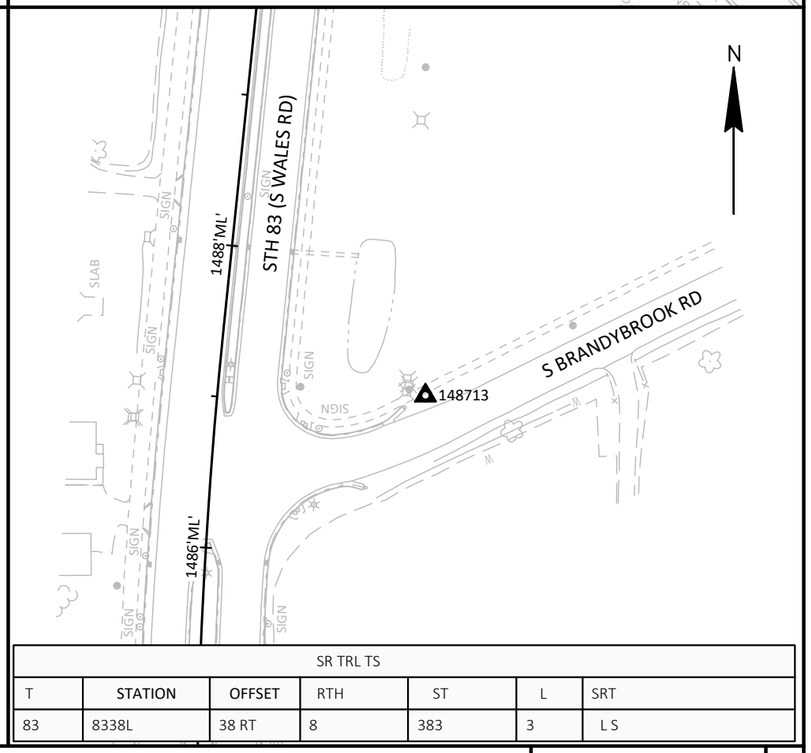
SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
8	8L	LT	383	642454.6510	3	STL



SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
147746	L	8 RT	833	642451.7640	1021.44	L S

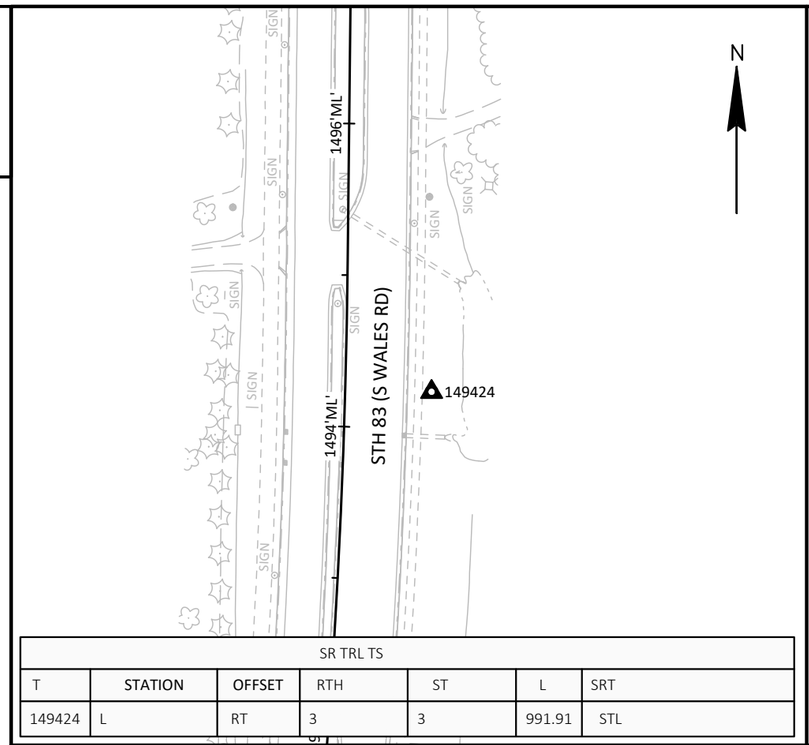


SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
88	88L	RT	3	8	8	STL

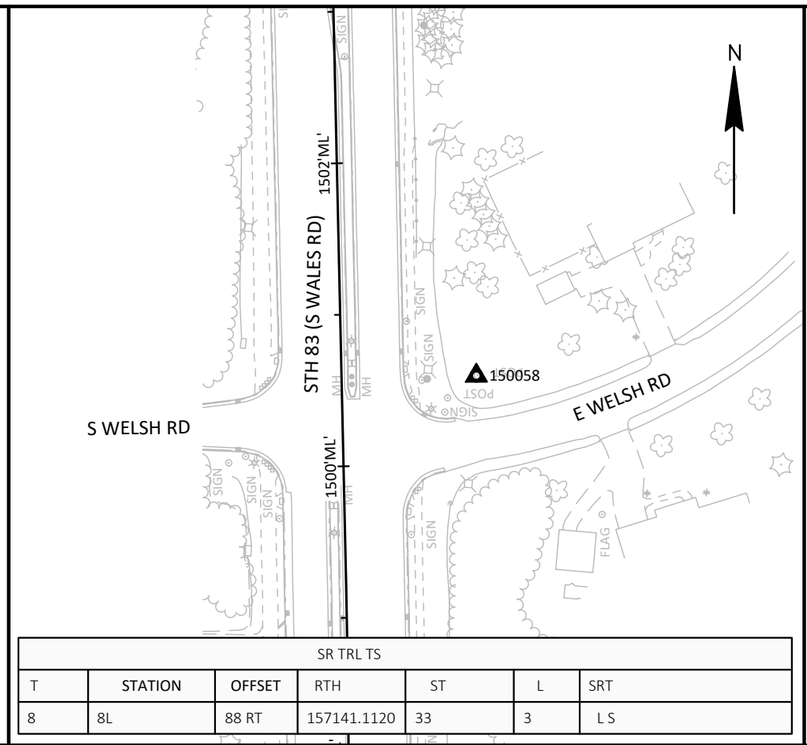


SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
83	8338L	38 RT	8	383	3	L S

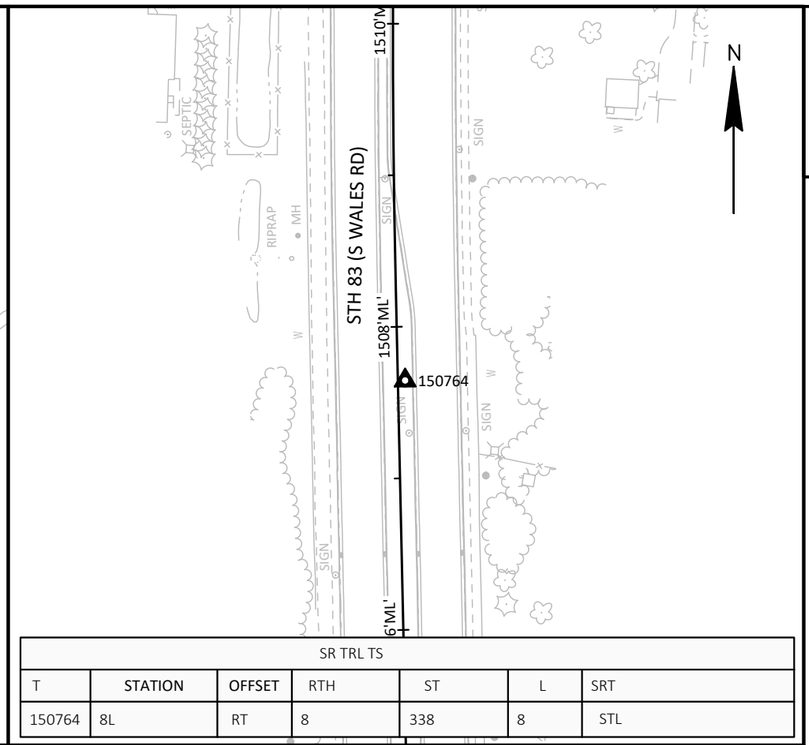
PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	SURVEY CONTROL POINTS LOCATION DETAILS	SHEET 240 E



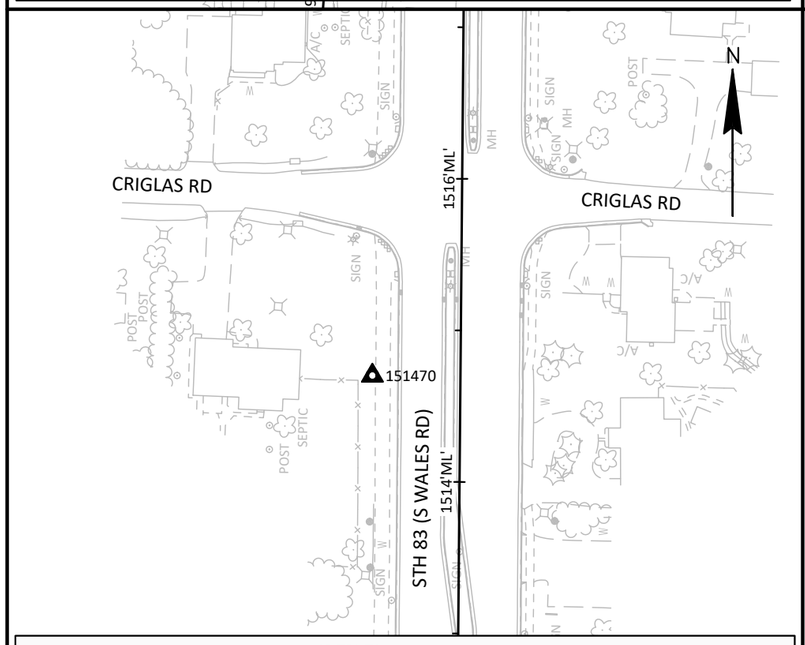
SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
149424	L	RT	3	3	991.91	STL

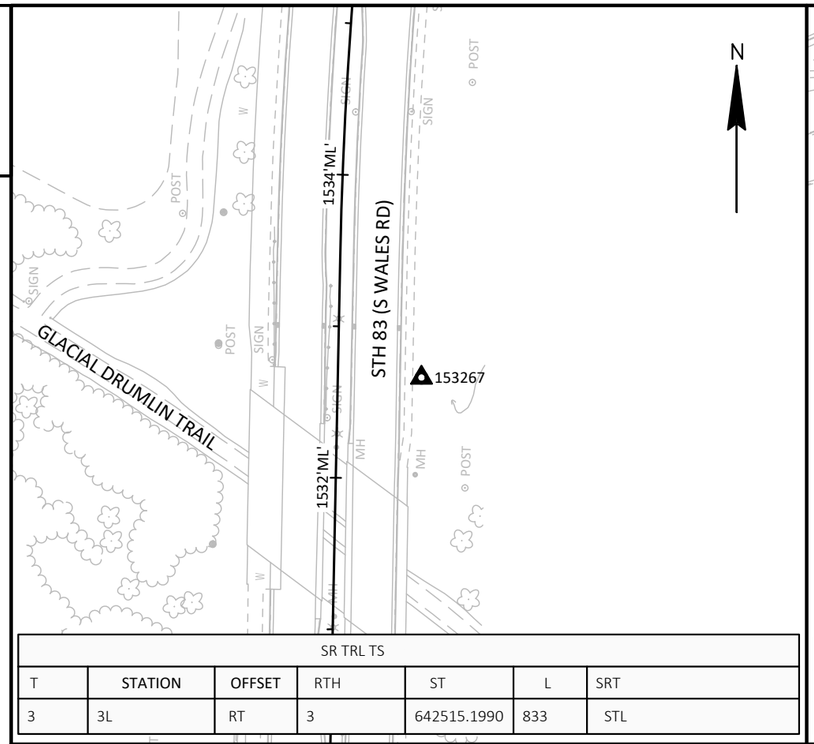


SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
8	8L	88 RT	157141.1120	33	3	L S

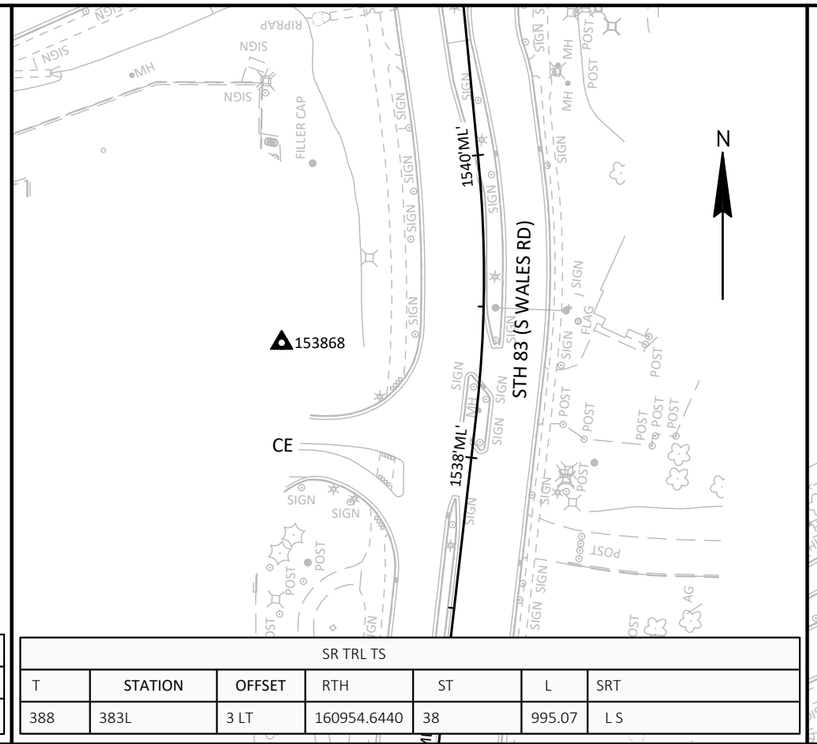


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150764	8L	RT	8	338	8	STL

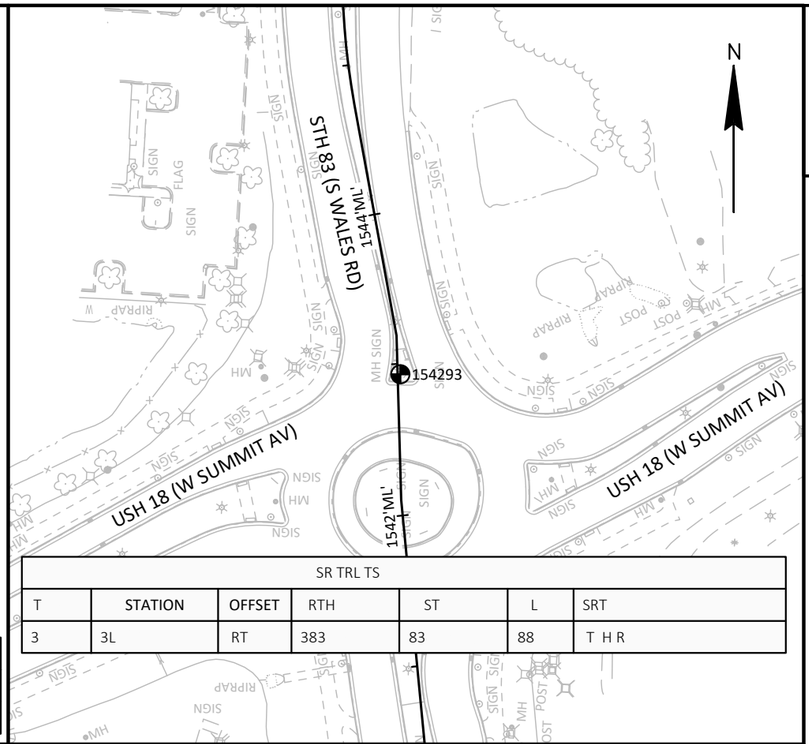

N
CRIGLAS RD
CRIGLAS RD
1516'ML'
1514'ML'
STH 83 (S WALES RD)
151470
SIGN
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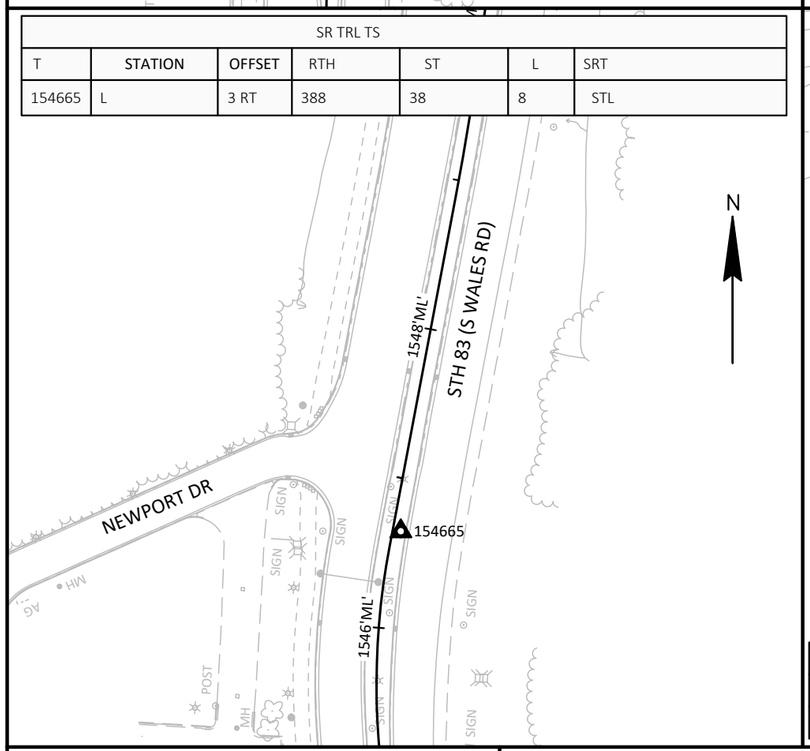
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T	STATION	OFFSET	RTH	ST	L	SRT
3	3L	RT	3	642515.1990	833	STL



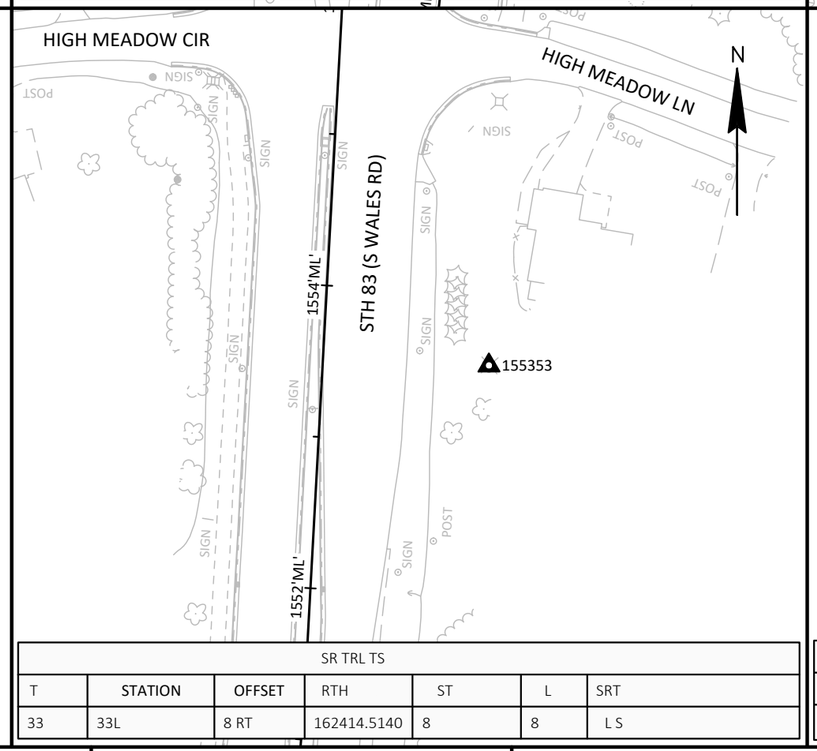
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T	STATION	OFFSET	RTH	ST	L	SRT
388	383L	3 LT	160954.6440	38	995.07	L S



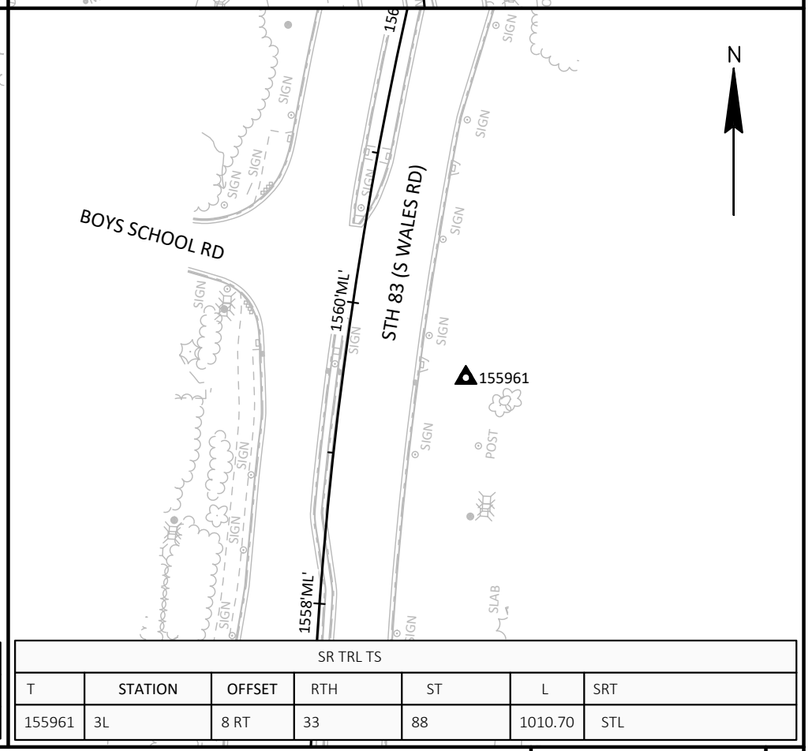
SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
3	3L	RT	383	83	88	T H R



SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
154665	L	3 RT	388	38	8	STL



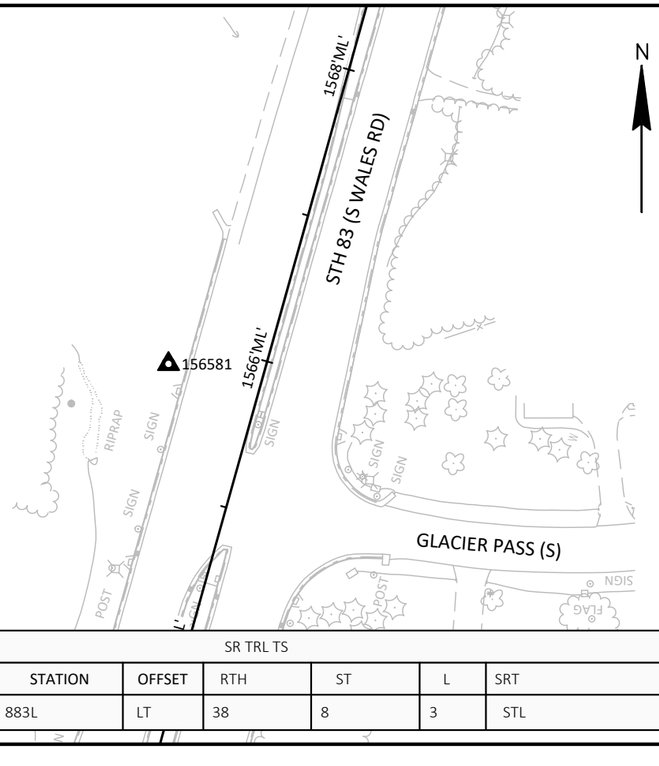
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T	STATION	OFFSET	RTH	ST	L	SRT
33	33L	8 RT	162414.5140	8	8	L S



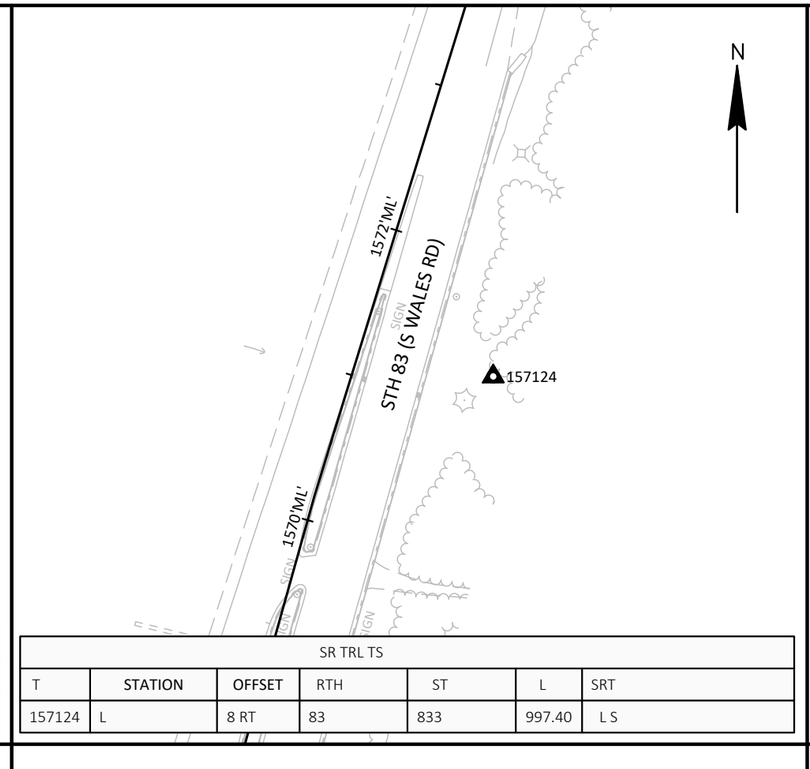
SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
155961	3L	8 RT	33	88	1010.70	STL

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	SURVEY CONTROL POINTS LOCATION DETAILS	SHEET 242 E

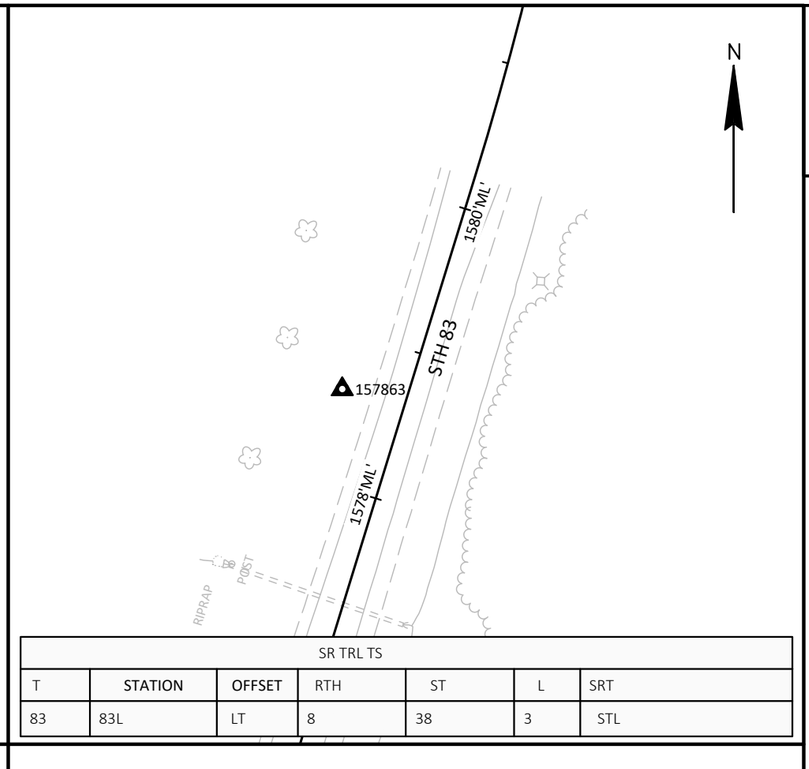
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WISDOT/CADDS SHEET 42



SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
8	883L	LT	38	8	3	STL



SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
157124	L	8 RT	83	833	997.40	L S



SR TRL TS						
T	STATION	OFFSET	RTH	ST	L	SRT
83	83L	LT	8	38	3	STL

2

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	SURVEY CONTROL POINTS LOCATION DETAILS	SHEET 243	E

Estimate Of Quantities

1330-34-70

Line	Item	Item Description	Unit	Total	Qty
0002	204.0110	Removing Asphaltic Surface	SY	1,142.000	1,142.000
0004	204.0115	Removing Asphaltic Surface Butt Joints	SY	200.000	200.000
0006	204.0125	Removing Asphaltic Surface Milling	TON	14,645.000	14,645.000
0008	204.0130	Removing Curb	LF	41.000	41.000
0010	204.0150	Removing Curb & Gutter	LF	2,973.000	2,973.000
0012	204.0155	Removing Concrete Sidewalk	SY	2,437.000	2,437.000
0014	204.0220	Removing Inlets	EACH	1.000	1.000
0016	204.0245	Removing Storm Sewer (size) 01. 12-inch	LF	27.000	27.000
0018	205.0100	Excavation Common	CY	574.000	574.000
0020	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 1330-34-70	EACH	1.000	1.000
0022	213.0100	Finishing Roadway (project) 01. 1330-34-70	EACH	1.000	1.000
0024	305.0110	Base Aggregate Dense 3/4-Inch	TON	362.000	362.000
0026	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	1,137.000	1,137.000
0028	455.0605	Tack Coat	GAL	9,320.000	9,320.000
0030	460.2000	Incentive Density HMA Pavement	DOL	9,580.000	9,580.000
0032	460.6424	HMA Pavement 4 MT 58-28 H	TON	14,958.000	14,958.000
0034	465.0105	Asphaltic Surface	TON	80.000	80.000
0036	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	246.000	246.000
0038	502.3205	Pigmented Surface Sealer Reseal	SY	129.000	129.000
0040	509.5100.S	Polymer Overlay	SY	978.000	978.000
0042	520.8000	Concrete Collars for Pipe	EACH	1.000	1.000
0044	520.8700	Cleaning Culvert Pipes	EACH	5.000	5.000
0046	601.0120	Concrete Curb Type J	LF	42.000	42.000
0048	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	93.000	93.000
0050	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	2,053.000	2,053.000
0052	601.0415	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type J	LF	311.000	311.000
0054	601.0553	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	LF	507.000	507.000
0056	601.0600	Concrete Curb Pedestrian	LF	582.000	582.000
0058	602.0410	Concrete Sidewalk 5-Inch	SF	21,154.000	21,154.000
0060	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	1,320.000	1,320.000
0062	602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF	689.000	689.000
0064	602.0815	Concrete Driveway 7-Inch	SY	2.000	2.000
0066	606.0300	Riprap Heavy	CY	70.000	70.000
0068	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	27.000	27.000
0070	611.3230	Inlets 2x3-FT	EACH	1.000	1.000
0072	611.8115	Adjusting Inlet Covers	EACH	1.000	1.000
0074	611.9710	Salvaged Inlet Covers	EACH	1.000	1.000
0076	618.0100	Maintenance and Repair of Haul Roads (project) 01. 1330-34-70	EACH	1.000	1.000
0078	619.1000	Mobilization	EACH	1.000	1.000
0080	620.0300	Concrete Median Sloped Nose	SF	34.000	34.000
0082	625.0100	Topsoil	SY	650.000	650.000
0084	625.0500	Salvaged Topsoil	SY	1,300.000	1,300.000
0086	627.0200	Mulching	SY	400.000	400.000
0088	628.1504	Silt Fence	LF	2,200.000	2,200.000
0090	628.1520	Silt Fence Maintenance	LF	2,200.000	2,200.000
0092	628.1905	Mobilizations Erosion Control	EACH	6.000	6.000
0094	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000
0096	628.2008	Erosion Mat Urban Class I Type B	SY	1,300.000	1,300.000
0098	628.7010	Inlet Protection Type B	EACH	40.000	40.000

Estimate Of Quantities

1330-34-70

Line	Item	Item Description	Unit	Total	Qty
0100	628.7015	Inlet Protection Type C	EACH	170.000	170.000
0102	628.7020	Inlet Protection Type D	EACH	20.000	20.000
0104	628.7555	Culvert Pipe Checks	EACH	60.000	60.000
0106	629.0210	Fertilizer Type B	CWT	0.900	0.900
0108	630.0130	Seeding Mixture No. 30	LB	60.000	60.000
0110	630.0200	Seeding Temporary	LB	35.000	35.000
0112	630.0500	Seed Water	MGAL	30.000	30.000
0114	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	45.000	45.000
0116	634.0816	Posts Tubular Steel 2x2-Inch X 16-FT	EACH	5.000	5.000
0118	637.2210	Signs Type II Reflective H	SF	122.760	122.760
0120	637.2230	Signs Type II Reflective F	SF	443.000	443.000
0122	638.2102	Moving Signs Type II	EACH	47.000	47.000
0124	638.2602	Removing Signs Type II	EACH	51.000	51.000
0126	638.3000	Removing Small Sign Supports	EACH	22.000	22.000
0128	642.5201	Field Office Type C	EACH	1.000	1.000
0130	643.0300	Traffic Control Drums	DAY	58,294.000	58,294.000
0132	643.0420	Traffic Control Barricades Type III	DAY	5,535.000	5,535.000
0134	643.0705	Traffic Control Warning Lights Type A	DAY	5,390.000	5,390.000
0136	643.0715	Traffic Control Warning Lights Type C	DAY	2,879.000	2,879.000
0138	643.0900	Traffic Control Signs	DAY	10,958.000	10,958.000
0140	643.0910	Traffic Control Covering Signs Type I	EACH	2.000	2.000
0142	643.0920	Traffic Control Covering Signs Type II	EACH	6.000	6.000
0144	643.1000	Traffic Control Signs Fixed Message	SF	72.000	72.000
0146	643.1050	Traffic Control Signs PCMS	DAY	98.000	98.000
0148	643.1070	Traffic Control Cones 42-Inch	DAY	85,380.000	85,380.000
0150	643.3105	Temporary Marking Line Paint 4-Inch	LF	8,896.000	8,896.000
0152	643.3205	Temporary Marking Line Paint 8-Inch	LF	1,993.000	1,993.000
0154	643.3265	Temporary Marking Line Paint 10-Inch	LF	291.000	291.000
0156	643.3305	Temporary Marking Crosswalk Paint 6-inch	LF	2,310.000	2,310.000
0158	643.3505	Temporary Marking Arrow Paint	EACH	32.000	32.000
0160	643.5000	Traffic Control	EACH	1.000	1.000
0162	644.1440	Temporary Pedestrian Surface Matting	SF	1,845.000	1,845.000
0164	644.1601	Temporary Pedestrian Curb Ramp	DAY	612.000	612.000
0166	644.1605	Temporary Pedestrian Detectable Warning Field	SF	150.000	150.000
0168	644.1810	Temporary Pedestrian Barricade	LF	1,620.000	1,620.000
0170	645.0120	Geotextile Type HR	SY	155.000	155.000
0172	646.1020	Marking Line Epoxy 4-Inch	LF	12,601.000	12,601.000
0174	646.2020	Marking Line Epoxy 6-Inch	LF	340.000	340.000
0176	646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	3,048.000	3,048.000
0178	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	63,835.000	63,835.000
0180	646.3020	Marking Line Epoxy 8-Inch	LF	401.000	401.000
0182	646.4020	Marking Line Epoxy 10-Inch	LF	696.000	696.000
0184	646.4025	Marking Line Grooved Black Epoxy 10-Inch	LF	190.000	190.000
0186	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	10,485.000	10,485.000
0188	646.5020	Marking Arrow Epoxy	EACH	68.000	68.000
0190	646.5120	Marking Word Epoxy	EACH	28.000	28.000
0192	646.6120	Marking Stop Line Epoxy 18-Inch	LF	473.000	473.000
0194	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	270.000	270.000
0196	646.7120	Marking Diagonal Epoxy 12-Inch	LF	642.000	642.000

Estimate Of Quantities

1330-34-70

Line	Item	Item Description	Unit	Total	Qty
0198	646.7320	Marking Chevron Epoxy 12-Inch	LF	260.000	260.000
0200	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	3,437.000	3,437.000
0202	646.8020	Marking Corrugated Median Epoxy	SF	444.000	444.000
0204	646.8120	Marking Curb Epoxy	LF	887.000	887.000
0206	646.8220	Marking Island Nose Epoxy	EACH	41.000	41.000
0208	646.9100	Marking Removal Line 8-Inch	LF	435.000	435.000
0210	646.9300	Marking Removal Special Marking	EACH	10.000	10.000
0212	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	3,588.000	3,588.000
0214	650.9000	Construction Staking Curb Ramps	EACH	97.000	97.000
0216	650.9500	Construction Staking Sidewalk (project) 01. 1330-34-70	EACH	1.000	1.000
0218	650.9911	Construction Staking Supplemental Control (project) 01. 1330-34-70	EACH	1.000	1.000
0220	690.0150	Sawing Asphalt	LF	3,586.000	3,586.000
0222	690.0250	Sawing Concrete	LF	1,737.000	1,737.000
0224	740.0440	Incentive IRI Ride	DOL	21,106.000	21,106.000
0226	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	800.000	800.000
0228	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,280.000	2,280.000
0230	SPV.0060	Special 01. Repair and Regrout Structure Pipe Holes	EACH	11.000	11.000
0232	SPV.0060	Special 02. Cleaning Inlets	EACH	2.000	2.000
0234	SPV.0060	Special 03. Reset and Retie End Section	EACH	1.000	1.000
0236	SPV.0060	Special 04. Cleaning Storm Sewer Outfall	EACH	2.000	2.000
0238	SPV.0060	Special 05. Vegetation Removal Outfall	EACH	3.000	3.000
0240	SPV.0195	Special 01. Asphaltic Repair	TON	292.000	292.000

REMOVAL ITEMS

CATEGORY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0130 REMOVING CURB LF	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	*205.0100 EXCAVATION COMMON CY	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
0010	1416+00'ML'	STH 83	-	7	-	-	-	-	-	-	BEGIN PROJECT
0010	49+10'PR'	PERKINS RD	-	5	-	-	-	-	-	-	BEGIN CONSTRUCTION
0010	1426+50'ML'	LT	-	-	-	-	53	-	-	14	CONC DRIVEWAY REMOVAL
0010	1428+43'ML'	LT	13	-	-	38	82	16	-	26	CONC DRIVEWAY REMOVAL
0010	51+56'LD'	LONDON DR	-	5	-	-	-	-	-	-	END CONSTRUCTION
0010	51+58'HV'	HARVEST DR	-	5	-	-	-	-	-	-	END CONSTRUCTION
0010	1451+68'ML'	LT	23	-	-	26	6	5	46	5	CURB RAMP #001
0010	1451+73'ML'	ISLAND		-	-	24	18	3	24	36	CURB RAMP #002
0010	1451+68'ML'	RT	22	-	-	20	7	5	20	5	CURB RAMP #003
0010	1453+87'ML'	ISLAND	6	-	-	24	26	5	32	49	CURB RAMP #008
0010	1453+91'ML'	TURN LN ISLAND	3	-	-	24	12	2	28	28	CURB RAMP #009
0010	1454+01'ML'	LT	22	-	-	24	5	4	44	5	CURB RAMP #010
0010	1453+92'ML'	RT	22	-	-	28	7	5	20	5	CURB RAMP #007
0010	58+14'CH'	CTH E	-	10	-	-	-	-	-	-	BEGIN CONSTRUCTION
0010	58+84'CH'	LT	25	-	-	23	4	5	43	5	CURB RAMP #011
0010	58+88'CH'	RT	22	-	-	27	4	4	47	5	CURB RAMP #013
0010	58+95'CH'	ISLAND	-	-	-	24	21	3	24	41	CURB RAMP #012
0010	61+07'CH'	ISLAND	3	-	-	24	17	3	26	35	CURB RAMP #005
0010	61+12'CH'	LT	22	-	-	23	6	5	20	5	CURB RAMP #006
0010	61+14'CH'	RT	22	-	-	30	7	5	30	5	CURB RAMP #004
0010	63+16'CH'	CTH DE	-	10	-	-	-	-	-	-	END CONSTRUCTION
0010	48+10'PC'	PORT HAMEL CT	-	6	-	-	-	-	-	-	BEGIN CONSTRUCTION
0010	49+41'PC'	LT	12	-	-	24	19	5	41	5	CURB RAMP #015
0010	49+42'PC'	RT	21	-	-	28	18	6	42	5	CURB RAMP #014
0010	46+49'BR'	W BRANDYBROOK RD	-	5	-	-	-	-	-	-	BEGIN CONSTRUCTION
0010	49+21'BR'	RT	12	-	-	26	26	6	40	5	CURB RAMP #016
0010	49+23'BR'	ISLAND	-	-	-	28	8	1	28	19	CURB RAMP #017
0010	49+25'BR'	LT	18	-	-	43	26	7	58	5	CURB RAMP #018
0010	51+63'BB'	S BRANDYBROOK RD	-	5	-	-	-	-	-	-	END CONSTRUCTION

(QUANTITIES CONTINUED ON NEXT SHEET)

REMOVAL ITEMS (CONTINUED)

CATEGORY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0130 REMOVING CURB LF	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	*205.0100 EXCAVATION COMMON CY	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
0010	50+44'BB'	RT	-	-	-	14	7	1	14	5	CURB RAMP REMOVAL
0010	50+65'BB'	LT	-	-	-	13	6	1	13	16	CURB RAMP REMOVAL
0010	1487+12'ML'	ISLAND	-	-	-	18	6	1	18	18	CURB RAMP #020
0010	1487+12'ML'	LT	17	-	15	-	4	3	20	16	CURB RAMP #019
0010	1487+12'ML'	RT	-	-	-	49	13	2	-	15	CURB RAMP #021
0010	1495+48'ML'	LT	-	-	-	9	-	-	-	5	MEDIAN CURB CUT
0010	1499+64'ML'	ISLAND	-	-	-	36	11	2	36	10	CURB RAMP #022
0010	1499+78'ML'	LT, SW QUAD	22	-	26	24	42	11	42	32	CURB RAMPS #023/024
0010	1499+69'ML'	RT, SE QUAD	-	-	-	42	22	4	42	10	CURB RAMPS #028/029
0010	49+43'WR'	S WELSH RD	-	6	-	-	-	-	-	-	BEGIN CONSTRUCTION
0010	51+27'RW'	E WELSH RD	-	6	-	-	-	-	-	-	END CONSTRUCTION
0010	1500+66'ML'	ISLAND	-	-	-	20	6	1	-	20	CURB RAMP REMOVAL
0010	1500+68'ML'	LT, NW QUAD	9	-	-	34	32	7	44	5	CURB RAMP #025
0010	1500+58'ML'	RT, NE QUAD	-	-	-	46	23	4	46	10	CURB RAMP #030
0010	1504+80'ML'	LT	-	-	-	9	-	-	-	5	MEDIAN CURB CUT
0010	1510+29'ML'	ISLAND	-	-	-	18	6	1		20	CURB RAMP REMOVAL
0010	1510+32'ML'	LT, SW QUAD	8	-	-	40	33	7	50	5	CURB RAMP #032
0010	1510+38'ML'	RT, SE QUAD	-	-	-	54	25	4	54	10	CURB RAMP #038
0010	49+41'BT'	BENTON CT	-	7	-	-	-	-	-	-	BEGIN CONSTRUCTION
0010	50+67'ST'	W SOUTH ST	-	6	-	-	-	-	-	-	END CONSTRUCTION
0010	1511+22'ML'	ISLAND	-	-	-	22	7	1	22	20	CURB RAMP #041
0010	1511+17'ML'	LT, NW QUAD	8	-	-	47	35	7	57	5	CURB RAMPS #035/036
0010	1511+12'ML'	RT, NE QUAD	12	-	-	47	25	6	55	10	CURB RAMPS #039/040
0010	1512+75'ML'	LT		-	-	9	-	-	-	5	MEDIAN CURB CUT
0010	1515+36'ML'	ISLAND	4	-	-	18	5	2	26	20	CURB RAMP #044
0010	1515+42'ML'	LT, SW QUAD	16	-	-	43	36	9	61	5	CURB RAMPS #042/043
0010	1515+44'ML'	RT, SE QUAD	-	-	-	40	21	3	40	10	CURB RAMPS #047/048
0010	50+84'CR'	CRIGLAS RD	-	5	-	-	-	-	-	-	BEGIN CONSTRUCTION

(QUANTITIES CONTINUED ON NEXT SHEET)

REMOVAL ITEMS (CONTINUED)

CATEGORY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0130 REMOVING CURB LF	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	*205.0100 EXCAVATION COMMON CY	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
0010	53+53'CR'	CRIGLAS RD	-	5	-	-	-	-	-	-	END CONSTRUCTION
0010	1516+35'ML'	ISLAND	-	-	-	20	6	1	-	20	CURB RAMP REMOVAL
0010	1516+30'ML'	LT, NW QUAD	12	-	-	36	31	7	46	5	CURB RAMP #045
0010	1516+25'ML'	RT, NE QUAD		-	-	37	25	4	37	10	CURB RAMP #049
0010	1519+20'ML'	ISLAND	-	-	-	18	5	1	18	20	CURB RAMP #052
0010	1519+19'ML'	LT	17	-	-	18	5	3	18	5	CURB RAMP #053
0010	1519+55'ML'	LT, SW QUAD	8	-	-	18	16	4	28	5	CURB RAMP #054
0010	1519+23'ML'	RT, SE QUAD	22	-	-	45	23	7	57	10	CURB RAMPS #057/058
0010	53+53'CR'	CRIGLAS RD	-	8	-	-	-	-	-	-	END CONSTRUCTION
0010	1519+85'ML'	LT	-	8	-	-	-	-	-	-	BUSINESS ACCESS
0010	1520+46'ML'	ISLAND	-	-	-	20	6	1	20	20	CURB RAMP REMOVAL
0010	1520+07'ML'	LT, NW QUAD	-	-	-	20	17	3	32	5	CURB RAMP #055
0010	1520+46'ML'	LT	-	-	-	10	4	1	-	5	CURB RAMP REMOVAL
0010	1520+39'ML'	RT, NE QUAD	6	-	-	42	23	5	31	10	CURB RAMP #059
0010	1524+40'ML'	RT	-	-	-	9	-	-	-	5	MEDIAN CURB CUT
0010	1524+42'ML'	RT	-	-	-	12	4	1	12	28	DRIVEWAY WIDTH REDUCTION
0010	1526+61'ML'	RT	-	-	-	10	3	0	10	15	DRIVEWAY WIDTH REDUCTION
0010	1527+34'ML'	ISLAND	-	-	-	20	6	1	20	20	CURB RAMP REMOVAL
0010	1527+37'ML'	LT, SW QUAD	15	-	-	48	33	8	62	5	CURB RAMP #062
0010	1527+34'ML'	RT	-	-	-	10	3	1	10	10	CURB RAMP REMOVAL
0010	49+25'CC'	CYMRIC CT	-	7	-	-	-	-	-	-	BEGIN CONSTRUCTION
0010	1527+89'ML'	RT	-	-	-	8	3	1	8	16	DRIVEWAY WIDTH REDUCTION
0010	1528+41'ML'	ISLAND	-	-	-	18	6	1	18	22	CURB RAMP #068
0010	1528+29'ML'	LT, NW QUAD	6	-	-	40	68	12	50	10	CURB RAMPS #066/067
0010	1528+41'ML'	RT, NE QUAD	-	-	-	19	13	2	19	15	CURB RAMP #069
0010	1528+99'ML'	RT	-	-	-	20	5	1	20	28	DRIVEWAY WIDTH REDUCTION
0010	1530+70'ML'	RT	-	6	-	-	-	-	-	-	BEGIN APPROACH SLAB
0010	1531+07'ML'	LT	-	6	-	-	-	-	-	-	BEGIN APPROACH SLAB
0010	1532+23'ML'	RT	-	6	-	-	-	-	-	-	END APPROACH SLAB

(QUANTITIES CONTINUED ON NEXT SHEET)

REMOVAL ITEMS (CONTINUED)

CATEGORY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0130 REMOVING CURB LF	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	*205.0100 EXCAVATION COMMON CY	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
0010	1532+56'ML'	LT	-	6	-	-	-	-	-	-	END APPROACH SLAB
0010	1537+50'ML'	LT	26	-	-	30	26	9	59	5	CURB RAMP #070
0010	1537+86'ML'	LT, ISLAND	-	-	-	-	25	4	25	39	CURB RAMP #071
0010	1538+00'ML'	LT	-	8	-	-	-	-	-	-	COMMERCIAL ACCESS
0010	1538+44'ML'	LT	6	-	-	29	20	4	39	5	CURB RAMP #072
0010	1541+12'ML'	LT	28	-	-	19	16	7	20	20	CURB RAMP #083
0010	1541+16'ML'	ISLAND	-	-	-	27	33	5	27	46	CURB RAMP #084
0010	1541+10'ML'	RT	21	-	-	20	18	6	38	20	CURB RAMP #073
0010	1543+14'ML'	LT	20	-	-	28	12	5	48	5	CURB RAMP #079
0010	1543+05'ML'	ISLAND	-	-	-	28	16	3	28	30	CURB RAMP #078
0010	1543+17'ML'	RT	25	-	-	25	12	6	45	15	CURB RAMP #077
0010	1542+50'ML'	LT	23	-	-	21	6	5	41	5	CURB RAMP #080
0010	1542+12'ML'	ISLAND	-	-	-	29	34	6	29	64	CURB RAMP #081
0010	1541+73'ML'	LT	33	-	-	20	13	8	40	5	CURB RAMP #082
0010	1542+67'ML'	RT	30	-	-	21	12	7	41	5	CURB RAMP #076
0010	1542+20'ML'	ISLAND	-	-	-	21	31	5	21	49	CURB RAMP #075
0010	1541+80'ML'	RT	22	-	-	20	13	6	40	5	CURB RAMP #074
0010	70+09'SA'	USH 18	-	21	-	-	-	-	-	-	BEGIN CONSTRUCTION
0010	73+15'SA'	LT	32	-	-	21	4	6	37	5	CURB RAMP #106
0010	73+24'SA'	ISLAND	-	-	-	28	17	3	28	31	CURB RAMP #107
0010	73+16'SA'	RT	19	-	-	25	4	4	41	5	CURB RAMP #108
0010	74+94'SA'	LT	20	-	-	20	4	4	36	5	CURB RAMP #102
0010	74+85'SA'	TURN LN ISLAND	-	-	-	28	11	2	28	22	CURB RAMP #101
0010	74+76'SA'	ISLAND	-	-	-	28	25	4	28	41	CURB RAMP #100
0010	74+80'SA'	RT	43	-	-	23	4	8	34	5	CURB RAMP #112
0010	73+72'SA'	RT	26	-	-	36	4	5	49	5	CURB RAMP #109
0010	74+02'SA'	RT	-	-	-	28	14	2	28	24	CURB RAMP #110
0010	74+40'SA'	RT	32	-	-	34	6	6	34	5	CURB RAMP #111

(QUANTITIES CONTINUED ON NEXT SHEET)

REMOVAL ITEMS (CONTINUED)

CATEGORY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0130 REMOVING CURB LF	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	*205.0100 EXCAVATION COMMON CY	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
0010	73+71'SA'	LT	26	-	-	34	6	5	42	5	CURB RAMP #105
0010	73+99'SA'	LT	-	-	-	28	25	4	28	36	CURB RAMP #104
0010	74+36'SA'	LT	28	-	-	20	5	5	36	5	CURB RAMP #103
0010	83+00'SA'	ISLAND	147	-	-	42	13	26	162	11	ISLAND EXTENTION
0010	85+35'SA'	RT	-	8	-	-	-	-	-	-	LINCOLNSHIRE PL
0010	85+85'SA'	LT	-	-	-	26	9	1	26	34	DRIVEWAY WIDTH REDUCTION
0010	87+06'SA'	USH 18	-	11	-	-	-	-	-	-	END CONSTRUCTION
0010	1546+82'ML'	LT	15	-	-	27	18	5	37	5	CURB RAMP #085
0010	1547+26'ML'	LT	9	-	-	31	33	7	51	5	CURB RAMP #086
0010	1555+06'ML'	LT	19	-	-	16	21	7	28	3	CURB RAMP #088
0010	1555+25'ML'	LT	10	-	-	56	32	7	46	3	CURB RAMP #087
0010	1554+94'ML'	ISLAND	-	-	-	18	5	1	18	18	CURB RAMP #089
0010	1554+94'ML'	RT	-	-	-	12	5	3	12	5	CURB RAMP #090
0010	1556+01'ML'	LT	-	-	-	46	43	7	46	22	CURB RAMP #091
0010	1556+27'ML'	ISLAND	-	-	-	24	6	1	24	22	CURB RAMP REMOVAL
0010	1556+27'ML'	RT	-	-	-	10	4	1	10	6	CURB RAMP REMOVAL
0010	1559+86'ML'	LT	-	-	-	45	41	7	10	6	CURB RAMP #092
0010	1559+67'ML'	ISLAND	-	-	-	20	5	1	20	20	CURB RAMP REMOVAL
0010	1559+65'ML'	RT	-	-	-	10	5	1	10	6	CURB RAMP REMOVAL
0010	1560+66'ML'	LT	-	-	-	50	44	7	50	3	CURB RAMP #093
0010	1561+00'ML'	LT	-	-	-	15	17	3	15	3	CURB RAMP #094
0010	1561+00'ML'	ISLAND	6	-	-	23	18	4	31	48	CURB RAMP #095
0010	1561+00'ML'	RT	8	-	-	32	5	42	36	6	CURB RAMP #096
0010	1564+36'ML'	LT	6	-	-	23	4	4	27	6	CURB RAMP #097
0010	1564+36'ML'	ISLAND	-	-	-	31	22	4	31	81	CURB RAMP #098
0010	1564+41'ML'	RT	12	-	-	22	4	4	33	6	CURB RAMP #099
0010	1565+65'ML'	LT	-	-	-	10	5	1	10	6	CURB RAMP REMOVAL

(QUANTITIES CONTINUED ON NEXT SHEET)

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REMOVAL ITEMS (CONTINUED)

CATEGORY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0130 REMOVING CURB LF	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	*205.0100 EXCAVATION COMMON CY	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
0010	1565+65'ML'	ISLAND	-	-	-	20	3	1	20	14	CURB RAMP REMOVAL
0010	1564+64'ML'	RT	-	-	-	11	5	1	11	6	CURB RAMP REMOVAL
0010	1571+00'ML'	RT	-	-	-	4	-	14	63	6	SS REPLACEMENT
0010	1584+50'ML'	STH 83	-	10	-	-	-	-	-	-	END PROJECT
		TOTAL 0010	1142	200	41	2973	2437	534	3586	1737	

*COMMON EXCAVATION DETERMINED BY REMOVALS AND SURFACE TO SURFACE COMPARISION, ADDITIONAL QUANTITIES SHOWN ELSEWHERE

AGGREGATE SHOULDER ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	REMARKS
0010	1416+32'ML'		1419+00'ML'	LT	5	SHOULDER
0010	1416+81'ML'		1433+82'ML'	RT	70	SHOULDER
0010	1420+44'ML'		1426+10'ML'	LT	23	SHOULDER
0010	1428+67'ML'		1434+52'ML'	LT	27	SHOULDER
0010	1434+52'ML'		1447+91'ML'	LT	60	SHOULDER
0010	1434+95'ML'		1444+33'ML'	RT	53	SHOULDER
0010	1445+61'ML'		1449+51'ML'	RT	23	SHOULDER
0010	1544+62'ML'		1554+84'ML'	RT	30	SHOULDER
0010	1566+79'ML'		1584+50'ML'	LT	46	SHOULDER
0010	1573+26'ML'		1582+04'ML'	RT	23	SHOULDER
0010	1583+63'ML'		1584+50'ML'	RT	2	SHOULDER
				TOTAL 0010	362	

ASPHALTIC REPAIR

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0195.01 SPECIAL (01. ASPHALTIC REPAIR) TON	REMARKS
0010	1456+00'ML'		1584+50'ML'	PROJECT WIDE	292	2% OF REMOVING ASPHALTIC SURFACE MILLING QUANTITY
				TOTAL 0010	292	

PAVEMENT ITEMS

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	204.0125 REMOVING ASPHALTIC SURFACE MILLING TON	211.0101.01 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) (01. 1330-34-70) EACH	213.0100.01 FINISHING ROADWAY (PROJECT) (01. 1330-34-70) EACH	455.0605 TACK COAT GAL	460.6424 HMA PAVEMENT 4 MT 58-28 H TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	REMARKS
0010	1	1456+00'ML'		1541+30'ML'	STH 83	3163			2013	3230		
0010	1	75+00'SA'		87+06'SA'	USH 18	292			186	298		
0010	1	1542+90'ML'		1584+50'ML'	STH 83	1324			843	1349		
				SUBTOTAL 0010		4780			3042	4877	0	
0010				ROUNDABOUT	CTH E/CTH DE	355			226	362		
0010				ROUNDABOUT	BLACKWOOD DR	239			152	243		
0010				ROUNDABOUT	USH 18	150			95	153		
				SUBTOTAL 0010		744			474	758	0	
0010	2	1416+00'ML'		1452+00'ML'	STH 83	1965			1251	2011	246	
0010	2	58+14'CH'		63+16'CH'	CTH E/CTH DE	149			95	151		
0010	2	1456+00'ML'		1541+30'ML'	STH 83	3707			2359	3790		
0010	2	70+09'SA'		87+06'SA'	USH 18	690			439	702		
0010	2	1542+90'ML'		1584+50'ML'	STH 83	2611			1662	2669		
				SUBTOTAL 0010		9121			5805	9323	246	
				PROJECT LIMITS			1	1				
					TOTAL 0010	14645	1	1	9320	14958	246	

NOTE: TACK COAT REQUIRED PRIOR TO PAVING OVER MILLED SURFACE. CALCULATIONS BASED ON APPLICATION RATE OF 0.07 GAL/SY. HMA PAVEMENT WEIGHT CALCULATIONS BASED ON UNIT WEIGHT OF 112 LB/SY/INCH.

DRIVEWAY AND CURB & GUTTER REPLACEMENT ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	*305.0120 BASE AGGREGATE DENSE 1 1/4-INCH (6 INCH DEPTH) TON	*601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	*601.0415 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J LF	*601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	*602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0815 CONCRETE DRIVEWAY 7-INCH SY	620.0300 CONCRETE MEDIAN SLOPED NOSE SF	*650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	REMARKS
0010	1426+50'ML'		-	LT	18								DRIVEWAY REMOVAL
0010	1428+26'ML'		1451+68'ML'	LT	5			37				37	DRIVEWAY REMOVAL
0010	50+37'BB'		50+49'BB'	RT	2		14					14	CURB RAMP REMOVAL
0010	50+69'BB'		50+75'BB'	LT	2		13					13	CURB RAMP REMOVAL
0010	1495+44'ML'		1495+53'ML'	MEDIAN	1		9					9	MEDIAN CURB CUT
0010	1500+63'ML'		1073+00'ML'	MEDIAN	4	20			50			20	CURB RAMP REMOVAL
0010	1504+76'ML'		1504+85'ML'	MEDIAN	1	9						9	MEDIAN CURB CUT
0010	1510+27'ML'		1510+36'ML'	MEDIAN	4	18			45			18	CURB RAMP REMOVAL
0010	1512+71'ML'		1512+80'ML'	MEDIAN	1	9						9	MEDIAN CURB CUT
0010	1520+41'ML'		1520+51'ML'	LT	1	10						10	CURB RAMP REMOVAL
0010	1520+40'ML'		1520+50'ML'	MEDIAN	4	20			49			20	CURB RAMP REMOVAL
0010	1516+27'ML'		1516+38'ML'	MEDIAN	4	22			49			22	CURB RAMP REMOVAL
0010	1524+20'ML'		1524+66'ML'	RT	2	12				0.7		12	DRIVEWAY WIDTH REDUCTION
0010	1526+79'ML'		1526+89'ML'	RT	2	10				0.3		10	DRIVEWAY WIDTH REDUCTION
0010	1527+64'ML'		1527+72'ML'	RT	1	8				0.3		8	DRIVEWAY WIDTH REDUCTION
0010	1527+29'ML'		1527+39'ML'	MEDIAN	4	20			48			20	CURB RAMP REMOVAL
0010	1527+29'ML'		1527+39'ML'	RT	2	20						20	CURB RAMP REMOVAL
0010	1529+17'ML'		1529+37'ML'	RT	2	10				0.3		10	DRIVEWAY WIDTH REDUCTION
0010	1556+21'ML'		1556+33'ML'	MEDIAN	4	24			47			24	CURB RAMP REMOVAL
0010	1556+22'ML'		1556+31'ML'	RT	1	10						10	CURB RAMP REMOVAL
0010	1559+62'ML'		1559+72'ML'	MEDIAN	4			20	43			20	CURB RAMP REMOVAL
0010	1559+60'ML'		1559+70'ML'	RT	2			10				10	CURB RAMP REMOVAL
0010	1565+60'ML'		1565+70'ML'	LT	2			10				10	CURB RAMP REMOVAL
0010	1565+60'ML'		1565+70'ML'	MEDIAN	4			20	40			20	CURB RAMP REMOVAL
0010	1565+59'ML'		1565+70'ML'	RT	2			11				11	CURB RAMP REMOVAL
0010	1570+95'ML'		1571+05'ML'	RT	1			4				4	SS REPLACEMENT
0010	82+56'SA'		83+25'SA'	ISLAND	25	105			324		34	105	MEDIAN EXTENSION
0010	85+41'SA'		85+68'SA'	LT	3	27				0.3		27	DRIVEWAY WIDTH REDUCTION
				TOTAL 0010	108	354	36	112	695	2.0	34	502	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

CURB RAMP REPLACEMENT ITEMS

CATEGORY	STATION	LOCATION	*305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	465.0105 ASPHALTIC SURFACE TON	601.0120 CONCRETE CURB TYPE J LF	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	*601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	*601.0415 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J LF	*601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	601.0600 CONCRETE CURB PEDESTRIAN LF	*602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0515 CURP RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA SF	*650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	REMARKS
0010	1451+68'ML'	LT	11				25				239	20		25	1	CURB RAMP #001
0010	1451+73'ML'	ISLAND	9				24			26	142	40		50	1	CURB RAMP #002
0010	1451+69'ML'	RT	11				20				234	20		20	1	CURB RAMP #003
0010	1454+00'ML'	LT	12				24				263	20		24	1	CURB RAMP #010
0010	1453+92'ML'	ISLAND	7	1			24			18	99	40		42	1	CURB RAMP #009
0010	1453+87'ML'	ISLAND	12	1			24			40	211	40		64	1	CURB RAMP #008
0010	1453+92'ML'	RT	11				28				240	20		28	1	CURB RAMP #007
0010	58+84'CH'	LT	12				22				268	20		22	1	CURB RAMP #013
0010	58+95'CH'	ISLAND	10				25			31	168	40		56	1	CURB RAMP #012
0010	58+88'CH'	RT	11				27				234	20		27	1	CURB RAMP #011
0010	61+12'CH'	LT	11				23				235	20		23	1	CURB RAMP #006
0010	61+07'CH'	ISLAND	9	1			24			25	133	40		49	1	CURB RAMP #005
0010	61+14'CH'	RT	12				29				243	20		29	1	CURB RAMP #004
0010	1473+94'ML'	LT	12	4				28			256		29	28	1	CURB RAMP #014
0010	1474+62'ML'	LT	11	1				24			247		29	24	1	CURB RAMP #015
0010	1482+00'ML'	LT	12	2				26			253		31	26	1	CURB RAMP #016
0010	1482+40'ML'	LT	5					28		10	60			38	1	CURB RAMP #017
0010	1483+17'ML'	LT	17	3				44			342		40	44	1	CURB RAMP #018
0010	1487+12'ML'	LT	7		15						175	10		15	1	CURB RAMP #019
0010	1487+12'ML'	ISLAND	3			9		9		10	43			28	1	CURB RAMP #020
0010	1487+12'ML'	RT	5					15			101	10		15	1	CURB RAMP #021
0010	1499+64'ML'	LT	11		27						290	10		27	1	CURB RAMP #023
0010	1500+01'ML'	LT	10	2				25			219		29	25	1	CURB RAMP #024
0010	1499+64'ML'	ISLAND	7					36		10	89			46	1	CURB RAMP #022
0010	1499+65'ML'	RT	6					20			125	10		20	1	CURB RAMP #028
0010	1499+80'ML'	RT	4					20			70		16	20	1	CURB RAMP #029
0010	1500+56'ML'	LT	14				34				300		29	34	1	CURB RAMP #025
0010	1500+43'ML'	RT	12				46				210		16	46	1	CURB RAMP #030
0010	1510+50'ML'	LT	17				40				362		28	40	1	CURB RAMP #032
0010	1510+42'ML'	RT	11				49				171	10		49	1	CURB RAMP #038
0010	1511+03'ML'	LT	13				28				276		29	28	1	CURB RAMP #035
0010	1511+21'ML'	LT	7				18				146	10		18	1	CURB RAMP #036
0010	1511+23'ML'	ISLAND	4				22			10	51			32	1	CURB RAMP #041
0010	1511+02'ML'	RT	7	2			30			10	107	10		40	1	CURB RAMP #039
0010	1511+21'ML'	RT	6	1			17				108	10		17	1	CURB RAMP #040

(QUANTITIES CONTINUED ON NEXT SHEET)

CURB RAMP REPLACEMENT ITEMS (CONTINUED)

CATEGORY	STATION	LOCATION	*305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	465.0105 ASPHALTIC SURFACE TON	601.0120 CONCRETE CURB TYPE J LF	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	*601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	*601.0415 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J LF	*601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	601.0600 CONCRETE CURB PEDESTRIAN LF	*602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0515 CURP RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA SF	*650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	REMARKS
0010	1515+39'ML'	LT	9	1			16				195	10		16	1	CURB RAMP #043
0010	1515+49'ML'	LT	8	1			26				158		29	26	1	CURB RAMP #042
0010	1515+36'ML'	ISLAND	4	1			18			10	40			28	1	CURB RAMP #044
0010	1515+41'ML'	RT	6				18				104	10		18	1	CURB RAMP #047
0010	1515+59'ML'	RT	5				22			10	69	10		32	1	CURB RAMP #048
0010	1516+16'ML'	LT	15				36				325		29	36	1	CURB RAMP #045
0010	1516+15'ML'	RT	11				37			11	176	10		48	1	CURB RAMP #049
0010	1519+20'ML'	LT	17				18				410	10		18	1	CURB RAMP #053
0010	1519+61'ML'	LT	9				18				185	20		18	1	CURB RAMP #054
0010	1519+20'ML'	ISLAND	4				18			10	40			28	1	CURB RAMP #052
0010	1519+20'ML'	RT	5	2			17				90	10		17	1	CURB RAMP #057
0010	1519+33'ML'	RT	5	3			28				72		20	28	1	CURB RAMP #058
0010	1520+02'ML'	LT	7				21				147	20		21	1	CURB RAMP #055
0010	1520+39'ML'	RT	9	1			42				150		17	42	1	CURB RAMP #059
0010	1527+50'ML'	LT	18	11			48				356		28	48	1	CURB RAMP #062
0010	1528+04'ML'	LT	13				25				291		28	25	1	CURB RAMP #066
0010	1528+38'ML'	LT	15				15				355	10		15	1	CURB RAMP #067
0010	1528+41'ML'	ISLAND	4				18			12	48	20		30	1	CURB RAMP #068
0010	1528+41'ML'	RT	7				19				152	10		19	1	CURB RAMP #069
0010	1537+46'ML'	LT	13	2			30				273		33	30	1	CURB RAMP #070
0010	1537+87'ML'	ISLAND	14								218			0	1	CURB RAMP #071
0010	1538+37'ML'	LT	13				29				265		33	29	1	CURB RAMP #072
0010	1541+80'ML'	RT	13				20				294	20		20	1	CURB RAMP #074
0010	1541+10'ML'	RT	14				20				330	20		20	1	CURB RAMP #073
0010	1542+67'ML'	RT	15				21				365	20		21	1	CURB RAMP #076
0010	1542+20'ML'	ISLAND	14				28			39	251	40		67	1	CURB RAMP #075
0010	1543+13'ML'	RT	16				25				368	20		25	1	CURB RAMP #077
0010	1543+05'ML'	ISLAND	8				28			20	127	40		48	1	CURB RAMP #078
0010	1543+17'ML'	LT	13				28				275	20		28	1	CURB RAMP #079
0010	1542+50'ML'	LT	11				21				245	20		21	1	CURB RAMP #080
0010	1542+12'ML'	ISLAND	19				30			54	362	40		84	1	CURB RAMP #081
0010	1541+73'ML'	LT	16				20				375	20		20	1	CURB RAMP #082
0010	1541+08'ML'	LT	16				19				376	20		19	1	CURB RAMP #083
0010	1541+15'ML'	ISLAND	15				28			42	273	40		70	1	CURB RAMP #084
0010	74+80'SA'	RT	19				23				465	20		23	1	CURB RAMP #112

(QUANTITIES CONTINUED ON NEXT SHEET)

CURB RAMP REPLACEMENT ITEMS (CONTINUED)

CATEGORY	STATION	LOCATION	*305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	465.0105 ASPHALTIC SURFACE TON	601.0120 CONCRETE CURB TYPE J LF	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	*601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	*601.0415 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J LF	*601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	601.0600 CONCRETE CURB PEDESTRIAN LF	*602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0515 CURP RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA SF	*650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	REMARKS
0010	74+01'SA'	LT	11			28				30	206	40		58	1	CURB RAMP #104
0010	74+40'SA'	RT	16				34				338	20		34	1	CURB RAMP #111
0010	73+71'SA'	LT	13				34				266	20		34	1	CURB RAMP #105
0010	74+00'SA'	RT	7			28				18	117	40		46	1	CURB RAMP #110
0010	74+30'SA'	LT	11				20				255	20		20	1	CURB RAMP #103
0010	73+15'SA'	LT	14				20				335	20		20	1	CURB RAMP #106
0010	73+25'SA'	ISLAND	8			28				21	139	40		49	1	CURB RAMP #107
0010	73+16'SA'	RT	10				25				204	20		25	1	CURB RAMP #108
0010	74+99'SA'	LT	9				20				202	20		20	1	CURB RAMP #102
0010	74+86'SA'	ISLAND	6				28			13	85			41	1	CURB RAMP #101
0010	74+76'SA'	ISLAND	12				28			32	202	40		60	1	CURB RAMP #100
0010	73+72'SA'	RT	12	2			36				241	20		36	1	CURB RAMP #109
0010	1546+82'ML'	LT	12				21				274		23	21	1	CURB RAMP #085
0010	1547+26'ML'	LT	16	2					31		326		31	31	1	CURB RAMP #086
0010	1555+32'ML'	LT	16						39		325		32	39	1	CURB RAMP #087
0010	1554+97'ML'	LT	16						17		368	10		17	1	CURB RAMP #088
0010	1554+94'ML'	ISLAND	4						18	8	34			26	1	CURB RAMP #089
0010	1554+95'ML'	RT	3						12		58	10		12	1	CURB RAMP #090
0010	1556+02'ML'	LT	17						49		303		39	49	1	CURB RAMP #091
0010	1559+91'ML'	LT	16						45		299		32	45	1	CURB RAMP #092
0010	1560+63'ML'	LT	14						43		249		39	43	1	CURB RAMP #093
0010	1560+97'ML'	LT	13						22		294	10		22	1	CURB RAMP #094
0010	1560+99'ML'	ISLAND	9	1					22	32	138	20		54	1	CURB RAMP #095
0010	1560+99'ML'	RT	6	2					32		55	10		32	1	CURB RAMP #096
0010	1564+37'ML'	LT	5						23		55	10		23	1	CURB RAMP #097
0010	1564+37'ML'	ISLAND	7						18	30	101	20		48	1	CURB RAMP #098
0010	1564+42'ML'	RT	5	3					24		55	10		24	1	CURB RAMP #099
0010	1571+00'ML'	RT		7												SS REPLACEMENT
0010	83+25'SA'	LT/RT		25												MEDIAN EXTENSION
TOTAL 0010			1029	80	42	93	1699	275	395	582	20459	1320	689	3086	97	

3

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STORM SEWER REPLACEMENT ITEMS

CATEGORY	STRUCTURE NUMBER	**STATION	**OFFSET	204.0220 REMOVING INLETS EACH	204.0245 REMOVING STORM SEWER 01. (12-INCH) LF	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH EACH	611.3230 INLETS 2X3-FT EACH	611.9710 SALVAGED INLET COVERS EACH	RIM ELEVATION FT	INVERT ELEVATION FT	***DEPTH FT
0010	41A	1571+00'ML'	46.3' RT	1	27	1	27	1	1	983.47	979.50	2.89
TOTAL 0010				1	27	1	27	1	1			

**STATION & OFFSET TO CENTER OF STRUCTURE UNLESS OTHERWISE NOTED IN THE PLANS

***DEPTH = RIM ELEV - INVERT ELEV - COVER HT - 7 INCH ADJ RING HT

ADJUSTING INLETS

CATEGORY	LOCATION	611.8115 ADJUSTING INLET COVERS EACH
0010	1541+02'ML', 35.8' RT	1
	TOTAL 0010	1

3

RESTORATION ITEMS

CATEGORY	LOCATION	625.0100 TOPSOIL SY	625.0500 SALVAGED TOPSOIL SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL
0010	PROJECT WIDE	518	1037	0.7	47	28	23
	UNDISTRIBUTED (25%)	132	263	0.2	14	7	7
	TOTAL 0010	650	1300	0.9	60	35	30

MOBILIZATIONS EROSION CONTROL

CATEGORY	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	PROJECT WIDE	6	3
	TOTAL 0010	6	3

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EROSION CONTROL ITEMS

CATEGORY	LOCATION	627.0200 MULCHING SY	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH	628.7555 CULVERT PIPE CHECKS EACH
0010	PROJECT WIDE	250	1700	1700	1037	30	137	16	45
	UNDISTRIBUTED (25%)	75	425	500	263	10	33	4	15
	TOTAL 0010	400	2200	2200	1300	40	170	20	60

DRAINAGE FLUME ITEMS

CATEGORY	LOCATION	*205.0100 EXCAVATION COMMON CY	606.0300 RIPRAP HEAVY CY	645.0120 GEOTEXTILE FABRIC HR SY
0010	1565+50, LT	40	70	155
	TOTAL 0010	40	70	155

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TYPE II PERMANENT SIGNING -

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W (IN.)	X	H (IN.)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0816 POSTS TUBULAR STEEL 2X2-INCH X 16-FT EACH	MOUNT ON SAME POST AS SIGN #
1	W11-2(3)	II	--	36	X	36	-	9.000	-	1	1	1	-	-
1A	WF16-7L(3)	II	--	30	X	18	-	3.750	-	1	-	-	-	-
2	W11-2(3)	II	--	36	X	36	-	9.000	-	1	1	1	-	-
2A	WF16-7L(3)	II	--	30	X	18	-	3.750	-	1	-	-	-	-
3	W11-2(3)	II	--	36	X	36	-	9.000	-	1	1	1	-	-
3A	WF16-7L(3)	II	--	30	X	18	-	3.750	-	1	-	-	-	-
4	R6-2L(2M)	II	--	30	X	36	7.500	-	-	1	1	1	-	-
5	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
5A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
6	W11-2(3)	-	--	-	X	-	-	-	-	1	1	-	-	-
6A	WF16-7L(3)	-	--	-	X	-	-	-	-	1	-	-	-	-
7	W11-2(3)	-	--	-	X	-	-	-	-	1	-	-	-	-
7A	WF16-7R(3)	-	--	-	X	-	-	-	-	1	-	-	-	-
8	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
8A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
9	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
9A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
10	W11-2(3)	-	--	-	X	-	-	-	-	1	-	-	-	-
10A	WF16-7R(3)	-	--	-	X	-	-	-	-	1	-	-	-	-
11	W11-2(3)	-	--	-	X	-	-	-	-	1	1	-	-	-
11A	WF16-7L(3)	-	--	-	X	-	-	-	-	1	-	-	-	-
12	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
12A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
13	R5-1(2S)	II	--	30	X	30	6.250	-	-	1	1	1	-	-
14	W11-2(2S)	II	--	30	X	30	-	6.250	-	1	-	-	-	13
14A	WF16-7L(2S)	II	--	30	X	18	-	3.750	-	1	-	-	-	13
15	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	-	-	-
15A	WF16-7R(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
16	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	-	-	-
16A	WF16-7R(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
17	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-
17A	WF16-7L(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
18	R6-2L(2S)	II	--	24	X	30	5.000	-	-	1	1	1	-	-
19	R6-2L(2S)	II	--	24	X	30	5.000	-	-	1	1	1	-	-
20	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-
20A	WF16-7L(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-

TYPE II PERMANENT SIGNING -

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W (IN.)	X	H (IN.)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0816 POSTS TUBULAR STEEL 2X2-INCH X 16-FT EACH	MOUNT ON SAME POST AS SIGN #
21	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
21A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
22	W11-2(2S)	-	--	-	X	-	-	-	-	1	1	-	-	-
22A	WF16-7L(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-
23	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	-	-	-
23A	WF16-7R(2M)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
24	W11-2(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-
24A	WF16-7R(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-
25	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
25A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
26	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-
26A	WF16-7L(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
27	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
27A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
28	W11-2(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-
28A	WF16-7L(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-
29	W11-2(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-
29A	WF16-7R(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-
30	W11-2(2S)	II	--	30	X	30	-	6.250	-	1	1	1	-	-
30A	WF16-7L(2S)	II	--	30	X	18	-	3.750	-	1	-	-	-	-
31	R5-1(2S)	II	--	30	X	30	6.250	-	-	1	1	1	-	-
32	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
32A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
33	R6-2L(2S)	II	--	24	X	30	5.000	-	-	1	1	1	-	-
34	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
34A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
35	W11-2(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-
35A	WF16-7R(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-
36	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	-	-	-
36A	WF16-7R(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
36B	R4-7(2S)	II	--	24	X	30	5.000	-	-	-	-	-	-	-
37	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	-	-	-
37A	WF16-7R(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
38	W11-2(2S)	-	--	-	X	-	-	-	-	1	1	-	-	-
38A	WF16-7L(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 03 Misc Qtys\030201-mq (Misc Qtys).dwg PLOT DATE : 5/1/2025 8:51 AM PLOT BY : SEH PLOT NAME : PLOT SCALE : 1.0 IN = 1.0 FT
WISDOT/CADDS SHEET 42

TYPE II PERMANENT SIGNING -

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W (IN.)	X	H (IN.)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0816 POSTS TUBULAR STEEL 2X2-INCH X 16-FT EACH	MOUNT ON SAME POST AS SIGN #
39	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
39A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
40	R1-54(2S)	-	--	-	X	-	-	-	-	1	-	-	-	-
41	R1-2(2S)	II	--	36	X	31	3.880	7.750	-	1	1	-	1	-
41A	R6-2R(2S)	II	--	-	X	-	-	-	-	1	-	-	-	-
42	W11-2(2S)	II	--	30	X	30	-	6.250	-	1	1	-	1	-
42A	WF16-7L(2S)	II	--	30	X	18	-	3.750	-	1	-	-	-	-
43	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	1	-	-
43A	WF16-7L(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
44	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
44A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
45	W11-2(3)	-	--	-	X	-	-	-	-	1	1	-	-	-
45A	WF16-7L(3)	-	--	-	X	-	-	-	-	1	-	-	-	-
46	R9-3A(2S)	II	--	24	X	24	4.000	-	-	-	-	1	-	-
46A	R9-3BR(2S)	II	--	18	X	12	1.500	-	-	-	-	-	-	-
47	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	-	-	-
47A	WF16-7L(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
48	W11-2(3)	-	--	-	X	-	-	-	-	1	1	-	-	-
48A	WF16-7R(3)	-	--	-	X	-	-	-	-	1	-	-	-	-
49	W9-1R(3)	II	--	36	X	36	-	9.000	-	-	-	-	1	-
50	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	1	-	-
50A	WF16-7R(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
51	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	-	-	50
51A	WF16-7R(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	50
52	W4-2R(3)	II	--	36	X	36	-	9.000	-	-	-	1	-	-
53	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	1	-	-
53A	WF16-7L(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
54	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	1	-	-
54A	WF16-7L(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
55	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	1	-	-
55A	WF16-7R(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	-
56	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	-	-	55
56A	WF16-7R(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	55
57	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	1	-	-
57A	WF16-7L(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	-

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W (IN.)	X	H (IN.)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0816 POSTS TUBULAR STEEL 2X2-INCH X 16-FT EACH	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
58	R5-1(3)	II	--	36	X	36	9.000	-	-	-	-	-	-	57	--
59	W11-2(2S)	II	--	30	X	30	-	6.250	-	1	1	-	1	-	--
59A	WF16-7L(2S)	II	--	30	X	18	-	3.750	-	1	-	-	-	-	--
60	R1-2(2S)	II	--	36	X	31	3.880	7.750	-	1	1	-	1	-	--
61	W11-2(2S)	II	--	30	X	30	-	6.250	-	1	1	1	-	-	--
61A	WF16-7L(2S)	II	--	30	X	18	-	3.750	-	1	-	-	-	-	--
62	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-	--
62A	WF16-7L(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-	--
63	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-	--
63A	WF16-7L(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-	--
64	R4-7(2S)	II	--	24	X	30	-	5.000	-	1	1	1	-	-	--
64A	W5-54(2S)	II	--	18	X	18	-	2.250	-	-	-	-	-	-	--
65	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
65A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
66	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
66A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
67	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
67A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
68	R1-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
68A	R6-2R(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
69	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
69A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
70	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
70A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
71	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
71A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
72	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
72A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
73	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
73A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
74	R59-51(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
75	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-	--
75A	W16-9P(2S)	II	--	24	X	12	-	2.000	-	-	-	-	-	-	--
76	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-	--
76A	W16-9P(2S)	II	--	24	X	12	-	2.000	-	-	-	-	-	-	--
77	R1-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--

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78	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-	--
78A	W16-9P(2S)	II	--	24	X	12	-	2.000	-	-	-	-	-	-	--
79	R1-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
80	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
80A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
81	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
81A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
82	R1-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
83	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
83A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
84	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
84A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
84	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
84A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
85	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
85A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
86	R1-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
87	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-	--
87A	W16-9P(2S)	II	--	24	X	12	-	2.000	-	-	-	-	-	-	--
88	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-	--
88A	W16-9P(2S)	II	--	24	X	12	-	2.000	-	-	-	-	-	-	--
89	R6-2L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
90	W11-2(3)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
90A	WF16-7R(3)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
91	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	1	-	-	--
91A	W16-9P(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	-	--
92	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
92A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
94	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
94A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
95	W11-2(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
95A	WF16-7L(2S)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
96	W8-73(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-	--
97	W8-73(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-	--
98	W11-2(3)	II	--	36	X	36	-	9.000	-	-	-	-	-	-	MOUNT ON LIGHT POLE

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SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W (IN.)	X	H (IN.)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0816 POSTS TUBULAR STEEL 2X2-INCH X 16-FT EACH	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
98A	WF16-7R(3)	II	--	30	X	18	-	3.750	-	-	-	-	-	-	MOUNT ON LIGHT POLE
99	R5-1(3)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
100	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	-	-	-	MOUNT ON LIGHT POLE, UP HIGH
100A	WF16-7R(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-	MOUNT ON LIGHT POLE, UP HIGH
101	W11-2(3)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
101A	WF16-7L(3)	II	--	-	X	-	-	-	1	-	-	-	-	-	--
102	W11-2(2S)	II	--	30	X	30	-	6.250	-	-	-	1	-	-	--
102A	WF16-7R(2S)	II	--	30	X	18	-	3.750	-	-	-	-	-	-	--
	TOTAL 0010						122.760	443.000	47	51	22	45	5		

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SHEET 6 OF 6

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	MISCELLANEOUS QUANTITIES - PERMANENT SIGNING	SHEET 265	E

TRAFFIC CONTROL ITEMS

CATEGORY	STAGE	APPROX. SERVICE PERIOD DAY	QTY.	643.0300 TRAFFIC CONTROL DRUMS DAY	QTY.	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	QTY.	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	QTY.	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	QTY.	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0910* TRAFFIC CONTROL COVERING SIGNS TYPE I EACH	643.0920* TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	QTY.	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	QTY.	643.1070 TRAFFIC CONTROL CONES 42-INCH DAY
0010	1	38	302	11,476	65	2,470	64	2,432	10	380	125	4,750	2	1	0	0	0	894	33,972
0010	2	51	918	46,818	51	2,601	58	2,958	21	1,071	100	5,100	0	4	0	0	0	1008	51,408
0010	83 DETOUR	4	0	0	41	164	0	0	10	510	164	656	0	1	36	8	56	0	0
0010	18 DETOUR	4	0	0	39	156	0	0	10	510	85	340	0	0	36	4	28	0	0
0010	DE CLOSURE	4	0	0	36	144	0	0	8	408	28	112	0	0	0	2	14	0	0
	TOTAL 0010			58,294		5,535		5,390		2,879		10,958	2	6	72		98		85,380

*NUMBER OF CYCLES = 1

TEMPORARY MARKING ITEMS

CATEGORY	STAGE	LOCATION	643.3105 TEMPORARY MARKING LINE PAINT 4-INCH LF	643.3205 TEMPORARY MARKING LINE PAINT 8-INCH LF	643.3265 TEMPORARY MARKING LINE PAINT 10-INCH LF	646.3505 TEMPORARY MARKING LINE ARROWS PAINT EACH	646.9100 MARKING REMOVAL LINE 8-INCH LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH
0010	1	STH 83	2009	542	48	-	355	-
	1	USH 18	-	-	-	-	-	2
			2009	542	48	0	355	2
	2	STH 83	5807	519	48	-	80	8
	FULL CLOSURE	STH 83/CTH DE ROUNDABOUT		-	120	-	-	-
	FULL CLOSURE	STH 83/USH 18 ROUNDABOUT	1080	932	75	32	-	-
			6887	1451	243	32	80	8
		TOTAL 0010	8896	1993	291	32	435	10

TRAFFIC CONTROL ITEMS - PEDESTRIAN

CATEGORY	STAGE	APPROX. SERVICE PERIOD DAY	643.3305 TEMPORARY MARKING CROSSWALK PAINT 6-INCH LF	643.5000 TRAFFIC CONTROL EACH	644.1440 TEMPORARY PEDESTRIAN SURFACE MATTING SF	QTY.	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF
0010	2	51	2,310		1,845	12	612	150	1,620
0010	PROJECT			1					
		TOTAL 0010	2,310	1	1,845		612	150	1,620

PERMANENT PAVEMENT MARKING

			646.1020		646.2020	646.2025	646.2040		646.3020	646.4020	646.4025	646.4040	646.5020	646.5120
			MARKING LINE EPOXY 4-INCH		MARKING LINE EPOXY 6-INCH	MARKING LINE GROOVED BLACK EPOXY 6-INCH	MARKING LINE GROOVED WET REF EPOXY 6-INCH		MARKING LINE EPOXY 8-INCH	MARKING LINE EPOXY 10-INCH	MARKING LINE GROOVED BLACK EPOXY 10-INCH	MARKING LINE GROOVED WET REF EPOXY 10-INCH	MARKING ARROW EPOXY	MARKING WORD EPOXY
			(WHITE)	(YELLOW)	(WHITE)		(WHITE)	(YELLOW)	(WHITE)	(WHITE)		(WHITE)	(WHITE)	(WHITE)
CATEGORY	LOCATION	LOCATION	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	EACH	EACH
0010	PROJECT BEGIN	PERKINS RD	-	-	-	-	828	888	-	-	-	-	-	-
0010	PERKINS RD	LONDON DR	-	182	-	-	2922	2938	-	-	-	168	2	1
0010	LONDON DR	HARVEST DR	-	248	-	-	2148	2133	-	-	-	108	1	1
0010	HARVEST DR	CTH DE	-	-	-	-	1173	1510	-	-	-	70	-	1
	CTH DE		115	456	-	-	-	-	-	-	-	62	-	-
0010	CTH E		173	389	-	-	-	-	64	-	-	65	1	1
0010	CTH DE	PORT HAMEL CT	4072	4272	-	680	680	-	-	696	190	1013	5	4
0010	PORT HAMEL CT	W BRANDYBROOK RD	497	529	-	375	1932	-	208	-	-	269	4	-
0010	W BRANDYBROOK RD	S BRANDYBROOK RD	112	226	-	127	760	512	-	-	-	95	-	-
0010	S BRANDYBROOK RD	WELSH RD	-	133	-	614	3121	2343	-	-	-	702	-	-
0010	WELSH RD	W SOUTH ST	-	-	-	-	2417	1940	-	-	-	315	-	-
0010	W SOUTH ST	CRIGLAS RD	-	299	-	-	-	1013	-	-	-	255	-	-
0010	CRIGLAS RD	W MAIN ST	-	226	-	-	740	565	100	-	-	187	4	-
0010	W MAIN ST	CYMRIC CT	-	15	-	-	1863	1390	-	-	-	350	-	-
0010	CYMRIC CT	ACCESS	-	-	-	-	2398	1840	-	-	-	511	2	-
0010	ACCESS	USH 18	-	-	-	-	443	446	-	-	-	495	6	2
0010	MORAINE VIEW DR	STH 83/USH 18	-	187	340	47	1432	1529	29	-	-	1479	28	10
0010	STH 83/USH 18	OAK CREST DR	-	-	-	144	2887	3562	-	-	-	1075	9	5
0010	USH 18	NEWPORT DR	-	-	-	150	819	741	-	-	-	420	4	2
0010	NEWPORT DR	HIGH MEADOW LN	-	289	-	388	2370	-	-	-	-	935	2	1
0010	HIGH MEADOW LN	BOYS SCHOOL RD	-	62	-	181	1056	-	-	-	-	802	-	-
0010	BOYS SCHOOL RD	GLACIER PASS (S)	-	118	-	153	1278	-	-	-	-	459	-	-
0010	GLACIER PASS (S)	PROJECT END	-	-	-	190	3904	5320	-	-	-	651	-	-
		TOTAL 0010	4970	7631	340	3048	35166	28669	401	696	190	10485	68	28
			12601				63835							

PERMANENT PAVEMENT MARKING (CONTINUED)

CATEGORY	LOCATION	LOCATION	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.6320 MARKING DOTTED EXTENSION EPOXY 18-INCH (WHITE) LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	646.7320 MARKING CHEVRON EPOXY 12-INCH (WHITE) LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) LF	646.8020 MARKING CORRUGATED MEDIAN EPOXY (YELLOW) SF	646.8120 MARKING CURB EPOXY (YELLOW) LF	646.8220 MARKING ISLAND NOSE EPOXY (YELLOW) EACH
0010	PROJECT BEGIN	PERKINS RD	26	-	-	-	-	-	-	-
0010	PERKINS RD	LONDON DR	26	-	-	-	-	-	-	-
0010	LONDON DR	HARVEST DR	28	-	-	-	-	-	-	-
0010	HARVEST DR	CTH DE	-	20	55	-	72	-	10	1
	CTH DE		-	20	-	-	84	-	10	1
0010	CTH E		-	16	-	-	88	-	-	-
0010	CTH DE	PORT HAMEL CT	17	36	-	64	205	-	20	2
0010	PORT HAMEL CT	W BRANDYBROOK RD	32	-	-	-	88	-	170	6
0010	W BRANDYBROOK RD	S BRANDYBROOK RD	32	-	-	-	131	-	110	3
0010	S BRANDYBROOK RD	WELSH RD	36	-	-	-	319	-	110	3
0010	WELSH RD	W SOUTH ST	30	-	-	-	158	-	30	2
0010	W SOUTH ST	CRIGLAS RD	40	-	-	-	460	-	30	2
0010	CRIGLAS RD	W MAIN ST	31	-	-	-	223	-	30	2
0010	W MAIN ST	CYMRIC CT	19	-	-	-	87	-	20	2
0010	CYMRIC CT	ACCESS	18	-	-	-	253	230	70	4
0010	ACCESS	USH 18	-	24	-	-	111	-	30	1
0010	MORAINE VIEW DR	STH 83/USH 18	-	108	58	141	487	-	20	2
0010	STH 83/USH 18	OAK CREST DR	27	24	39	-	224	-	10	1
0010	USH 18	NEWPORT DR	13	22	-	55	183	-	-	-
0010	NEWPORT DR	HIGH MEADOW LN	51	-	-	-	127	-	10	1
0010	HIGH MEADOW LN	BOYS SCHOOL RD	22	-	-	-	137	-	30	2
0010	BOYS SCHOOL RD	GLACIER PASS (S)	25	-	-	-	-	-	66	2
0010	GLACIER PASS (S)	PROJECT END	-	-	490	-	-	214	111	4
		TOTAL 0010	473	270	642	260	3437	444	887	41

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CONSTRUCTION STAKING ITEMS

CATEGORY	LOCATION	650.9500 CONSTRUCTION STAKING SIDEWALK (PROJECT) 01. 1330-34-70 EACH	650.9911 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 1330-34-70 EACH
0010	PROJECT WIDE	1	1
	TOTAL 0010	1	1

DRAINAGE STRUCTURE REPAIR AND CLEANING ITEMS

CATEGORY	STATION	LOCATION	520.8700 CLEANING CULVERT PIPES EACH	SPV.0060.01 SPECIAL (01. REPAIR AND REGROUT STRUCTURE PIPE HOLES) EACH	SPV.0060.02 SPECIAL (02. CLEANING INLETS) EACH	SPV.0060.03 SPECIAL (03. RESET AND RETIE END SECTION) EACH	SPV.0060.04 SPECIAL (04. CLEANING STORM SEWER OUTFALL) EACH	SPV.0060.05 SPECIAL (05. VEGETATION REMOVAL OUTFALL) EACH	REMARKS
0010	1428+69'ML'	LT/RT	1	-	-	-	-	-	24-INCH RCCP
0010	1443+86'ML'	LT/RT	1	-	-	-	-	-	24-INCH RCCP
0010	1452+45'ML'	36.0' LT	-	1	-	-	-	-	
0010	1453+26'ML'	30.0' LT	-	1	-	-	-	-	
0010	1454+89'ML'	8.8' RT	-	-	1	-	-	-	
0010	1462+78'ML'	LT/RT	1	-	-	1	-	-	24-INCH RCCP
0010	1485+92'ML'	41.0' RT	-	1	-	-	-	-	
0010	1488+00'ML'	4.0' RT	-	1	-	-	-	-	
0010	1493+75'ML'	1.8' LT	-	1	-	-	-	-	
0010	1493+75'ML'	38.9' LT	-	1	-	-	-	-	
0010	1493+95'ML'	39.2' LT	-	1	-	-	-	-	
0010	1499+00'ML'	40.5' RT	-	1	-	-	-	-	
0010	1500+75'ML'	40.6' RT	-	1	-	-	-	-	
0010	1501+98'ML'	40.9' RT	-	1	-	-	-	-	
0010	1515+20'ML'	41.0' RT	-	-	-	-	-	-	
0010	1522+66'ML'	LT	-	-	-	-	-	1	24-INCH RCCP
0010	1523+43'ML'	LT	1	-	-	-	-	-	19X30-INCH RCCP
0010	78+11'SA'	RT	-	-	-	-	1	-	12-INCH RCCP
0010	1541+00'ML'	LT	-	-	-	-	1	-	34X53-INCH RCCP
0010	1542+55'ML'	11.3' RT	-	1	-	-	-	-	
0010	1569+06'ML'	LT/RT	-	-	-	-	-	1	24-INCH RCCP
0010	1577+26'ML'	LT/RT	-	-	-	-	-	1	24-INCH RCCP
0010	70+74'SA'	LT/RT	1	-	-	-	-	-	15-INCH RCCP
0010	75+07'SA'	10.0' RT	-	-	1	-	-	-	
		TOTAL 0010	5	11	2	1	2	3	

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.

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

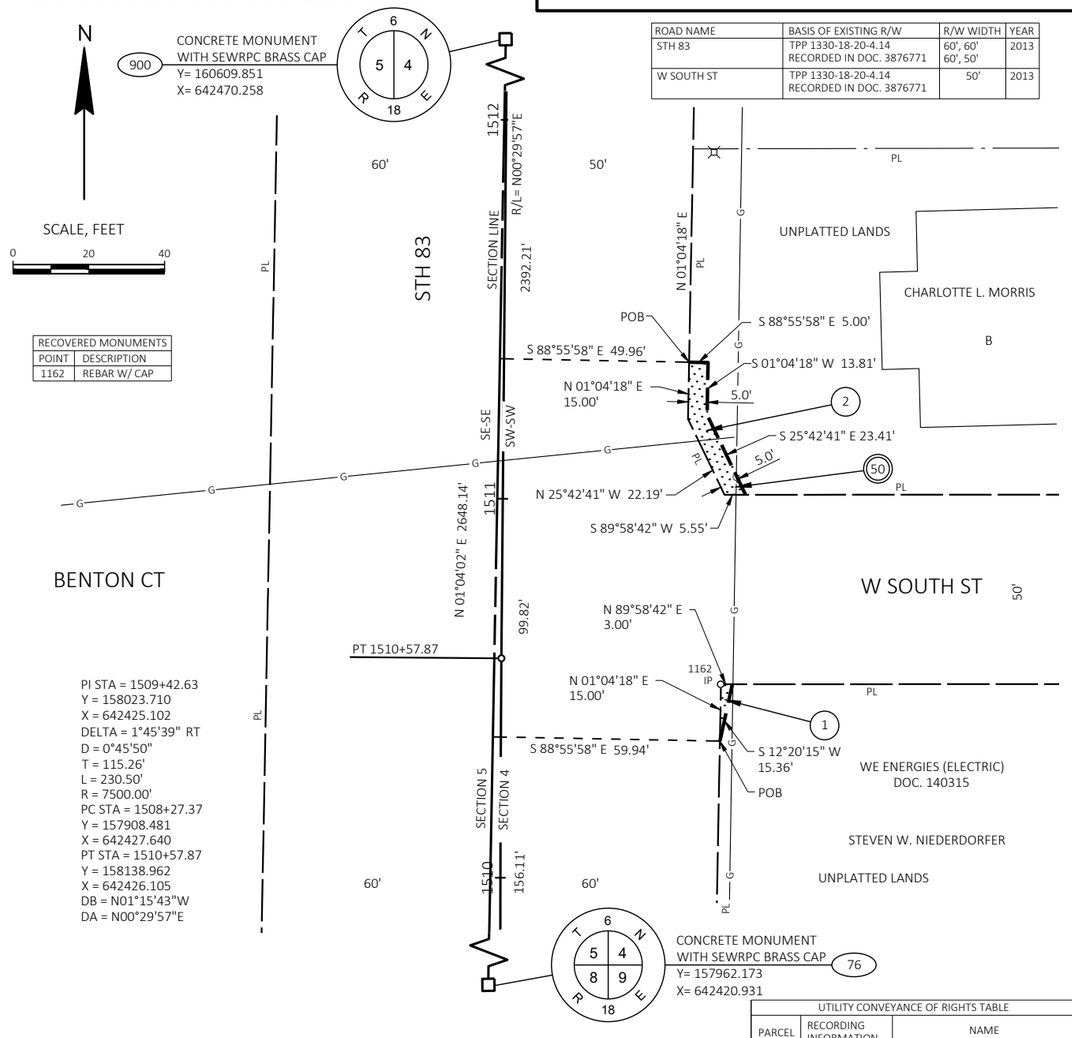
PURPOSE OF ALL TLE IS FOR SLOPES AND CONSTRUCTION, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 1330-34-20	SHEET NUMBER: 4.01

TLE ACQUISITION EXHIBIT
WALES - HARTFORD
PERKINS ROAD TO GLACIER PASS

STH 83 — WAUKESHA COUNTY

THAT PART OF THE SW 1/4 OF THE SW 1/4, SECTION 4, TOWNSHIP 6 NORTH, RANGE 18 EAST, VILLAGE OF WALES, WAUKESHA COUNTY, WISCONSIN.



ROAD NAME	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 83	TPP 1330-18-20-4.14 RECORDED IN DOC. 3876771	60', 60' 60', 50'	2013
W SOUTH ST	TPP 1330-18-20-4.14 RECORDED IN DOC. 3876771	50'	2013

RECOVERED MONUMENTS	
POINT	DESCRIPTION
1162	REBAR W/ CAP

UTILITY CONVEYANCE OF RIGHTS TABLE		
PARCEL	RECORDING INFORMATION	NAME
1	DOC. 4079411	WE ENERGIES (GAS)
1, 2	DOC. 4080418	WE ENERGIES (ELECTRIC)
1, 2	DOC. 4079409	BRIGHTSPEED

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
50	1	NO RECORD OF EASEMENT	WE ENERGIES (GAS)
53	1	DOC. 140315 (BLANKET EASEMENT)	WE ENERGIES (ELECTRIC)
	1, 2	DOC. 94786 (BLANKET EASEMENT)	
	1, 2	DOC. 94788 (BLANKET EASEMENT)	
	2	DOC. 331630 (BLANKET EASEMENT)	

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	FEE S.F.	TLE S.F.
1	STEVEN W. NIEDERDORFER	TLE	-	23
2	CHARLOTTE L. MORRIS	TLE	-	186

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
50	WE ENERGIES (GAS)	RELEASE OF RIGHTS
53	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS

THIS EXHIBIT IS APPROVED FOR THE DEPARTMENT OF TRANSPORTATION, SOUTHEAST REGION - WAUKESHA, WISCONSIN.

SIGNATURE: _____ DATE: _____

PRINT NAME: XXXXX

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

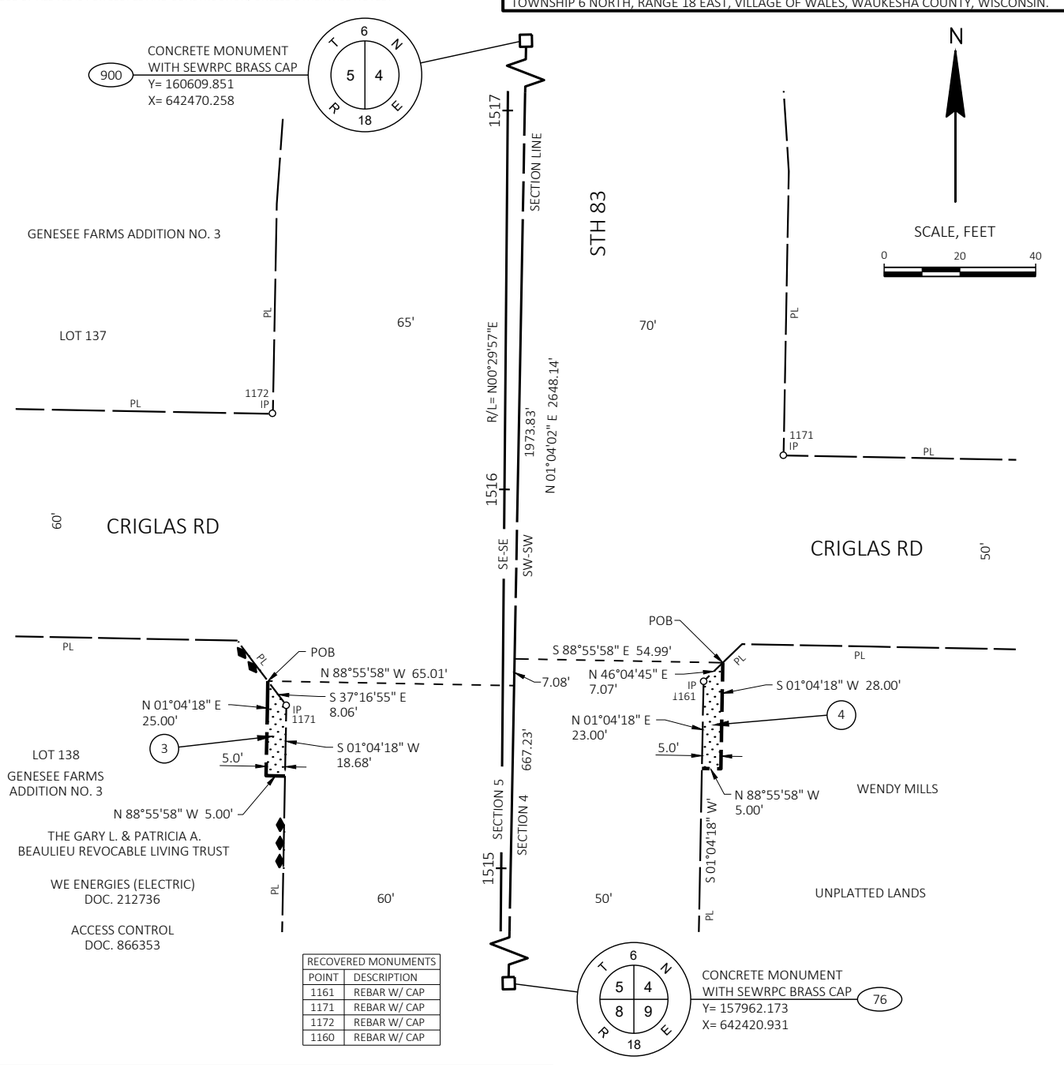
PURPOSE OF ALL TLE IS FOR SLOPES AND CONSTRUCTION, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 1330-34-20	SHEET NUMBER: 4.02

TLE ACQUISITION EXHIBIT
WALES - HARTFORD
PERKINS ROAD TO GLACIER PASS

STH 83 — WAUKESHA COUNTY

THAT PART OF LOT 138, GENESEE FARMS ADDITION NO. 3, LOCATED IN PART OF THE SE 1/4 OF THE SE 1/4, SECTION 5, AND THAT PART OF THE SW 1/4 OF THE SW 1/4, SECTION 4, ALL IN TOWNSHIP 6 NORTH, RANGE 18 EAST, VILLAGE OF WALES, WAUKESHA COUNTY, WISCONSIN.



RECOVERED MONUMENTS	
POINT	DESCRIPTION
1161	REBAR W/ CAP
1171	REBAR W/ CAP
1172	REBAR W/ CAP
1160	REBAR W/ CAP

UTILITY CONVEYANCE OF RIGHTS TABLE		
PARCEL	RECORDING INFORMATION	NAME
3	DOC. 4080418	WE ENERGIES (ELECTRIC)
4	DOC. 4079409	BRIGHTSPEED

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
53	3	DOC. 212736 (BLANKET EASEMENT)	WE ENERGIES (ELECTRIC)

ROAD NAME	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 83	TPP 1330-18-20-4.14 RECORDED IN DOC. 3876771	60', 50' 65', 70'	2013
CRIGLAS RD	GENESEE FARMS ADDITION NO. 3 RECORDED AS DOC. 726500	60', 50'	1968

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	FEE S.F.	TLE S.F.
3	GARY L. & PATRICIA A. BEAULIEU REVOCABLE LIVING TRUST	TLE	-	109
4	WENDY MILLS	TLE	-	128

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
53	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS

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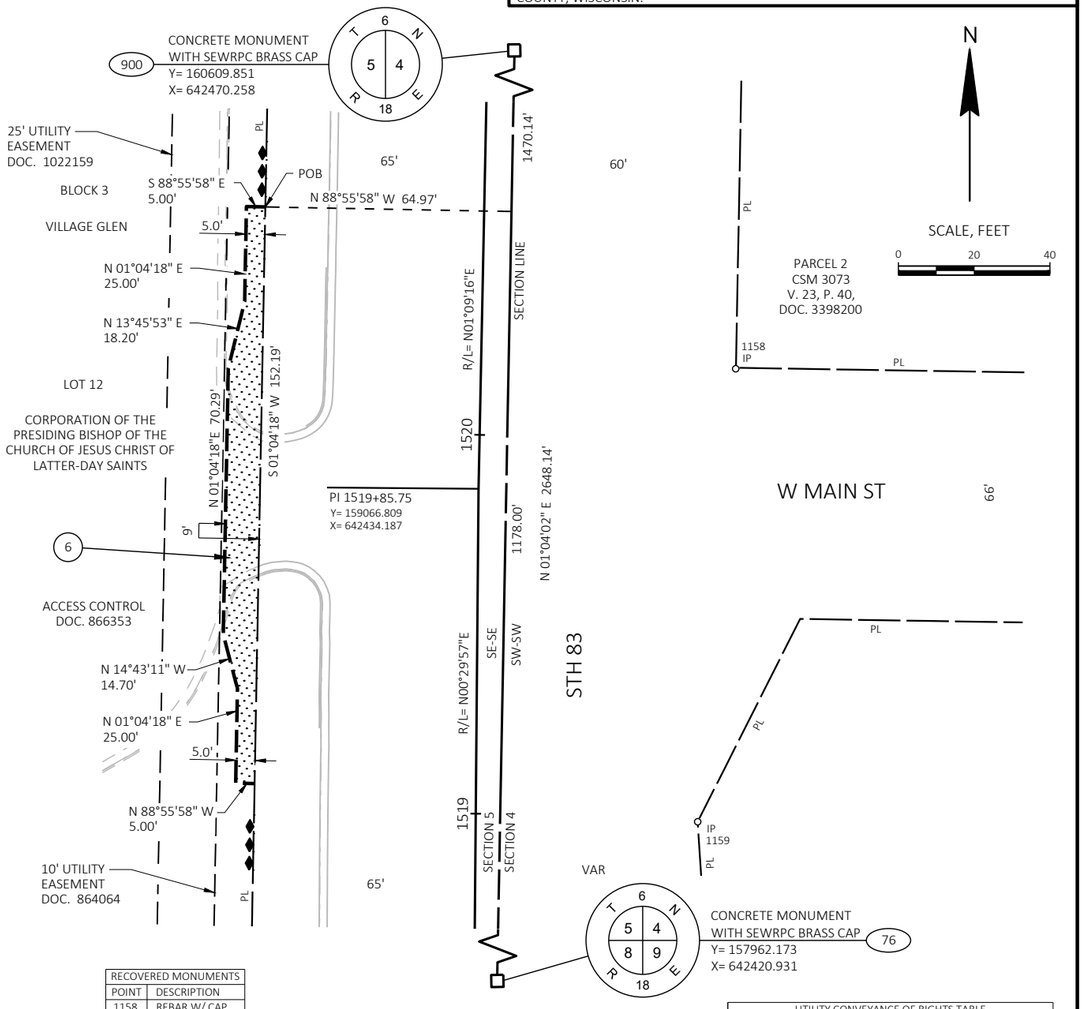
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WAUKESHA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

PURPOSE OF ALL TLE IS FOR SLOPES AND CONSTRUCTION, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 1330-34-20	SHEET NUMBER: 4.03

TLE ACQUISITION EXHIBIT
WALES - HARTFORD
PERKINS ROAD TO GLACIER PASS
STH 83 WAUKESHA COUNTY

THAT PART OF LOT 12, BLOCK 3, VILLAGE GLEN, LOCATED IN PART OF THE SE 1/4 OF THE SE 1/4, SECTION 5, TOWNSHIP 6 NORTH, RANGE 18 EAST, VILLAGE OF WALES, WAUKESHA COUNTY, WISCONSIN.



RECOVERED MONUMENTS	
POINT	DESCRIPTION
1158	REBAR W/ CAP
1159	REBAR W/ CAP

UTILITY CONVEYANCE OF RIGHTS TABLE		
PARCEL	RECORDING INFORMATION	NAME
6	DOC. 4079412	SPECTRUM
6	DOC. 4080418	WE ENERGIES (ELECTRIC)
6	DOC. 4079409	BRIGHTSPEED (COMMUNICATIONS)

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
53	6	DOC. 414550 (BLANKET EASEMENT)	WE ENERGIES (ELECTRIC)
		DOC. 1022159	
54	6	DOC. 864064	BRIGHTSPEED (TELEPHONE)
		DOC. 1022159	

ROAD NAME	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 83	TPP 1330-18-20-4.15 AMENDMENT 2 RECORDED IN DOC. 3982281	65', VAR 65', 60'	2013
W MAIN ST	TPP 1330-18-20-4.15 AMENDMENT 2 RECORDED IN DOC. 3982281	66'	2013
W MAIN ST	CSM 3073, V. 23, P. 40, DOC. 3398200	33'	1977

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	FEE S.F.	TLE S.F.
6	CORPORATION OF THE PRESIDING BISHOP OF THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS	TLE	-	1106

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
53	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
54	BRIGHTSPEED (TELEPHONE)	RELEASE OF RIGHTS

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

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FOR EXISTING PERMANENT LIMITED EASEMENT INFORMATION SEE DOCUMENT NO. 3623043 & DOCUMENT NO. 3623045.

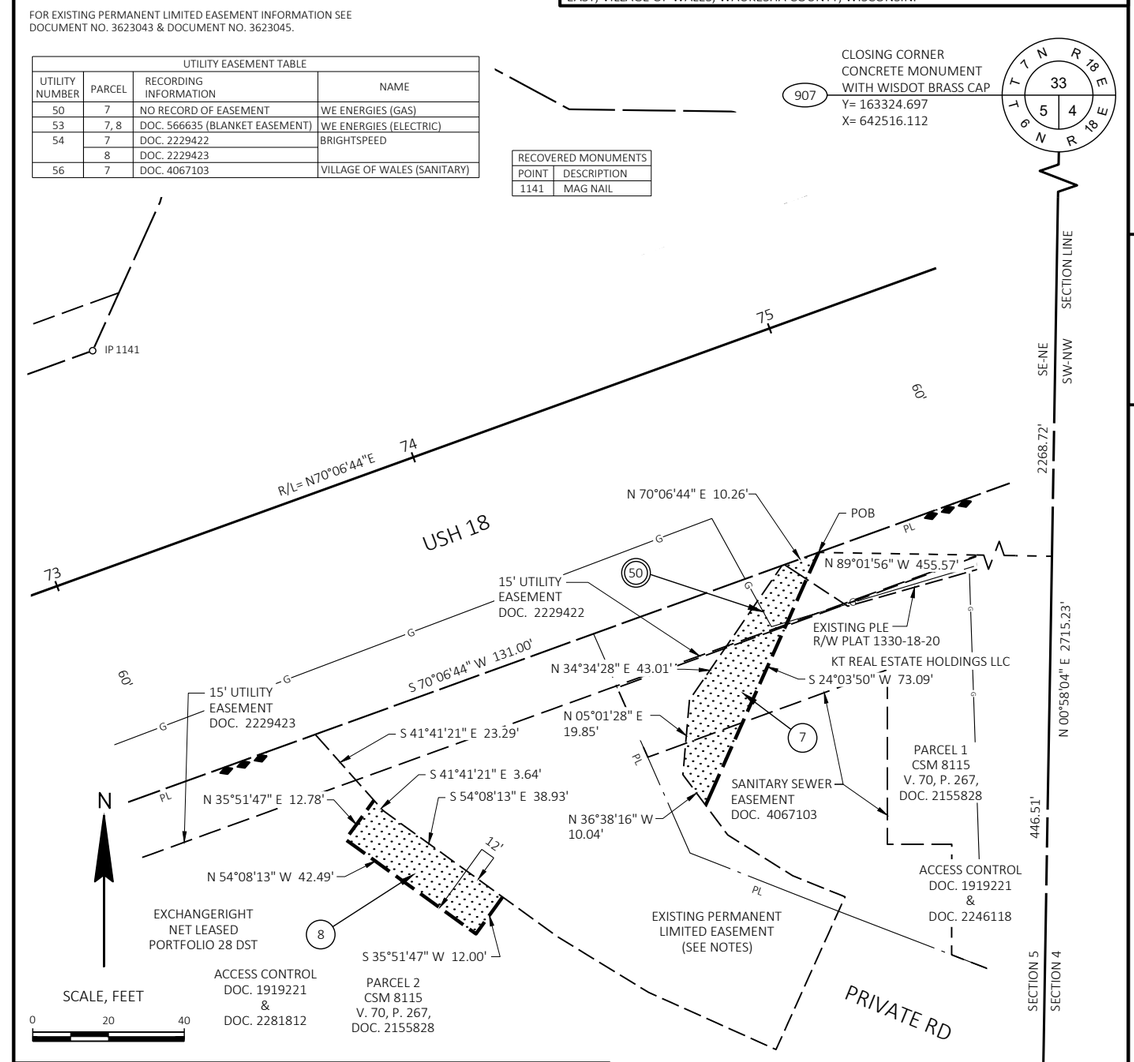
R/W PROJECT NUMBER: 1330-34-20	SHEET NUMBER: 4.04

TLE ACQUISITION EXHIBIT
WALES - HARTFORD
PERKINS ROAD TO GLACIER PASS
STH 83 WAUKESHA COUNTY

THAT PART OF PARCEL 1 AND PARCEL 2, CSM 8115, V. 70, P. 267, DOC. 2155828, LOCATED IN PART OF THE SE 1/4 OF THE NE 1/4, SECTION 5, LOCATED IN TOWNSHIP 6 NORTH, RANGE 18 EAST, VILLAGE OF WALES, WAUKESHA COUNTY, WISCONSIN.

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
50	7	NO RECORD OF EASEMENT	WE ENERGIES (GAS)
53	7, 8	DOC. 566635 (BLANKET EASEMENT)	WE ENERGIES (ELECTRIC)
54	7	DOC. 2229422	BRIGHTSPEED
	8	DOC. 2229423	
56	7	DOC. 4067103	VILLAGE OF WALES (SANITARY)

RECOVERED MONUMENTS	
POINT	DESCRIPTION
1141	MAG NAIL



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	FEE S.F.	TLE S.F.
7	KT REAL ESTATE HOLDINGS LLC	TLE	-	747
8	EXCHANGERIGHT NET LEASED PORTFOLIO 28 DST	TLE	-	511

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
50	WE ENERGIES (GAS)	RELEASE OF RIGHTS
53	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
54	BRIGHTSPEED	RELEASE OF RIGHTS
56	VILLAGE OF WALES (SANITARY)	RELEASE OF RIGHTS

ROAD NAME	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
USH 18	TPP 1330-18-20-4.17 AMENDMENT 1 RECORDED IN DOC. 3971860	60'	2013
USH 18	CSM 8115, V. 70, P. 267 DOC. 2155828	60'	1996

NOTES:
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PURPOSE OF ALL TLE IS FOR SLOPES AND CONSTRUCTION, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 1330-34-20	SHEET NUMBER: 4.05

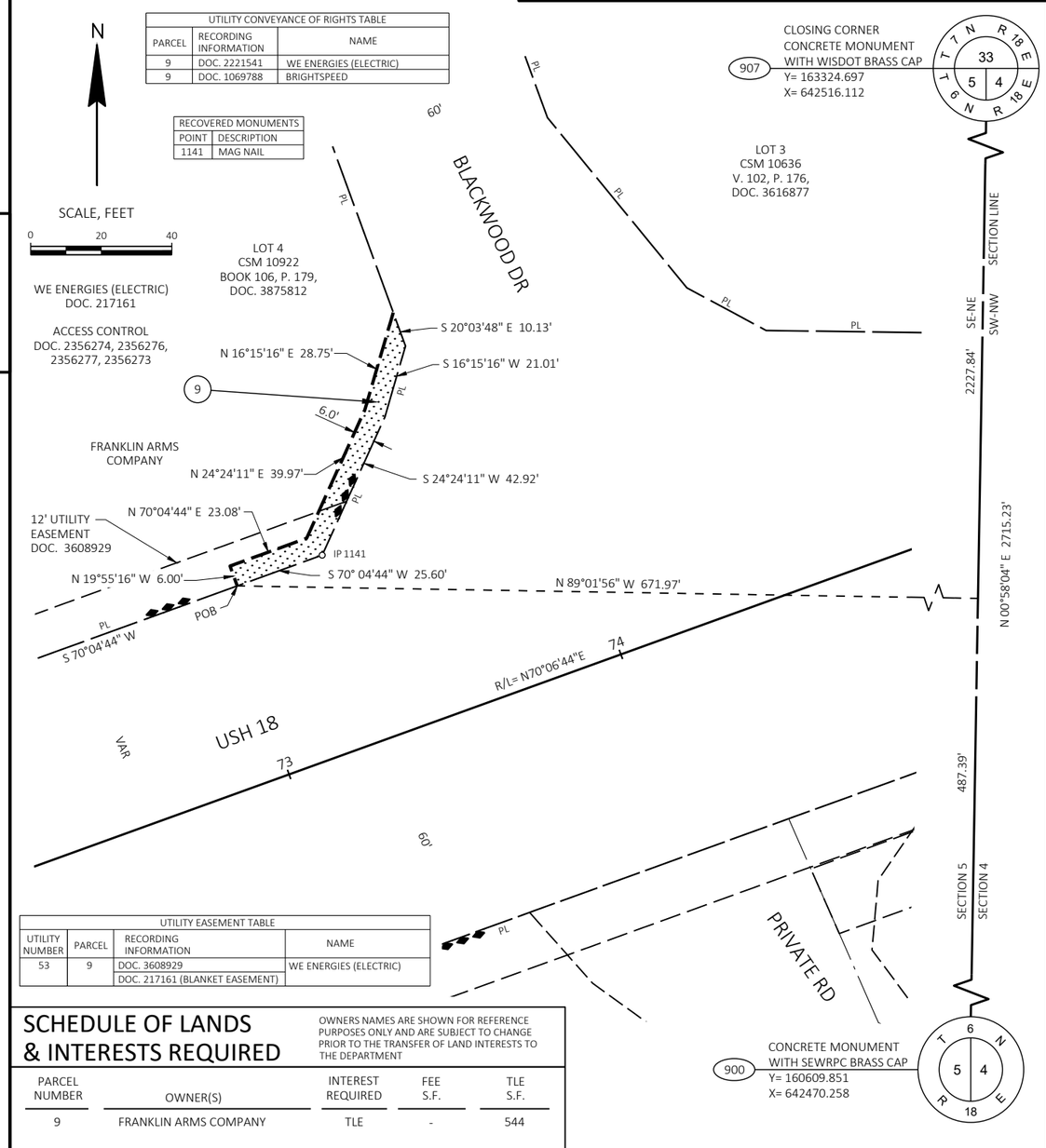
TLE ACQUISITION EXHIBIT
WALES - HARTFORD
PERKINS ROAD TO GLACIER PASS

STH 83 — WAUKESHA COUNTY

THAT PART OF LOT 4, CSM 10922, BOOK 106, P. 179, DOC. 3875812, LOCATED IN PART OF THE SE 1/4 OF THE NE 1/4, SECTION 5, TOWNSHIP 6 NORTH, RANGE 18 EAST, VILLAGE OF WALES, WAUKESHA COUNTY, WISCONSIN.

UTILITY CONVEYANCE OF RIGHTS TABLE		
PARCEL	RECORDING INFORMATION	NAME
9	DOC. 2221541	WE ENERGIES (ELECTRIC)
9	DOC. 1069788	BRIGHTSPEED

RECOVERED MONUMENTS	
POINT	DESCRIPTION
1141	MAG NAIL



UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
53	9	DOC. 3608929	WE ENERGIES (ELECTRIC)
		DOC. 217161 (BLANKET EASEMENT)	

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	FEE S.F.	TLE S.F.
9	FRANKLIN ARMS COMPANY	TLE	-	544

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
53	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS

ROAD NAME	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
USH 18	CSM 10922, V. 106, P. 179, DOC. 3875812	VAR	2011
BLACKWOOD DR	CSM 10922, V. 106, P. 179, DOC. 3875812	60'	2011
BLACKWOOD DR	CSM 10636, V. 102, P. 176, DOC. 3616877	60'	2009

NOTES:
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PURPOSE OF ALL TLE IS FOR SLOPES AND CONSTRUCTION, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 1330-34-20	SHEET NUMBER: 4.06

TLE ACQUISITION EXHIBIT
WALES - HARTFORD
PERKINS ROAD TO GLACIER PASS

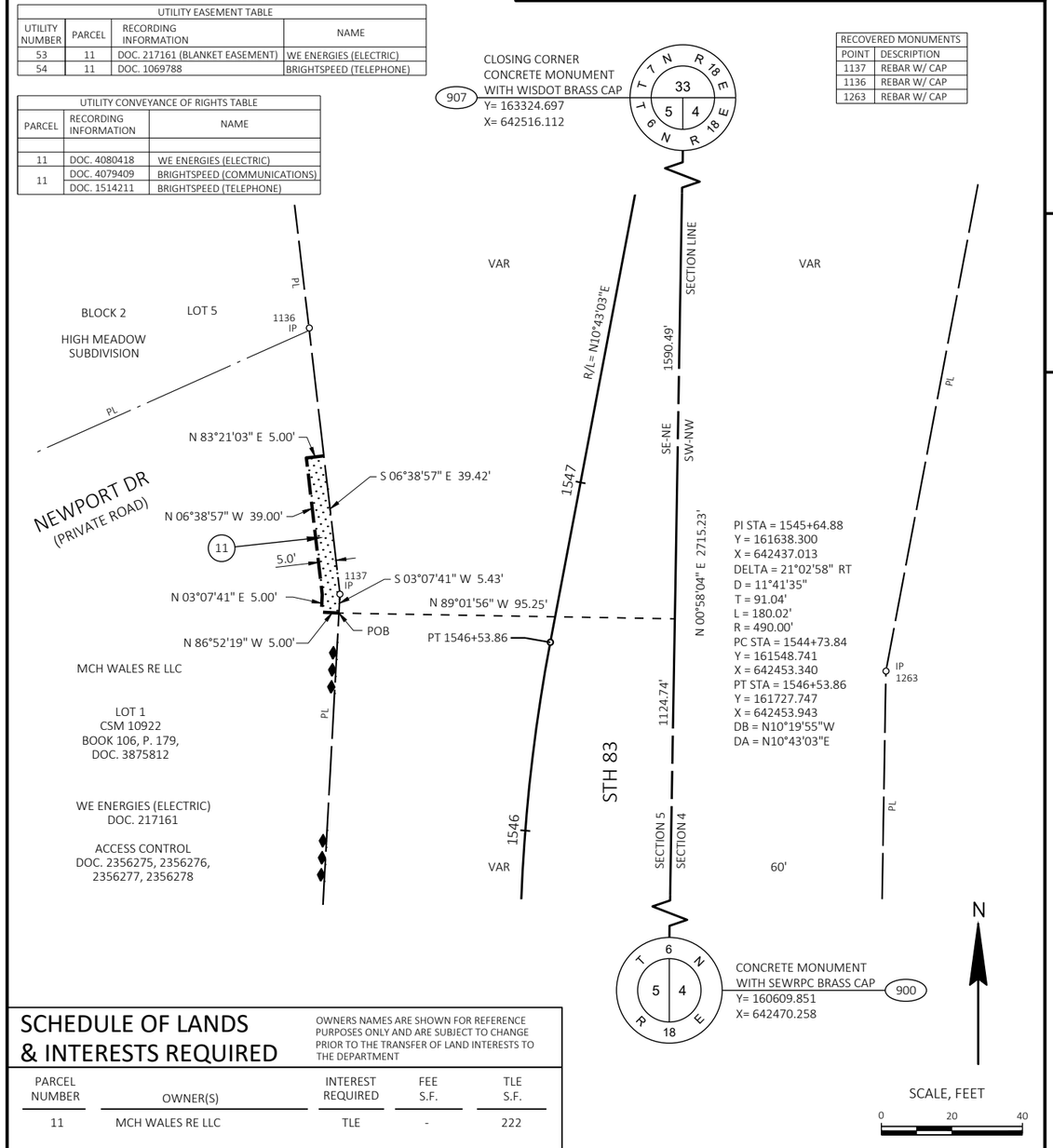
STH 83 — WAUKESHA COUNTY

THAT PART OF LOT 1, CSM 10922, BOOK 106, P. 179, DOC. 3875812, LOCATED IN PART OF THE SE 1/4 OF THE NE 1/4, SECTION 5, TOWNSHIP 6 NORTH, RANGE 18 EAST, VILLAGE OF WALES, WAUKESHA COUNTY, WISCONSIN.

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
53	11	DOC. 217161 (BLANKET EASEMENT)	WE ENERGIES (ELECTRIC)
54	11	DOC. 1069788	BRIGHTSPEED (TELEPHONE)

UTILITY CONVEYANCE OF RIGHTS TABLE		
PARCEL	RECORDING INFORMATION	NAME
11	DOC. 4080418	WE ENERGIES (ELECTRIC)
11	DOC. 4079409	BRIGHTSPEED (COMMUNICATIONS)
	DOC. 1514211	BRIGHTSPEED (TELEPHONE)

RECOVERED MONUMENTS	
POINT	DESCRIPTION
1137	REBAR W/ CAP
1136	REBAR W/ CAP
1263	REBAR W/ CAP



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	FEE S.F.	TLE S.F.
11	MCH WALES RE LLC	TLE	-	222

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
53	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
54	BRIGHTSPEED (TELEPHONE)	RELEASE OF RIGHTS

ROAD NAME	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
USH 18	TPP 1330-18-20-4.19 RECORDED IN DOC. 3930224	VAR	2013

NOTES:
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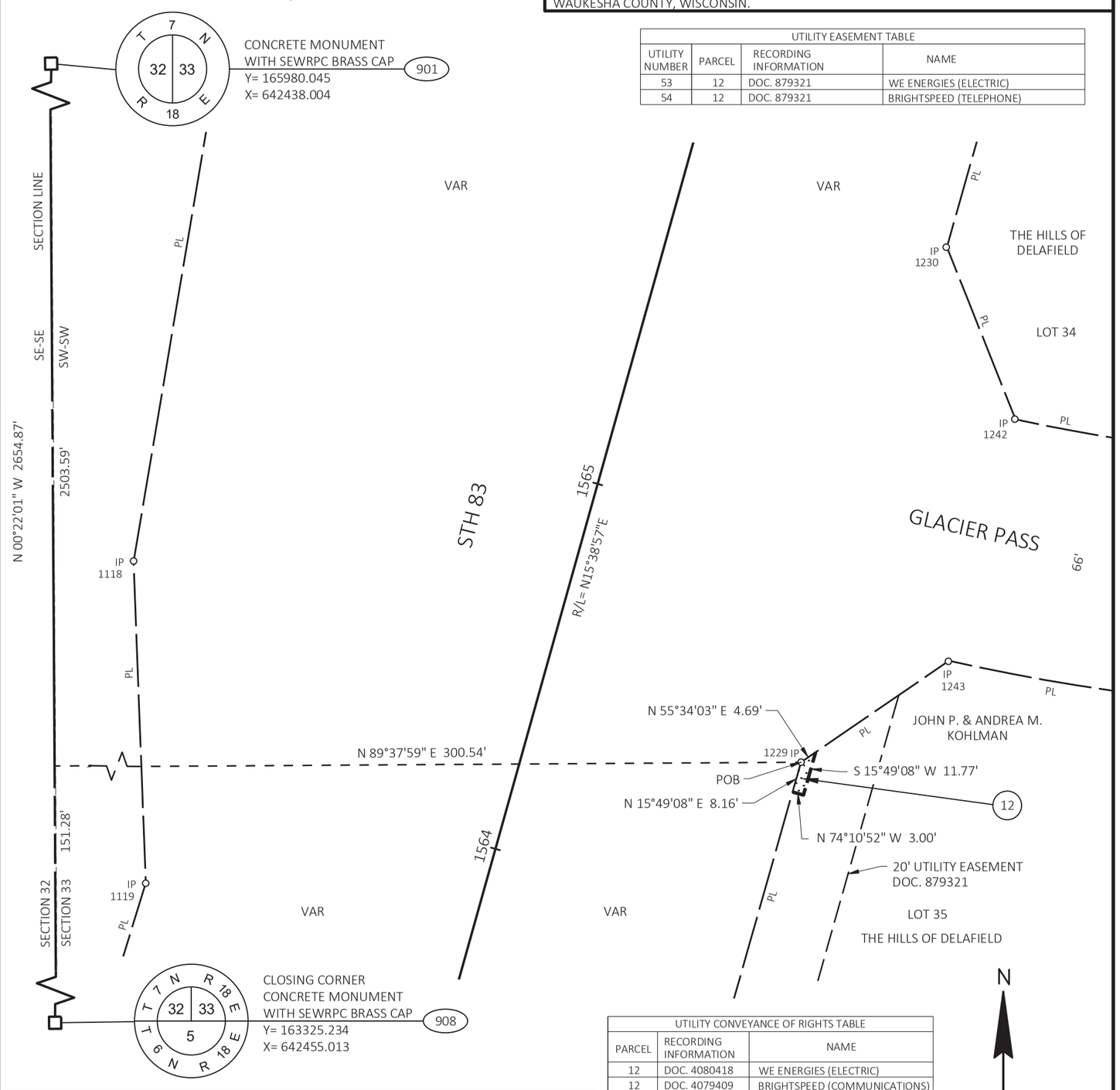
R/W PROJECT NUMBER: 1330-34-20	SHEET NUMBER: 4.07

TLE ACQUISITION EXHIBIT
WALES - HARTFORD
PERKINS ROAD TO GLACIER PASS

STH 83 — WAUKESHA COUNTY

THAT PART OF LOT 35, THE HILLS OF DELAFIELD, LOCATED IN PART OF THE SW 1/4 OF THE SW 1/4, SECTION 33, TOWNSHIP 7 NORTH, RANGE 18 EAST, TOWN OF DELAFIELD, WAUKESHA COUNTY, WISCONSIN.

4



UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
53	12	DOC. 879321	WE ENERGIES (ELECTRIC)
54	12	DOC. 879321	BRIGHTSPEED (TELEPHONE)

UTILITY CONVEYANCE OF RIGHTS TABLE		
PARCEL	RECORDING INFORMATION	NAME
12	DOC. 4080418	WE ENERGIES (ELECTRIC)
12	DOC. 4079409	BRIGHTSPEED (COMMUNICATIONS)

RECOVERED MONUMENTS	
POINT	DESCRIPTION
1119	REBAR W/ CAP
1118	REBAR W/ CAP
1230	REBAR W/ CAP
1242	REBAR W/ CAP
1243	REBAR W/ CAP
1229	REBAR W/ CAP

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	FEE S.F.	TLE S.F.
12	JOHN P. & ANDREA M. KOHLMAN	TLE	-	30

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
53	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
54	BRIGHTSPEED (TELEPHONE)	RELEASE OF RIGHTS

ROAD NAME	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 83	TPP 1330-18-20-4.25 RECORDED IN DOC. 3926528	VAR	2013
GLACIER PASS	TPP 1330-18-20-4.25 RECORDED IN DOC. 3926528	66'	2013

DALE E MERRITT
DAWN L MERRITT
ID: GNT 1503004

LAURA A SUMPTER
ID: GNT 1503990

RICHARD G DOERFLER
ID: GNT 1503005

WILLIAM L MAYNARD
STEPHANIE C FISCHER
ID: GNT 1503001

PI: 47+82.07'PR'

C21

48'PR'

49'PR'

ID: OVERLAP

PERKINS RD

N

PE

BEGIN CONSTRUCTION
STA 49+10'PR'
BUTT JOINT REQUIRED

SPECTRUM - COMMUNICATION LINE

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

STA 1414+00.00'ML' POT:
Y=149,003.3071
X=644,187.8839

PE

1414'ML' 1415'ML' 1416'ML' 1417'ML' N16° 58' 24"W 1418'ML' 1419'ML' 1420'ML' N16° 58' 24"W 1421'ML'

N73° 01' 33"E 50'PR'

STA 1419+73.08'ML'
STA 50+00.00'PR'

STH 83

R/L STH 83

MATCH LINE 1421+50'ML'

141453

PE

POST

BEGIN PROJECT
STA 1416+00'ML'
Y=149,194.5953
X=644,129.4987
BUTT JOINT REQUIRED

RUINS

RUINS

FLAG

PE

APPROXIMATE EXISTING ROW (TYP)

142028

BRIGHTSPEED - COMMUNICATION LINE

APPROXIMATE PROPERTY LINE (TYP)

VAN BUREN FAMILY
IRREVOCABLE TRUST
ID: GNT 1503996

VAN BUREN FAMILY IRREVOCABLE TRUST
ID: GNT 1503997

HAGIE TRUST
ID: GNT 1503998

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 274	E

BRUCE FLEISCHMANN
ID: GNT 1503985

SQUIRECREST LLC
ID: GNT 1502997

CARLOS BALDERAS
ID: GNT 1502993

WILLIAM L MAYNARD
STEPHANIE C FISCHER
ID: GNT 1503001

ID: GAP

ID: OVERLAP

N

STA 1428+26'ML' - STA 1428+63'ML', LT
REMOVE EXISTING CONC PE
(PAID FOR AS REMOVING CONCRETE SIDEWALK)
REMOVE LANDSCAPING BOULDER
(INCIDENTAL TO DRIVEWAY REMOVAL)
37 LF CONC CURB & GUTTER 4-INCH
SLOPED 36-INCH TYPE D REQ'D

EVERSTREAM - COMMUNICATION LINE

STA 1426+50'ML', LT
REMOVE EXISTING CONC PE
(PAID FOR AS REMOVING CONCRETE SIDEWALK)
REPLACE WITH GRAVEL PE

WE ENERGIES - GAS

PE

5

MATCH LINE 1421+50'ML'

1422'ML' 1423'ML' 1424'ML' N16° 58' 24"W 1425'ML' 1426'ML' 1427'ML' 1428'ML' 1429

STH 83

R/L STH 83

142633

142163

PE

APPROXIMATE EXISTING ROW (TYP)

STA 1428+69'ML'
CULVERT ID 45128
EXISTING 24-INCH RCCP TO REMAIN
CLEANING CULVERT PIPE REQ'D

BRIGHTSPEED - COMMUNICATION LINE

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

APPROXIMATE PROPERTY LINE (TYP)

MICHAEL MCCORMICK
ID: GNT 1503998001

ROGER SANKEY
JUDITH SANKEY
ID: GNT 1502994

RYAN R BINGENHEIMER
SALLY M WOLF
ID: GNT 1501996002

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 275	E

SQUIRECREST LLC
ID: GNT 1502997

JOHN A BOTS
TALEAH GAVERS
ID: GNT 1502015

JASON C RUMOHR
NICHOLE J RUMOHR
ID: GNT 1502014

ID: OVERLAP

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - GAS

143245

PC: 1431+38.17

PI: 1434+67.24'ML'

C1

PI STA = 1434+67.24'ML'
Y = 150,980.4998
X = 643,584.4036
Δ = 18°41'07"
D = 2°51'52"
T = 329.07'
L = 652.30'
R = 2,000.19'
PC STA = 1431+38.17'ML'
PT STA = 1437+90.47'ML'

N

MATCH LINE 1429+00'ML'

5

1429'ML' 1430'ML' N16° 58' 24"W 1431'ML' 1432'ML' 1433'ML' 1434'ML' 1435'ML' 1436'ML'

R/L STH 83

STH 83

C1
STA 1434+51.74'ML'
STA 50+28.63'LD'

N89° 58' 47"E

51'LD'

MATCH LINE 1436+50'ML'

5

APPROXIMATE EXISTING ROW (TYP)

PE

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

BRIGHTSPEED - COMMUNICATION LINE

SPECTRUM - COMMUNICATION LINE

LONDON DR

52'LD'

END CONSTRUCTION
STA 51+56'LD'
BUTT JOINT REQUIRED

APPROXIMATE PROPERTY LINE (TYP)

ID: OVERLAP

ID: OVERLAP

RYAN R BINGENHEIMER
SALLY M WOLF
ID: GNT 1501996002

DAVID M BIANCHI
ERICA M BIANCHI
ID: GNT 1501014

ERIC C WOZNIAK
TERESA J WOZNIAK
ID: GNT 1501001

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 276	E

JASON C RUMOHR
NICHOLE J RUMOHR
ID: GNT 1502014

ROGER ALBRECHT
RENEE ALBRECHT
ID: GNT 1502996

JACOB KONRUFF
ID: GNT 1502006

DEBORAH A STEC
LAURA L THAYER
ID: GNT 1502005

N

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

WE ENERGIES - GAS

PE

PT: 1437+90.47

WE ENERGIES - GAS

MATCH LINE 1436+50'ML'

1437'ML'

1438'ML'

1439'ML'

1440'ML'

N1° 42' 43"E

1441'ML'

1442'ML'

1443'ML'

STH 83

R/L STH 83

MATCH LINE 1444+00'ML'

APPROXIMATE EXISTING ROW (TYP)

BRIGHTSPEED - COMMUNICATION LINE

STA 1443+86
CULVERT ID 23839
EXISTING 24-INCH RCCP TO REMAIN
VEGETATION REMOVAL ENDWALL REQ'D

APPROXIMATE PROPERTY LINE (TYP)

ERIC C WOZNIAK
TERESA J WOZNIAK
ID: GNT 1501001

JOHN M WINKLER
SHARON A WINKLER
ID: GNT 1501993002

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 277	E

RICK HALLADA
TINA HALLADA
ID: GNT 1502004

ADAM M MARTIN
AMY C MARTIN
ID: GNT 1502003

MICHAEL MCBRIDE
ID: GNT 1502002

VINCENT C SCHMITT
LISA M SCHMITT
ID: GNT 1502001

N

C2

PI STA = 1449+57.79'ML'
Y = 152,476.2235
X = 643,629.1082
Δ = 19°32'25"
D = 7°38'22"
T = 129.15'
L = 255.78'
R = 750.00'
PC STA = 1448+28.64'ML'
PT STA = 1450+84.43'ML'

APPROXIMATE PROPERTY LINE (TYP)

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - GAS

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

PC: 1448+28.64

MATCH LINE 1444+00'ML'

'ML'

N1° 42' 43"E

1445'ML'

STA 1445+05.99'ML'
STA 50+00.00'HV'

1446'ML'

N1° 42' 43"E

R/L STH 83

1447'ML'

1448'ML'

STH 83

1449'ML'

1450'ML'

MATCH LINE 1450+75'ML'

PI: 1449+57.79'ML'

APPROXIMATE EXISTING ROW (TYP)

BRIGHTSPEED - COMMUNICATION LINE

S89° 16' 52"E

HARVEST DR

51'HV'

52'HV'

144547

POST

END CONSTRUCTION
STA 51+58'HV'
BUTT JOINT REQUIRED

LOT OWNERS OF THE CONSERVANCY AT GENESEE
ID: GNT 1502051

JOHN M WINKLER
SHARON A WINKLER
ID: GNT 1501993002

NICOLE A SCHIMPF
NICK J SCHIMPF
ID: GNT 1502040

RACHEL WISEMAN
ID: GNT 1502041

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 278	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 05 Plan & Profile\050200_pn (Plan - 50 Scale - Full Sheet).dwg PLOT DATE : 7/14/2025 12:37 PM PLOT BY : SEH LAYOUT NAME : 05 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 44

MATCH LINE 1455+00'ML'

RYAN J WILSON
MARY C ERNSTER
ID: GNT 1475993002

GEORGE DVORAK
ID: GNT 1475007

JASON WALLNER
AMY WALLNER
ID: GNT 1475011

JOHN SCHAEFER
JEANETTE SCHAEFER
ID: GNT 1475010

STA 56+50.00'CH' POT:
Y=152,689.3037
X=643,195.1728

WE ENERGIES - GAS

STA 1454+89'ML', 8.8' RT
CLEAN INLET

STA 1453+26'ML', 30.0' LT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

BRIGHTSPEED - COMMUNICATION LINE

APPROXIMATE PROPERTY LINE (TYP)

N85° 59' 01"E
57'CH'

CTH E (W TOMLIN RD)

C22

58'CH'

PC: 1453+61.54'ML'

STH 83

PI STA 59+22.28'CH'
Δ = 4°24'42.2" RT
Y = 152763.2425
X = 643454.8708

R/L STH 83

WISDOT - LIGHTING

N67° 03' 55"E 59'CH'

PI: 57+52.11'CH'

END CONSTRUCTION
STA 63+16'CH'
BUTT JOINT REQUIRED

BEGIN CONSTRUCTION
STA 58+14'CH'
BUTT JOINT REQUIRED

N71° 28' 37"E

PI STA 1452+87.81'ML'
Δ = 10°45'12.1" LT
Y = 152788.0217
X = 643528.8302

N28° 34' 54"W

1453'ML'

60'CH'

N63° 35' 40"E

PI STA 61+49.56'CH'
Δ = 10°27'11.6" LT
Y = 152854.4075
X = 643662.5299

STA 1452+82.81'ML
STA 60+00.28'CH'

N17° 49' 42"W

61'CH'

STA 1452+45'ML', 36.0' LT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

PI STA 64+23.84'CH'
Δ = 3°37'24.3" LT
Y = 153018.9366
X = 643881.9902

62'CH'

N53° 08' 28"E

63'CH'

64'CH'

N49° 31' 04"E

CTH DE (SUNSET DR)

EVERSTREAM - COMMUNICATION LINE

VINCENT C SCHMITT
LISA M SCHMITT
ID: GNT 1502001

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

STA 64+75.00'CH' POT:
Y=153,052.1481
X=643,920.9002

APPROXIMATE EXISTING ROW(TYP)

PE

AT&T LEGACY - COMMUNICATION LINE

1452'ML'

STH 83

PT: 1450+84.43

1451'ML'

BRIGHTSPEED - COMMUNICATION LINE

MATCH LINE 1450+75'ML'

LOT OWNERS OF THE
CONSERVANCY AT GENESEE
ID: GNT 1502051

FRED VITALE
CHRISTINE VITALE
ID: GNT 1475998002

C22

PI STA =	57+52.11'CH'
Y =	152,696.4556
X =	643,297.0309
Δ =	18°55'06"
D =	14°19'26"
T =	66.64'
L =	132.07'
R =	400.00'
PC STA =	56+85.47'CH'
PT STA =	58+17.54'CH'

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 279	E

RYAN J WILSON
MARY C ERNSTER
ID: GNT 1475993002

GEORGE DVORAK
ID: GNT 1475007

ROBERT MERKT
TONYA MERKT
ID: GNT 1475006

C3

PI STA = 1455+04.03'ML'
Y = 152,982.2832
X = 643,422.9955
Δ = 16°35'01"
D = 7°23'33"
T = 112.95'
L = 224.33'
R = 775.05'
PC STA = 1453+91.07'ML'
PT STA = 1456+15.40'ML'

APPROXIMATE PROPERTY LINE (TYP)

N

WE ENERGIES - GAS

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - ELECTRICITY

RIPRAP

PE PE

PT: 1456+15.40

PI STA 1458+56.27'ML'
Δ = 0°00'00.3" RT
Y = 153231.7504
X = 643172.0841

MATCH LINE 1455+00'ML'

1455'ML'

C3

1456'ML'

1457'ML'

N45° 09' 55.3"W

1458'ML'

1459'ML'

N45° 09' 55.0"W

1460'ML'

1461'ML'

1462'ML'

MATCH LINE 1462+50'ML'

STH 83

R/L STH 83

PI: 1455+04.03'ML'

APPROXIMATE EXISTING ROW (TYP)

146002

BRIGHTSPEED - COMMUNICATION LINE

TIMOTHY BOOKS
KATHLEEN BOOKS
ID: GNT 1475012

JAMES M SCHWEDA
JEAN A SCHWEDA
ID: GNT 1475013

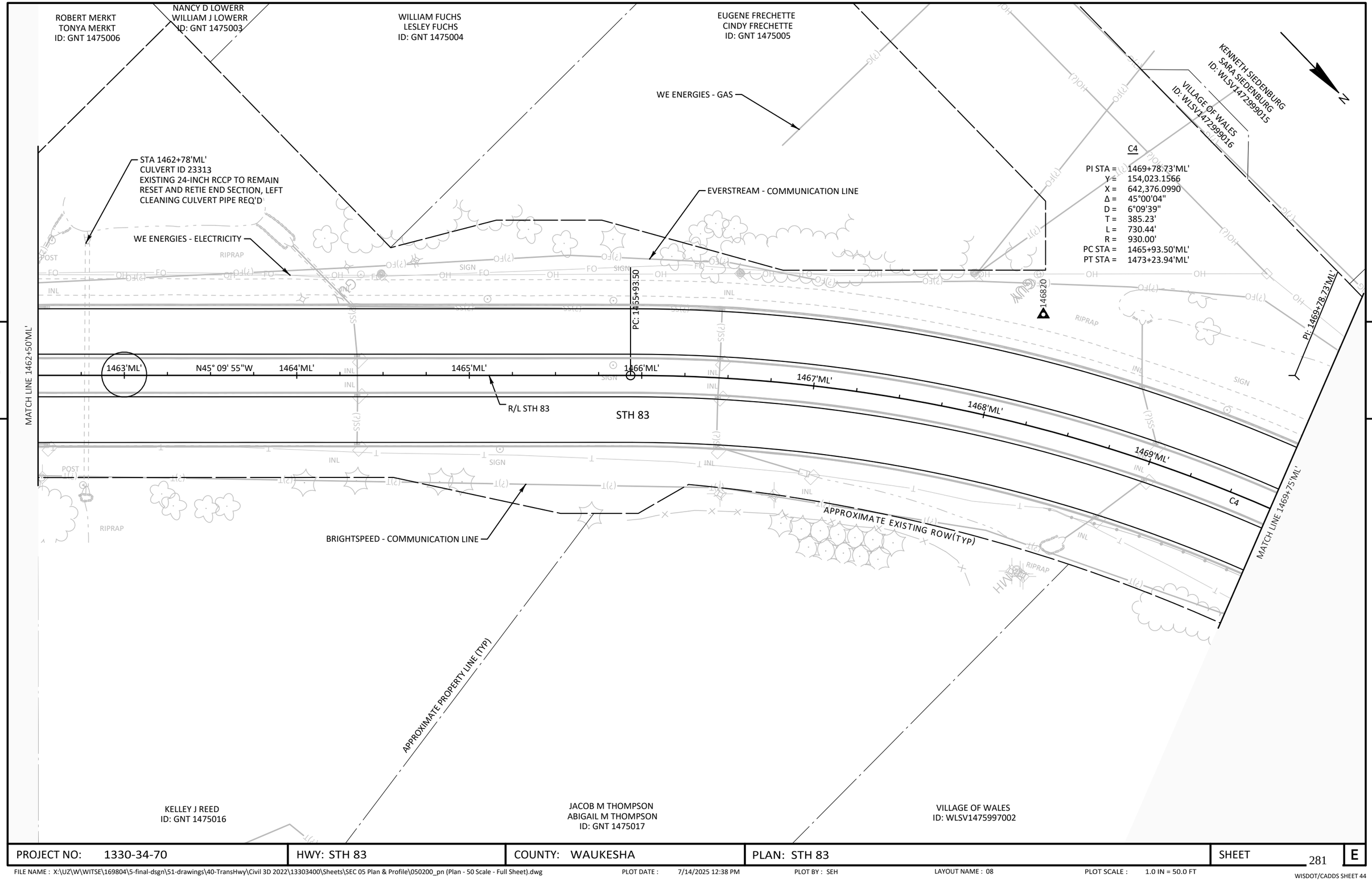
ROBERT BECKERS JR
AMY BECKERS
ID: GNT 1475014

PETER K CHASE
MARCIA A CHASE
ID: GNT 1475015

5

5

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 280	E



PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 281	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 05 Plan & Profile\050200_pn (Plan - 50 Scale - Full Sheet).dwg PLOT DATE : 7/14/2025 12:38 PM PLOT BY : SEH LAYOUT NAME : 08 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 44

JEFFREY A LAFRATTA
ID: WLSV1472065

TOMMY LEE
ID: WLSV1472066

BRIAN BORTH
FABIANA BORTH
ID: WLSV1472059

C31

PI STA = 47+41.64'PC'
Y = 154,515.1214
X = 642,092.0038
Δ = 66°00'00"
D = 26°34'39"
T = 140.00'
L = 248.33'
R = 215.58'
PC STA = 46+01.64'PC'
PT STA = 48+49.97'PC'

APPROXIMATE PROPERTY LINE (TYP)

PI: 47+41.64'PC'

BEGIN CONSTRUCTION
STA 48+10'PC'
BUTT JOINT REQUIRED

48'PC'

49'PC'

PORT HAMEL CT

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - GAS

PT: 1473+23.94

S89° 20' 54"E

1470'ML'
1471'ML'
1472'ML'
1473'ML'
1474'ML'
1475'ML'
1476'ML'
1477'ML'

N0° 09' 51"W

R/L STH 83

STH 83

STA 1474+27.46'ML'
STA 49+92.69'PC'

MATCH LINE 1469+75'ML'

MATCH LINE 1477+00'ML'

APPROXIMATE EXISTING ROW(TYP)

BRIGHTSPEED - COMMUNICATION LINE

SPECTRUM - COMMUNICATION LINE

AT&T LEGACY - COMMUNICATION LINE

VILLAGE OF WALES
TOWN OF GENESEE
ID: WLSV1475992002

VILLAGE OF WALES
ID: WLSV1475997002

5

5

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 282	E

KATHLEEN QUEISSER
ID: WLSV1472999007

JAMES KUMMER
CINDY KUMMER
ID: WLSV1472999006

JOSPEH P MCHUGH
ID: WLSV1472999020

WILLMS REVOCABLE TRUST
ID: WLSV1469114

APPROXIMATE PROPERTY LINE (TYP)

ERIK IHN
DEBORAH L IHN
ID: WLSV1472999019

N

BEGIN CONSTRUCTION
STA 46+49'BR'
BUTT JOINT REQUIRED

47'BR'

48'BR'

W BRANDYBROOK RD

N85° 10' 47.1"E

49'BR'

W BRANDYBROOK RD

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

EVERSTREAM - COMMUNICATION LINE

AT&T LEGACY - COMMUNICATION LINE

WE ENERGIES - GAS

PE

CAUTION

VILLAGE OF WALES - LIGHTING

'ML' 1478'ML' N0° 09' 51"W 1479'ML' 1480'ML' 1481'ML' 1482'ML' 1483'ML' N0° 09' 51"W 1484'ML'

PC: 1483+79.82

MATCH LINE 1477+00'ML'

MATCH LINE 1484+50'ML'

R/L STH 83

STA 1482+62.87'ML'
STA 49+80.71'BR'

STH 83

R-67-104 TO REMAIN
(NO WORK)

148148

147746

PE

APPROXIMATE EXISTING ROW (TYP)

BRIGHTSPEED - COMMUNICATION LINE

BWK-0003 (JERUSALEM UNITED PRESBYTERIAN CEMETERY) - CATALOGUED

GENESEE WELSH CEMETERY ASSOC
ID: WLSV1474986

VILLAGE OF WALES
TOWN OF GENESEE
ID: WLSV1475992002

5

5

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 283	E

WILLMS REVOCABLE TRUST
ID: WLSV1469114

WALES CEMETERY ASSOCIATION
ID: WLSV1469996

GENESEE WELSH CEMETERY ASSOCIATION
ID: WLSV1469995

N

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

APPROXIMATE PROPERTY LINE (TYP)

BWK-0004 (SALEM CEMETERY) -
UN-CATALOGUED

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - GAS

PE

PI: 1485+63.20'ML'

PT: 487+46.25

BWK-0004 (SALEM CEMETERY) -
CATALOGUED

PE

APPROXIMATE EXISTING ROW (TYP)

PC: 490+54.04

MATCH LINE 1484+50'ML'

STA 1486+04.64'ML'
STA 49+82.58'BB'

1485'ML'

1486'ML'

1487'ML'

1488'ML'

1489'ML'

1490'ML'

1491'ML'

C5

50'BB'

N5° 50' 04"E

R/L STH 83

STH 83

VILLAGE OF WALES - LIGHTING

BWK-0003 (JERUSALEM UNITED
PRESBYTERIAN CEMETERY) -
CATALOGUED

STA 1485+92'ML', 41.0' RT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

N63° 40' 06"E

51'BB'

S BRANDYBROOK RD

CAUTION

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

END CONSTRUCTION
STA 51+63'BB'
BUTT JOINT REQUIRED

STA 1488+00'ML', 4.0' RT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

MATCH LINE 1492+00'ML'

1487+13

BRIGHTSPEED - COMMUNICATION LINE

BWK-0003 (JERUSALEM UNITED
PRESBYTERIAN CEMETERY) -
UN-CATALOGUED

52'BB'

53'BB'

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE

C5

PI STA = 1485+63.20'ML'
Y = 155,647.6417
X = 642,371.4480
Δ = 5°59'55"
D = 1°38'13"
T = 183.38'
L = 366.43'
R = 3,500.00'
PC STA = 1483+79.82'ML'
PT STA = 1487+46.25'ML'

GENESEE WELSH CEMETERY ASSOC
ID: WLSV1474986

WALES CEMETERY ASSOCIATION
ID: WLSV1474985004

5

5

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 284	E

GENESEE WELSH CEMETERY ASSOCIATION
ID: WLSV1469995

N

C6

PI STA = 1492+81.91'ML'
Y = 156,362.9621
X = 642,444.5422
Δ = 5°13'08"
D = 1°08'45"
T = 227.87'
L = 455.42'
R = 5,000.00'
PC STA = 1490+54.04'ML'
PT STA = 1495+09.47'ML'

EVERSTREAM - COMMUNICATION LINE

BWK-0004 (SALEM CEMETERY) - CATALOGUED

APPROXIMATE EXISTING ROW (TYP)

STA 1493+75'ML', 38.9' LT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

STA 1493+95'ML', 39.2' LT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

PT: 1495+09.47

PC: 1496+89.91

PT: 1499+19.29

STA 1495+48'ML', LT
MEDIAN MAINTENANCE
CURB CUT REQUIRED

MATCH LINE 1492+00'ML'

MATCH LINE 1499+50'ML'

C6 1493'ML' 1494'ML' 1495'ML' 1496'ML' 1497'ML' 1498'ML' 1499'ML'

N0° 36' 57"E

C7

N1° 15' 43"W

STA 1493+75'ML', 1.8' LT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

STH 83 (S WALES RD)

PI: 1492+81.91'ML'

PI: 1498+04.61'ML'

149424

BRIGHTSPEED - COMMUNICATION LINE

WE ENERGIES - GAS

PE

STA 1499+00'ML', 40.5' RT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

BWK-0003 (JERUSALEM UNITED PRESBYTERIAN CEMETERY) - UN-CATALOGUED

APPROXIMATE PROPERTY LINE (TYP)

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

C7

PI STA = 1498+04.61'ML'
Y = 156,885.9485
X = 642,450.1625
Δ = 1°52'39"
D = 0°49'07"
T = 114.70'
L = 229.38'
R = 7,000.00'
PC STA = 1496+89.91'ML'
PT STA = 1499+19.29'ML'

WALES CEMETERY ASSOCIATION
ID: WLSV1474985004

RICHARD AND MARION DAVIES LIVING TRUST
ID: WLSV1474989

JOHN L VANCASTER
MARION K VANCASTER
ID: WLSV1474001

FLAG

5

5

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 285	E

ANTHONY J COTTRILL
ID: WLSV1469001002

NOAH J BLEDSTEIN
NATALIE C BLEDSTEIN
ID: WLSV1469001001

JASON W MATYSZCZYK
ID: WLSV1469998

CHAD AYERS
KELLY AYERS
ID: WLSV1469121

N

APPROXIMATE PROPERTY LINE (TYP)

S WELSH RD

49'WR'

BEGIN CONSTRUCTION
STA 49+43'WR'
BUTT JOINT REQUIRED

SPECTRUM - COMMUNICATION LINE

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - GAS

APPROXIMATE EXISTING ROW (TYP)

PE

N89° 10' 12"E 50'WR'

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

STA 1504+80'ML', LT
MEDIAN MAINTENANCE
CURB CUT REQUIRED

VILLAGE OF WALES -
LIGHTING

MATCH LINE 1499+50'ML'

STA 1500+28.03'ML'
STA 50+33.96'WR'

1500'ML'

1501'ML'

1502'ML'

N1° 15' 43"W

1503'ML'

1504'ML'

1505'ML'

1506'ML'

1507'ML'

MATCH LINE 1507+00'ML'

STA 1500+12.46'ML'
STA 50+34.46'RW'

N1° 15' 43"W

S89° 21' 25"E

PC: 50+60.16

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

STH 83 (S WALES RD)

CAUTION

51'RW'

STA 1500+75'ML', 40.6' RT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

STA 1501+98'ML', 40.9' RT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

BRIGHTSPEED - COMMUNICATION LINE

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

R-67-103 TO REMAIN
(NO WORK)

WE ENERGIES - GAS

150058

END CONSTRUCTION
STA 51+27'RW'
BUTT JOINT REQUIRED

E WELSH RD

52'RW'

C41

PI STA =	52+64.11'RW'
Y =	157,091.1838
X =	642,675.2212
Δ =	54°03'20"
D =	14°19'53"
T =	203.95'
L =	377.18'
R =	399.79'
PC STA =	50+60.16'RW'
PT STA =	54+37.34'RW'

PE

PE

JOHN L VANCASTER
MARION K VANCASTER
ID: WLSV1474001

STEVEN L HINTZ
ID: WLSV1474021

BENJAMIN GALLO
KAELI GALLO
ID: WLSV1474022

PATRICIA J EMMONS
ID: WLSV1474023

MARY K TAVULARES
ID: WLSV1474024

GAIL R GOODCHILD
RANDY M GOODCHILD
ID: WLSV1474025

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 286	E

5

5

MATCH LINE 1507+00'ML'

MATCH LINE 1514+50'ML'

ANTHONY M SCRIMA
ID: WLSV1469123

RAJA A AYLSWORTH
JODI G AYLSWORTH
ID: WLSV1469122

EARL M SMITH
BRENDA L SMITH
ID: WLSV1469116

PINE HOLLOW COURT
ID: WLSV1460987

GARY L & PATRICIA A BEAULIEU
REVOCABLE LIV TRUST
ID: WLSV1460076

N

SEPTIC

POST

SEPTIC

BENTON CT

S89° 30' 04"E 49'BT'

BEGIN CONSTRUCTION
STA 49+41'BT'
BUTT JOINT REQUIRED

EVERSTREAM - COMMUNICATION LINE

R-67-102 TO REMAIN
(NO WORK)

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

PE

PC: 1508+27.37

PI: 1509+42.63'ML'

PT: 1510+57.87'ML'

STH 83 (S WALES RD)

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

STA 1510+75.97'ML'
STA 50+00.00'BT'

VILLAGE OF WALES - LIGHTING

STA 1512+75'ML', LT
MEDIAN MAINTENANCE
CURB CUT REQUIRED

R/L STH 83

'ML'

N1° 15' 43"W

1508'ML'

1509'ML'

1510'ML'

1511'ML'

N0° 29' 57"E

1512'ML'

1513'ML'

1514'ML'

C8

N0° 29' 57"E

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

STA 1510+75.78'ML'
STA 50+01.75'ST'

STH 83 (S WALES RD)

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

N89° 58' 31"E

APPROXIMATE EXISTING ROW (TYP)

CAUTION

TLE (TYP)

PE

WE ENERGIES - GAS

BRIGHTSPEED - COMMUNICATION LINE

W SOUTH ST

51'ST'

52'ST'

END CONSTRUCTION
STA 50+67'ST'
BUTT JOINT REQUIRED

APPROXIMATE PROPERTY LINE (TYP)

C8

PI STA = 1509+42.63'ML'
Y = 158,023.7102
X = 642,425.1016
Δ = 1°45'39"
D = 0°45'50"
T = 115.26'
L = 230.50'
R = 7,500.00'
PC STA = 1508+27.37'ML'
PT STA = 1510+57.87'ML'

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

JENNIFER BOLTZ
KYLE BOLTZ
ID: WLSV1474026

STEVEN W NIEDERDORFER
ID: WLSV1455969

CHARLOTTE L MORRIS
ID: WLSV1455970

JEFFREY PENNINGTON
SANDRA PENNINGTON
ID: WLSV1455971

CKC PROPERTIES LLC
ID: WLSV1455972

RICHARD KUNSTMANN
ROSALIE KUNSTMANN
ID: WLSV1455973

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 287	E

ROBERT F AND JEAN M
REUSS REVOCABLE TRUST
ID: WLSV1460077

GARY L & PATRICIA A BEAULIEU
REVOCABLE LIV TRUST
ID: WLSV1460076

EUGENE H GRONEWOLD
TAMMIE J GRONEWOLD
ID: WLSV1460075

CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
ID: WLSV1460109

N

CRIGLAS RD

50'CR'

51'CR'

52'CR'

53'CR'

54'CR'

S87° 07' 37"E 488'

S87° 35' 56"E

PE

BEGIN CONSTRUCTION
STA 50+84'CR'
BUTT JOINT REQUIRED

APPROXIMATE EXISTING ROW (TYP)

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

STA 1519+85'ML', LT
BUSINESS ACCESS
BUTT JOINT REQUIRED

TLE (TYP)

151470

152028

SEPTIC

A/C

W

MH

SIGN

POST

INL

(?)SS

(?)G

(?)T

(?)O/H

(?)FO

(?)W

STH 83 (S WALES RD)

MATCH LINE 1514+50'ML'

MATCH LINE 1522+00'ML'

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

STA 1515+88.03'ML'
STA 52+25.97'CR'

PI STA 52+29.34'CR'
Δ = 0°31'41.0" RT
Y = 158668.9900
X = 642434.0910

VILLAGE OF WALES - LIGHTING

CAUTION

1515'ML'

1516'ML'

1517'ML'

1518'ML'

1519'ML'

1520'ML'

1521'ML'

1522

N0° 29' 57"E

N1° 09' 16"E

R/L STH 83

STA 1519+82.74'ML'
STA 49+92.69'MT'

PI STA 1519+85.75'ML'
Δ = 0°39'19.2" RT
Y = 159066.8090
X = 642434.1870

S89° 24' 18"E

W MAIN ST

51'MT'

52'MT'

STA 1515+20'ML', 41.0' RT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

BRIGHTSPEED - COMMUNICATION LINE

WE ENERGIES - GAS

END CONSTRUCTION
STA 53+53'CR'
BUTT JOINT REQUIRED

END CONSTRUCTION
STA 50+67'RW'
BUTT JOINT REQUIRED

APPROXIMATE PROPERTY LINE (TYP)

WENDY MILLS
ID: WLSV1455974

ANDRAES MIER
NICOLE LYNN MIER
ID: WLSV1455975

LYNDA STONE
MICHAEL STONE
ID: WLSV1455976

HARRIS DEVELOPMENT GROUP LLC
ID: WLSV1455995

KOLLEEN JACHIM
ID: WLSV1455994

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 288	E

CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
ID: WLSV1460109

ERSA HOLDINGS LLC
ID: WLSV1460990

JACQUES HOEFFLEUR
ID: WLSV1460116

QING GUO SHI
ID: WLSV1460088

C51

PI STA = 47+61.69'CC'
Y = 159,865.4383
X = 642,208.6518
Δ = 42°59'04"
D = 22°35'04"
T = 99.89'
L = 190.33'
R = 253.70'
PC STA = 46+61.79'CC'
PT STA = 48+52.12'CC'

PI: 47+61.69'CC'

PT: 48+52.12

49'CC'

CYMRIC CT

STA 1522+66'ML', LT
CULVERT ID 43317
EXISTING 24-INCH RCCP TO REMAIN
VEGETATION REMOVAL ENDWALL REQ'D

STA 1523+43'ML', LT
CULVER ID N/A
EXISTING 19X30-INCH RCCP TO REMAIN
CLEANING CULVERT PIPE REQ'D

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

BEGIN CONSTRUCTION
STA 49+25'CC'
BUTT JOINT REQUIRED

APPROXIMATE EXISTING ROW (TYP)

STA 1524+40'ML', RT
MEDIAN MAINTENANCE
CURB CUT REQUIRED

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

VILLAGE OF WALES - LIGHTING

MATCH LINE 1522+00'ML'

'ML'
1523'ML'
1524'ML'
1525'ML'
1526'ML'
1527'ML'
1528'ML'
1529'ML'

N1° 09' 16"E

S88° 55' 42"E

R/L STH 83

STA 1527+80.02'ML'
STA 49+93.81'CC'

PROPOSED WIDTH
35 FEET

STH 83 (S WALES RD)

MATCH LINE 1529+50'ML'

WE ENERGIES - GAS

STA 1524'ML'+42, RT
REDUCE EXISTING CONC CE WIDTH
(SEE PLAN CONSTRUCTION DETAIL)

CE

BRIGHTSPEED - COMMUNICATION LINE

APPROXIMATE PROPERTY LINE (TYP)

STA 1526'ML'+61, RT
REDUCE EXISTING CONC CE WIDTH
(SEE PLAN CONSTRUCTION DETAIL)

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

STA 1527'ML'+89, RT
REDUCE EXISTING CONC CE WIDTH
(SEE PLAN CONSTRUCTION DETAIL)

STA 1528'ML'+99, RT
REDUCE EXISTING CONC CE WIDTH
(SEE PLAN CONSTRUCTION DETAIL)

WE ENERGIES - ELECTRICTY

WALES LAWN & GARDEN INC
ID: WLSV1455997001

MARK C PHILLIPS
ID: WLSV1455999005

KIMS REAL ESTATE LLC
ID: WLSV1455999004

WISCONSIN ELECTRIC POWER COMPANY
ID: WLSV1455996001

FILLER CAP

CANOPY

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 289	E

QING GUO SHI
ID: WLSV1460088

AT&T LEGACY - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE
PAETEC COM LLC - COMMUNICATION LINE

EXCHANGERIGHT NET LEASED PORTFOLIO 28 DST
ID: WLSV1457989004

N

GLACIAL DRUMLIN TRAIL

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE

R-67-107 TO REMAIN
(NO WORK)

B-67-317 TO REMAIN
SEE STRUCTURE PLANS

5

5

MATCH LINE 1529+50'ML'

BEGIN APPROACH SLAB
STA 1531+07'ML'
BUTT JOINT REQUIRED

END APPROACH SLAB
STA 1532+56'ML'
BUTT JOINT REQUIRED

PC: 1533+45.59

PI: 1534+86.96'ML'

PT: 1536+28.12

R/L STH 83

VILLAGE OF WALES -
LIGHTING

1530'ML'
1531'ML'
N1° 09' 16"E
1532'ML'
1533'ML'
1534'ML'
1535'ML'
C9
1536'ML'
N6° 31' 44"E
1537'ML'

MATCH LINE 1537+00'ML'

BEGIN APPROACH SLAB
STA 1530+70'ML'
BUTT JOINT REQUIRED

END APPROACH SLAB
STA 1532+23'ML'
BUTT JOINT REQUIRED

STH 83 (S WALES RD)

153267

B-67-329 TO REMAIN
SEE STRUCTURE PLANS

CLEAN, TACK COAT AND HMA
WEDGE EXISTING CONCRETE GUTTER
(INCIDENTAL TO HMA ITEMS)

APPROXIMATE EXISTING ROW (TYP)

BRIGHTSPEED - COMMUNICATION LINE

APPROXIMATE PROPERTY LINE (TYP)

C9

PI STA =	1534+86.96'ML'
Y =	160,567.7112
X =	642,464.4307
Δ =	5°22'28"
D =	1°54'08"
T =	141.37'
L =	282.54'
R =	3,012.00'
PC STA =	1533+45.59'ML'
PT STA =	1536+28.12'ML'

LOT OWNERS OF
LINCOLNSHIRE PLACE
ID: WLSV1455090

LINCOLNSHIRE PLACE I LLC
ID: WLSV1455086

LINCOLNSHIRE PLACE I LLC
ID: WLSV1455087

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 290	E

BENCH MARKS				
NAME	STATION	OFFSET	DESCRIPTION	ELEVATION
154293	1542+93.11'ML'	1.74'RT	CUT X EMH RIM	988.008

KT REAL ESTATE HOLDINGS LLC
ID: WLSV1457989003

APPROXIMATE PROPERTY LINE (TYP)

C10
PI STA = 1539+12.46'ML'
Y = 160,990.6632
X = 642,512.8362
Δ = 12°02'06"
D = 7°03'22"
T = 85.60'
L = 170.56'
R = 812.00'
PC STA = 1538+26.87'ML'
PT STA = 1539+97.43'ML'

153868

STA 78+11 'SA', RT
CULVERT ID N/A
EXISTING 12-INCH RCCP TO REMAIN
CLEANING STORM SEWER OUTFALL REQ'D

AT&T WISCONSIN -
COMMUNICATION LINE

STA 1541+00'ML', LT
CULVERT ID 7982
EXISTING 34X53-INCH RCCP TO REMAIN
CLEANING STORM SEWER OUTFALL REQ'D

COMMERCIAL ACCESS
BUTT JOINT REQUIRED

CE

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE
PAETEC COM LLC - COMMUNICATION LINE

WE ENERGIES - GAS

VILLAGE OF WALES - SEWER

FILLER CAP

USH 18 (W SUMMIT AV)

78'SA'

N64° 13' 39"E

PI STA 78+89.01 SA'
Δ = 22°02'02.7" RT
Y = 161279.9539
X = 642364.8615

MATCH LINE 77+00'SA'

NBA WALES LLC
ID: WLSV1457996003

TOWN BANK
ID: WLSV145799600.

N

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE

CAUTION

FLAG

SIGN

USH 18 (W SUMMIT AV)

PC: 1538+26.87

PT: 1539+97.43

VILLAGE OF WALES - LIGHTING

R/L STH 83

MATCH LINE 1537+00'ML'

'ML'

N6° 31' 44"E

1538'ML'

1539'ML' C10

N5° 30' 22"W

1541'ML'

1540'ML'

STH 83 (S WALES RD)

PI: 1539+17.46'ML'

PE

CE

BRIGHTSPEED - COMMUNICATION LINE

LOT OWNERS OF
LINCOLNSHIRE PLACE
ID: WLSV1455090

SEDLOCK FAMILY TRUST DATED JANUARY 19 2004
ID: WLSV1454997

STA 1541+02'ML', 35.8' RT
ADJUSTING INLET COVERS REQ'D

PI STA 80+08.60'SA'
Δ = 6°22'18.3" LT
Y = 161287.7513
X = 642484.1979

N86° 15' 42"E

STA 1542+10.30'ML'
STA 80+08.60'SA'

STA 1542+55'ML', 11.3' RT
REPAIR AND REGROUT
STRUCTURE PIPE HOLES

1542'ML'

N1° 36' 35"W

1543'ML'

154293

N79° 53' 24"E

PI STA 1542+10.30'ML'
Δ = 3°53'46.6" RT
Y = 161287.7513
X = 642484.1979

STH 83 (S WALES RD)

N10° 19' 55"W

1544'ML'

R/L STH 83

PI STA 1543+18.79'ML'
Δ = 8°43'19.9" LT
Y = 161396.2000
X = 642481.1500

MATCH LINE 1544+50'ML'

KETTLE MORAINE SCHOOL DISTRICT -
COMMUNICATION LINE

WAUKESHA COUNTY
DEPT OF PUBLIC WORKS
ID: WLSV1454975

USH 18 (W SUMMIT AV)

81'SA'

PI STA 81+42.50'SA'
Δ = 20°51'04.6" LT
Y = 161311.2559
X = 642616.0180

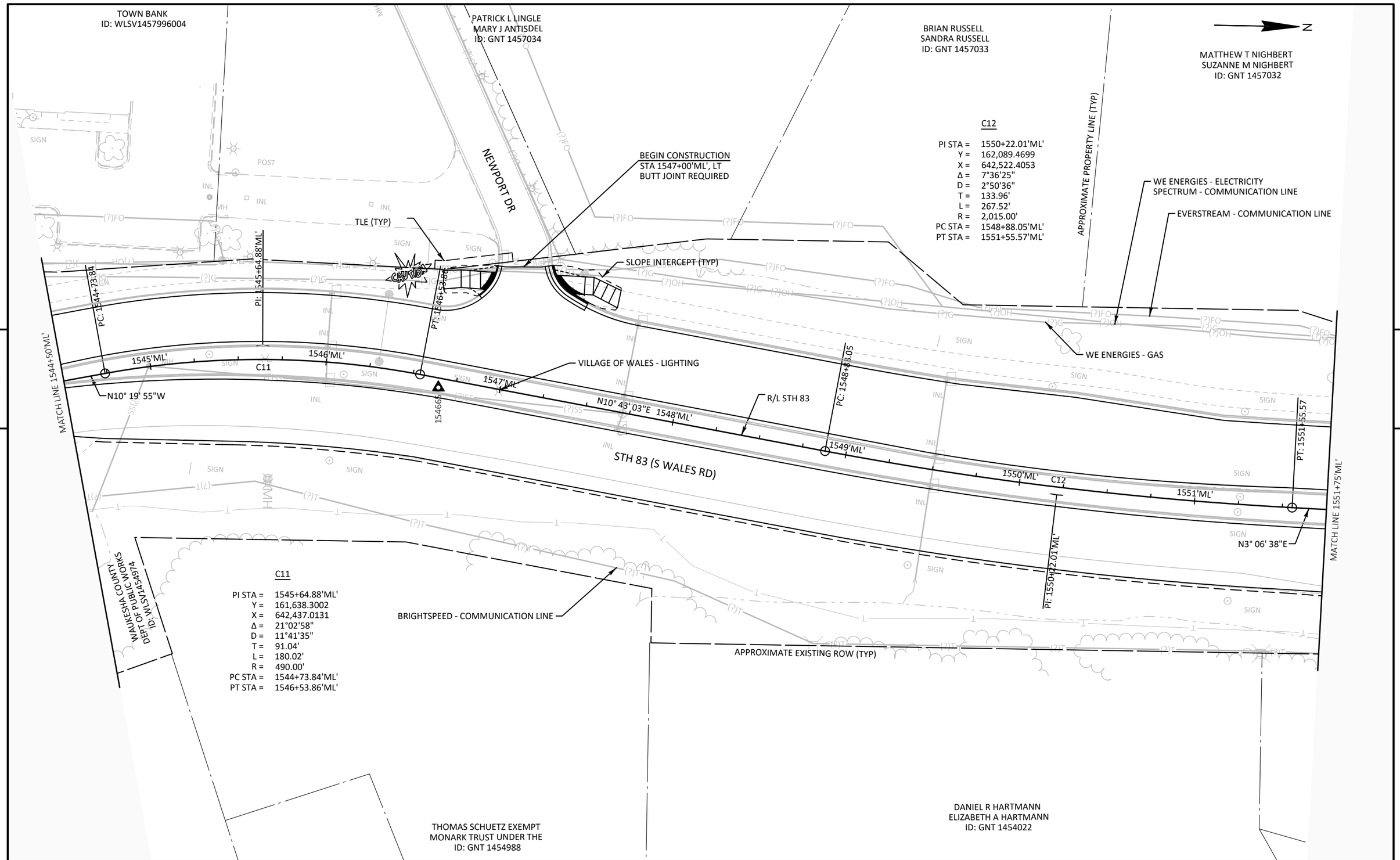
MARINE BANK WEST
ID: WLSV1454997001

MATCH LINE 81+65'SA'

5

5

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 291	E



C12

PI STA =	1550+22.01'ML'
Y =	162,089.4699
X =	642,522.4053
Δ =	7°36'25"
D =	2°50'36"
T =	133.96'
L =	267.52'
R =	2,015.00'
PC STA =	1548+88.05'ML'
PT STA =	1551+55.57'ML'

C11

PI STA =	1545+64.88'ML'
Y =	161,638.3002
X =	642,437.0131
Δ =	21°02'58"
D =	11°41'35"
T =	91.04'
L =	180.02'
R =	490.00'
PC STA =	1544+73.84'ML'
PT STA =	1546+53.86'ML'

5

5

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 292	E

JESSICA L NELSON
BURKE M NELSON
ID: GNT 1457030

TIMOTHY G SCHWARZ
SARAH M MUNZ
ID: GNT 1457002

N

APPROXIMATE PROPERTY LINE (TYP)

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - GAS

APPROXIMATE EXISTING ROW (TYP)

HIGH MEADOW CIR

48'HM'

49'HM'

50'HM'

51'HM'

PE

PT: 48+63.37

BEGIN CONSTRUCTION
STA 49+14'HM'
BUTT JOINT REQUIRED

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE

SLOPE INTERCEPT (TYP)

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

PC: 1557+44.59

MATCH LINE 1551+75'ML'

STH 83 (S WALES RD)

1552'ML'

1553'ML'

1554'ML'

1555'ML'

1556'ML'

1557'ML'

1558'ML'

MATCH LINE 1559+00'ML'

STA 1555+55.45'ML'
STA 50+41.72'HM'

S89° 02' 06"E

N3° 06' 38"E

R/L STH 83

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

BRIGHTSPEED - COMMUNICATION LINE

155353

36

PC: 51+38.37

PE

PI: 51+84.64'HM'

C72

PI STA =	51+84.64'HM'
Y =	162,620.1157
X =	642,694.2746
Δ =	20°58'20"
D =	22°55'06"
T =	46.27'
L =	91.51'
R =	250.00'
PC STA =	51+38.37'HM'
PT STA =	52+29.88'HM'

END CONSTRUCTION
STA 52+03'HM'
BUTT JOINT REQUIRED

PT: 52+29.88

S68° 03' 46"E

THOMAS F PUTZ
CARLI E PUTZ
ID: GNT 1454024

ALLEN AUSPRUNG
BECKY AUSPRUNG
ID: GNT 1454001

SLAB

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 293 E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 05 Plan & Profile\050200_pn (Plan - 50 Scale - Full Sheet).dwg PLOT DATE : 7/14/2025 12:40 PM PLOT BY : SEH LAYOUT NAME : 20 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 44

ELIZABETH A NEITZEL
ID: GNT 1457001

STATE OF WISCONSIN
ID: GNT 1457992

LSF10 MASTER PARTICIPATION TRUST
ID: DELT0848991

WAUKESHA COUNTY
PARKS & LAND USE
ID: DELT0851999

BOYS SCHOOL RD

BEGIN CONSTRUCTION
STA 48+92'BS'
BUTT JOINT REQUIRED

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

49'BS

S76° 42' 42"E

PI: 1560+46.71'ML'

1560'ML'

C13

STA 1560+11.79'ML'
STA 50+00.00'BS'

ASPHALTIC REPAIR REQ'D

1561'ML'

1562'ML'

R/L STH 83

1563'ML'

PT: 1563+46.41

1564'ML'
N15° 38' 57"E

STH 83 (S WALES RD)

SLOPE INTERCEPT (TYP)

BRIGHTSPEED - COMMUNICATION LINE

APPROXIMATE EXISTING ROW (TYP)

APPROXIMATE PROPERTY LINE (TYP)

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - GAS

PE

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

156581

1565'ML'

STA 1565+14.01'ML'
STA 50+02.56'GP'

N15° 38' 57"E 1566'ML'

S72° 52' 03"E

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

REMOVE EXISTING CURB
RAMP AND DO NOT REPLACE

PC: 50+62.08

51'GP

SPECTRUM - COMMUNICATION LINE

END CONSTRUCTION
STA 51+28'GP'
BUTT JOINT REQUIRED

MATCH LINE 1556+50'ML'

MATCH LINE 1559+00'ML'

156961

C13

PI STA =	1560+46.71'ML'
Y =	163,113.0541
X =	642,578.0297
Δ =	12°32'19"
D =	2°05'01"
T =	302.11'
L =	601.82'
R =	2,750.00'
PC STA =	1557+44.59'ML'
PT STA =	1563+46.41'ML'

C81

PI STA =	52+27.69'GP'
Y =	163,499.0375
X =	642,919.8715
Δ =	35°29'42"
D =	11°04'23"
T =	165.61'
L =	320.55'
R =	517.43'
PC STA =	50+62.08'GP'
PT STA =	53+82.63'GP'

PARCEL #12:
CONTRACTOR TO NOT
DAMAGE EXISTING TREE

GLACIER PASS (S)

C81

EVELYN M SCHULTZ REVOCABLE LIVING TRUST
ID: GNT 1454003

NICOLE C TANNER
JOSHUA D TANNER
ID: GNT 1454004

JOHN P KOHLMAN
ANDREA M KOHLMAN
ID: DELT0851035

ROCKY W JAMES
ID: DELT0851034

5

5

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 294	E

WAUKESHA COUNTY
PARKS & LAND USE
ID: DELT0851999

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE

EVERSTREAM - COMMUNICATION LINE

APPROXIMATE EXISTING ROW (TYP)

STA 1569+06'ML'
CULVERT ID 8011
EXISTING 24-INCH RCCP TO REMAIN
VEGETATION REMOVAL ENDWALL REQ'D

WE ENERGIES - GAS

PI STA 1570+16.78'ML'
Δ = 1°29'13.4" RT
Y = 164049.4898
X = 642840.3560

R/L STH 83

1567'ML' N15° 38' 57"E 1568'ML' 1569'ML' 1570'ML' 1571'ML' 1572'ML' N17° 08' 11"E 1573'ML' 1574

MATCH LINE 1566+50'ML'

MATCH LINE 1574+00'ML'

STH 83 (S WALES RD)

SAWING ASPHALT REQ'D

ASPHALTIC REPAIR REQ'D

STORM SEWER PIPE REPLACEMENT AREA
SEE STORM SEWER DETAILS FOR MORE INFORMATION
REMOVE EXISTING PAVEMENT, INLET, AND PIPE
REPLACE INLET AND PIPE AND SALVAGE EXISTING INLET COVER
PLACE BASE AGGREGATE DENSE 1 1/4-INCH
AND HMA PAVEMENTS PER PROPOSED TYPICAL SECTION

157124

PE

PE

SPECTRUM - COMMUNICATION LINE

BRIGHTSPEED - COMMUNICATION LINE

APPROXIMATE PROPERTY LINE (TYP)

ROCKY W JAMES
ID: DELT0851034

DAVID J PEREZ SR
TRICIA A PEREZ
ID: DELT0851996

THE MICHAEL E WAGNER AND JENNIFER L WAGNER
ID: DELT0851032

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 295	E

FILE NAME : X:\UZ\W\WITSE\169804\5-final-dsgn\51-drawings\40-TransHwy\Civil 3D 2022\13303400\Sheets\SEC 05 Plan & Profile\050200_pn (Plan - 50 Scale - Full Sheet).dwg PLOT DATE : 7/14/2025 12:40 PM PLOT BY : SEH LAYOUT NAME : 22 PLOT SCALE : 1.0 IN = 50.0 FT

WISDOT/CADDS SHEET 44

WAUKESHA COUNTY
PARKS & LAND USE
ID: DELT0851999

N

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE

EVERSTREAM - COMMUNICATION LINE

(?)FO (?)OH (?)G (?)T

RIPRAP

STA 1577+26'ML'
CULVERT ID 19191
EXISTING 24-INCH RCCP TO REMAIN
VEGETATION REMOVAL ENDWALL REQ'D

POST

WE ENERGIES - GAS

157863

PC: 1580+22.27

POST

SIGN

5

MATCH LINE 1574+00'ML'

'ML' 1575'ML' 1576'ML' N17° 08' 11"E 1577'ML' 1578'ML' 1579'ML' 1580'ML' 1581'ML'

R/L STH 83

STH 83 (S WALES RD)

MATCH LINE 1581+50'ML'

5

SIGN

BRIGHTSPEED - COMMUNICATION LINE

SPECTRUM - COMMUNICATION LINE

APPROXIMATE EXISTING ROW (TYP)

APPROXIMATE PROPERTY LINE (TYP)

ROSS M FRITSCHKA
ID: DELT0851031

BENJAMIN KRETLOW
CHENCHEN HONG
ID: DELT0851030

LOT OWNERS OF THE HILLS OF DELAFIELD
ID: DELT0851072

ROBERT E & MAUREEN A
WEPFER REVOCABLE TRUST
ID: DELT0851001

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 296	E

WAUKESHA COUNTY
PARKS & LAND USE
ID: DELT0851999

N

C14

PI STA = 1582+47.96'ML'
Y = 165,226.0173
X = 643,203.1206
Δ = 11°01'49"
D = 2°27'04"
T = 225.70'
L = 450.00'
R = 2,337.48'
PC STA = 1580+22.27'ML'
PT STA = 1584+72.27'ML'

APPROXIMATE EXISTING ROW (TYP)

EVERSTREAM - COMMUNICATION LINE

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE

MATCH LINE 1581+50'ML'

1582'ML'

C14

50'PG'

R/L STH 83

STA 1582+88.71'ML'
STA 50+00'PG'
1583'ML'

1584'ML'

STA 1584+72.27'ML' POT:
Y=165,450.4344
X=643,227.1279

N6° 06' 22"E

STH 83 (S WALES RD)

PI: 1582+47.96'ML'

S83° 27' 23"E

51'PG'

END PROJECT
STA 1584+50'ML'
BUTT JOINT REQUIRED

AT&T LEGACY - COMMUNICATION LINE

BRIGHTSPEED - COMMUNICATION LINE

SPECTRUM - COMMUNICATION LINE

END CONSTRUCTION
STA 51+15'PG'
BUTT JOINT REQUIRED

C91

PI STA = 52+24.02'PG'
Y = 165,243.2746
X = 643,423.6430
Δ = 7°28'18"
D = 3°39'08"
T = 102.44'
L = 204.58'
R = 1,568.83'
PC STA = 51+21.58'PG'
PT STA = 53+26.16'PG'

GLACIER PASS (N)

52'PG'

C91

PI: 52+24.02'PG'

ROBERT E & MAUREEN A
WEPFER REVOCABLE TRUST
ID: DELT0851001

5

5

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 297	E

APPROXIMATE PROPERTY LINE (TYP)

FRANKLIN ARMS COMPANY
ID: WLSV1457996007

END CONSTRUCTION
STA 73+90.68'SA', 157.53'LT
BUTT JOINT REQUIRED

NBA WALES LLC
ID: WLSV1457996003

STA 70+74 'SA'
CULVERT ID 55331
EXISTING 15-INCH RCCP TO REMAIN
CLEANING CULVERT PIPE REQ'D

KETTLE MORAINE SCHOOL DISTRICT - COMMUNICATION LINE

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE
PAETEC COM LLC - COMMUNICATION LINE

BLACKWOOD DR

SLOPE INTERCEPTS (TYP)

MORAINE VIEW DR

STA 70+00.00'SA' POT:
Y=160,953.0302
X=641,539.1898

70'SA' 71'SA' N70° 06' 44"E 72'SA' 73'SA' 74'SA' 75'SA' 76'SA' N64° 13' 39"E 77'SA'

PI STA 76+30.06'SA'
Δ = 5°53'04.5" LT
Y = 161167.3630
X = 642131.6697

MATCH LINE 77+00'SA'

BEGIN CONSTRUCTION
STA 70+09'SA'
BUTT JOINT REQUIRED

USH 18 (W SUMMIT AV)

USH 18 (W SUMMIT AV)

STA 75+07'SA', 10.0' RT
CLEANING INLET REQ'D

CE

WE ENERGIES - GAS

BRIGHTSPEED - COMMUNICATION LINE

VILLAGE OF WALES - SEWER

AT&T WISCONSIN - COMMUNICATION LINE

TLE (TYP)

BEGIN CONSTRUCTION
STA 74+15.71'SA', 122.39'RT
BUTT JOINT REQUIRED

CE

KT REAL ESTATE HOLDINGS LLC
ID: WLSV1457989003

EXCHANGERIGHT NET LEASED PORTFOLIO 28 DST
ID: WLSV1457989004

PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 298	E

WILKES INVESTMENTS LLC
ID: WLSV1454973

240 SUMMIT LLC
ID: WLSV1454976

ZRH
ID: WLSV1454977

WALES RE LLC
ID: WLSV1454978

WAUKESHA COUNTY
DEPT OF PUBLIC WORKS
ID: WLSV1454975

APPROXIMATE PROPERTY LINE (TYP)

VILLAGE OF WALES - LIGHTING

WE ENERGIES - ELECTRICITY
SPECTRUM - COMMUNICATION LINE
LEVEL 3 COM - COMMUNICATION LINE
PAETEC COM LLC - COMMUNICATION LINE

REMOVE EXISTING CONCRETE
(PAID FOR AS REMOVING CONCRETE SIDEWALK)
TOPSOIL, SEED, FERTILIZE, AND EMAT

SEE CONSTRUCTION DETAIL
FOR MEDIAN EXTENSION

CE
PROPOSED WIDTH
35 FEET

PI: 82+59.20
PI: 82+96.30'SA'
PC: 83+33.19
PT: 86+61.61

STA 85'SA'+85, LT
REDUCE EXISTING CONC CE WIDTH
(SEE PLAN CONSTRUCTION DETAIL)

STA 88+00.00'SA' POT:
Y=161,573.8248
X=643,217.2127

USH 18 (W SUMMIT AV)

MATCH LINE 81+65'SA'

N59° 02' 13"E 82'SA'

84'SA'
85'SA'
86'SA'
87'SA'
88'SA'

C62
C61

END CONSTRUCTION
STA 87+06'SA'
BUTT JOINT REQUIRED

VILLAGE OF WALES - SEWER

BEGIN CONSTRUCTION
STA 85+33.20'SA', 86.98'RT
BUTT JOINT REQUIRED

PI: 84+37.41'SA'

LINCOLNSHIRE PL

APPROXIMATE EXISTING ROW (TYP)

WE ENERGIES - GAS
KETTLE MORAINE SCHOOL DISTRICT - COMMUNICATION LINE
BRIGHTSPEED - COMMUNICATION LINE
AT&T LEGACY - COMMUNICATION LINE
AT&T WISCONSIN - COMMUNICATION LINE

C61

PI STA =	82+96.30'SA'
Y =	161,390.3835
X =	642,747.9096
Δ =	10°35'53"
D =	14°19'27"
T =	37.10'
L =	73.99'
R =	400.00'
PC STA =	82+59.20'SA'
PT STA =	83+33.19'SA'

MARINE BANK WEST
ID: WLSV1454997001

LOT OWNERS OF LINCOLNSHIRE PLACE
ID: WLSV1455090

SCHOOL DISTRICT OF KETTLE MORAINE
ID: WLSV1454995001

5

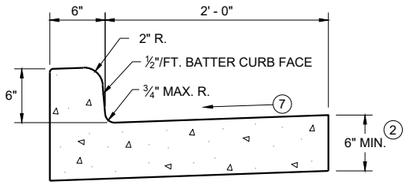
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PROJECT NO: 1330-34-70	HWY: STH 83	COUNTY: WAUKESHA	PLAN: STH 83	SHEET 299	E

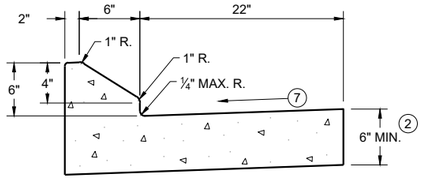
Standard Detail Drawing List

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
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
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
11B02-02	CONCRETE MEDIAN NOSE
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-16B	PAVEMENT MARKING WORDS
15C07-16C	PAVEMENT MARKING ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23C	PAVEMENT MARKING (TURN LANES)
15C08-23D	PAVEMENT MARKING (TURN LANES)
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
15D12-14A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-10A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D37-03	TRAFFIC CONTROL, 2-LANE ROUNDABOUT
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D46-01	TRAFFIC CONTROL, ONE - WAY SIGNING
15D50-03A	TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT
15D50-03B	TRAFFIC CONTROL, ADDED LANE CLOSURE WITH LANE SHIFT

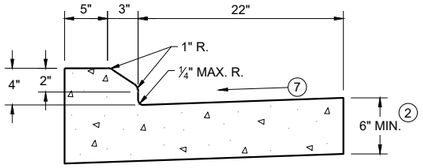
6



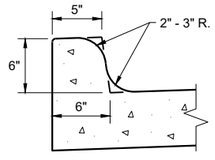
TYPES A (1) & D



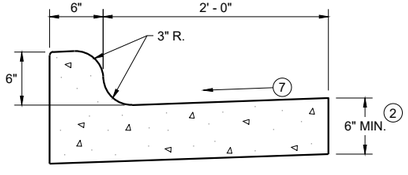
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

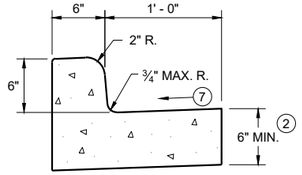


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



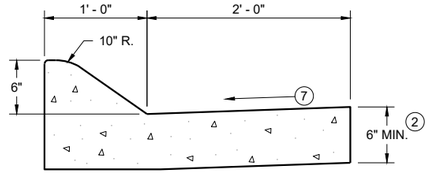
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

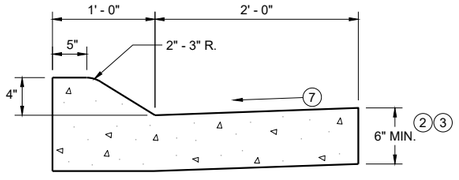


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

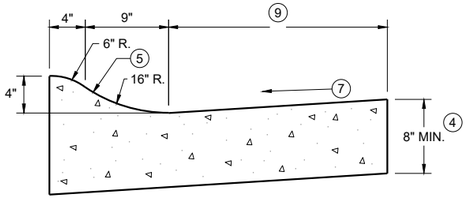


6" SLOPED CURB TYPES A (1) & D



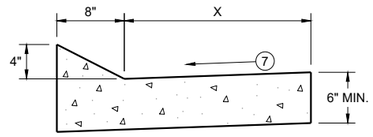
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

TBT & TBTT	X
30"	22"
36"	28"

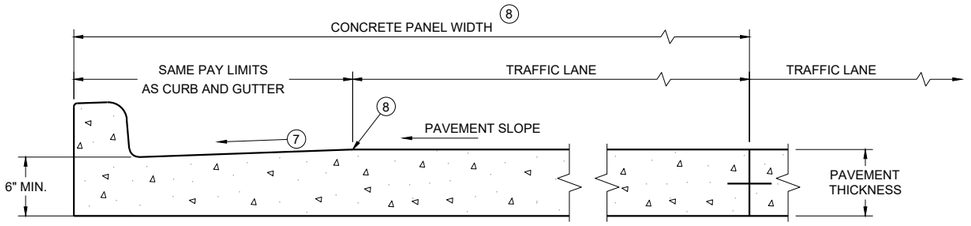


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

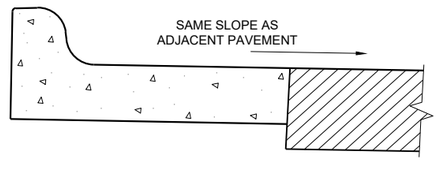
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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.

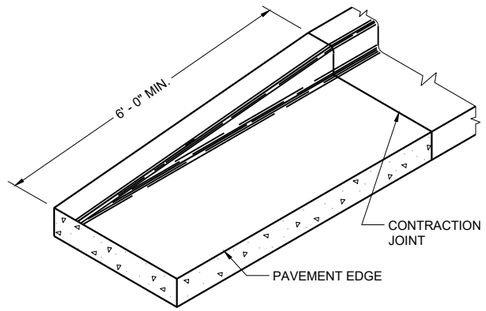
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(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

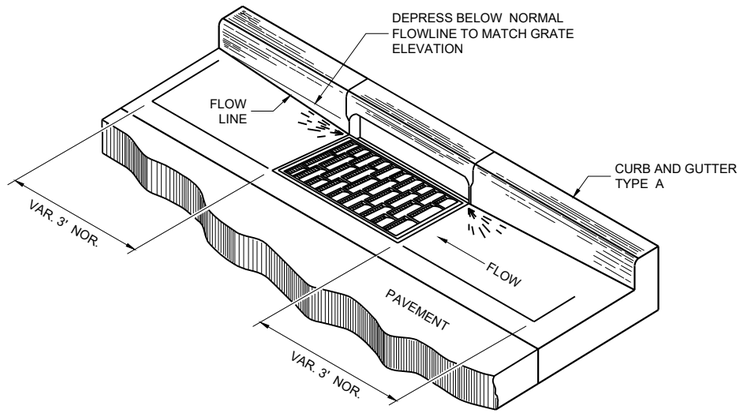
CONCRETE CURB AND GUTTER

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.

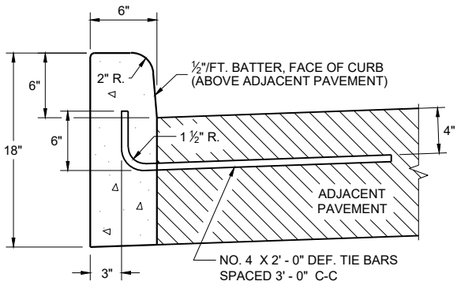
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

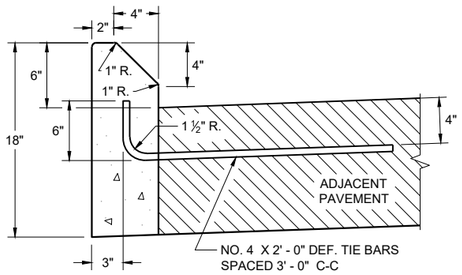
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(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.

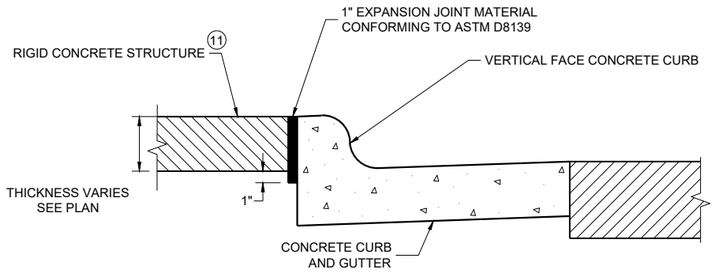


TYPES A (1) & D

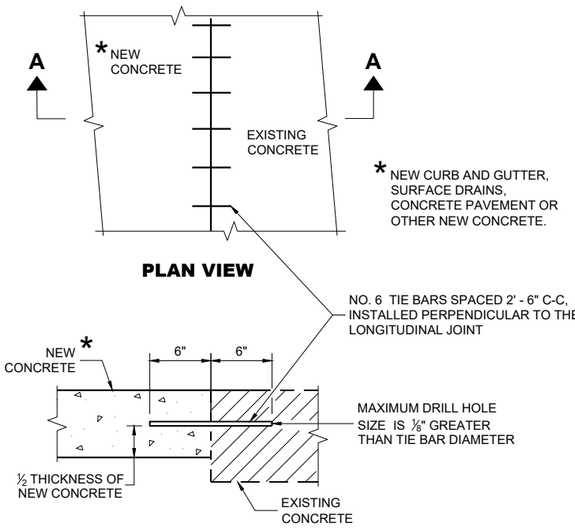


TYPES G (1) & J

CONCRETE CURB



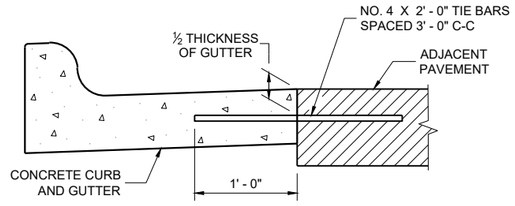
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



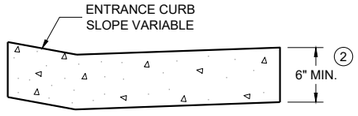
PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

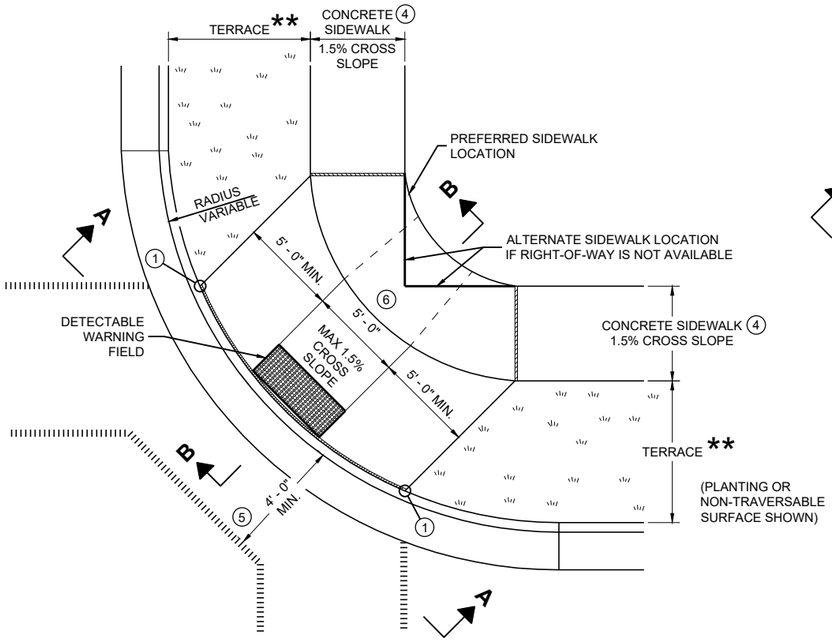
CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

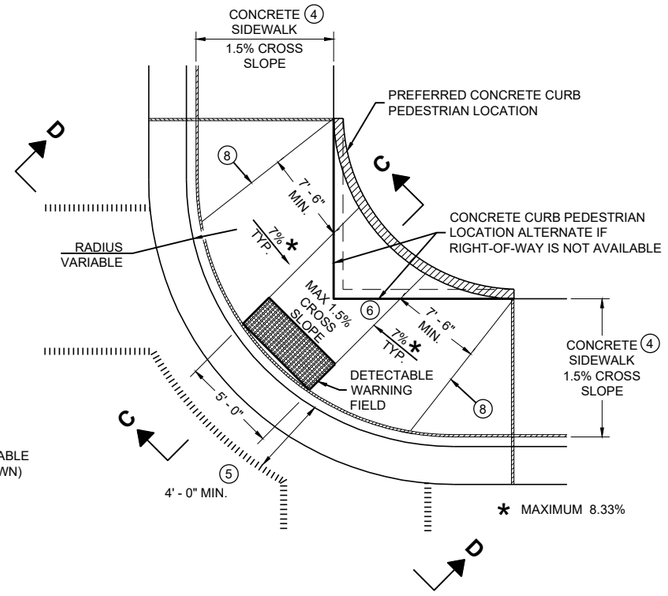
6
SDD 08D01-23b



PLAN VIEW

CURB RAMP TYPE 1

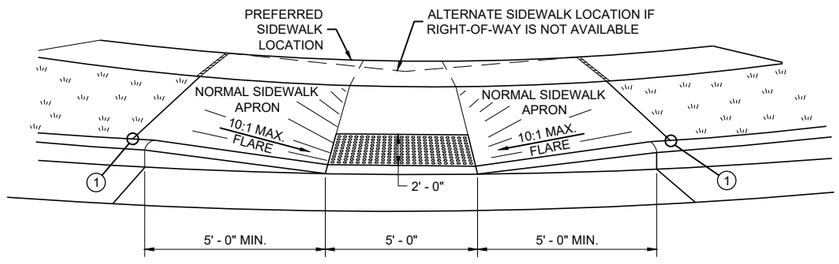
(CENTER OF CORNER RADIUS)



PLAN VIEW

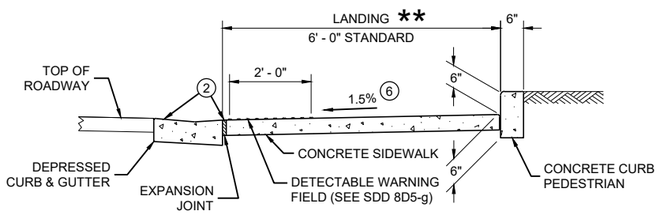
CURB RAMP TYPE 1 - A

(NO TERRACE)

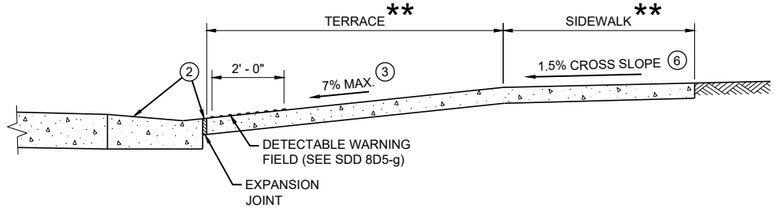


VIEW A - A FOR TYPE 1

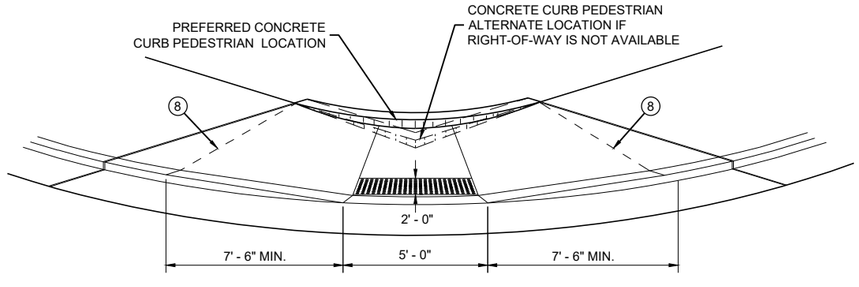
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION C - C FOR TYPE 1 - A



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA. 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.

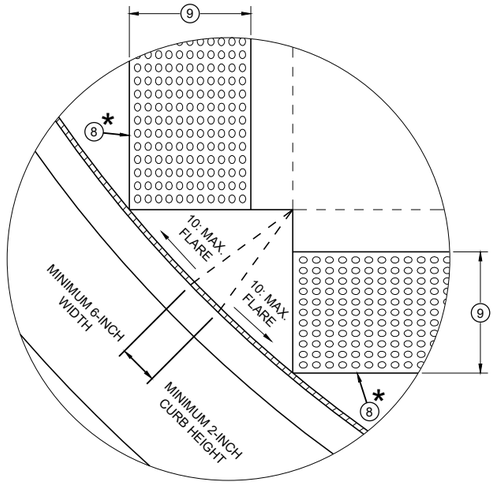
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

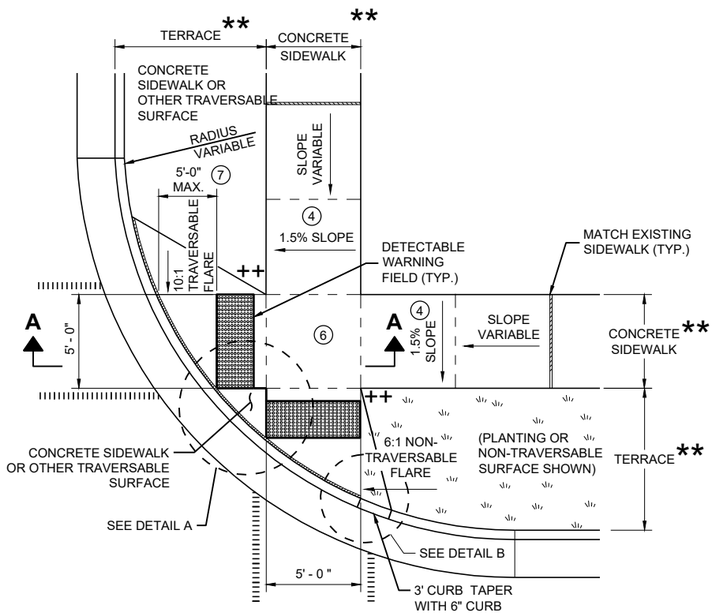
CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 08D05-21a



DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)

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.

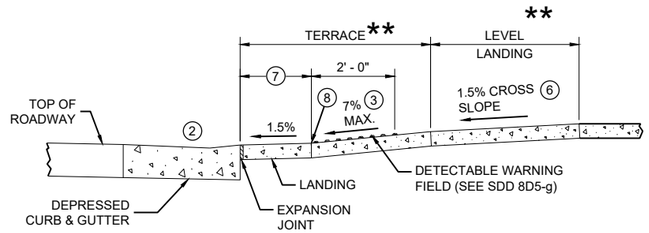
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(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.

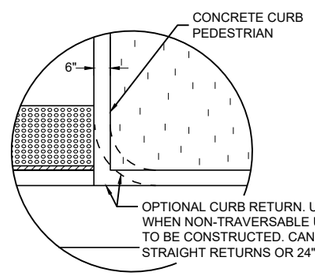


SECTION A - A FOR TYPE 2

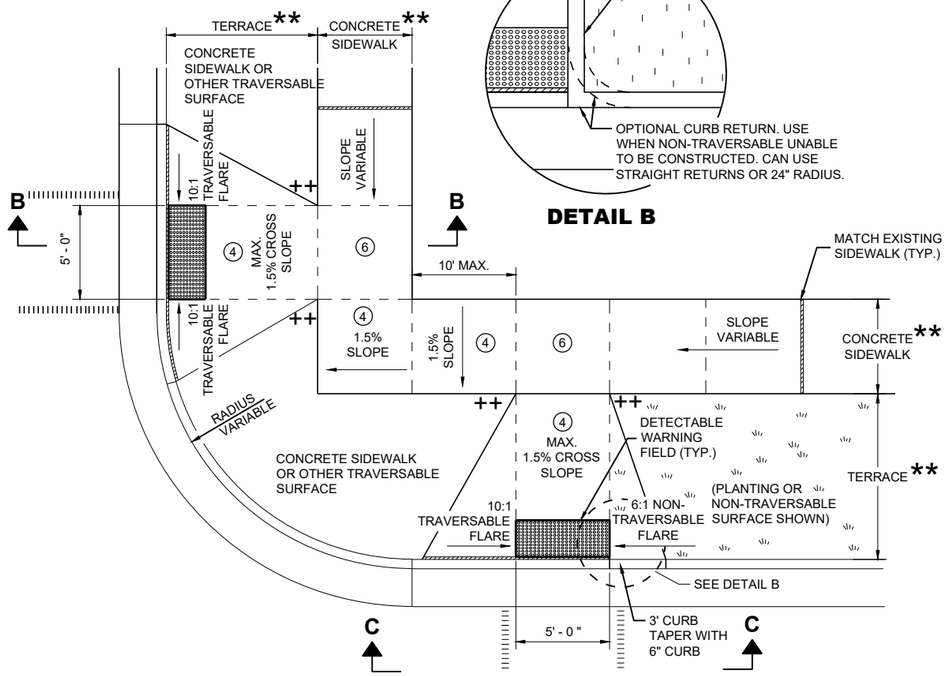
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

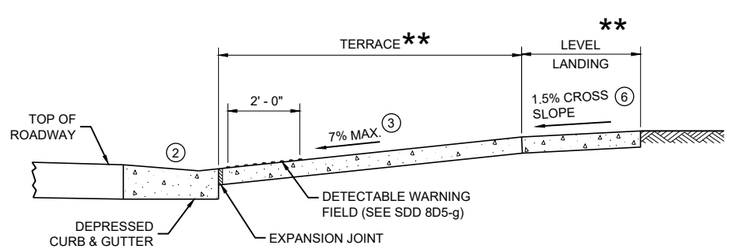
++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



DETAIL B



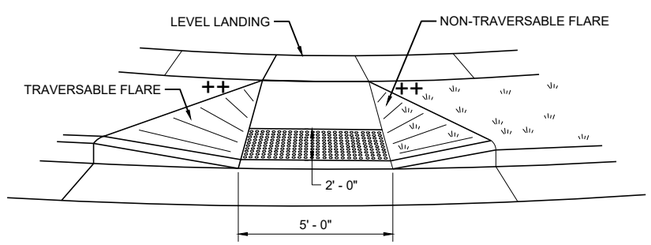
PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)



SECTION B - B FOR TYPE 3

LEGEND

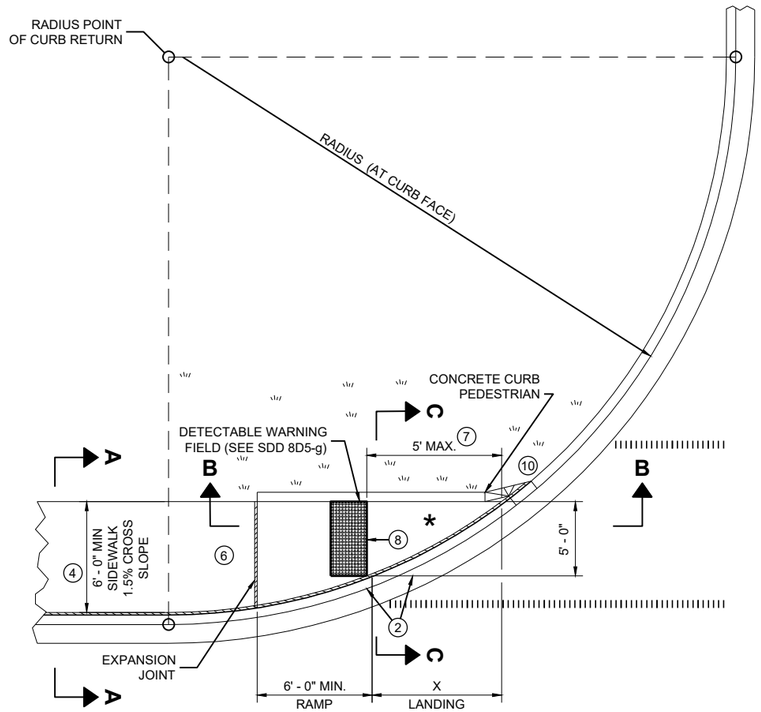
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)



VIEW C - C FOR TYPE 3

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

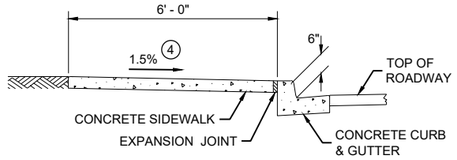


PLAN VIEW

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.

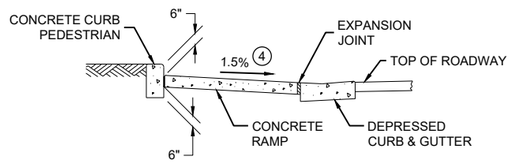
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

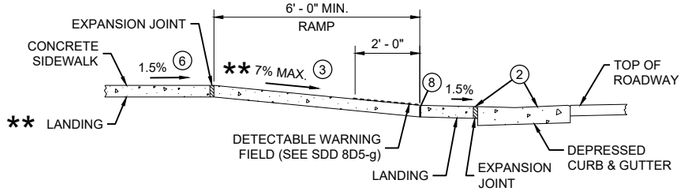
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

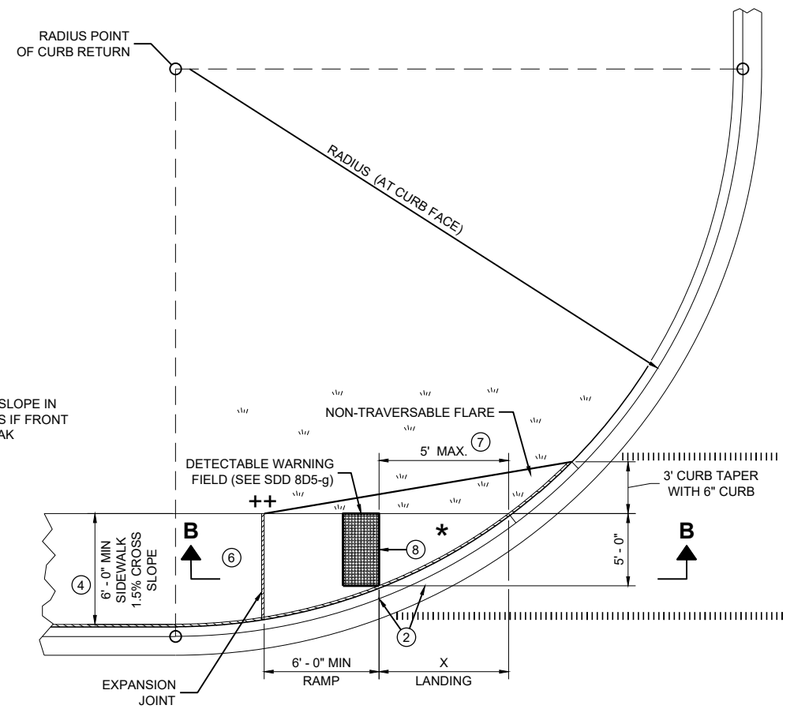


SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1

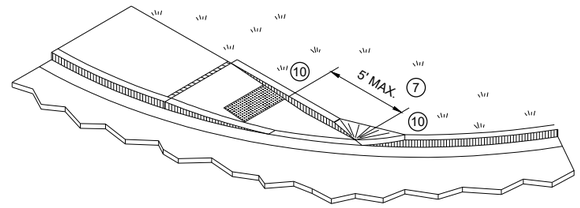
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



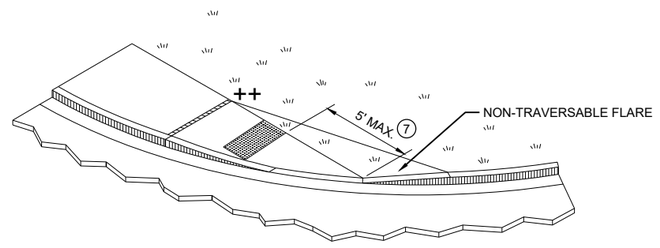
PLAN VIEW

CURB RAMP TYPE 4A1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



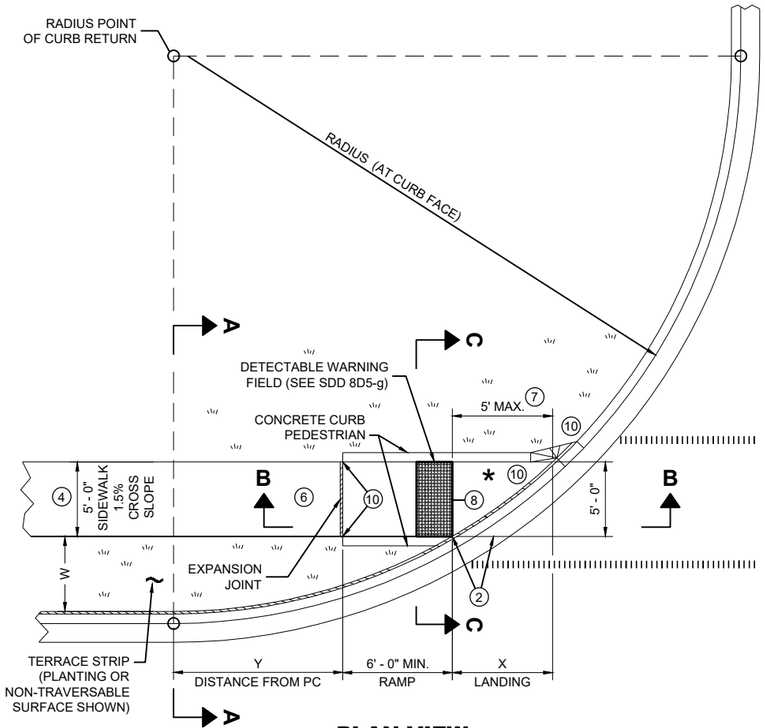
ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

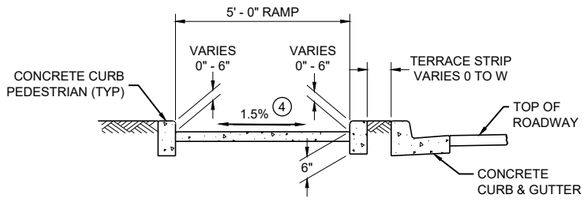
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

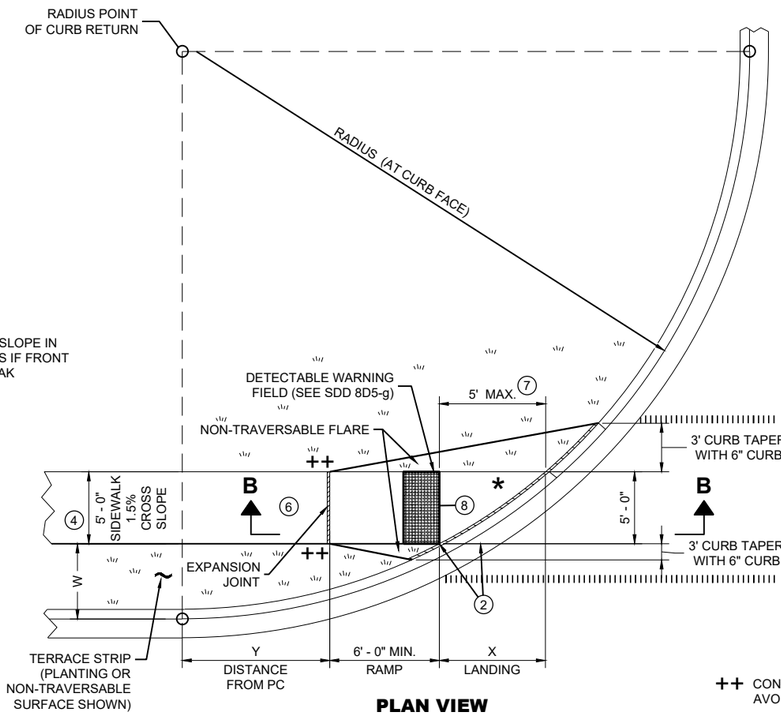
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

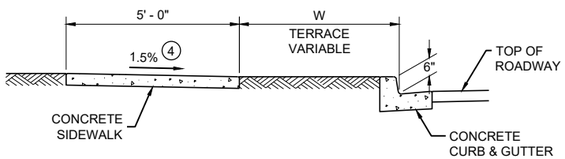
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



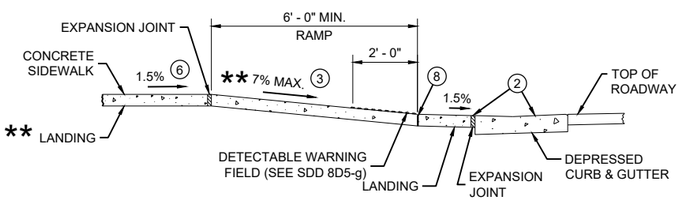
PLAN VIEW
CURB RAMP TYPE 4B1

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

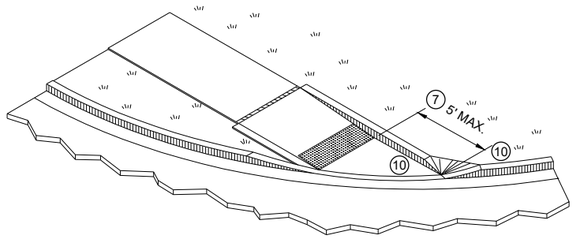


SECTION A - A FOR TYPE 4B

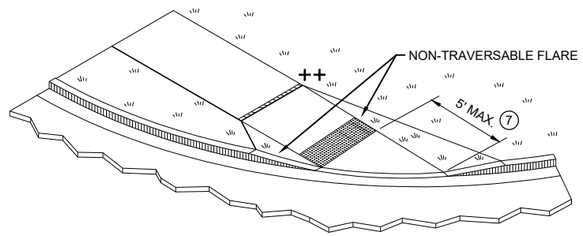


SECTION B - B FOR TYPE 4B AND TYPE 4B1

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



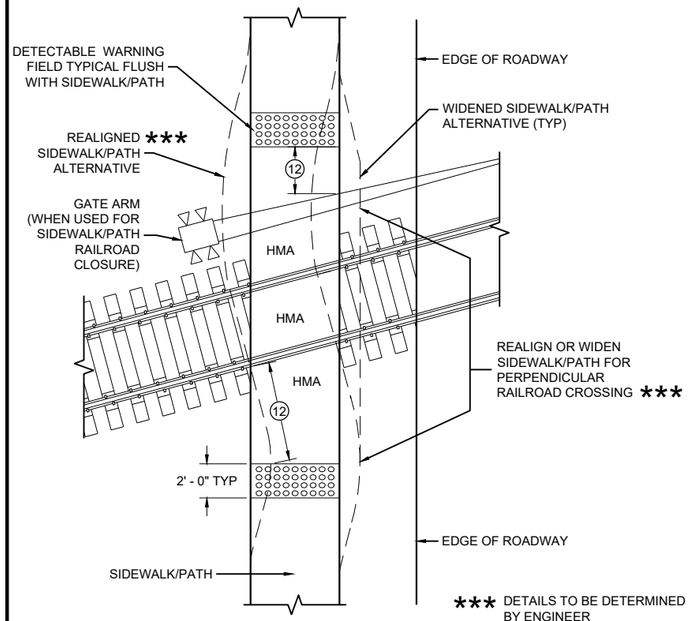
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

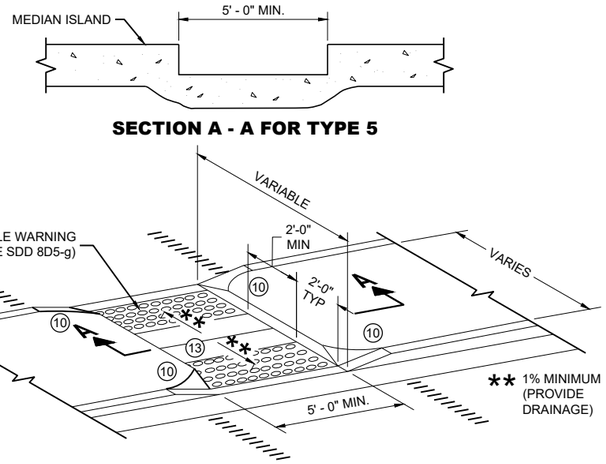
CURB RAMPS
TYPE 4B AND 4B1

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.

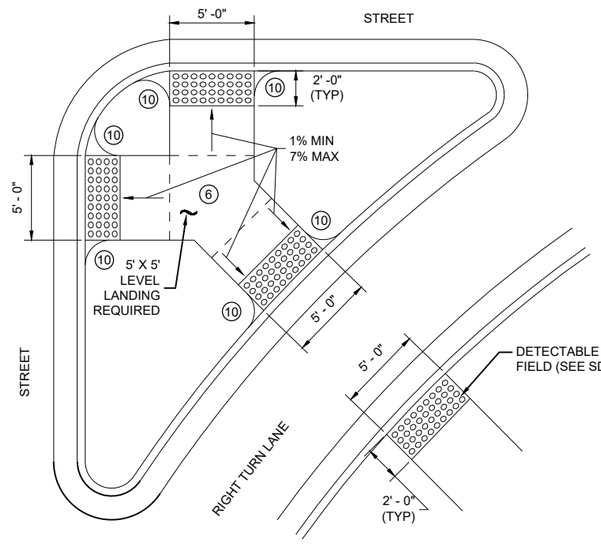
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(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

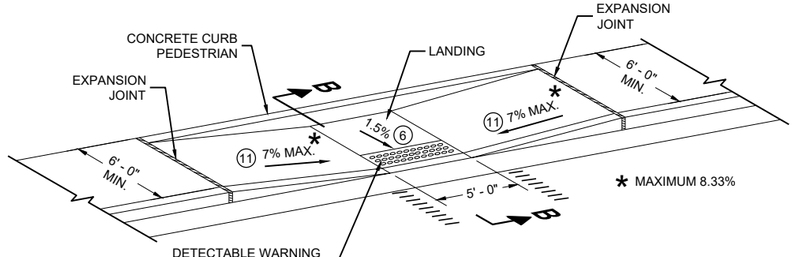
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

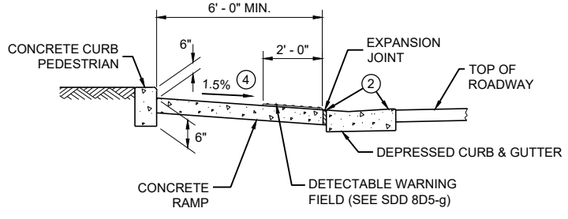
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS

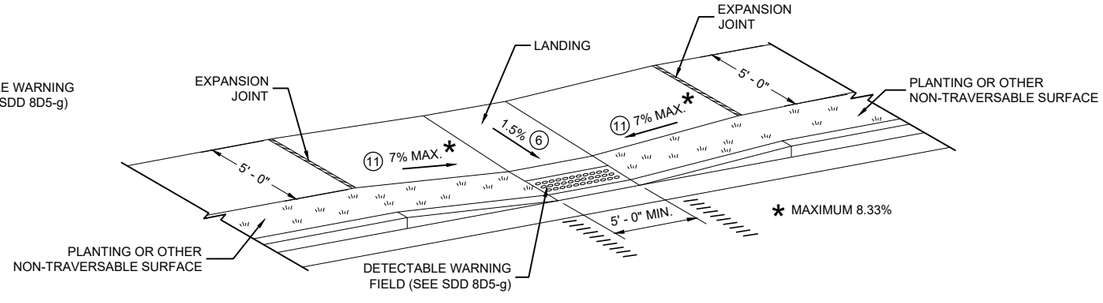


CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS



SECTION B - B FOR TYPE 7A



CURB RAMP TYPE 7B

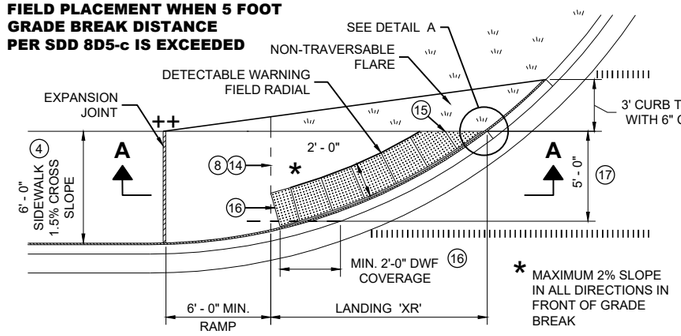
FOR INTERSECTIONS AND MID BLOCK CROSSINGS

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

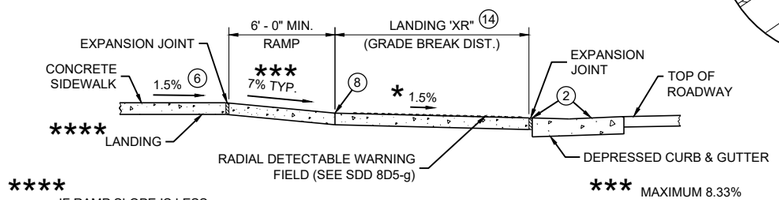
SDD 08D05-21e

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

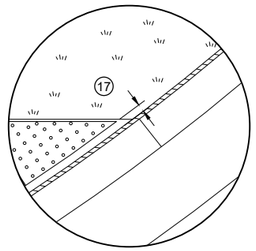
CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1



DETAIL A

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

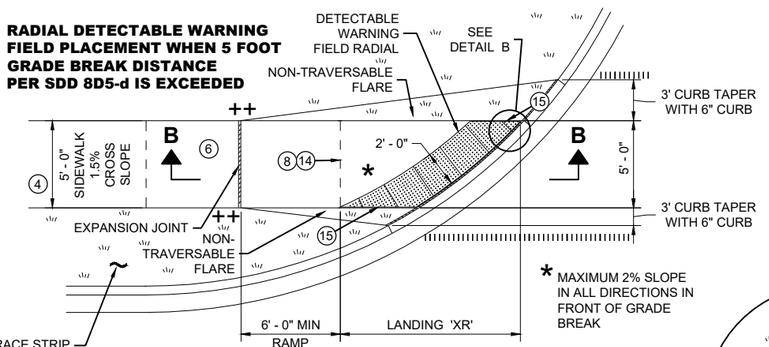
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

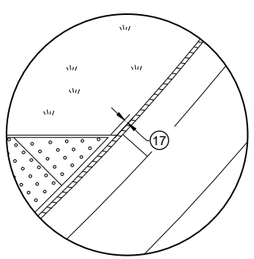
(17) A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

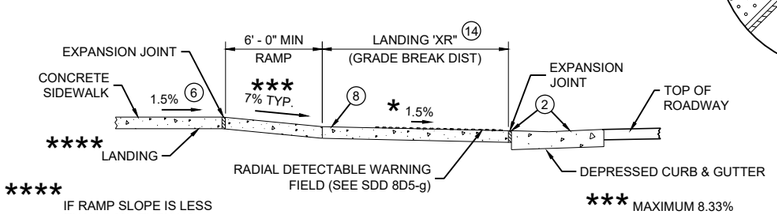


PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B

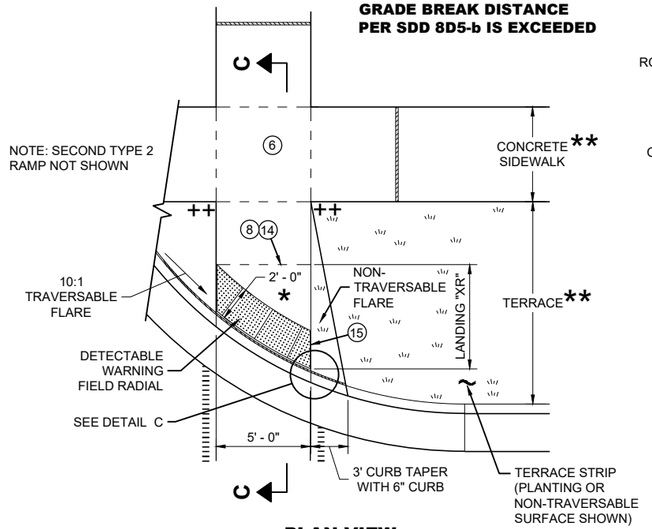


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

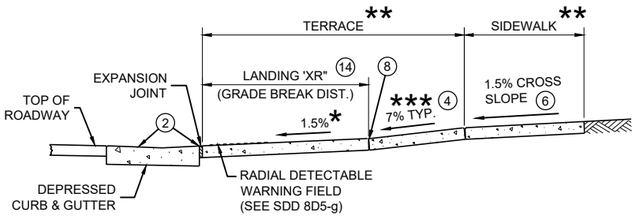
SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

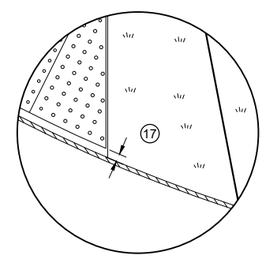


PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



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

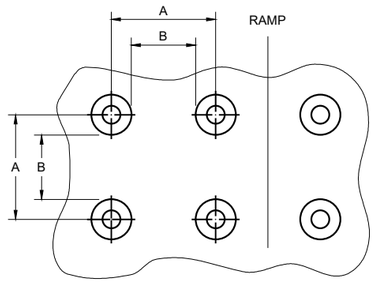
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

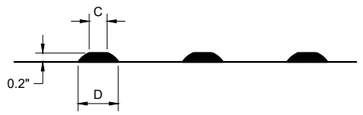
SDD 08D05-21f

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

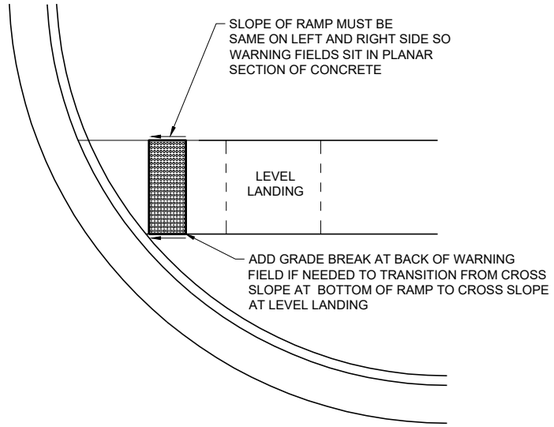
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



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.

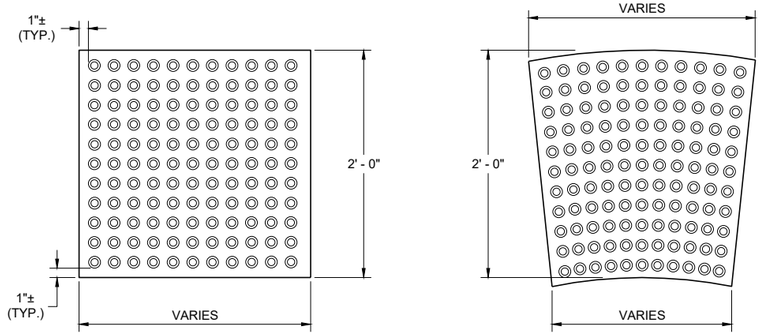
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. 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.

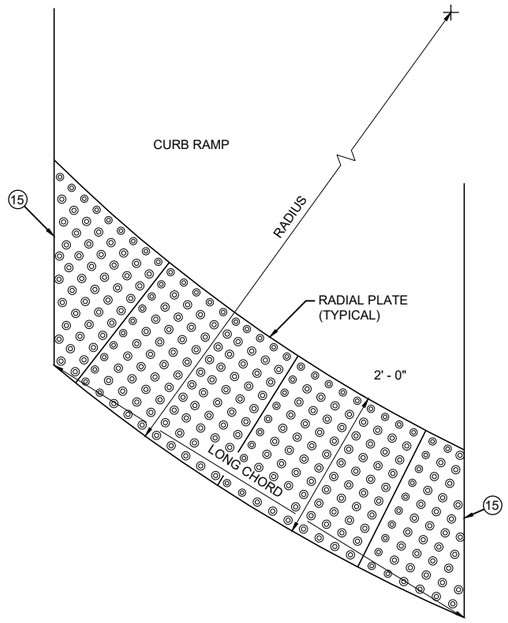
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



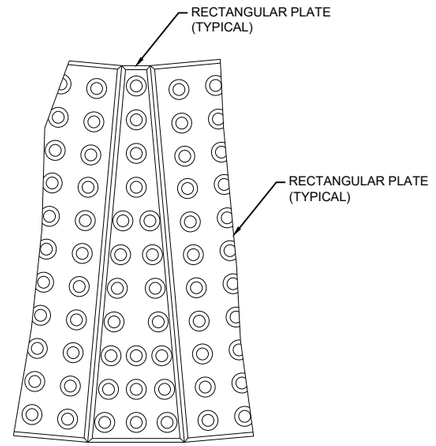
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

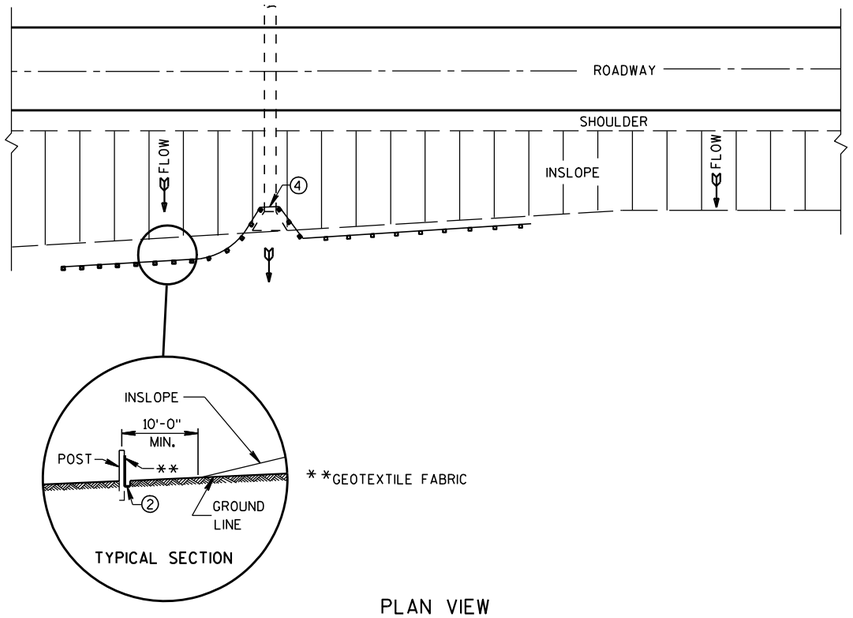
CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

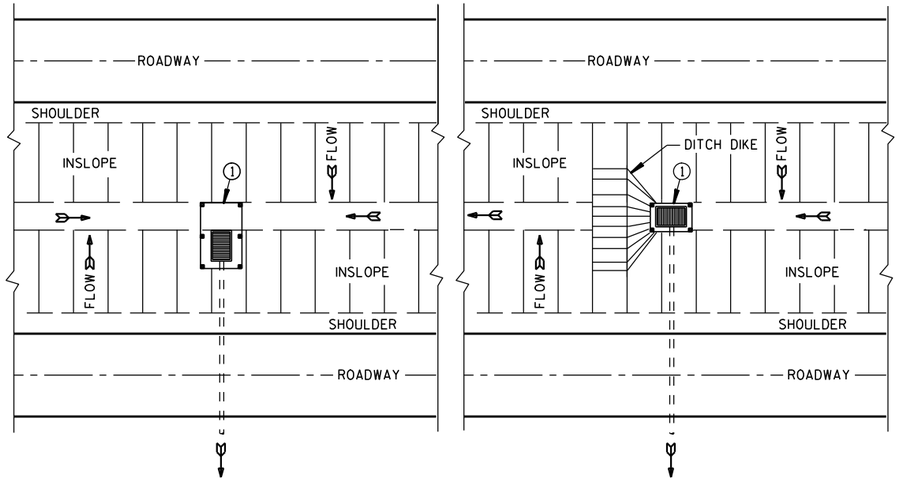
FHWA

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SDD 08D05-21g



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



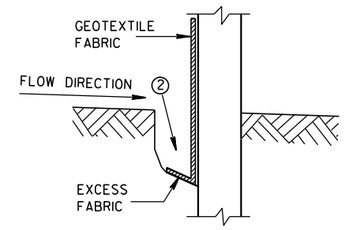
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

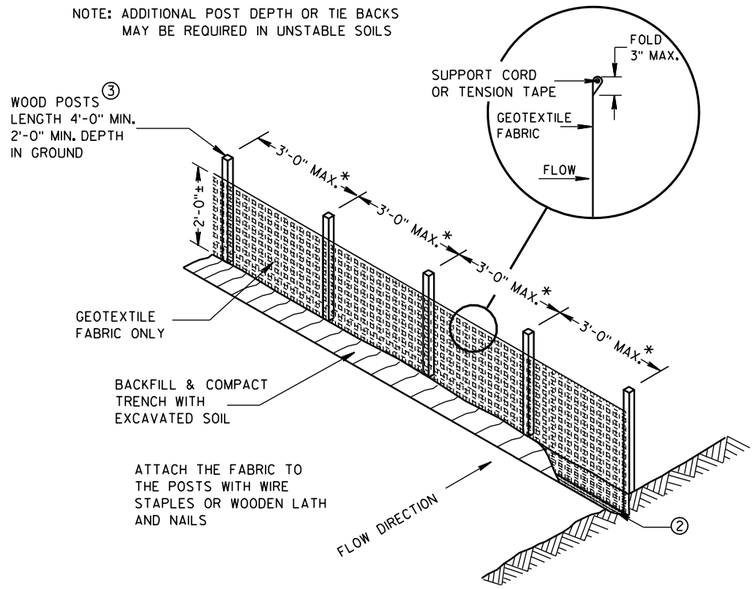
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

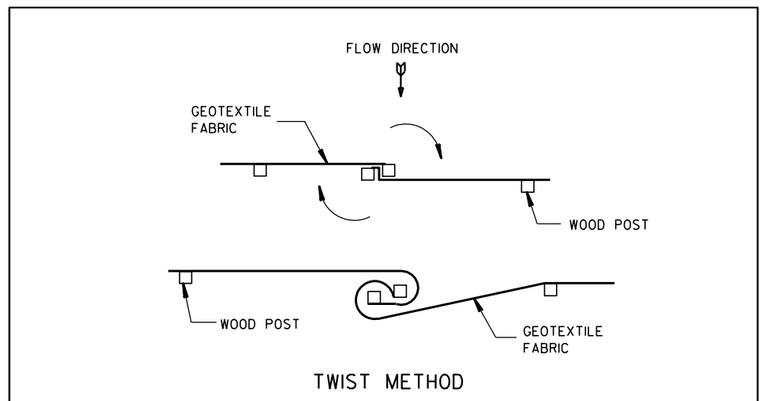
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL 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.



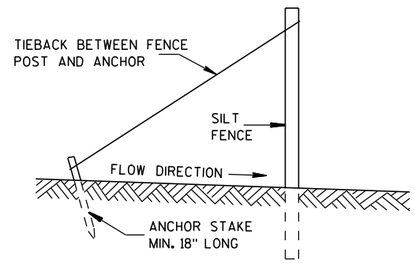
TRENCH DETAIL



SILT FENCE



JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

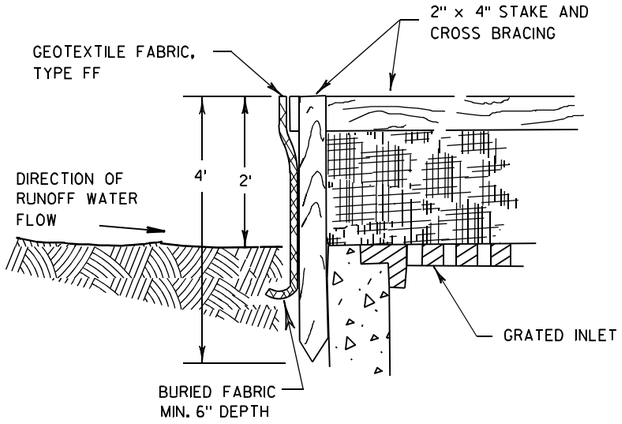
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

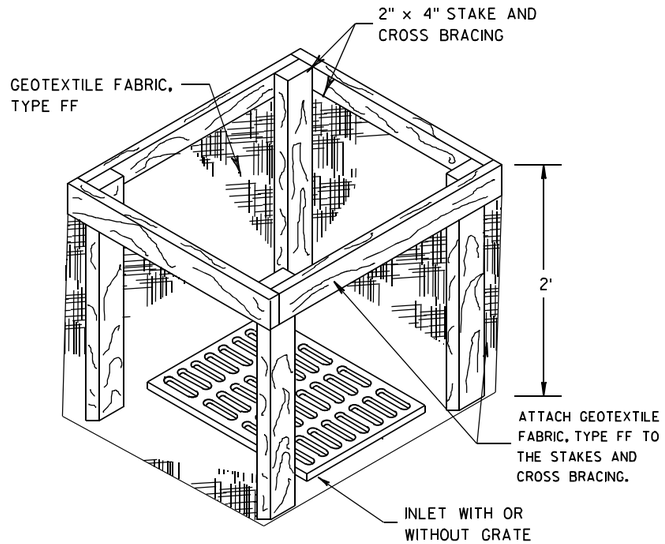
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S.D.D. 8 E 9-6

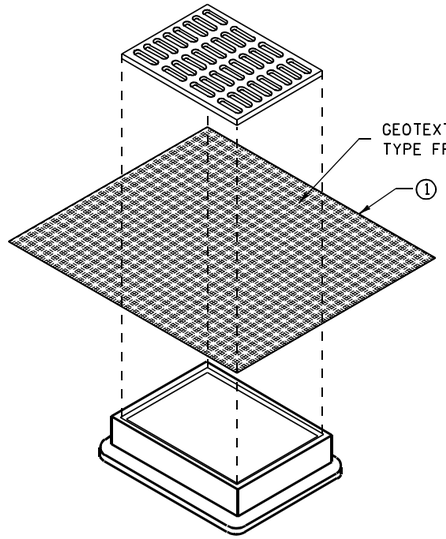
6

S.D.D. 8 E 9-6



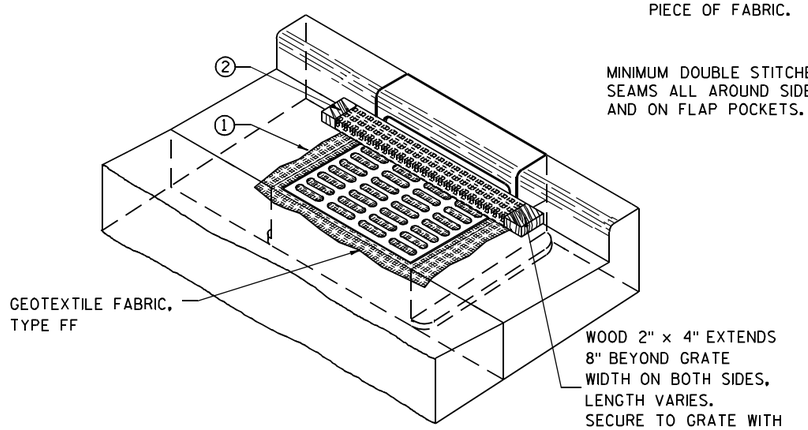


INLET PROTECTION, TYPE A

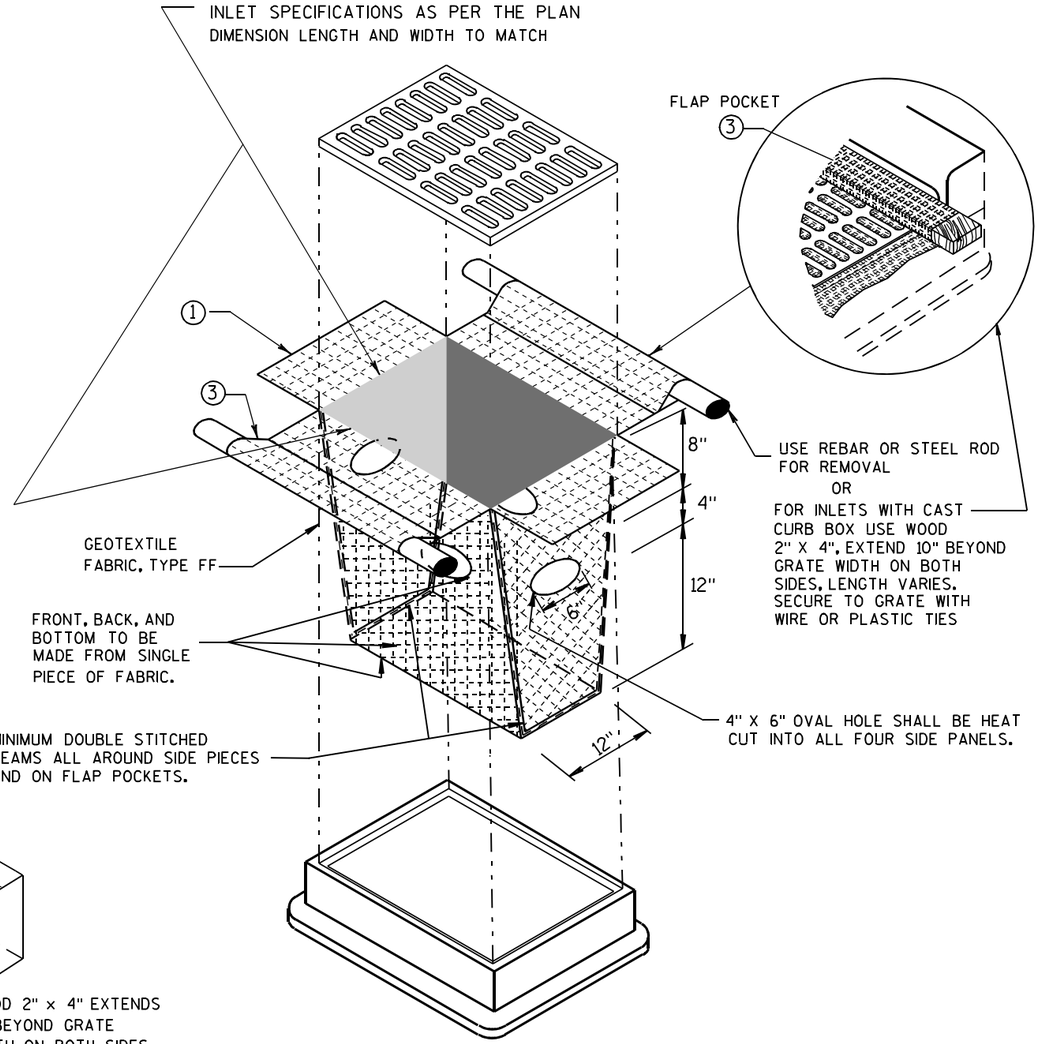


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(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

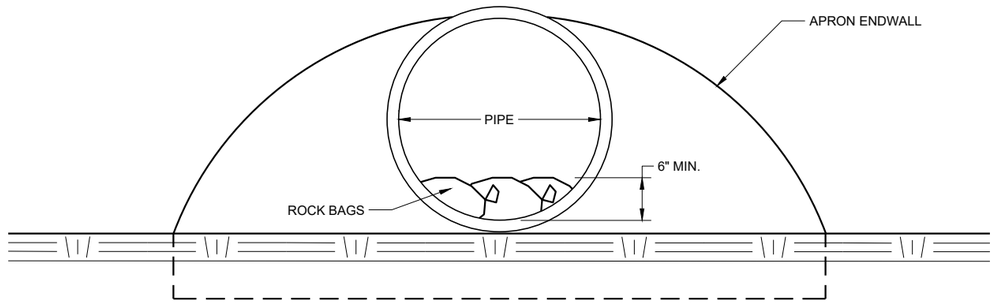
APPROVED

10/16/02
DATE

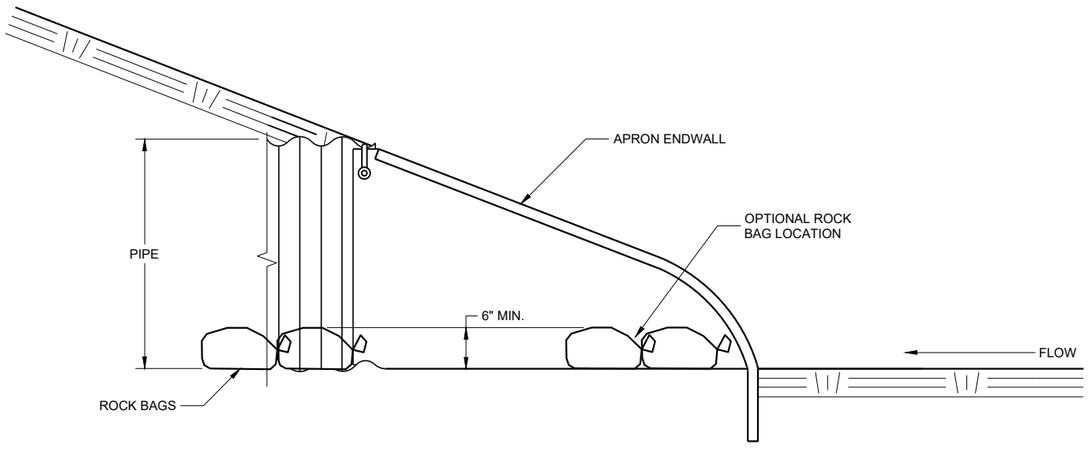
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

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

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SDD 08E15 - 01

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SDD 08E15 - 01

METAL APRON ENDWALLS

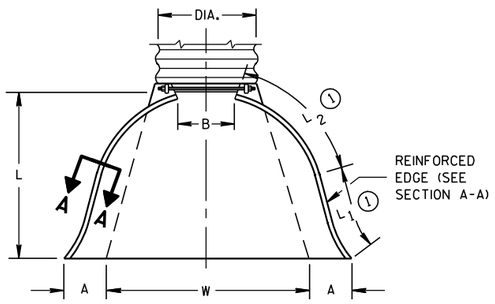
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

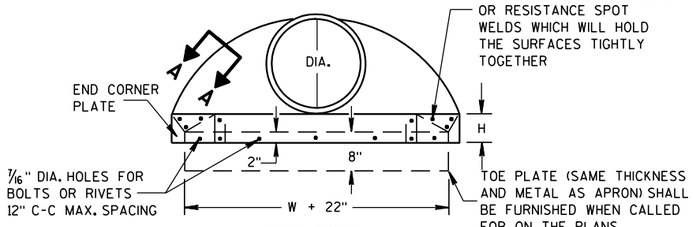
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

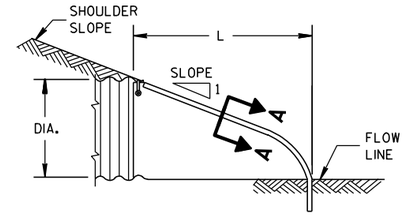
*MINIMUM
**MAXIMUM



PLAN VIEW

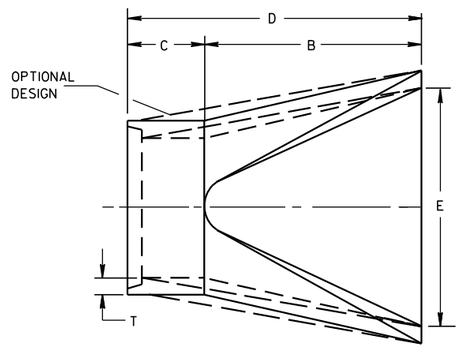


END VIEW

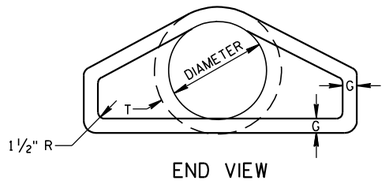


SIDE ELEVATION

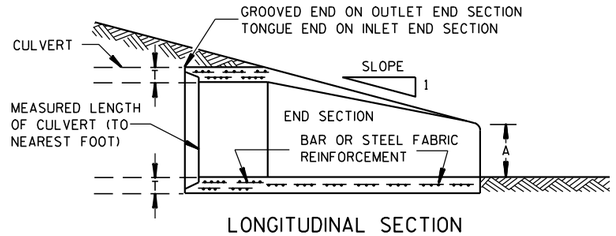
METAL ENDWALLS



PLAN

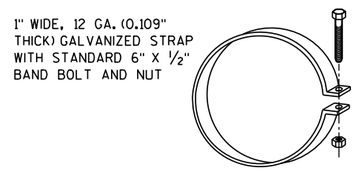


END VIEW



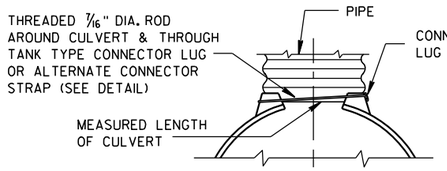
LONGITUDINAL SECTION

CONCRETE ENDWALLS

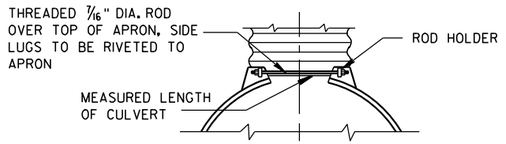


ALTERNATE FOR TYPE 1 CONNECTION

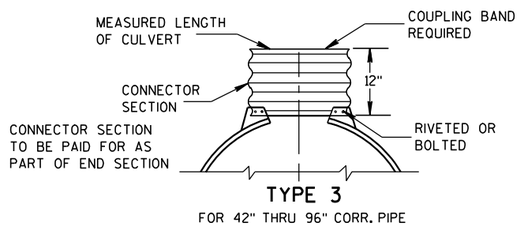
END SECTION CONNECTOR STRAP



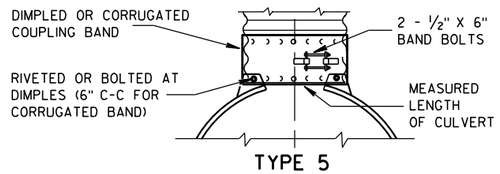
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

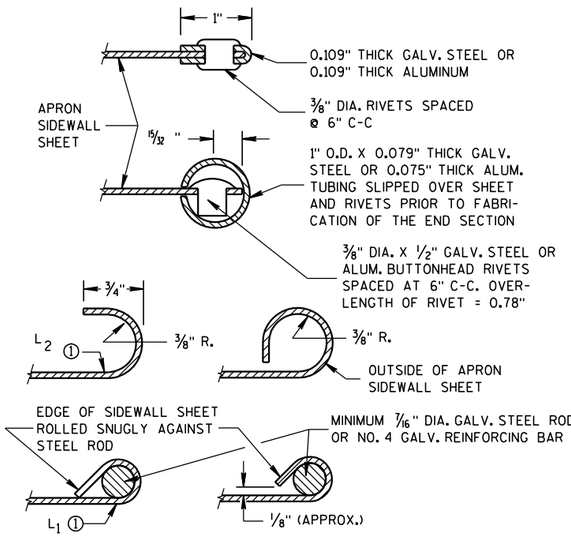
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

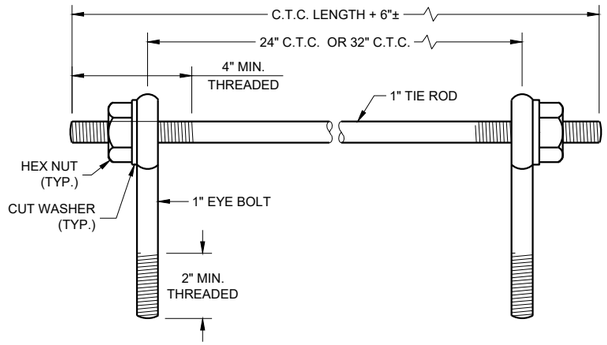
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

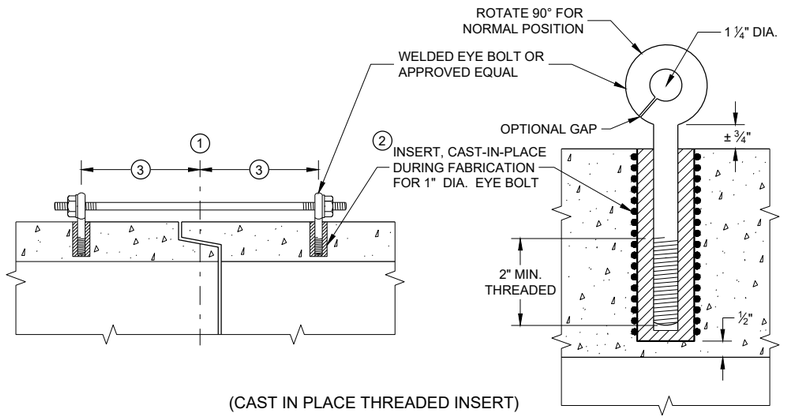
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

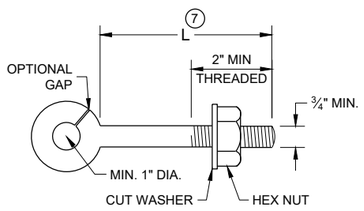
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

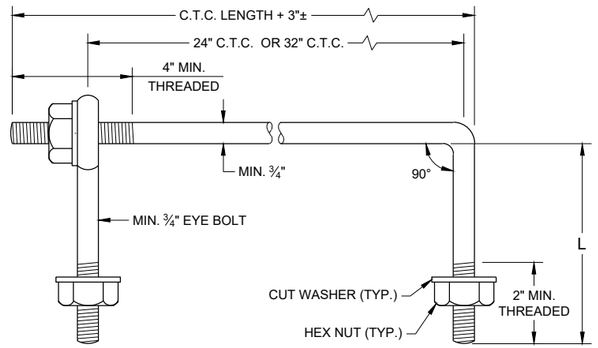
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

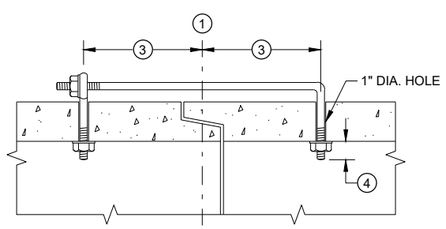


EYE BOLT (7)

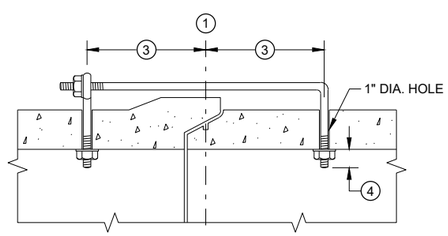
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

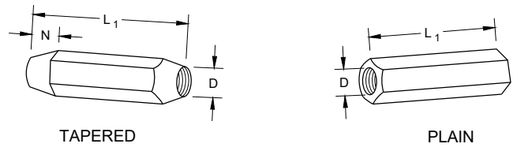
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

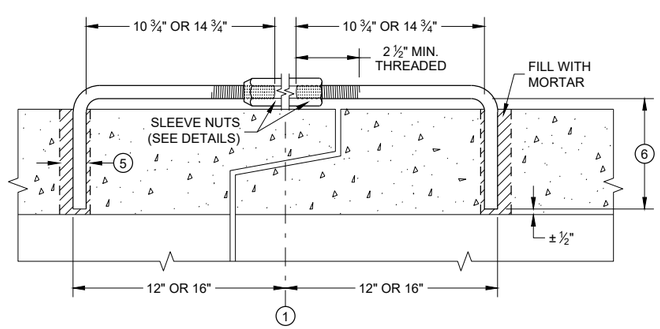
PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



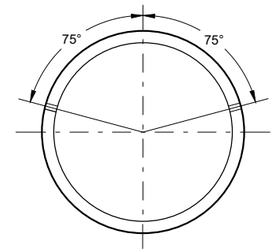
RIGHT AND LEFT THREADS

SLEEVE NUTS



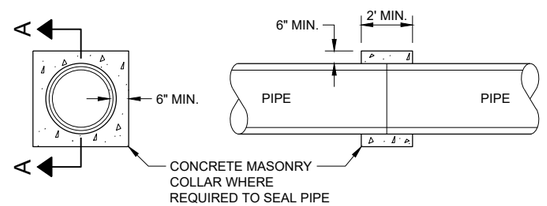
LONGITUDINAL SECTION

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

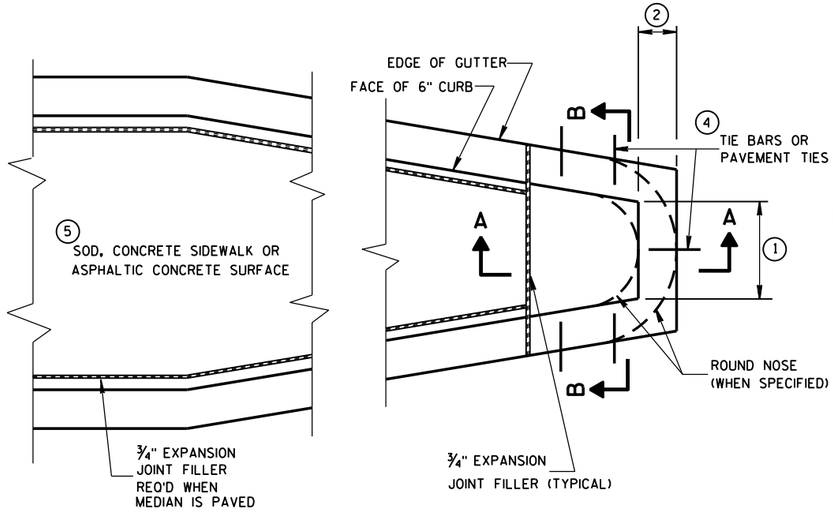
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

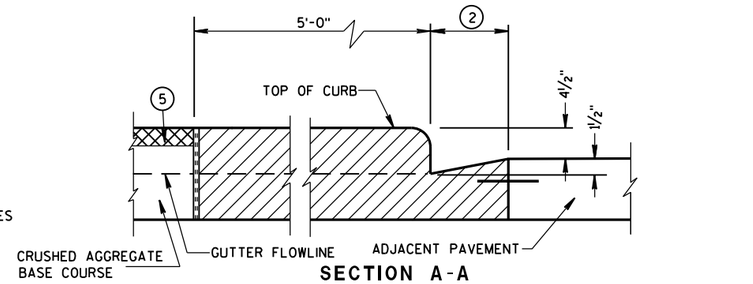
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

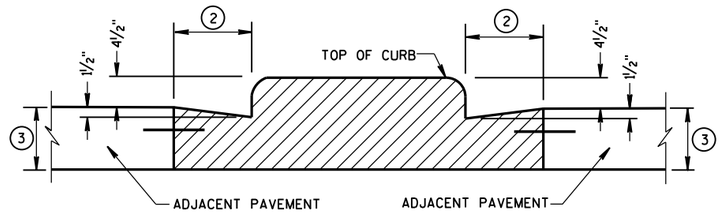
SDD 08F04 - 08

SDD 08F04 - 08





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.

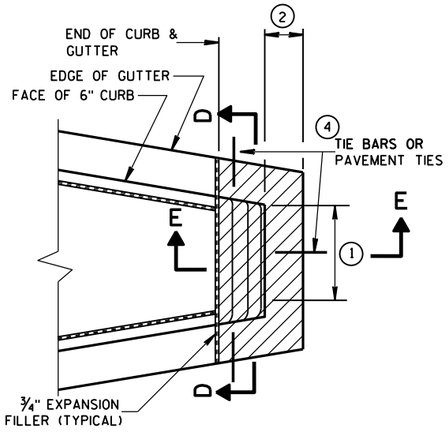
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

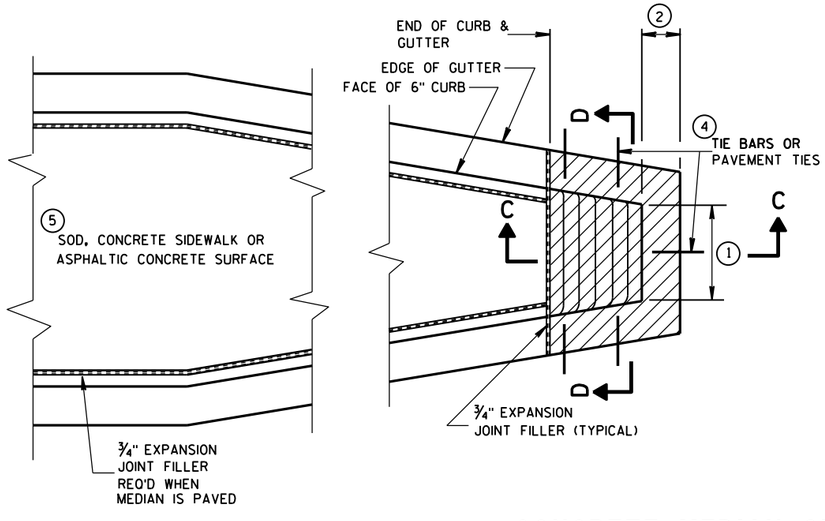
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

(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.

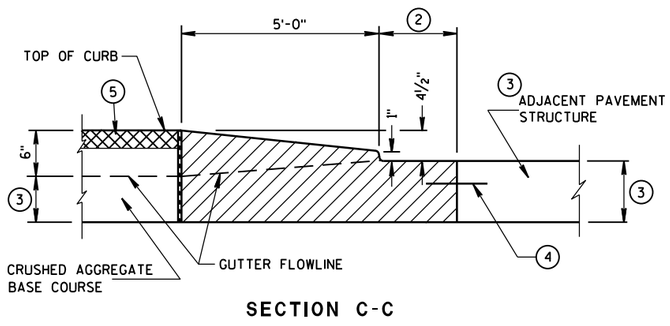
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

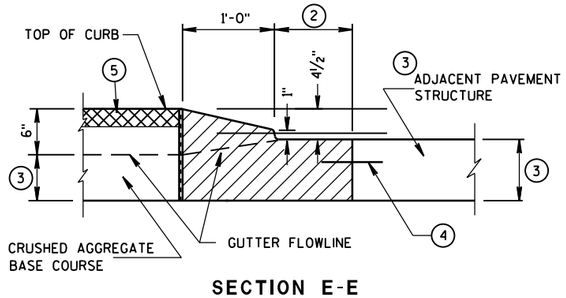




CONCRETE MEDIAN SLOPED NOSE TYPE 1

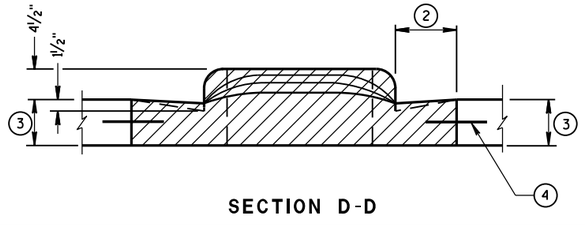


SECTION C-C



SECTION E-E

CONCRETE MEDIAN SLOPED NOSE TYPE 2



SECTION D-D

CONCRETE MEDIAN NOSE

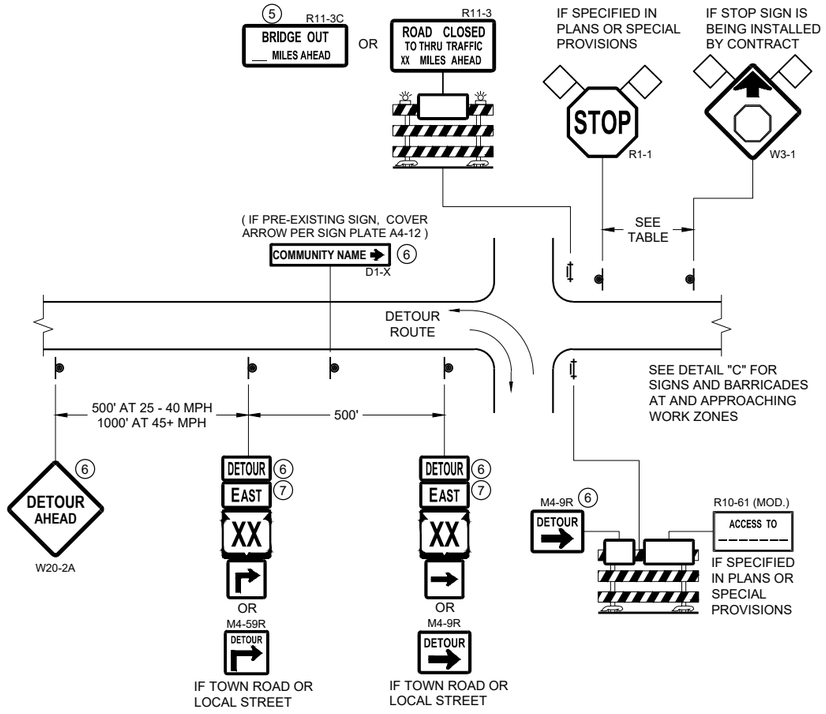
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/8/2006
DATE

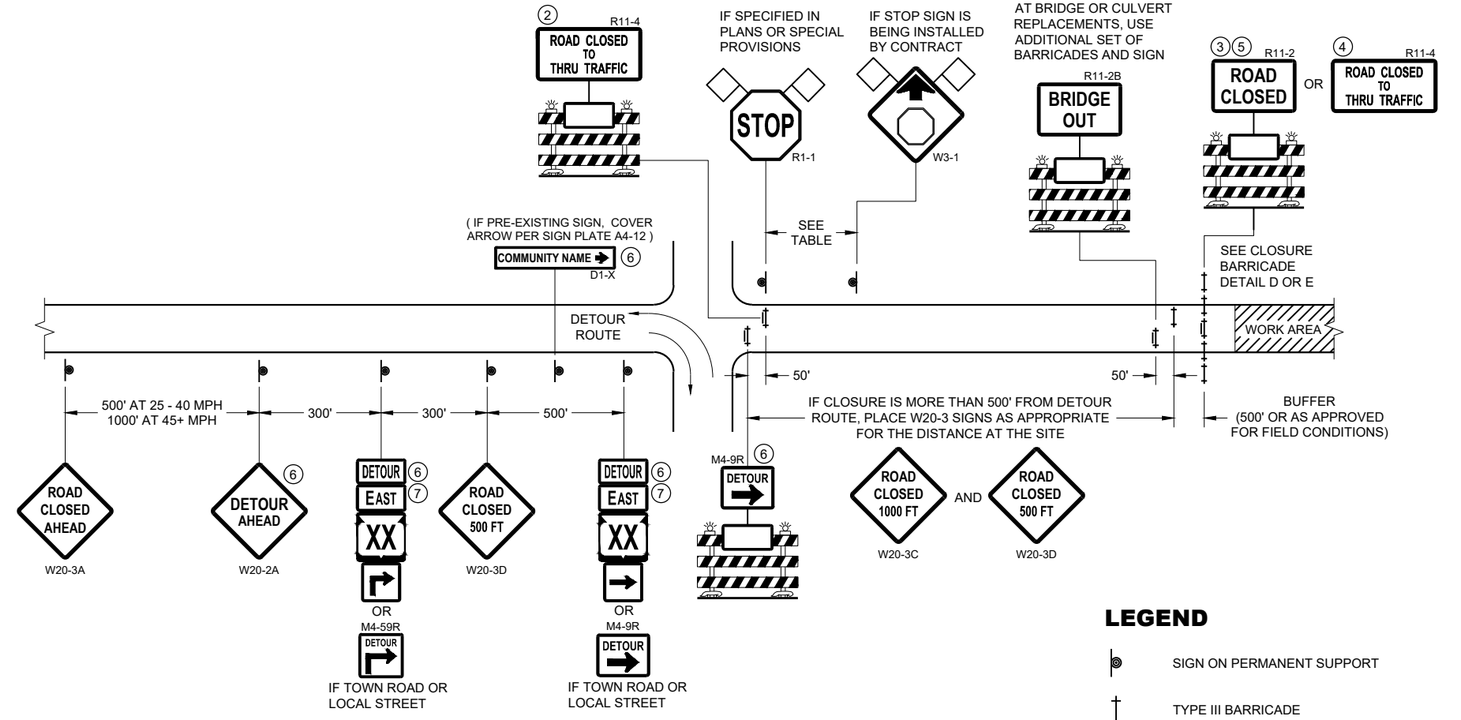
/S/ Jerry H. Zogg
ROADWAY STANDARDS D ENGINEER

FHWA



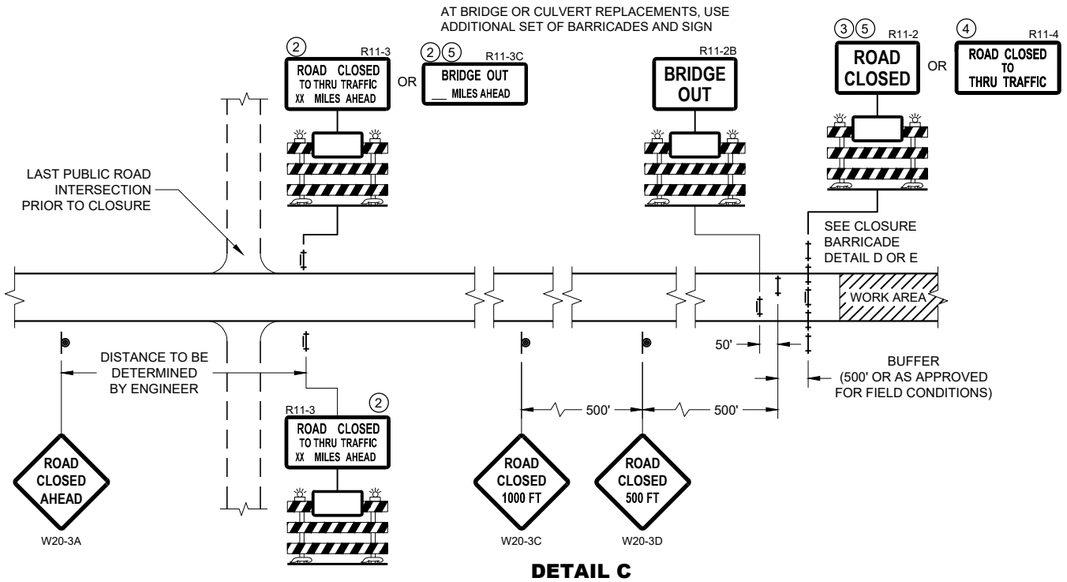
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

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

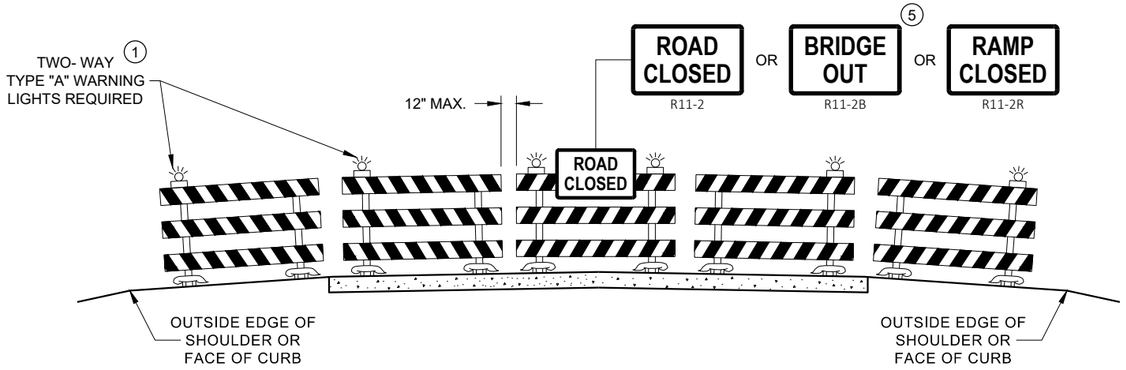
APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

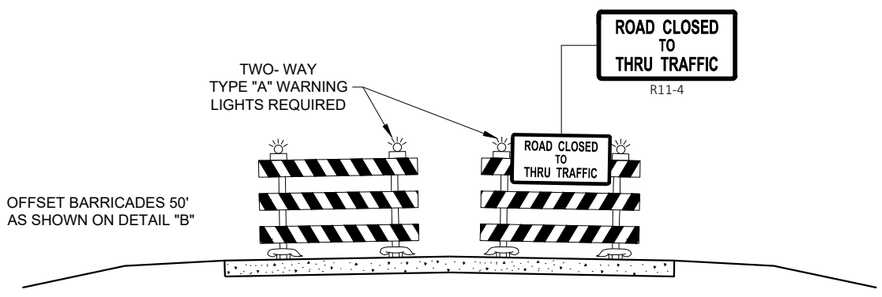
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SDD 15C02 - 09a

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

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 / EAST — M4 - 8, 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.

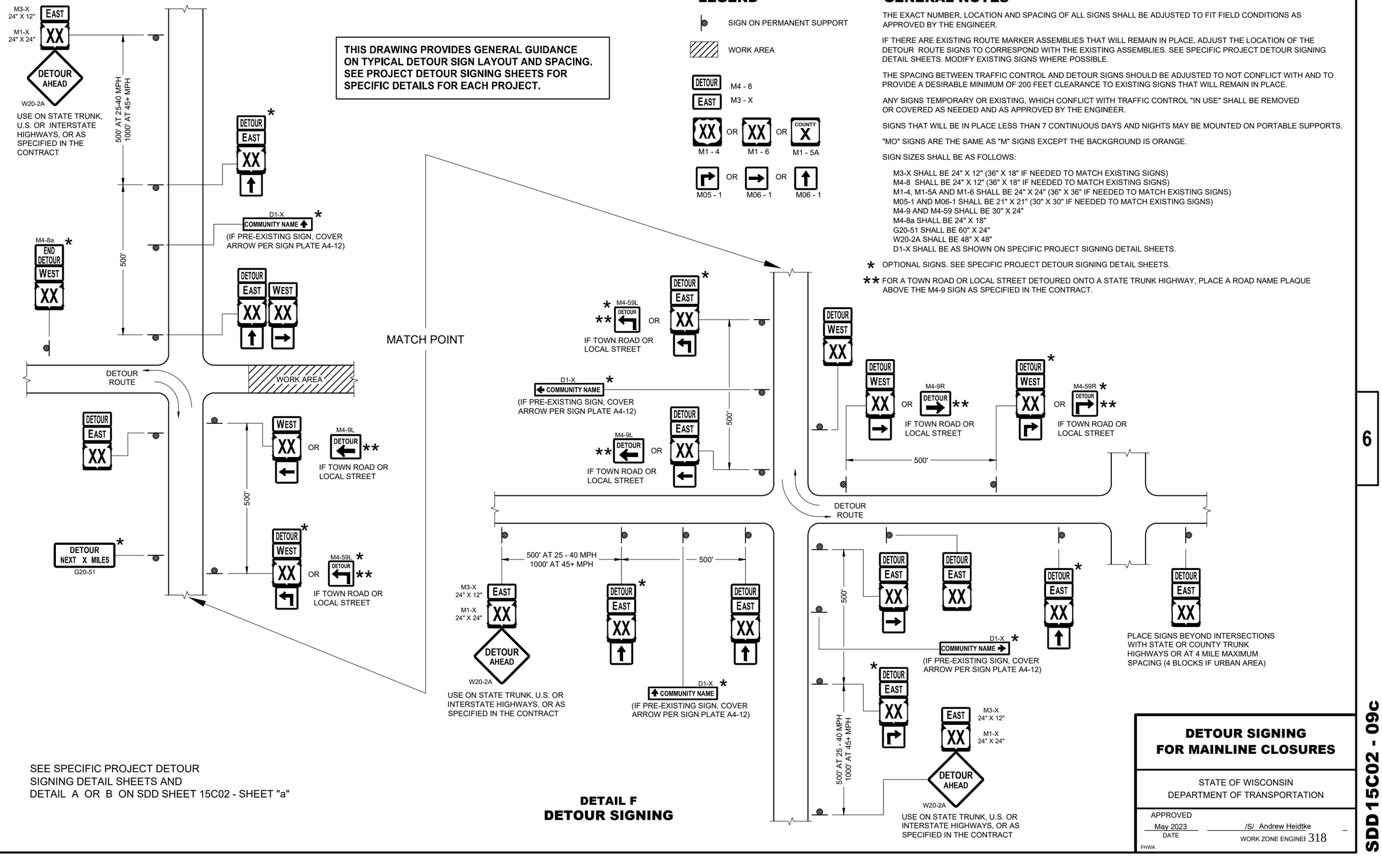
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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

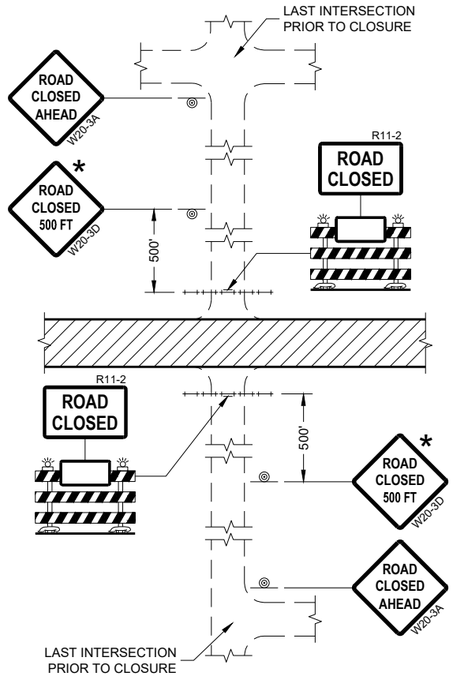
APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

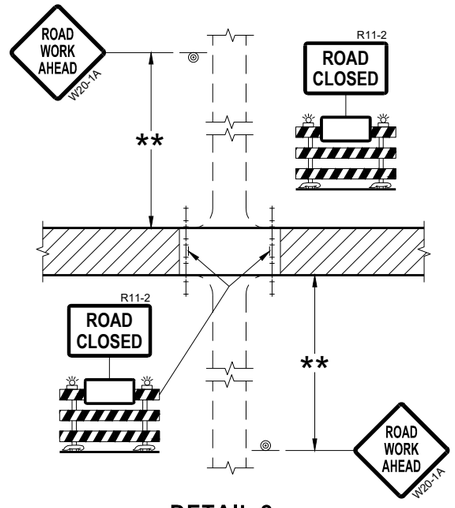
FHWA

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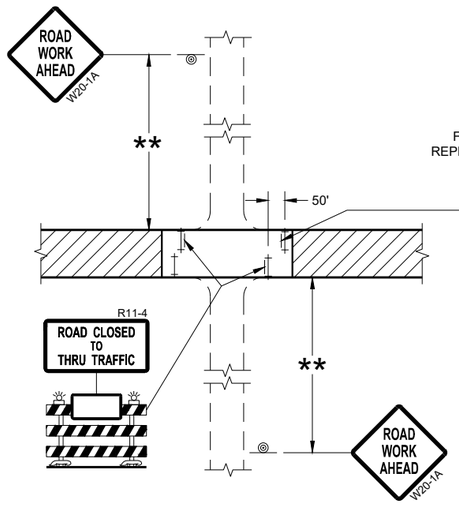
SDD 15C02 - 09c



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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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.

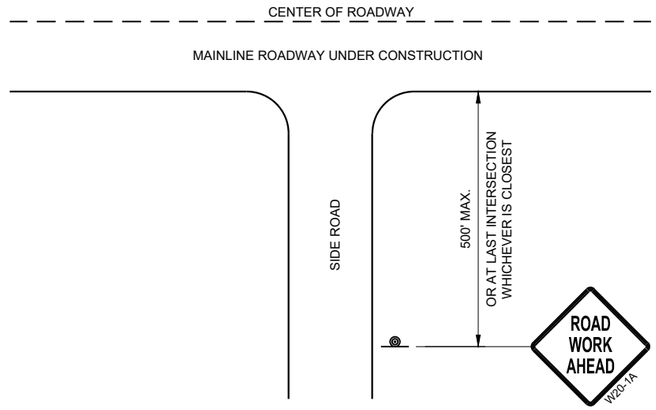
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

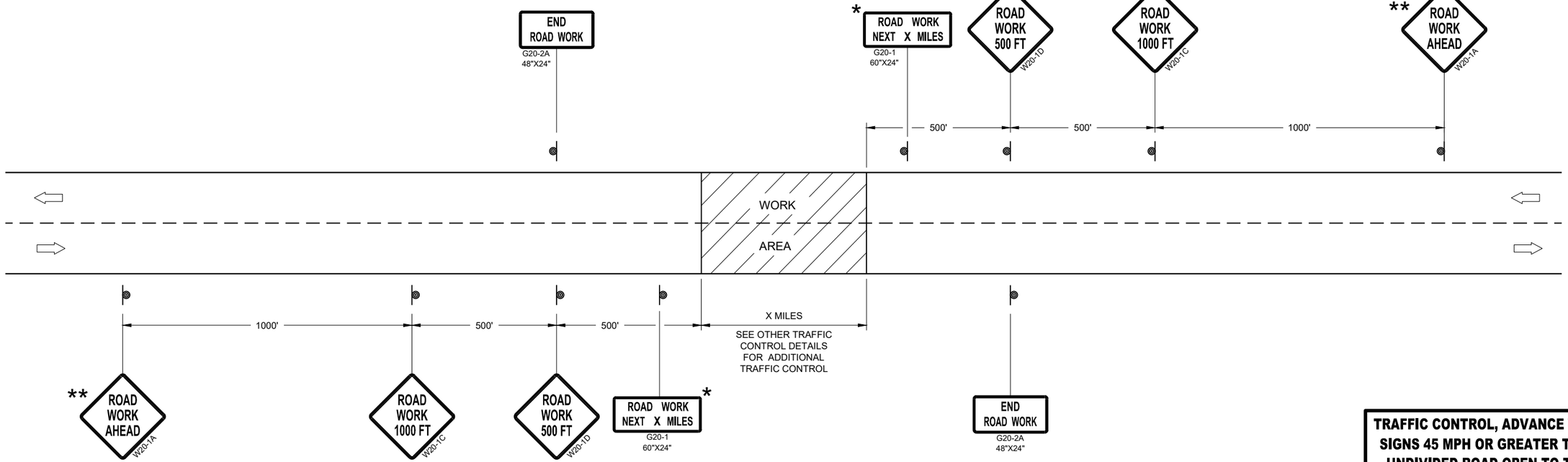
** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C04 - 05

GENERAL NOTES

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

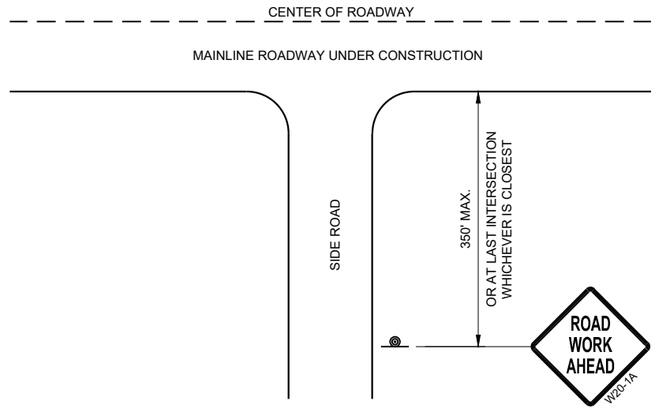
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

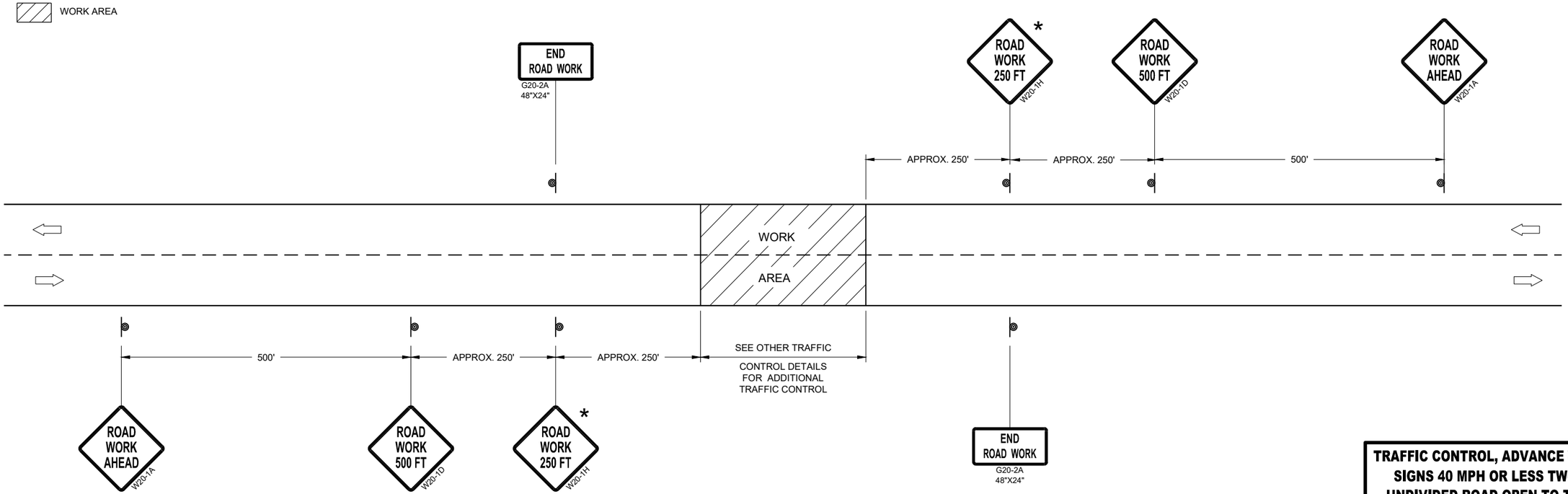
* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

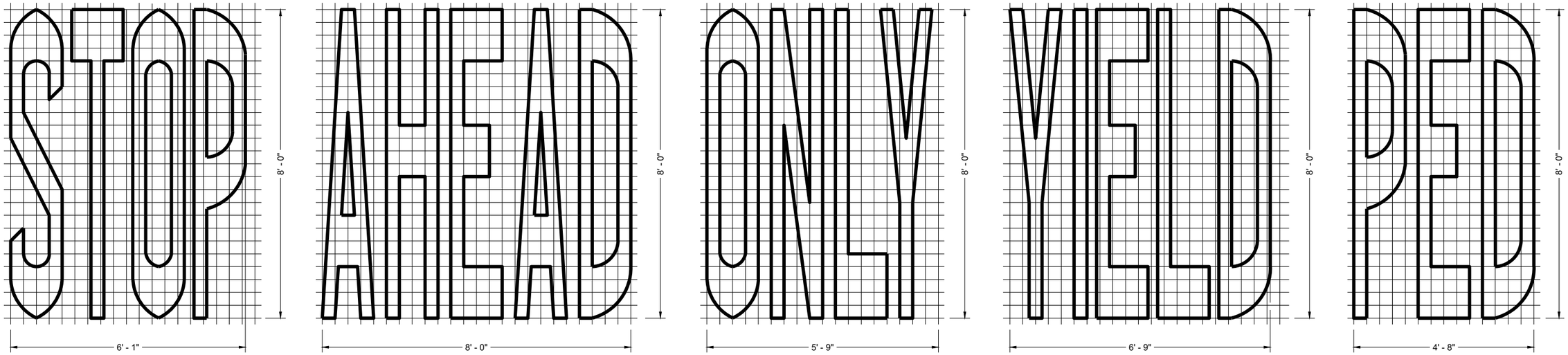
STATE OF WISCONSIN
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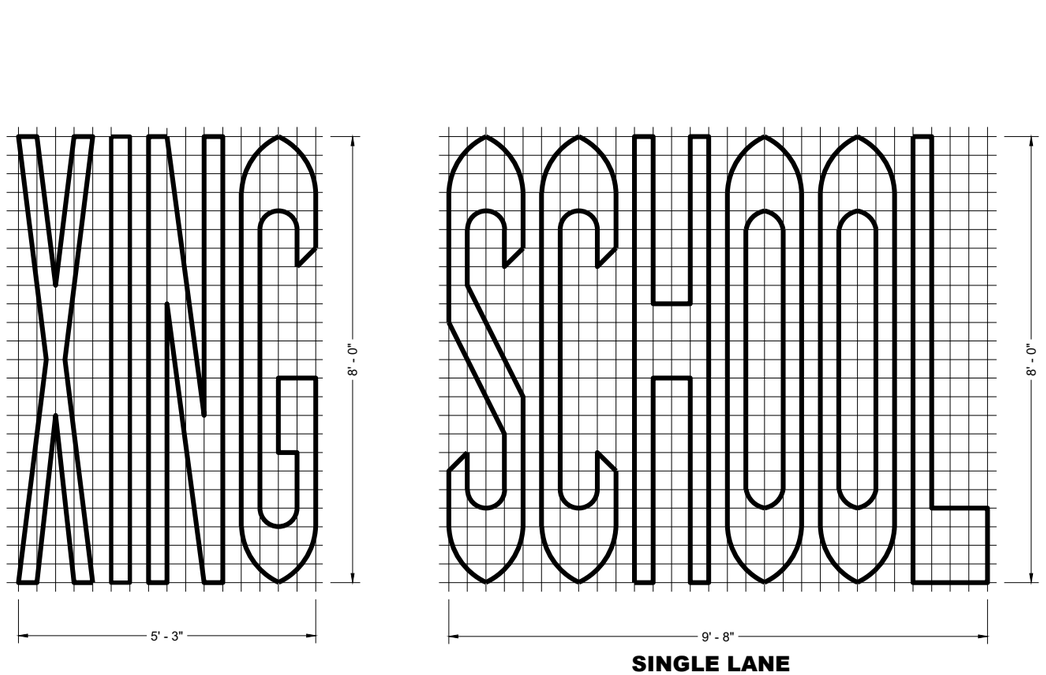
APPROVED
July 2018
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

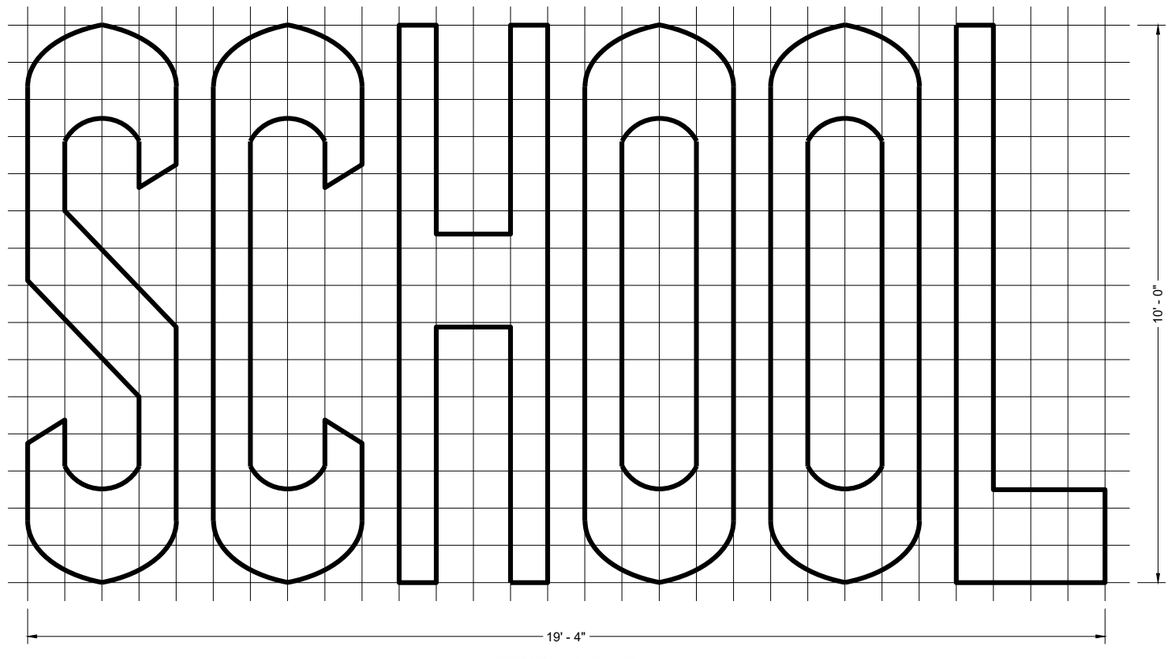
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SDD 15C05 - 05





SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

6

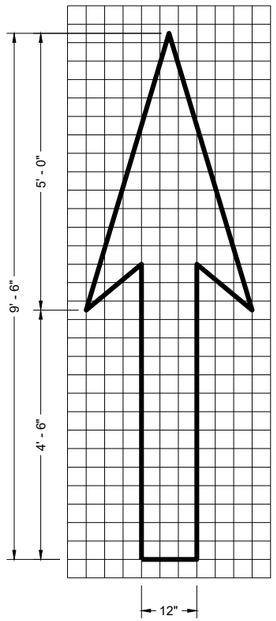
SDD 15C07-16b

6

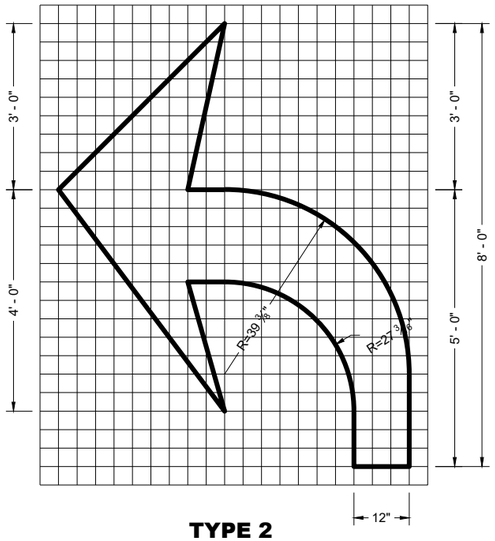
SDD 15C07-16b

GENERAL NOTES

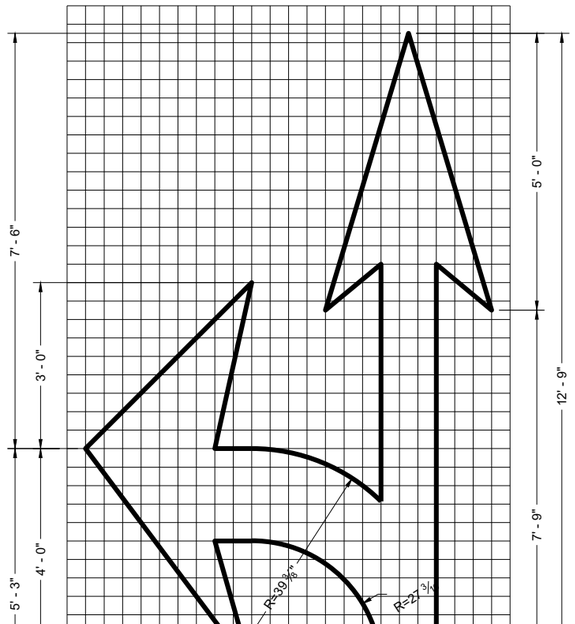
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



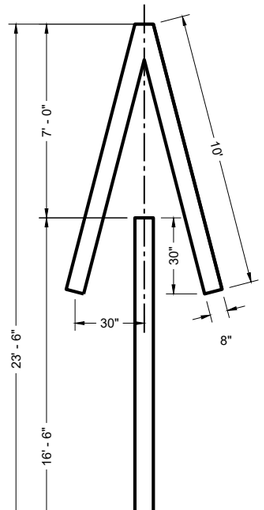
TYPE 1



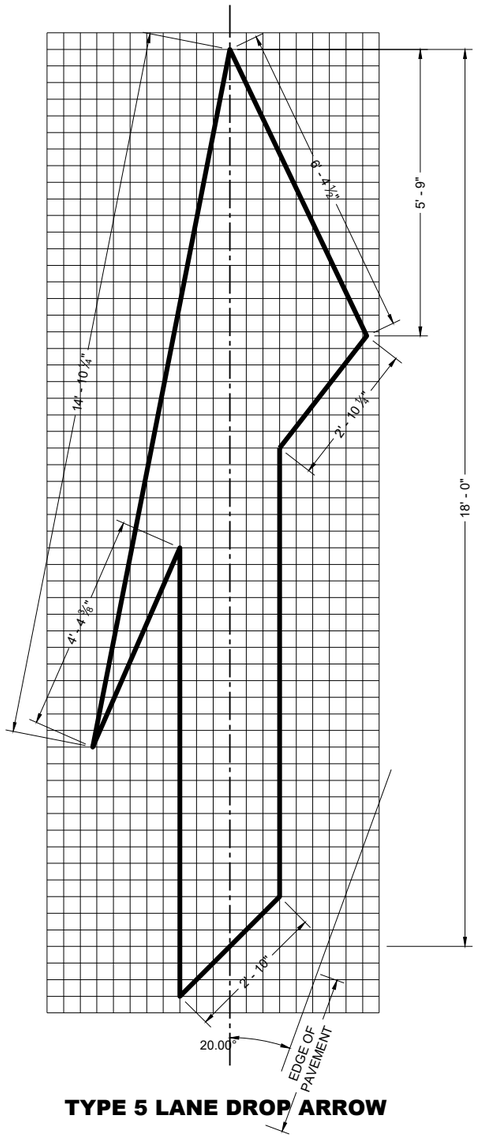
TYPE 2



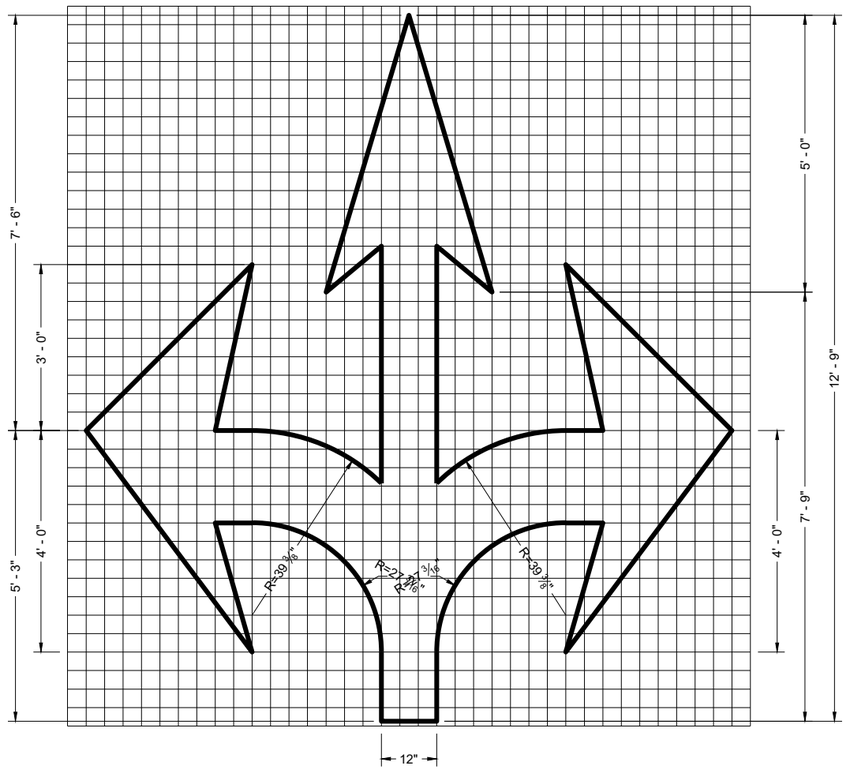
TYPE 3



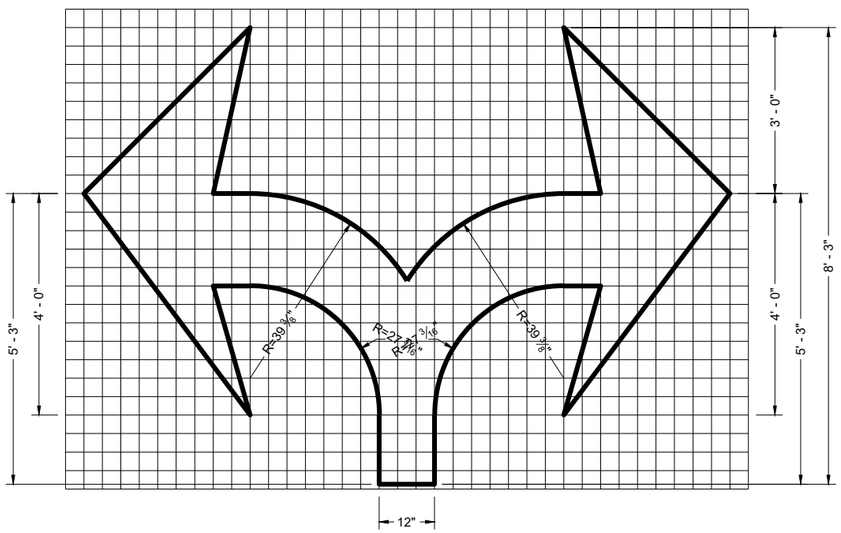
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

6

SDD 15C07-16c

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

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.

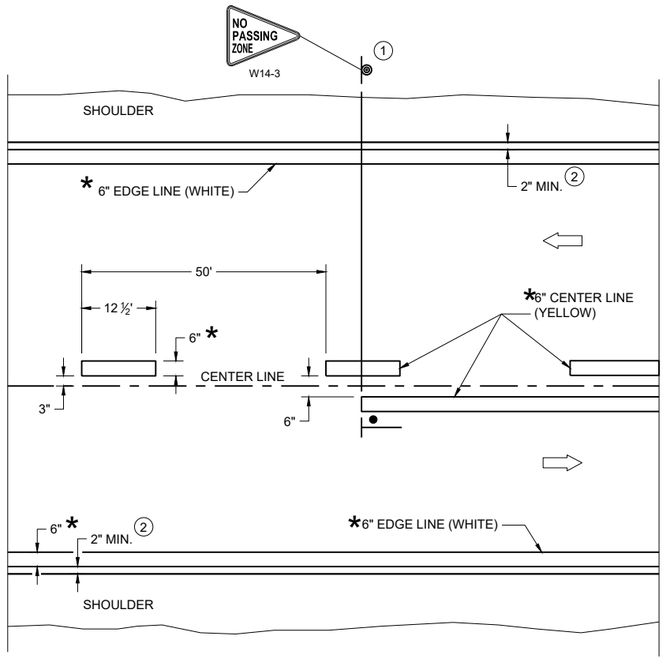
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

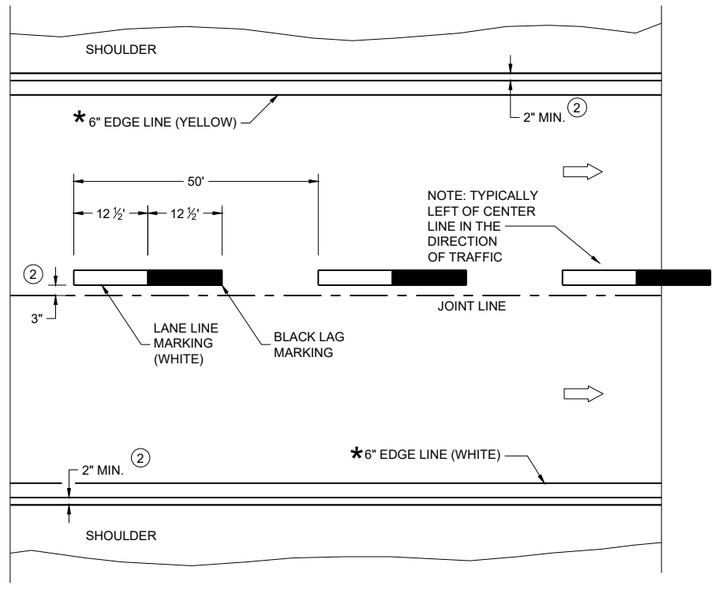
"T" MARKING

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

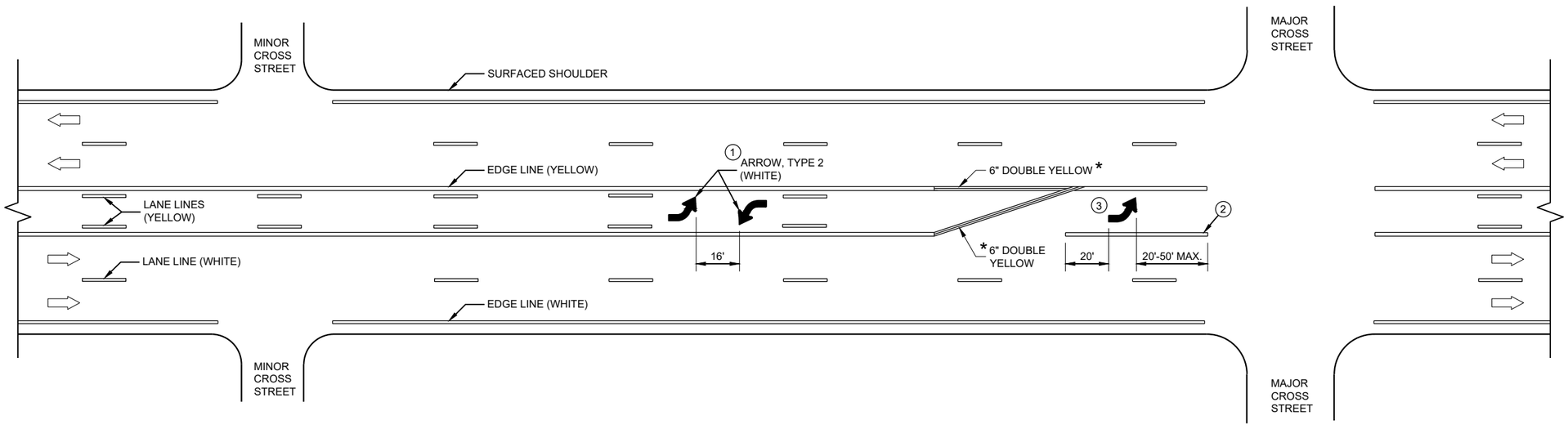
6
SDD 15C08-23a

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

DIRECTION OF TRAFFIC

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



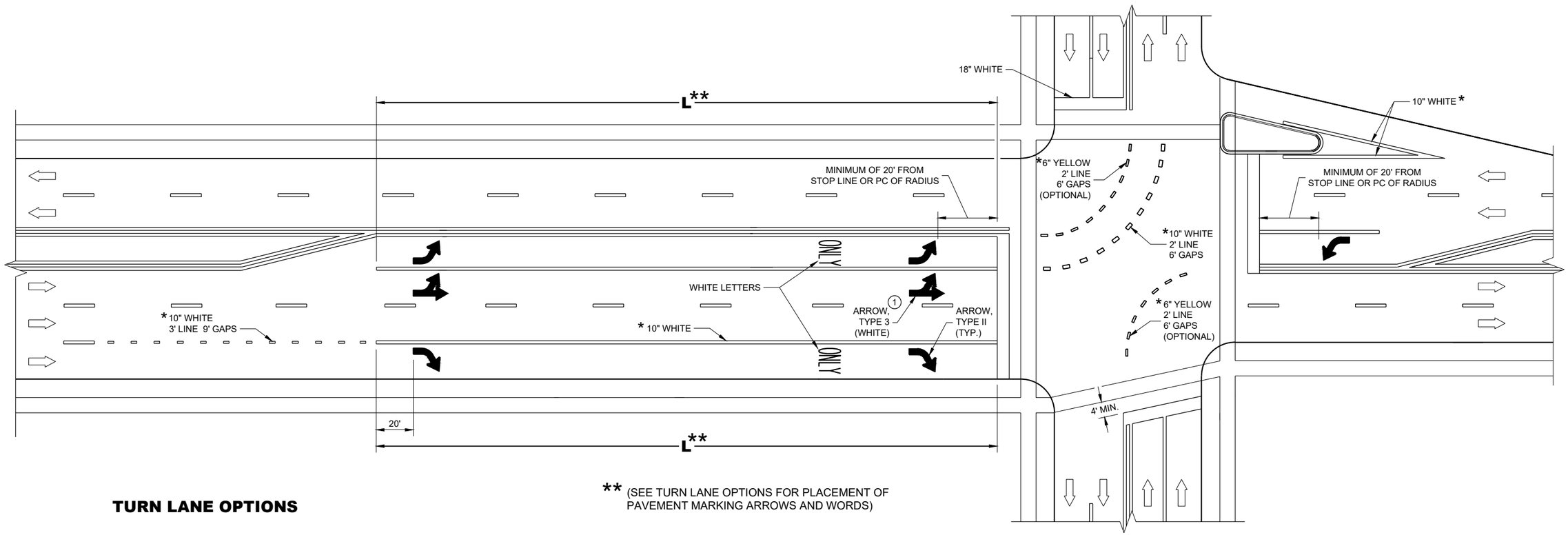
TWO WAY LEFT TURN LANE

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA· 325

SDD 15C08-23c

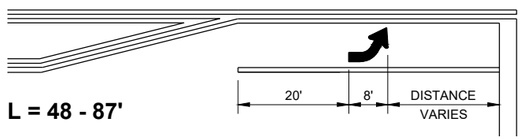
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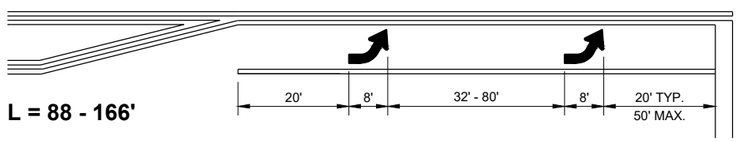
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

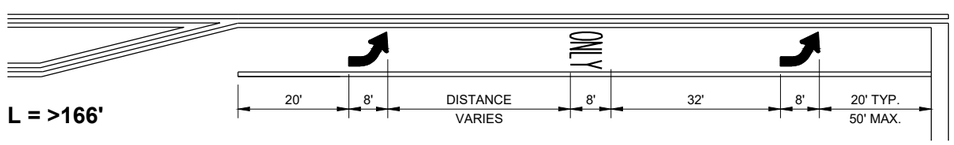
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



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)

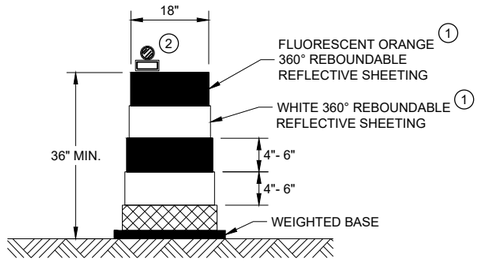
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C08-23d

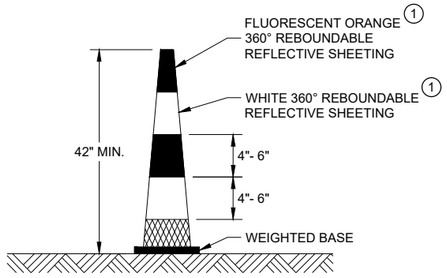
GENERAL NOTES

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

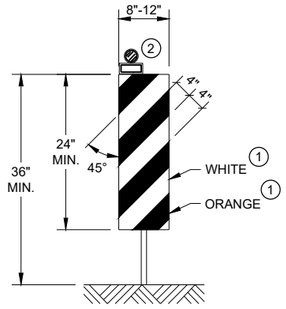
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

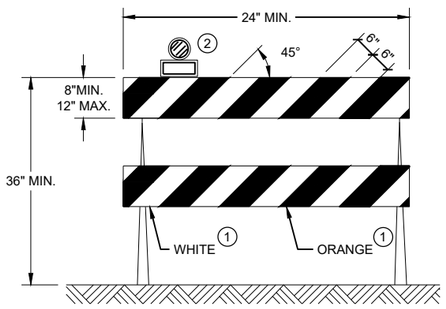
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



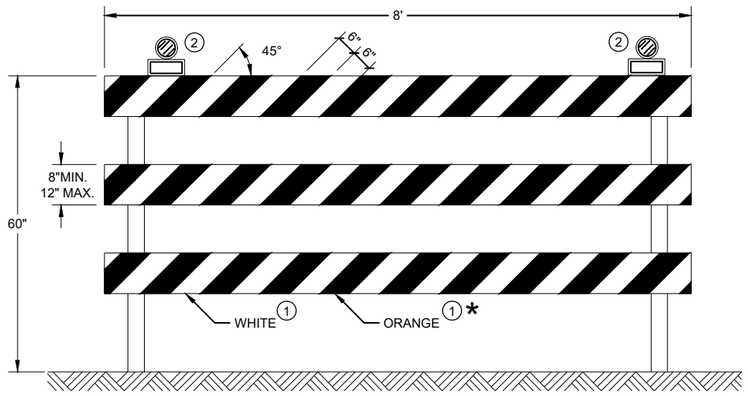
VERTICAL PANEL

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.

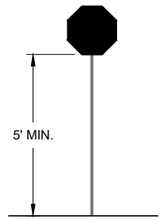
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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

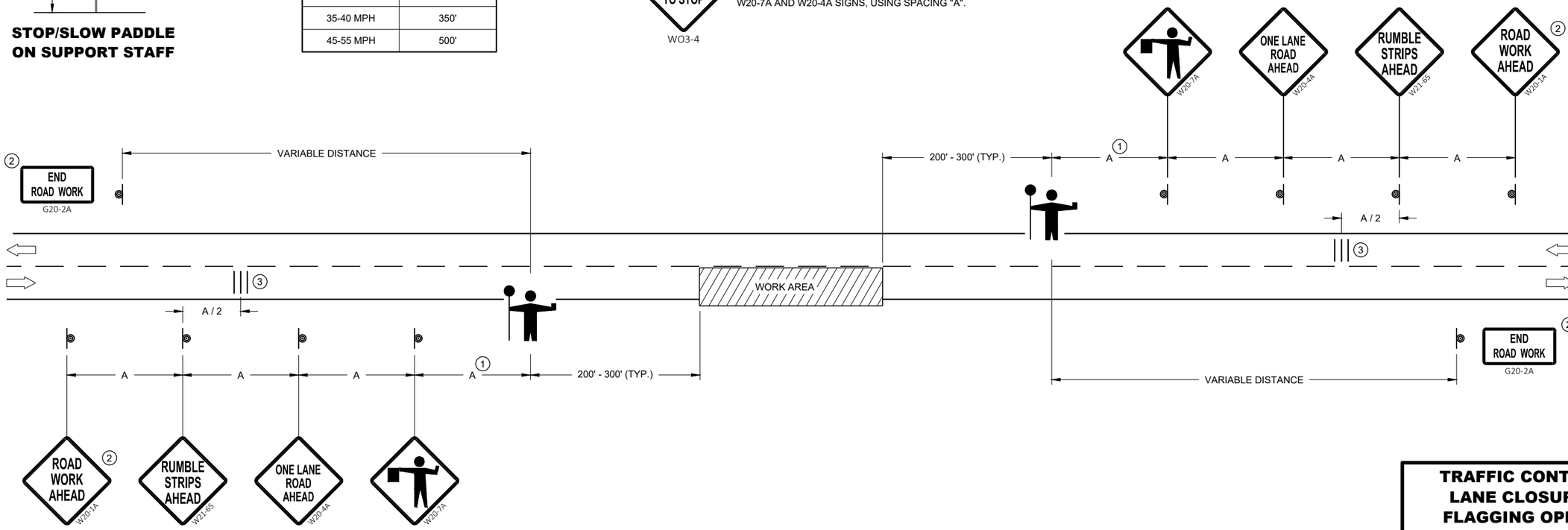
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

328

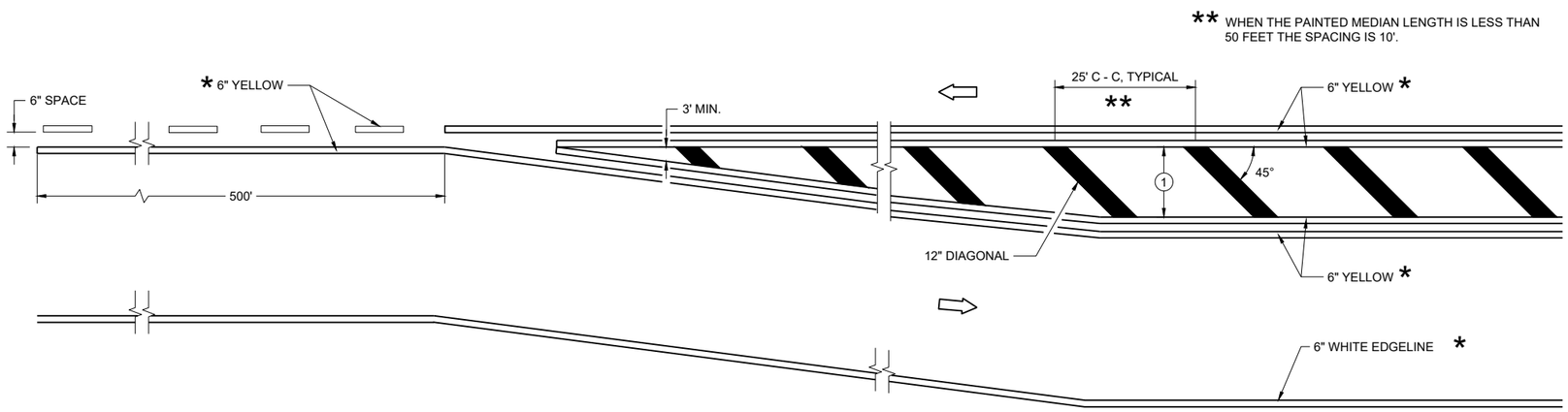
FHWA

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SDD 15C12 - 09a

6

SDD 15C12 - 09a



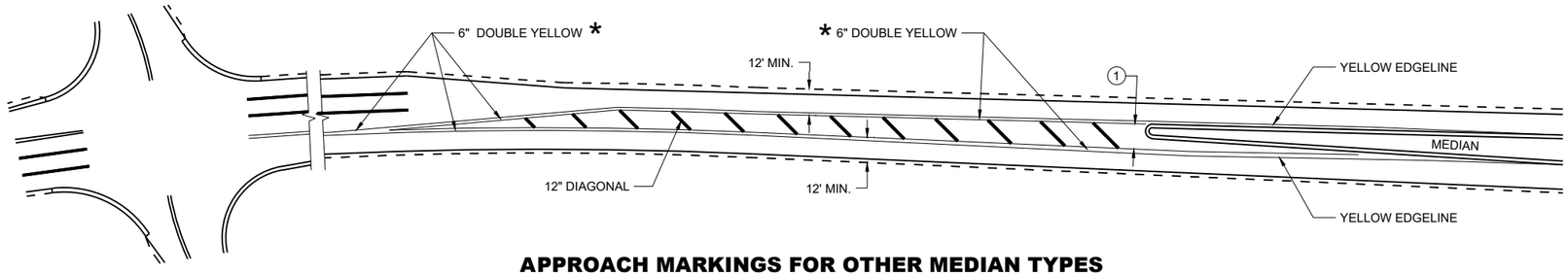
MEDIAN ISLAND DETAIL

GENERAL NOTES

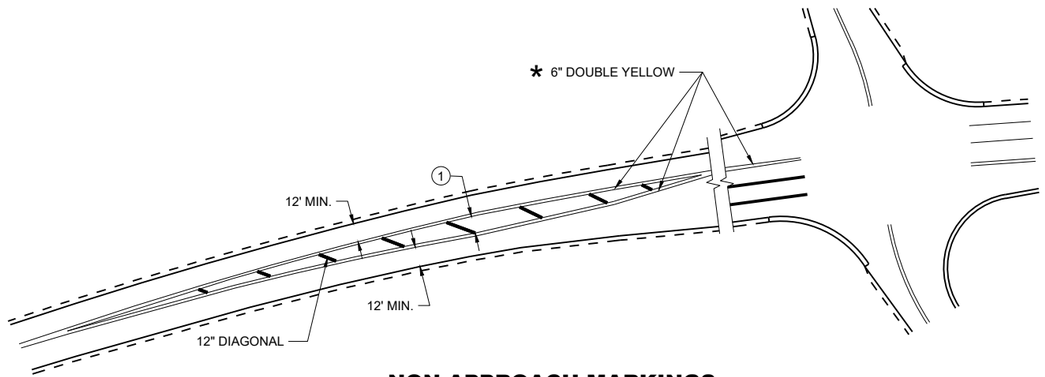
(1) DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

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

SDD 15C18-09a

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

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

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

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

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

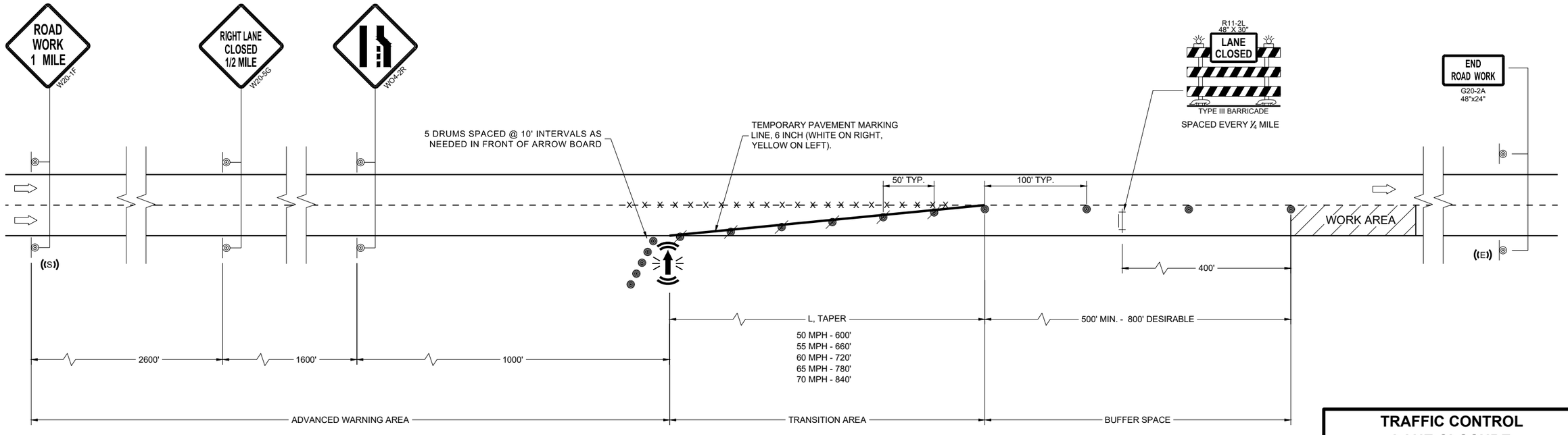
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER



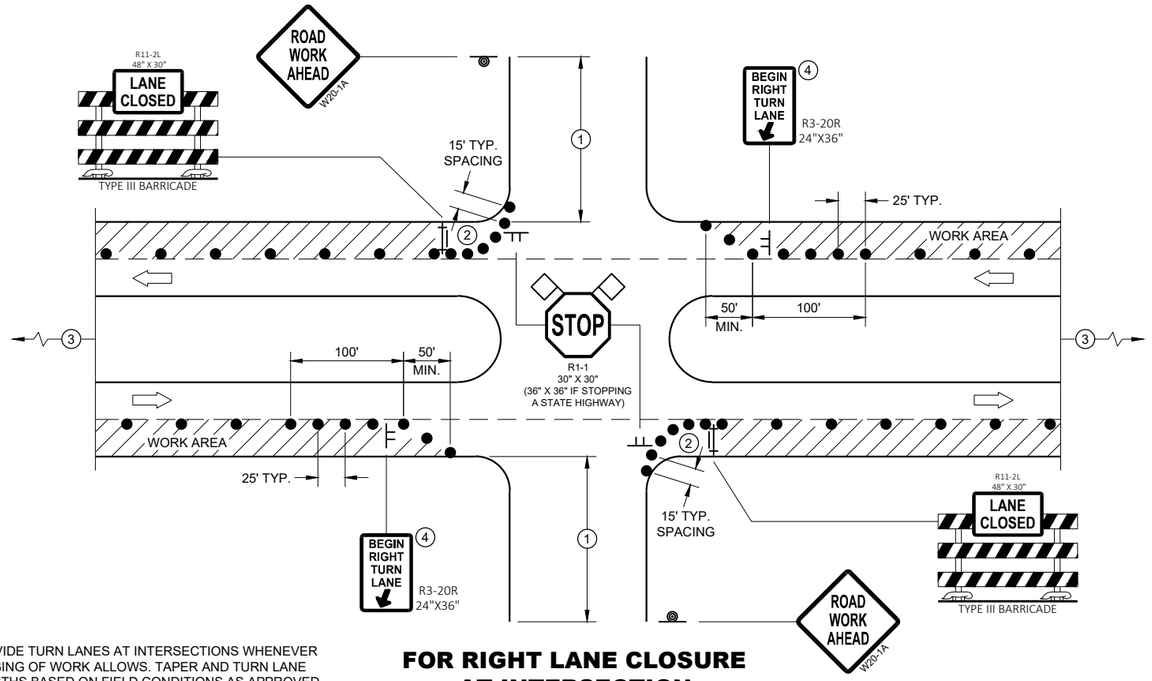
TRAFFIC CONTROL LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

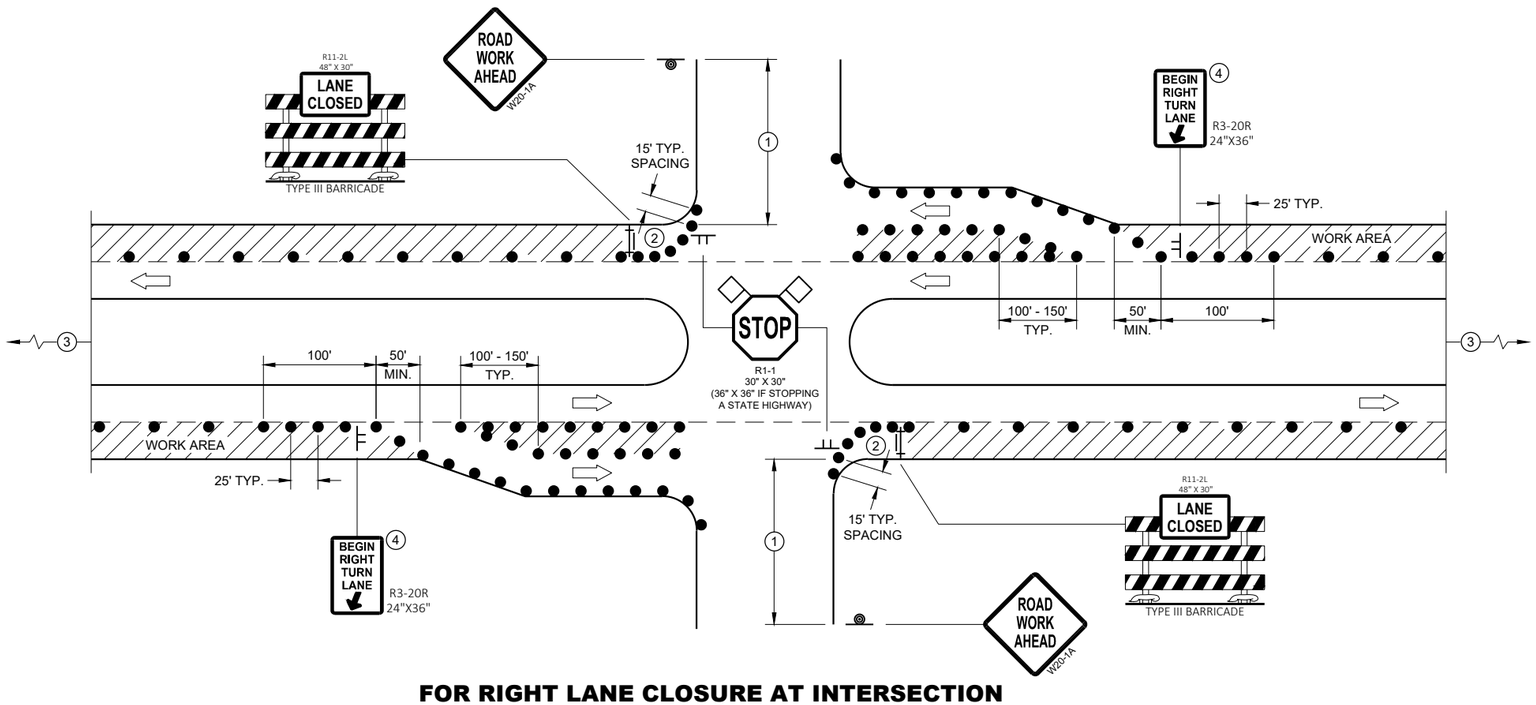
FHWA

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SDD 15D12-14a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT LANE CLOSURE AT INTERSECTION



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

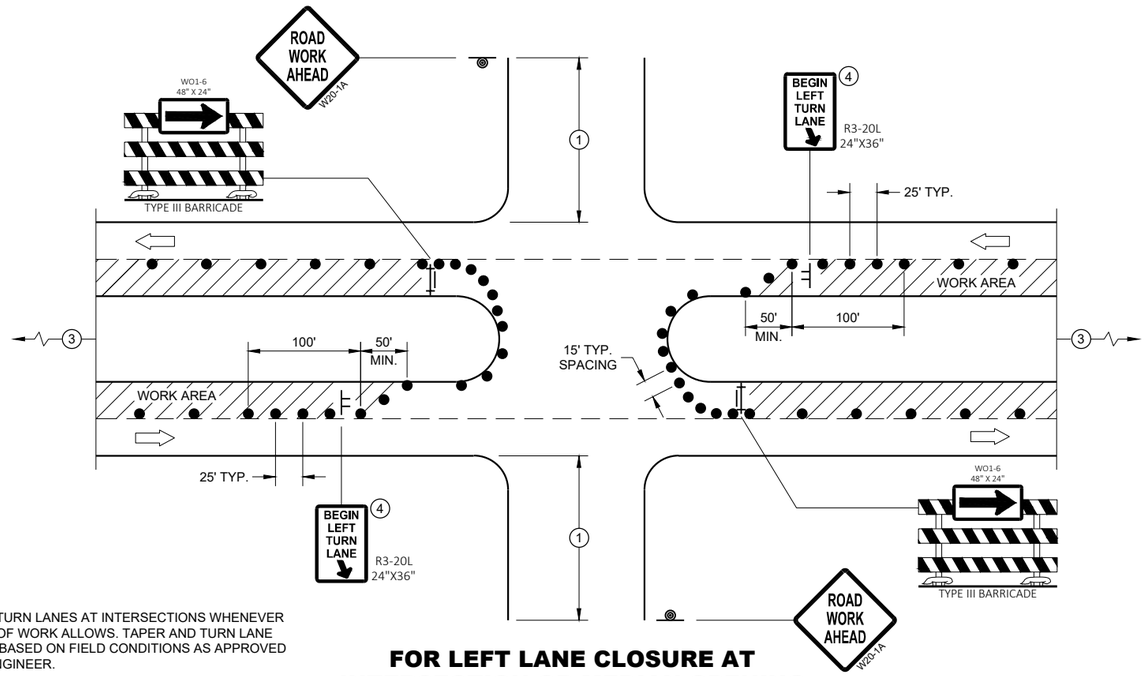
LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

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.

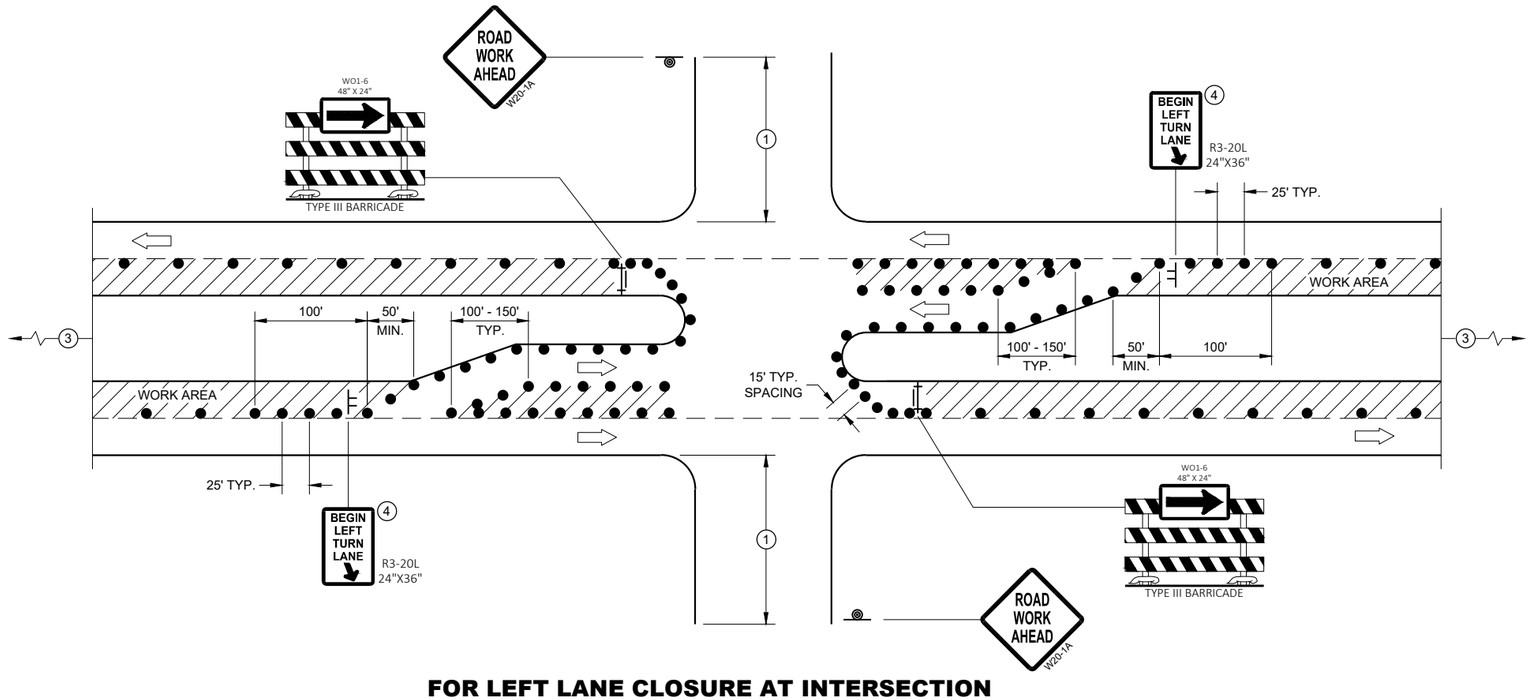
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(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

LEGEND

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

DIRECTION OF TRAFFIC

WORK ZONE

GENERAL NOTES

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 THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

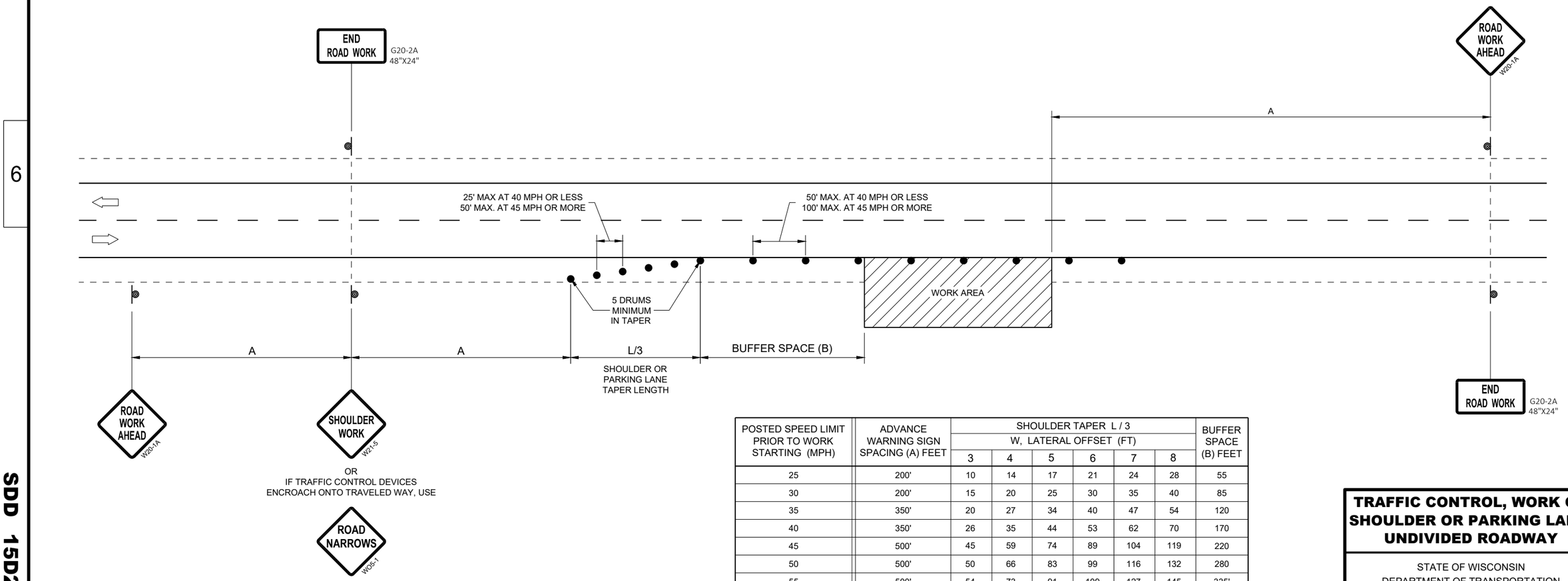
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

W20-1A 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 OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

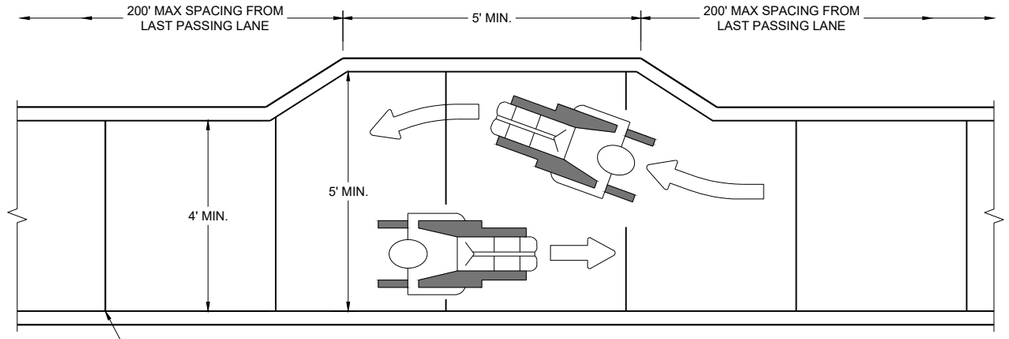
APPROVED
May 2020
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE T SAFETY ENGINEER

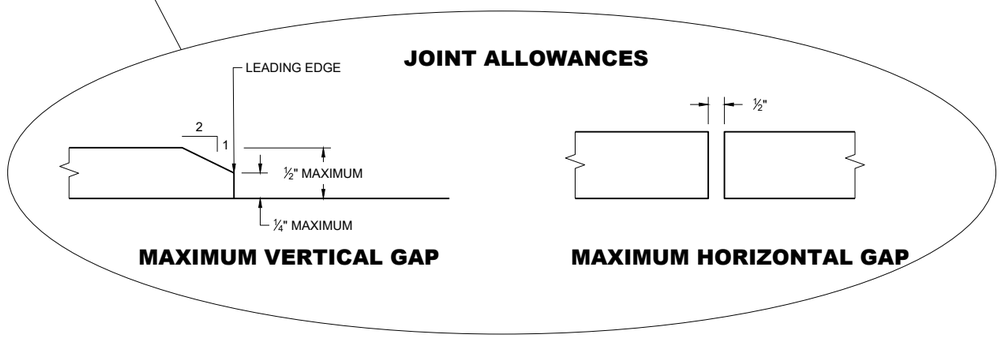
FHWA

SDD 15D28 - 04

SDD 15D28 - 04



NARROW SIDEWALK PASSING DETAIL



MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

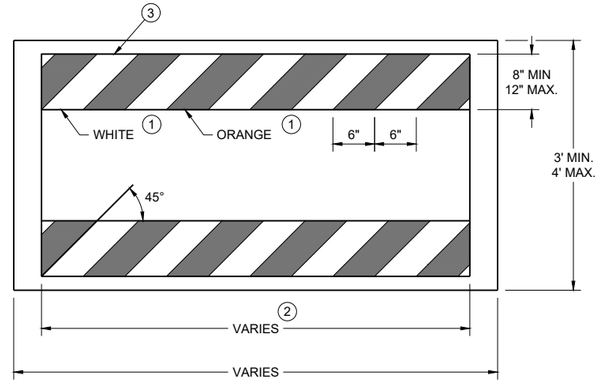
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

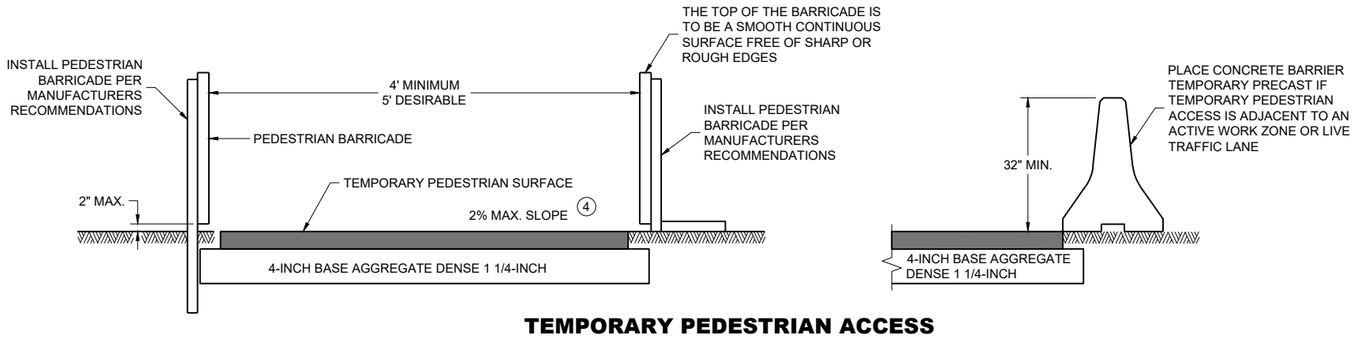
(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* 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 *

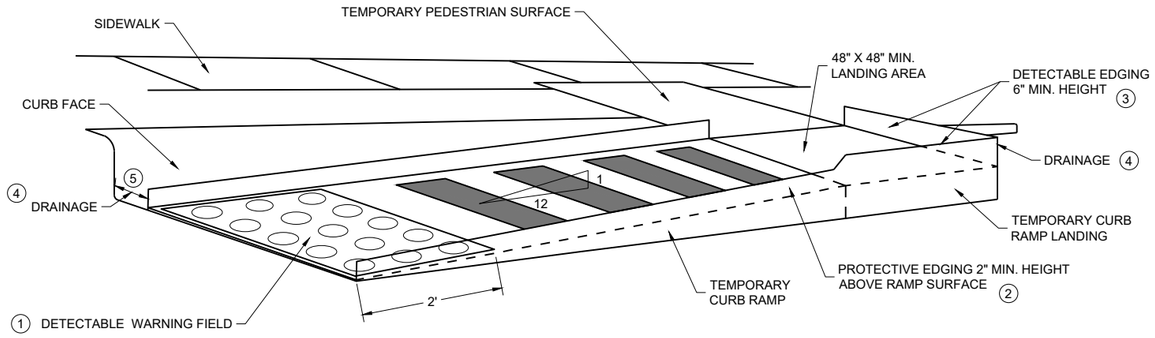


TEMPORARY PEDESTRIAN ACCESS

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-10a



PERSPECTIVE VIEW

GENERAL NOTES

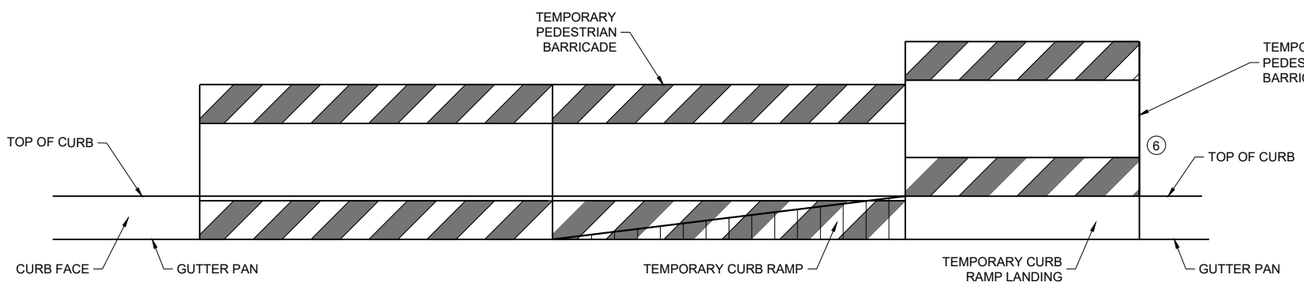
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

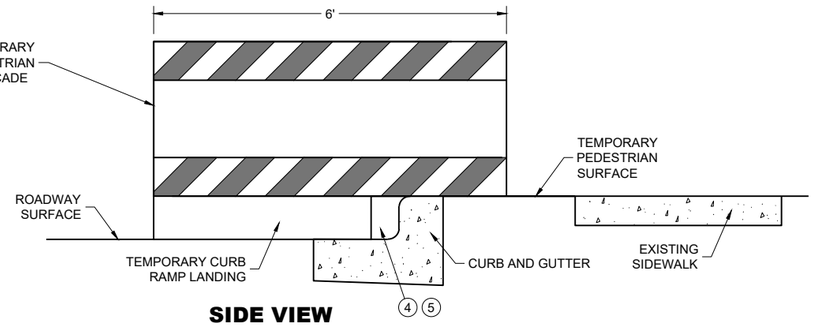
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

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

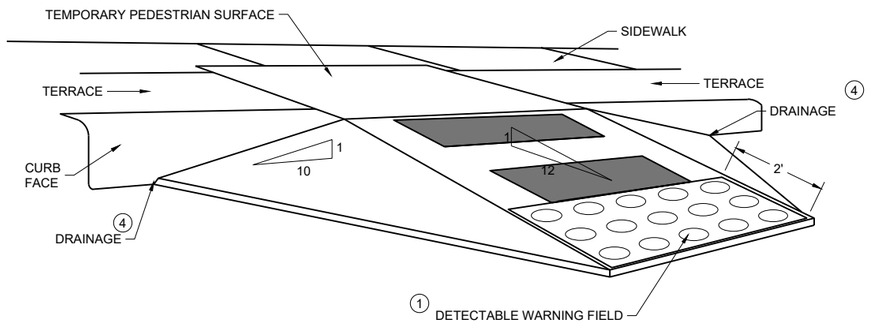
SDD 15D30-10b

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

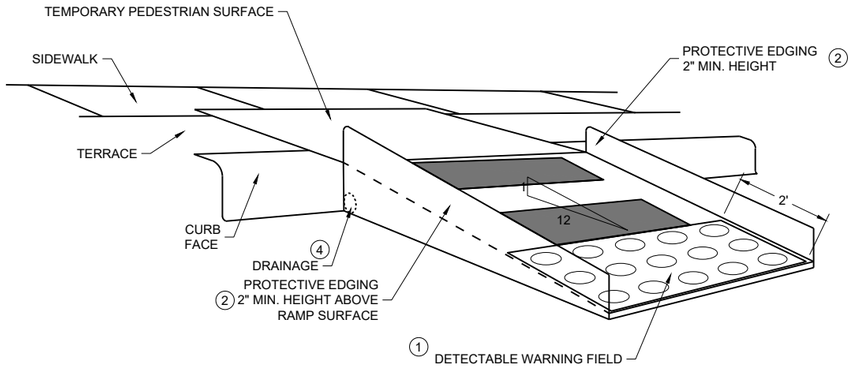
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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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.

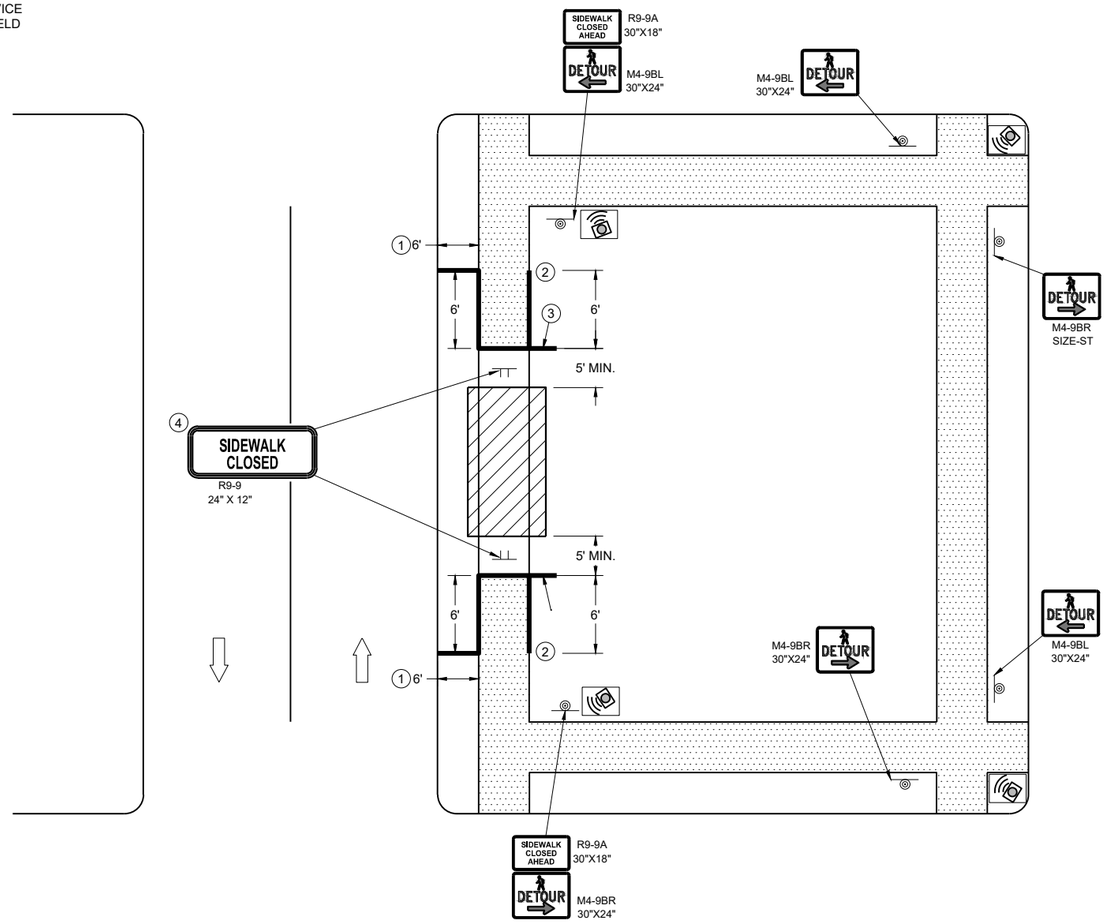
(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

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 ONLY ON ONE SIDE

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.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-10f

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

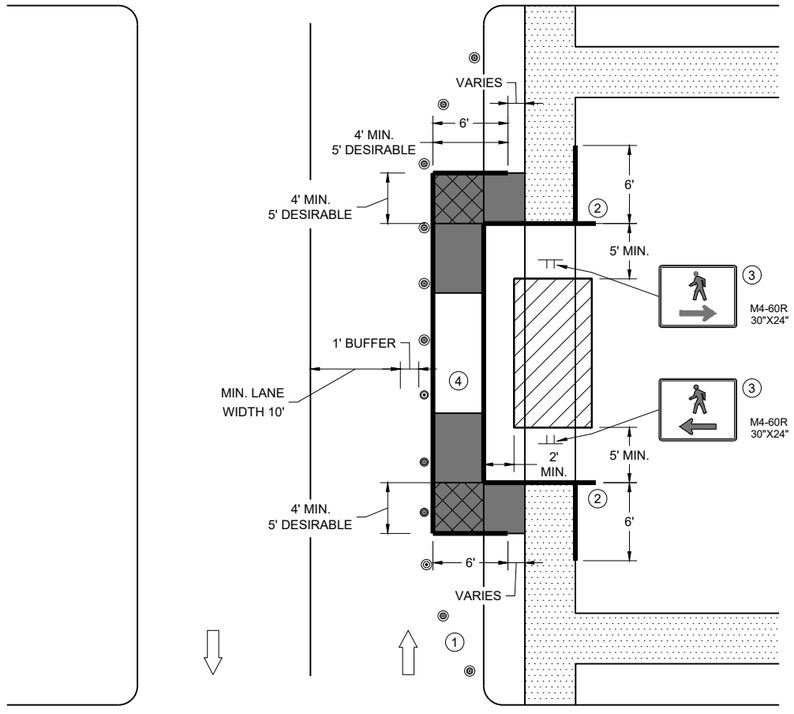
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(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.



SIDEWALK BYPASS, SINGLE SIDE

6

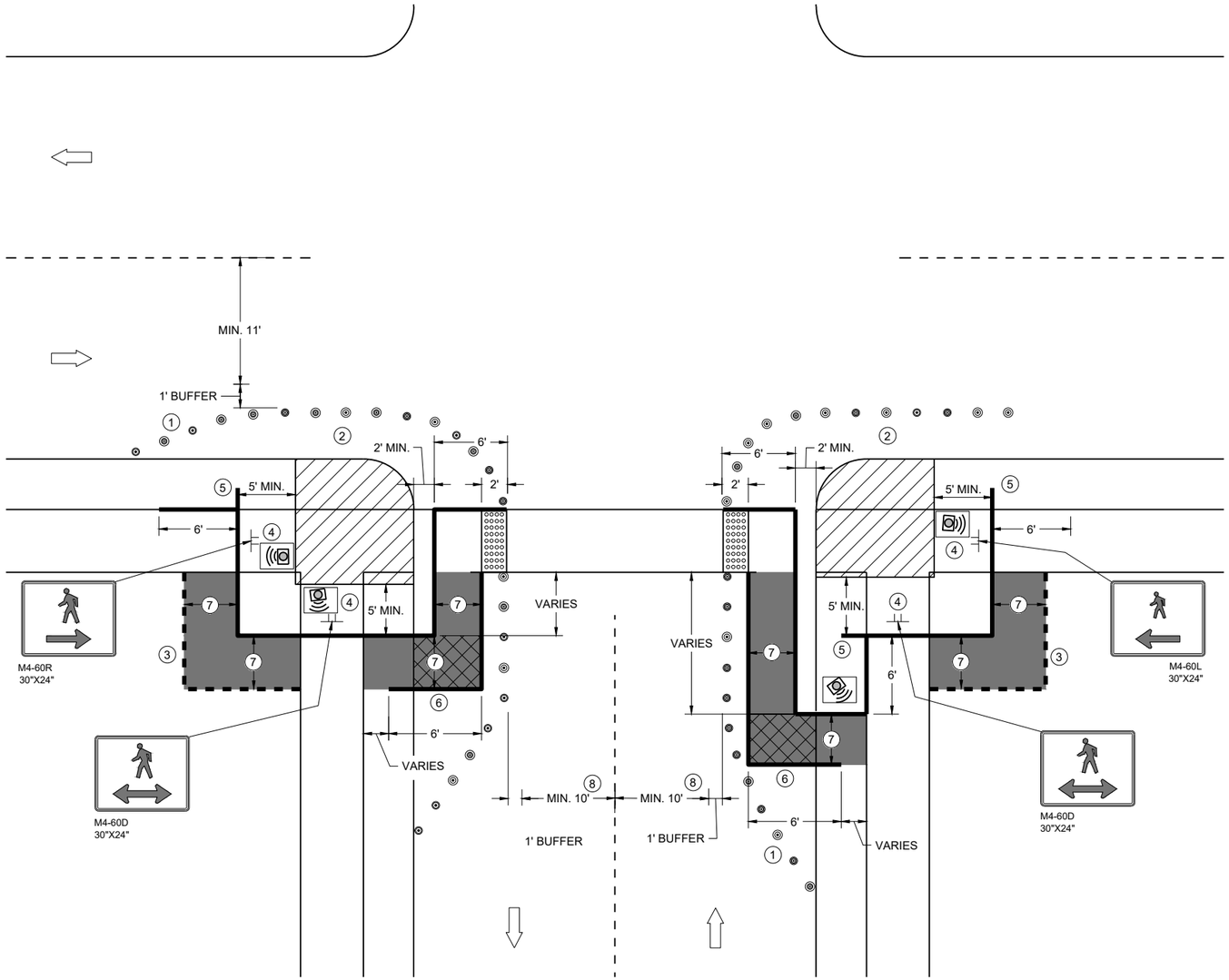
SDD 15D30-10h

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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)

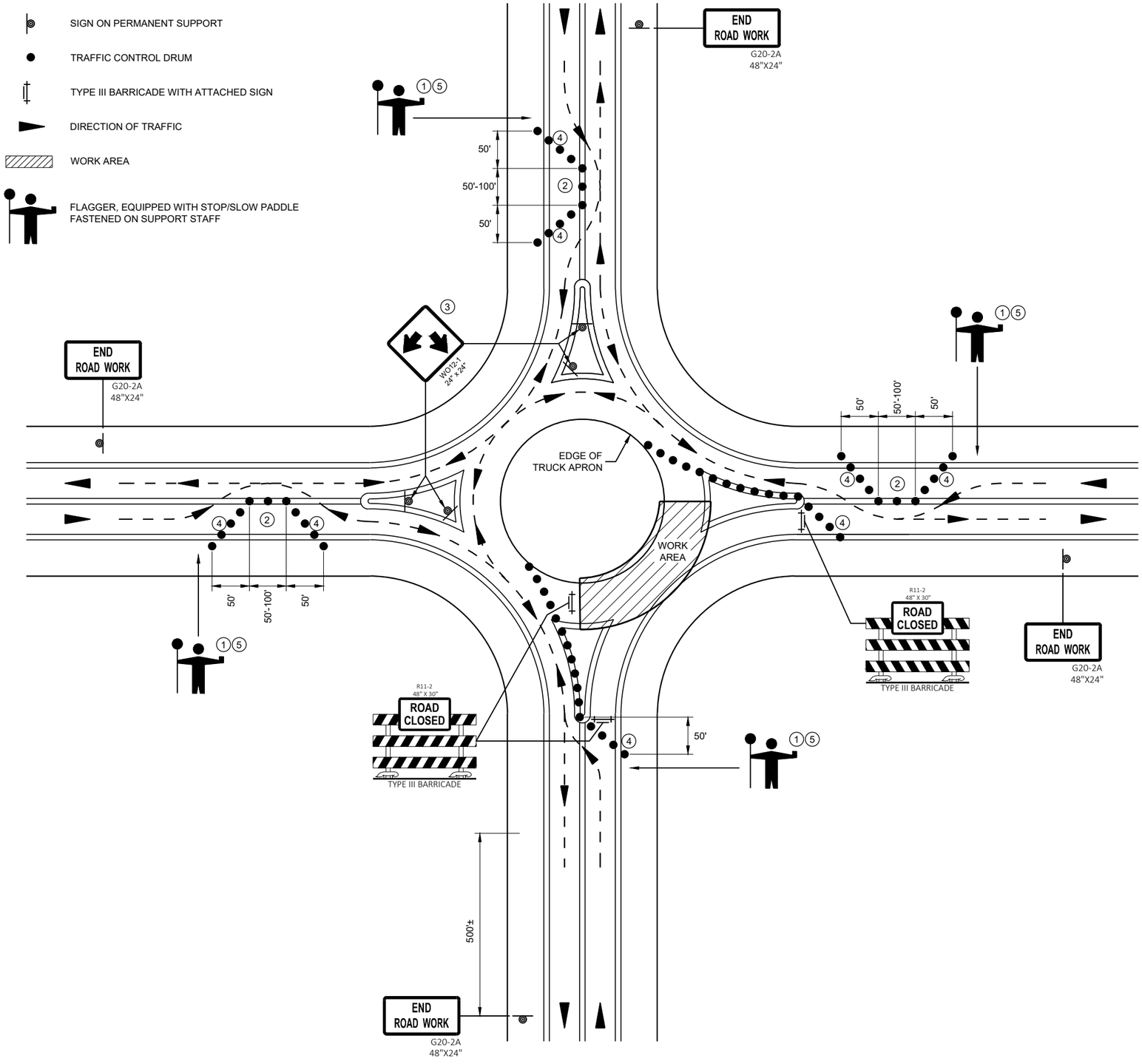
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-10i

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF



GENERAL NOTES

ALL SIGNS ARE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE 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.

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

ONLY ONE QUADRANT OF TRAFFIC SHALL BE RELEASED AT A TIME.

FLAGGERS SHALL CONTROL TRAFFIC ON ALL APPROACHES OF THE ONE-LANE ROUNDABOUT. ONE FLAGGER SHALL BE DESIGNATED LEAD FLAGGER.

NIGHT TIME WORK REQUIRES ADDITIONAL LIGHTING AT FLAGGER STATION(S).

1. FLAGGERS SHALL BE IN DIRECT RADIO CONTACT AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.
2. ADJUST CHANNELIZING DEVICES TO ACCOMMODATE FOR TURNING RADIUS OF LARGE VEHICLES AS DIRECTED BY THE ENGINEER.
3. GUIDE SIGN WITH ROAD NAMES MAY BE USED IN LIEU OF THE DOUBLE ARROW (WO12-1) SIGN.
4. THE TWO- WAY TAPER SHOULD BE 50 FEET USING 5 EQUALLY SPACED DRUMS.
5. FOLLOW SDD 15C12 FOR FLAGGING AND ADVANCE WARNING.

RECOMMENDED REDUCED DRUM SPACING WITHIN ROUNDABOUT

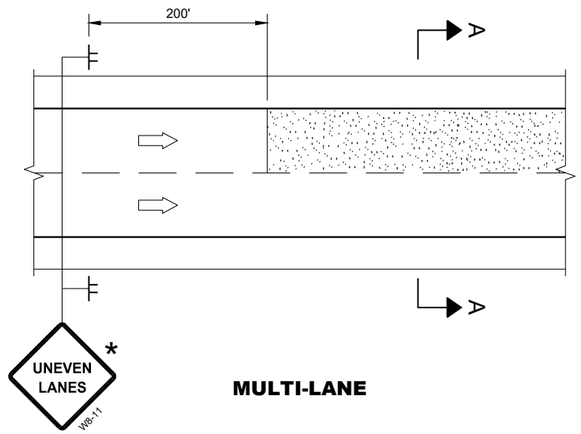
MPH	DRUM SPACING (FT)
0-40	25
45-55	50

TRAFFIC CONTROL, FLAGGING OPERATION, ROUNDABOUT

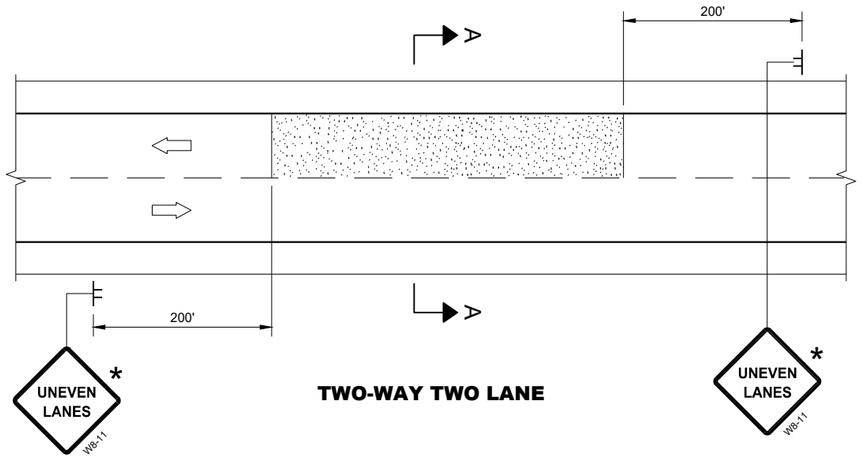
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020 — DATE
/S/ Andrew Heidtke — STATEWIDE WORK ZONE T SAFETY ENGINEER
FHWA

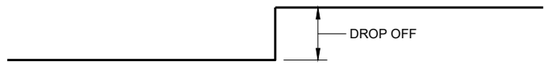
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SDD 15D37 - 03



MULTI-LANE

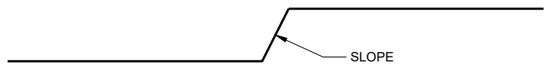


TWO-WAY TWO LANE

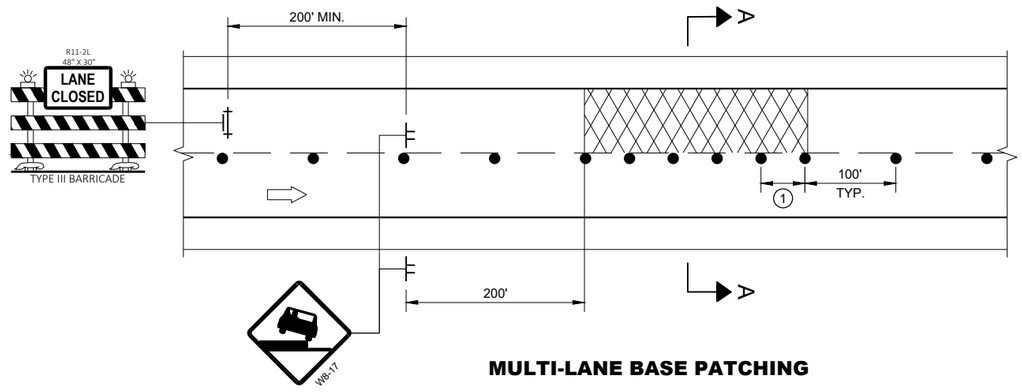


SECTION A - A

OR



SECTION A - A



MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS

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.

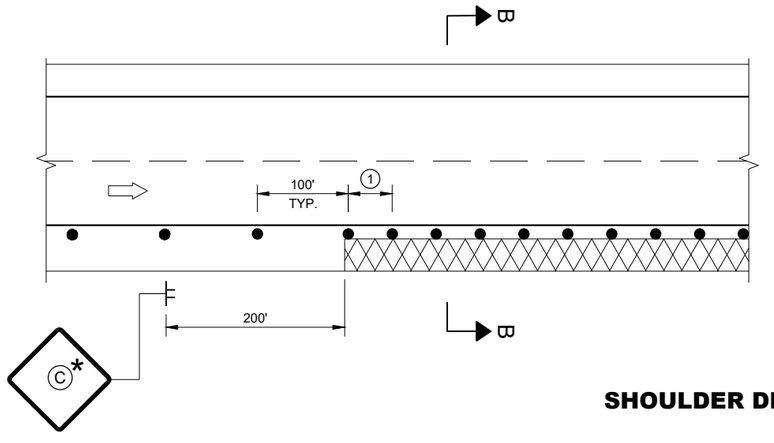
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

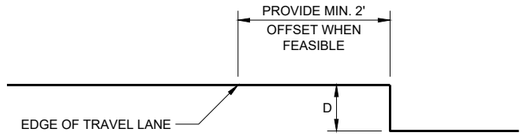
(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

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



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

- EXISTING SIGN ON PERMANENT SUPPORT
- NEW SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

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

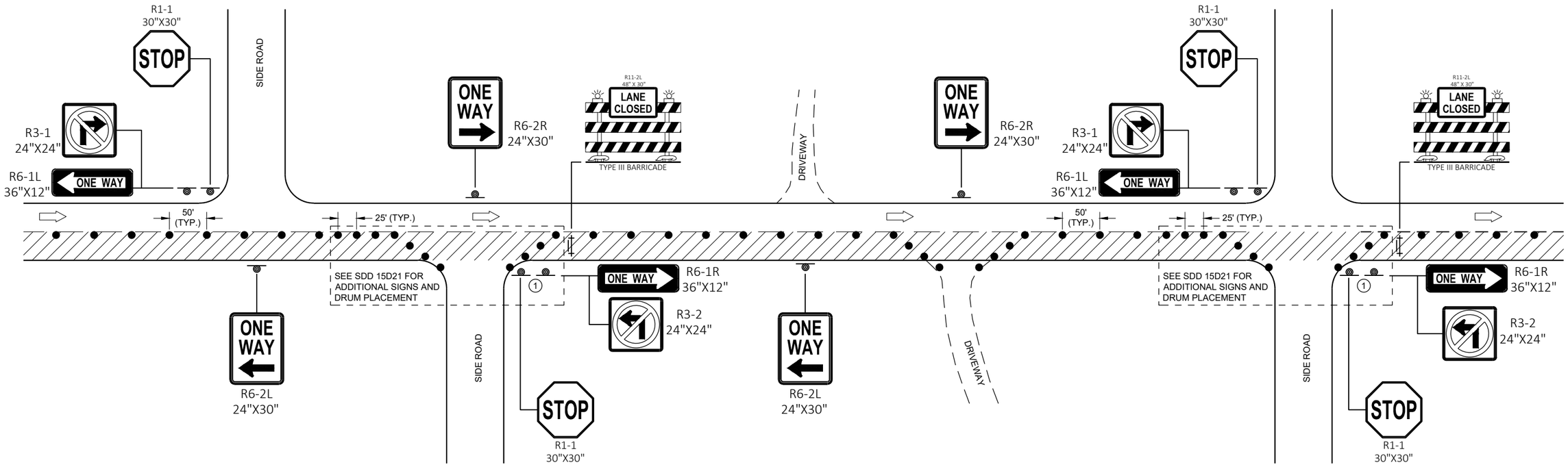
ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

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.

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.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) IF WORK OPERATIONS ALLOWS, MOVE R1-1, R6-1R, AND R3-2 CLOSER TO INTERSECTION.



TRAFFIC CONTROL
ONE - WAY SIGNING

TRAFFIC CONTROL ONE-WAY SIGNING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2020 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEE
FHWA	

6

SDD 15D46 - 01

SDD 15D46 - 01

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.

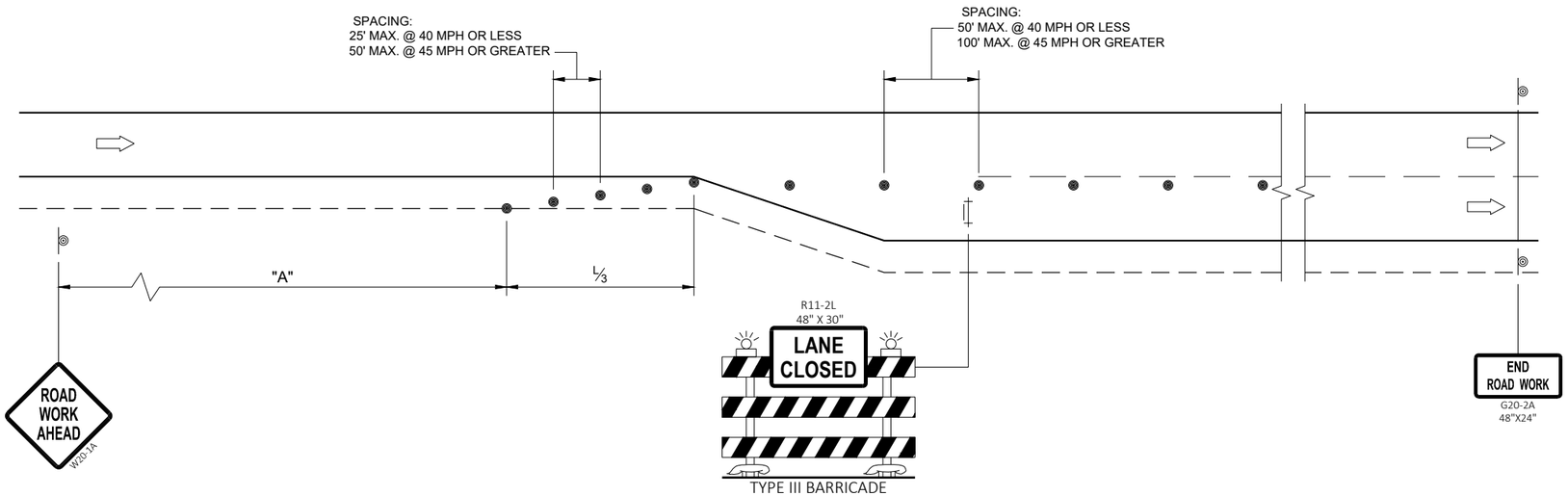
"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

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

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER (L/2) FEET
25	200	60
30	200	90
35	350	120
40	350	160
45	500	270
50	500	300
55	500	330

GENERAL NOTES

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"x36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

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

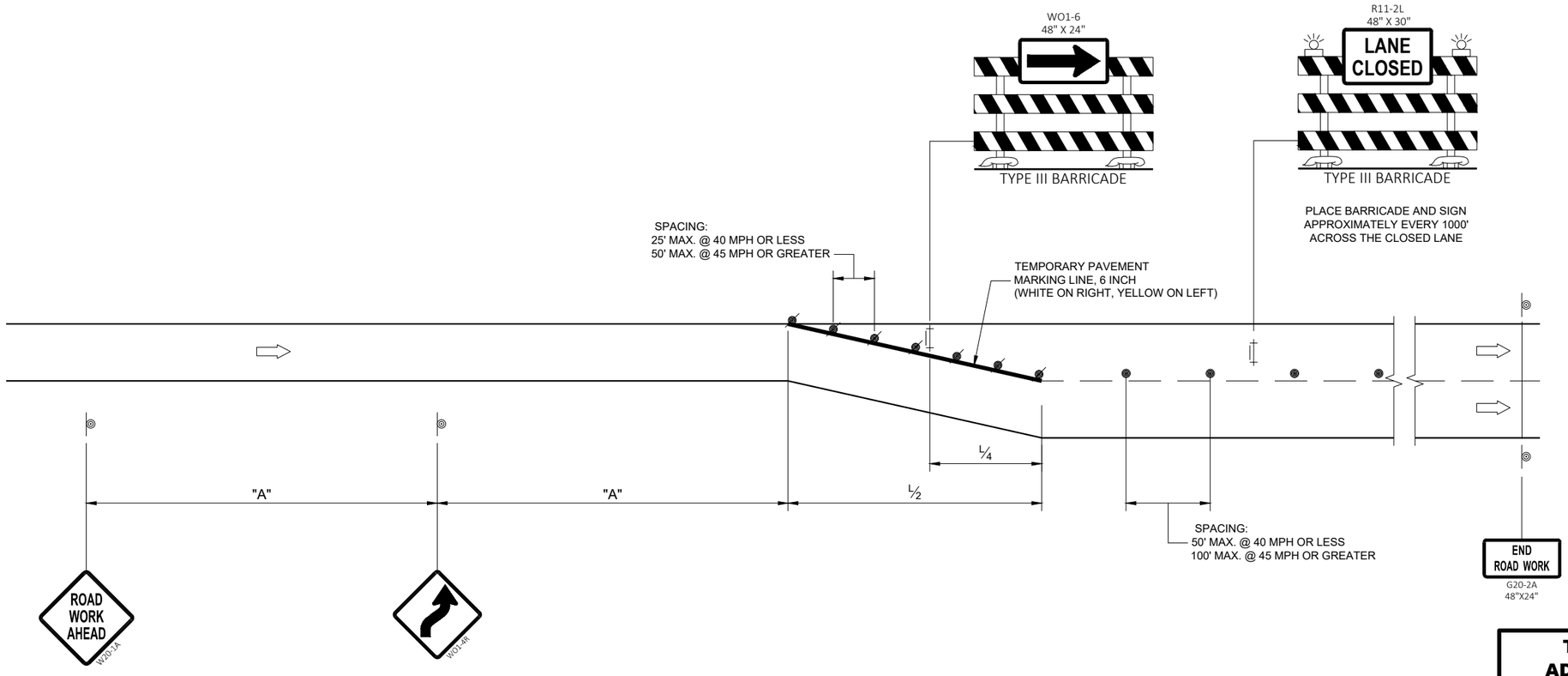
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION WORK IS LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS.

PLACE TEMPORARY PAVEMENT MARKING AND PLACE TEMPORARY PAVEMENT LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.



TRAFFIC CONTROL, ADDED LANE CLOSURE WITH LANE SHIFT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

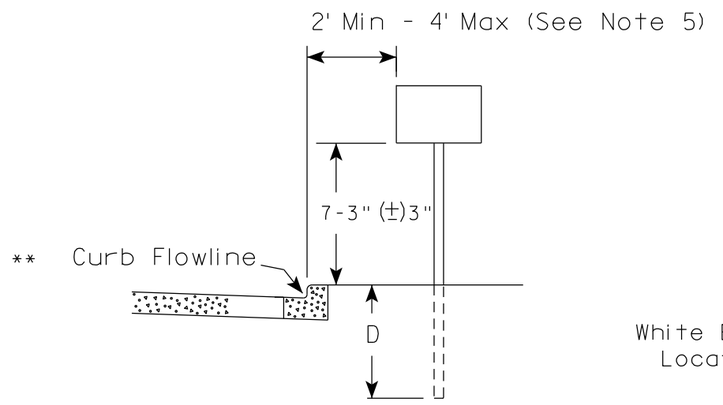
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SDD 15D50-03b

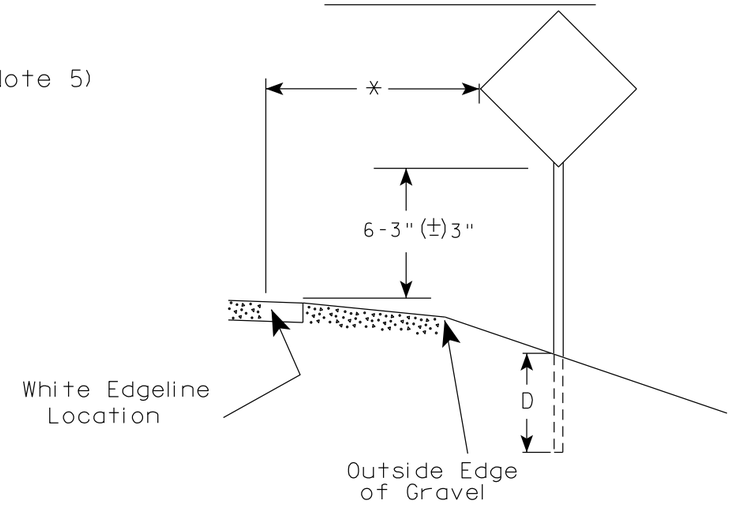
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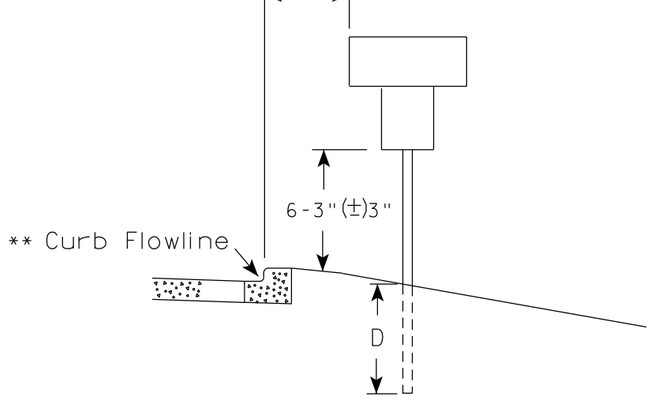
SDD 15D50-03b

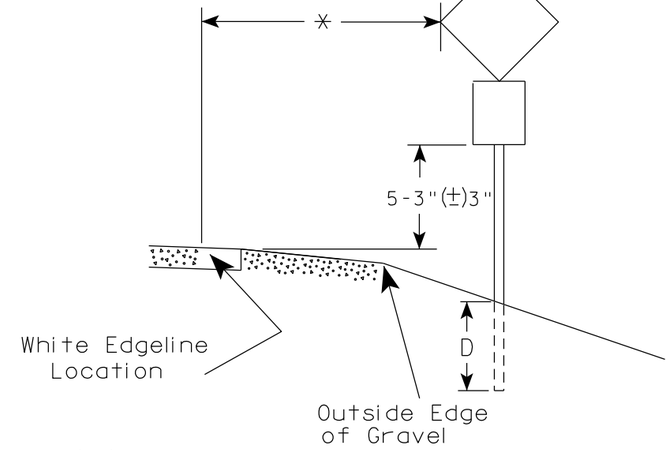
URBAN AREA



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'

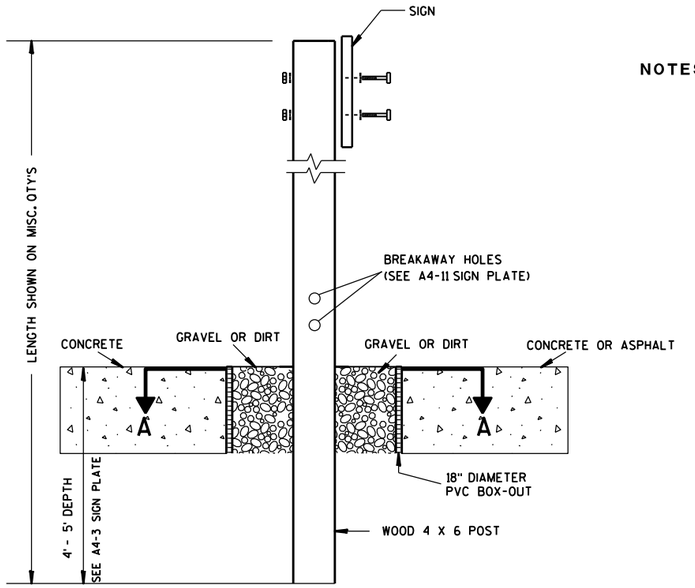
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

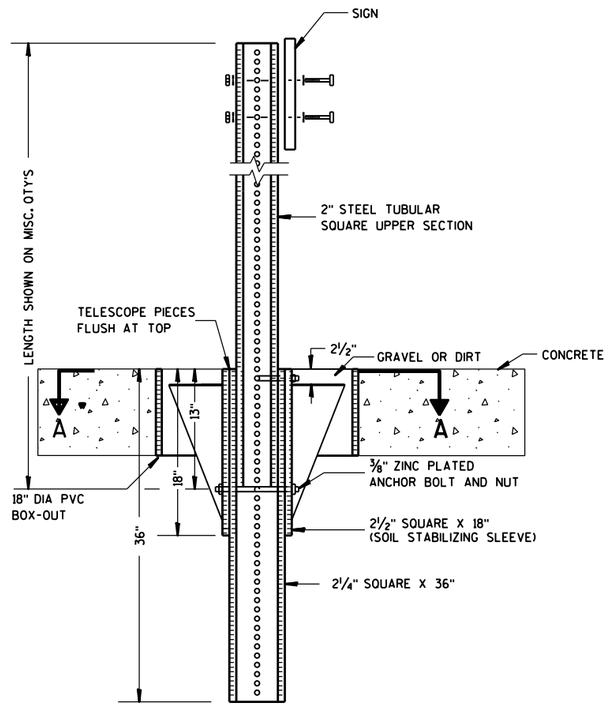
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 345	E



ELEVATION VIEW

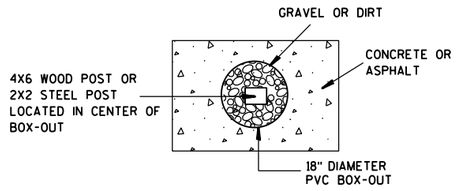
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

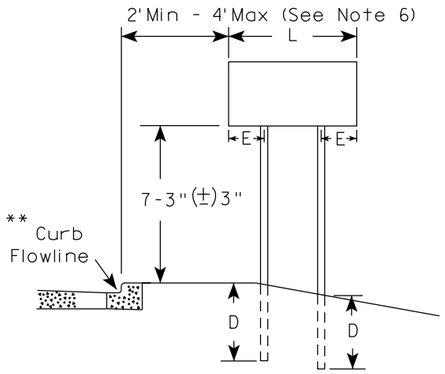
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

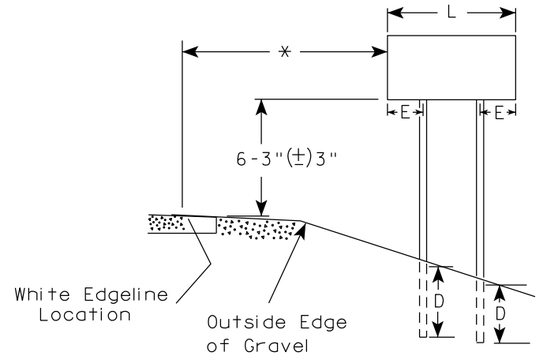
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

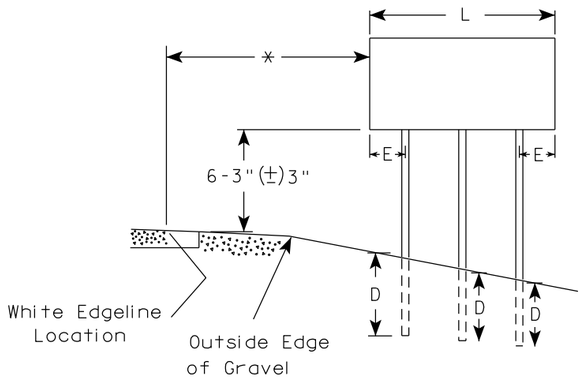
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

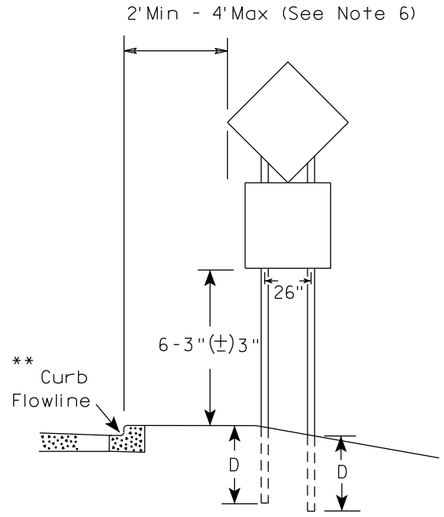
URBAN AREA



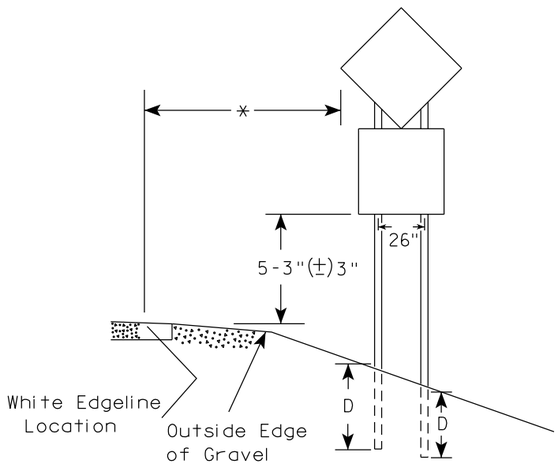
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 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'

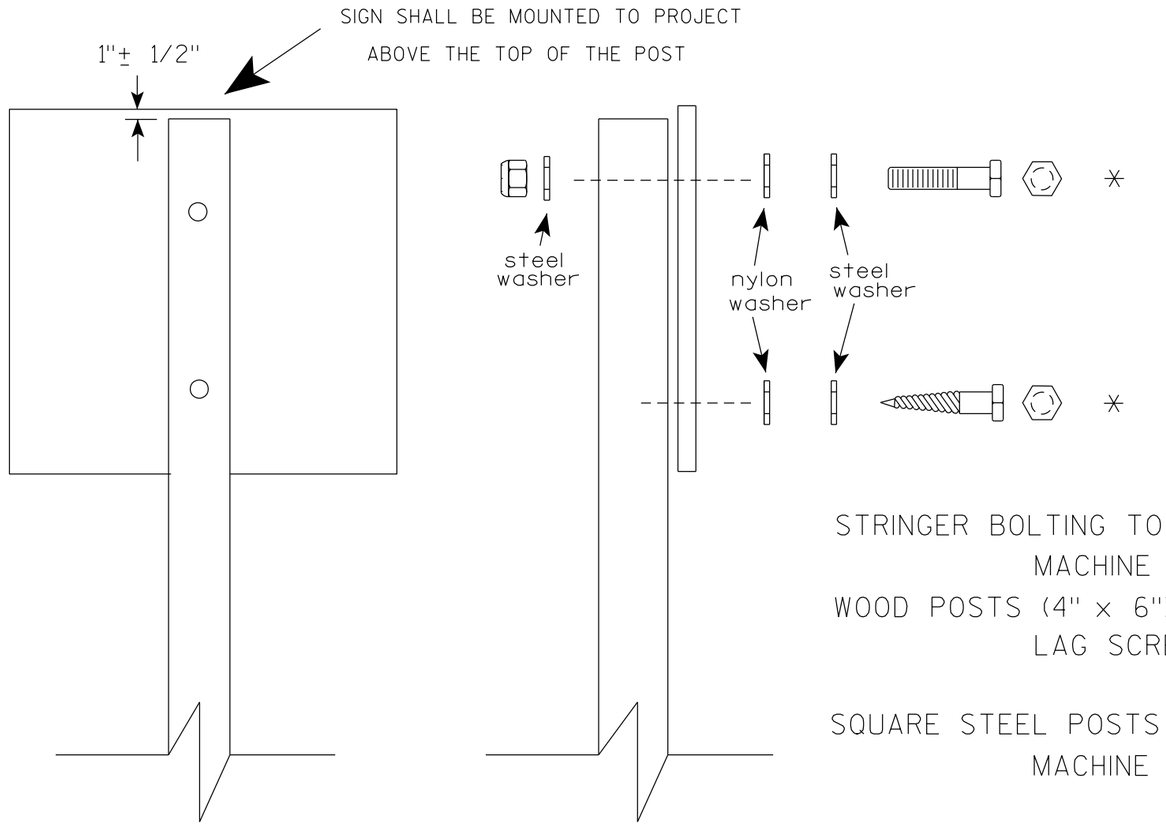
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

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: 347	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

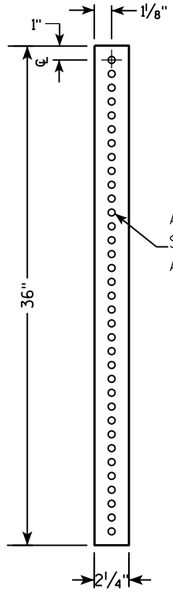
DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

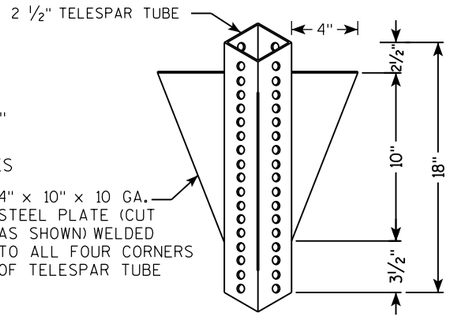
SHEET NO: 348 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

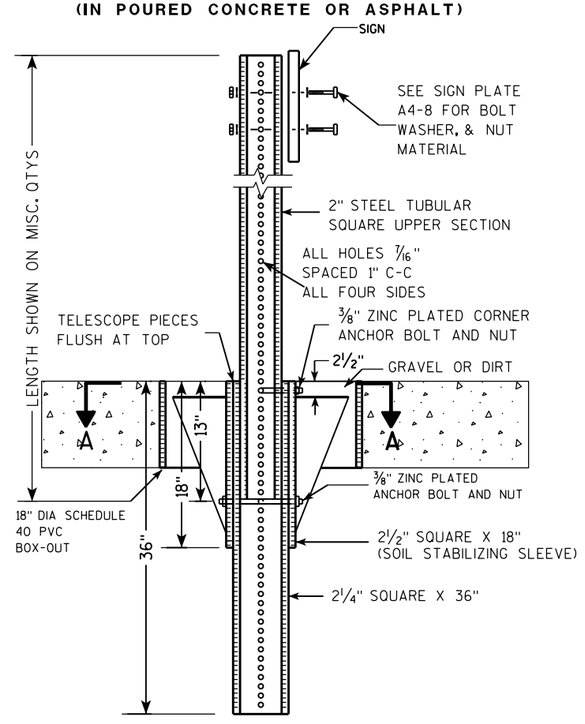
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



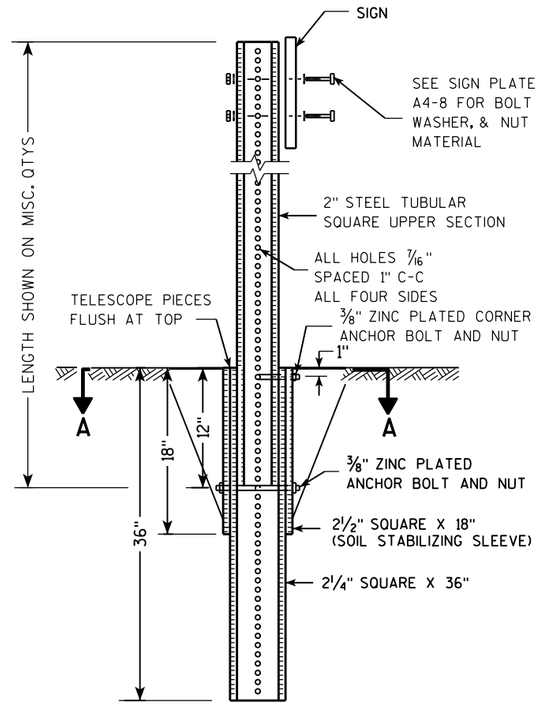
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

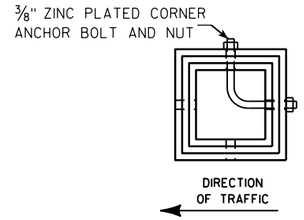


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

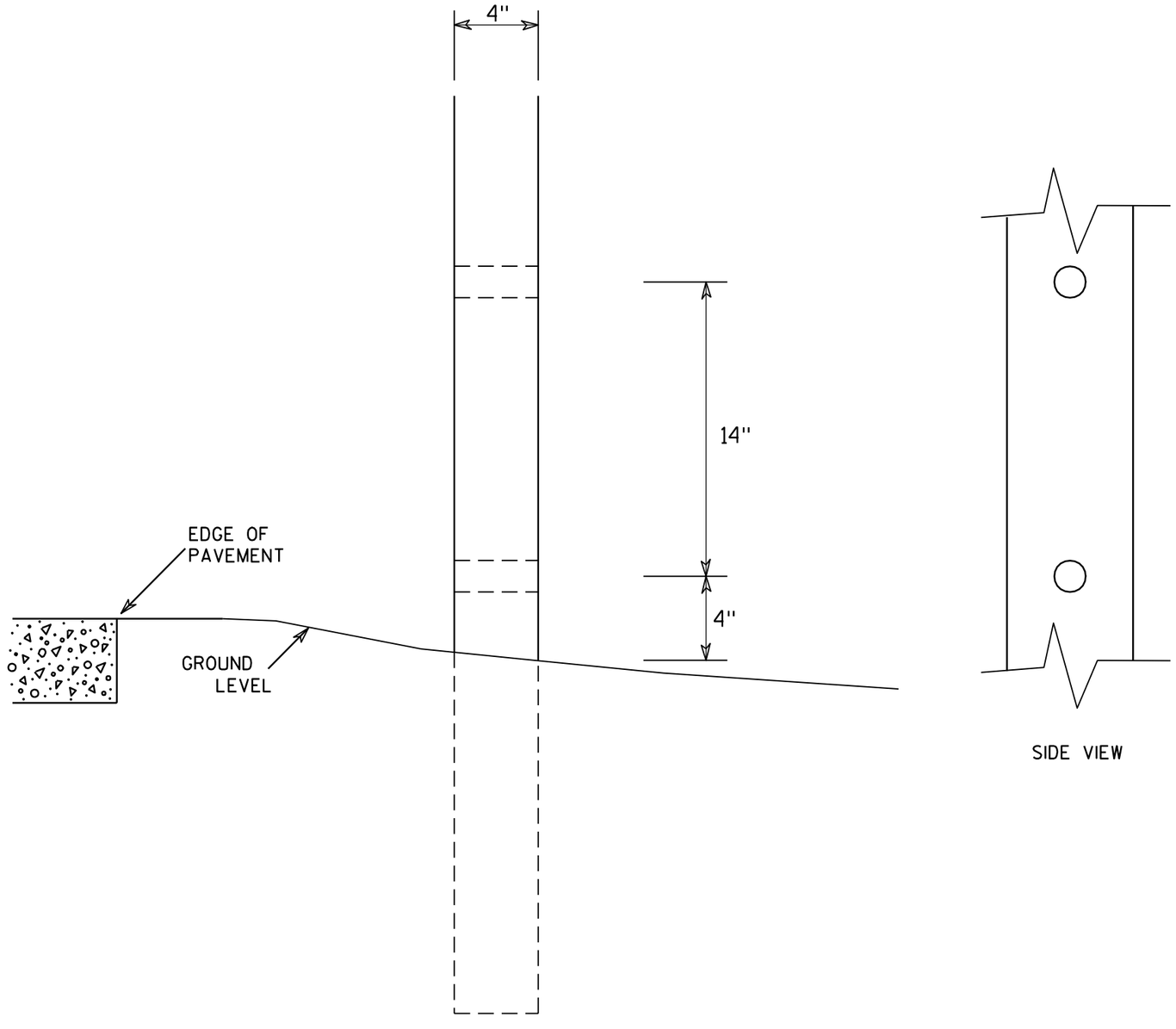
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 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

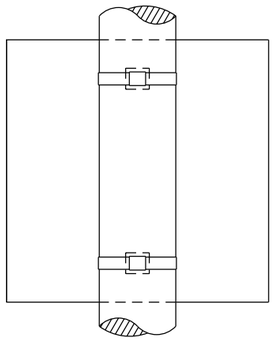
APPROVED Chester J Spang
for State Traffic Engineer

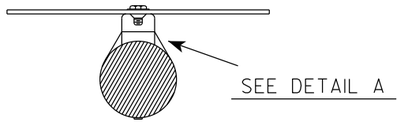
DATE 3/27/97 PLATE NO. A4-11.2

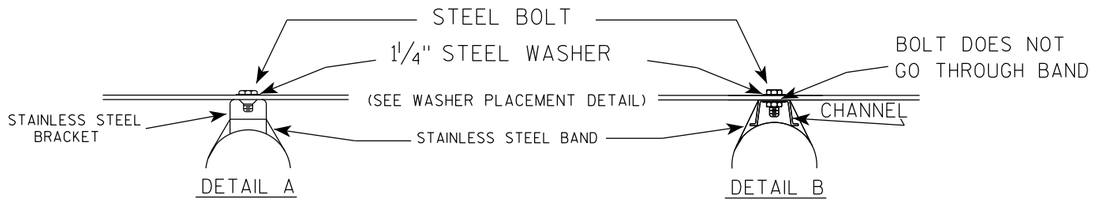
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 350	E

BANDING

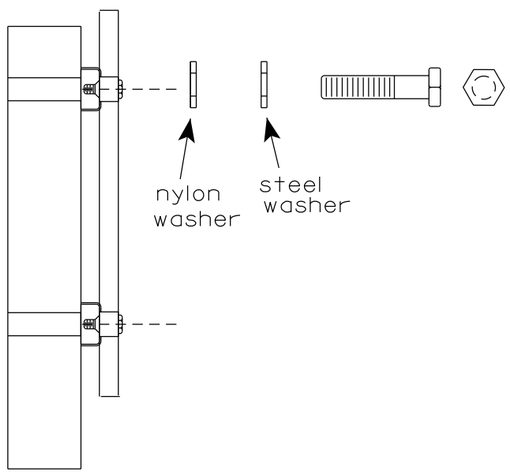
SINGLE SIGN







WASHER PLACEMENT

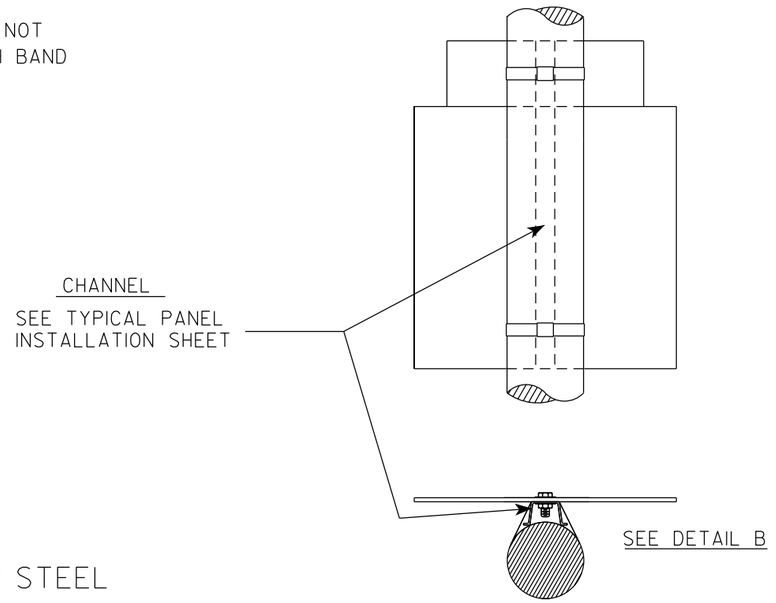


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

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

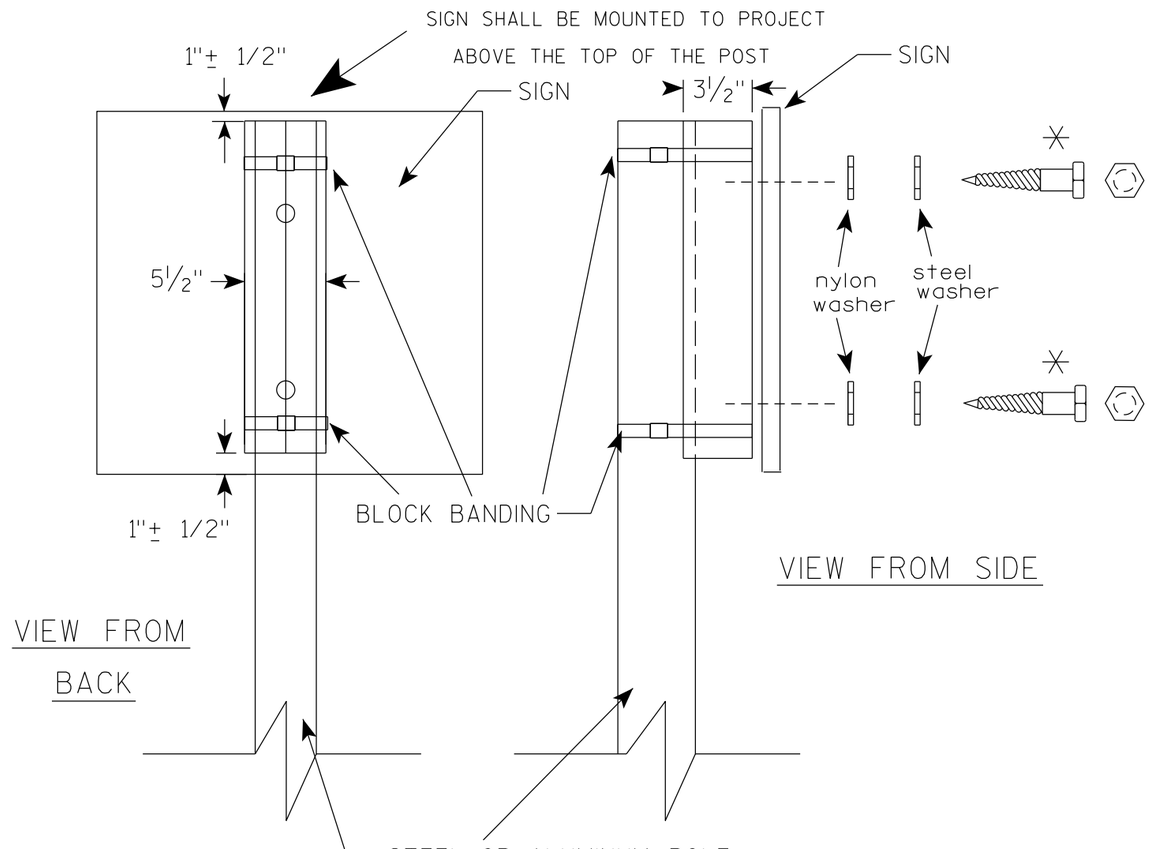
DATE 6/10/19 PLATE NO. A5-9.4

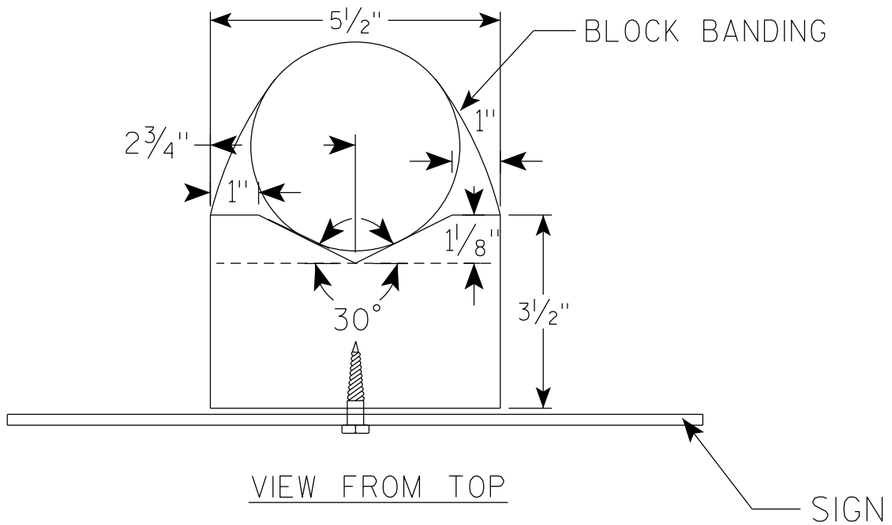
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 351	E

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)

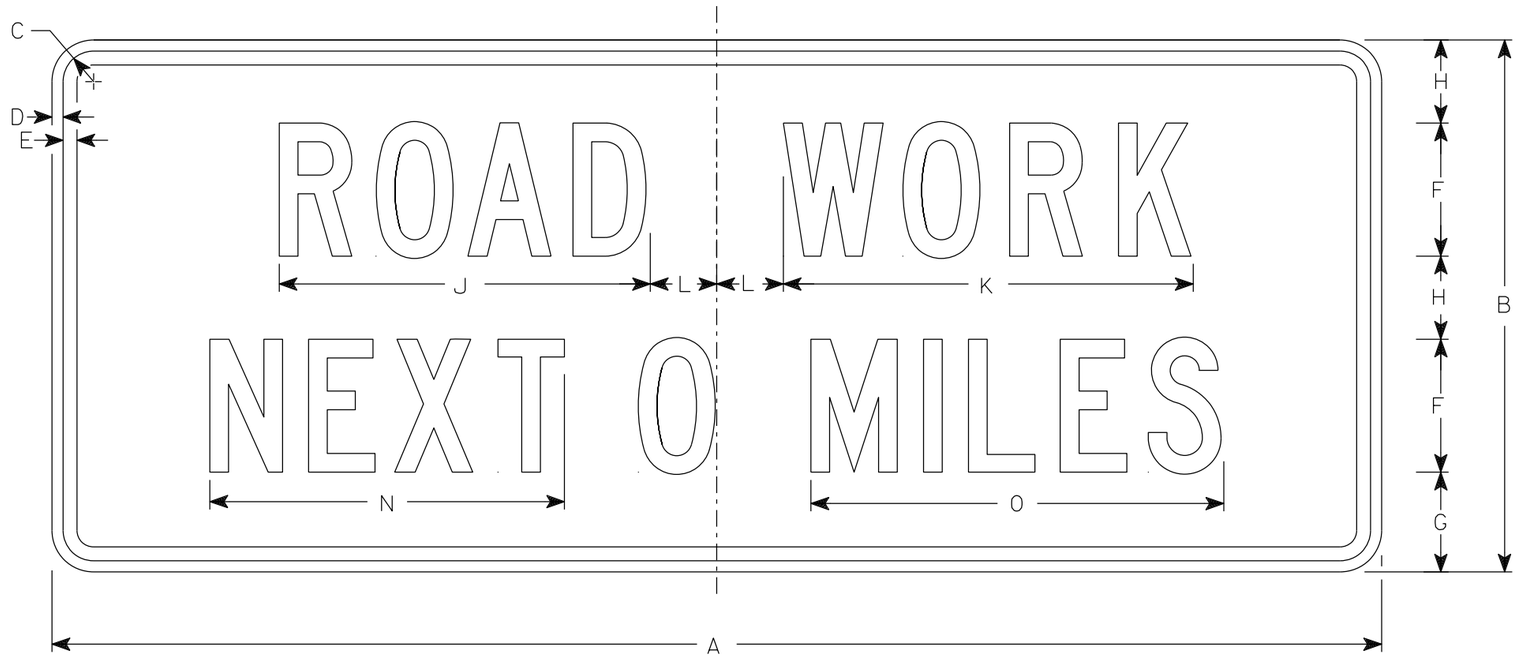
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 352 E



G20-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
2M	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
3	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
4	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
5	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0

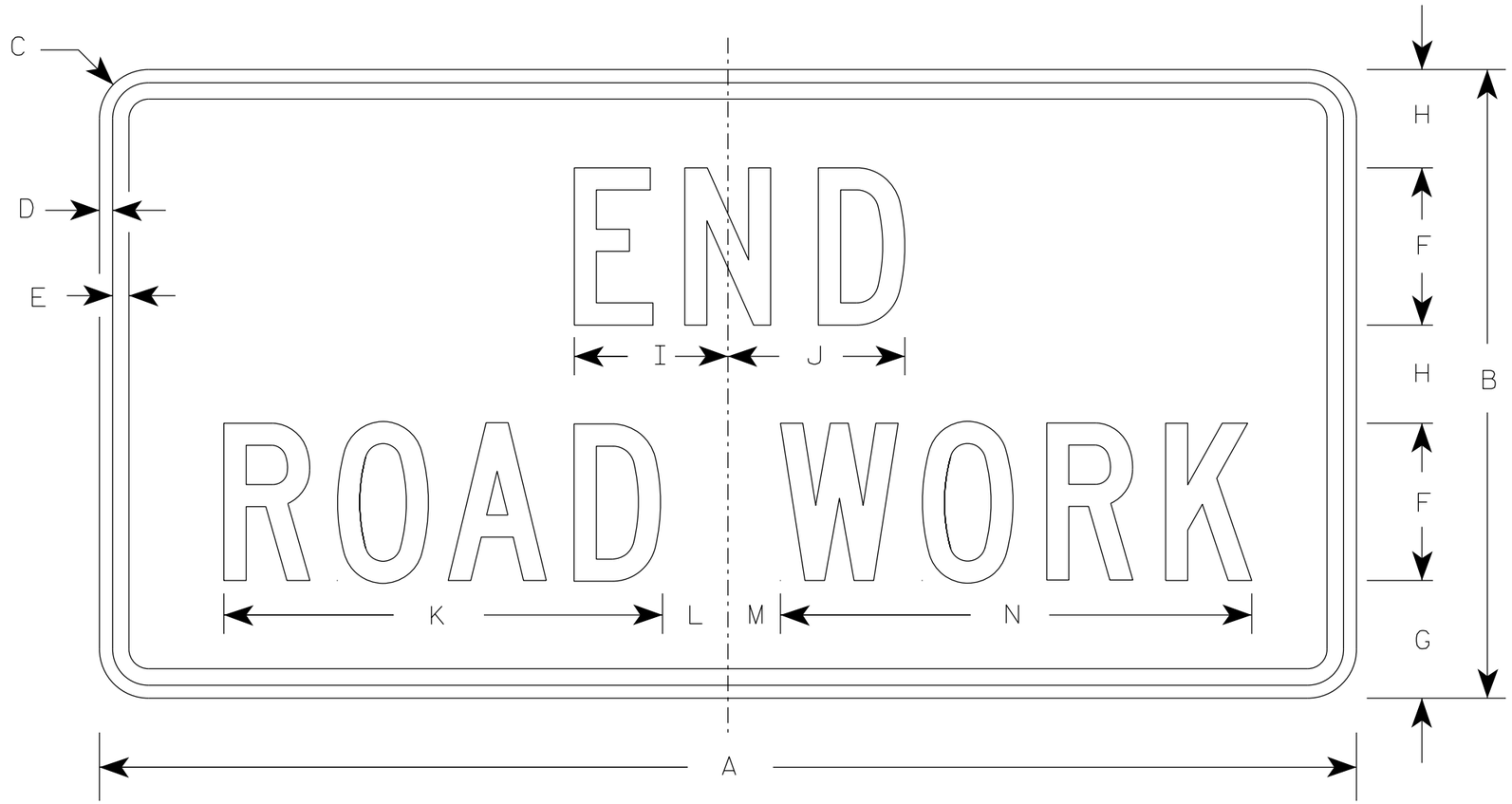
STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-1.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 353	E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

G20-2A

WISCONSIN DEPT OF TRANSPORTATION

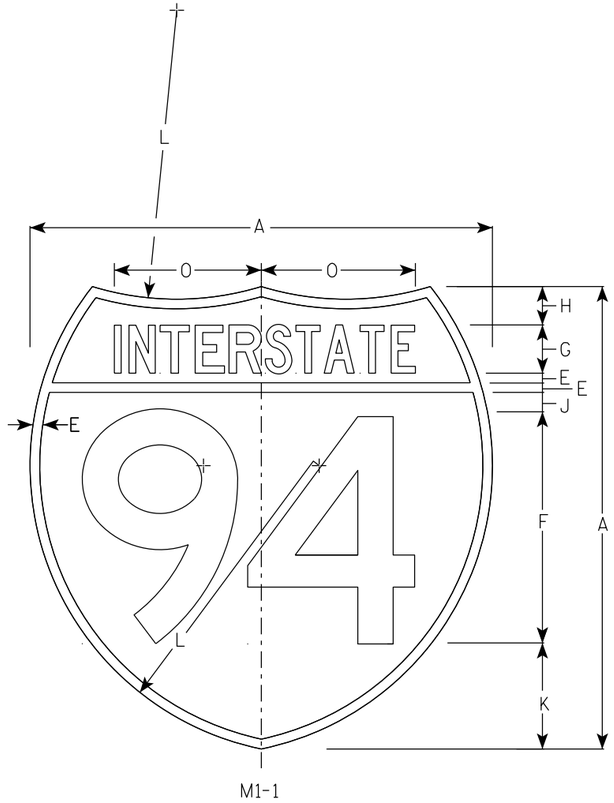
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

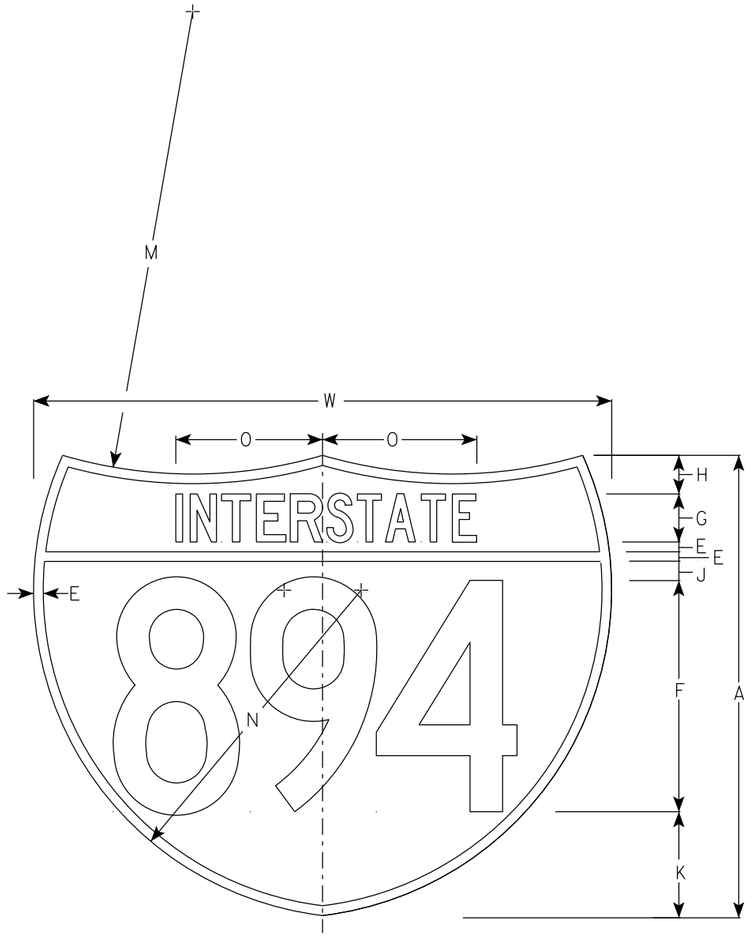
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 354 E

7

7



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

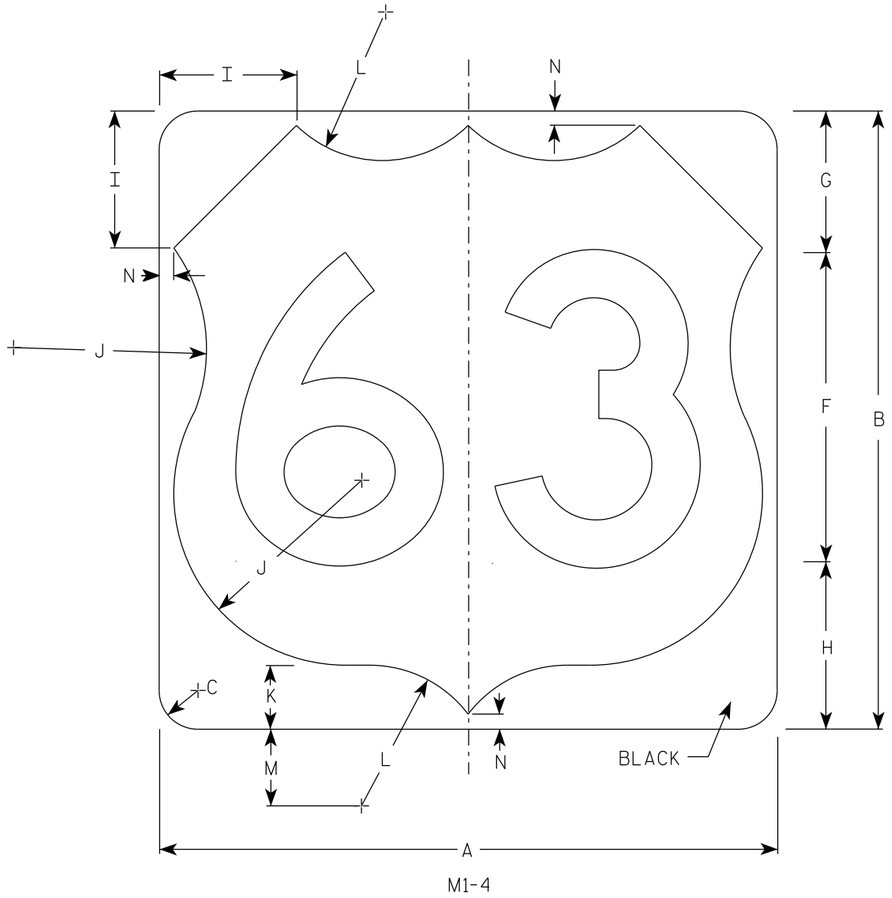
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/7/2022 PLATE NO. M1-1.9

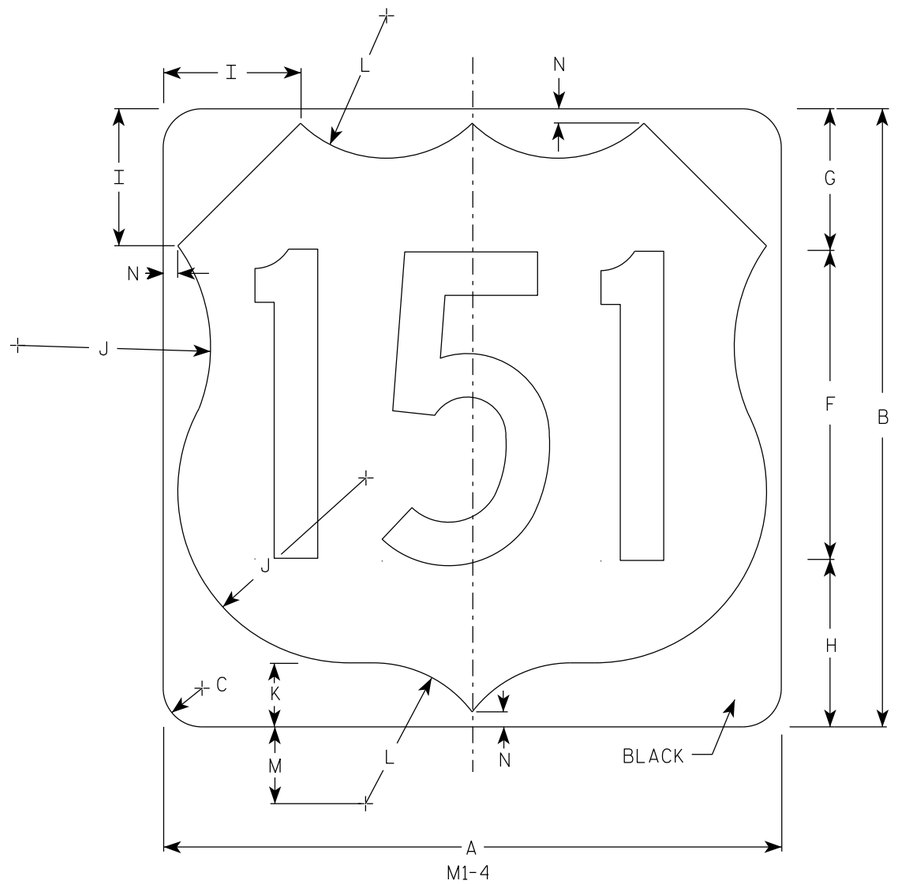
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 355 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



M1-4



M1-4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0
2M	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0
3	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0
4	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0
5	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0

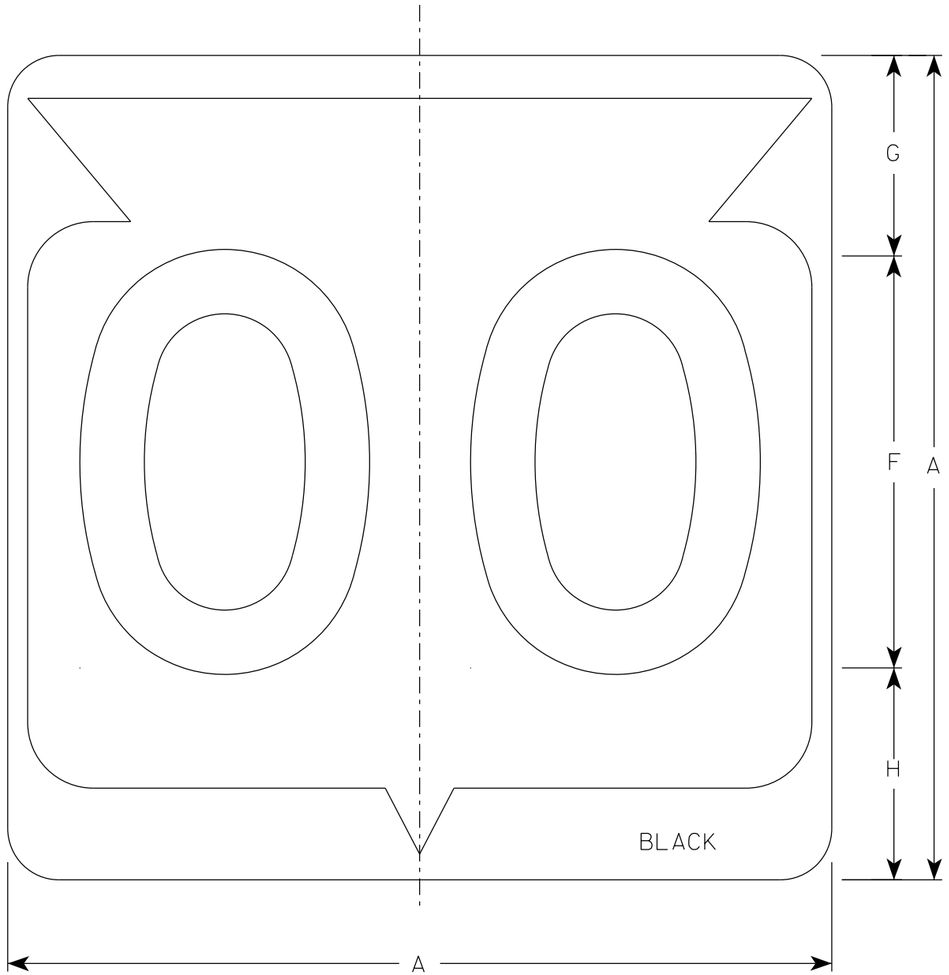
USH MARKER
M1-4 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/20/22 PLATE NO. M1-4.11

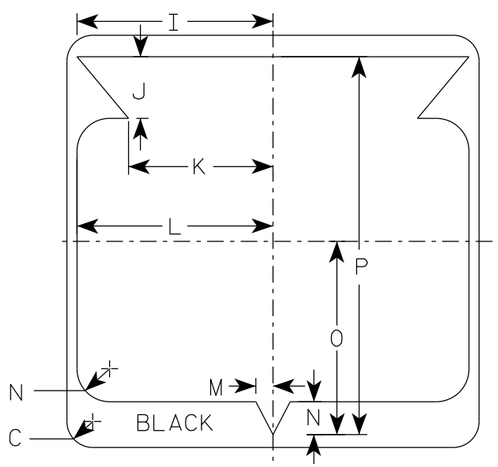
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 356	E



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

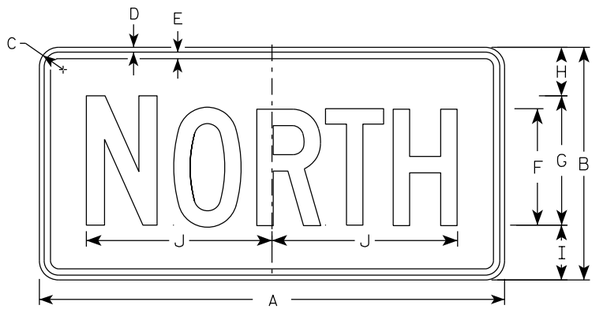
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

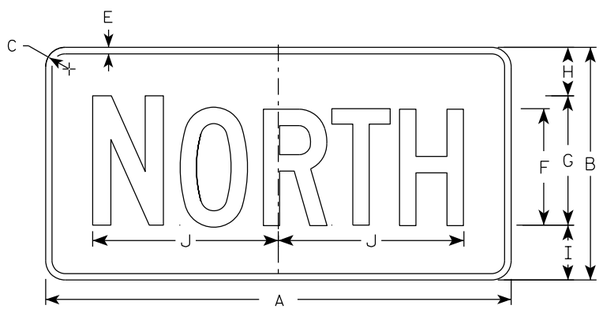
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

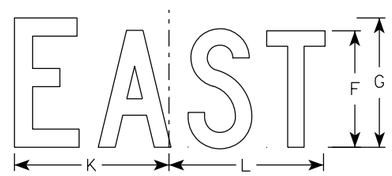
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 357	E



M3-1
MM3-1
MP3-1



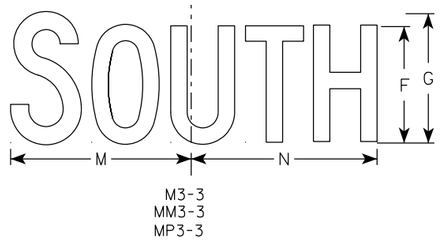
MB3-1
MK3-1
MN3-1



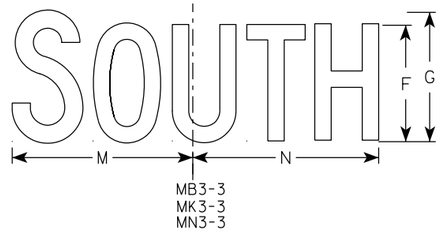
M3-2
MM3-2
MP3-2



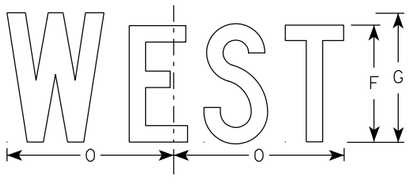
MB3-2
MK3-2
MN3-2



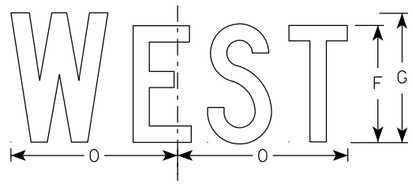
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
2M	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

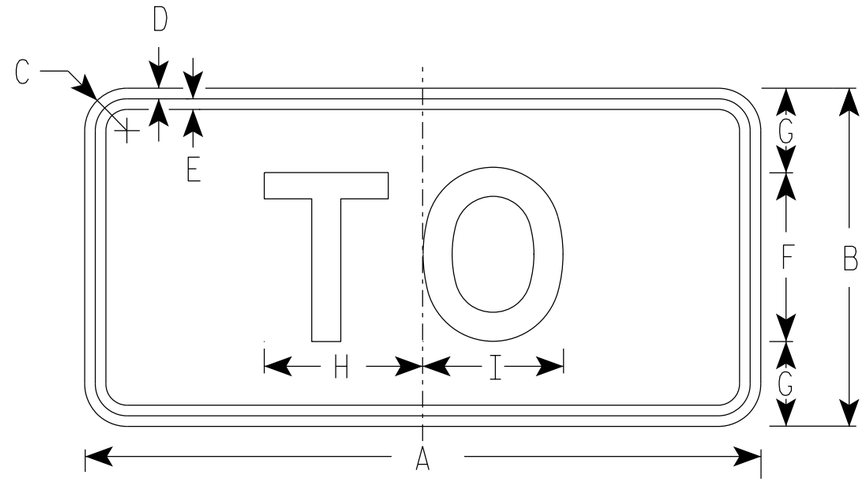
STANDARD SIGNS
M3-1 THRU M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

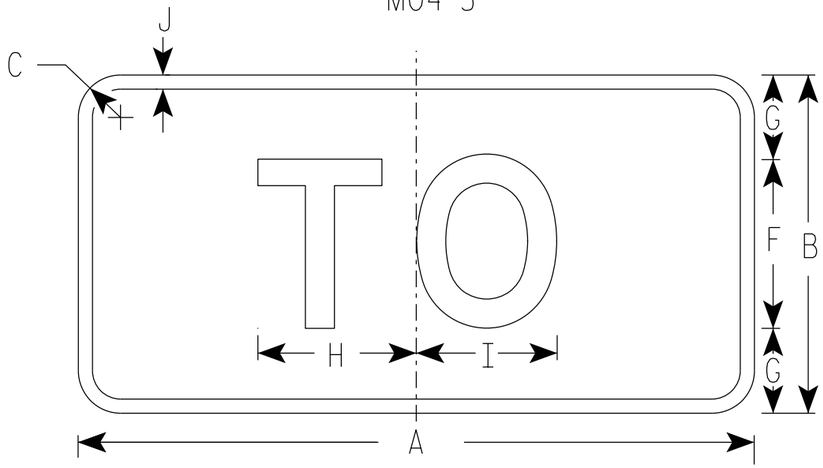
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 358 | E



M4-5
MM4-5
MP4-5
M04-5



MB4-5
MK4-5
MN4-5

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-5 Background - White
   Message - Black
   MB4-5 Background - Blue
   Message - White
   MK4-5 Background - Green
   Message - White
   MM4-5 Background - White
   Message - Green
   MN4-5 Background - Brown
   Message - White
   MP4-5 Background - White
   Message - Blue
   M04-5 Background - Orange Type F Reflective
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	3	5 3/8	5 1/4	1/2																	2.00
2M	24	12	1 1/2	3/8	3/8	6	3	5 3/8	5 1/4	1/2																	2.00
3	36	18	1 1/2	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2																	4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2																	4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2																	4.5

STANDARD SIGN
M4-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

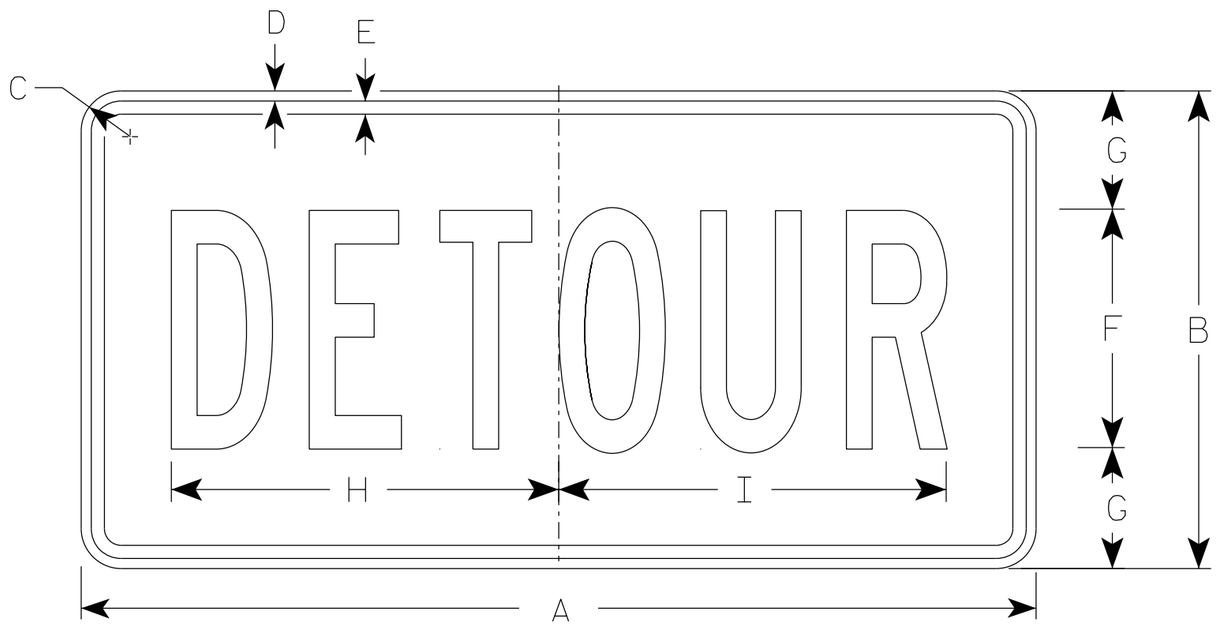
DATE 2/8/2023 PLATE NO. M4-5.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 359 E

7

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

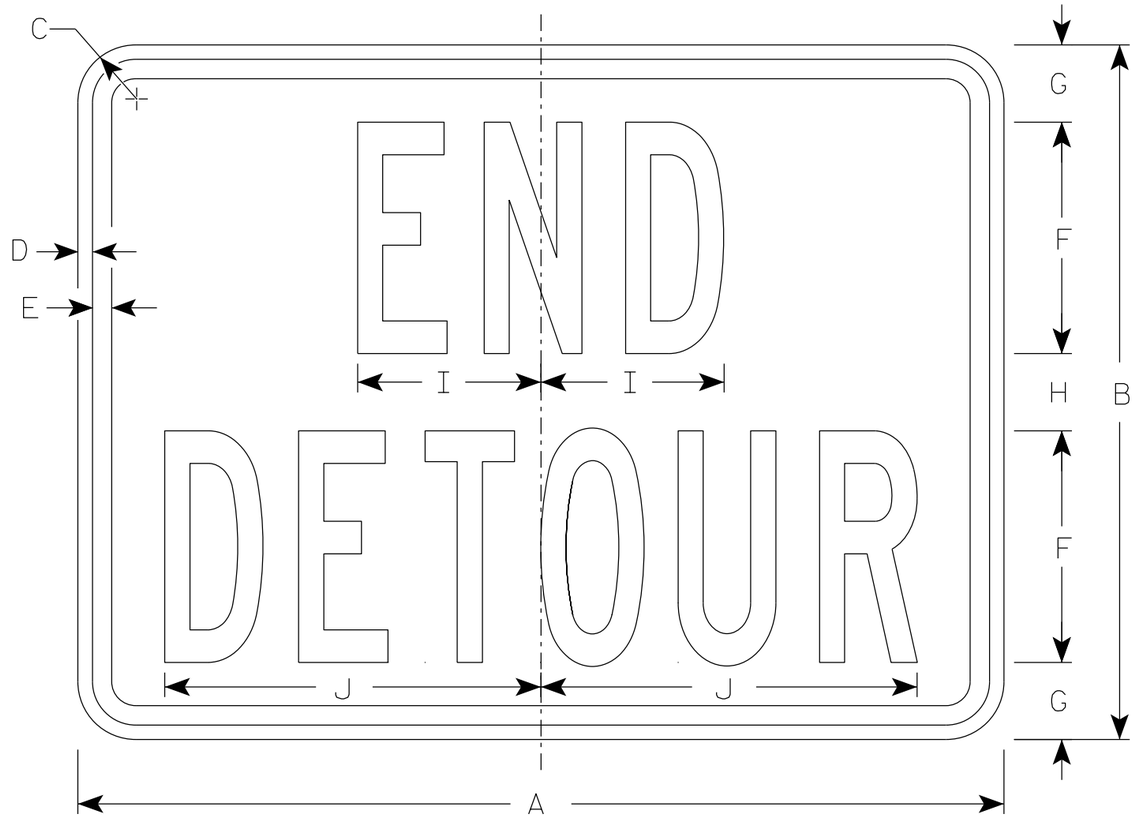
STANDARD SIGN
M4-8

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: 360	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

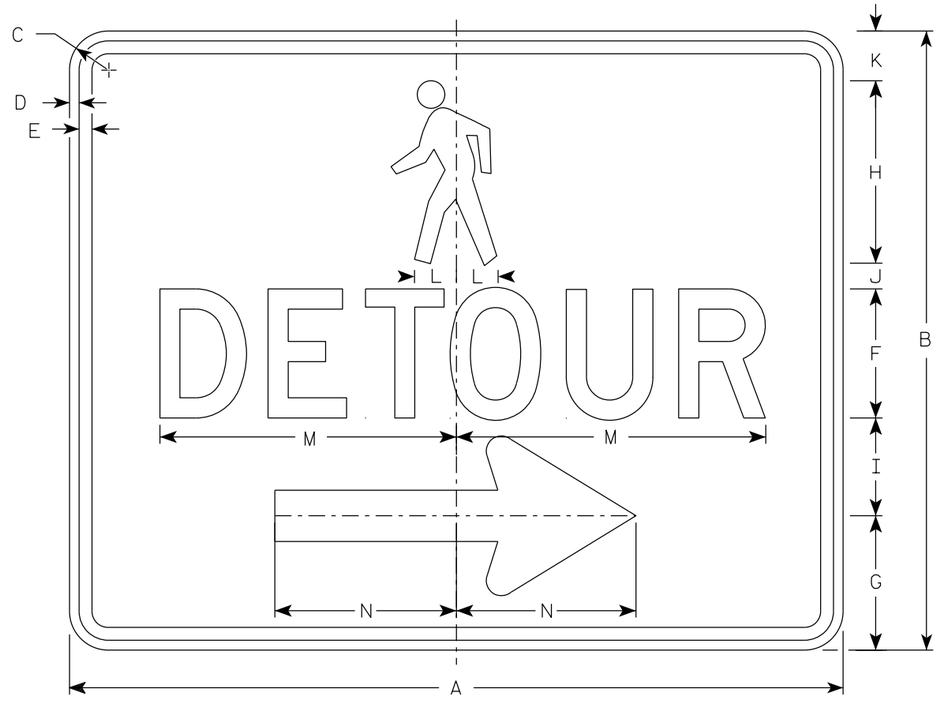
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

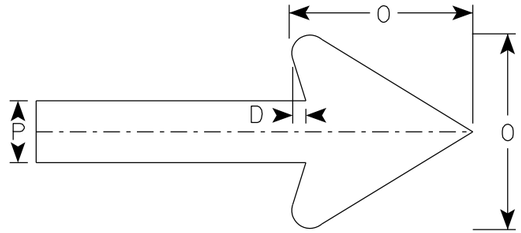
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 361 | E



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																											

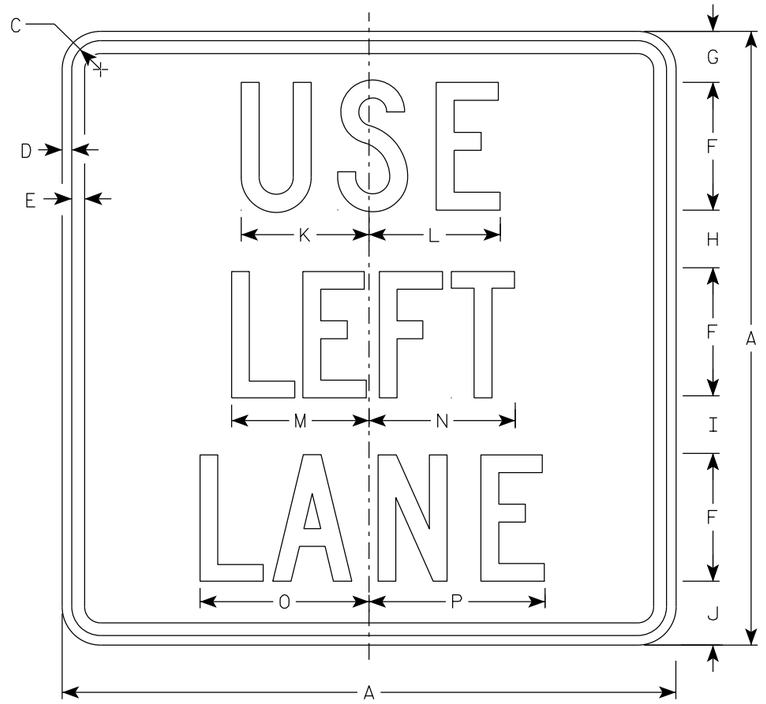
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

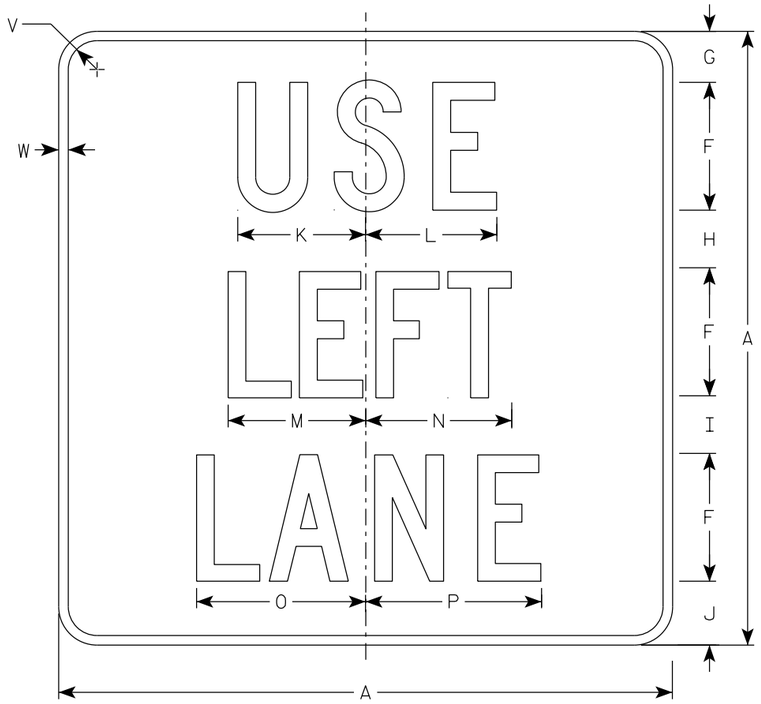
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

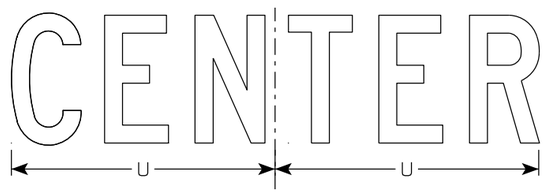
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 362 | E



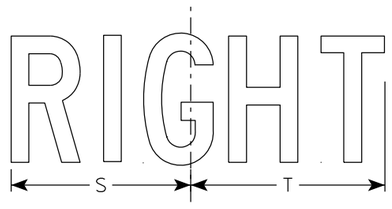
M4-20L
MM4-20L
MO4-20L
MP4-20L



MB4-20L
MK4-20L
MN4-20L
MR4-20L



M4-20C
MB4-20C
MK4-20C
MM4-20C
MN4-20C
MO4-20C
MP4-20C
MR4-20C



M4-20R
MB4-20R
MK4-20R
MM4-20R
MN4-20R
MO4-20R
MP4-20R
MR4-20R

NOTES

1. Sign is Type II - Type H except as Shown
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-20 Background - White
   Message - Black
   MB4-20 Background - Blue
   Message - White
   MK4-20 Background - Green
   Message - White
   MM4-20 Background - White
   Message - Green
   MN4-20 Background - Brown
   Message - White
   MO4-20 Background - Orange - Type F Reflective
   Message - Black
   MP4-20 Background - White
   Message - Blue
   MR4-20 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/2	3/8	1/2	5	2	2 1/4	2 1/4	2 1/2	5	5 1/8	5 3/8	5 3/4	6 5/8	6 7/8			7	7 5/8	10 1/4	1 1/2	1/2				4.0
2M	24		1 1/2	3/8	1/2	5	2	2 1/4	2 1/4	2 1/2	5	5 1/8	5 3/8	5 3/4	6 5/8	6 7/8			7	7 5/8	10 1/4	1 1/2	1/2				4.0
3	36		2 1/4	5/8	3/4	7	4	3	3 1/2	4 1/2	7 1/2	7 3/4	8	8 5/8	9 7/8	10 1/4			10 3/8	11 3/8	14 3/8	1 7/8	1/2				9.0
4	36		2 1/4	5/8	3/4	7	4	3	3 1/2	4 1/2	7 1/2	7 3/4	8	8 5/8	9 7/8	10 1/4			10 3/8	11 3/8	14 3/8	1 7/8	1/2				9.0
5	36		2 1/4	5/8	3/4	7	4	3	3 1/2	4 1/2	7 1/2	7 3/4	8	8 5/8	9 7/8	10 1/4			10 3/8	11 3/8	14 3/8	1 7/8	1/2				9.0

STANDARD SIGN
M4-20

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

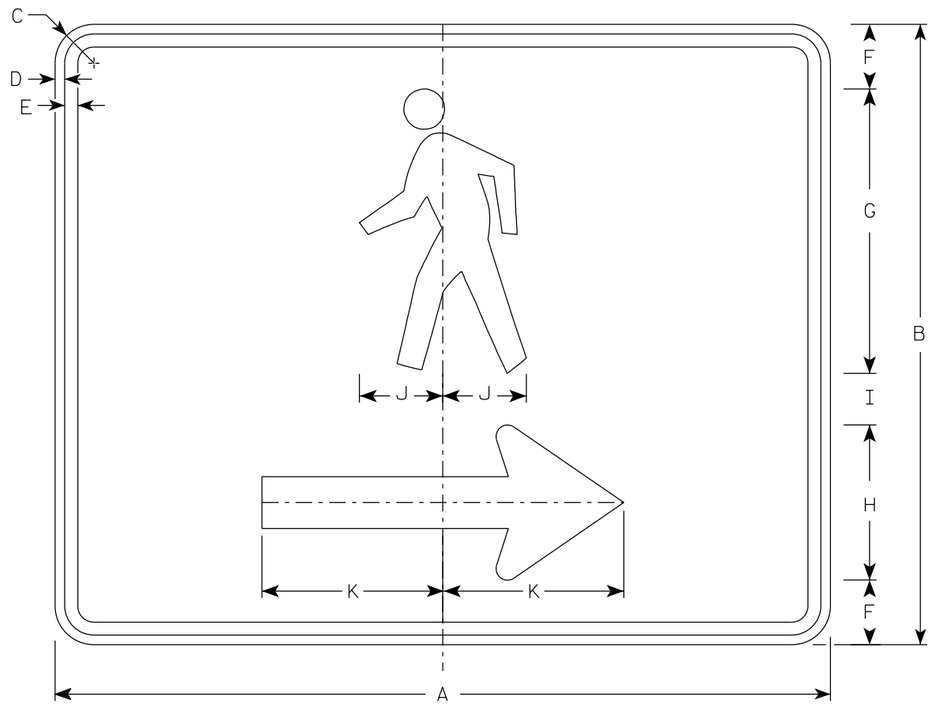
DATE 2/13/2023 PLATE NO. M4-20.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 363	E

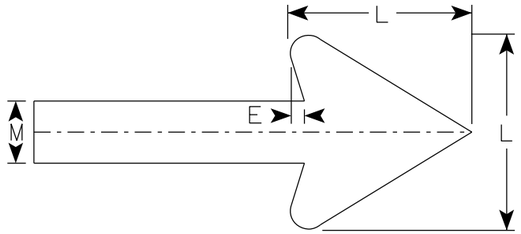
7

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-60L is the same as M4-60R except the arrow is reversed.



M4-60R



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
2M	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
3																											
4																											
5																											

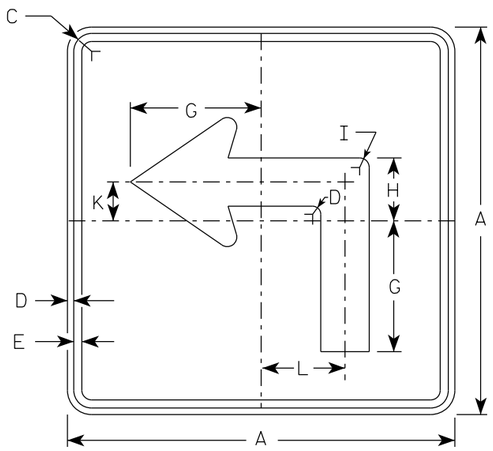
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

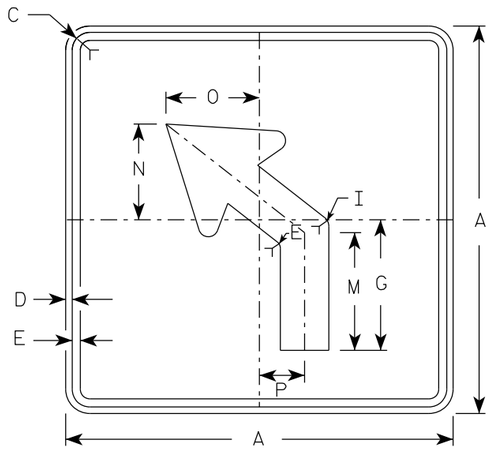
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60.2

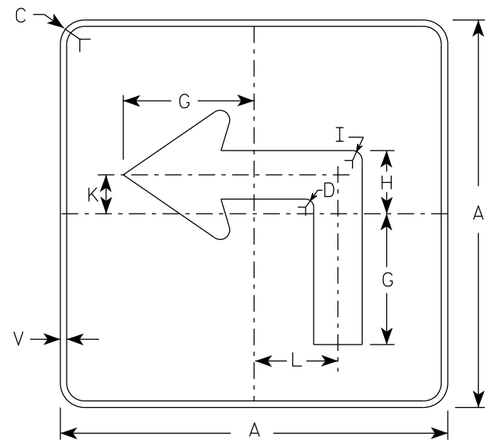
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 364 | E



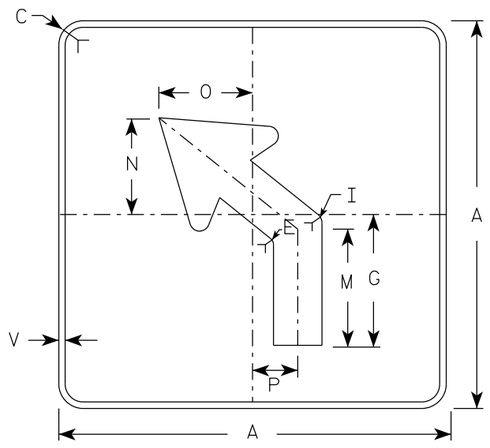
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

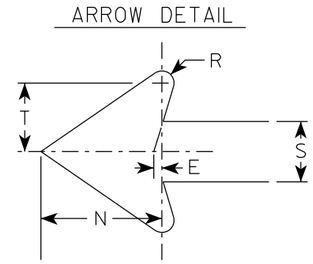


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   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

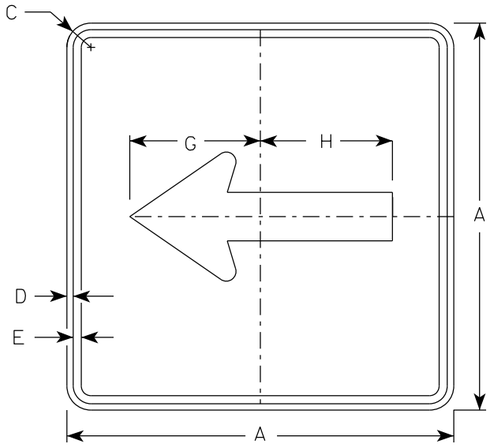
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

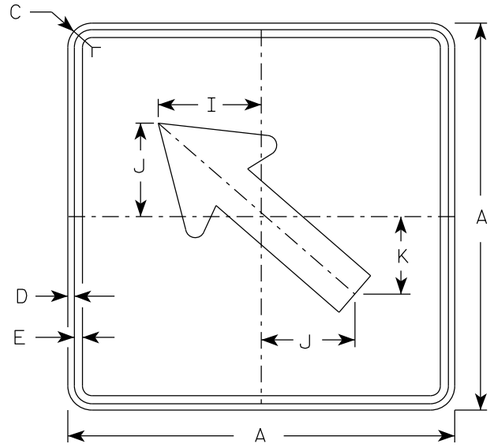
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

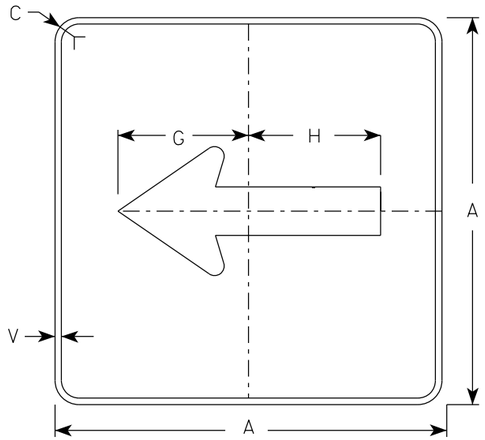
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 365 | E



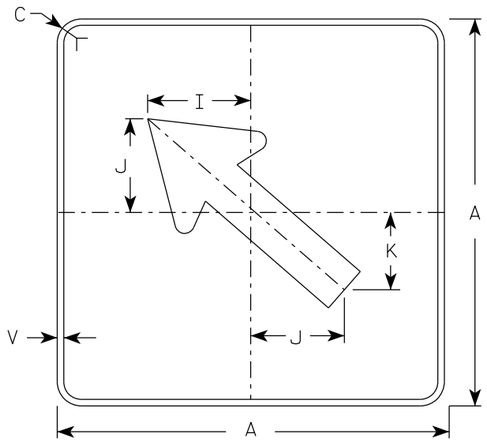
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

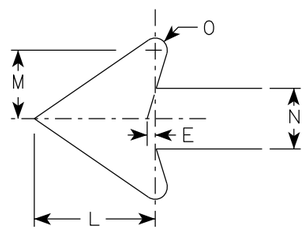


MB6-2
MK6-2
MN6-2
MR6-2

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

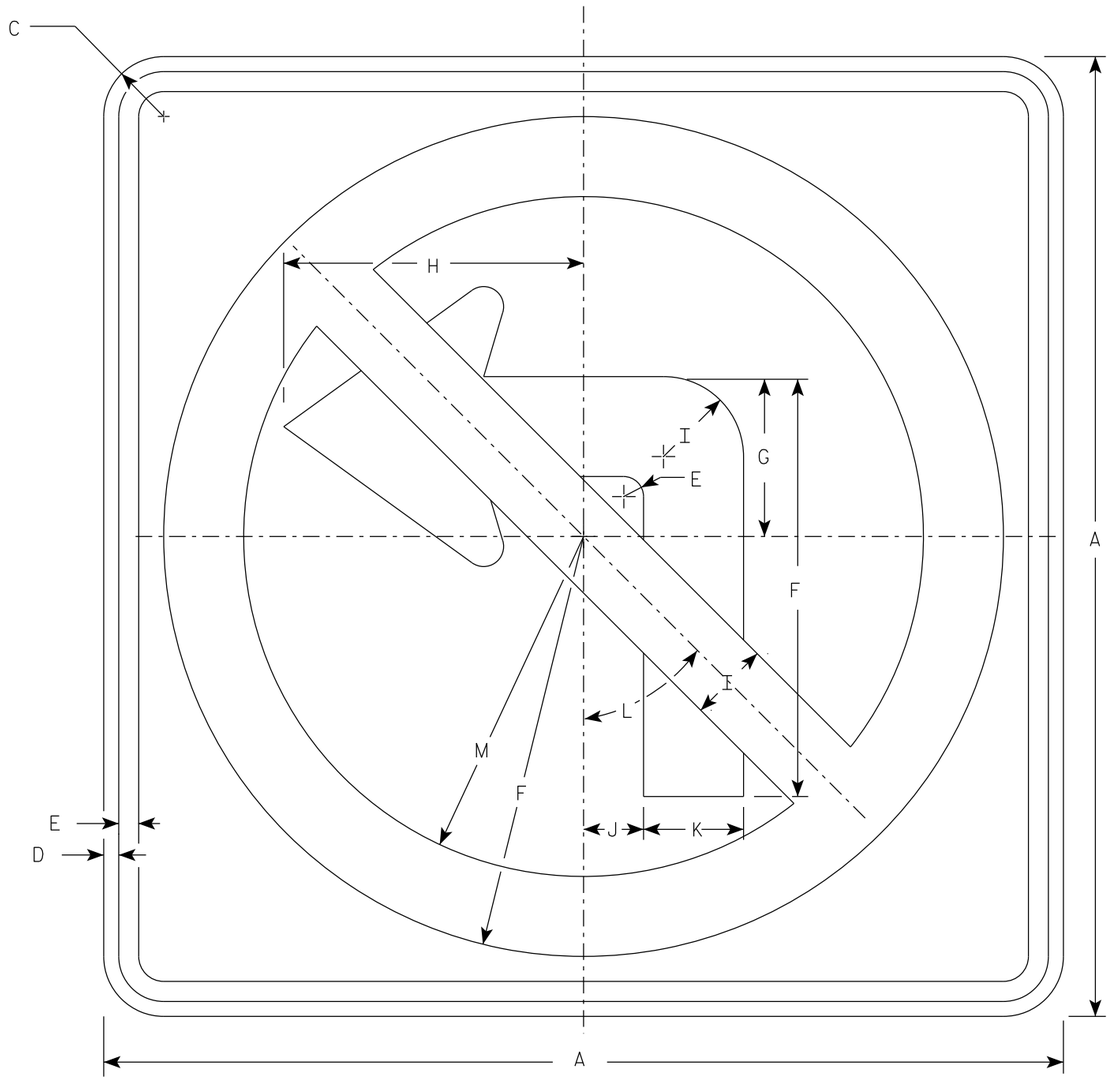
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 366 | E

7

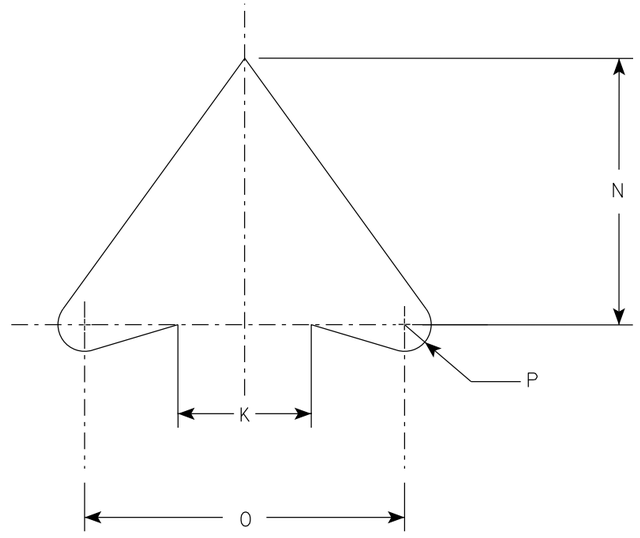
7



R3-2

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											4.0
2S	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½											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											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											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											9.0
5	48		2 ¼	¾	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

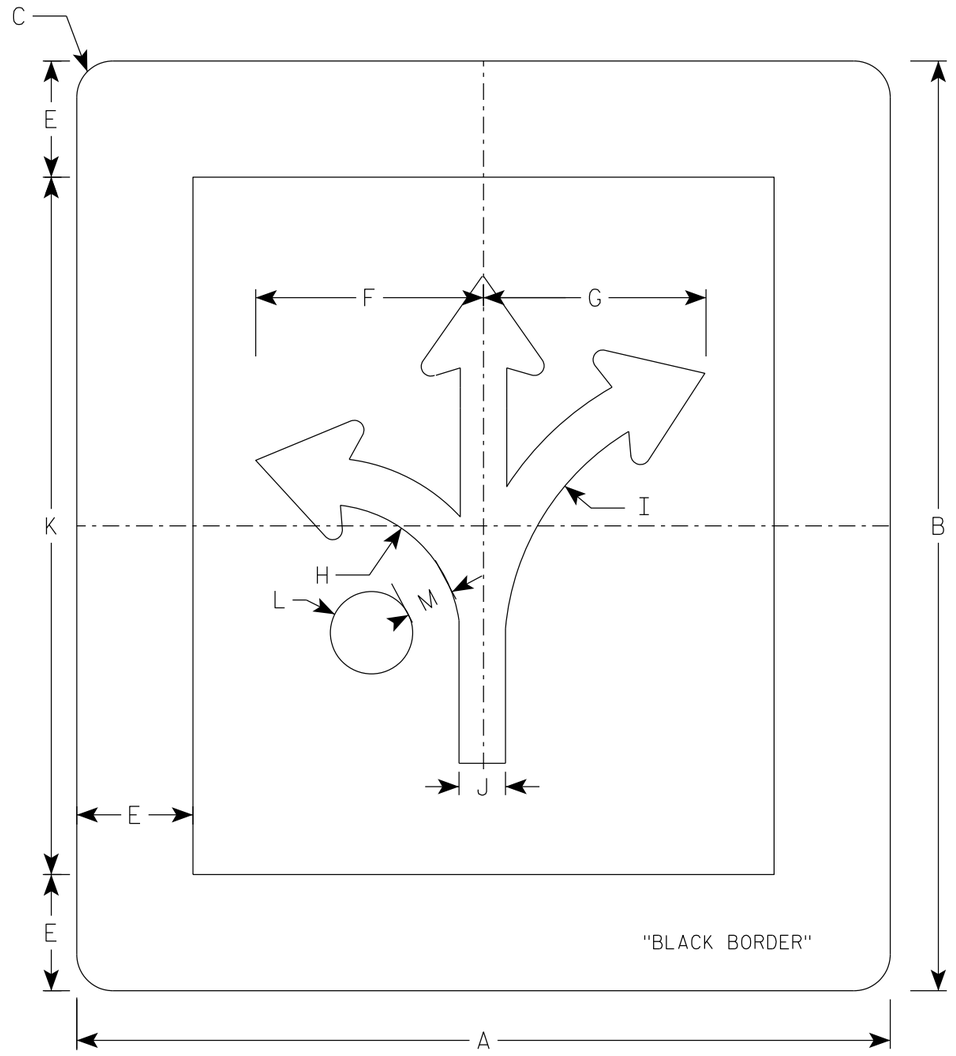
STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-2.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 367 | E



R3-6W

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. The 6" border is non-reflective black.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	42	48	1 7/8		6	11 3/4	11 1/2	7	13 1/4	2 3/8	36	4 1/4	2 1/2														14.0
2M	42	48	1 7/8		6	11 3/4	11 1/2	7	13 1/4	2 3/8	36	4 1/4	2 1/2														14.0
3																											
4																											
5																											

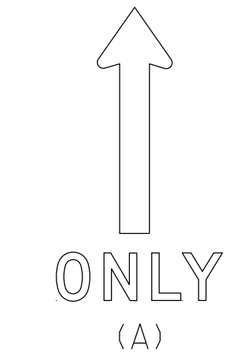
STANDARD SIGN
R3-6W

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/27/24 PLATE NO. R3-6W.3

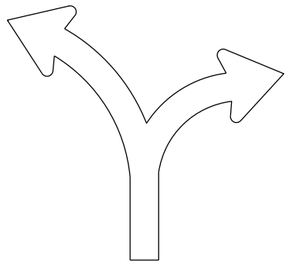
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 368	E



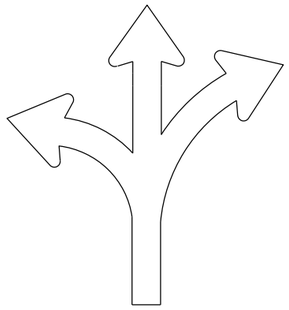
(A)



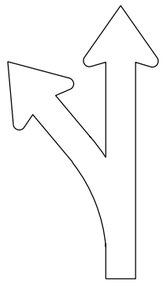
(B)



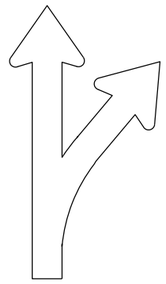
(C)



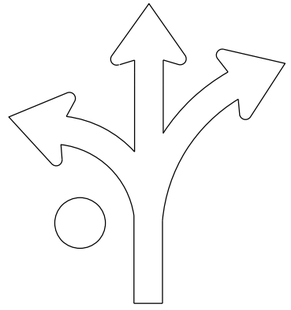
(D)



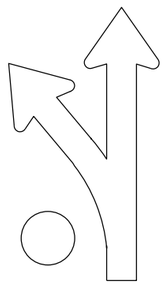
(E)



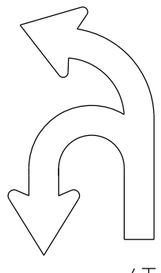
(F)



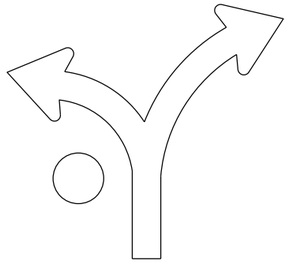
(G)



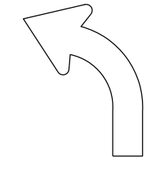
(H)



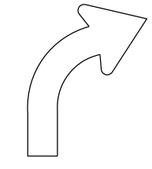
(I)



(J)



(L)



(R)

NOTES

1. Sigs are Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Use appropriate Letter for Sign Code
   Each letter added makes sign wider. Example R3-8EAR
5. Square footage of sign varies by letters

1 Letter =	3.75 sq ft	for Size 2
	6.0 sq ft	for Size 3
	10.0 sq ft	for Size 4 or 5
2 Letters =	7.5 sq ft	for Size 2
	12.0 sq ft	for Size 3
	20.0 sq ft	for Size 4 or 5
3 Letters =	11.25 sq ft	for Size 2
	18.0 sq ft	for Size 3
	30.0 sq ft	for Size 4 or 5
4 Letters =	15.0 sq ft	for Size 2
	24.0 sq ft	for Size 3
	40.0 sq ft	for Size 4 or 5
5 Letters =	18.75 sq ft	for Size 2
	30.0 sq ft	for Size 3
	50.0 sq ft	for Size 4 or 5
6 Letters =	22.5 sq ft	for Size 2
	36.0 sq ft	for Size 3
	60.0 sq ft	for Size 4 or 5

6. When letters C,D,G,J are used on the Left or Right end of the sign the Sq. Ft. changes.
   Add the amounts when these letters are used:
   1.25 sq ft for Size 2
   1.5 sq ft for Size 3
   2.0 sq ft for Size 4 or 5

STANDARD SIGN
R3-8 Series

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

SHEET NO: 369 E

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn PLOT DATE : 14-FEB 2023 3:01 PLOT BY : mscj9h PLOT NAME :

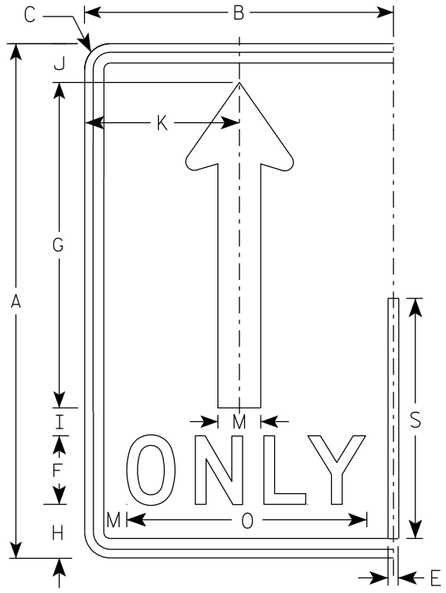
WISDOT/CADDS SHEET 42

7

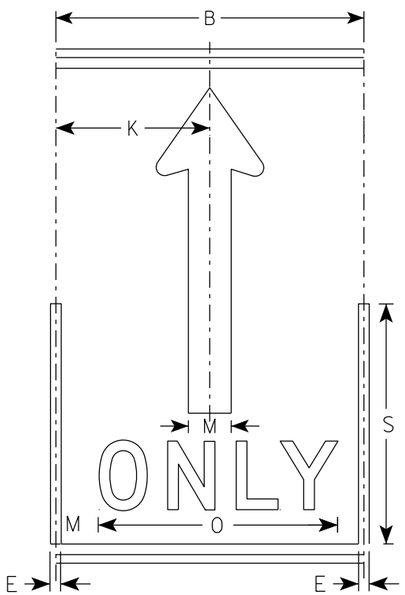
7

NOTES

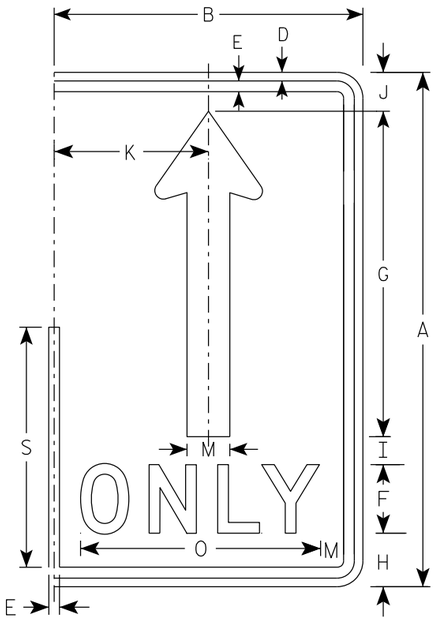
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



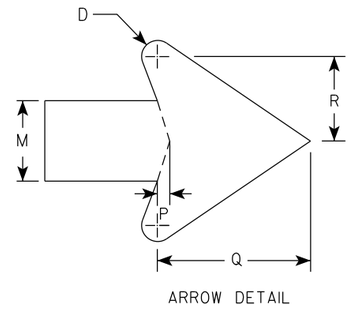
(A)



(A)



(A)



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	18	1 1/2	1/2	5/8	4	19	3 1/8	1 5/8	2 1/4	9		2 1/2		14	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 1/2	1/2	5/8	4	19	3 1/8	1 5/8	2 1/4	9		2 1/2		14	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 1/2	1/2	5/8	5	22 3/4	3 3/4	1 3/4	2 3/4	12		3		17 5/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1	6	30 3/8	5 1/8	2 7/8	3 5/8	15		4		21 3/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1	6	30 3/8	5 1/8	2 7/8	3 5/8	15		4		21 3/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (A) Arrow

WISCONSIN DEPT OF TRANSPORTATION

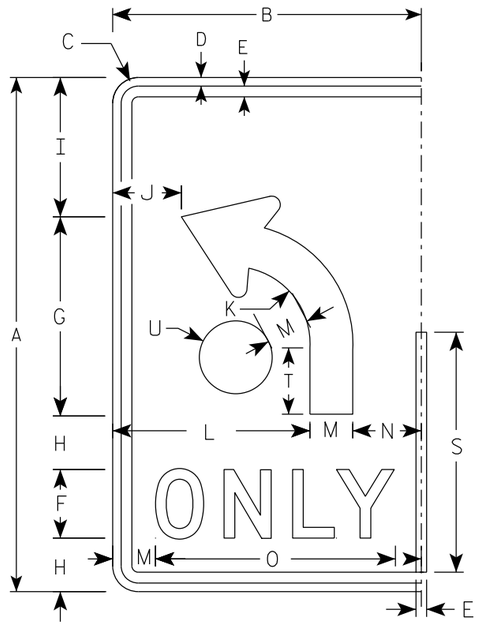
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

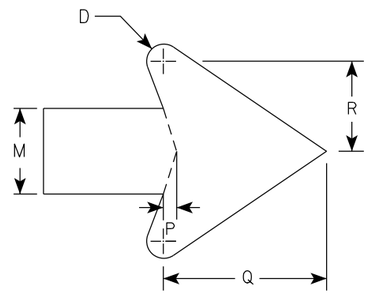
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 370 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
   Message Series - D



(B)



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	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8	2 1/8						3.75
2M	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8	2 1/8						3.75
3	36	24	1 1/2	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8	2 1/2						6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4	3 3/8						10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4	3 3/8						10.0

STANDARD SIGN

R3-8 (B) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

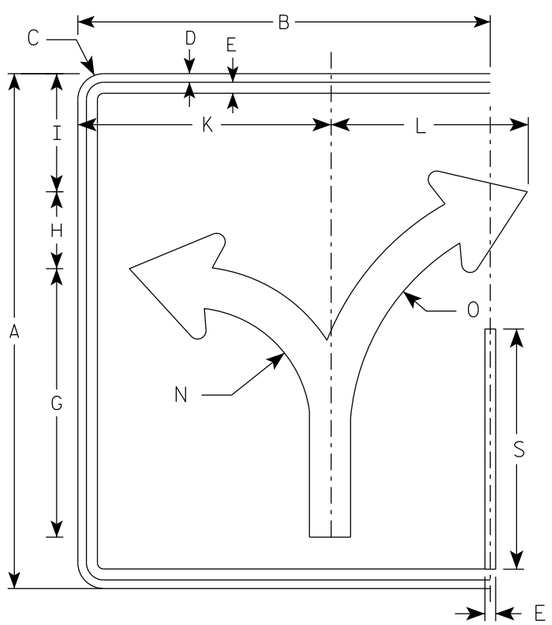
DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

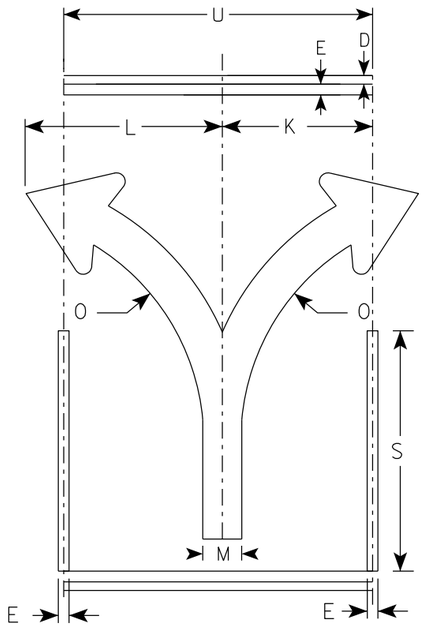
SHEET NO: 371 E

NOTES

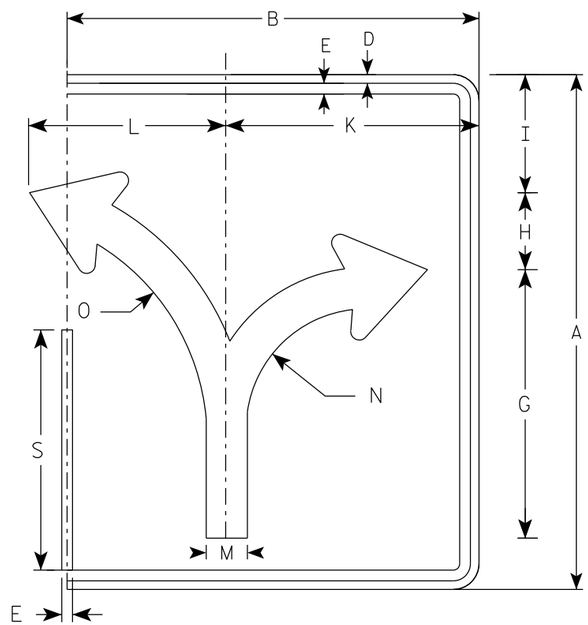
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



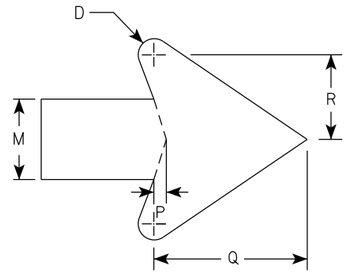
(C)



(C)



(C)



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	ENDS Area sq. ft.	MIDDLE Area sq. ft.
1																												
2S	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	8 1/4		17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		24						7.5	6.0
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0

STANDARD SIGN
R3-8 (C) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

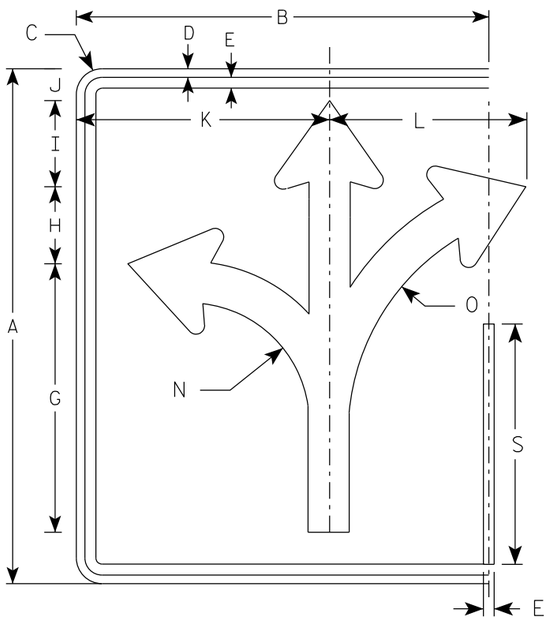
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 372 | E

7

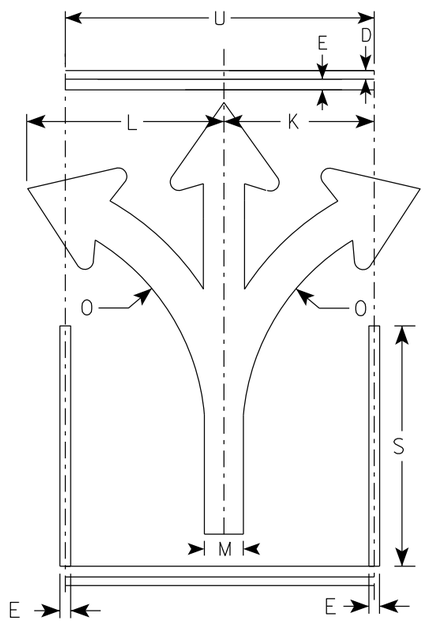
7

NOTES

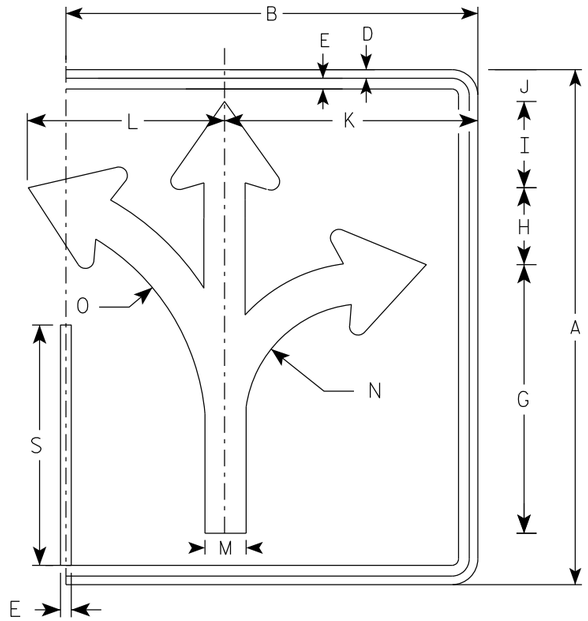
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



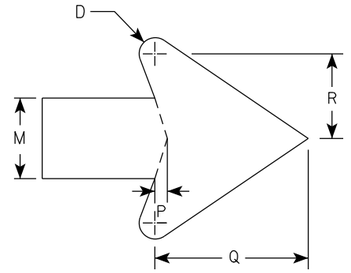
(D)



(D)



(D)



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	ENDS Area sq. ft.	MIDDLE Area sq. ft.
1																												
2S	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	6	2 1/4	17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		24						7.5	6.0
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0

STANDARD SIGN
R3-8 (D) Arrow

WISCONSIN DEPT OF TRANSPORTATION

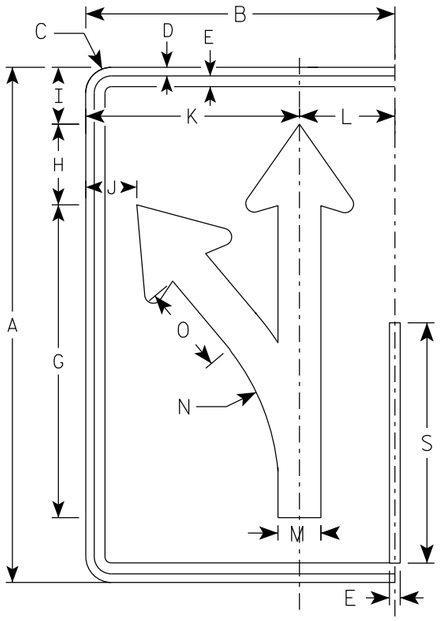
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

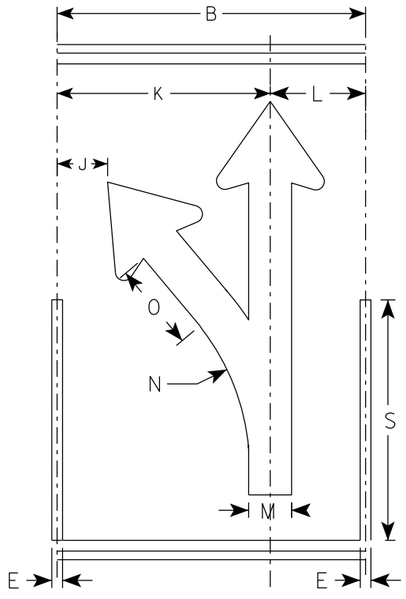
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 373 | E

NOTES

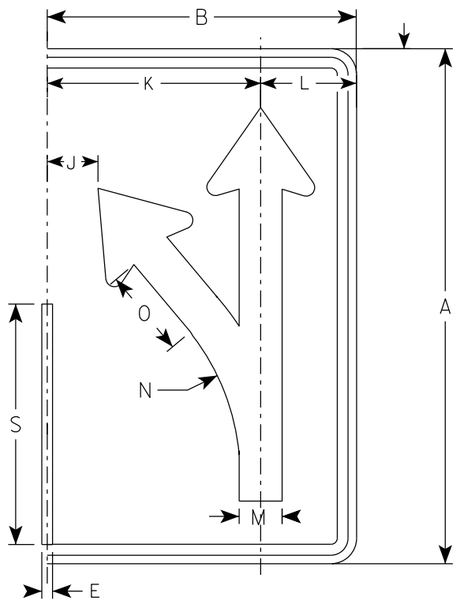
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



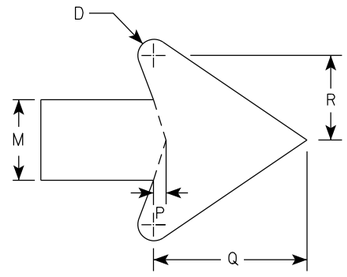
(E)



(E)



(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	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (E) Arrow

WISCONSIN DEPT OF TRANSPORTATION

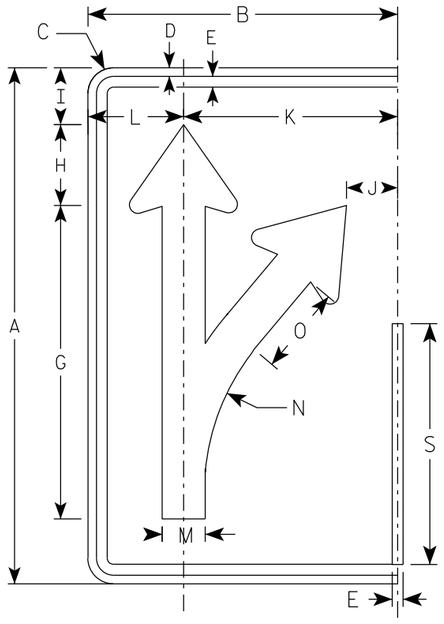
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

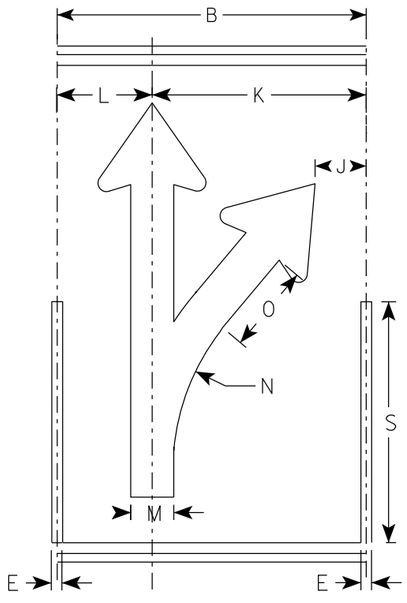
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 374 | E

NOTES

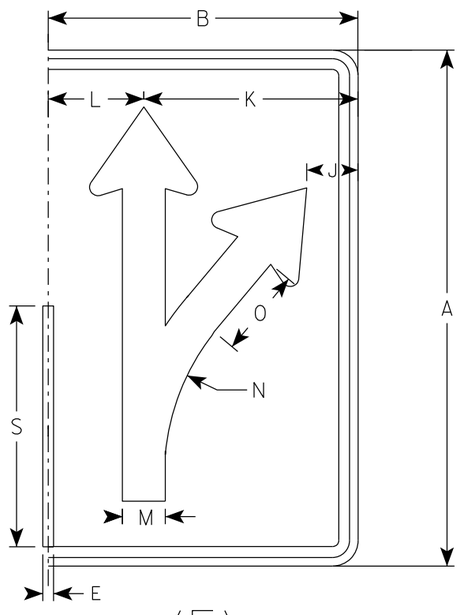
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



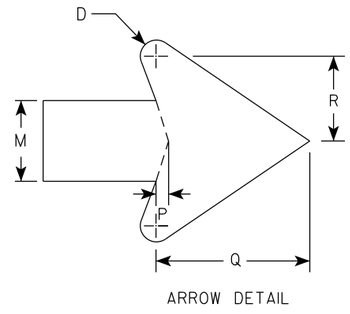
(F)



(F)



(F)



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	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (F) Arrow

WISCONSIN DEPT OF TRANSPORTATION

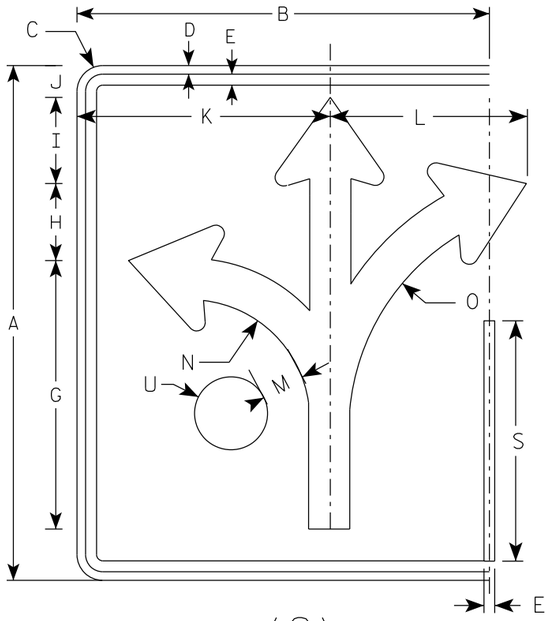
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

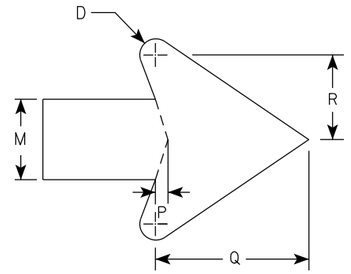
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 375 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(G)



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	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	6	3 1/8	17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		2 1/2						7.5
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0

STANDARD SIGN
R3-8 (G) Arrow

WISCONSIN DEPT OF TRANSPORTATION

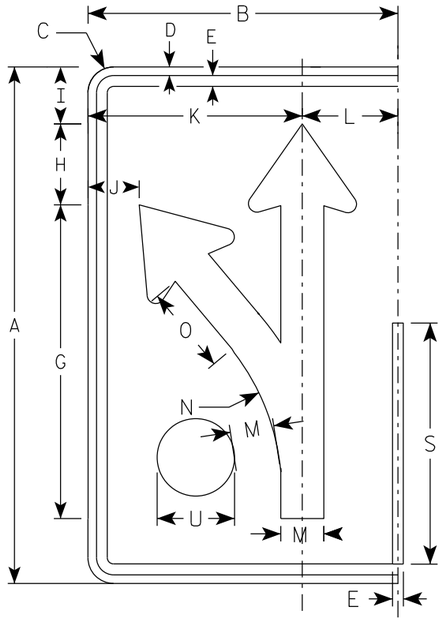
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

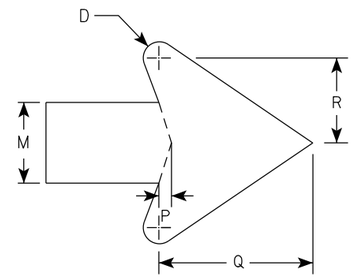
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 376	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(H)



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	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14		2 1/8						3.75
2M	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14		2 1/8						3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4		2 1/2						6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8		3 3/8						10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8		3 3/8						10.0

STANDARD SIGN
R3-8 (H) Arrow

WISCONSIN DEPT OF TRANSPORTATION

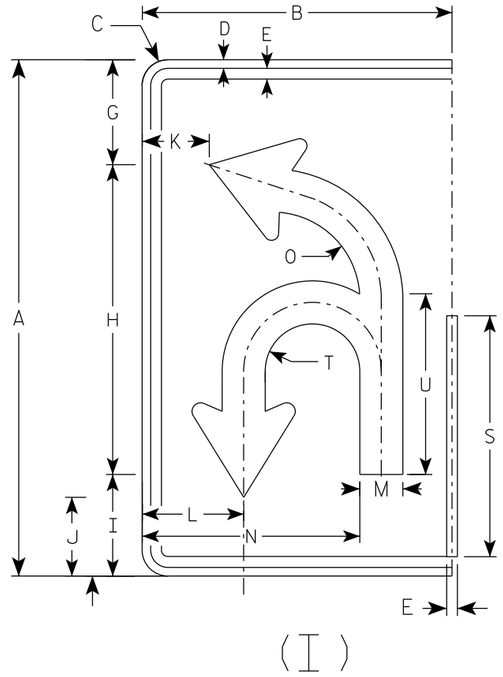
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

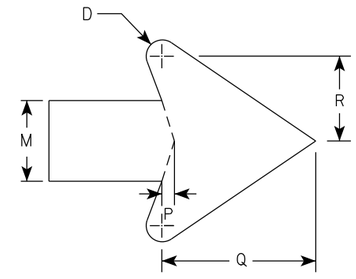
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 377 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(I)



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	18	1 1/2	1/2	5/8		6 1/8	18	5 7/8	4 5/8	3 7/8	5 7/8	2 1/2	12 5/8	5 1/8	3/8	4 3/4	2 5/8	14	2 3/4	10 1/2						3.75
2M	30	18	1 1/2	1/2	5/8		6 1/8	18	5 7/8	4 5/8	3 7/8	5 7/8	2 1/2	12 5/8	5 1/8	3/8	4 3/4	2 5/8	14	2 3/4	10 1/2						3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	21 5/8	7 1/8	5 1/2	5 7/8	8 1/4	3	16 3/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4	3 1/4	12 5/8						6.0
4	48	30	2 1/4	3/4	1		29 1/8	28 3/4	9 3/8	7 1/4	6 7/8	10	4	20 7/8	8 1/8	5/8	7 5/8	4 1/4	22 3/8	4 3/8	16 3/4						10.0
5	48	30	2 1/4	3/4	1		29 1/8	28 3/4	9 3/8	7 1/4	6 7/8	10	4	20 7/8	8 1/8	5/8	7 5/8	4 1/4	22 3/8	4 3/8	16 3/4						10.0

STANDARD SIGN
R3-8 (I) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

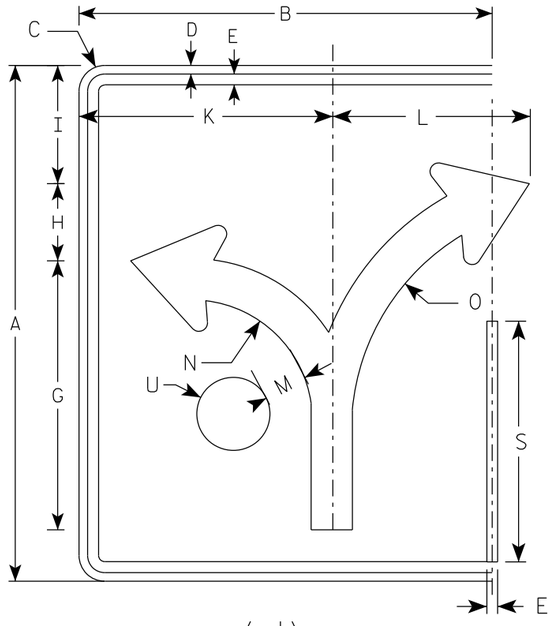
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 378 | E

7

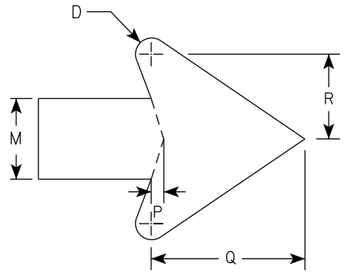
7

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(J)



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	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	8 1/4		17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		2 1/2						7.5
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0

STANDARD SIGN
R3-8 (J) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

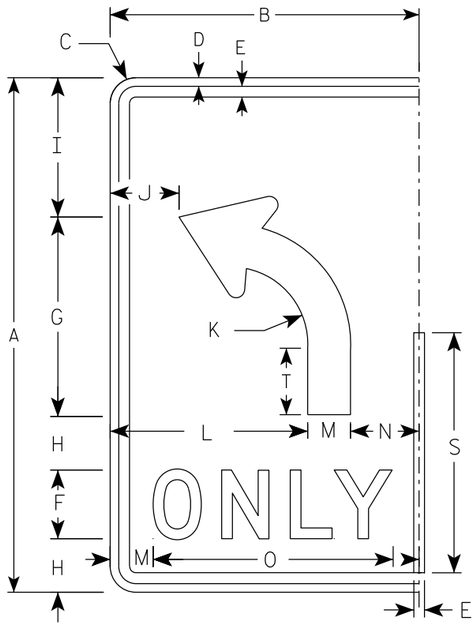
DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 379 | E

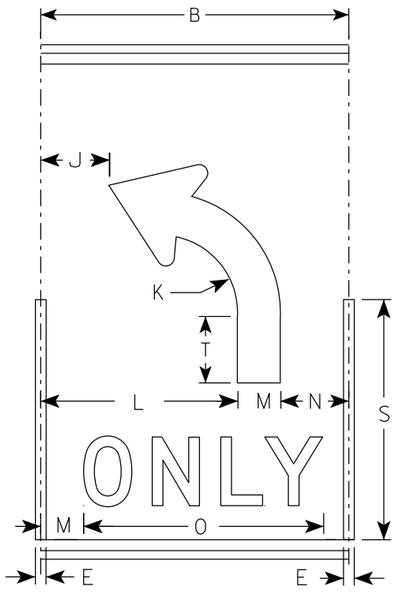
FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn PLOT DATE : 14-FEB 2023 3:18 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

NOTES

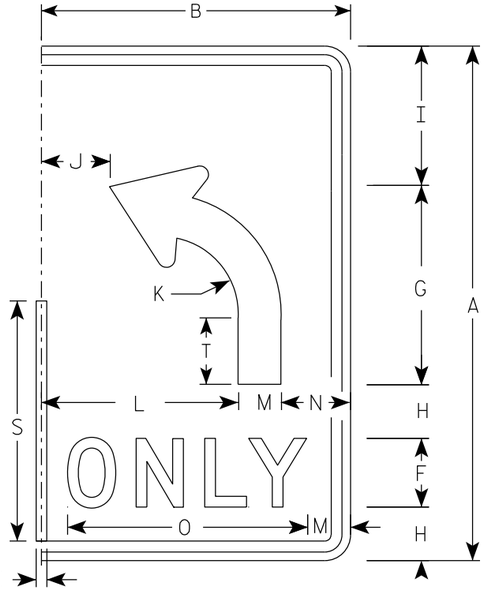
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



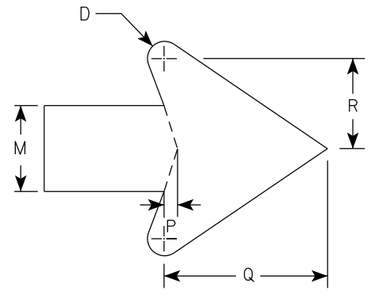
(L)



(L)



(L)



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	18	1 ½	½	⅝	4	11 ⅝	3 ⅛	8 ⅛	4	4 ½	11 ½	2 ½	4	14	⅜	4 ¾	2 ⅝	14	3 ⅞							3.75
2M	30	18	1 ½	½	⅝	4	11 ⅝	3 ⅛	8 ⅛	4	4 ½	11 ½	2 ½	4	14	⅜	4 ¾	2 ⅝	14	3 ⅞							3.75
3	36	24	1 ½	½	⅝	5	14	3 ½	9 ¾	6	5 ⅜	15	3	6	17 ⅝	½	5 ¾	3 ⅛	16 ¾	4 ⅝							6.0
4	48	30	2 ¼	¾	1	6	18 ⅝	5 ⅛	13 ⅛	6 ⅛	7 ¼	18	4	8	21 ¾	⅝	7 ⅝	4 ¼	22 ⅜	6 ¼							10.0
5	48	30	2 ¼	¾	1	6	18 ⅝	5 ⅛	13 ⅛	6 ⅛	7 ¼	18	4	8	21 ¾	⅝	7 ⅝	4 ¼	22 ⅜	6 ¼							10.0

STANDARD SIGN

R3-8 (L) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

SHEET NO: 380 E

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn PLOT DATE : 14-FEB 2023 3:02 PLOT BY : mscj9h PLOT NAME :

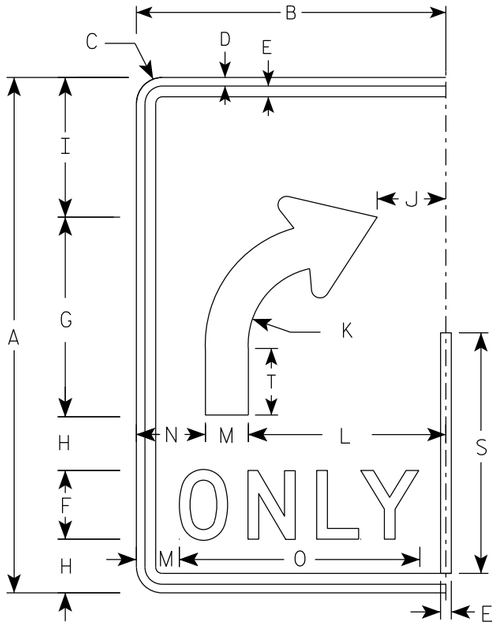
WISDOT/CADDS SHEET 42

7

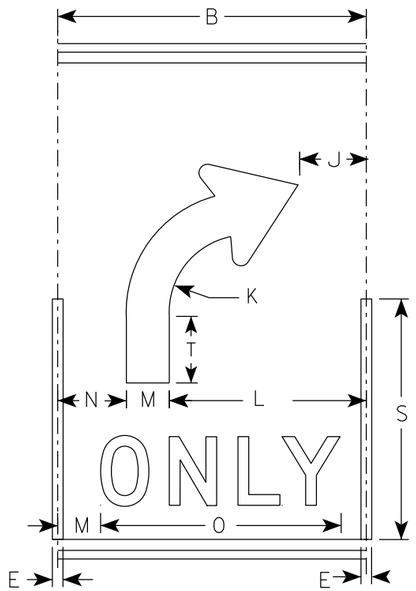
7

NOTES

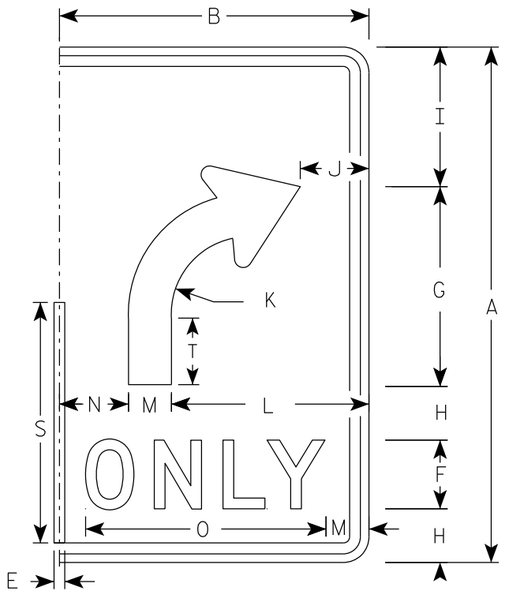
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



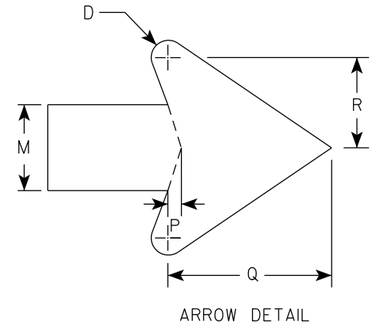
(R)



(R)



(R)



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	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
2M	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
3	36	24	1 1/2	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8							6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0

STANDARD SIGN

R3-8 (R) Arrow

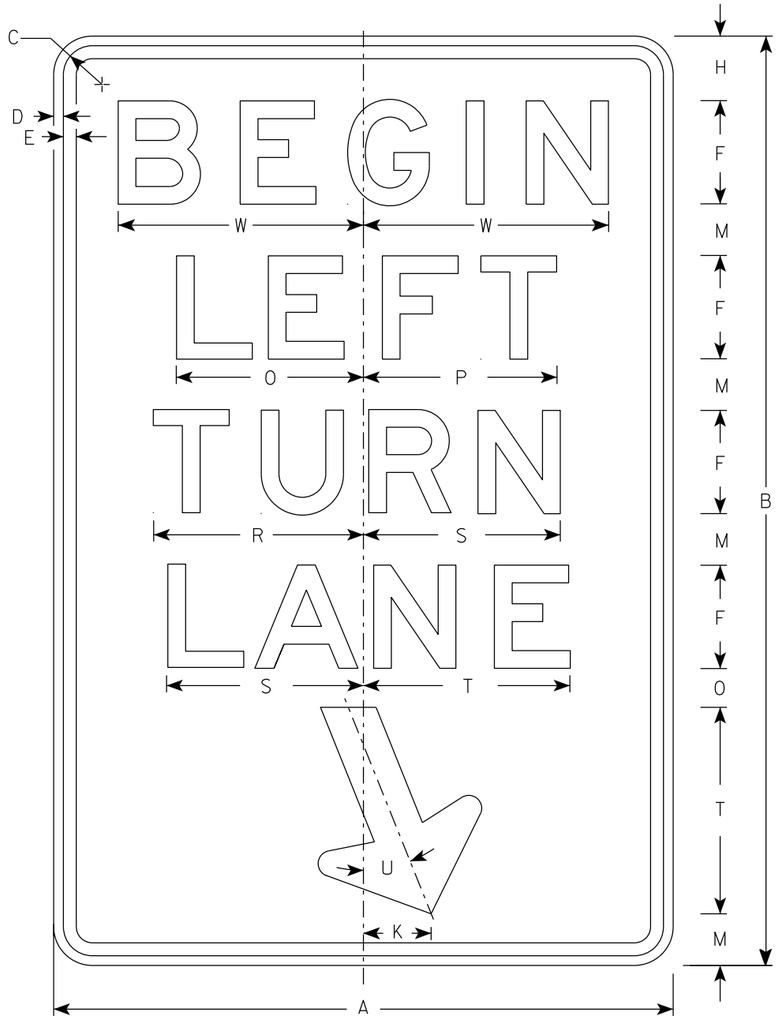
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

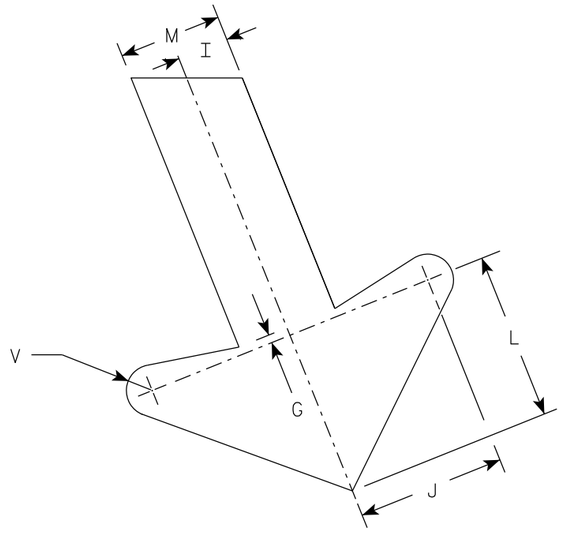
SHEET NO: 381 E



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																											

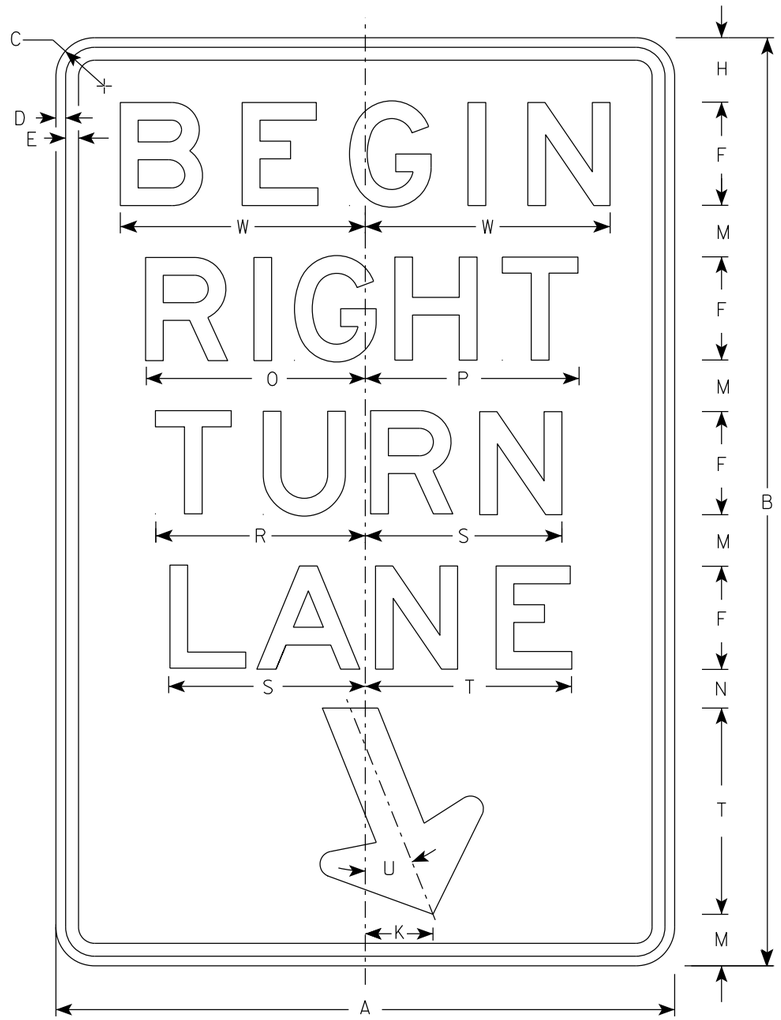
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20L.8

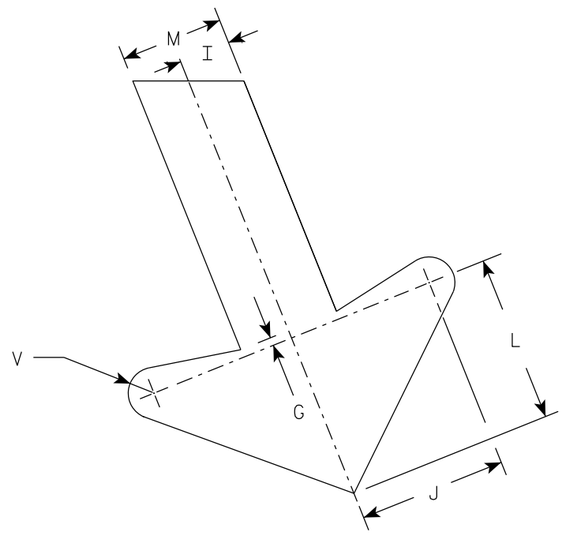
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 382	E



R3-20RR

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
R3-20RR

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

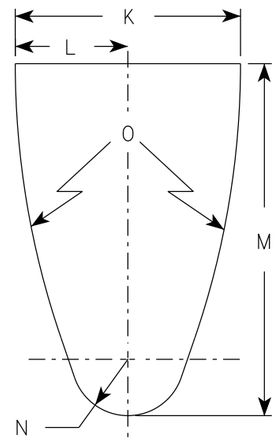
DATE 2/23/23 PLATE NO. R3-20RR.2

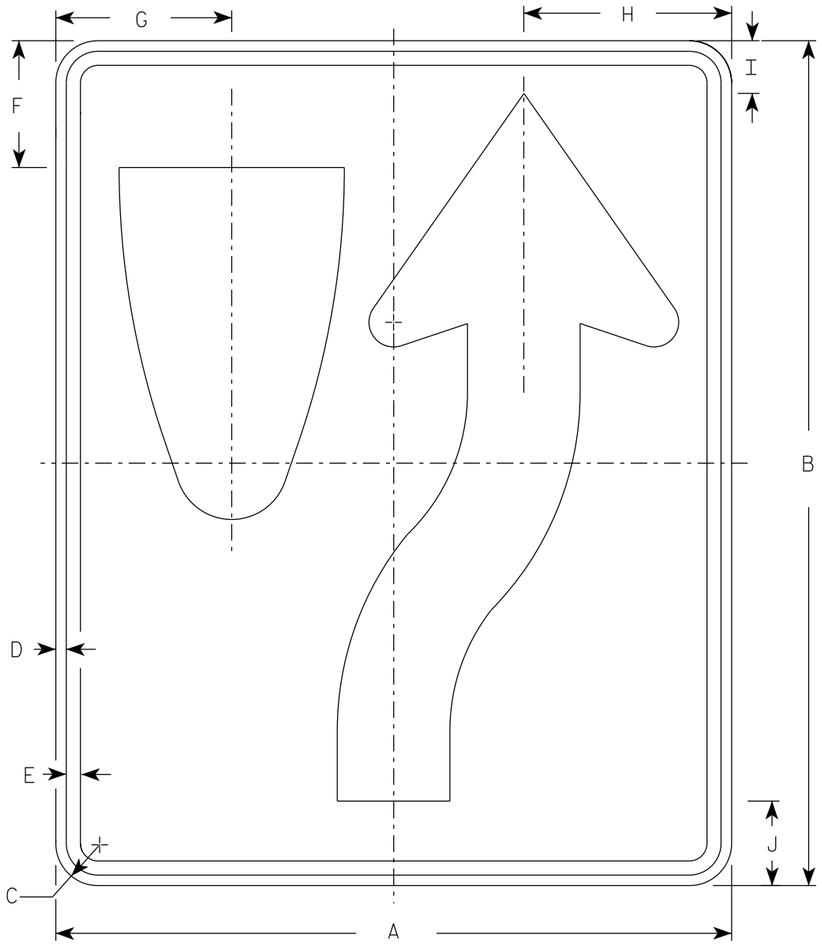
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 383	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R4-8 is the same as R4-7 except Legend is reversed.

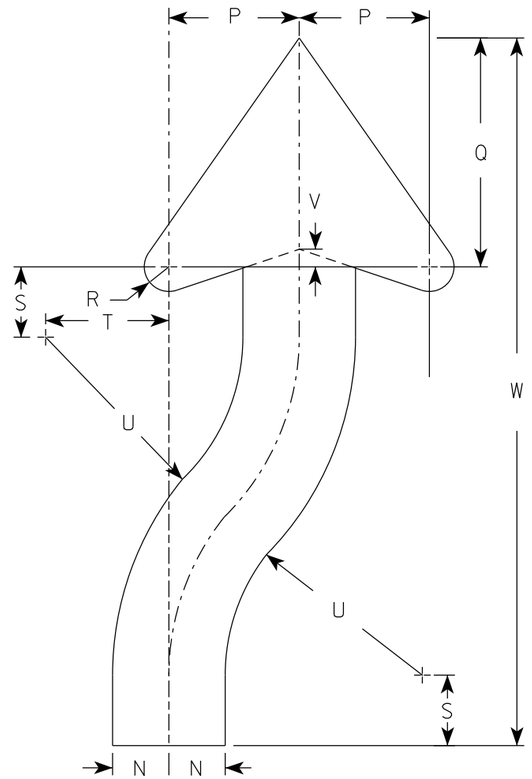
DIVIDER DETAIL





R4-7

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	18	24	1 1/2	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	3	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

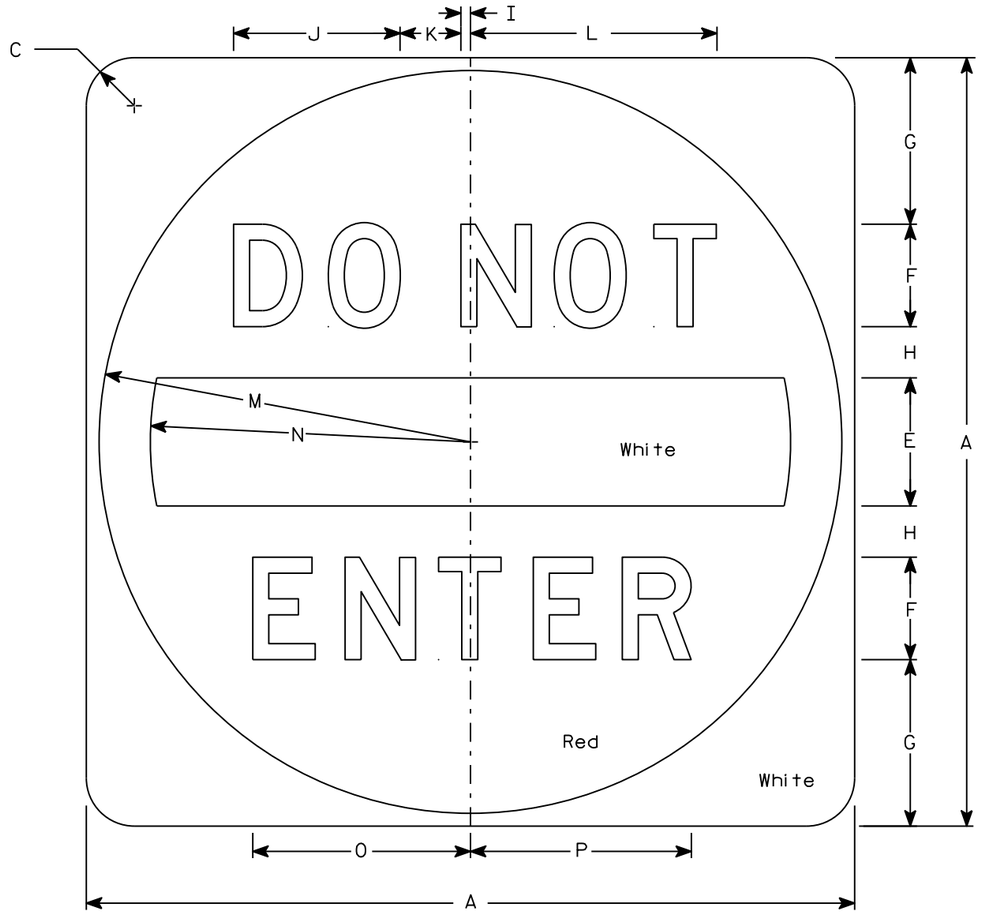
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/17/23 PLATE NO. R4-7.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 384	E



R5-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See detail
   Message - White
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	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.25
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

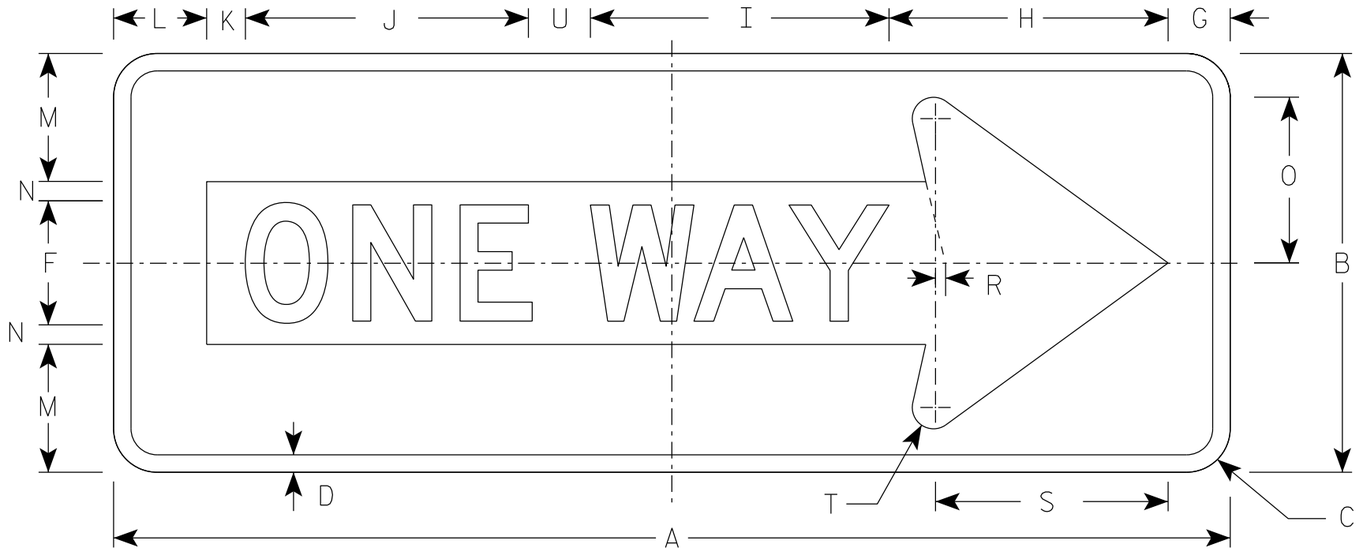
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

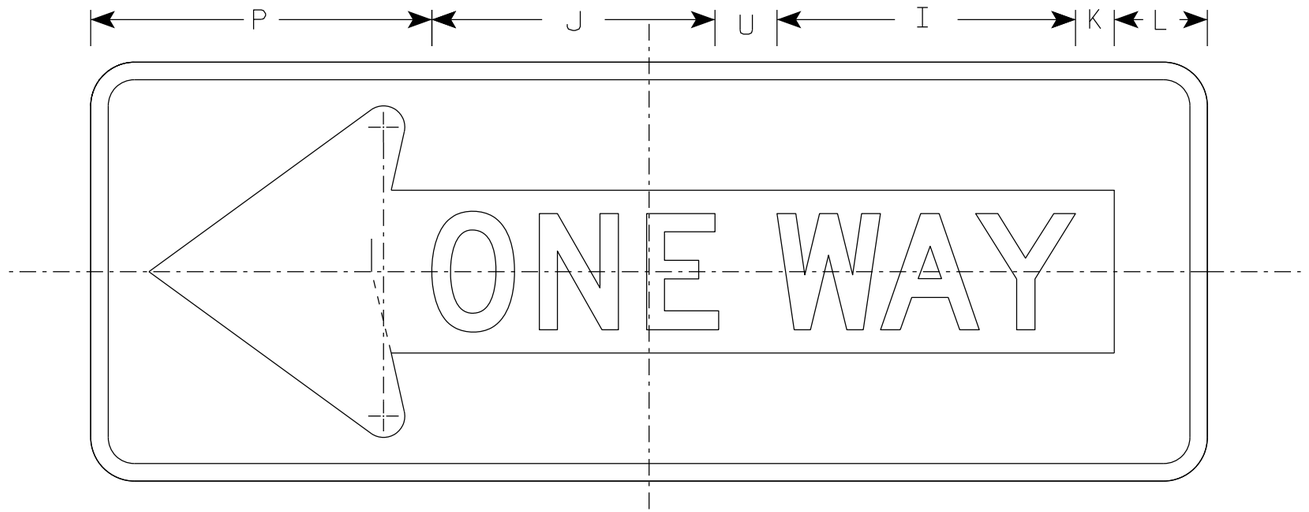
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/18 PLATE NO. R5-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 385 | E



R6-1R



R6-1L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Black
   Message - Black Legend & White Arrow & Border
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	36	12	1 ½	½		4	2	7 ½	9 ⅝	9 ⅛	1 ¼	3	3 ⅜	⅝	4 ⅜	11		⅜	7 ½	¾	2						3.0
2M	48	18	1 ⅞	¾		5	2 ½	11	13	12 ¼	2 ¾	3 ½	5 ½	1	7 ⅛	13 ½		½	10 ⅛	⅞	3						6.0
3	48	18	1 ⅞	¾		5	2 ½	11	13	12 ¼	2 ¾	3 ½	5 ½	1	7 ⅛	13 ½		½	10 ⅛	⅞	3						6.0
4	48	18	1 ⅞	¾		5	2 ½	11	13	12 ¼	2 ¾	3 ½	5 ½	1	7 ⅛	13 ½		½	10 ⅛	⅞	3						6.0
5																											

STANDARD SIGN
R6-1 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/7/2025 PLATE NO. R6-1.5

PROJECT NO:

SHEET NO: 386 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R61.dgn PLOT DATE : 7-APR 2025 1:18 PLOT BY : dotc4c

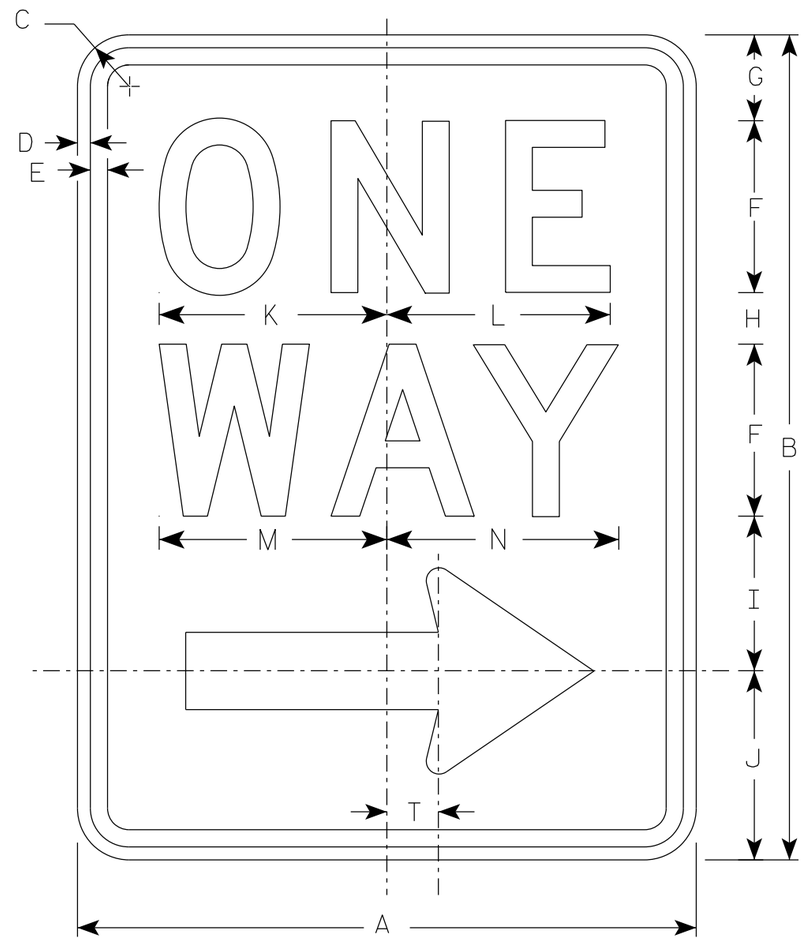
WISDOT/CADDS SHEET 42

7

7

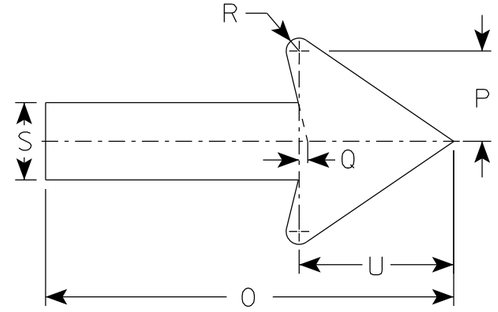
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R6-2L same as R6-2R except arrow points to the left.



R6-2R

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
1	18	24	1 1/2	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	1 1/2	1 1/2	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 7/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

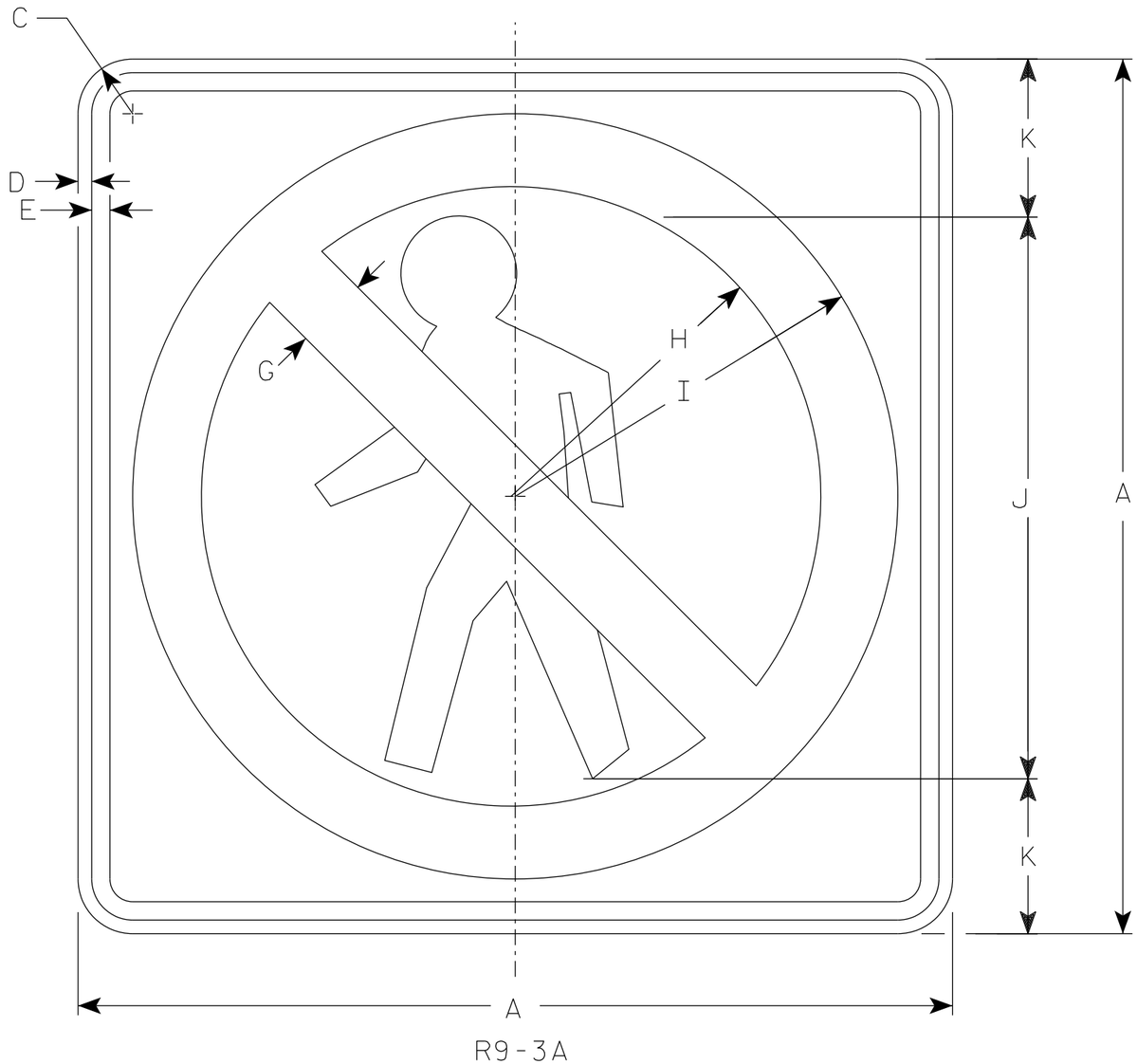
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 387 | E



R9-3A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Pedestrian are non-reflective black. Circle with diagonal bar is reflective red.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/2	3/8	3/8		1 1/2	6 1/4	7 7/8	12	3																2.25
2S	24		1 1/2	3/8	1/2		2	8 1/2	10 1/2	15	4																4.00
2M	24		1 1/2	3/8	1/2		2	8 1/2	10 1/2	15	4																4.00
3																											
4																											
5																											

STANDARD SIGN
R9-3A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

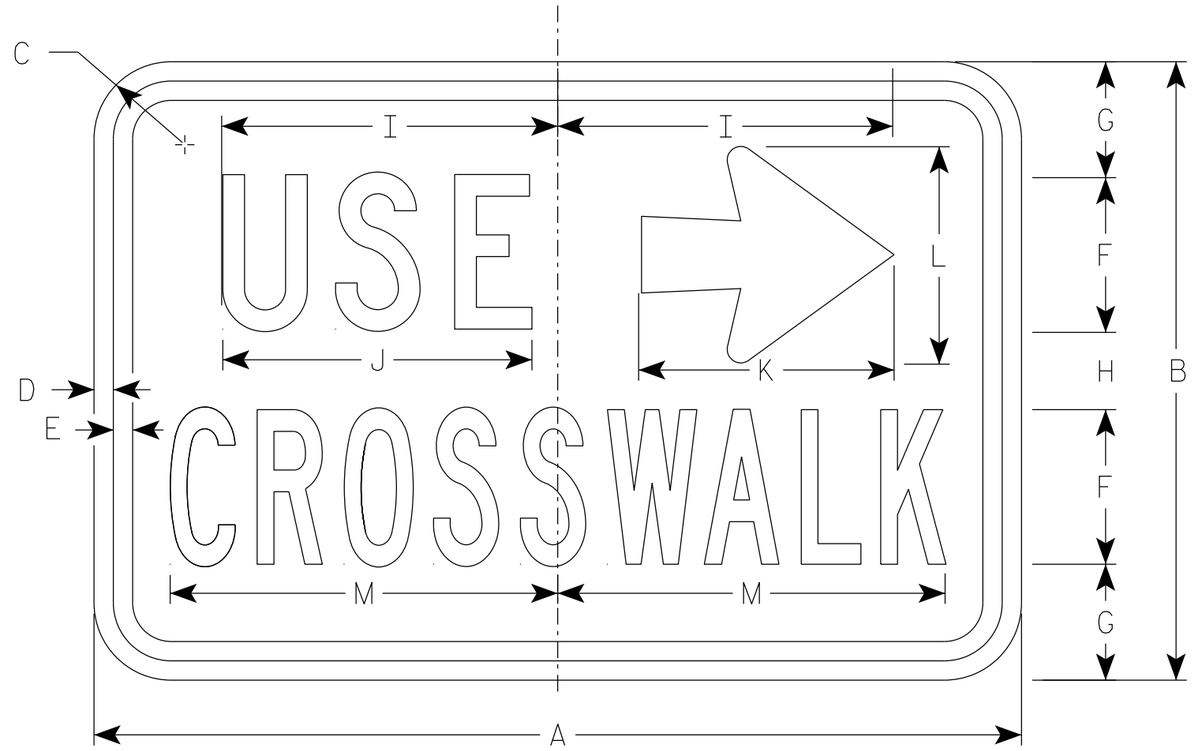
DATE 1/23/24 PLATE NO. R9-3A.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 388 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R93A.dgn PLOT DATE : 23-JAN 2024 1:15 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C Line 1, Series B Line 2



R9-3B

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	18	12	1 1/2	3/8	3/8	3	2 1/4	1 1/2	6 1/2	6	5	4 1/4	7 1/2														1.5
2M	18	12	1 1/2	3/8	3/8	3	2 1/4	1 1/2	6 1/2	6	5	4 1/4	7 1/2														1.5
3																											
4																											
5																											

STANDARD SIGN
R9-3B

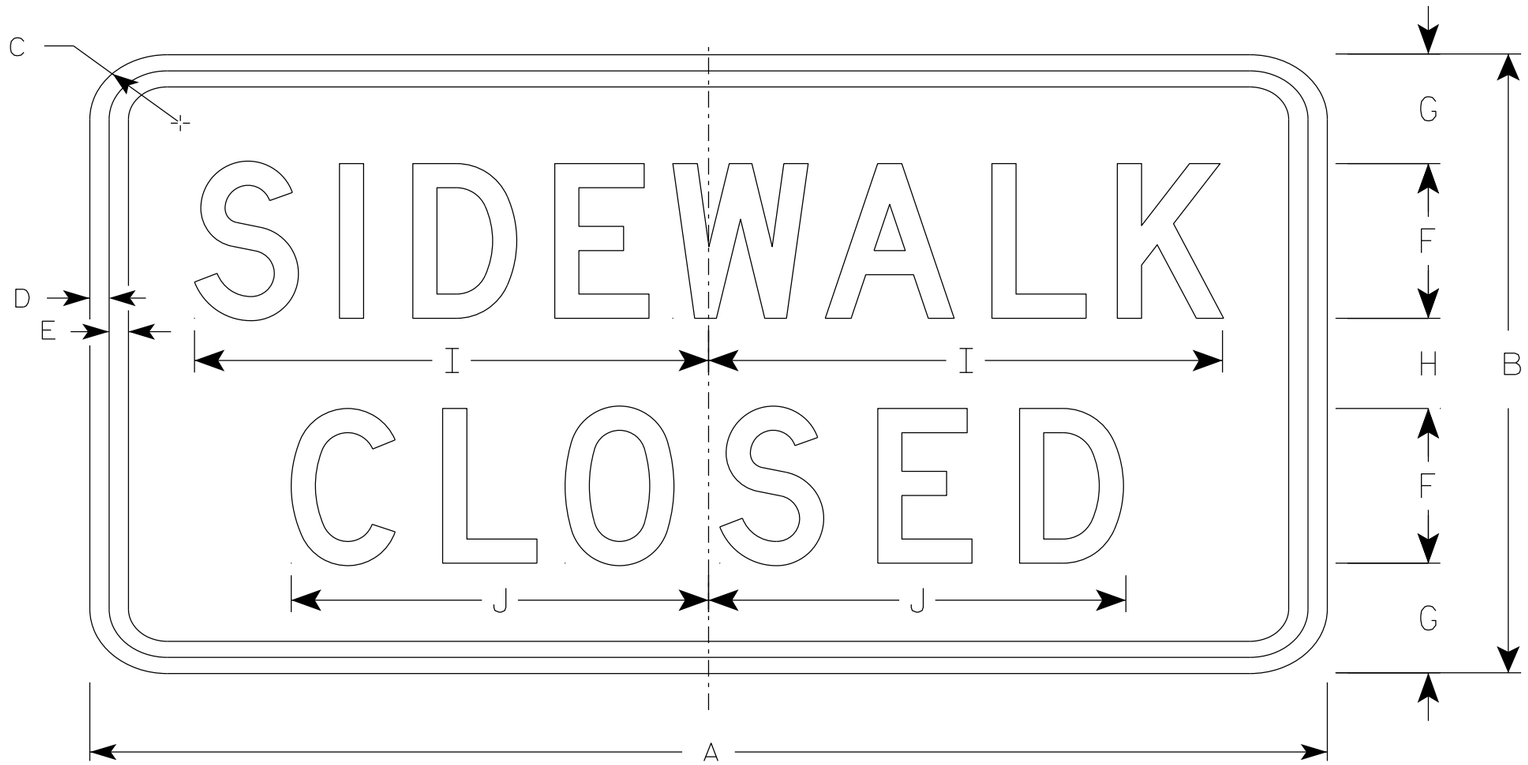
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/23/24 PLATE NO. R9-3B.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 389 | E

7



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																											

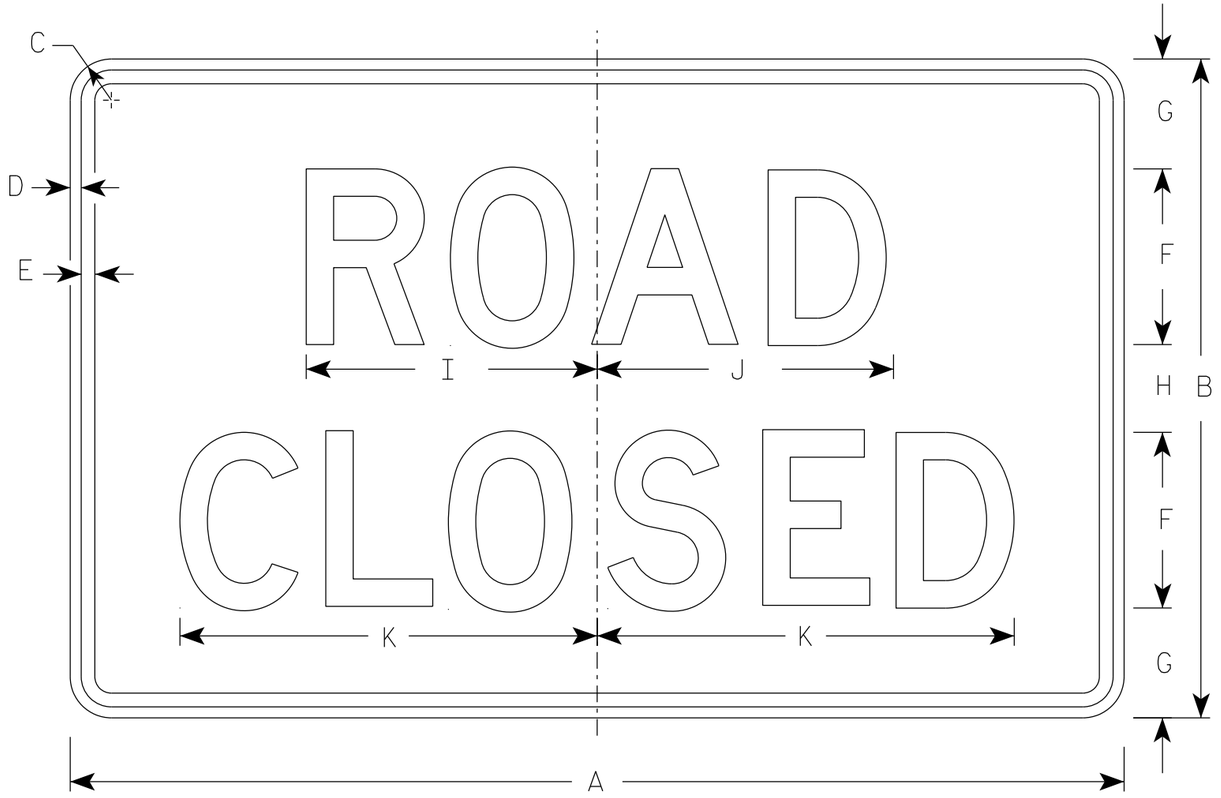
STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

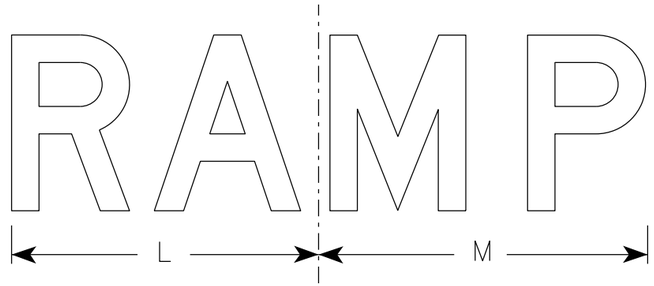
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 390	E



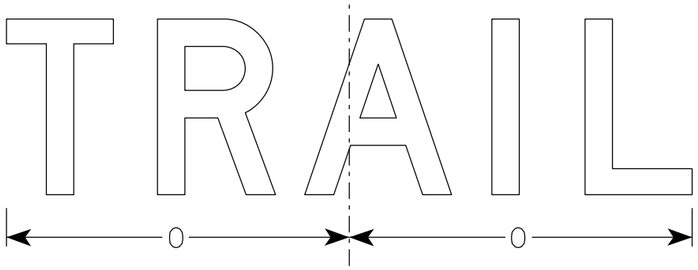
R11-2

NOTES

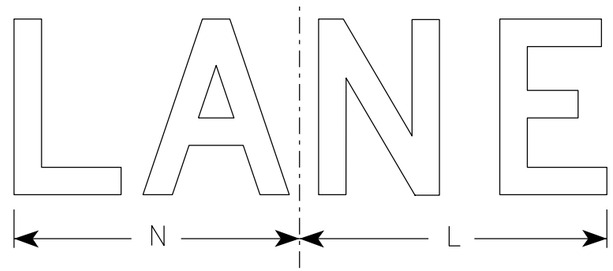
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the 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

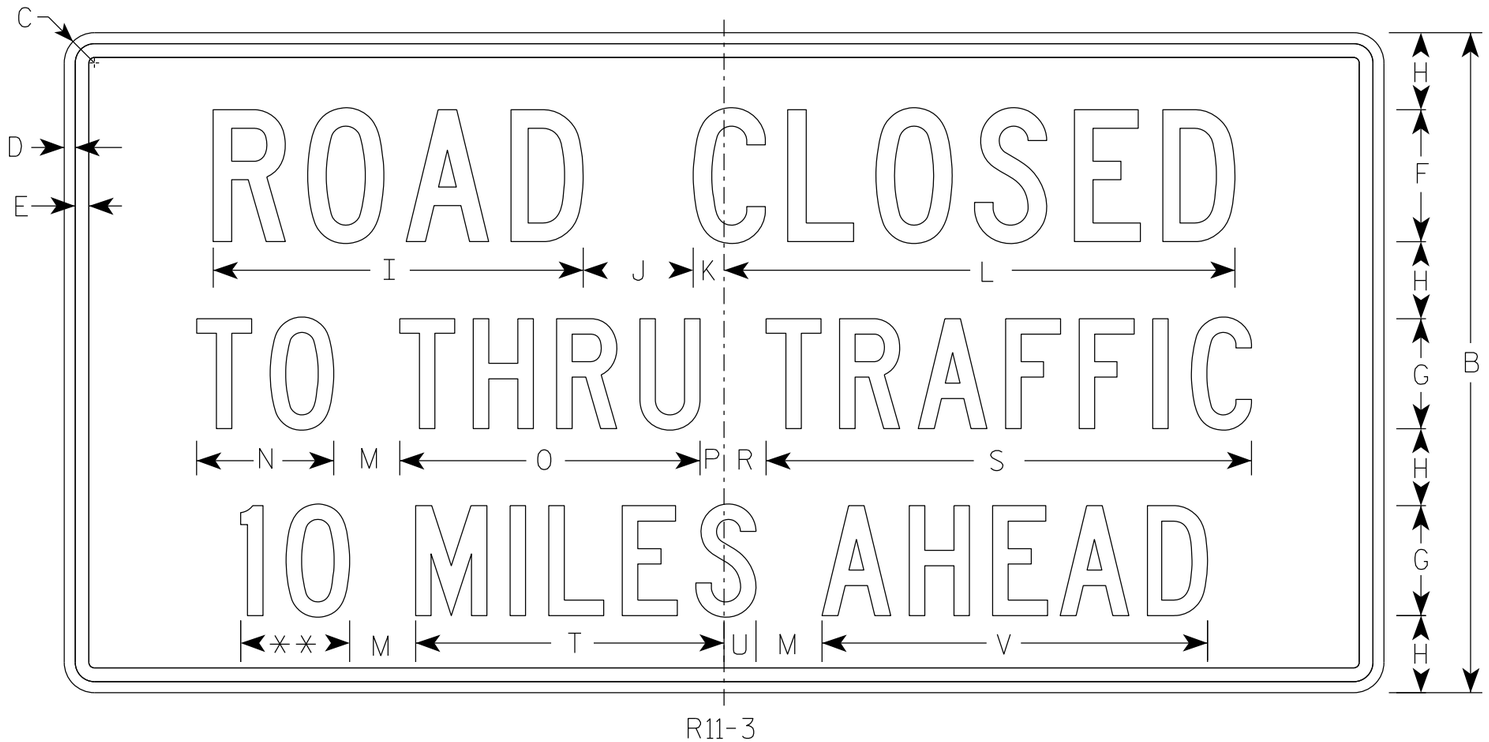
DATE 2/5/24 PLATE NO. R11-2.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

7

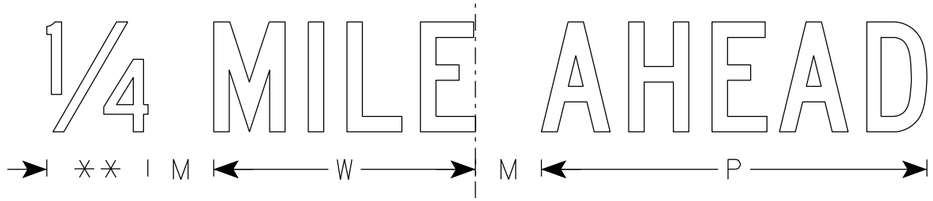
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

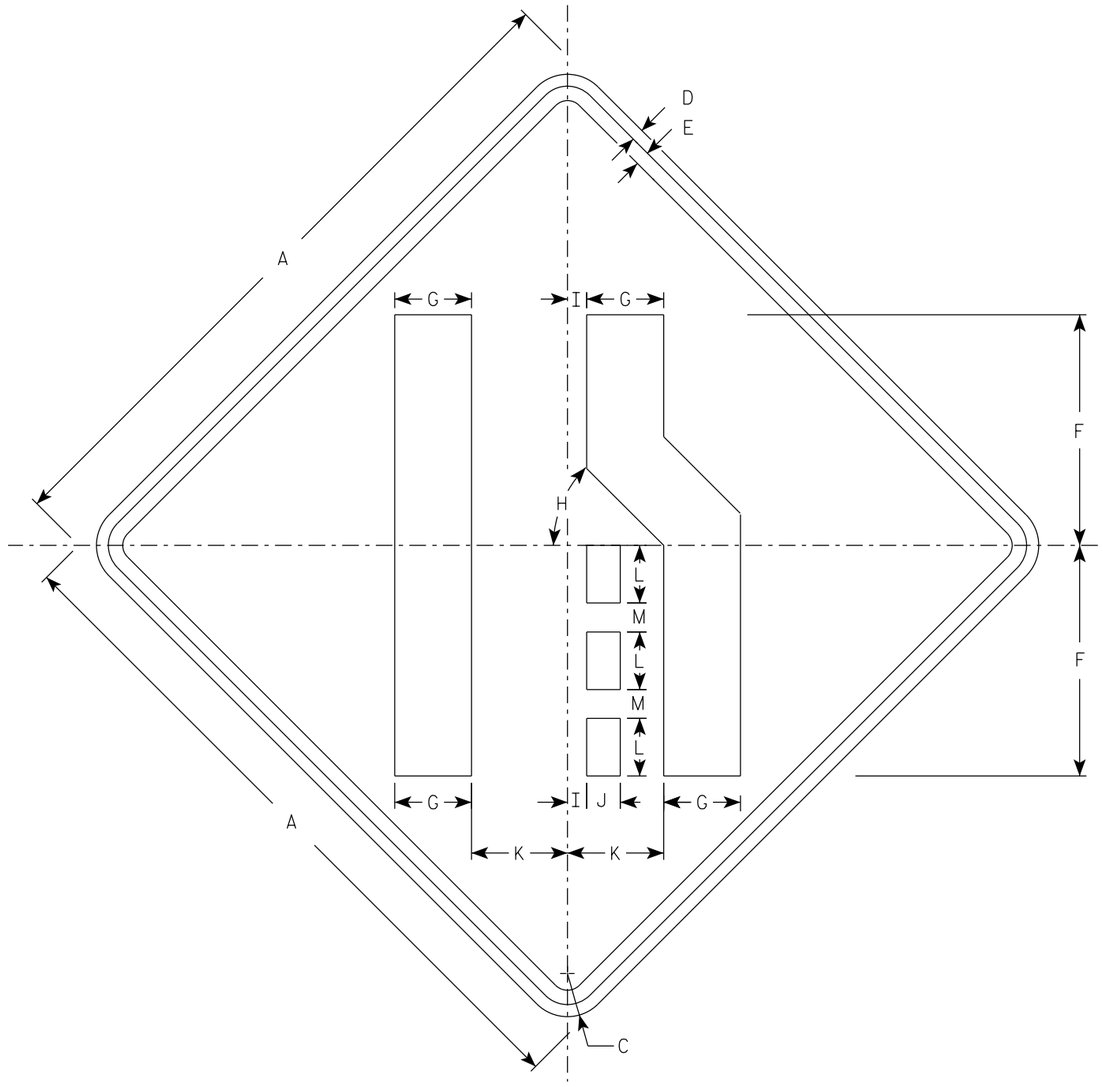
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 392 E



W4-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W4-2L is the same as W4-2R except the symbolis reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	10	3 3/8	45°	7/8	1 1/2	4 1/4	2 1/2	1 1/4														6.25
2S	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2M	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
3	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
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
W4-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/31/2023 PLATE NO. W4-2.15

PROJECT NO:

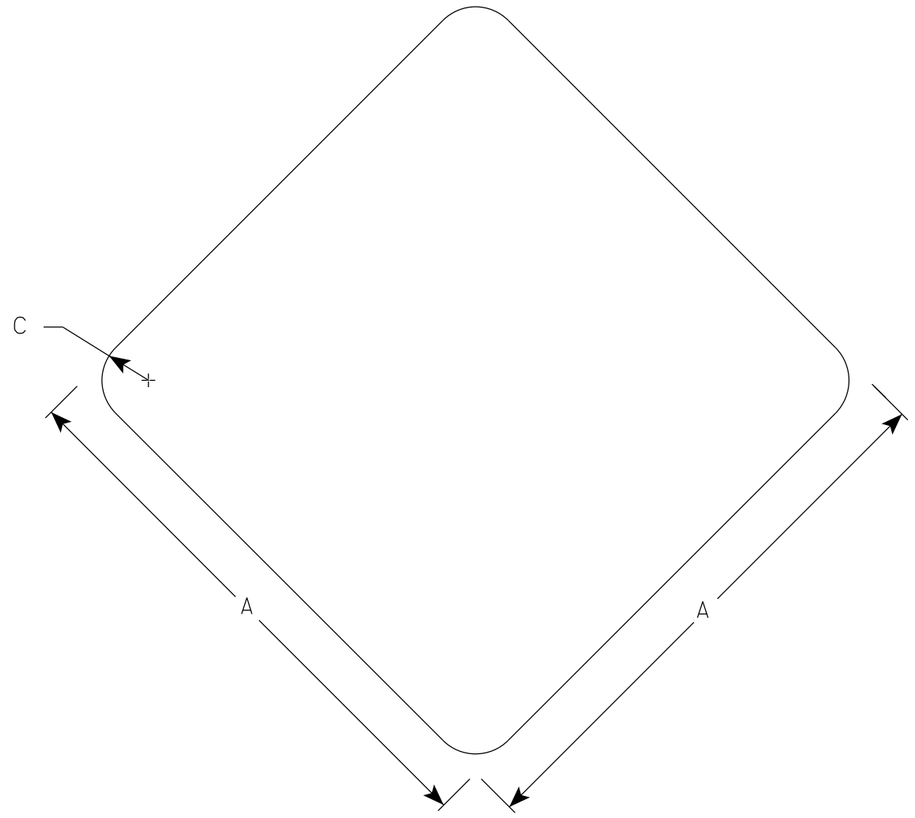
SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W42.DGN PLOT DATE : 31-AUG 2023 11:15 PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

7

7



W5-54

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12		1 ½																								1.0
2S	18		1 ½																								2.25
2M	18		1 ½																								2.25
3																											
4																											
5																											

STANDARD SIGN
W5-54

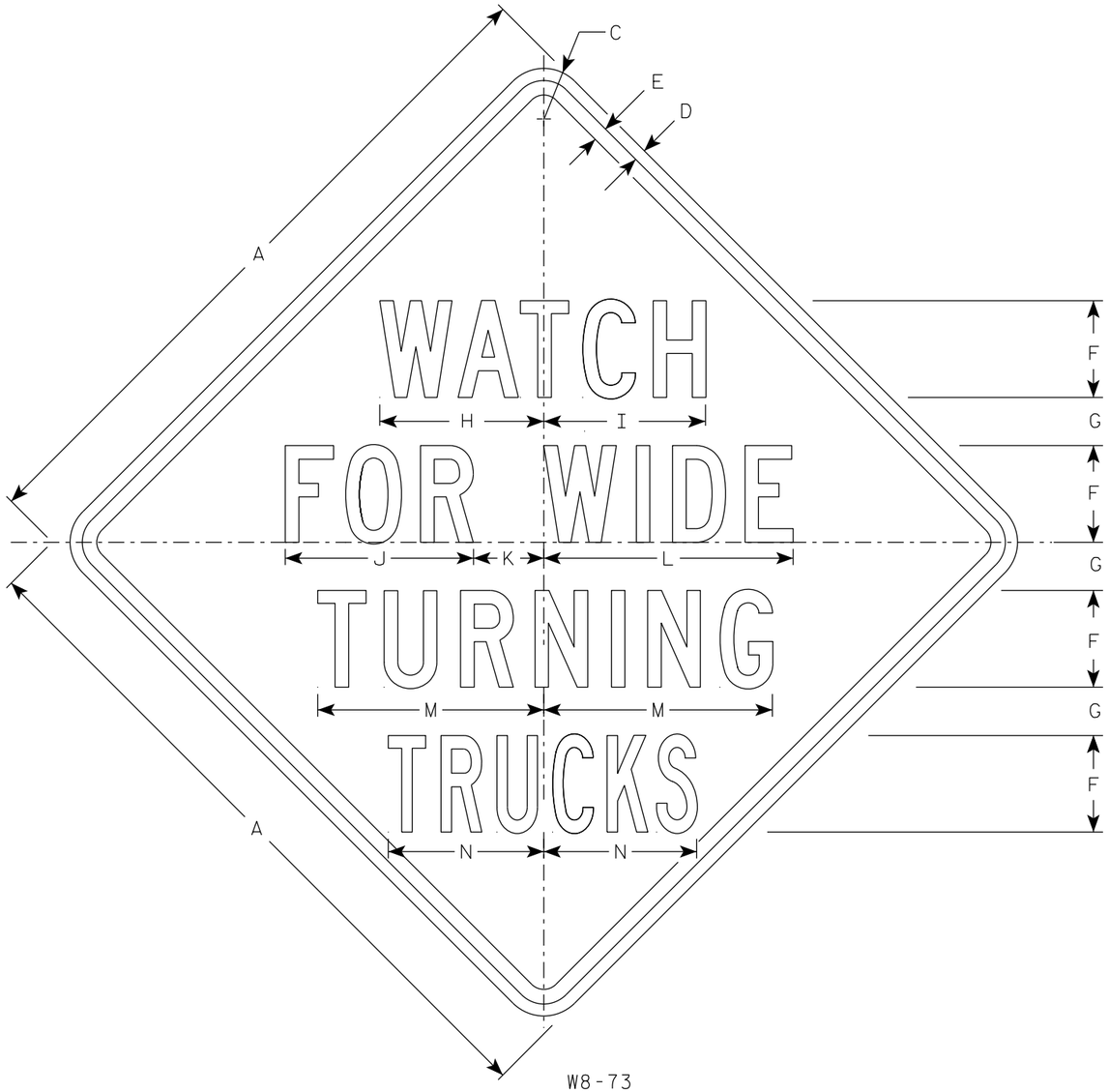
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/5/2024 PLATE NO. W5-54.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate_W554.dgn PLOT DATE : 5-MARCH 2024 11:55 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W8-73

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C except line 4 Series B

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		1 7/8	1/2	5/8	4	2	6 7/8	6 3/4	7 7/8	3	10 3/8	9 1/2	6 1/2													6.25
2M	36		2 1/4	5/8	3/4	5	2 1/2	8 1/2	8 3/8	9 3/4	3 5/8	12 7/8	11 3/4	8													9.0
3	36		2 1/4	5/8	3/4	5	2 1/2	8 1/2	8 3/8	9 3/4	3 5/8	12 7/8	11 3/4	8													9.0
4																											
5																											

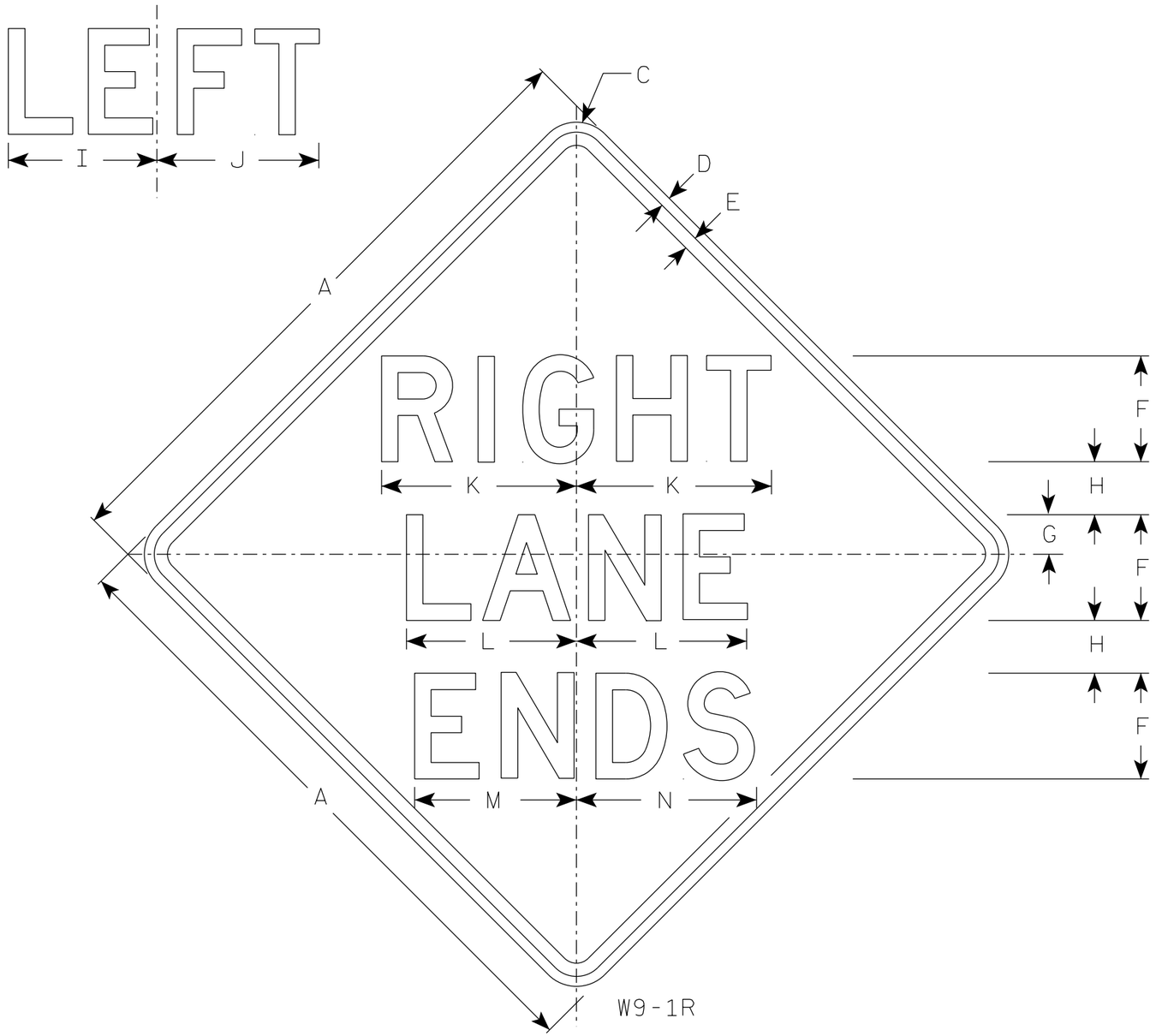
STANDARD SIGN
W8-73

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/9/2023 PLATE NO. W8-73.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D
4. W9-1L same as W9-1R except the word Left replaces Right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	5	1 1/2	2 1/2	7 1/8	7 5/8	9 1/4	8 1/8	7 5/8	8 5/8													6.25
2S	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
2M	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
3	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
4	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
5	48		3	3/4	1	8	3	4	11 1/4	12 1/4	14 3/4	12 7/8	12 1/4	13 5/8													16.0

STANDARD SIGN
W9-1

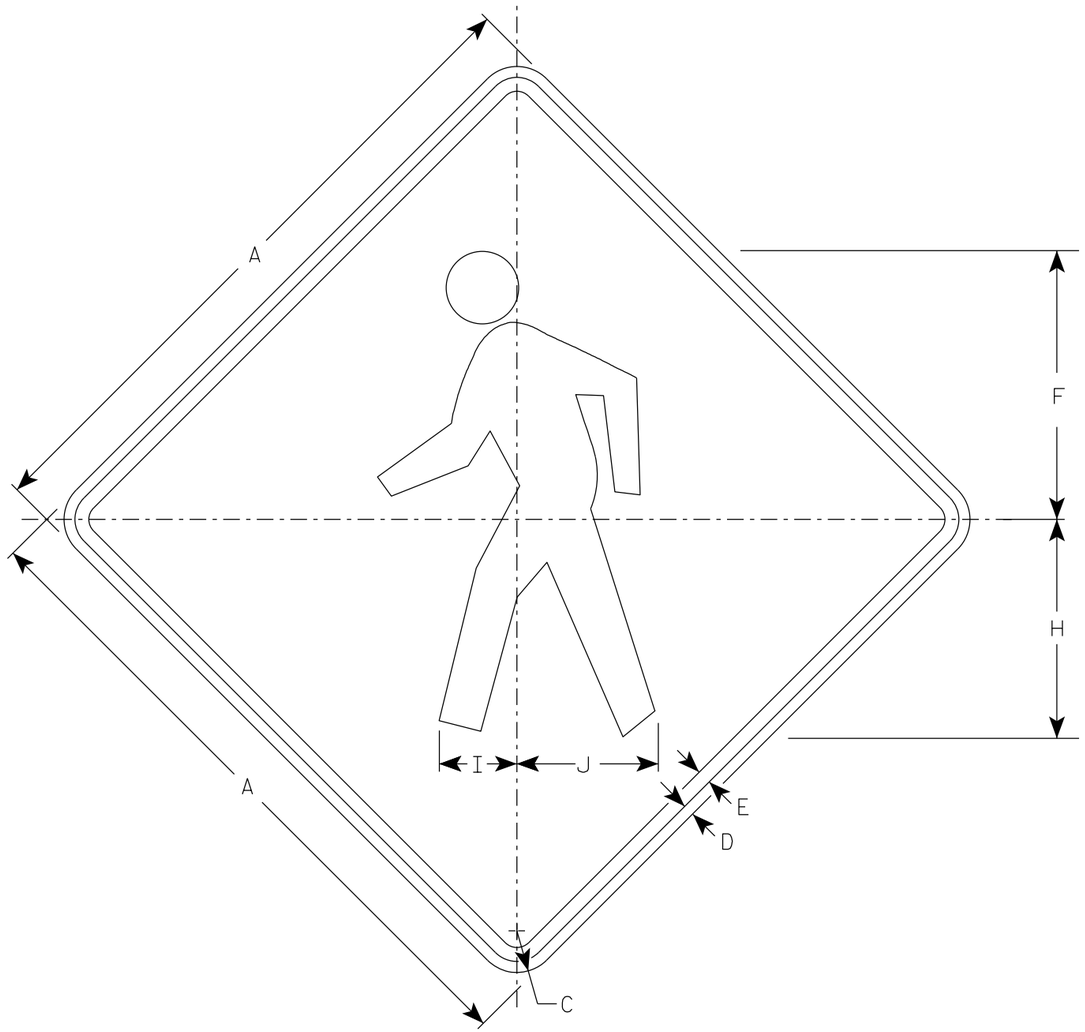
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/9/2023 PLATE NO. W9-1.9

PROJECT NO:

SHEET NO: 396 E



W11-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 7/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

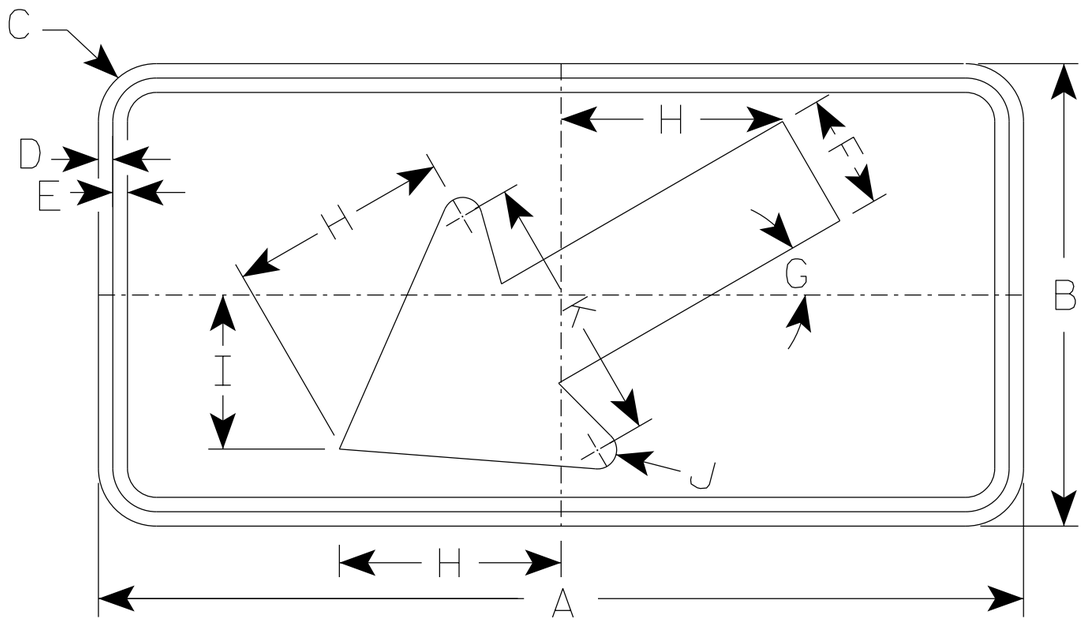
STANDARD SIGN
W11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 6/15/2023 PLATE NO. W11-2.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 397 E



W16-7L

* For 36" x 36" Warning Signs, use 30" x 18" W16-7L signs.
* For 48" x 48" Warning Signs, use 48" x 24" W16-7L signs.

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W16-7R is the same as W16-7L except the arrow is reversed along the vertical centerline.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1																											
	2S	24	12	1 ½	⅜	⅜	3	30°	5 ¾	4	½	7																2.0
*	2M	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
*	3	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
*	4	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0
	5																											

STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

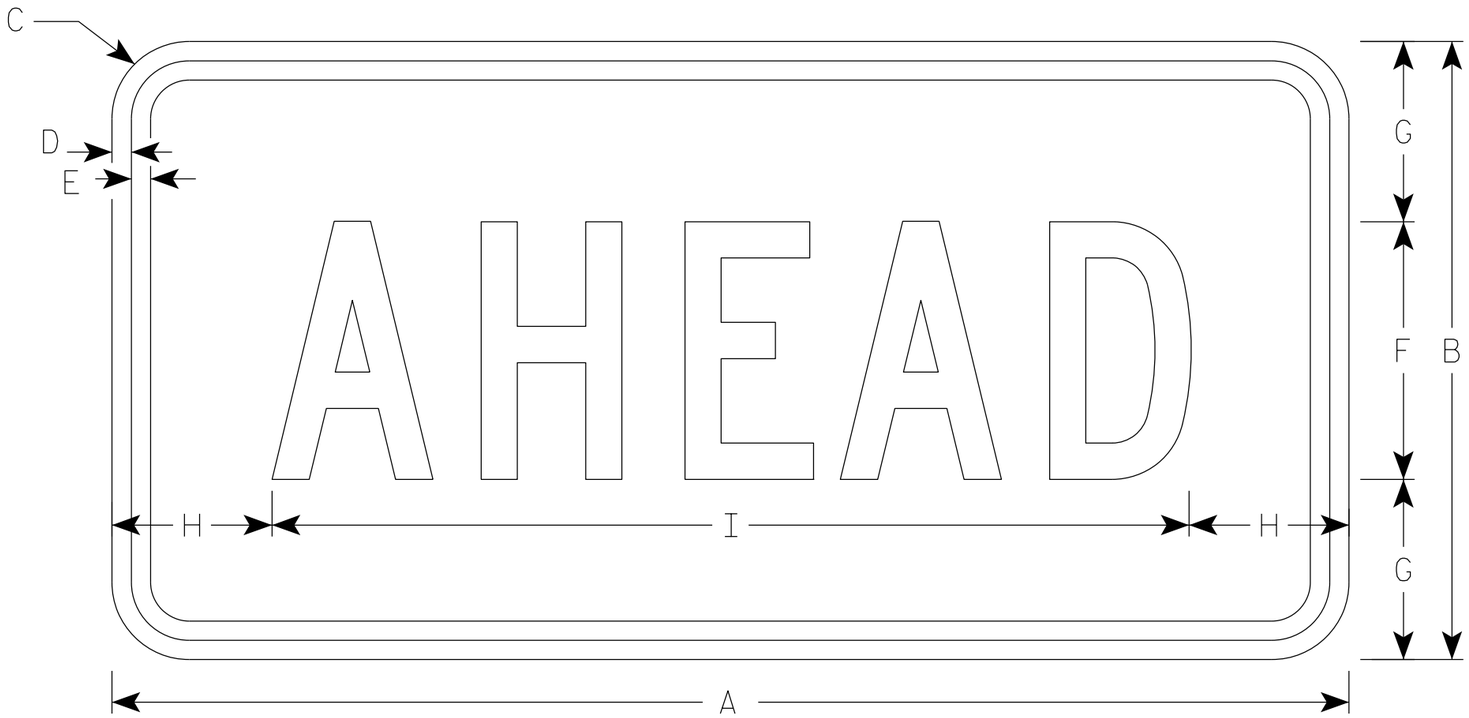
DATE 1/9/2024 PLATE NO. W16-7.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 398 E

7

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C



W16-9P

* For 36" x 36" Warning Signs, use 30" x 18" W16-9P signs.
* For 48" x 48" Warning Signs, use 48" x 24" W16-9P signs.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1																											
	2S	24	12	1 1/2	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
*	2M	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
*	3	30	18	1 1/2	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
*	4	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
	5																											

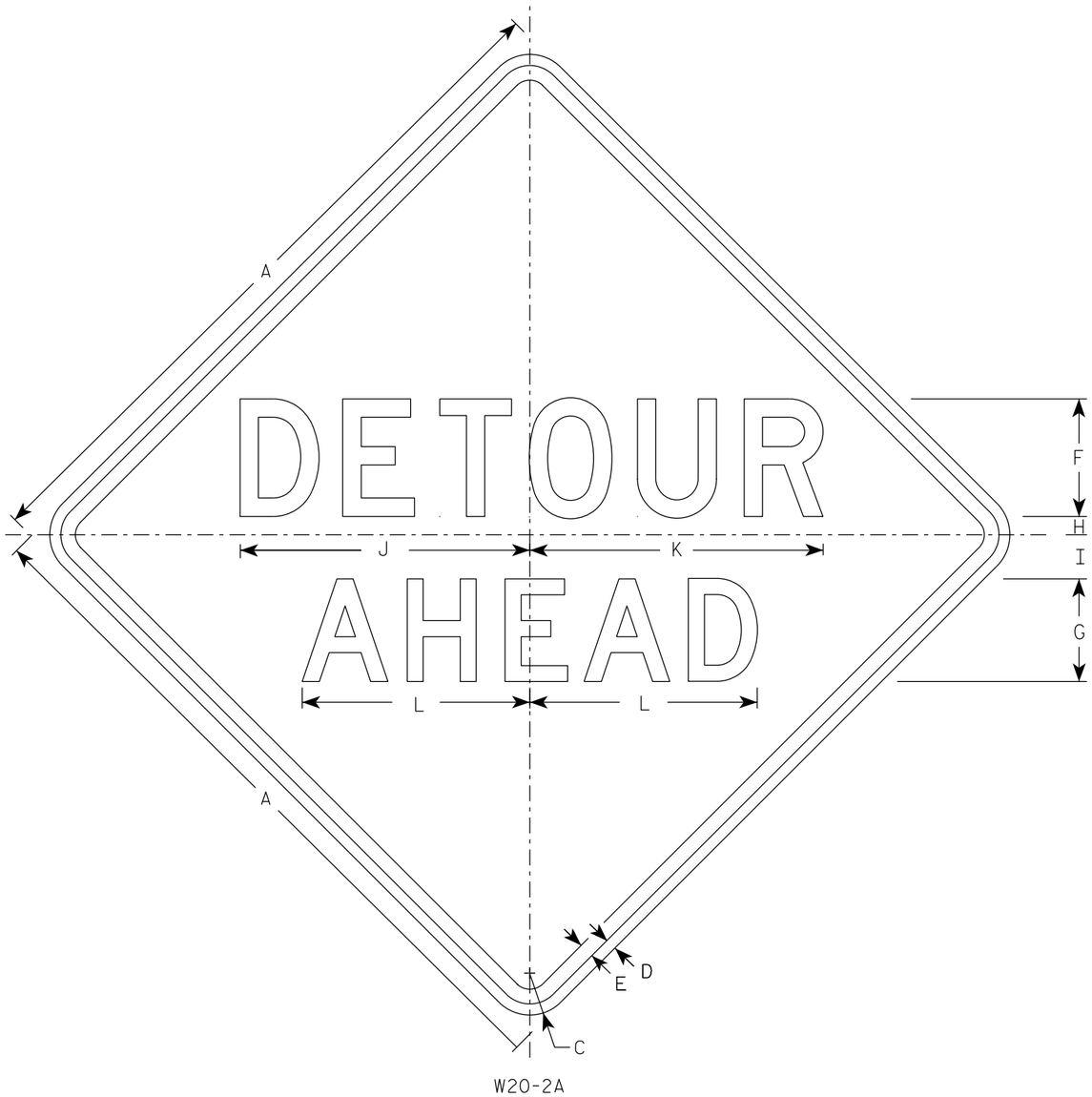
STANDARD SIGN
W16-9P

WISCONSIN DEPT OF TRANSPORTATION

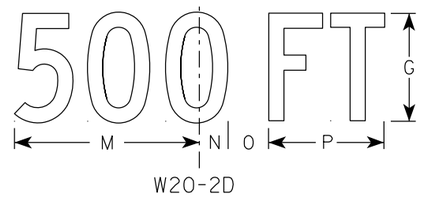
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/9/2024 PLATE NO. W16-9P.9

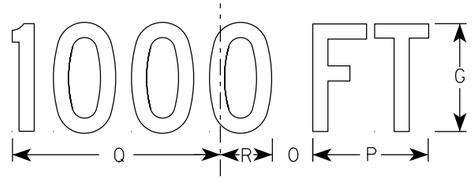
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 399 E



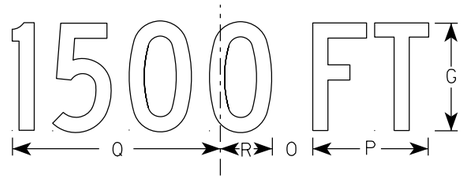
W20-2A



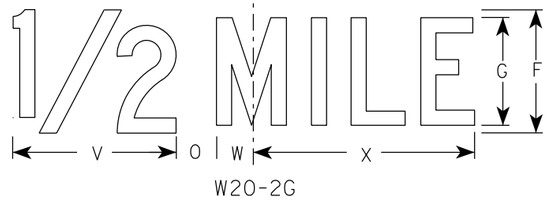
W20-2D



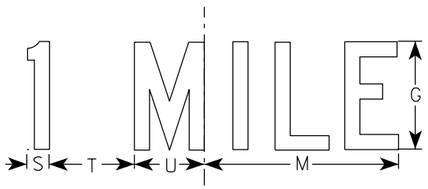
W20-2C



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

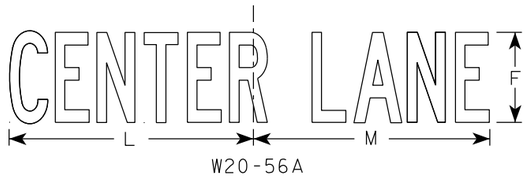
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

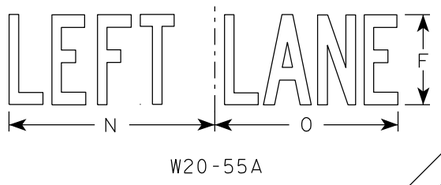
DATE 1/10/2024 PLATE NO. W20-2.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

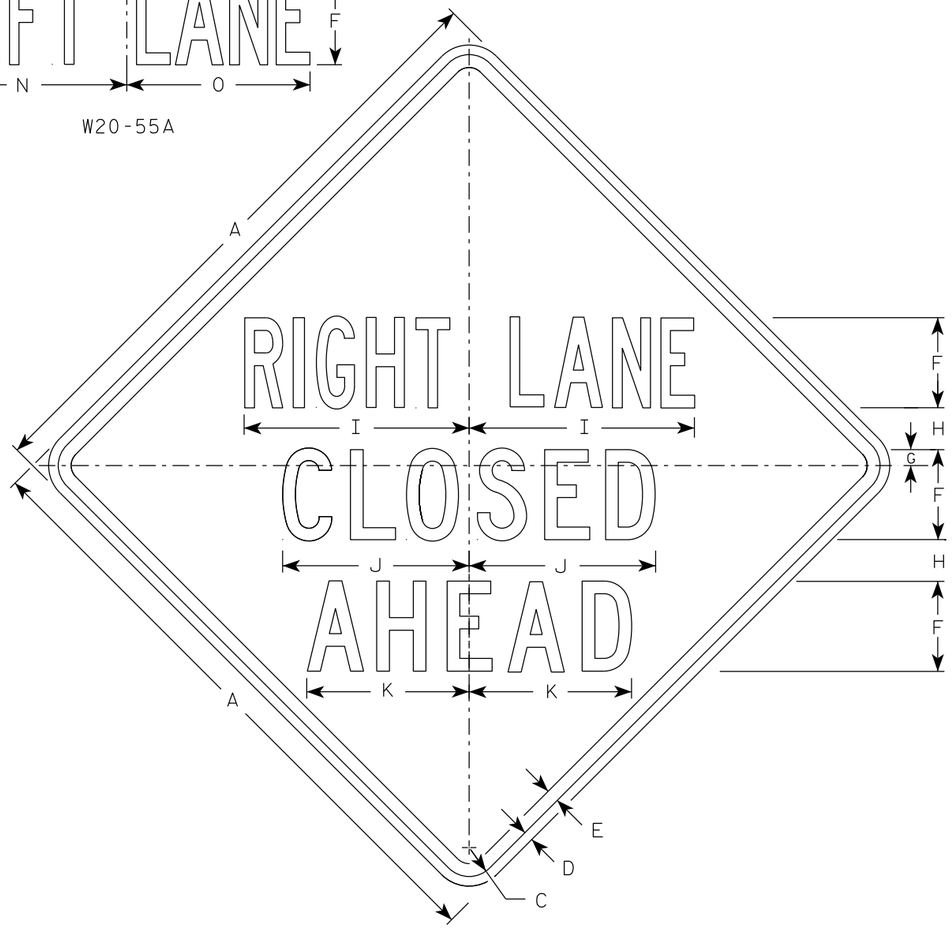
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN PLOT DATE : 10-JAN 2024 11:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



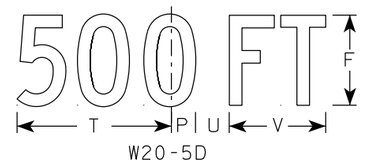
W20-56A



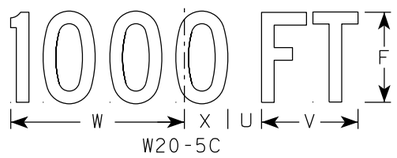
W20-55A



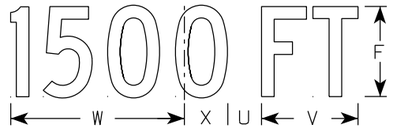
W20-5A



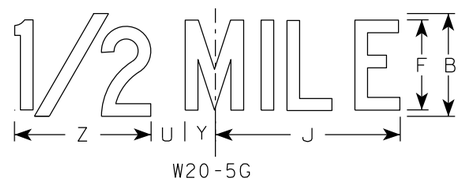
W20-5D



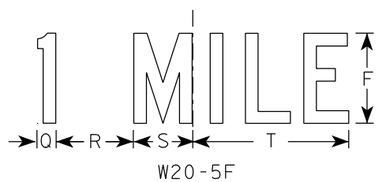
W20-5C



W20-5B



W20-5G



W20-5F

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. " _____ LANE" is Series B.
   All other copy is Series C.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	6	2 1/4	5/8	3/4	5	7/8	2 1/2	13 1/8	10 3/4	9 1/2	14 1/4	13 5/8	12	12	1 3/8	1 1/8	4 1/2	3 1/2	9	1 7/8	5 5/8	10 1/8	2 1/2	1 3/4	8	9.0
2S	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
2M	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
3	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
4	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
5	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0

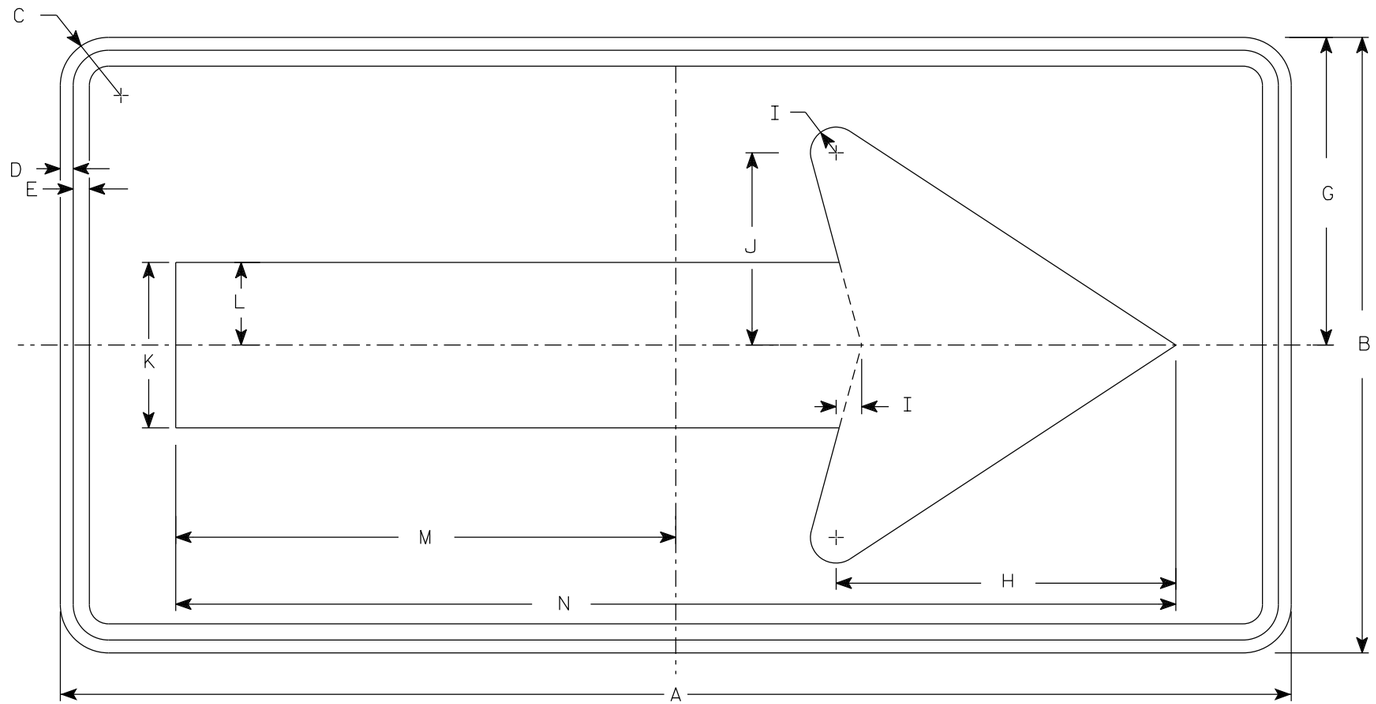
STANDARD SIGN
W20-5A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/27/24 PLATE NO. W20-5.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 401	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

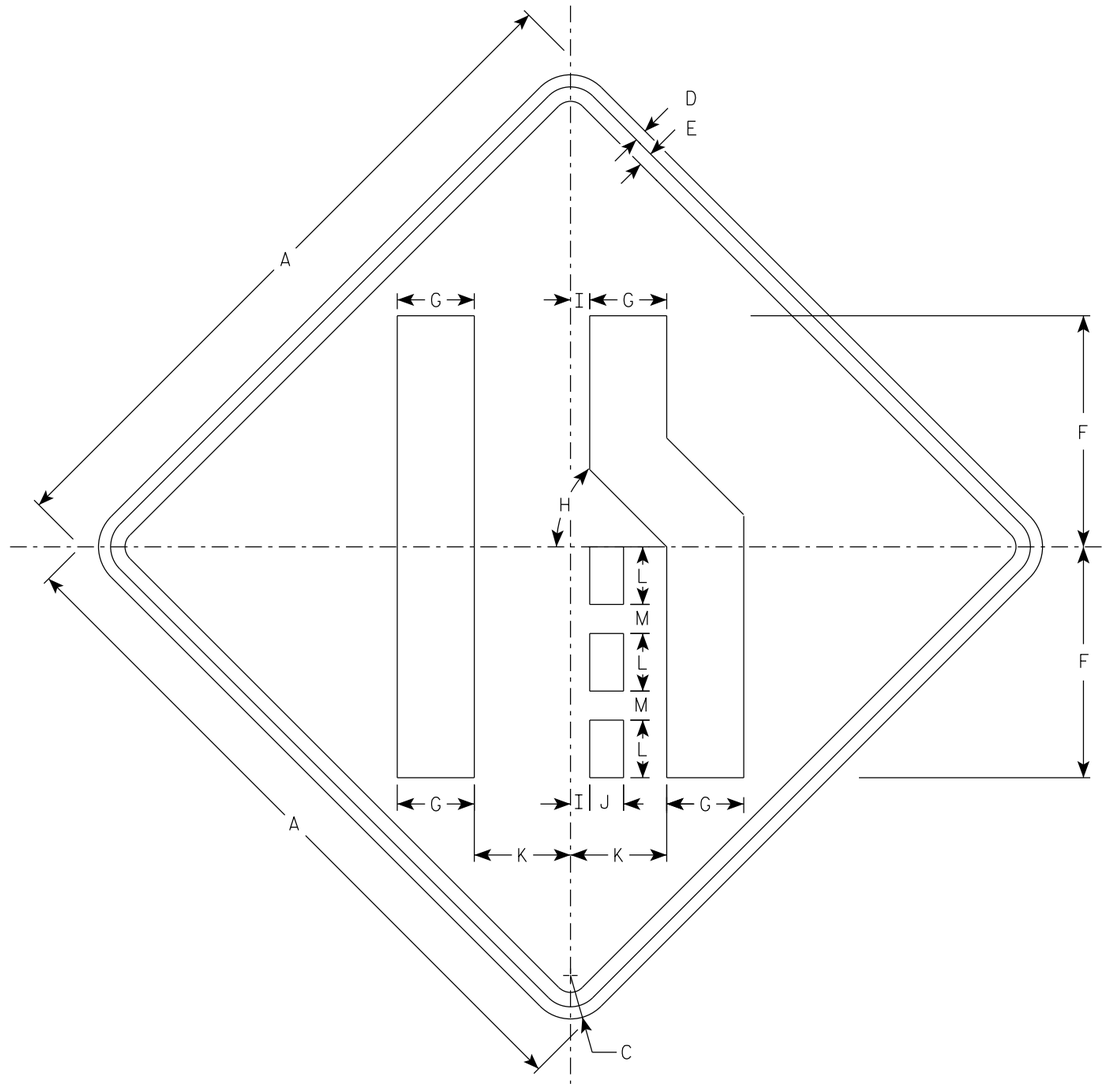
STANDARD SIGN
WO1-6

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

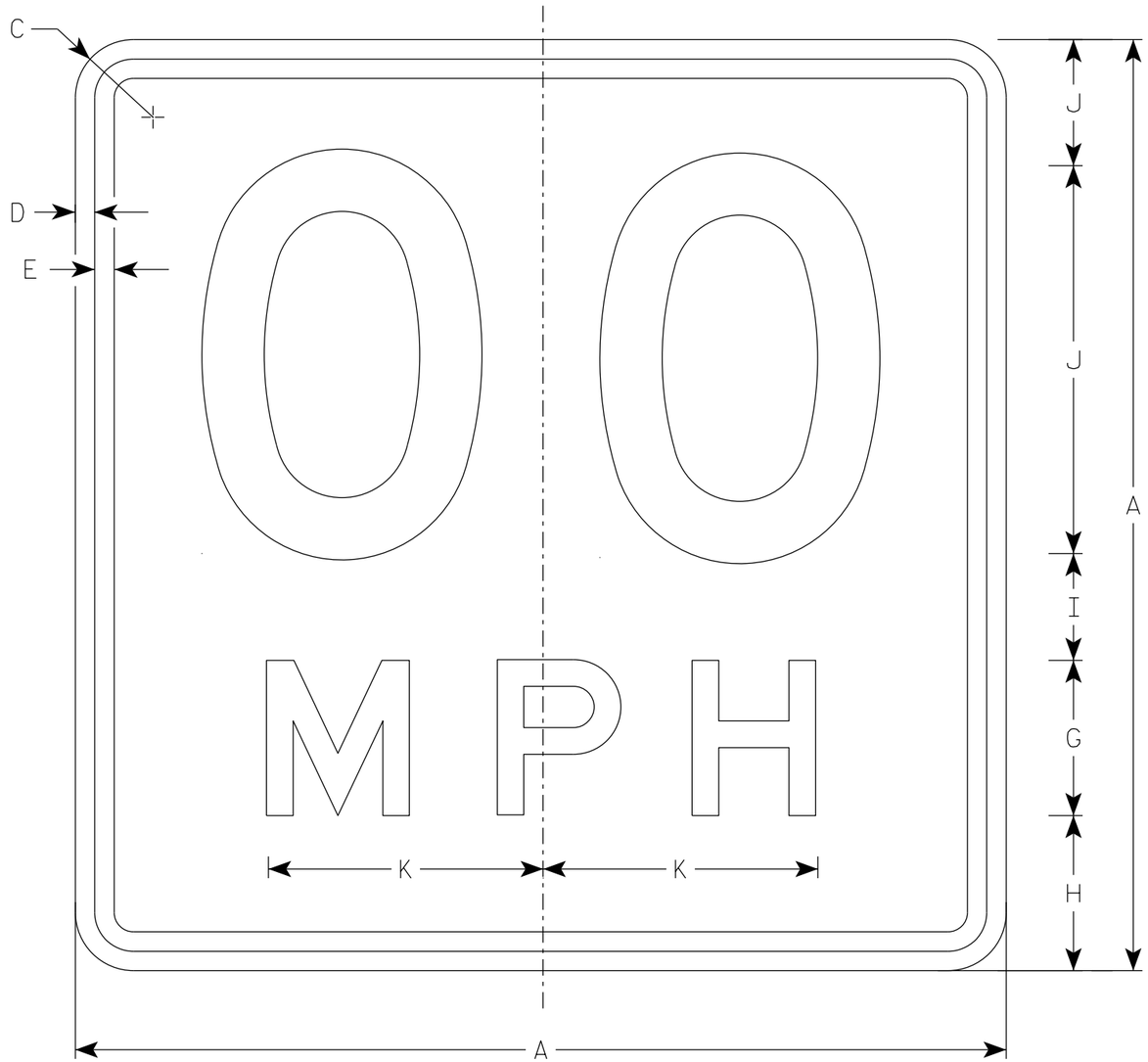
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/25/2024 PLATE NO. W04-2.2

PROJECT NO:

SHEET NO: 403 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

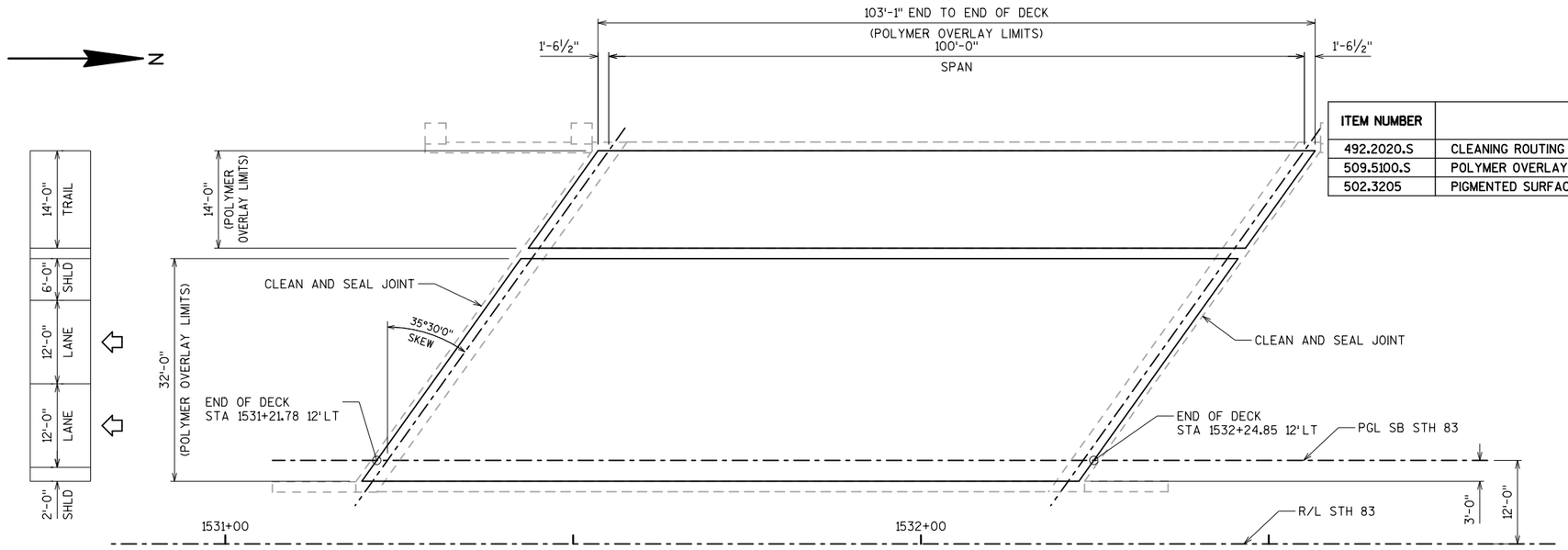
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/2024 PLATE NO. W013-1.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

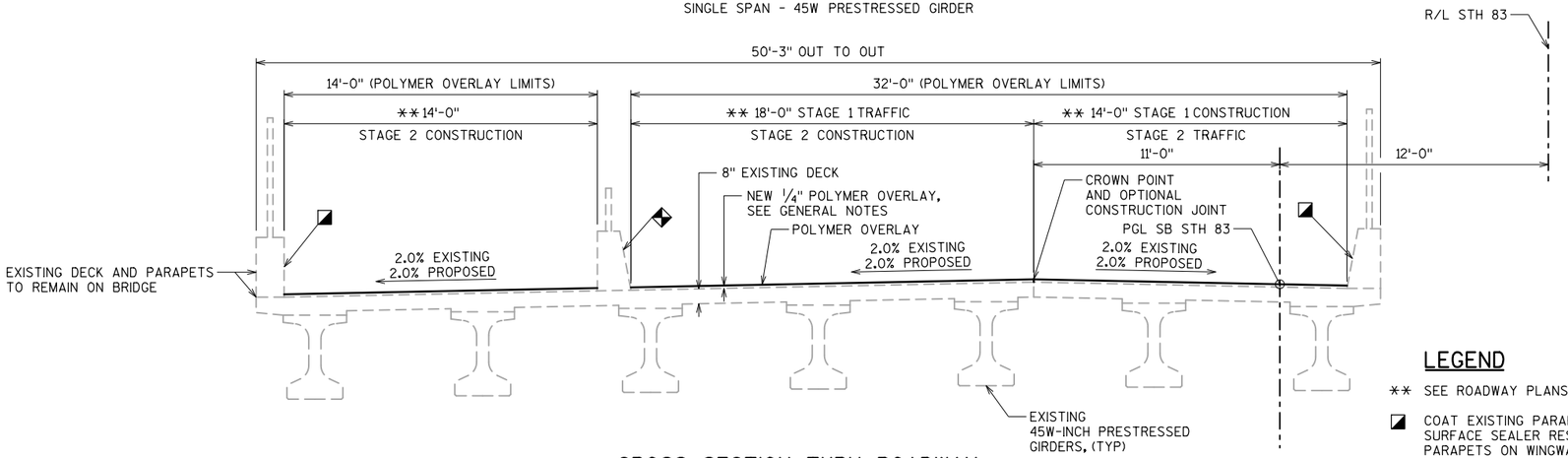
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W0131.dgn PLOT DATE : 1-FEB 2024 9:56 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER
1330-34-70



PLAN

SINGLE SPAN - 45W PRESTRESSED GIRDER



CROSS SECTION THRU ROADWAY

(LOOKING NORTH)

TOTAL ESTIMATED QUANTITIES - B-67-317

ITEM NUMBER	BID ITEM	UNIT	TOTAL
492.2020.S	CLEANING ROUTING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT	MI	0.03
509.5100.S	POLYMER OVERLAY	SY	527
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	193

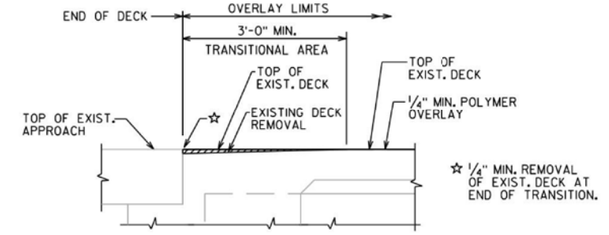
DESIGN DATA

LIVE LOAD:

TAKEN FROM HSI, 8/29/2023
DESIGN LOADING = HL-93
INVENTORY RATING = RF1.14
OPERATING RATING = RF1.53
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = 250 KIPS

TRAFFIC DATA

ADT (2027) = 15,200
ADT (2047) = 16,100
DHV = N/A
DD = N/A
T = 4.4%
DESIGN SPEED = 40 MPH



SECTION THRU ABUTMENT TRANSITIONAL AREA ON DECK AT SEMI-EXPANSION OR FIXED JOINT

(REMOVAL AND OVERLAY THICKNESS NOT TO SCALE)

NOTE: TRANSITIONAL AREA REQUIRED WHEN APPROACH PAVEMENT HAS BEEN PLACED PRIOR TO OVERLAY PLACEMENT.

LEGEND

** SEE ROADWAY PLANS FOR FOR TRAFFIC CONTROL STAGING.

◪ COAT EXISTING PARAPET FACE AND TOP WITH "PIGMENTED SURFACE SEALER RESEAL" PER SPECIFICATIONS. INCLUDES PARAPETS ON WINGWALLS.

◆ COAT ALL SIDES OF EXISTING PARAPET WITH "PIGMENTED SURFACE SEALER RESEAL" PER SPECIFICAITONS.

LIST OF DRAWINGS

1 POLYMER OVERLAY

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS AND INSPECTION REPORTS. EXISTING BRIDGE PLANS AVAILABLE AT WISDOT.

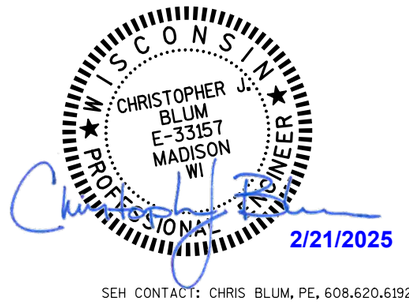
STATIONING MAY VARY BASED ON EXACT LOCATION OF BRIDGE TO PROPOSED ALIGNMENT.

STAGING LINE LOCATION TO BE DETERMINED BY THESE PLANS AND BY THE FIELD ENGINEER. COORDINATE WITH STAGING PLANS.

SHOT BLASTING, DECK SURFACE PREPARATIONS, AND TRANSITIONAL AREAS ARE INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

APPLY "PIGMENTED SURFACE SEALER RESEAL" TO THE CONCRETE PARAPETS PER THE STANDARD SPECIFICATIONS AND AS SHOWN IN THIS PLAN SET.

SEE ROADWAY PLAN FOR LANE STAGING AND TRAFFIC SHIFT. COORDINATE WITH THESE STRUCTURE PLANS FOR THE BRIDGE STAGING.



SEH CONTACT: CHRIS BLUM, PE, 608.620.6192
WISDOT BRIDGE OFFICE CONTACT: AARON BONK PE, 608.261.0261

NO.	DATE	REVISION	BY

SEH
SHORT ELLIOTT HENDRICKSON INC.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED BMK 06/03/25
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-67-317

STH 83 SB OVER GLACIAL DRUMLIN STATE TRAIL

COUNTY	~~TOWN/CITY~~/VILLAGE
WAUKESHA	WALES

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
CJB	HT	RAD	HT

POLYMER OVERLAY

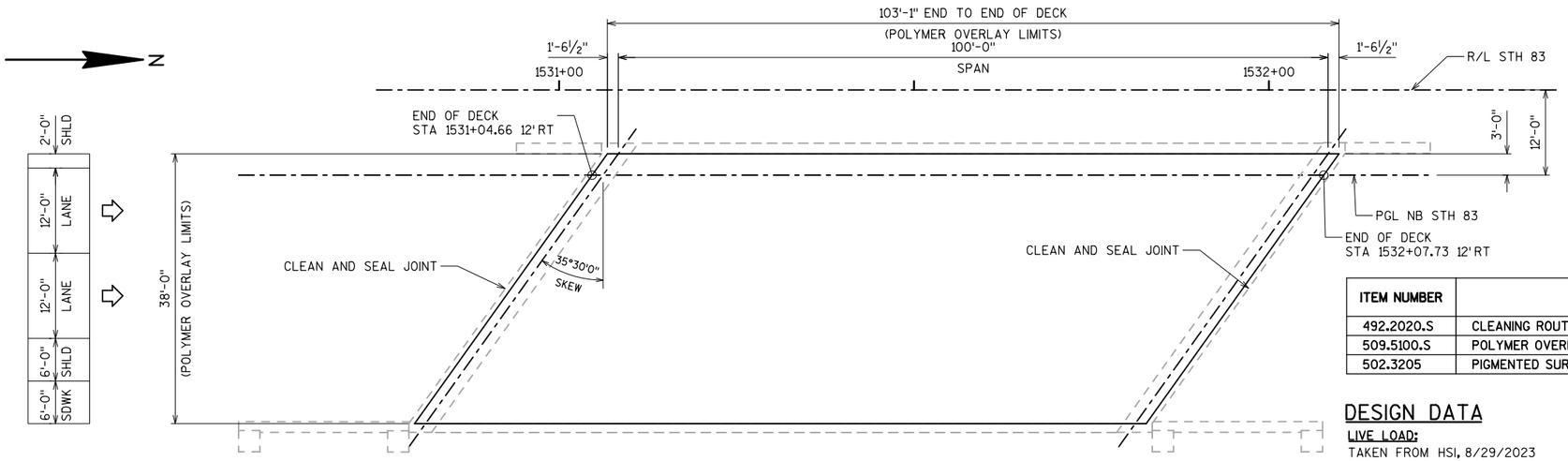
SHEET 1 OF 1
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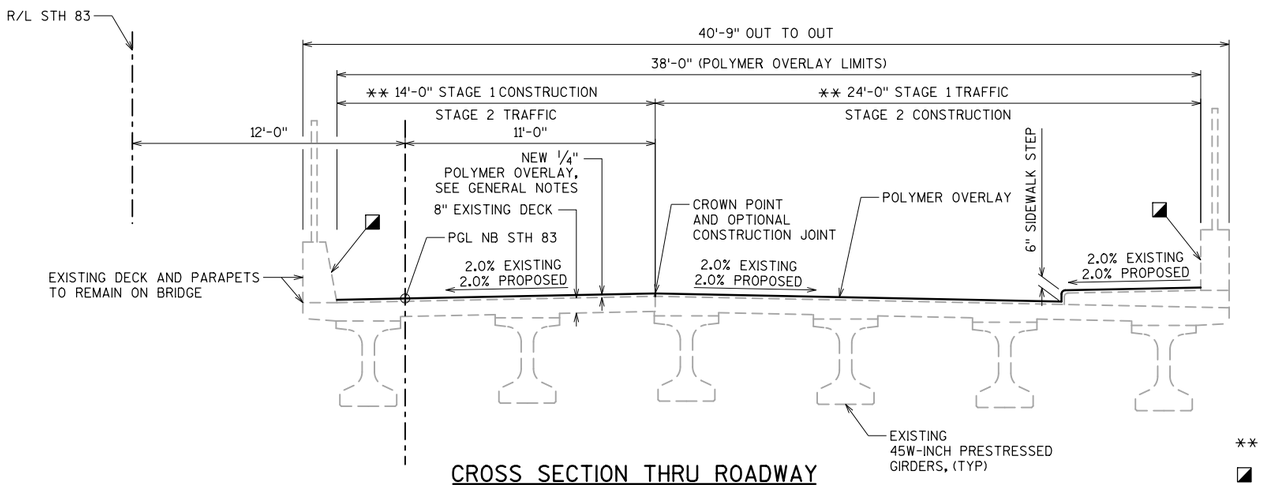
8

STATE PROJECT NUMBER
1330-34-70



PLAN

SINGLE SPAN - 45W PRESTRESSED GIRDER



CROSS SECTION THRU ROADWAY

(LOOKING NORTH)

TOTAL ESTIMATED QUANTITIES - B-67-329

ITEM NUMBER	BID ITEM	UNIT	TOTAL
492.2020.S	CLEANING ROUTING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT	MI	0.02
509.5100.S	POLYMER OVERLAY	SY	441
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	120

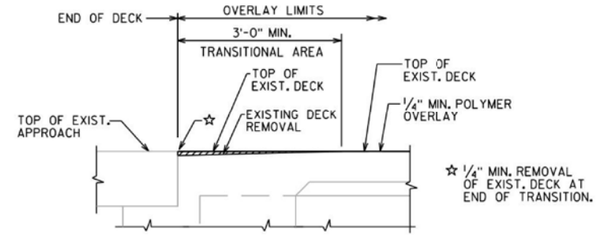
DESIGN DATA

LIVE LOAD:

TAKEN FROM HSI, 8/29/2023
DESIGN LOADING = HL-93
INVENTORY RATING = RF1.23
OPERATING RATING = RF1.64
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = 250 KIPS

TRAFFIC DATA

ADT (2027) = 15,200
ADT (2047) = 16,100
DHV = N/A
DD = N/A
T = 4.4%
DESIGN SPEED = 40 MPH



SECTION THRU ABUTMENT TRANSITIONAL AREA ON DECK AT SEMI-EXPANSION OR FIXED JOINT

(REMOVAL AND OVERLAY THICKNESS NOT TO SCALE)

NOTE: TRANSITIONAL AREA REQUIRED WHEN APPROACH PAVEMENT HAS BEEN PLACED PRIOR TO OVERLAY PLACEMENT.

LEGEND

** SEE ROADWAY PLANS FOR FOR TRAFFIC CONTROL STAGING.

◪ COAT EXISTING PARAPET FACE AND TOP WITH "PIGMENTED SURFACE SEALER RESEAL" PER SPECIFICATIONS. INCLUDES PARAPETS ON WINGWALLS.

LIST OF DRAWINGS

1 POLYMER OVERLAY

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS AND INSPECTION REPORTS. EXISTING BRIDGE PLANS AVAILABLE AT WISDOT.

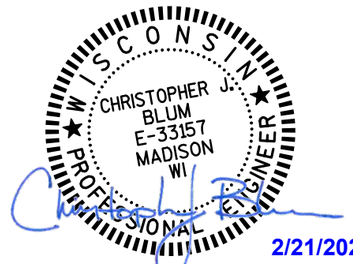
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SEH CONTACT: CHRIS BLUM, PE, 608.620.6192
WISDOT BRIDGE OFFICE CONTACT: AARON BONK, PE, 608.261.0261

NO.	DATE	REVISION	BY

SEH
SHORT ELLIOTT HENDRICKSON INC.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED BMK 06/03/25
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-67-329

STH 83 NB OVER GLACIAL DRUMLIN STATE TRAIL

COUNTY	~~TOWN/CITY~~/VILLAGE
WAUKESHA	WALES

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
CJB	HT	RAD	HT

POLYMER OVERLAY

SHEET 1 OF 1
406

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8

8

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov