WKE Nov 8, 2022

PROJECT ID: 2240-05-71

WITH:

COUNTY: RACINE

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 = 268

23

N

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

C BURLINGTON, MILWAUKEE AVE

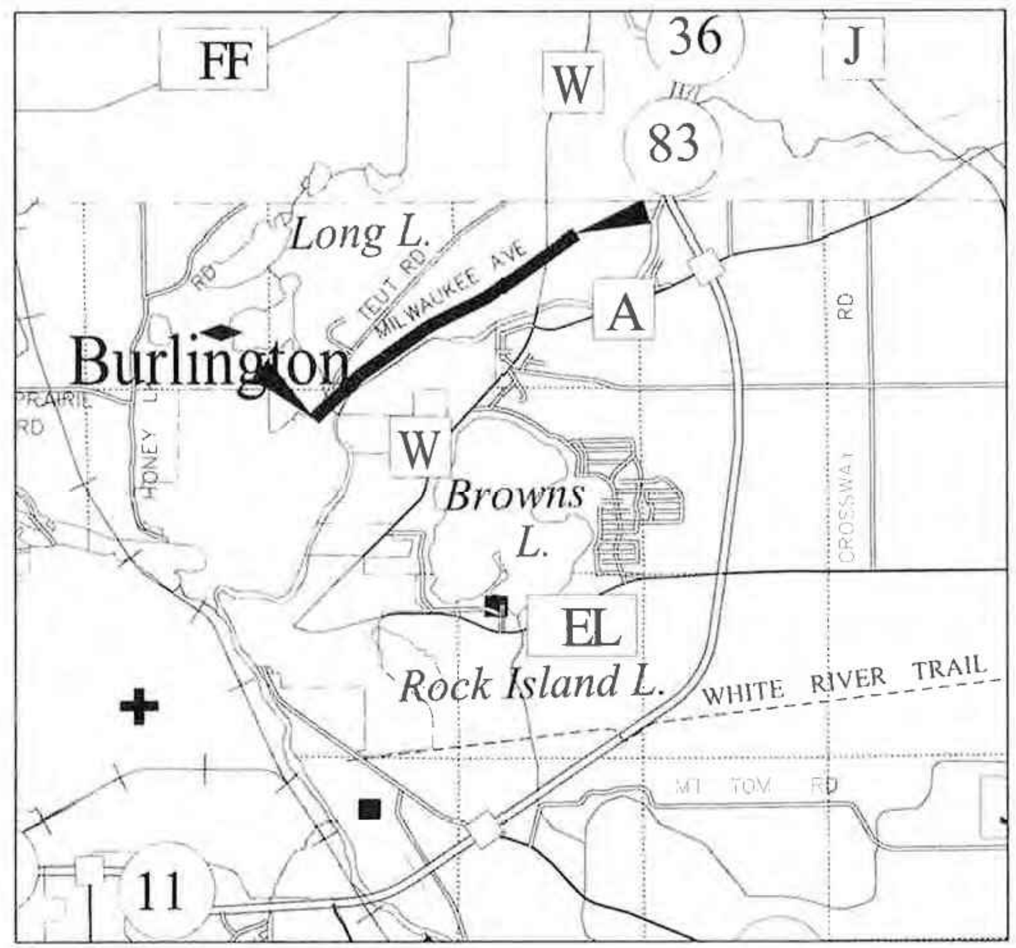
TEUT RD TO CTH W

LOCAL STREET
RACINE COUNTY

STATE PROJECT NUMBER
2240-05-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2240-05-71	WISC 2023024	1

BEGIN PROJECT
STA 88+85.00
Y=175,361.802
X=511,728.647



END PROJECT
STA 178+72.00

LAYOUT
SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 1.702 MI

DESIGN DESIGNATION

A.A.D.T.	2021	=	13,200
A.A.D.T.	2043	=	15,900
D.H.V.		=	1,590
D.D.		=	50/50
T		=	8%
DESIGN SPEED		=	50-55 MPH
ESALS		=	5,368,000

CONVENTIONAL SYMBOLS

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

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

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

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

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

ACCEPTED FOR
CITY OF BURLINGTON
DATE 7/13/22

ORIGINAL PLANS PREPARED BY
kapur

WISCONSIN PROFESSIONAL ENGINEER
AARON J. BUBB
E-36994
HUBERTUS
WI

DATE 7-13-22 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

DATE 7/18/22 (Signature)

E

FILE NAME: D:\RACINE_CO\BURLINGTON_CITY\DOI\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\010101-TI.DWG PLOT DATE: 7/12/2022 1:10 PM PLOT BY: WALTER A. WOLAK II PLOT NAME:

GENERAL NOTES

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

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. EXISTING UTILITIES ARE SHOWN FROM AS-BUILT PLANS PROVIDED BY THE UTILITY. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR MUST 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.

INLET PROTECTION IS REQUIRED AT ALL INLETS AS PER DETAIL OR AS DIRECTED BY THE ENGINEER.

TOPSOIL SHALL BE REPLACED WITH 4-INCH TYPICAL DEPTH.

EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.

THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND ENGINEER IN THE FIELD.

ALL PRIVATE EXISTING UTILITIES ARE TO BE ADJUSTED BY THE UTILITIES CONCERNED. SANITARY MANHOLES AND WATER VALVES BOXES WILL BE ADJUSTED AND PAID FOR AS BID ITEMS.

SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" WILL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II."

REMOVAL OF EROSION CONTROL DEVICES WILL BE INCLUDED IN THE COST OF THEIR RESPECTIVE BID ITEMS.

TRAFFIC CONTROL DEVICES WILL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

CONTRACTOR MUST CONTACT PROJECT ENGINEER AND SEWRPC AT LEAST TWO WEEKS PRIOR TO CONDUCTING WORK NEAR ANY PUBLIC SURVEY MONUMENT.

A SAWED JOINT IS REQUIRED WHERE NEW PAVEMENT IS TO MEET AN EXISTING PAVED SURFACE.

PAVING OPERATIONS SHALL BE CONSISTENT WITH THE TYPICAL SECTIONS, WITH LONGITUDINAL JOINTS CONSTRUCTED AT LANE LINES ONLY.

LOCATIONS OF SIGNS SHOWN IN THE PLANS ARE APPROXIMATE AND THE FINAL LOCATION OF SIGNS ARE TO BE DETERMINED BY THE ENGINEER.

HMA PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYERS :

3-INCH HMA PAVEMENT
3" LAYER 4 MT 58-28 S

7-INCH HMA PAVEMENT
2.5" LOWER LAYER 3 MT 58-28 S
2.5" MIDDLE LAYER 3 MT 58-28 S
2" UPPER LAYER 4 MT 58-28 S

STANDARD ABBREVIATIONS

AEW	APRON ENDWALL
AGG	AGGREGATE
BAD	BASE AGGREGATE DENSE
BM	BENCHMARK
BTWN	BETWEEN
C&G	CURB AND GUTTER
C/L	CENTER OR CONSTRUCTION LINE
CMCP	CULVERT PIPE CORRUGATED METAL
CONC	CONCRETE
CP	CULVERT PIPE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC-YARD
D	DEGREE OF CURVE
Δ	DELTA
DISCH	DISCHARGE
FE	FIELD ENTRANCE
HMA	HOT MIX ASPHALT
INV	INVERT
L	LENGTH OF CURVE
LHF	LEFT HAND FORWARD
LT	LEFT
MIN	MINIMUM
M/L	MATCHLINE
NB	NORTHBOUND
NC	NORMAL CROWN
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PLE	PERMANENT LIMITED EASEMENT
PT	POINT OF TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN
RCAEW	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
REQD	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RRSP	RAILROAD SPIKE
RT	RIGHT
SALV	SALVAGED
SAPBC	SALVAGED ASPHALTIC PAVEMENT BASE COURSE
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWING
SE	SUPERELEVATION
SF	SQUARE FOOT
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASEMENT
VCL	VERTICAL CURVE LENGTH
VPC	POINT OF VERTICAL CURVE
VPI	POINT OF VERTICAL INTERSECTION
VPT	POINT OF VERTICAL TANGENT

2

UTILITY CONTACTS

AMERICAN TRANSMISSION COMPANY
CHRIS DAILEY
PO BOX 47
BROOKFIELD, WI 53045
PHONE: (262) 506-6884
EMAIL: CDAILEY@ATCLLC.COM

AT&T WISCONSIN - COMMUNICATION LINE
NATHAN GIBERT
411 7TH STREET
RACINE, WI 53403
PHONE: (262) 720-8235
EMAIL: NG952W@ATT.COM

BURLINGTON, CITY OF - DPW
PETER RIGGS
DIRECTOR OF PUBLIC WORKS
2200 S. PINE STREET
BURLINGTON, WI 53105
PHONE: (262) 758-0958
EMAIL: PRIGGS@BURLINGTON-WI.GOV

CHARTER COMMUNICATIONS - COMMUNICATION LINE
GERALD SCHULTZ
1320 NORTH DR. MARTIN LUTHER KING JR. DRIVE
MILWAUKEE,WI 53212
PHONE: (414) 908-4863
EMAIL: GERALD.SCHULTZ@CHARTER.COM
EMAIL: WIS.ENGINEERING@CHARTER.COM

RACINE COUNTY - LIGHTING AND SIGNALS
ALEX VALLEY
14200 WASHINGTON AVENUE
STURTEVANT, WI 53177-1253
PHONE: (262) 886-8440
EMAIL: ALEXANDER.VALLEY@RACINECOUNTY.COM

WE ENERGIES - ELECTRIC
ADAM PSICIHULIS
700 S. KANE STREET
BURLINGTON, WI 53105
PHONE: (262) 763-1011
EMAIL: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WE ENERGIES - ELECTRIC EMERGENCY
PHONE: (800) 662-4797

WE ENERGIES - GAS
SCOTT HOLSTEIN
700 S. KANE STREET
BURLINGTON, WI 53105
PHONE: (262) 763-1084
EMAIL: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WE ENERGIES - GAS EMERGENCY
PHONE: (800) 261-5325

STATE AGENCIES

WISCONSIN DEPT. OF NATURAL RESOURCES
BENTON STELZEL
141 NW BARSTOW STREET, ROOM 180
WAUKESHA, WI 53188
PHONE: (262) 623-0194
EMAIL: BENTON.STELZEL@WISCONSIN.GOV

WISDOT - PROJECT MANAGER
MICHAEL BAIRD
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262) 548-5918
EMAIL: MICHAEL.BAIRD@DOT.WI.GOV

OTHER CONTACTS

KAPUR & ASSOCIATES
AARON BUBB
7711 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217
PHONE: (414) 751-7230
EMAIL: ABUBB@KAPURINC.COM

BURLINGTON FIRE RESCUE
ALAN BABE
165 W WASHINGTON STREET
BURLINGTON, WI 53105
PHONE: (262) 763-7842
EMAIL: ABABE@BURLINGTON-WI.GOV

BURLINGTON POLICE DEPARTMENT
MARK ANDERSON
224 E JEFFERSON STREET
BURLINGTON, WI 53105
PHONE: (262) 342-1100
EMAIL: MANDERSON@BURLINGTON-WI.GOV

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
ROB MERRY
W239 N1812 ROCKWOOD DRIVE
P.O. BOX 1607
WAUKESHA, WI 53187-1607
PHONE: (262) 953-4289
EMAIL: RMERRY@SEWRPC.ORG

TAPCO
TIM FELHOFER
5100 W BROWN DEER ROAD
MILWAUKEE, WI 53223
PHONE: (414) 940-0850
EMAIL: TIMF@TAPCONET.COM

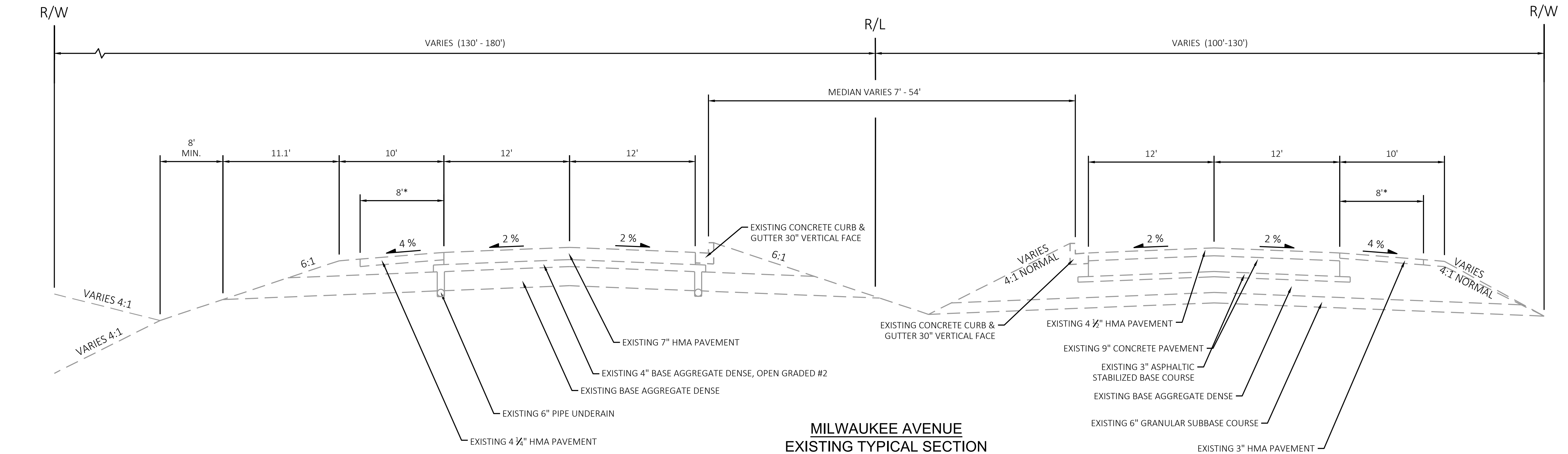
ORDER OF SECTION 2 SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
CURB RAMP DETAILS
EXISTING UTILITY PLAN
PLANTING
SIGNING PLAN
PAVEMENT MARKING
TRAFFIC CONTROL
ALIGNMENT PLAN

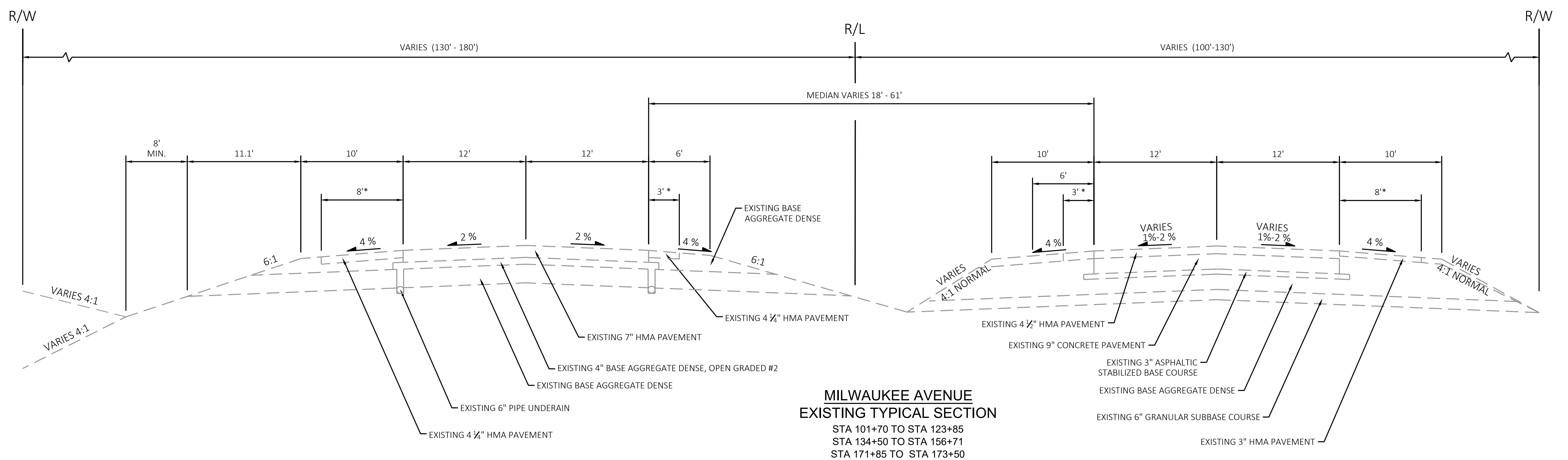
2

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

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PROJECT OVERVIEW	SHEET 4	E



MILWAUKEE AVENUE
EXISTING TYPICAL SECTION
STA 88+85 TO STA 101+70

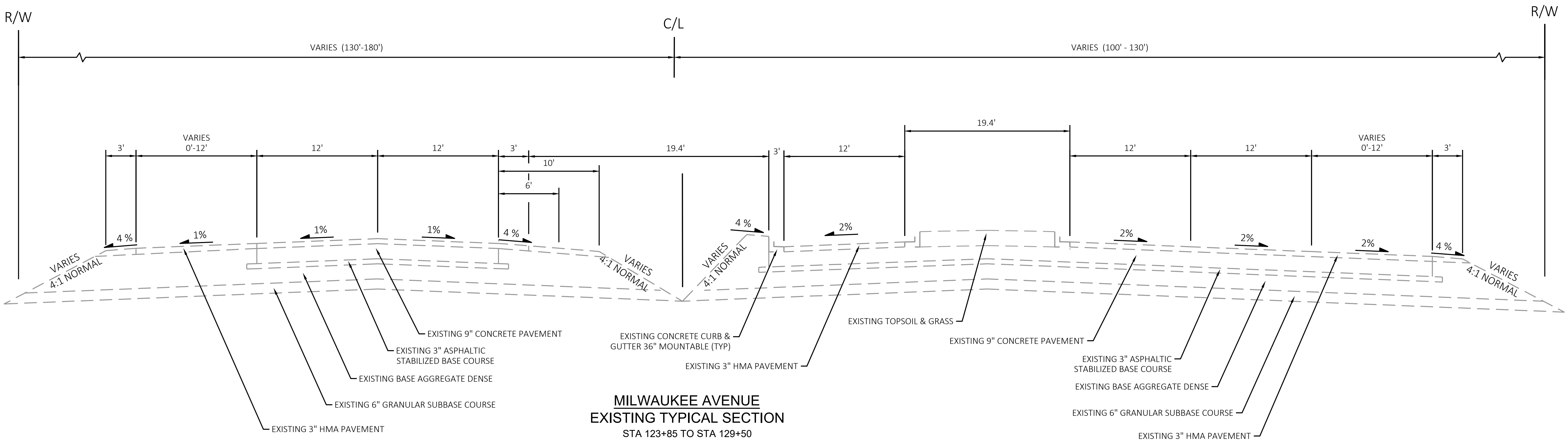


MILWAUKEE AVENUE
EXISTING TYPICAL SECTION
STA 101+70 TO STA 123+85
STA 134+50 TO STA 156+71
STA 171+85 TO STA 173+50

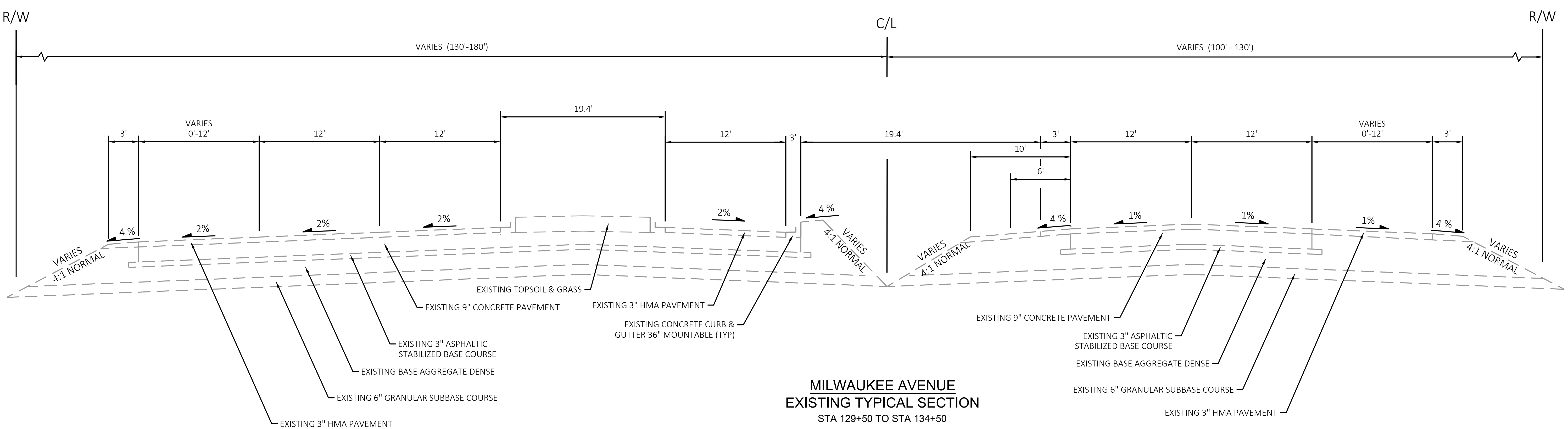
* ASPHALTIC RUMBLE STRIP

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING TYPICAL SECTIONS	SHEET 5	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 01
PLOT DATE : 7/27/2022 8:13 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:10 FT WISDOT/CADDS SHEET 42

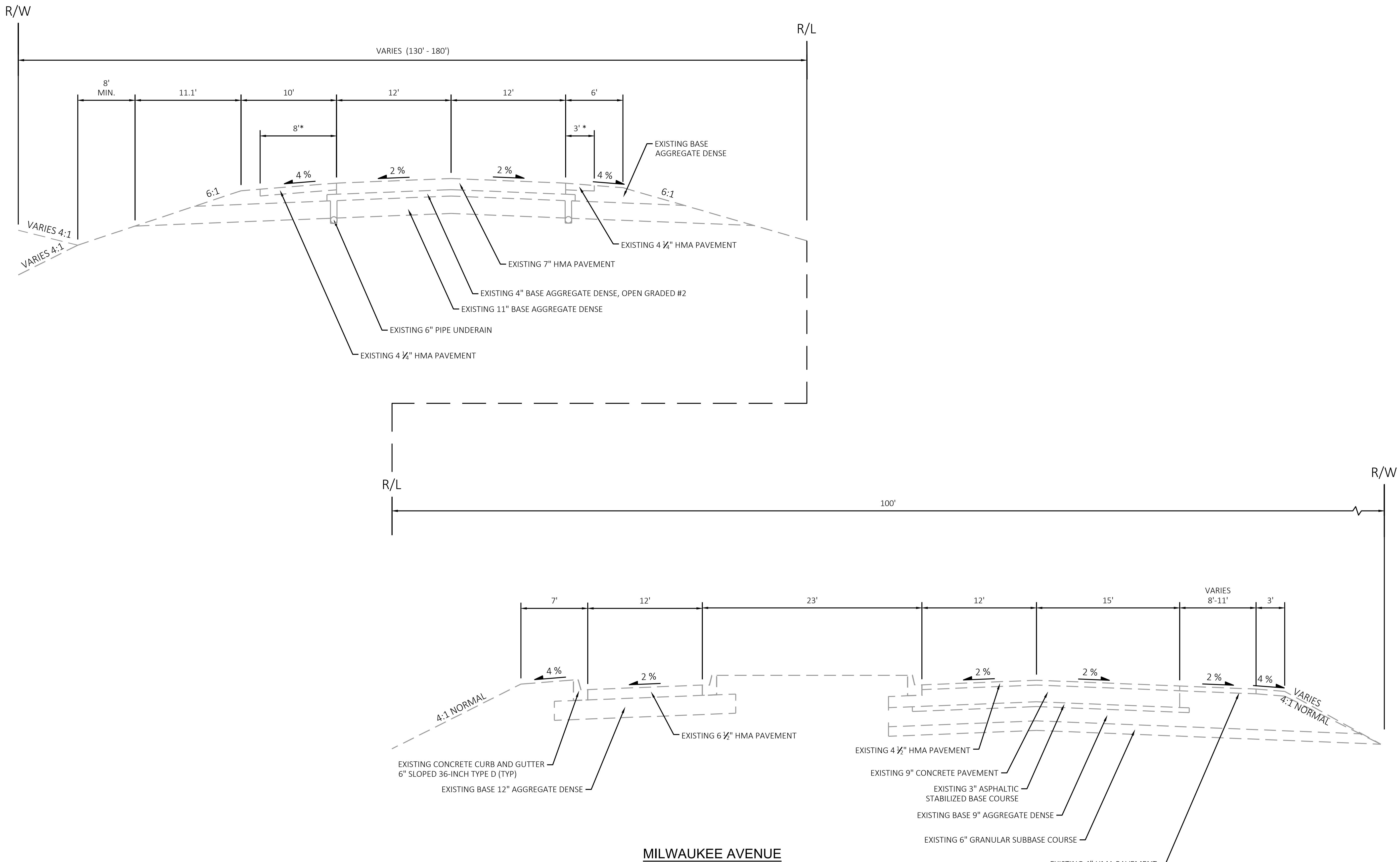


MILWAUKEE AVENUE
EXISTING TYPICAL SECTION
STA 123+85 TO STA 129+50



MILWAUKEE AVENUE
EXISTING TYPICAL SECTION
STA 129+50 TO STA 134+50

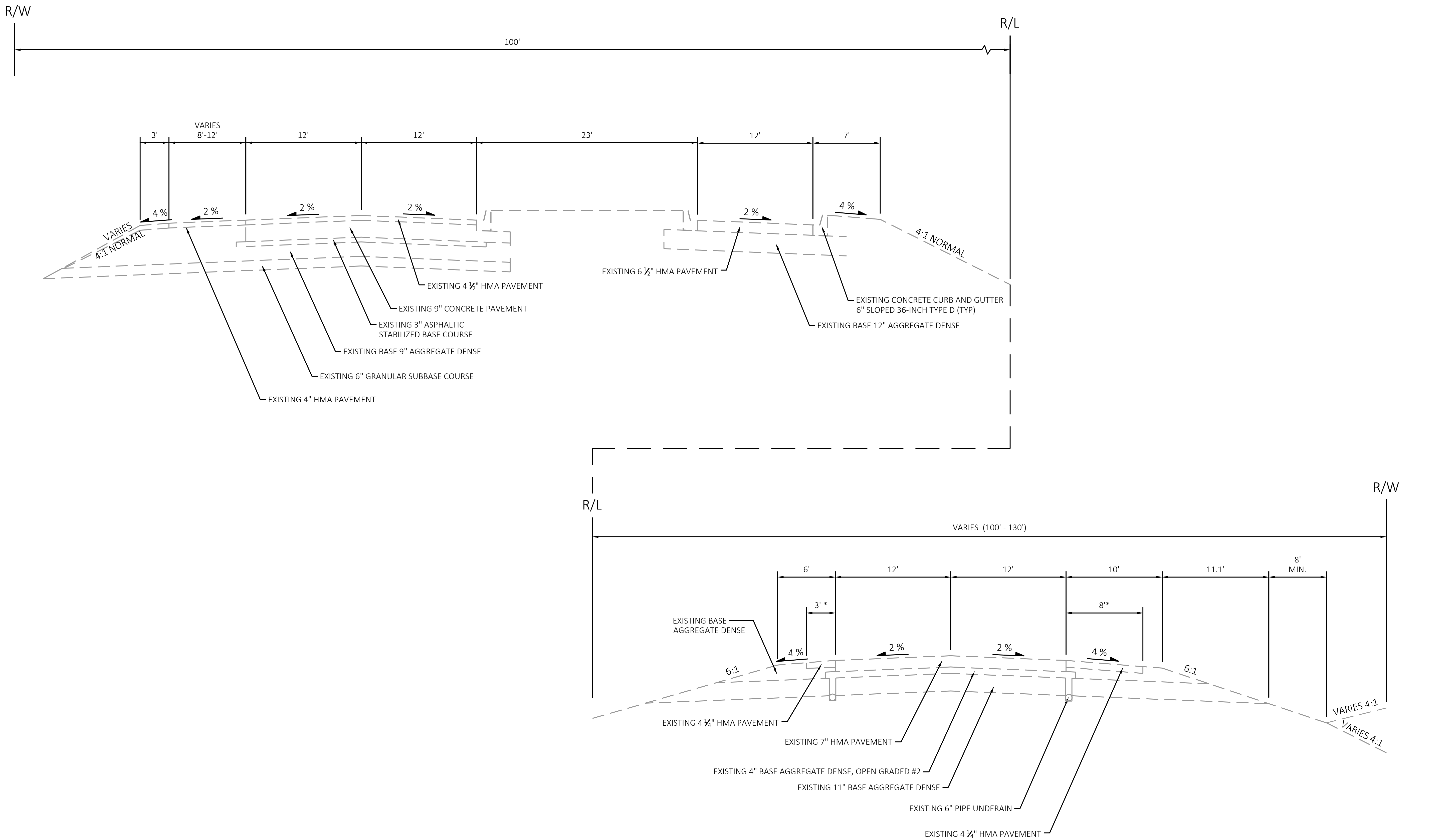
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING TYPICAL SECTIONS	SHEET 6	E



MILWAUKEE AVENUE
EXISTING TYPICAL SECTION
STA 156+71 TO STA 164+00

* ASPHALTIC RUMBLE STRIP

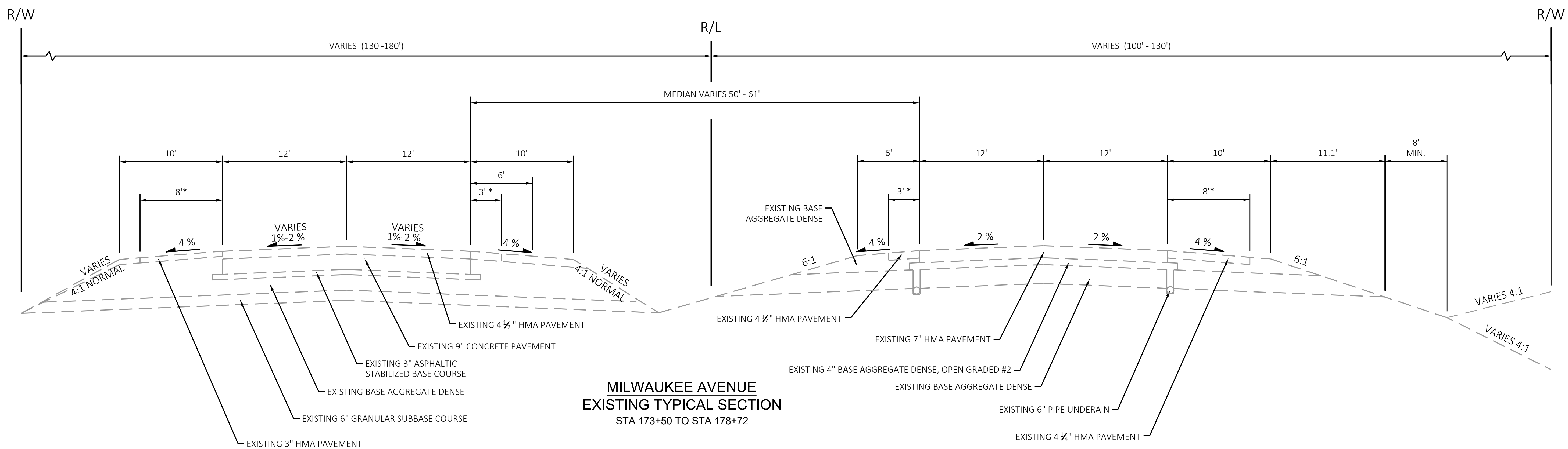
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING TYPICAL SECTIONS	SHEET 7	E



MILWAUKEE AVENUE
EXISTING TYPICAL SECTION
STA 164+00 TO STA 171+85

* ASPHALTIC RUMBLE STRIP

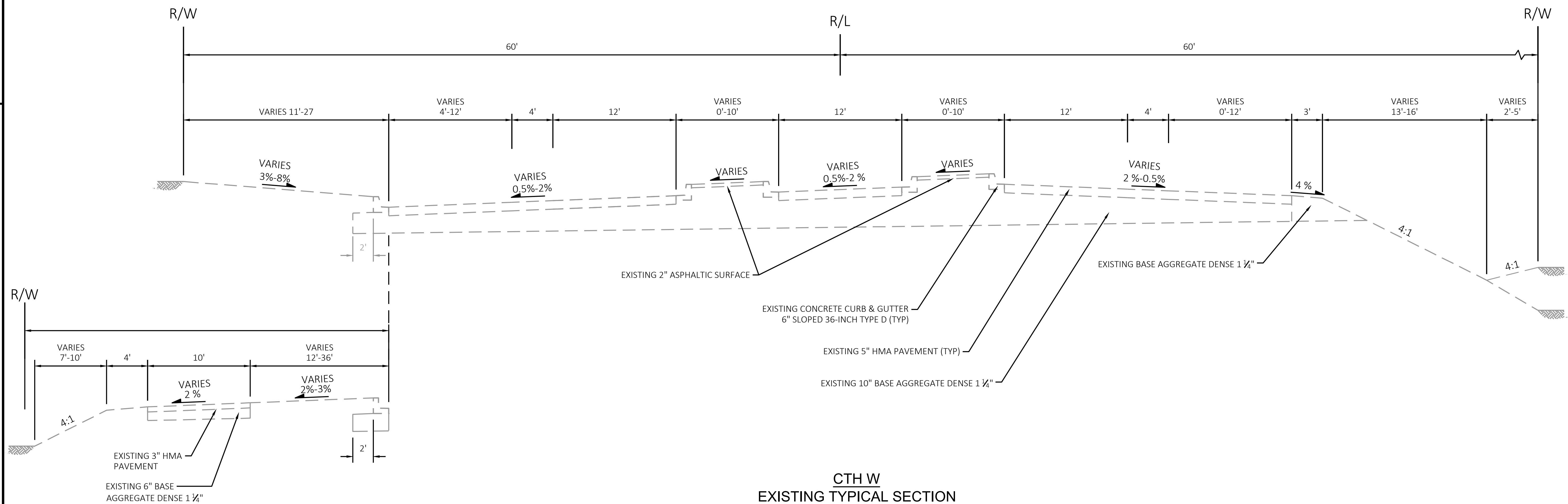
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING TYPICAL SECTIONS	SHEET 8	E



MILWAUKEE AVENUE
EXISTING TYPICAL SECTION
STA 173+50 TO STA 178+72

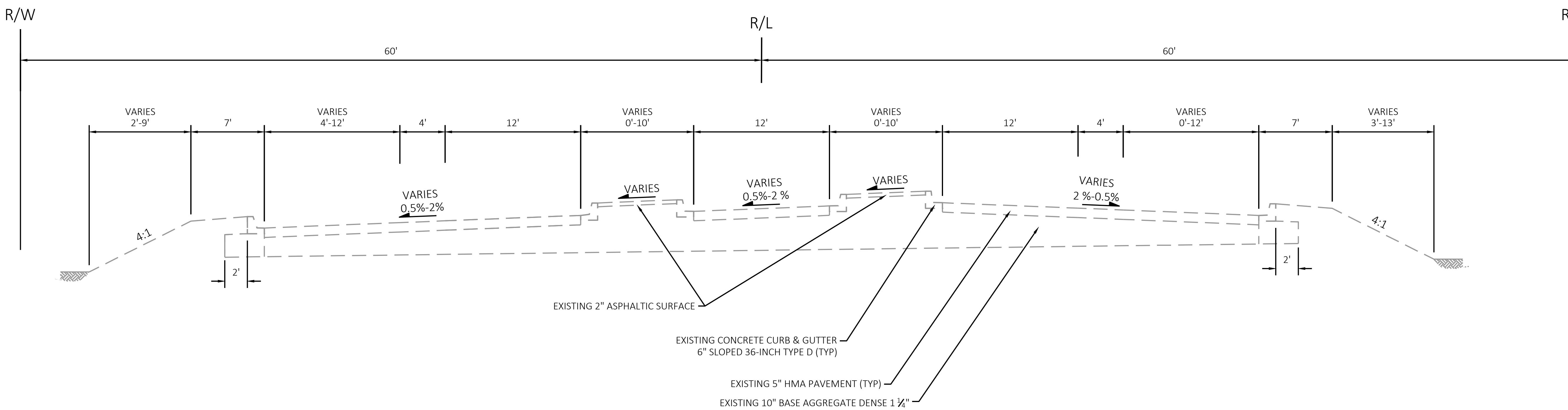
* ASPHALTIC RUMBLE STRIP

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING TYPICAL SECTIONS	SHEET 9	E



STA 47+42 TO STA 48+00

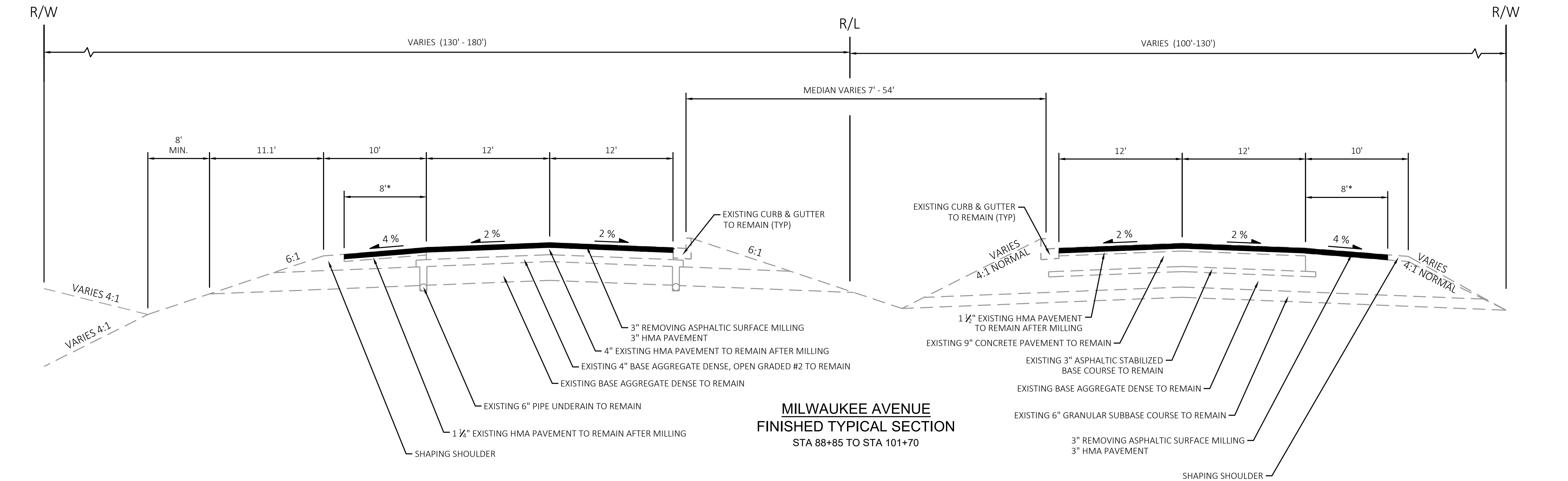
CTH W
EXISTING TYPICAL SECTION
STA 47+42 TO STA 50+00



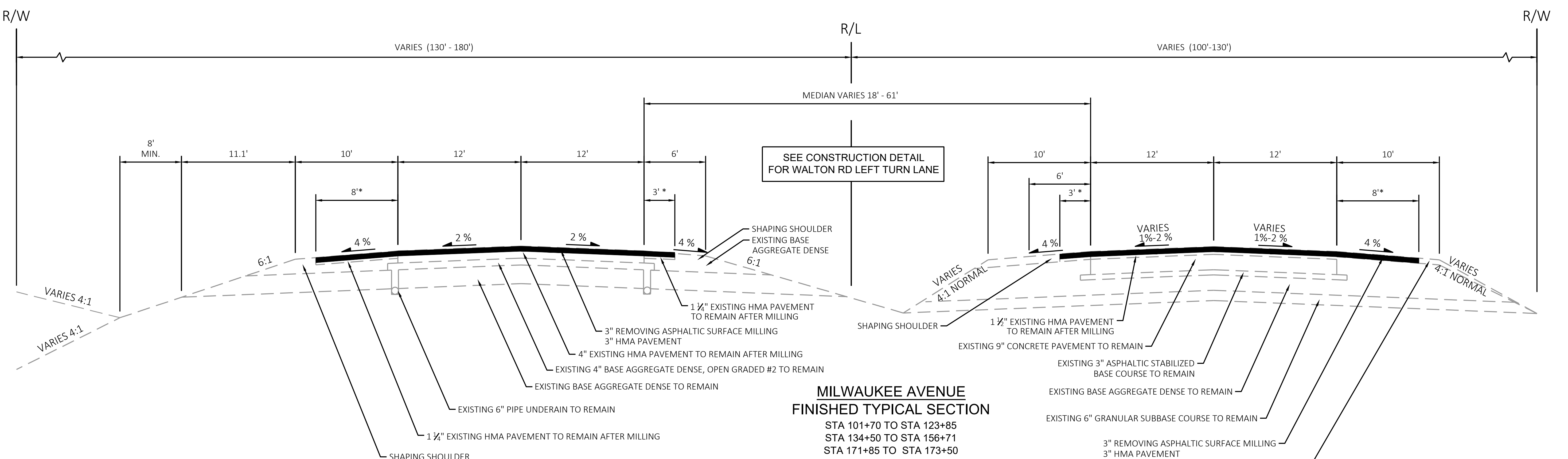
CTH W
EXISTING TYPICAL SECTION
STA 50+00 TO STA 52+28

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING TYPICAL SECTIONS	SHEET 10	E

2



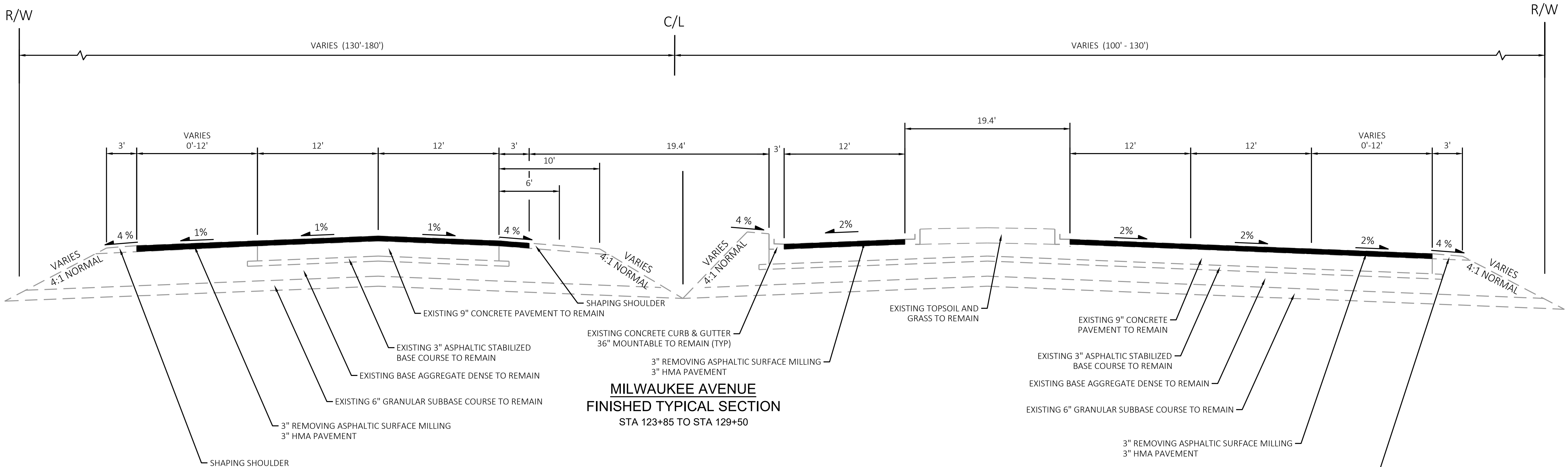
MILWAUKEE AVENUE
FINISHED TYPICAL SECTION
STA 88+85 TO STA 101+70



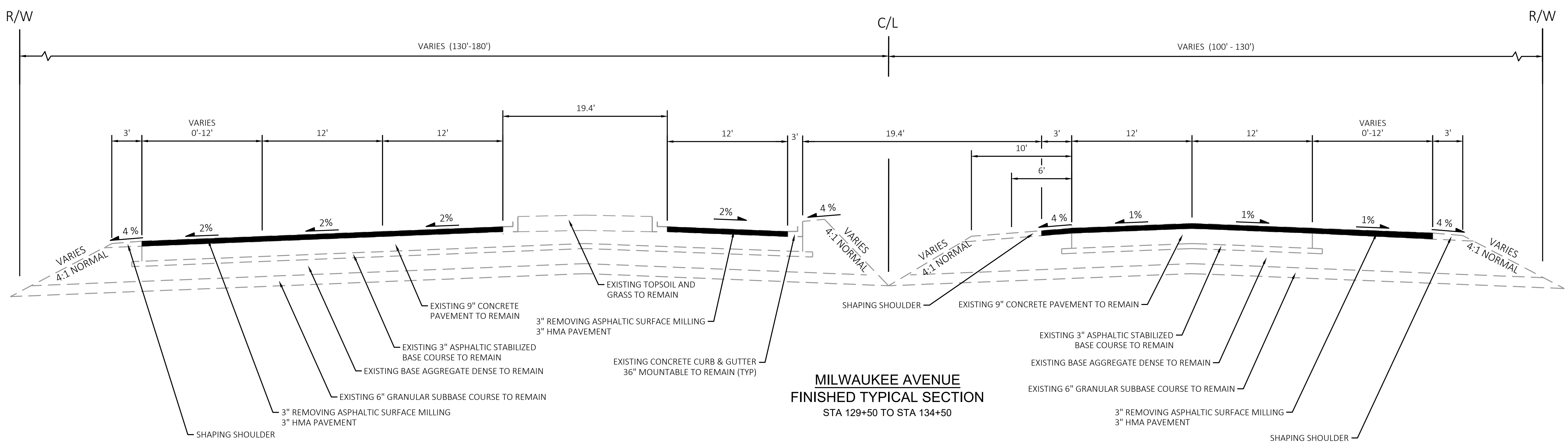
MILWAUKEE AVENUE
FINISHED TYPICAL SECTION
STA 101+70 TO STA 123+85
STA 134+50 TO STA 156+71
STA 171+85 TO STA 173+50

* ASPHALTIC SHOULDER RUMBLE STRIPS

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	FINISHED TYPICAL SECTIONS	SHEET 11	E



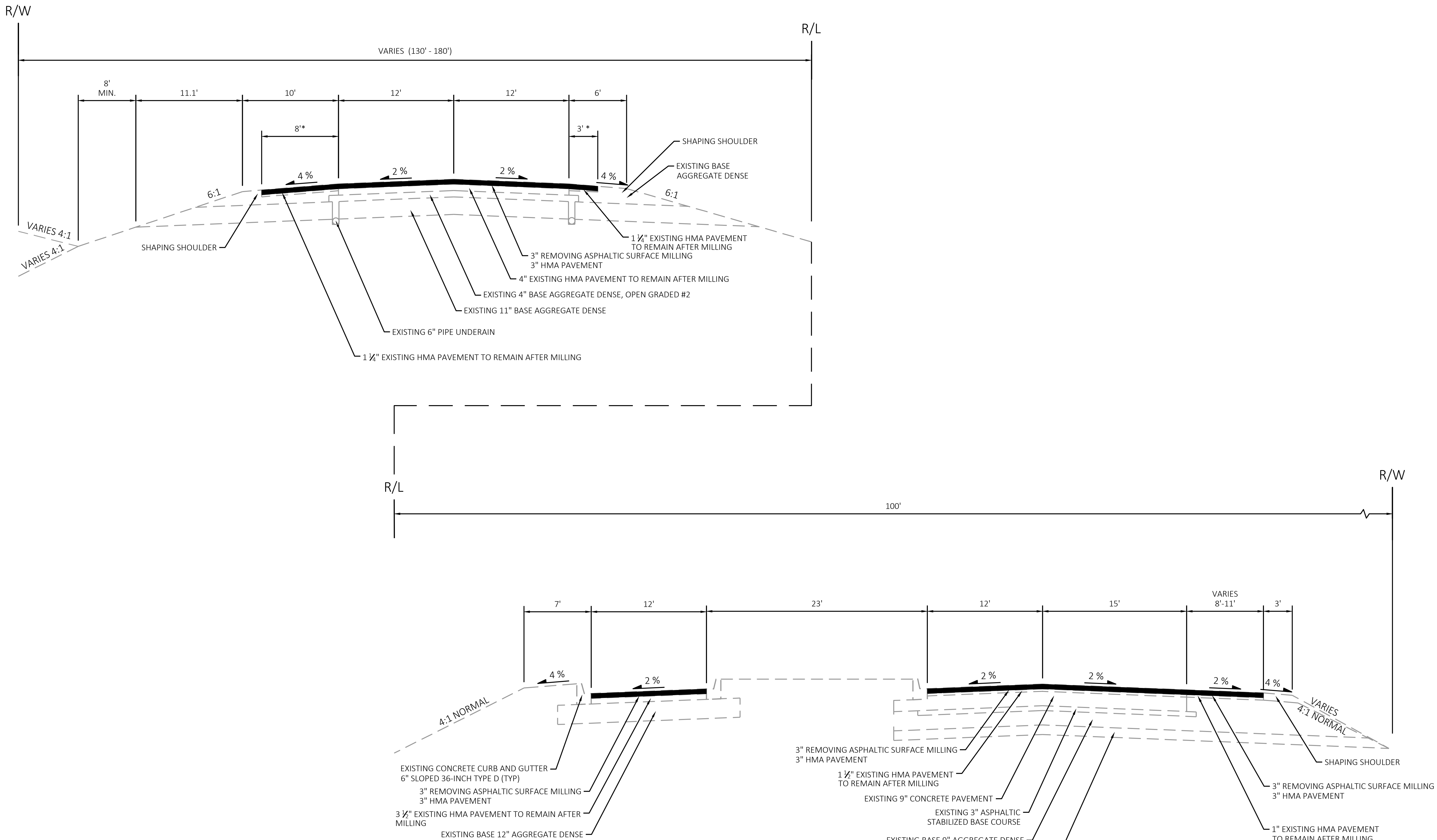
MILWAUKEE AVENUE
FINISHED TYPICAL SECTION
STA 123+85 TO STA 129+50



MILWAUKEE AVENUE
FINISHED TYPICAL SECTION
STA 129+50 TO STA 134+50

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	FINISHED TYPICAL SECTIONS	SHEET 12	E

2

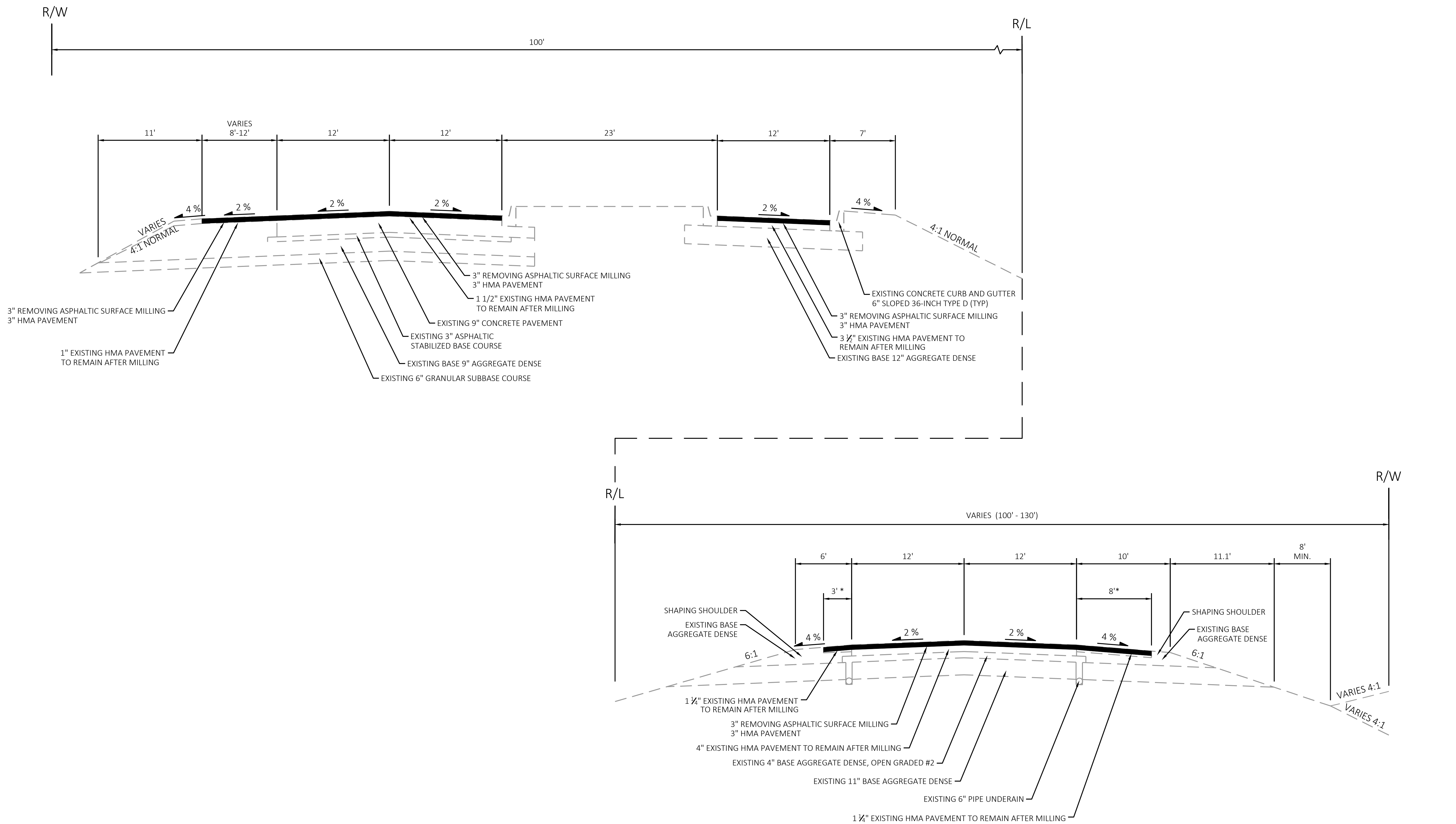


MILWAUKEE AVENUE
EXISTING TYPICAL SECTION
STA 156+71 TO STA 164+00

* ASPHALTIC SHOULDER RUMBLE STRIPS

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	FINISHED TYPICAL SECTIONS	SHEET 13	E

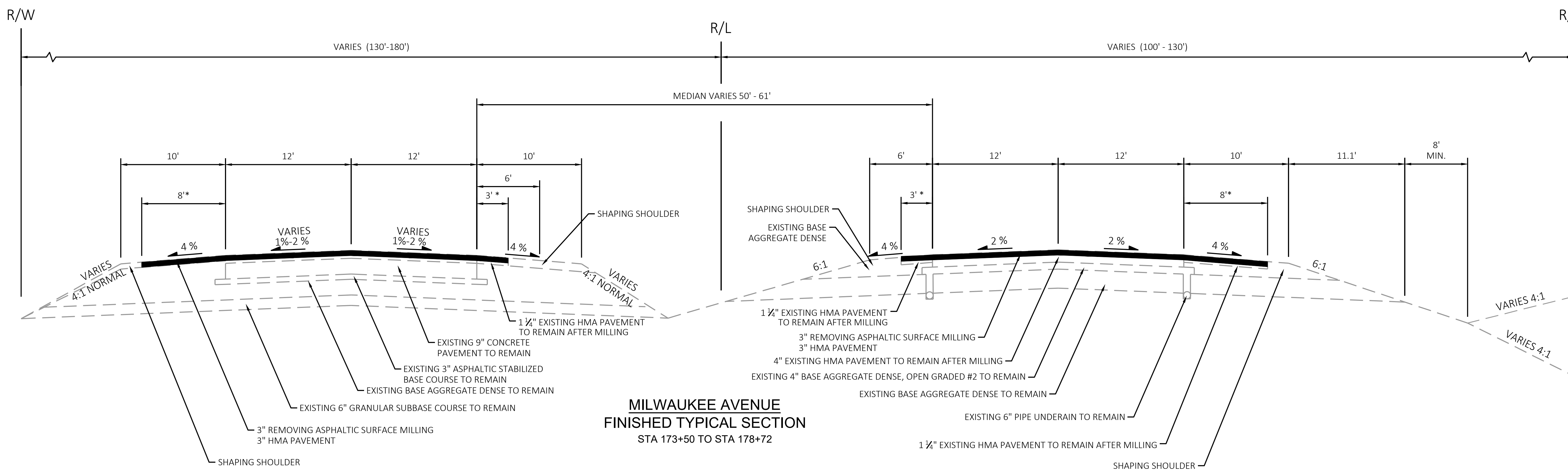
FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\020401-TS.DWG
LAYOUT NAME - 03
PLOT DATE : 7/27/2022 8:13 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



MILWAUKEE AVENUE
EXISTING TYPICAL SECTION
STA 164+00 TO STA 171+85

* ASPHALTIC SHOULDER RUMBLE STRIPS

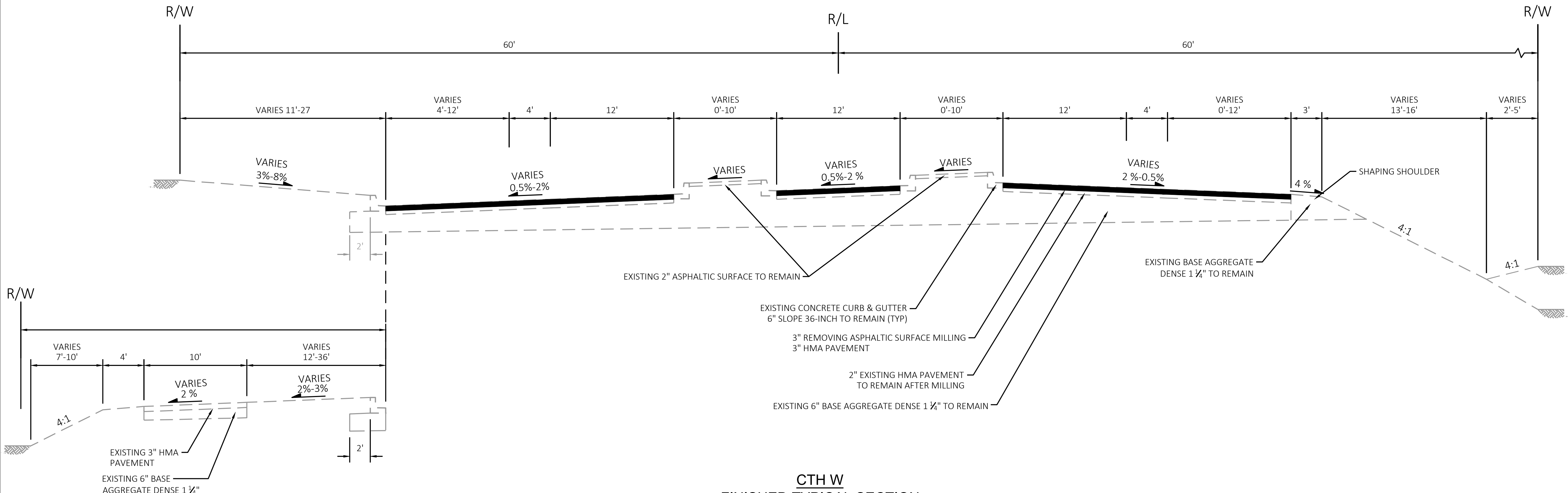
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	FINISHED TYPICAL SECTIONS	SHEET 14	E



MILWAUKEE AVENUE
FINISHED TYPICAL SECTION
STA 173+50 TO STA 178+72

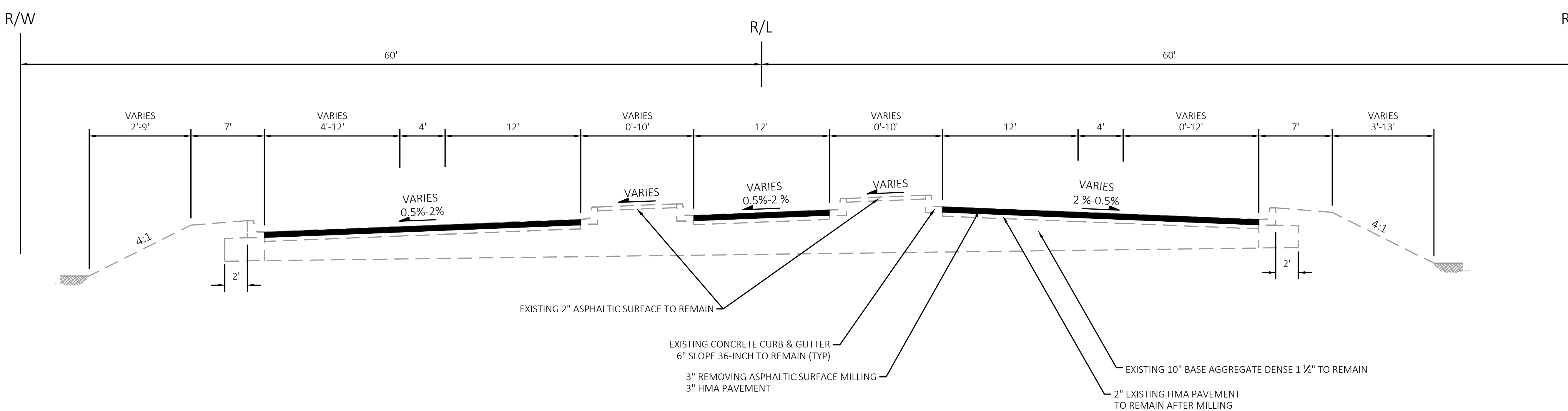
* ASPHALTIC SHOULDER RUMBLE STRIPS

2



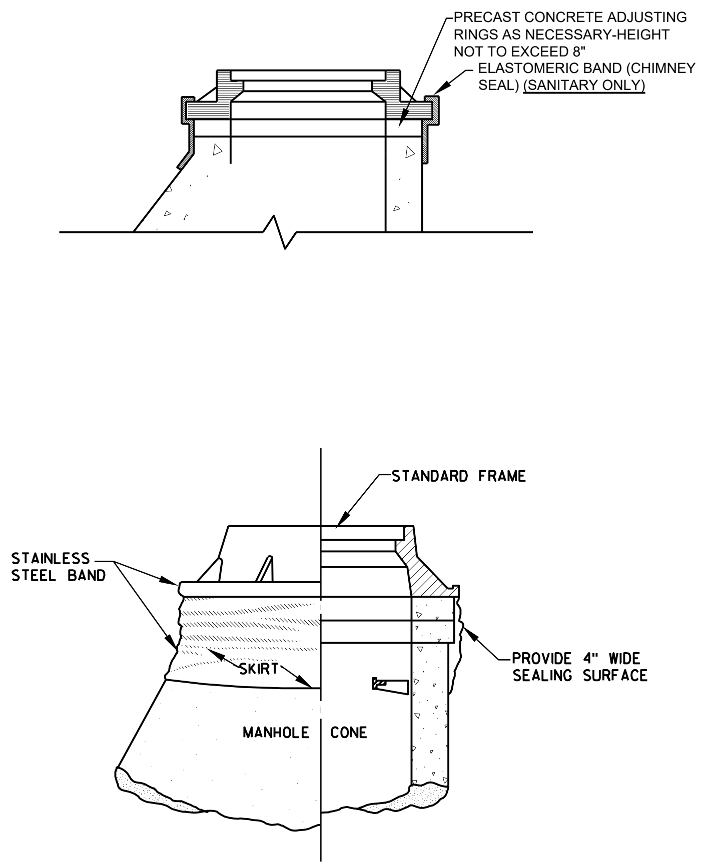
STA 47+42 TO STA 48+00

CTH W
FINISHED TYPICAL SECTION
STA 47+42 TO STA 50+00



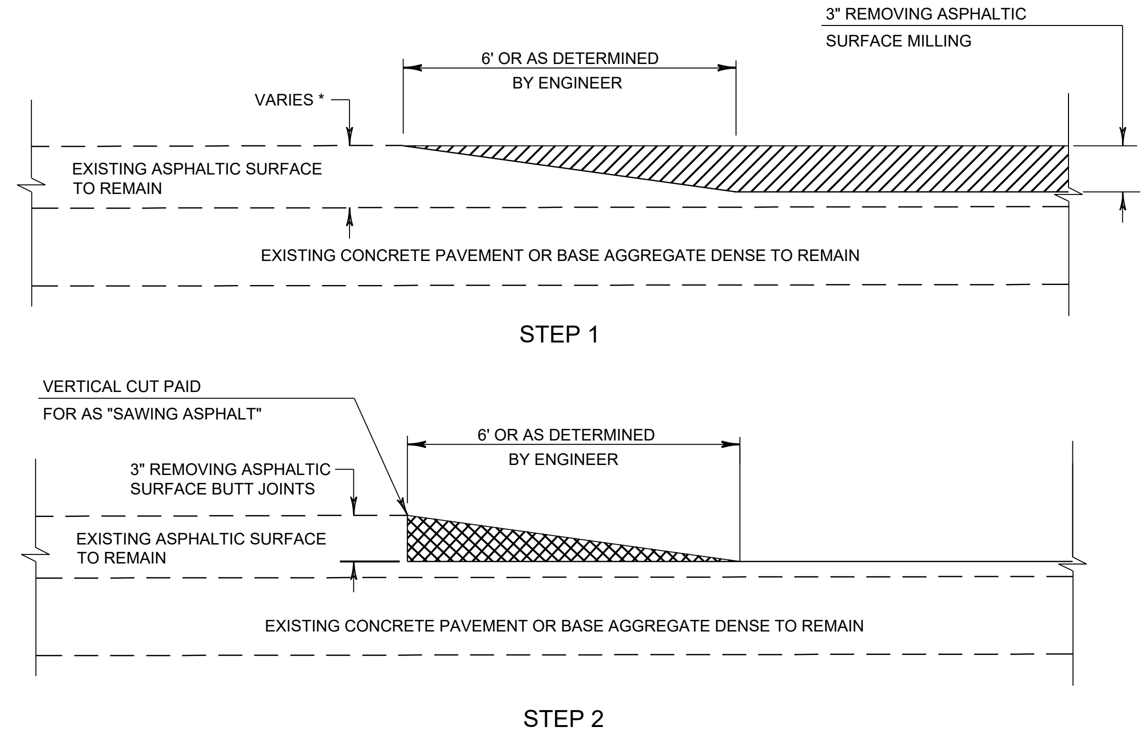
CTH W
FINISHED TYPICAL SECTION
STA 50+00 TO STA 52+28

2



1. CHIMNEY SEALS SHALL BE INSTALLED ON ALL SANITARY SEWERAGE SYSTEM MANHOLES.
2. CRETEX OR NPC FLEXRIB EXTERNAL OR INTERNAL SEALS ARE RECOMMENDED; ALL OTHER PRODUCTS OR OTHER DESIGN SOLUTIONS SHALL REQUIRE THE APPROVAL OF THE CITY ENGINEER.
3. CHIMNEY SEALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

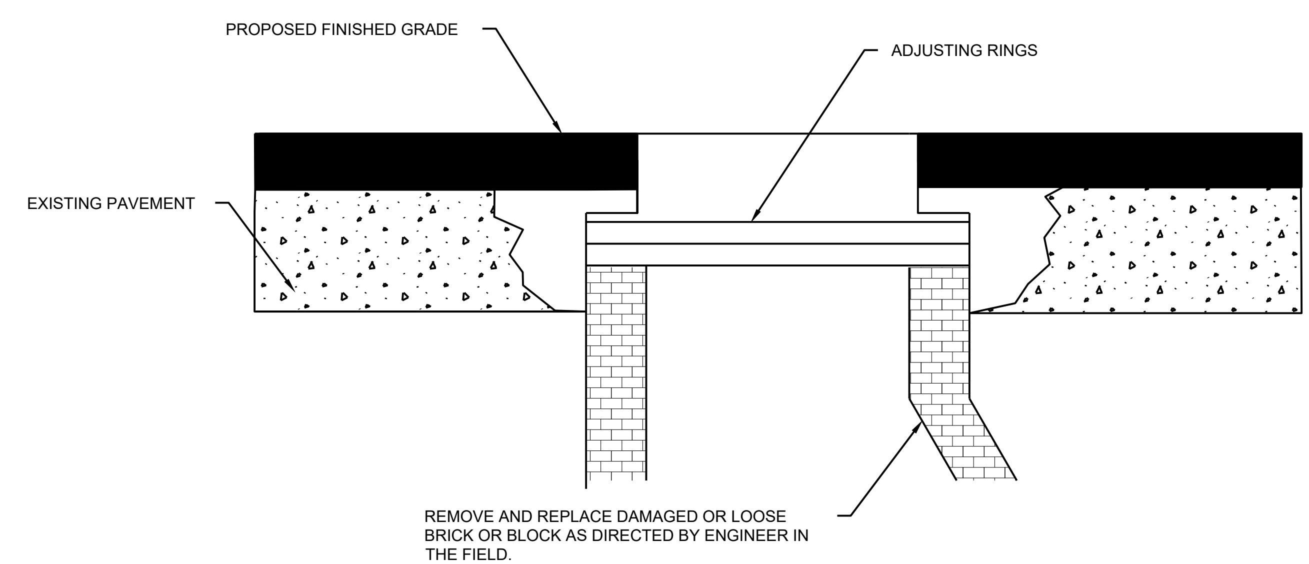
ADJUSTING SANITARY MANHOLE



MILLING DETAIL - BUTT JOINTS

NOTE

ADJUST CHIMNEY WITH PROPER SIZE CONCRETE ADJUSTING RINGS (SIZE OF OPENING OF CONCRETE ADJUSTING RING TO BE DETERMINED BY SIZE OF OPENING IN FRAME) AND REINSTALL EXISTING FRAME AND LID TO FINISHED GRADE. (BACKFILL AND OTHER WORK TO BE DONE IN ACCORDANCE WITH ITEM ADJUSTING INLET COVERS.)



PAVED AREA

ADJUSTING MANHOLE OR INLET COVERS

2

2

NOTES

1) SEE TRAFFIC CONTROL PLAN FOR FIXED MESSAGE SIGN LOCATIONS.

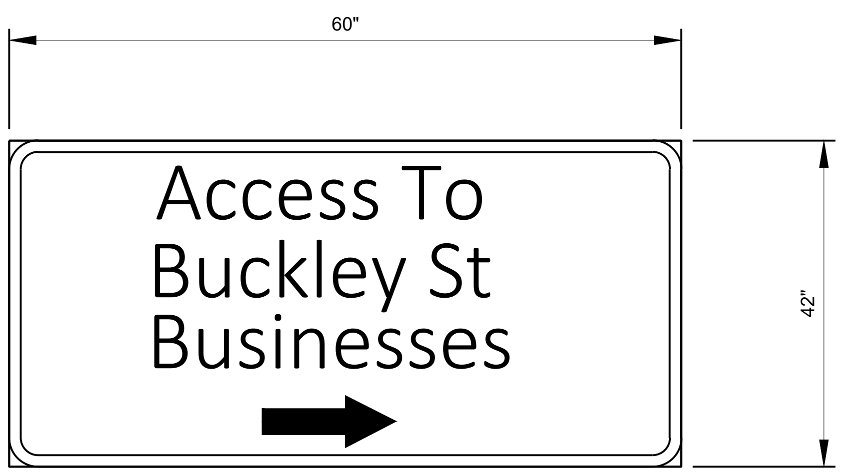
2) SIGNS SHALL HAVE BLACK NON-REFLECTIVE MESSAGE ON ORANGE FLUORESCENT REFLECTIVE BACKGROUND. SHEETING AND BASE MATERIAL PER STANDARD SPEC 637 & 643.

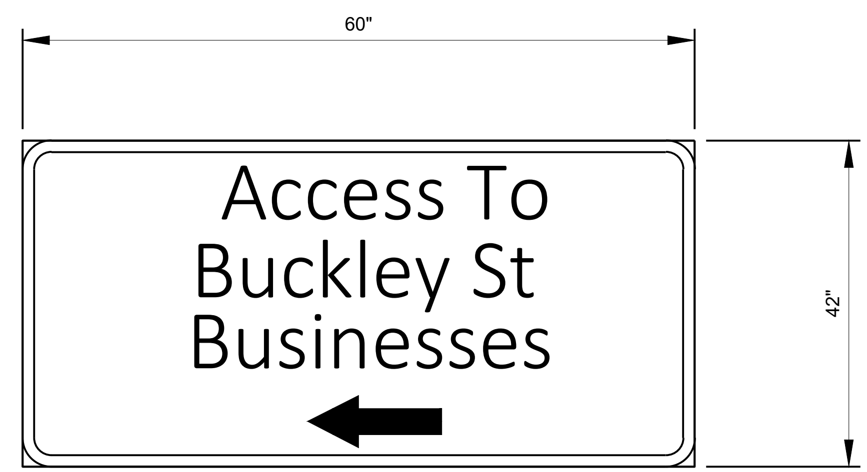
3) SIGNS SHALL HAVE 6" CAPITAL LETTERS, SERIES "C".

4) SIGNS SHALL HAVE A 1" BLACK BORDER WITH 3" CORNER RADIUS.

5) CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO MANUFACTURING.

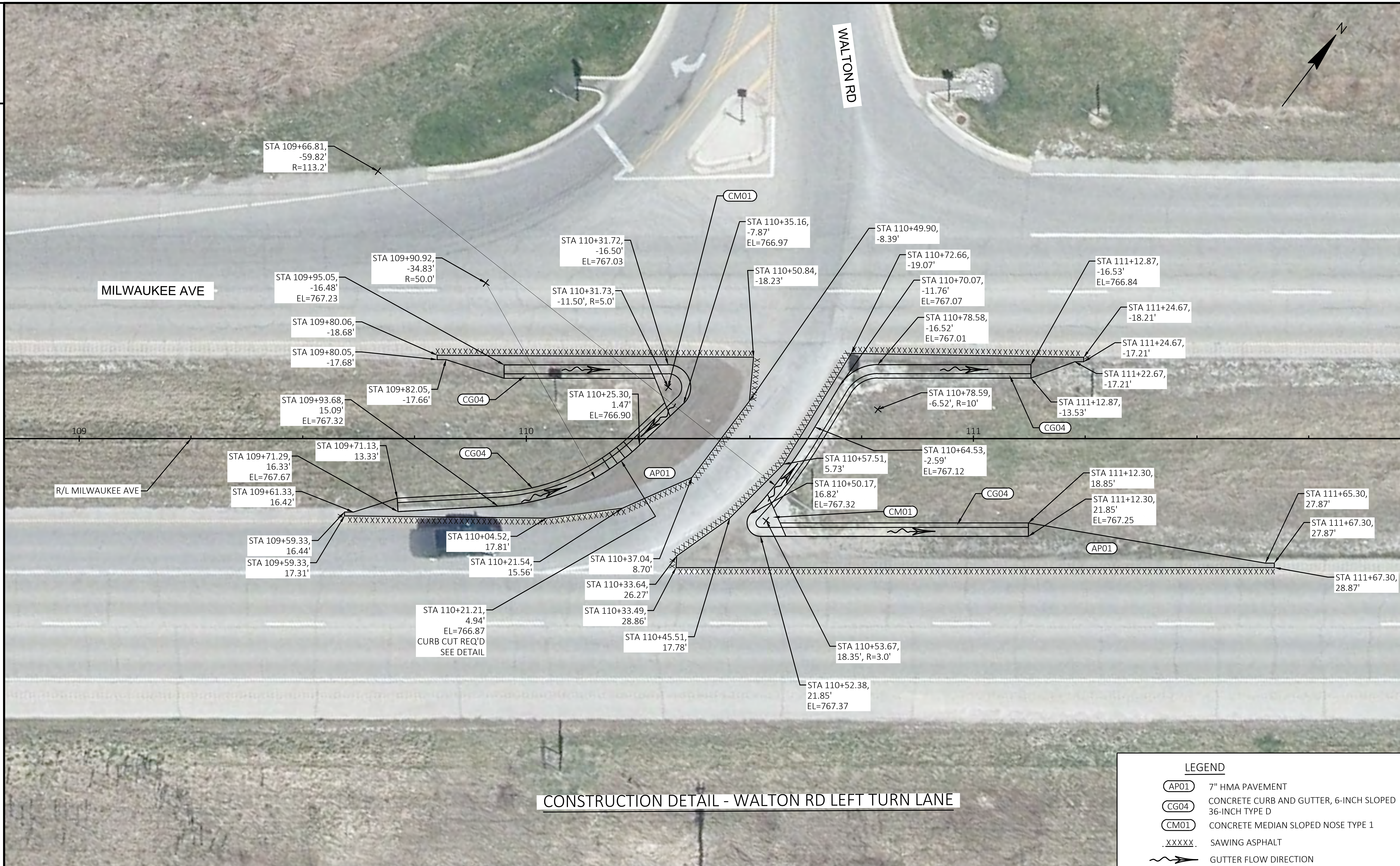
6) AFTER SIGNS HAVE BEEN LOCATED IN THE FIELD, BUT PRIOR TO INSTALLATION, THE ENGINEER SHALL VERIFY EACH SIGN LOCATION.





FIXED MESSAGE SIGN

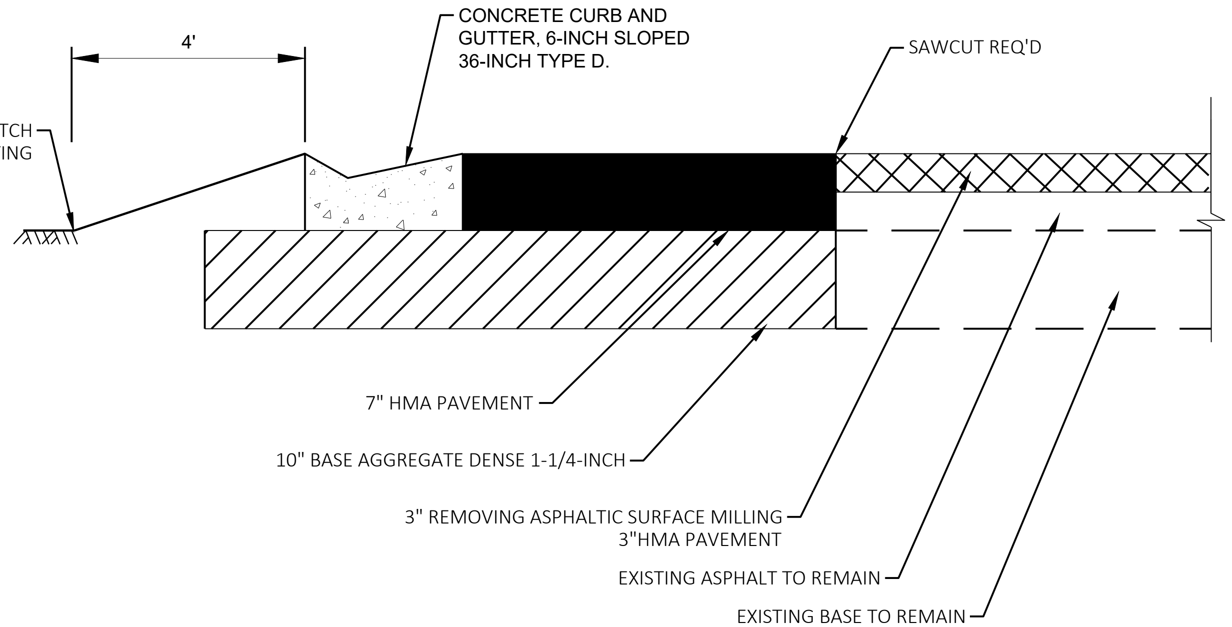
2



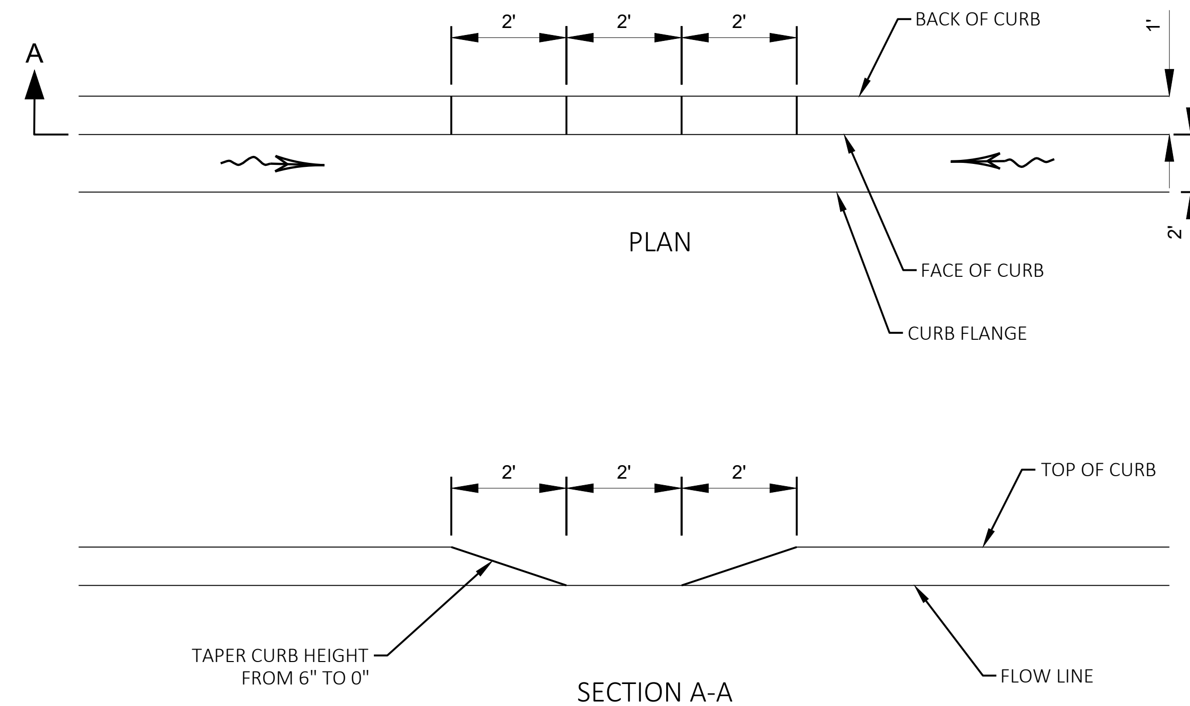
CONSTRUCTION DETAIL - WALTON RD LEFT TURN LANE

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET 19	E



WALTON RD LEFT TURN LANE PAVEMENT



NOTE:

CURB CUT IS INCIDENTAL TO BID ITEM CONCRETE CURB AND GUTTER, 6-INCH SLOPED 36-INCH TYPE D.

CURB CUT

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET 20	E

EROSION CONTROL LEGEND

⌗⌗⌗⌗⌗⌗	EROSION MAT CLASS I, TYPE A OR B
	SILT FENCE
	SLOPE INTERCEPT
X	INLET PROTECTION AND TYPE
	TEMPORARY DITCH CHECK

PLAN DETAIL LEGEND

	3" ASPHALTIC SURFACE MILLING AND 3" HMA PAVEMENT
	BASE PATCHING
AP01	7" HMA PAVEMENT
AP51	BASE PATCHING ASPHALTIC
CG04	CONCRETE CURB AND GUTTER, 6-INCH SLOPED 36-INCH TYPE D
CG21	CONCRETE CURB AND GUTTER 30-INCH TYPE D
CM01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
CM02	CONCRETE MEDIAN SLOPED NOSE TYPE 2
CM05	CONCRETE SIDEWALK 5-INCH
CP51	BASE PATCHING CONCRETE
CP52	BASE PATCHING CONCRETE SHES
XXXXX	SAWING ASPHALT
⅄⅄⅄⅄⅄	SAWING CONCRETE

NOTE: SEE CURB RAMP DETAILS FOR
ADDITIONAL INFORMATION

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 22	E

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 23	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - PD18
PLOT DATE : 7/27/2022 3:00 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 24	E

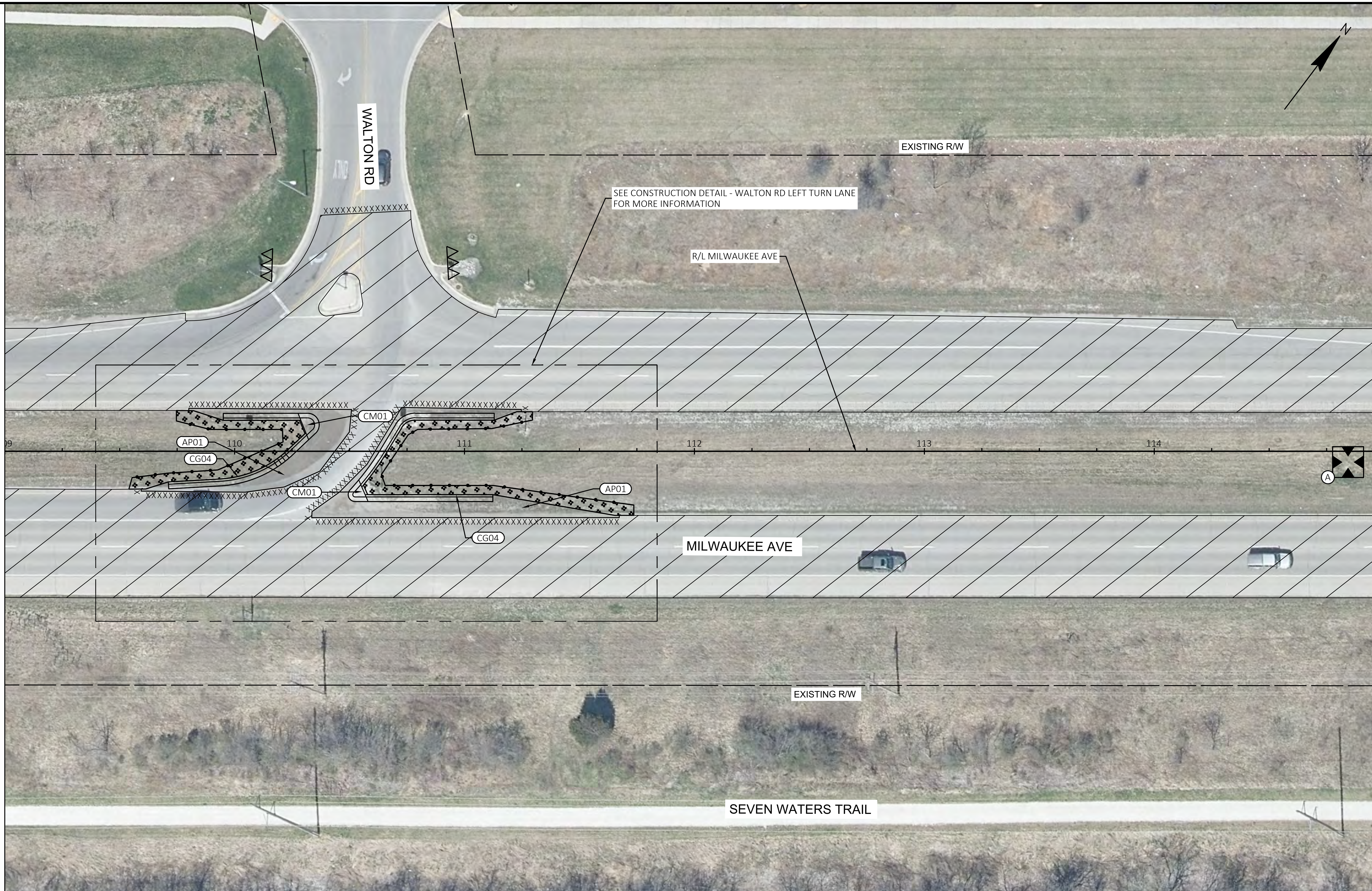
FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - PD19
PLOT DATE : 7/27/2022 3:01 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 25	E

2

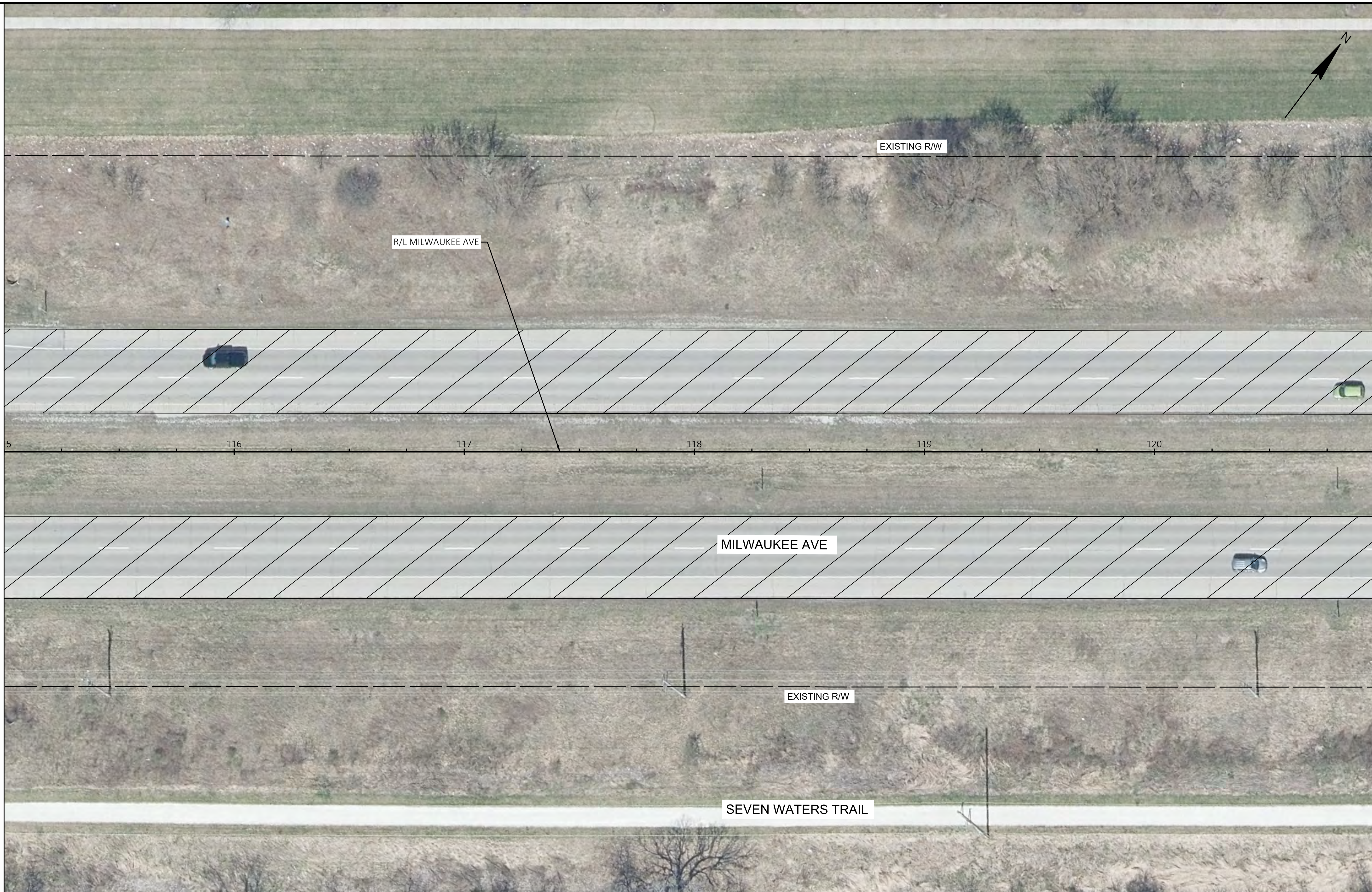


WALTON RD
EXISTING R/W
SEE CONSTRUCTION DETAIL - WALTON RD LEFT TURN LANE FOR MORE INFORMATION
R/L MILWAUKEE AVE
CM01
AP01
CG04
CM01
AP01
CG04
110
111
112
113
114
A
MATCH LINE 109+00
MATCH LINE 115+00
MILWAUKEE AVE
EXISTING R/W
SEVEN WATERS TRAIL

2

2

MATCH LINE 115+00



MATCH LINE 121+00

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 27 E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - PD22

PLOT DATE : 7/27/2022 3:02 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

MATCH LINE 121+00

MATCH LINE 127+00

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 28	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - PD23
PLOT DATE : 7/27/2022 3:03 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 29	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - PD24
PLOT DATE : 7/27/2022 3:03 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

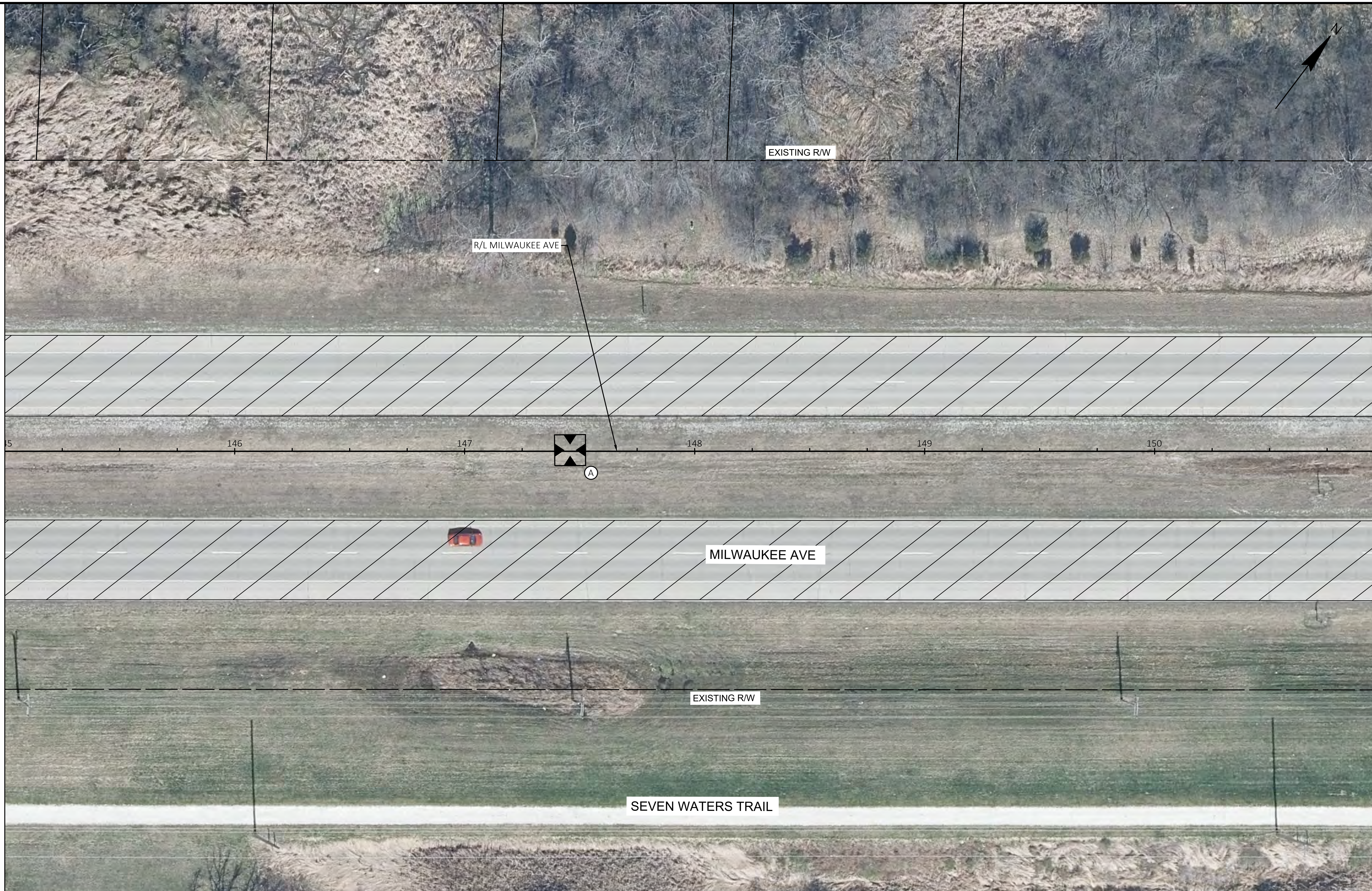
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 30	E

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 31	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - PD26
PLOT DATE : 7/27/2022 3:05 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

MATCH LINE 145+00



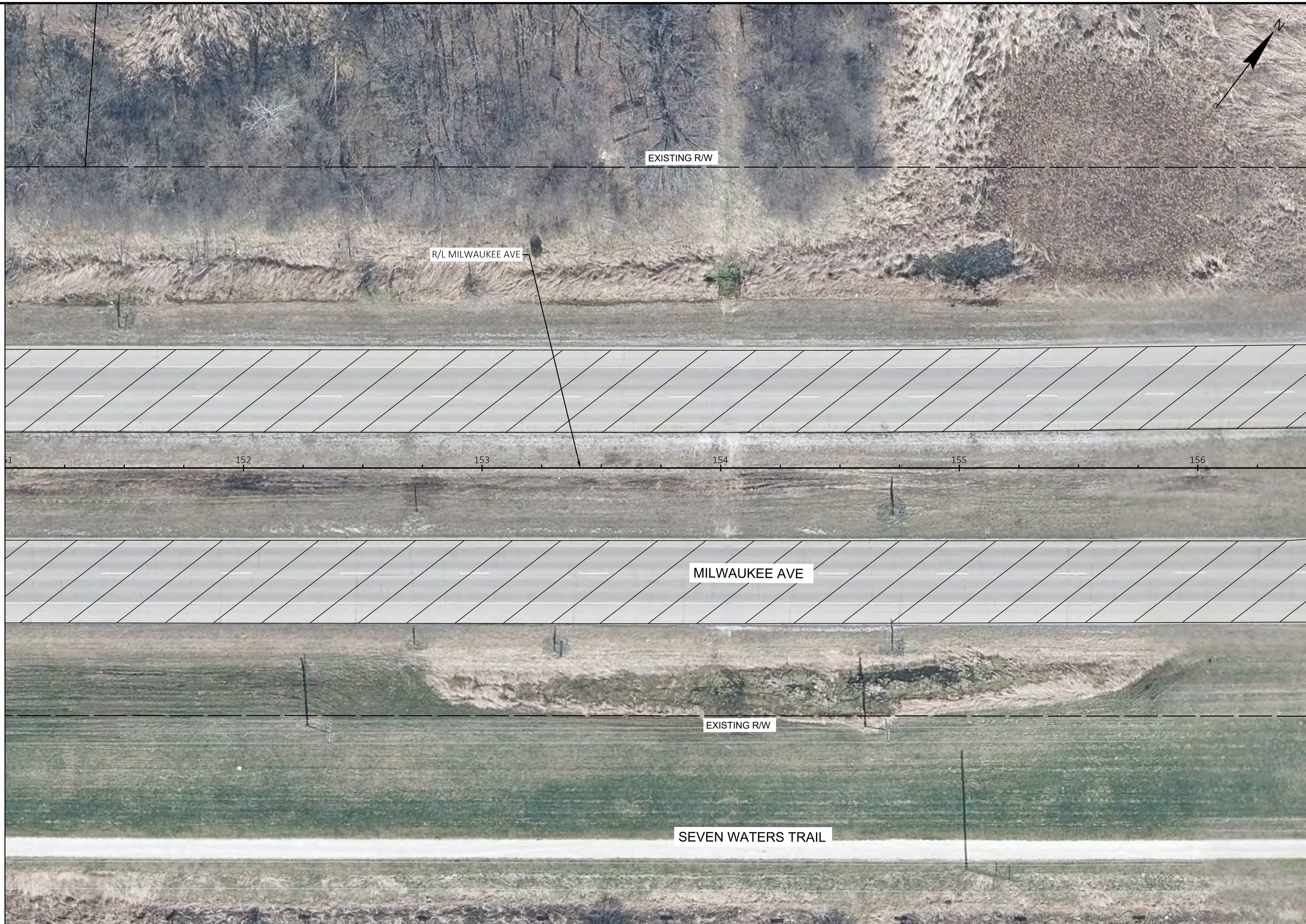
MATCH LINE 151+00

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 32	E

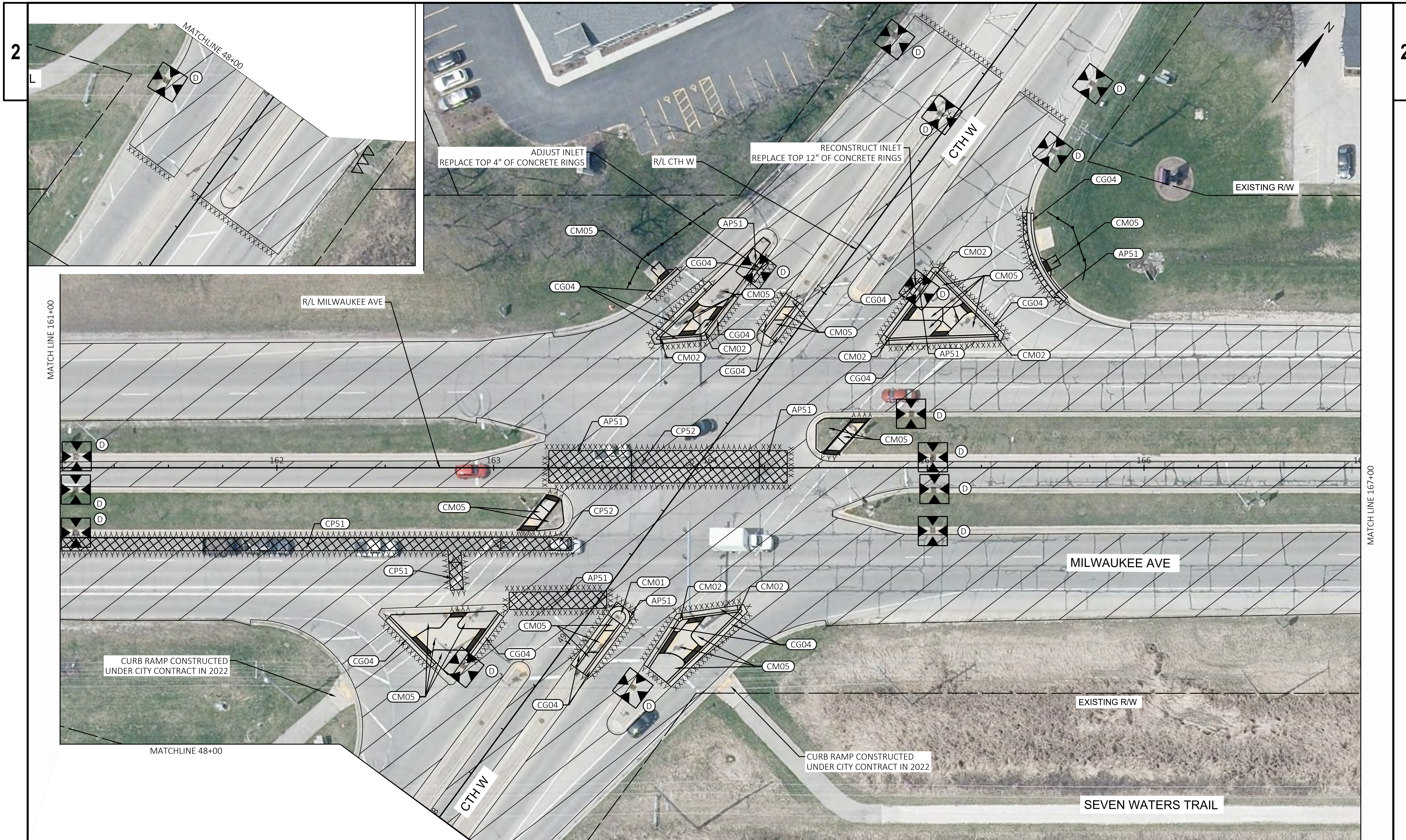
2

2



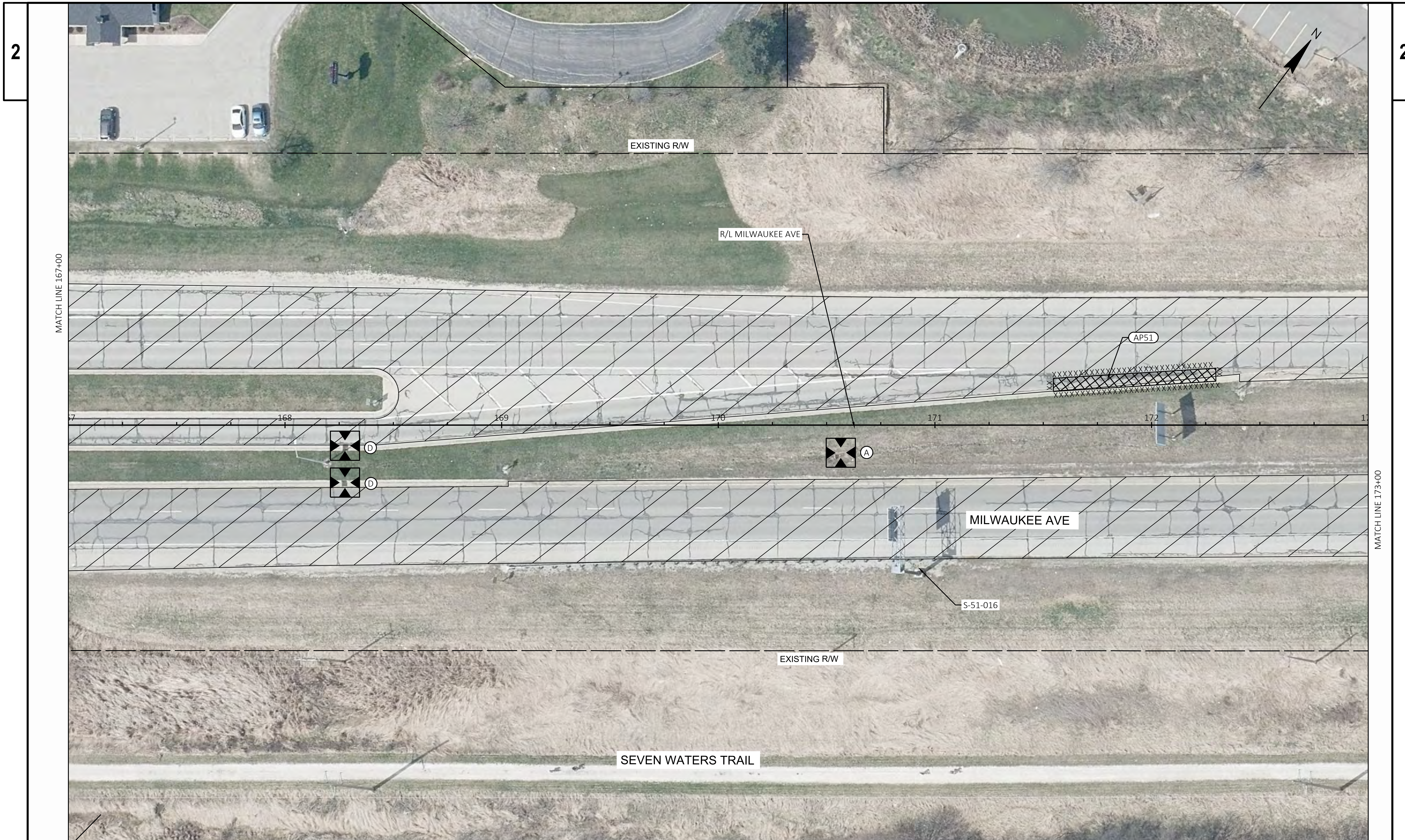
EXISTING R/W
R/L MILWAUKEE AVE
MATCH LINE 151+00
152
153
154
155
156
MILWAUKEE AVE
MATCH LINE 156+50
EXISTING R/W
SEVEN WATERS TRAIL
N

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 34	E



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 35	E

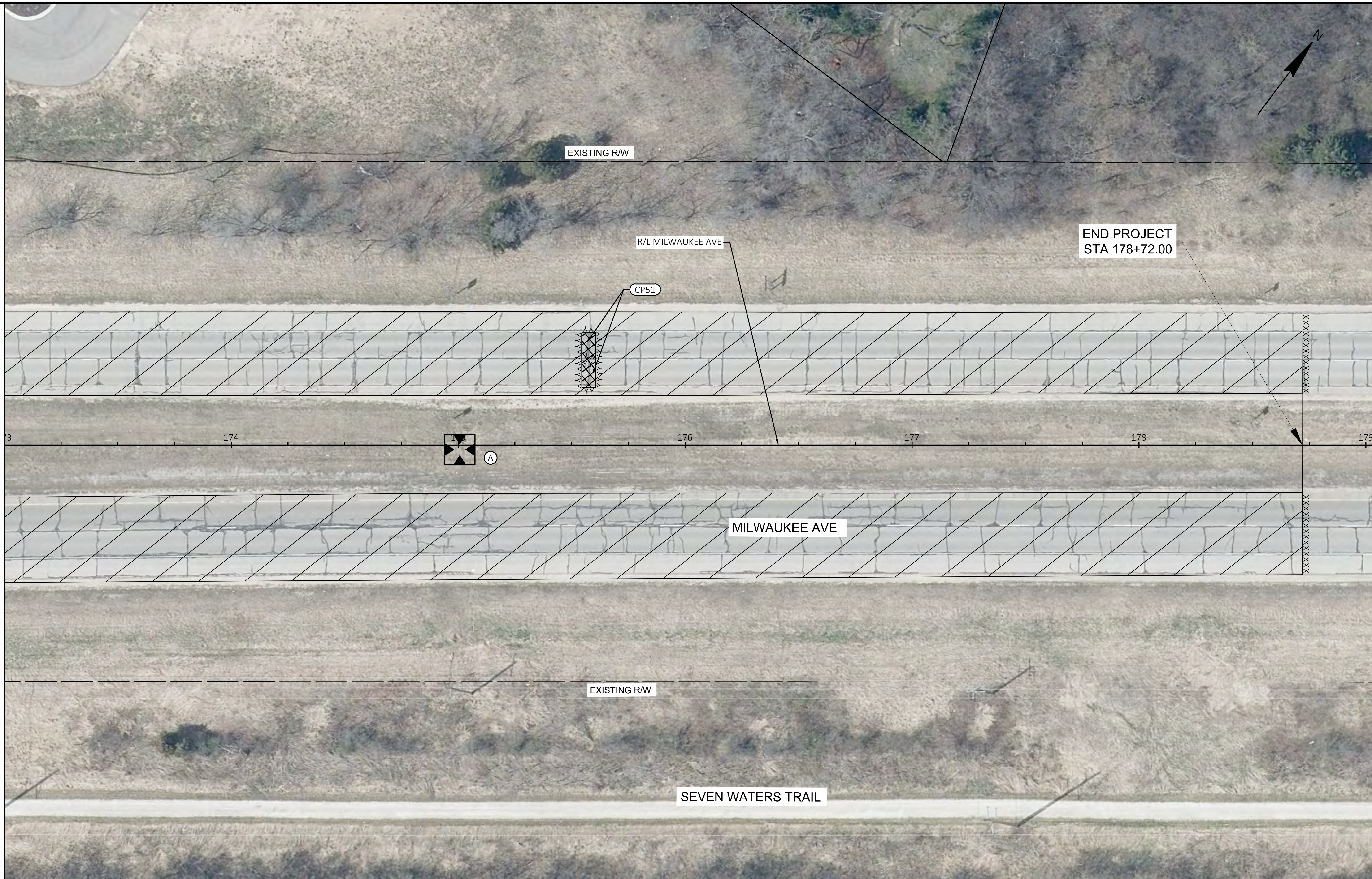
FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - PD30
PLOT DATE : 7/27/2022 3:07 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 36	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - PD31
PLOT DATE : 7/27/2022 3:08 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



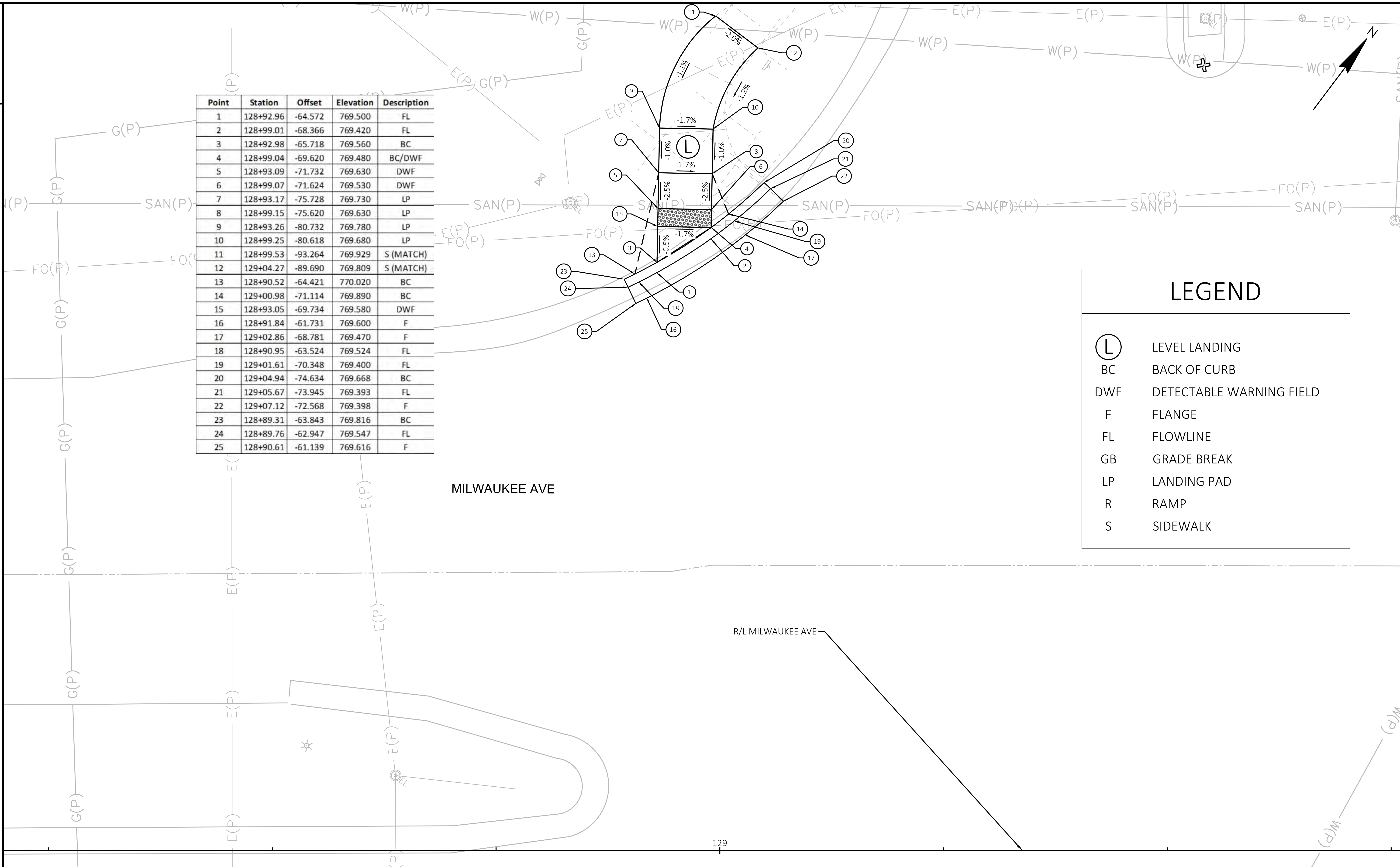
2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLAN DETAILS	SHEET 37	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\021201-PD.DWG PLOT DATE : 7/27/2022 3:09 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

LAYOUT NAME - PD32

WISDOT/CADDS SHEET 42

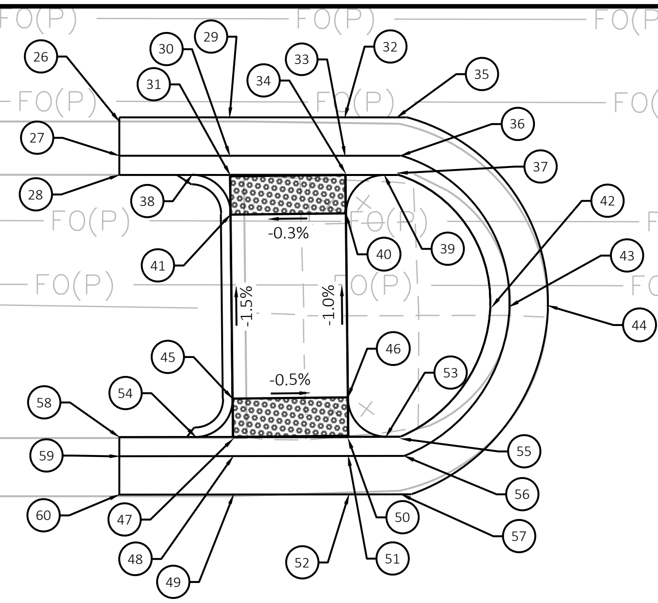


Point	Station	Offset	Elevation	Description
1	128+92.96	-64.572	769.500	FL
2	128+99.01	-68.366	769.420	FL
3	128+92.98	-65.718	769.560	BC
4	128+99.04	-69.620	769.480	BC/DWF
5	128+93.09	-71.732	769.630	DWF
6	128+99.07	-71.624	769.530	DWF
7	128+93.17	-75.728	769.730	LP
8	128+99.15	-75.620	769.630	LP
9	128+93.26	-80.732	769.780	LP
10	128+99.25	-80.618	769.680	LP
11	128+99.53	-93.264	769.929	S (MATCH)
12	129+04.27	-89.690	769.809	S (MATCH)
13	128+90.52	-64.421	770.020	BC
14	129+00.98	-71.114	769.890	BC
15	128+93.05	-69.734	769.580	DWF
16	128+91.84	-61.731	769.600	F
17	129+02.86	-68.781	769.470	F
18	128+90.95	-63.524	769.524	FL
19	129+01.61	-70.348	769.400	FL
20	129+04.94	-74.634	769.668	BC
21	129+05.67	-73.945	769.393	FL
22	129+07.12	-72.568	769.398	F
23	128+89.31	-63.843	769.816	BC
24	128+89.76	-62.947	769.547	FL
25	128+90.61	-61.139	769.616	F

LEGEND

L	LEVEL LANDING
BC	BACK OF CURB
DWF	DETECTABLE WARNING FIELD
F	FLANGE
FL	FLOWLINE
GB	GRADE BREAK
LP	LANDING PAD
R	RAMP
S	SIDEWALK

Point	Station	Offset	Elevation	Description
26	128+84.59	12.577	770.408	F
27	128+84.58	14.355	770.503	FL
28	128+84.58	15.355	770.962	BC
29	128+90.32	12.359	770.451	F
30	128+90.34	14.359	770.531	FL
31	128+90.35	15.359	770.547	BC/DWF
32	128+96.32	12.363	770.497	F
33	128+96.34	14.363	770.564	FL
34	128+96.35	15.263	770.573	BC/DWF
35	128+99.04	12.365	770.518	F
36	128+99.23	14.365	770.580	FL
37	128+99.09	15.265	770.900	BC
38	128+88.37	15.358	770.980	BC
39	128+98.39	15.374	770.948	BC
40	128+96.38	17.363	770.595	DWF/LP
41	128+90.38	17.428	770.578	DWF/LP
42	129+03.99	22.223	770.677	BC
43	129+04.87	22.228	770.636	FL
44	129+06.89	22.160	770.874	F
45	128+90.48	27.008	770.723	DWF/LP
46	128+96.48	26.942	770.707	DWF/LP
47	128+90.50	29.111	770.755	BC/DWF
48	128+90.51	30.011	770.769	FL
49	128+90.54	32.004	770.789	F
50	128+96.50	29.103	770.717	BC/DWF
51	128+96.50	30.001	770.727	FL
52	128+96.54	32.003	770.743	F
53	128+98.46	29.001	771.092	BC
54	128+88.57	29.009	771.210	BC
55	128+99.25	29.100	771.058	BC
56	128+99.43	30.000	770.706	FL
57	128+99.26	32.000	770.723	F
58	128+84.59	29.007	771.228	BC
59	128+84.59	30.007	770.811	FL
60	128+84.59	32.007	770.834	F



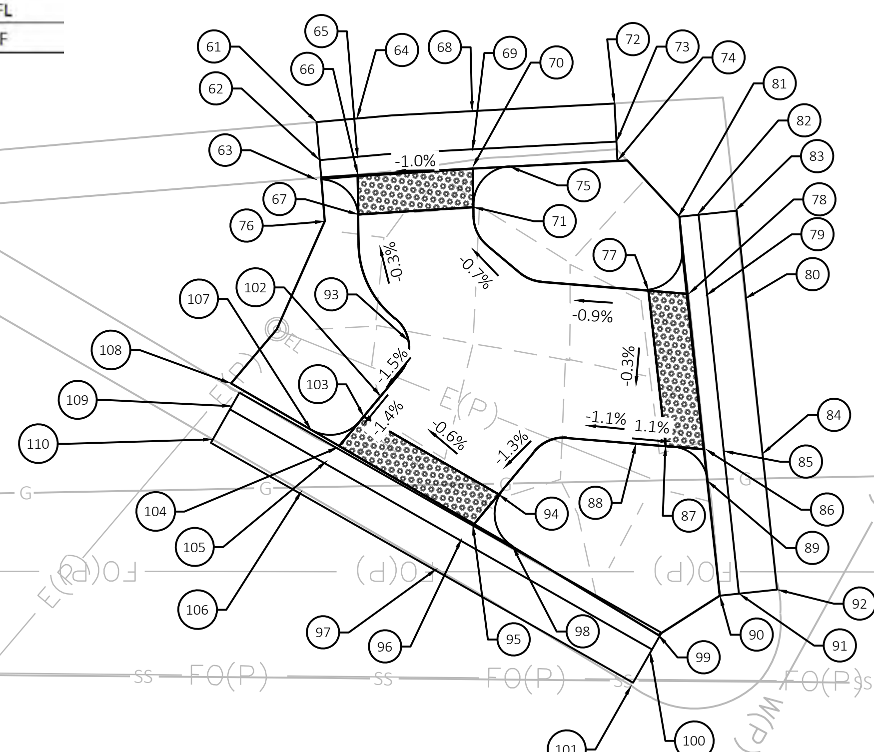
MILWAUKEE AVE

LEGEND

- L — LEVEL LANDING
- BC — BACK OF CURB
- DWF — DETECTABLE WARNING FIELD
- F — FLANGE
- FL — FLOWLINE
- GB — GRADE BREAK
- LP — LANDING PAD
- R — RAMP
- S — SIDEWALK

Point	Station	Offset	Elevation	Description
61	128+88.85	68.193	770.636	F
62	128+89.03	70.185	770.558	FL
63	128+88.85	71.204	771.045	BC
64	128+90.98	68.007	770.662	F
65	128+91.00	70.052	770.582	FL
66	128+91.01	70.915	770.600	BC/DWF
67	128+91.03	73.017	770.610	DWF/LP
68	128+96.98	67.625	770.722	F
69	128+97.00	69.648	770.642	FL
70	128+97.01	70.529	770.660	BC/DWF
71	128+97.03	72.628	770.678	DWF/GB/LP
72	129+04.38	67.230	770.788	F
73	129+04.49	69.227	770.654	FL
74	129+04.55	70.225	771.099	BC
75	128+98.93	70.526	771.085	BC
76	128+89.29	73.369	771.237	BC
77	129+06.16	76.986	770.767	DWF/LP
78	129+08.26	77.157	770.781	BC/DWF
79	129+09.17	77.232	770.763	FL
80	129+11.20	77.399	770.844	F
81	129+07.71	73.140	771.101	BC
82	129+08.71	73.030	770.708	FL
83	129+10.70	72.821	770.841	F
84	129+12.10	85.499	770.849	F
85	129+10.07	85.332	770.768	FL

Point	Station	Offset	Elevation	Description
86	129+09.15	85.258	770.780	BC/DWF
87	129+07.05	85.085	770.759	DWF
88	129+05.51	84.959	770.741	LP
89	129+09.23	86.898	771.210	BC
90	129+09.90	92.907	771.321	BC
91	129+10.89	92.779	770.811	FL
92	129+12.88	92.560	770.853	F
93	128+93.64	79.586	770.640	GB/LP
94	128+98.35	87.607	770.644	DWF/LP
95	129+97.00	89.221	770.615	BC/DWF
96	128+96.42	89.923	770.560	FL
97	128+95.12	91.482	770.520	F
98	128+99.08	90.320	771.097	BC
99	129+06.68	94.925	771.273	BC
100	129+06.25	95.837	770.607	FL
101	129+05.26	97.575	770.634	F
102	128+92.20	82.485	770.594	LP
103	128+91.32	83.543	770.575	DWF/LP
104	128+89.98	85.156	770.542	BC
105	128+89.39	85.860	770.487	FL
106	128+88.09	87.419	770.447	F
107	128+88.57	84.231	771.007	BC
108	128+84.40	81.818	770.964	BC
109	128+84.45	83.006	770.434	FL
110	128+83.46	84.739	770.398	F



BUCKLEY ST

2

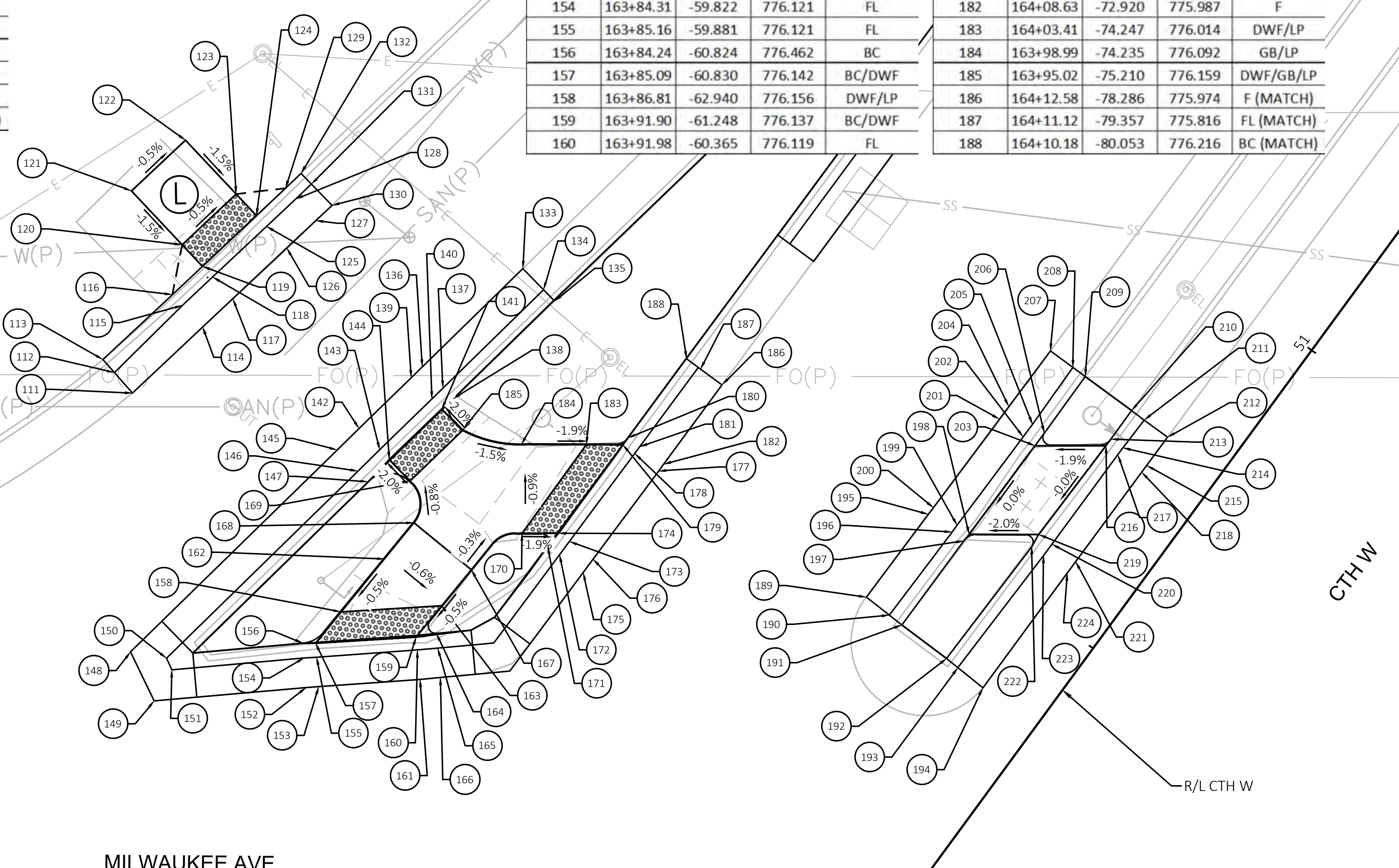
Point	Station	Offset	Elevation	Description
111	163+72.70	-77.734	775.704	F (MATCH)
112	163+71.49	-79.114	775.552	FL (MATCH)
113	163+70.70	-80.007	775.993	BC (MATCH)
114	163+77.46	-82.205	775.716	F
115	163+76.09	-83.662	775.636	FL
116	163+75.40	-84.391	776.136	BC
117	163+79.50	-84.122	775.708	F
118	163+78.13	-85.579	775.628	FL
119	163+77.44	-86.308	775.690	BC/DWF
120	163+76.07	-87.765	775.720	DWF/LP
121	163+72.65	-91.409	775.795	LP
122	163+76.29	-94.832	775.771	LP
123	163+79.72	-91.190	775.696	DWF/LP
124	163+81.09	-89.732	775.666	BC/DWF
125	163+81.77	-89.004	775.604	FL
126	163+83.14	-87.546	775.683	F
127	163+85.11	-89.396	775.676	F
128	163+83.74	-90.853	775.596	FL
129	163+83.05	-91.582	776.096	BC
130	163+86.20	-90.423	775.672	F (MATCH)
131	163+84.81	-91.863	775.486	FL (MATCH)
132	163+84.11	-92.590	775.919	BC (MATCH)

Point	Station	Offset	Elevation	Description
133	163+99.11	-86.156	776.011	F (MATCH)
134	164+00.51	-84.721	776.016	FL (MATCH)
135	164+01.26	-83.960	776.563	BC (MATCH)
136	163+92.30	-79.503	776.019	F
137	163+93.70	-78.070	776.100	FL
138	163+94.40	-77.356	776.515	BC/DWF
139	163+91.56	-78.774	776.019	F
140	163+92.95	-77.343	776.099	FL
141	163+93.63	-76.651	776.119	BC/DWF
142	163+88.03	-75.332	776.023	F
143	163+89.43	-73.901	776.103	FL
144	163+90.08	-73.233	776.122	BC/DWF
145	163+86.56	-73.890	776.025	F
146	163+87.95	-72.459	776.105	FL
147	163+88.65	-71.743	776.522	BC
148	163+72.58	-60.240	776.040	F
149	163+74.17	-56.917	776.043	F
150	163+75.00	-59.811	776.119	FL
151	163+75.37	-59.031	776.458	FL
152	163+84.45	-57.827	776.041	F
153	163+85.30	-57.886	776.041	F
154	163+84.31	-59.822	776.121	FL
155	163+85.16	-59.881	776.121	FL
156	163+84.24	-60.824	776.462	BC
157	163+85.09	-60.830	776.142	BC/DWF
158	163+86.81	-62.940	776.156	DWF/LP
159	163+91.90	-61.248	776.137	BC/DWF
160	163+91.98	-60.365	776.119	FL

Point	Station	Offset	Elevation	Description
161	163+92.16	-58.374	776.039	F
162	163+89.75	-66.526	776.179	LP
163	163+93.62	-63.357	776.151	DWF/LP
164	163+93.26	-61.488	776.536	BC
165	163+93.35	-60.492	776.119	FL
166	163+93.53	-58.500	776.039	F
167	163+95.62	-65.797	776.166	GB/LP
168	163+91.74	-68.965	776.195	GB/LP
169	163+91.47	-71.793	776.162	DWF/GB/LP
170	163+99.05	-68.253	776.153	DWF/GB/LP
171	164+00.78	-67.404	776.434	BC
172	164+01.59	-66.806	775.934	FL
173	164+02.26	-67.705	775.931	FL
174	164+01.52	-68.252	776.088	BC/DWF
175	164+03.19	-65.612	776.014	F
176	164+03.86	-66.510	776.011	F
177	164+08.29	-72.462	775.989	F
178	164+06.68	-73.648	775.909	FL
179	164+05.87	-74.242	775.971	BC/DWF
180	164+06.21	-74.700	776.407	BC
181	164+07.02	-74.106	775.907	FL
182	164+08.63	-72.920	775.987	F
183	164+03.41	-74.247	776.014	DWF/LP
184	163+98.99	-74.235	776.092	GB/LP
185	163+95.02	-75.210	776.159	DWF/GB/LP
186	164+12.58	-78.286	775.974	F (MATCH)
187	164+11.12	-79.357	775.816	FL (MATCH)
188	164+10.18	-80.053	776.216	BC (MATCH)

2

Point	Station	Offset	Elevation	Description
189	164+22.34	-63.933	776.204	F (MATCH)
190	164+23.90	-62.716	776.259	FL (MATCH)
191	164+24.73	-62.059	776.826	BC (MATCH)
192	164+27.76	-59.794	776.610	BC (MATCH)
193	164+28.53	-59.177	776.232	FL (MATCH)
194	164+30.22	-57.815	776.305	F (MATCH)
195	164+26.53	-69.540	776.205	F
196	164+28.13	-68.344	776.285	FL
197	164+28.93	-67.746	776.702	BC
198	164+29.29	-68.189	776.307	BC/LP
199	164+28.47	-68.797	776.285	FL
200	164+26.87	-69.995	776.205	F
201	164+31.34	-75.974	776.207	F
202	164+32.94	-74.777	776.287	FL
203	164+33.74	-74.179	776.307	BC/LP
204	164+31.97	-76.821	776.207	F
205	164+33.57	-75.624	776.287	FL
206	164+34.37	-75.026	776.704	BC
207	164+34.78	-80.584	776.208	F (MATCH)
208	164+36.30	-79.467	776.275	FL (MATCH)
209	164+37.13	-78.852	776.820	BC (MATCH)
210	164+40.27	-76.548	776.556	BC (MATCH)
211	164+41.13	-75.911	776.133	FL (MATCH)
212	164+42.70	-74.751	776.294	F (MATCH)
213	164+38.88	-74.626	776.720	BC
214	164+39.69	-74.032	776.220	FL
215	164+41.30	-72.846	776.300	F
216	164+38.54	-74.168	776.400	BC/LP
217	164+39.35	-73.574	776.380	FL
218	164+40.96	-72.388	776.300	F
219	164+34.00	-68.178	776.400	BC/LP
220	164+34.89	-67.522	776.382	FL
221	164+36.50	-66.336	776.302	F
222	164+33.52	-67.346	776.799	BC
223	164+34.32	-66.752	776.382	FL
224	164+35.93	-65.566	776.302	F

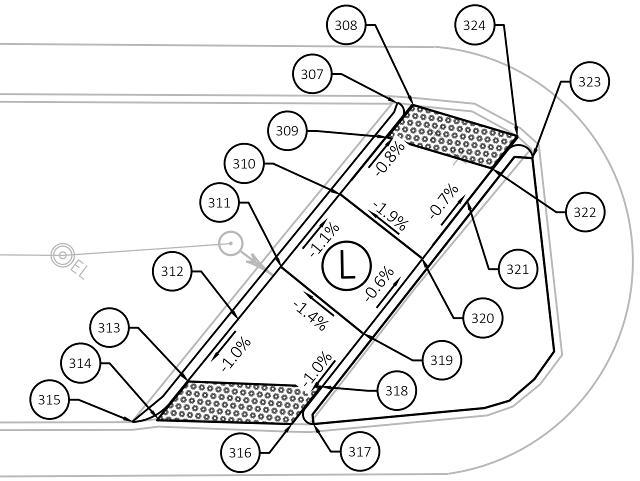


LEGEND

L	LEVEL LANDING
BC	BACK OF CURB
DWF	DETECTABLE WARNING FIELD
F	FLANGE
FL	FLOWLINE
GB	GRADE BREAK
LP	LANDING PAD
R	RAMP
S	SIDEWALK

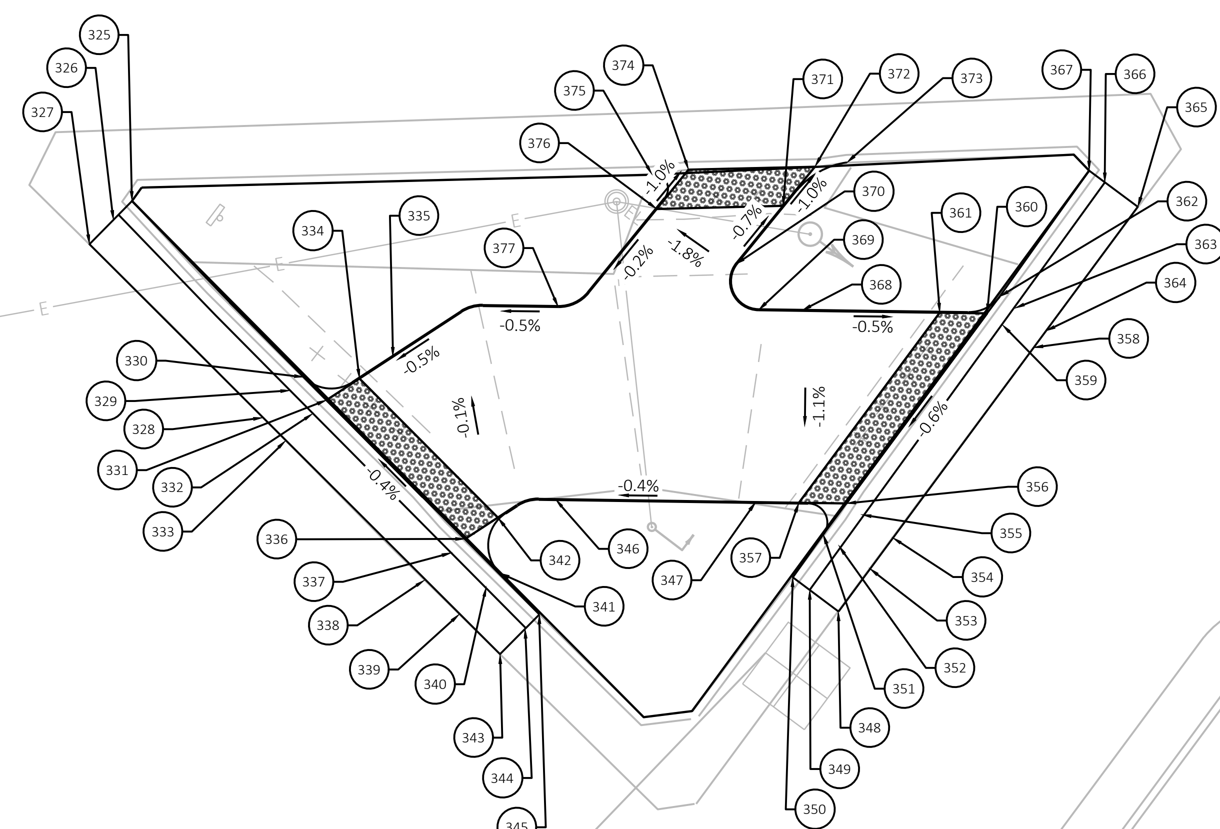
2

Point	Station	Offset	Elevation	Description
307	163+24.29	12.339	775.645	BC (MATCH)
308	163+25.13	12.445	775.397	BC/DWF (MATCH)
309	163+23.77	14.125	775.402	DWF/GB/LP
310	163+21.35	17.099	775.441	GB/LP
311	163+18.27	20.880	775.500	GB/LP
312	163+16.04	23.619	775.465	LP
313	163+13.42	26.837	775.423	DWF/LP
314	163+11.84	28.778	775.398	BC/DWF (MATCH)
315	163+10.53	28.941	775.770	BC (MATCH)
316	163+18.80	29.046	775.514	BC/DWF (MATCH)
317	163+19.93	29.059	775.821	BC (MATCH)
318	163+20.32	27.104	775.539	DWF/LP
319	163+22.50	24.323	775.574	GB/LP
320	163+25.57	20.408	775.546	GB/LP
321	163+27.93	17.389	775.508	GB/LP
322	163+29.22	15.746	775.502	DWF/LP
323	163+31.34	15.207	775.834	BC (MATCH)
324	163+30.55	14.054	775.497	BC/DWF (MATCH)



Point	Station	Offset	Elevation	Description
325	162+52.19	68.499	775.608	BC (MATCH)
326	162+51.23	69.482	775.130	FL (MATCH)
327	162+49.98	70.749	775.173	F (MATCH)
328	162+59.02	79.775	775.247	F
329	162+60.44	78.368	775.327	FL
330	162+61.15	77.665	775.743	BC
331	162+62.33	78.861	775.357	BC/DWF
332	162+61.62	79.565	775.337	FL
333	162+60.20	80.972	775.212	F
334	162+64.04	77.744	775.400	DWF/LP
335	162+65.79	76.606	775.379	LP
336	162+69.54	86.096	775.400	BC/DWF
337	162+68.84	86.809	775.380	FL
338	162+67.44	88.235	775.300	F
339	162+69.25	90.013	775.296	F
340	162+70.65	88.587	775.376	FL
341	162+71.35	87.874	775.792	BC
342	162+71.25	84.979	775.411	DWF/LP
343	162+71.36	92.095	775.290	F (MATCH)
344	162+72.67	90.766	775.317	FL (MATCH)
345	162+73.41	90.018	775.879	BC (MATCH)
346	162+74.24	84.015	775.428	GB/LP
347	162+84.68	84.169	775.480	GB/LP
348	162+88.98	89.854	775.430	F (MATCH)
349	162+87.50	88.748	775.345	FL (MATCH)
350	162+86.62	88.086	775.754	BC (MATCH)
351	162+88.20	85.853	775.875	BC
352	162+89.01	86.446	775.375	FL
353	162+90.62	87.633	775.455	F
354	162+91.81	86.020	775.474	F
355	162+90.20	84.832	775.394	FL
356	162+89.39	84.239	775.457	BC/DWF
357	162+86.93	84.203	775.469	DWF/LP
358	162+99.14	76.136	775.553	F
359	162+97.54	74.943	775.473	FL
360	162+96.73	74.346	775.535	BC
361	162+94.27	74.310	775.548	DWF/LP
362	162+97.38	73.475	775.979	BC
363	162+98.18	74.071	775.479	FL
364	162+99.79	75.264	775.559	F
365	163+04.59	68.804	775.606	F (MATCH)
366	163+02.86	67.524	775.491	FL (MATCH)
367	163+02.04	66.915	775.849	BC (MATCH)
368	162+87.08	74.204	755.583	LP
369	162+84.82	74.170	755.595	GB/LP
370	162+83.62	71.804	755.544	GB/LP
371	162+86.10	68.750	775.506	DWF/LP
372	162+87.76	66.710	775.480	BC/DWF (MATCH)
373	162+89.43	66.491	775.791	BC (MATCH)
374	162+81.19	66.866	775.417	BC/DWF (MATCH)
375	162+79.28	67.114	775.689	BC (MATCH)
376	162+79.53	68.906	775.444	DWF/LP
377	162+74.39	74.016	775.428	GB/LP

MILWAUKEE AVE



CTH W

R/L CTH W

49

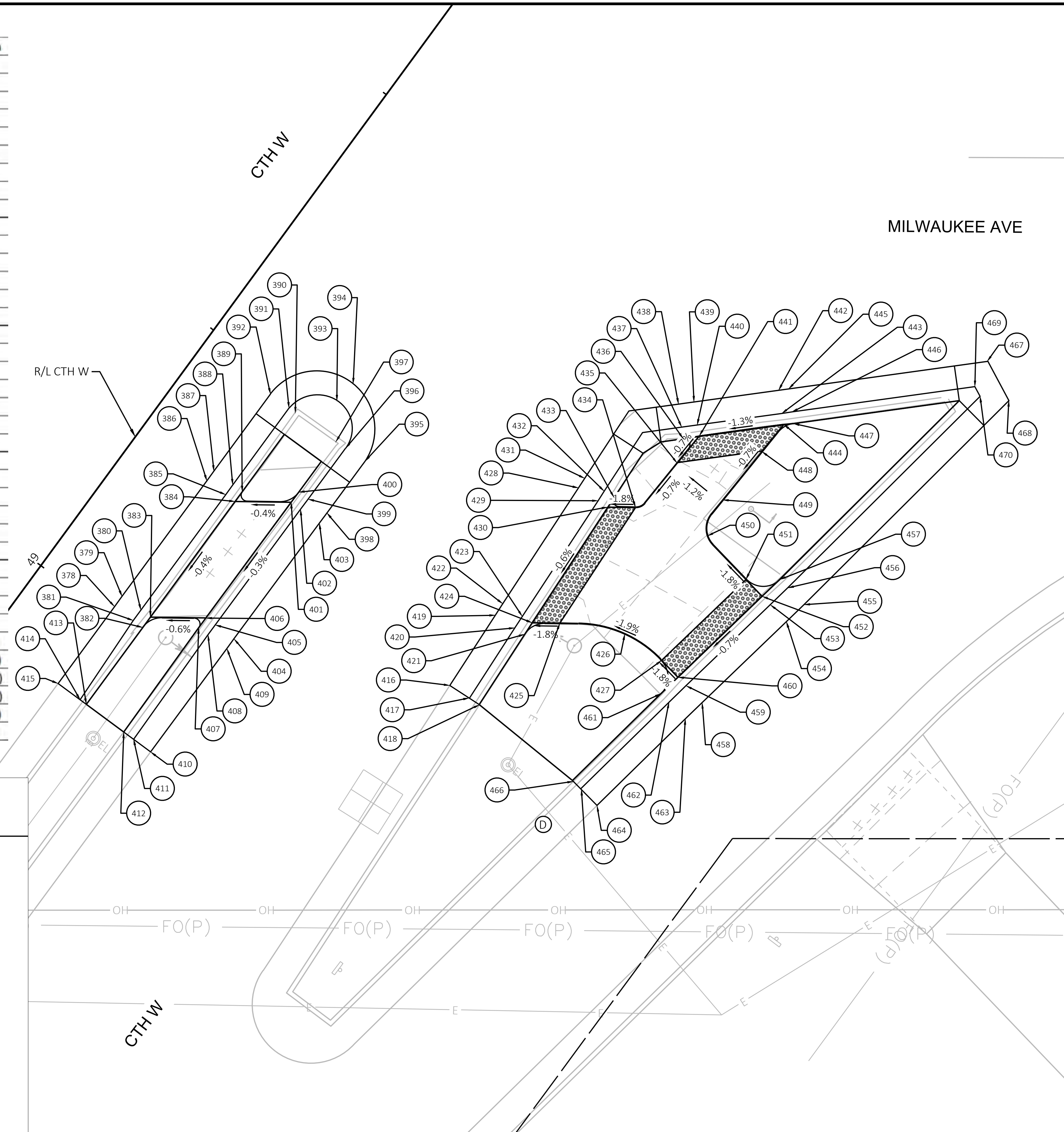
LEGEND

L	LEVEL LANDING
BC	BACK OF CURB
DWF	DETECTABLE WARNING FIELD
F	FLANGE
FL	FLOWLINE
GB	GRADE BREAK
LP	LANDING PAD
R	RAMP
S	SIDEWALK

2

2

Point	Station	Offset	Elevation	Description
378	163+40.46	84.143	775.806	F
379	163+41.11	83.263	775.810	F
380	163+42.72	84.447	775.890	FL
381	163+42.07	85.327	775.886	FL
382	163+42.88	85.919	776.302	BC
383	163+43.52	85.039	775.910	BC/LP
384	163+50.78	75.145	775.955	BC/LP
385	163+49.98	74.553	775.935	FL
386	163+48.36	73.370	775.855	F
387	163+48.97	72.540	775.859	F
388	163+50.59	73.723	775.939	FL
389	163+51.39	74.314	776.355	BC
390	163+55.93	67.553	776.385	BC
391	163+55.40	67.151	775.969	FL
392	163+53.81	65.943	775.889	F
393	163+59.49	66.525	776.001	FL
394	163+60.89	65.073	775.918	F
395	163+61.90	71.711	775.896	F
396	163+60.23	70.596	775.976	FL
397	163+59.40	70.039	776.392	BC
398	163+58.64	76.121	775.879	F
399	163+57.03	74.933	775.959	FL
400	163+56.23	74.339	776.376	BC
401	163+55.58	75.216	775.976	BC/LP
402	163+56.38	75.810	775.956	FL
403	163+57.99	76.998	775.876	F
404	163+50.69	86.891	775.839	F
405	163+49.08	85.703	775.919	FL
406	163+48.28	85.115	775.939	BC/LP
407	163+47.66	85.941	776.332	BC
408	163+48.47	86.534	775.916	FL
409	163+50.08	87.721	775.836	F
410	163+43.55	96.564	775.802	F (MATCH)
411	163+42.10	95.488	775.889	FL (MATCH)
412	163+41.25	94.866	776.438	BC (MATCH)
413	163+38.05	92.505	776.306	BC (MATCH)
414	163+37.51	92.106	775.818	FL (MATCH)
415	163+35.63	90.719	775.776	F (MATCH)



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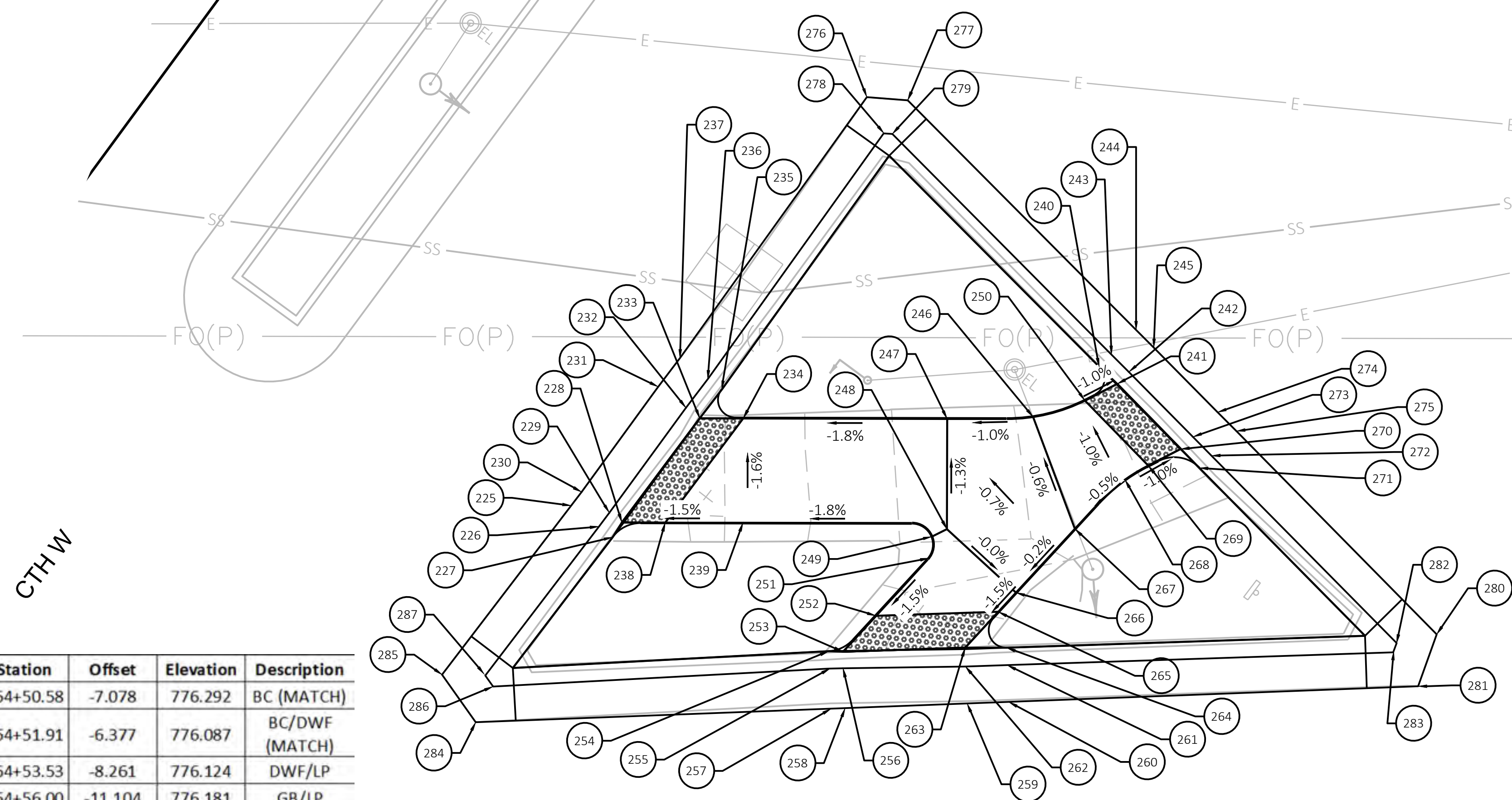
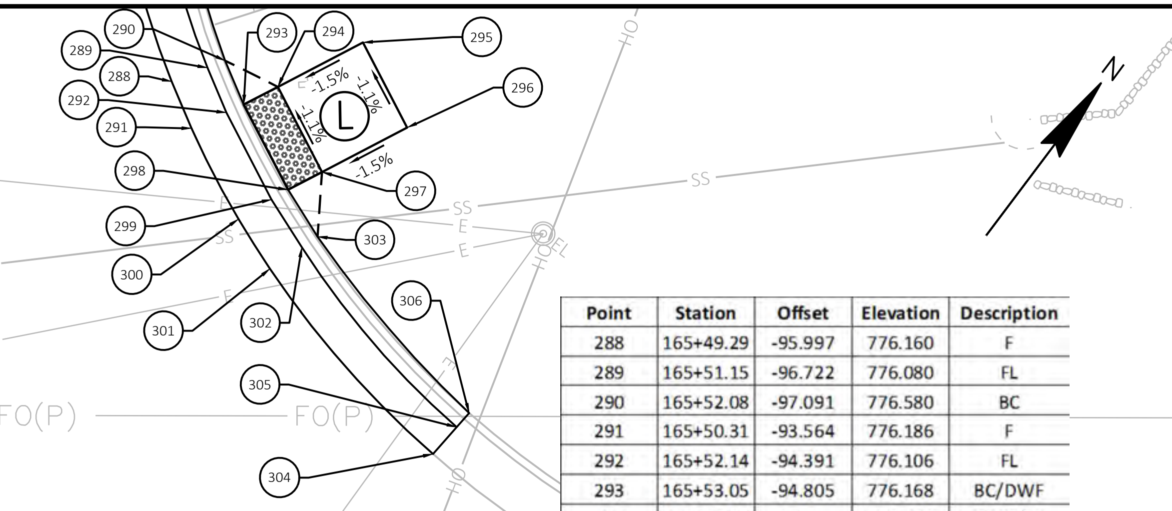
Point	Station	Offset	Elevation	Description
416	163+69.17	90.887	775.652	F (MATCH)
417	163+70.82	91.958	775.573	FL (MATCH)
418	163+71.71	92.532	776.073	BC (MATCH)
419	163+73.06	84.872	775.692	F
420	163+74.74	85.958	775.612	FL
421	163+75.58	86.501	776.112	BC
422	163+73.69	83.892	775.698	F
423	163+75.37	84.978	775.618	FL
424	163+76.21	85.522	775.681	BC/DWF
425	163+78.58	85.557	775.724	DWF/LP
426	163+84.15	86.476	775.828	LP
427	163+87.31	88.742	775.906	DWF/GB/LP
428	163+80.18	73.973	775.763	F
429	163+81.86	75.069	775.683	FL
430	163+82.69	75.616	775.746	BC/DWF
431	163+80.71	73.164	775.769	F
432	163+82.39	74.259	775.689	FL
433	163+83.22	74.806	776.189	BC
434	163+85.06	75.651	775.781	DWF/GB/LP
435	163+88.64	71.863	775.822	DWF/LP
436	163+89.15	69.773	776.272	BC
437	163+89.01	68.783	775.772	FL
438	163+88.74	66.802	775.852	F
439	163+90.07	66.619	775.864	F
440	163+90.34	68.600	775.784	FL
441	163+90.52	69.536	775.845	BC/DWF
442	163+97.31	65.620	775.934	F
443	163+97.58	67.602	775.854	FL
444	163+97.76	68.539	775.941	BC/DWF
445	163+98.16	65.502	775.942	F
446	163+98.44	67.483	775.862	FL
447	163+98.57	68.474	776.362	BC
448	163+95.88	70.865	775.919	DWF/LP
449	163+92.52	75.010	775.892	LP
450	163+91.21	78.096	775.874	GB/LP
451	163+94.52	81.815	775.990	DWF/LP
452	163+95.90	83.258	776.020	BC/DWF
453	163+96.60	83.979	776.000	FL
454	163+97.98	85.421	775.920	F
455	163+99.49	83.976	775.937	F
456	163+98.10	82.533	776.017	FL
457	163+97.41	81.816	776.434	BC
458	163+90.77	92.349	775.836	F
459	163+89.38	90.906	775.916	FL
460	163+88.69	90.185	775.936	BC/DWF
461	163+87.23	91.593	776.316	BC
462	163+87.93	92.307	775.900	FL
463	163+89.33	93.733	775.820	F
464	163+81.77	101.161	775.732	F (MATCH)
465	163+80.42	99.788	775.813	FL (MATCH)
466	163+79.74	99.095	776.397	BC (MATCH)
467	164+15.17	63.157	776.106	F
468	164+17.03	66.503	776.143	F
469	164+14.12	65.314	776.154	FL
470	164+14.57	66.147	776.211	FL

LEGEND

L	LEVEL LANDING
BC	BACK OF CURB
DWF	DETECTABLE WARNING FIELD
F	FLANGE
FL	FLOWLINE
GB	GRADE BREAK
LP	LANDING PAD
R	RAMP
S	SIDEWALK

2





Point	Station	Offset	Elevation	Description
288	165+49.29	-95.997	776.160	F
289	165+51.15	-96.722	776.080	FL
290	165+52.08	-97.091	776.580	BC
291	165+50.31	-93.564	776.186	F
292	165+52.14	-94.391	776.106	FL
293	165+53.05	-94.805	776.168	BC/DWF
294	165+54.82	-95.727	776.198	DWF/LP
295	165+59.26	-98.033	776.273	LP
296	165+61.56	-93.597	776.326	LP
297	165+57.13	-91.291	776.251	DWF/LP
298	165+55.35	-90.368	776.221	BC/DWF
299	165+54.49	-89.861	776.159	FL
300	165+52.77	-88.845	776.239	F
301	165+54.41	-86.249	776.270	F
302	165+56.06	-87.368	776.190	FL
303	165+56.89	-87.928	776.690	BC
304	165+62.90	-76.605	776.398	F (MATCH)
305	165+64.13	-78.008	776.246	FL (MATCH)
306	165+64.79	-78.745	776.675	BC (MATCH)

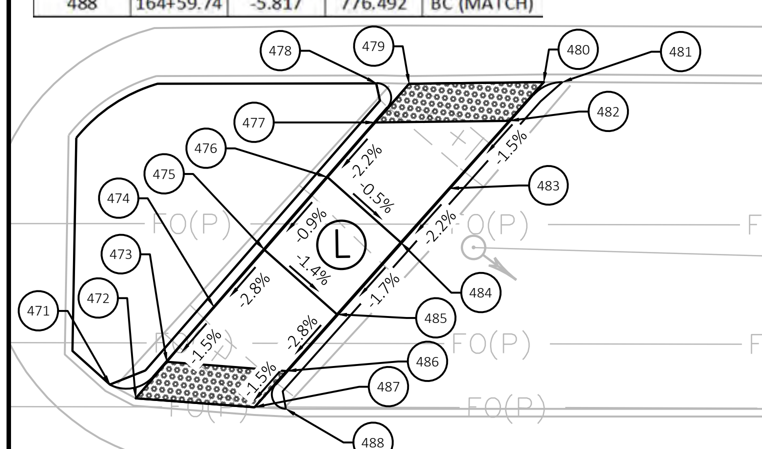
MILWAUKEE AVE

Point	Station	Offset	Elevation	Description
471	164+50.58	-7.078	776.292	BC (MATCH)
472	164+51.91	-6.377	776.087	BC/DWF (MATCH)
473	164+53.53	-8.261	776.124	DWF/LP
474	164+56.00	-11.104	776.181	GB/LP
475	164+58.62	-14.107	776.292	GB/LP
476	164+61.90	-17.877	776.337	GB/LP
477	164+64.38	-20.725	776.420	DWF/GB/LP
478	164+64.45	-22.774	776.886	BC (MATCH)
479	164+66.15	-22.748	776.460	BC/DWF (MATCH)
480	164+73.16	-22.839	776.503	BC/DWF (MATCH)
481	164+74.13	-22.831	776.716	BC (MATCH)
482	164+71.36	-20.815	776.462	DWF/LP
483	164+68.24	-17.300	776.392	GB/LP
484	164+65.72	-14.476	776.309	GB/LP
485	164+62.40	-10.740	776.225	GB/LP
486	164+59.77	-7.788	776.111	DWF/GB/LP
487	164+58.10	-5.909	776.073	BC/DWF (MATCH)
488	164+59.74	-5.817	776.492	BC (MATCH)

Point	Station	Offset	Elevation	Description
225	164+85.58	-69.033	776.316	F
226	164+87.17	-67.821	776.236	FL
227	164+87.96	-67.215	776.736	BC
228	164+88.48	-68.055	776.288	BC/DWF
229	164+87.76	-68.604	776.231	FL
230	164+86.17	-69.816	776.311	F
231	164+90.57	-75.857	776.276	F
232	164+92.17	-74.649	776.196	FL
233	164+92.96	-74.045	776.259	BC/DWF
234	164+95.45	-74.039	776.296	DWF/GB/LP
235	164+94.21	-75.694	776.687	BC
236	164+93.42	-76.299	776.187	FL
237	164+91.82	-77.507	776.267	F
238	164+90.98	-68.049	776.326	DWF/LP
239	164+95.44	-68.039	776.393	GB/LP
240	165+15.90	-77.007	776.956	BC
241	165+16.93	-76.027	776.568	BC/DWF
242	165+17.61	-76.700	776.548	FL
243	165+16.61	-77.711	776.539	FL
244	165+18.03	-79.121	776.459	F
245	165+19.03	-78.109	776.468	F

Point	Station	Offset	Elevation	Description
246	165+12.10	-74.118	776.557	LP
247	165+07.17	-74.012	776.508	GB/LP
248	165+07.15	-67.672	776.589	LP
249	165+06.30	-67.248	776.595	GB
250	165+15.08	-75.064	776.589	DWF/LP
251	165+06.13	-66.001	776.576	GB/LP
252	165+03.08	-62.692	776.509	DWF/LP
253	165+01.18	-60.630	776.467	BC/DWF
254	165+00.37	-60.660	776.903	BC
255	165+00.44	-59.661	776.403	FL
256	165+01.20	-59.673	776.406	FL
257	165+00.49	-57.351	776.483	F
258	165+01.30	-57.382	776.487	F
259	165+08.32	-57.649	776.519	F
260	165+10.71	-57.741	776.531	F
261	165+10.62	-59.858	776.450	FL
262	165+08.21	-59.782	776.439	FL
263	165+08.20	-60.856	776.525	BC/DWF
264	165+10.58	-60.858	776.950	BC
265	165+10.10	-62.918	776.567	DWF/LP
266	165+11.11	-64.019	776.589	GB/LP

Point	Station	Offset	Elevation	Description
267	165+14.50	-67.695	776.599	GB/LP
268	165+17.39	-70.513	776.639	LP
269	165+18.73	-71.325	776.623	DWF/LP
270	165+20.58	-72.280	776.603	BC
271	165+21.65	-71.194	777.009	BC
272	165+22.36	-71.894	776.593	FL
273	165+21.29	-72.982	776.583	FL
274	165+22.71	-74.387	776.503	F
275	165+23.78	-73.301	776.512	F
276	165+02.56	-92.510	776.323	F
277	165+04.91	-92.323	776.338	F
278	165+03.55	-90.425	776.303	FL
279	165+04.01	-90.388	776.328	FL
280	165+35.29	-61.626	776.619	F
281	165+34.22	-58.637	776.640	F
282	165+32.98	-61.119	776.691	FL
283	165+32.81	-60.643	776.691	FL
284	164+80.09	-56.573	776.388	F
285	164+78.16	-59.302	776.372	F
286	164+81.09	-58.629	776.303	FL
287	164+80.58	-59.349	776.296	FL



LEGEND

L	LEVEL LANDING
BC	BACK OF CURB
DWF	DETECTABLE WARNING FIELD
F	FLANGE
FL	FLOWLINE
GB	GRADE BREAK
LP	LANDING PAD
R	RAMP
S	SIDEWALK

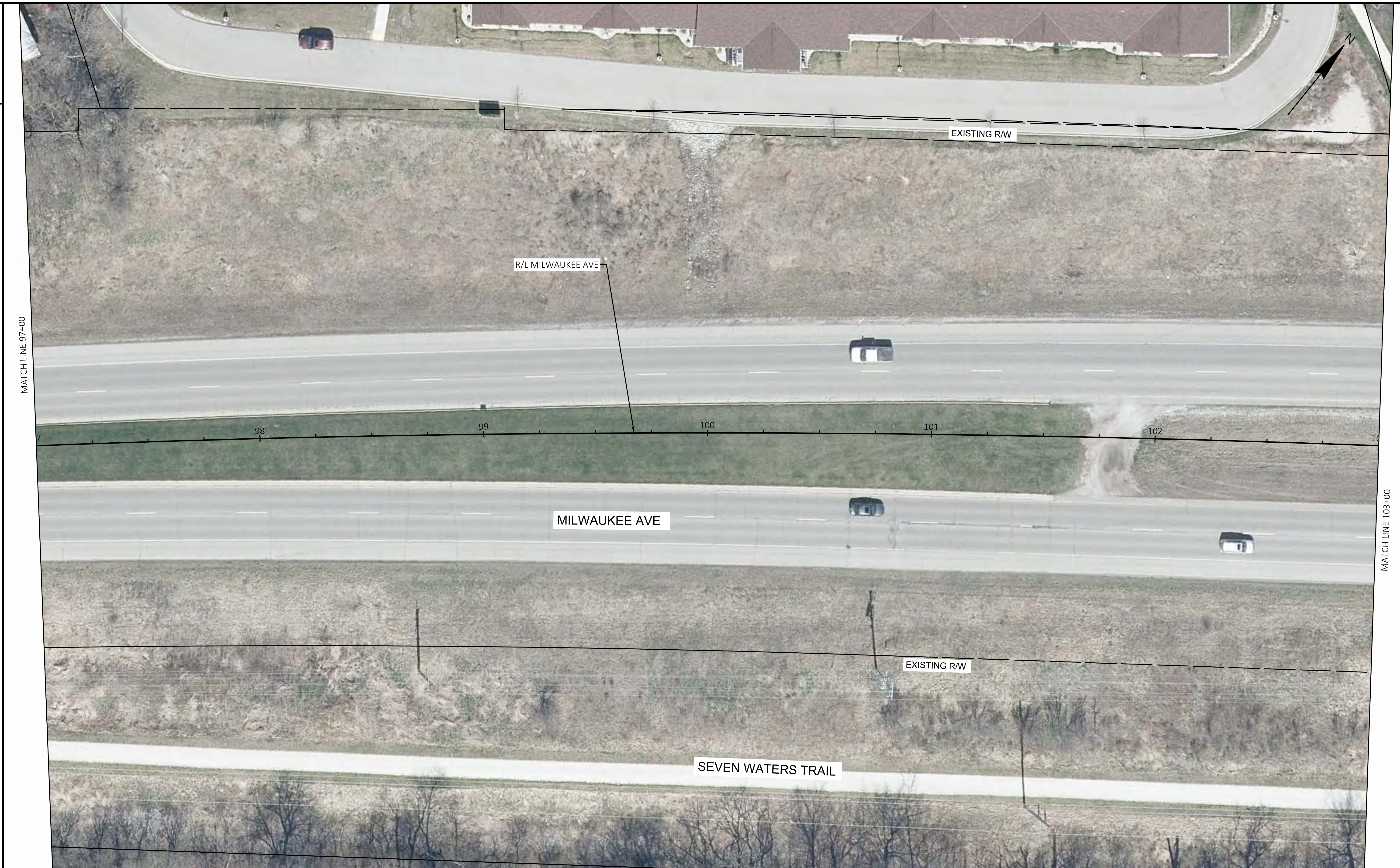
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 43	E

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 44	E

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 45	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023001-UP.DWG PLOT DATE : 7/27/2022 8:27 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
LAYOUT NAME - PD18

2



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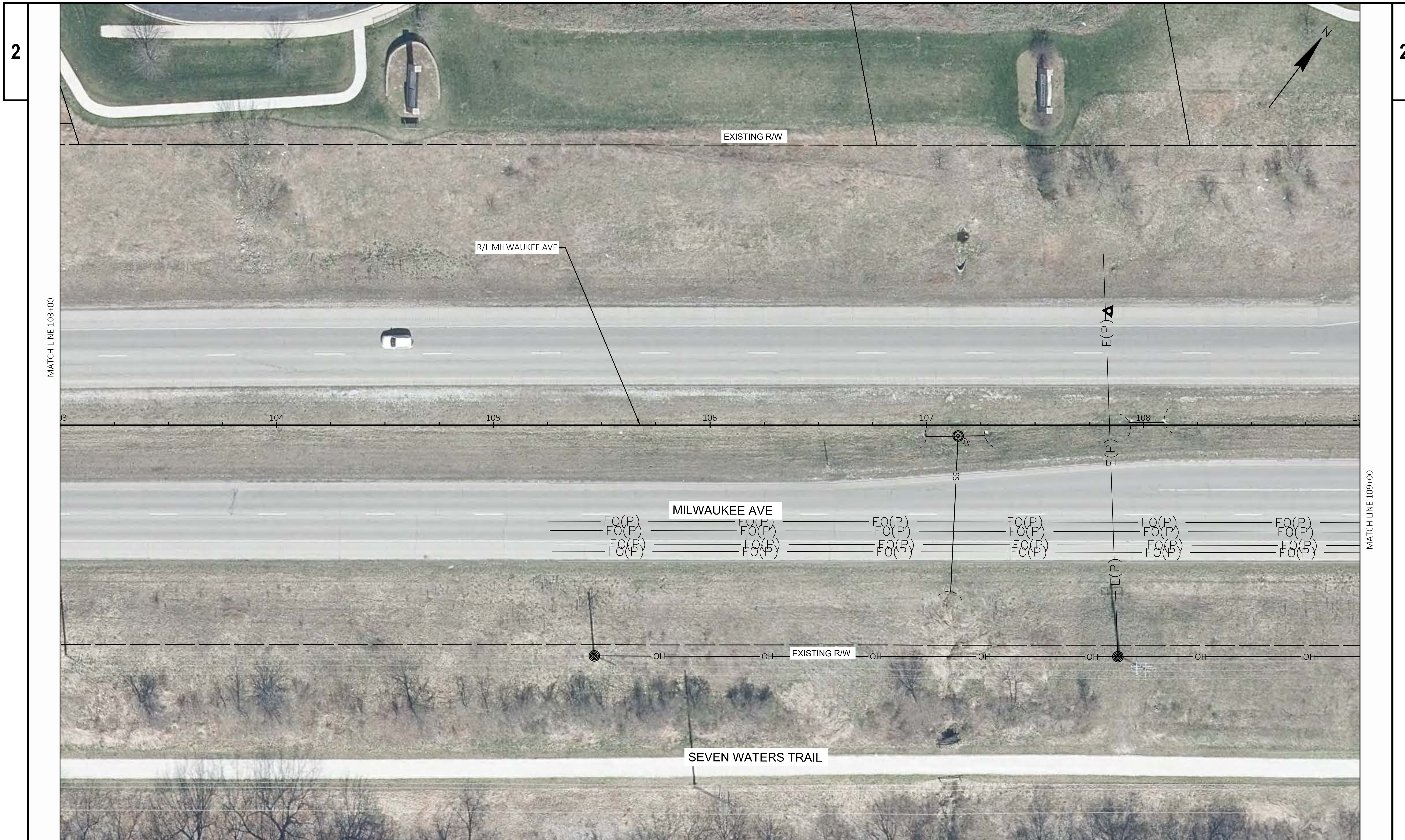
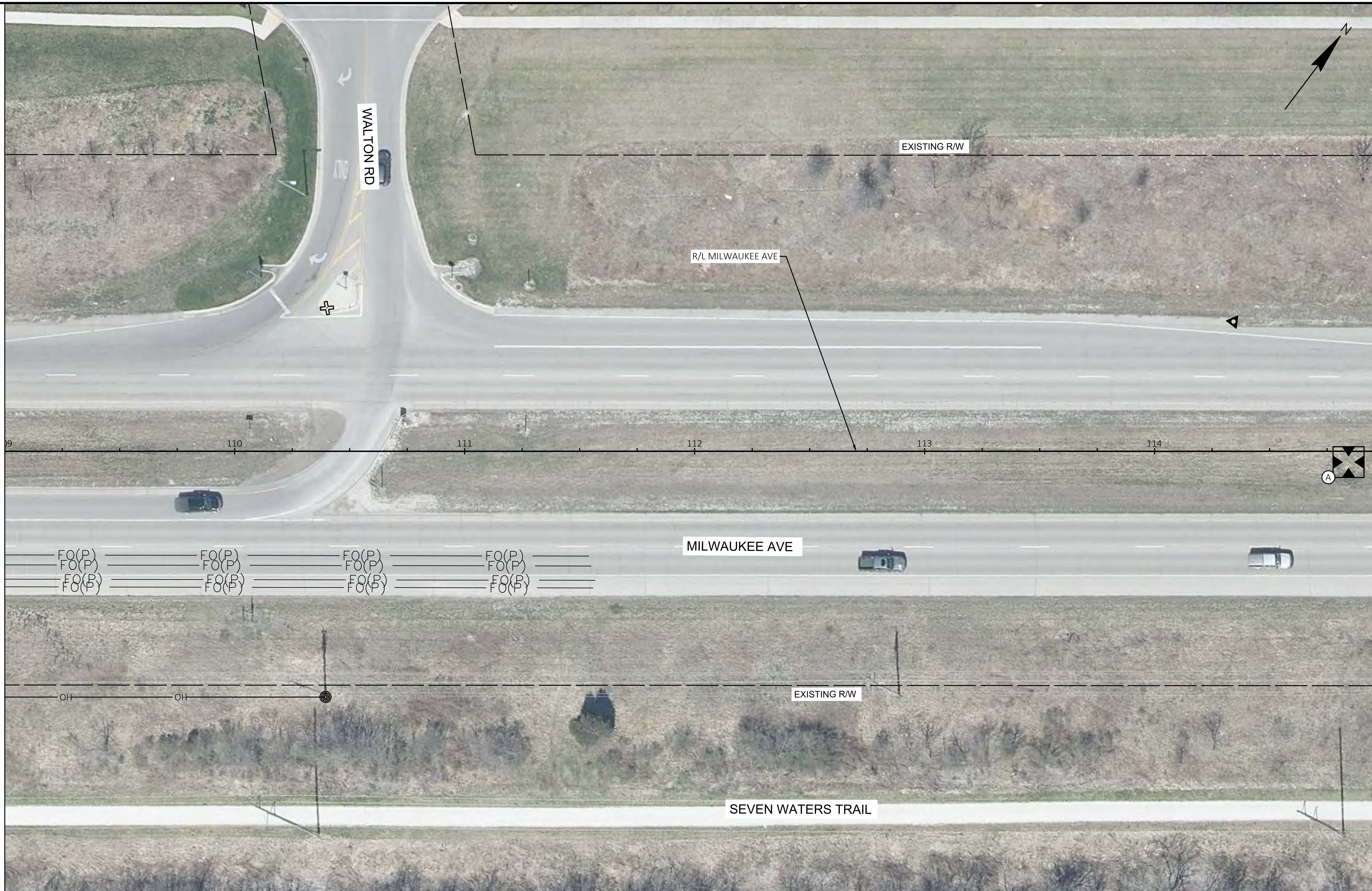
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 46	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - PD19
PLOT DATE : 7/27/2022 8:28 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 47	E

2

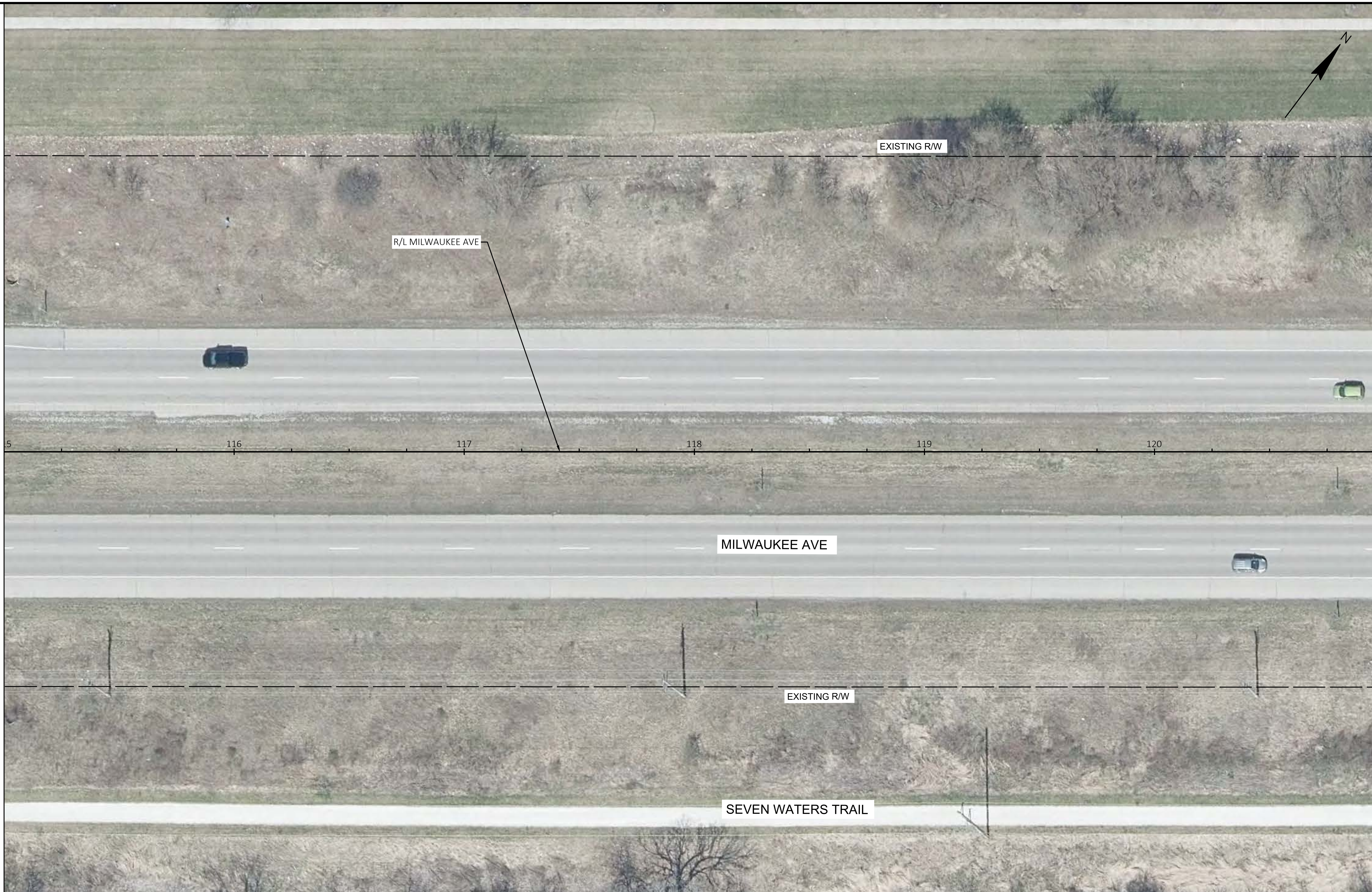


2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 48	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - PD21
PLOT DATE : 7/27/2022 8:29 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 49	E

2

MATCH LINE 121+00

MATCH LINE 127+00

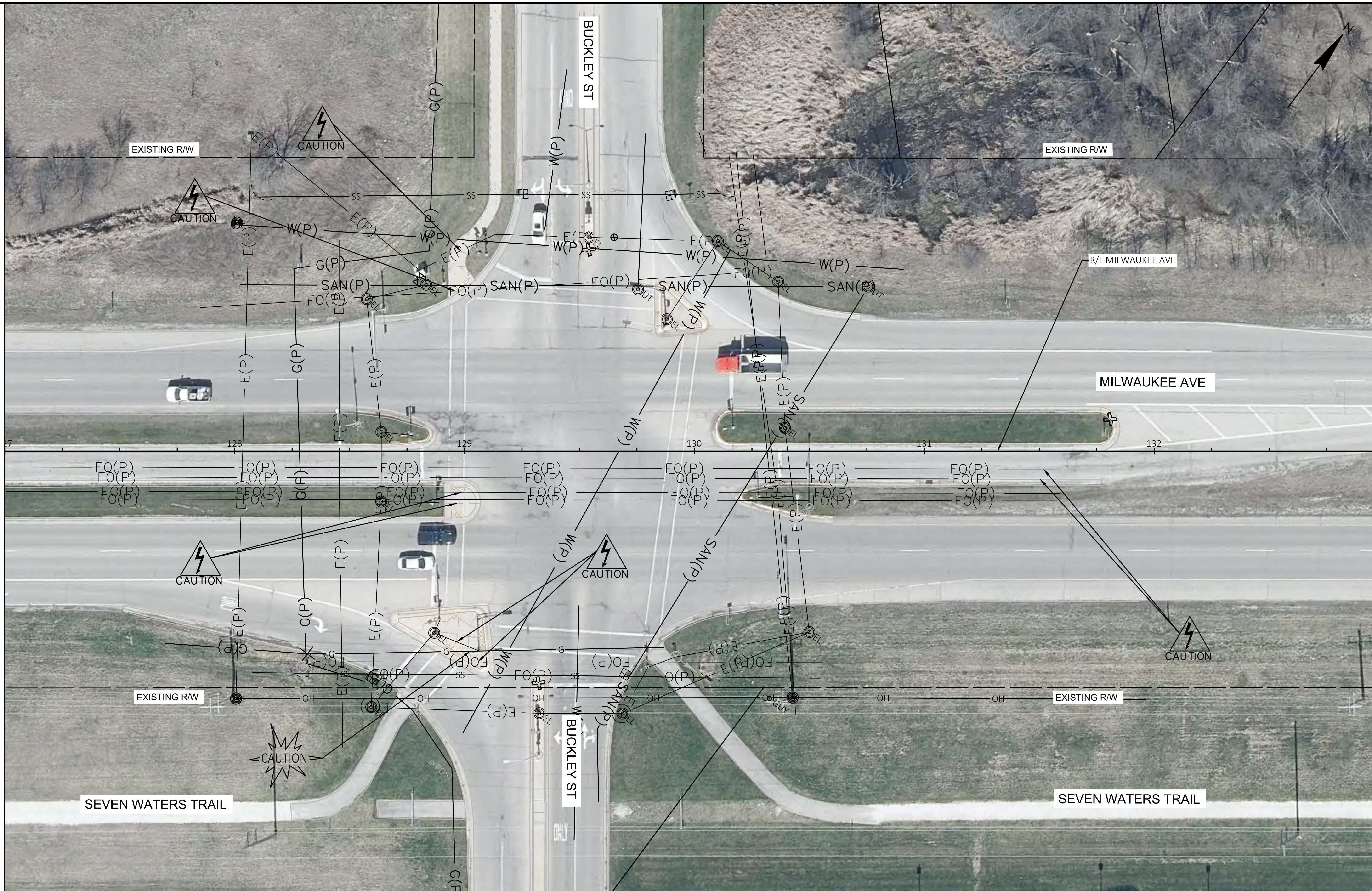
2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 50	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - PD23
PLOT DATE : 7/27/2022 8:30 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

MATCH LINE 127+00

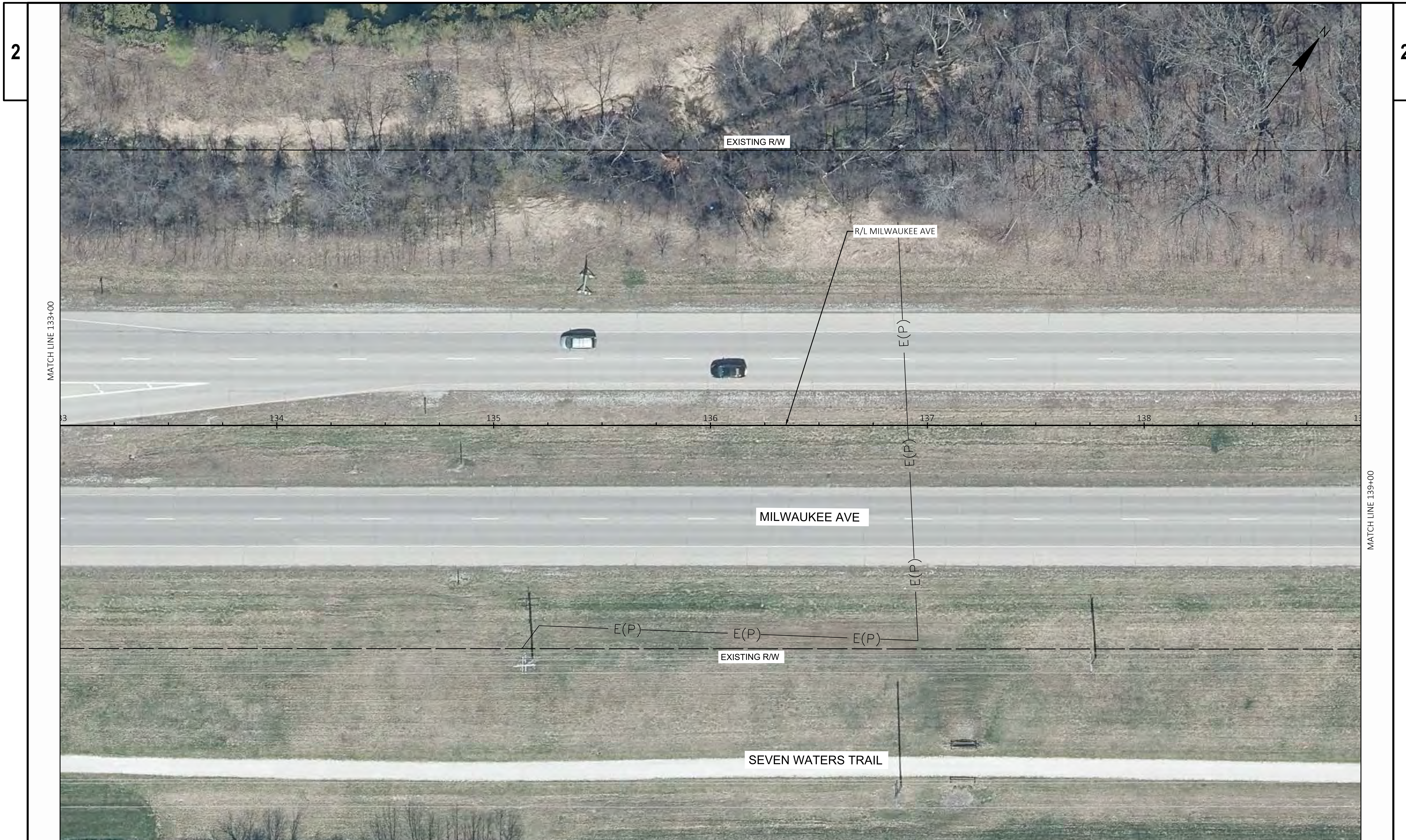


MATCH LINE 133+00

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 51	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - PD24
PLOT DATE : 7/27/2022 8:30 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 52	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - PD25
PLOT DATE : 7/27/2022 8:30 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 53	E

2

MATCH LINE 145+00

MATCH LINE 151+00

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 54	E

2

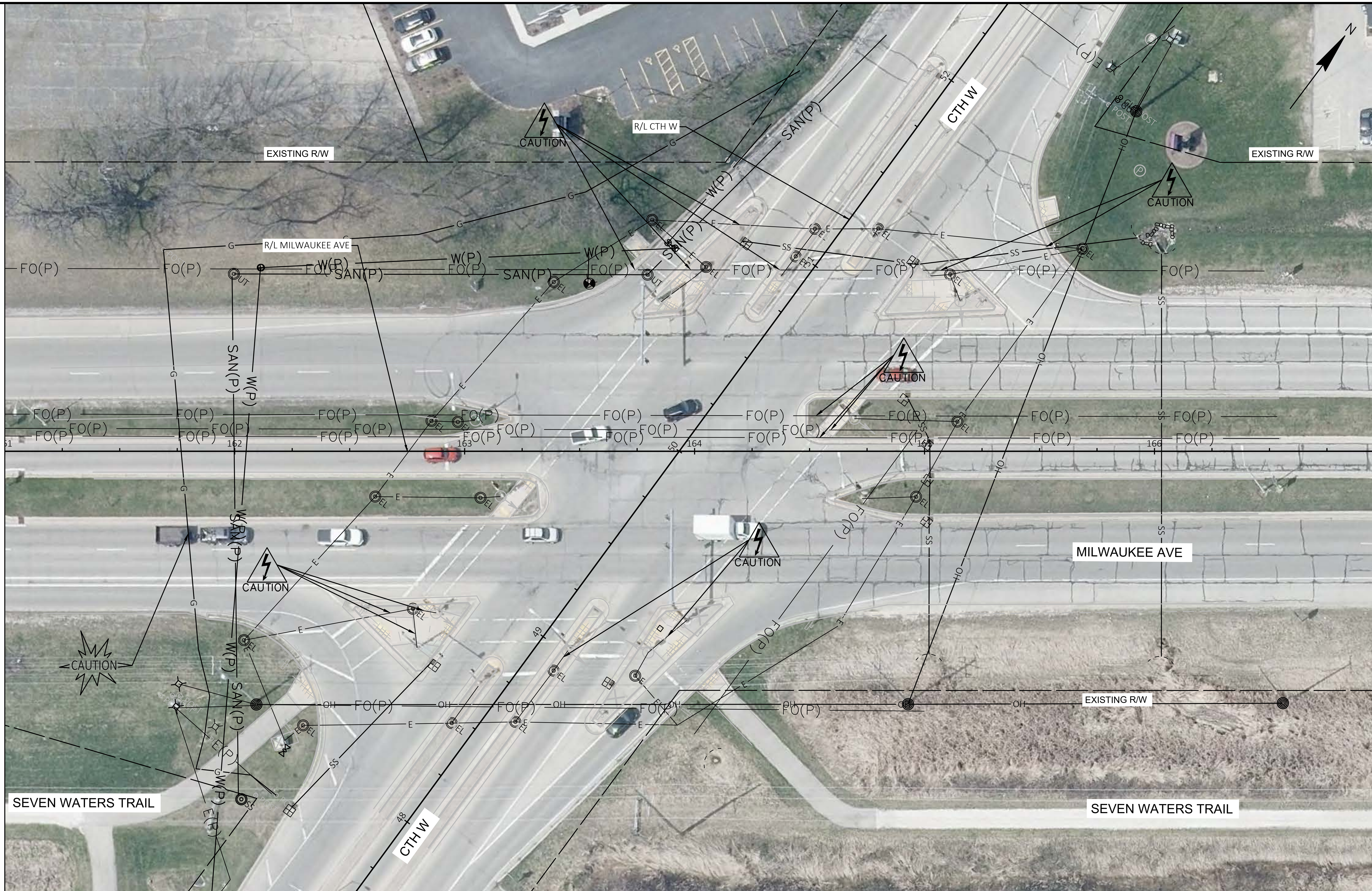
2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 55	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - PD28
PLOT DATE : 7/27/2022 8:32 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 56	E

2



2

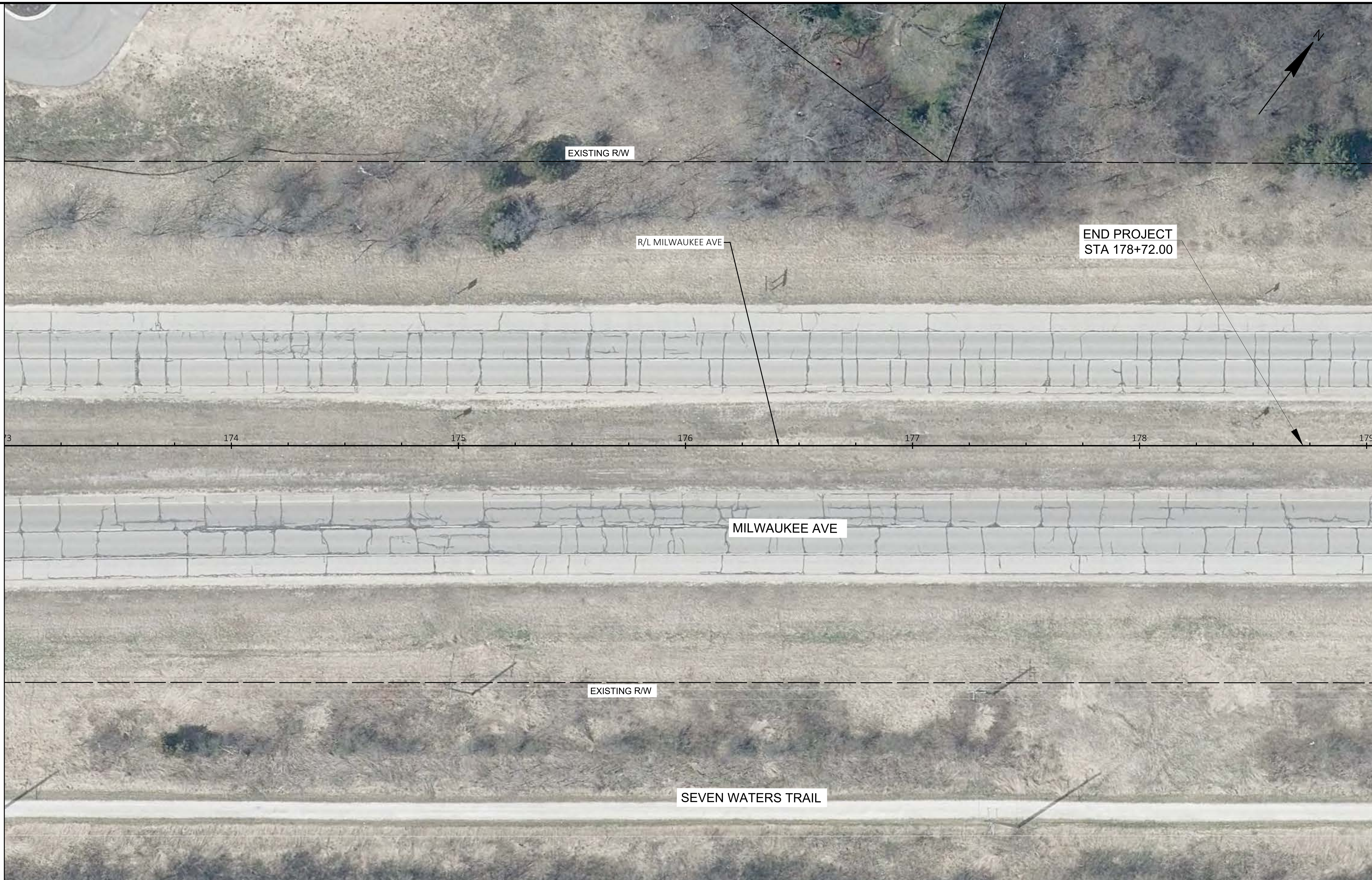
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 57	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - PD30
PLOT DATE : 7/27/2022 8:32 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 58	E

2

MATCH LINE 173+00

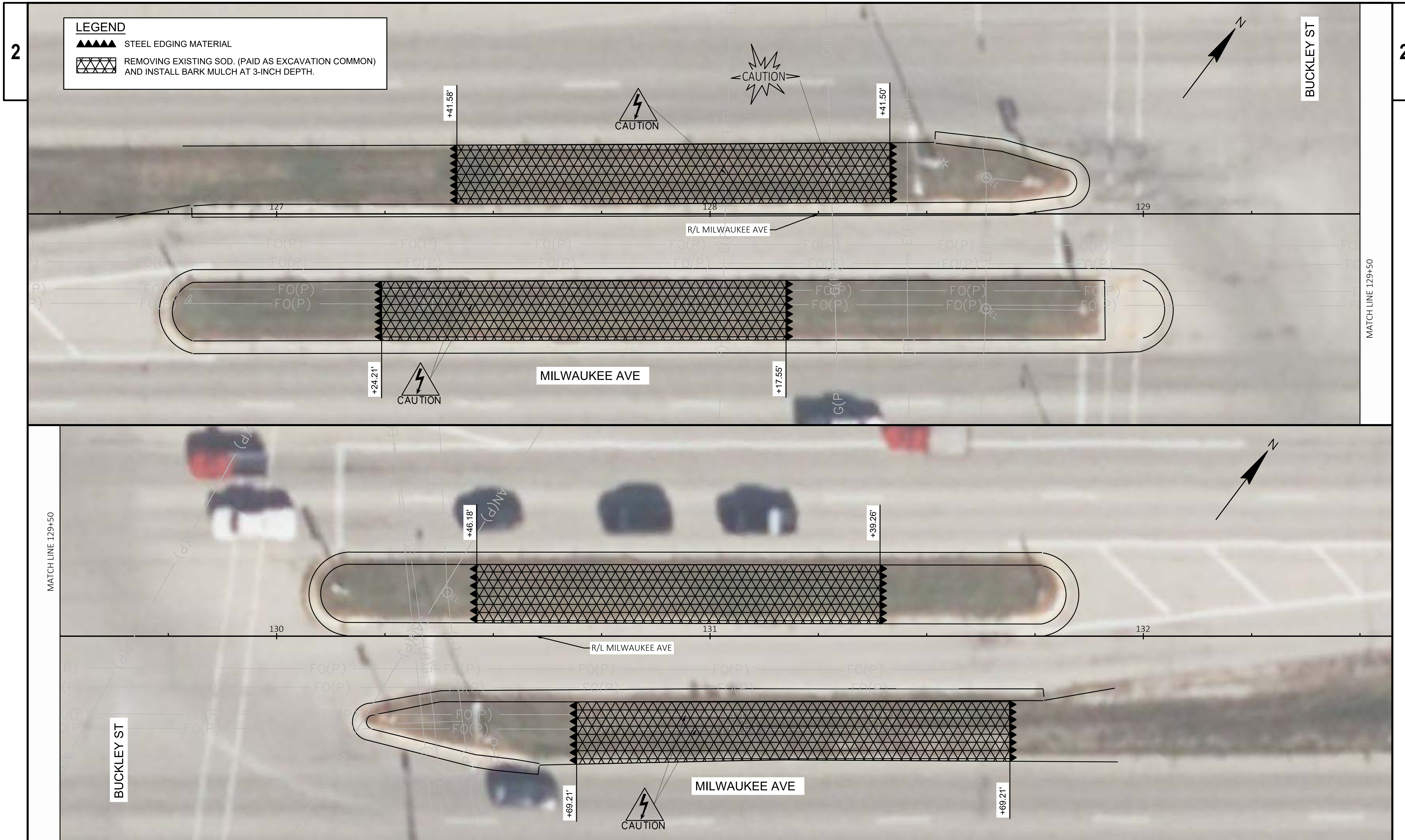


2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	EXISTING UTILITY PLAN	SHEET 59	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - PD32

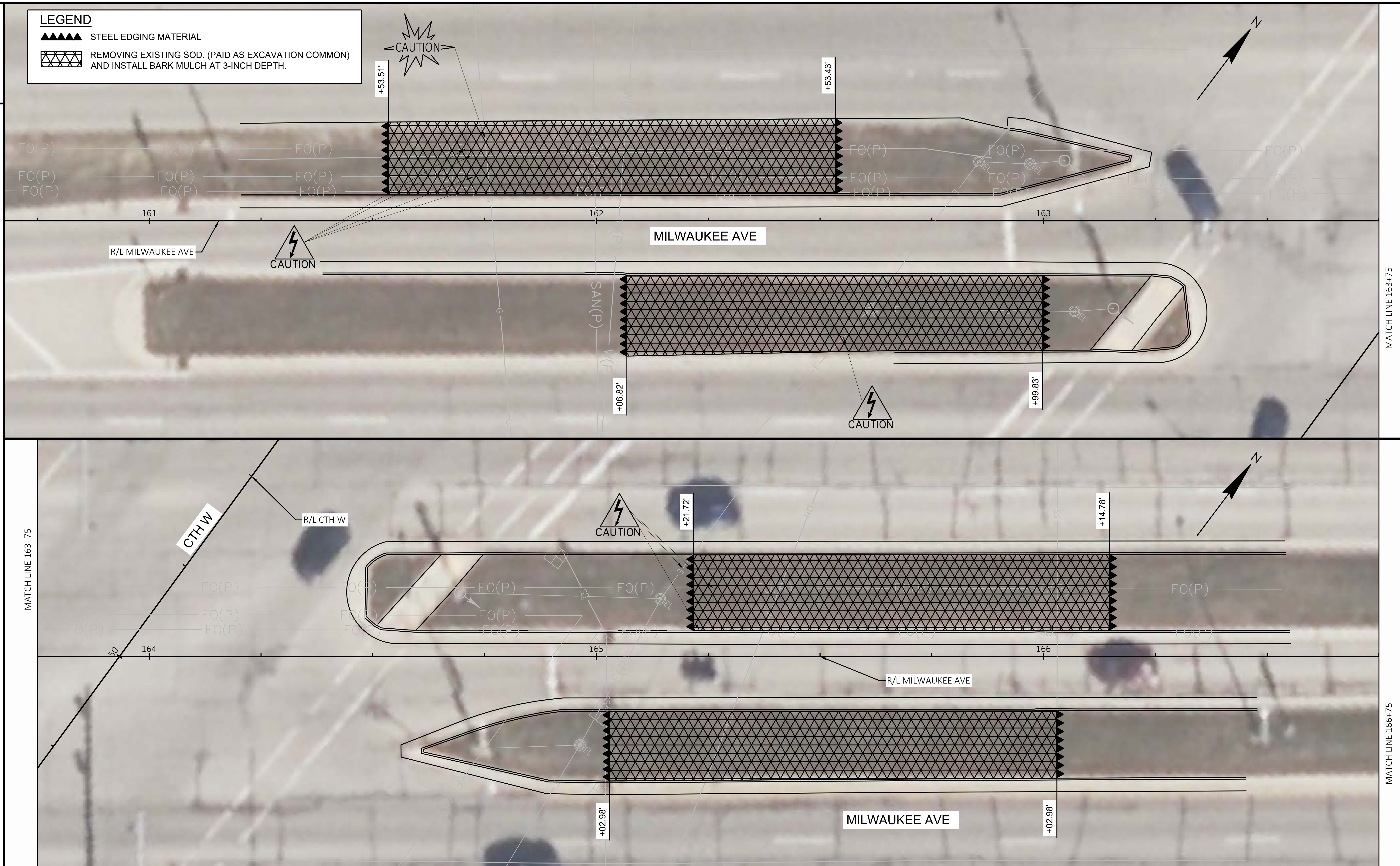
PLOT DATE : 7/27/2022 8:33 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLANTING	SHEET 60	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023101-PL.DWG
LAYOUT NAME - PL6
PLOT DATE : 7/27/2022 8:34 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 44

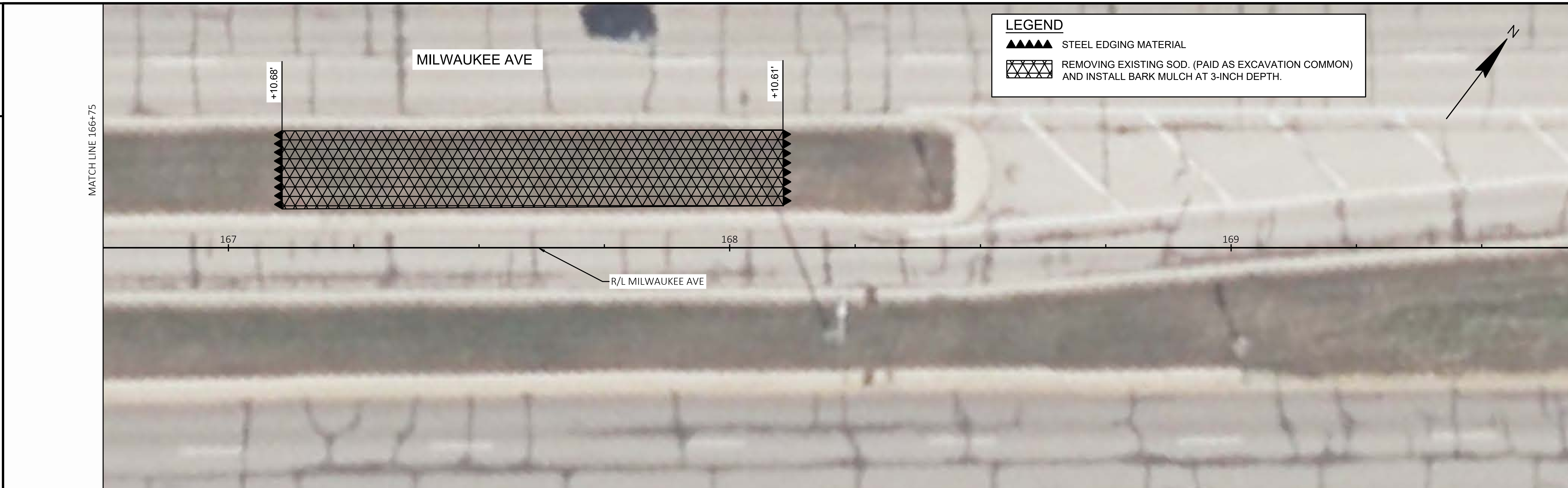
2



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLANTING	SHEET 61	E

2



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PLANTING	SHEET 62	E

2

SIGNING LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON EXISTING POST(S)
	EXISTING SIGN MOUNTED ON EXISTING POST(S)
RXXX	EXISTING SIGN TO BE REMOVED
MXXX	EXISTING SIGN TO BE MOVED
PXXX	PROPOSED SIGN
ETR	EXISTING SIGN TO REMAIN
*	NEW WOOD POST REQUIRED

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 64	E

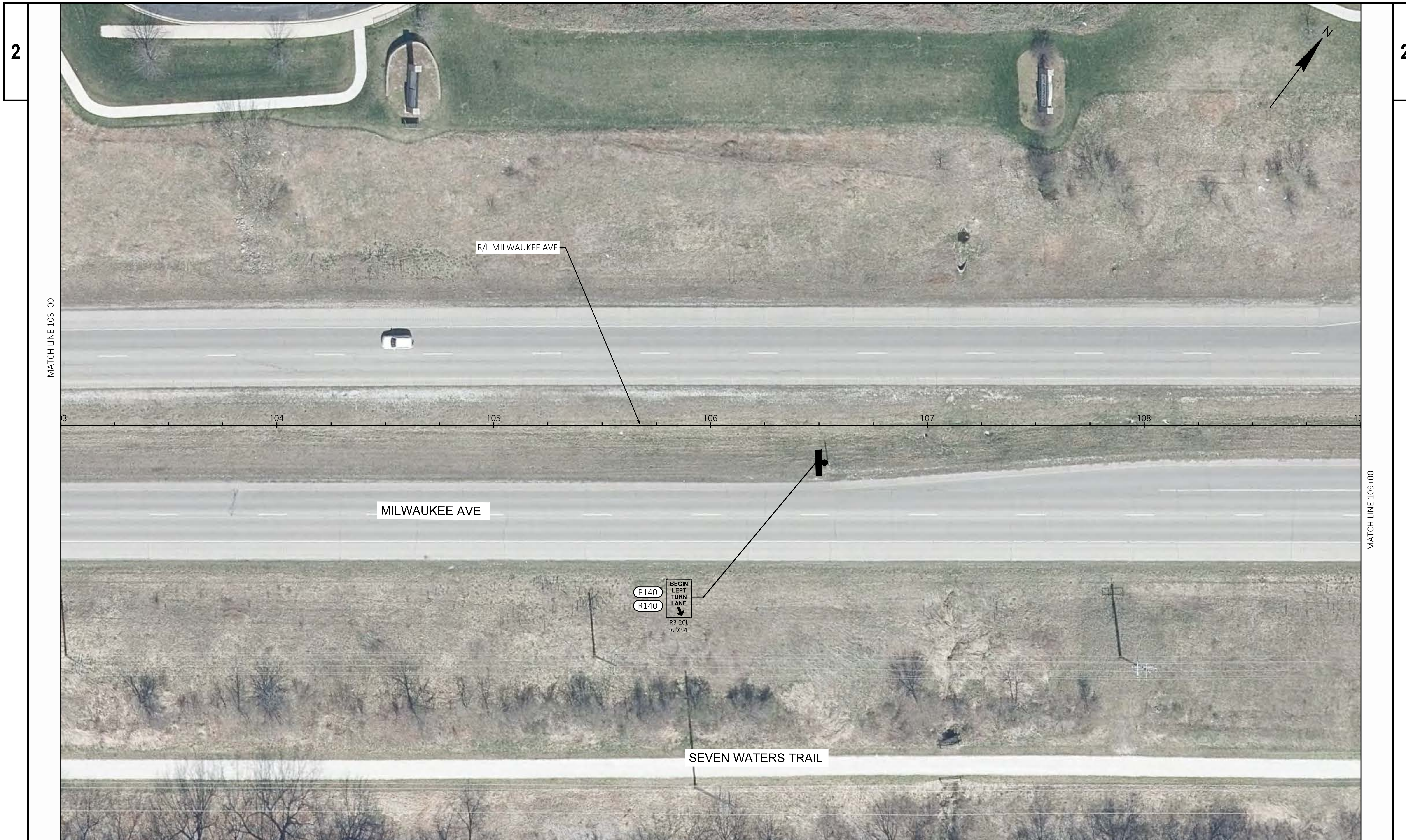
FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - PS17
PLOT DATE : 7/27/2022 8:34 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 65	E

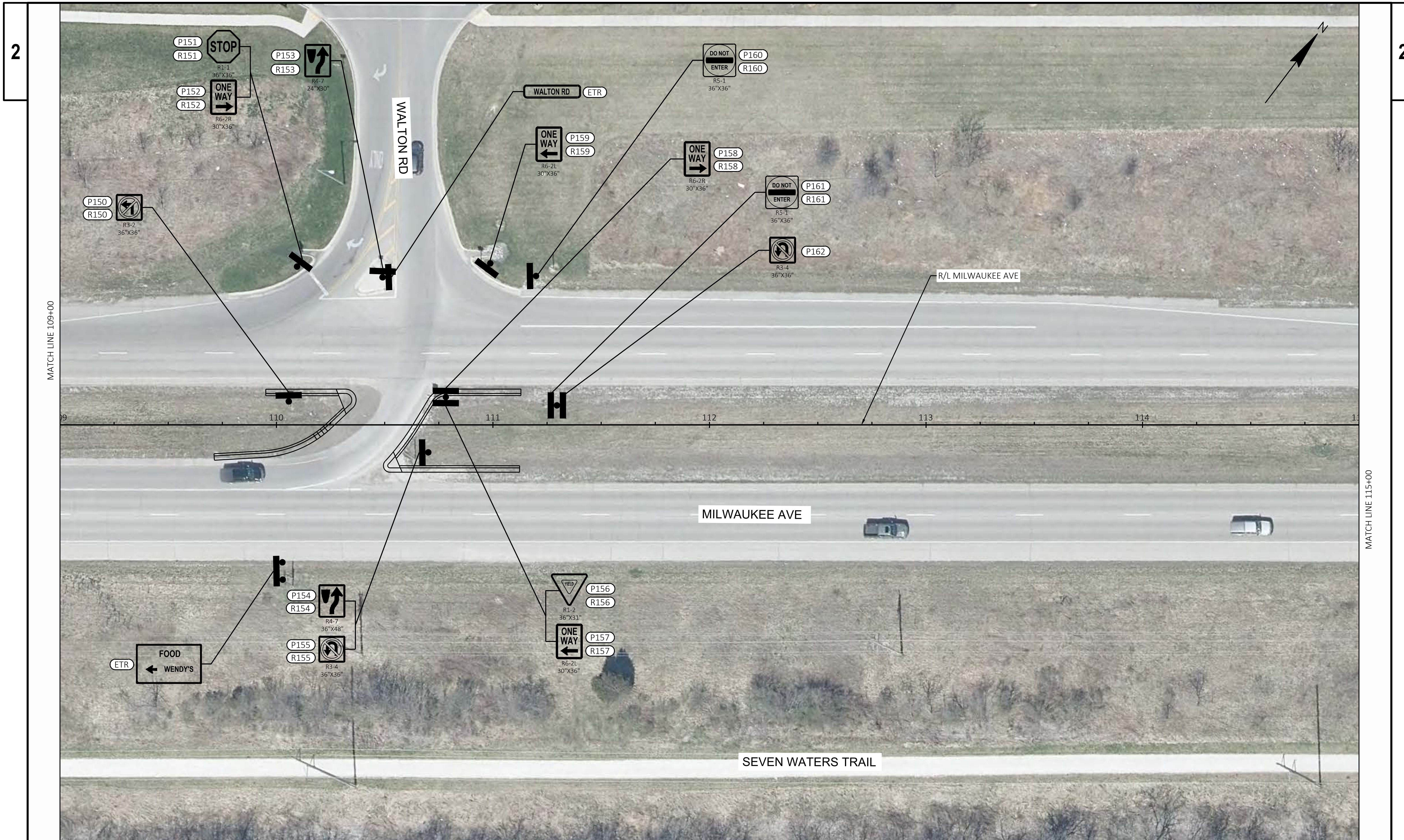
FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - PS18
PLOT DATE : 7/27/2022 8:34 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 66	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - PS19
PLOT DATE : 7/27/2022 8:35 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

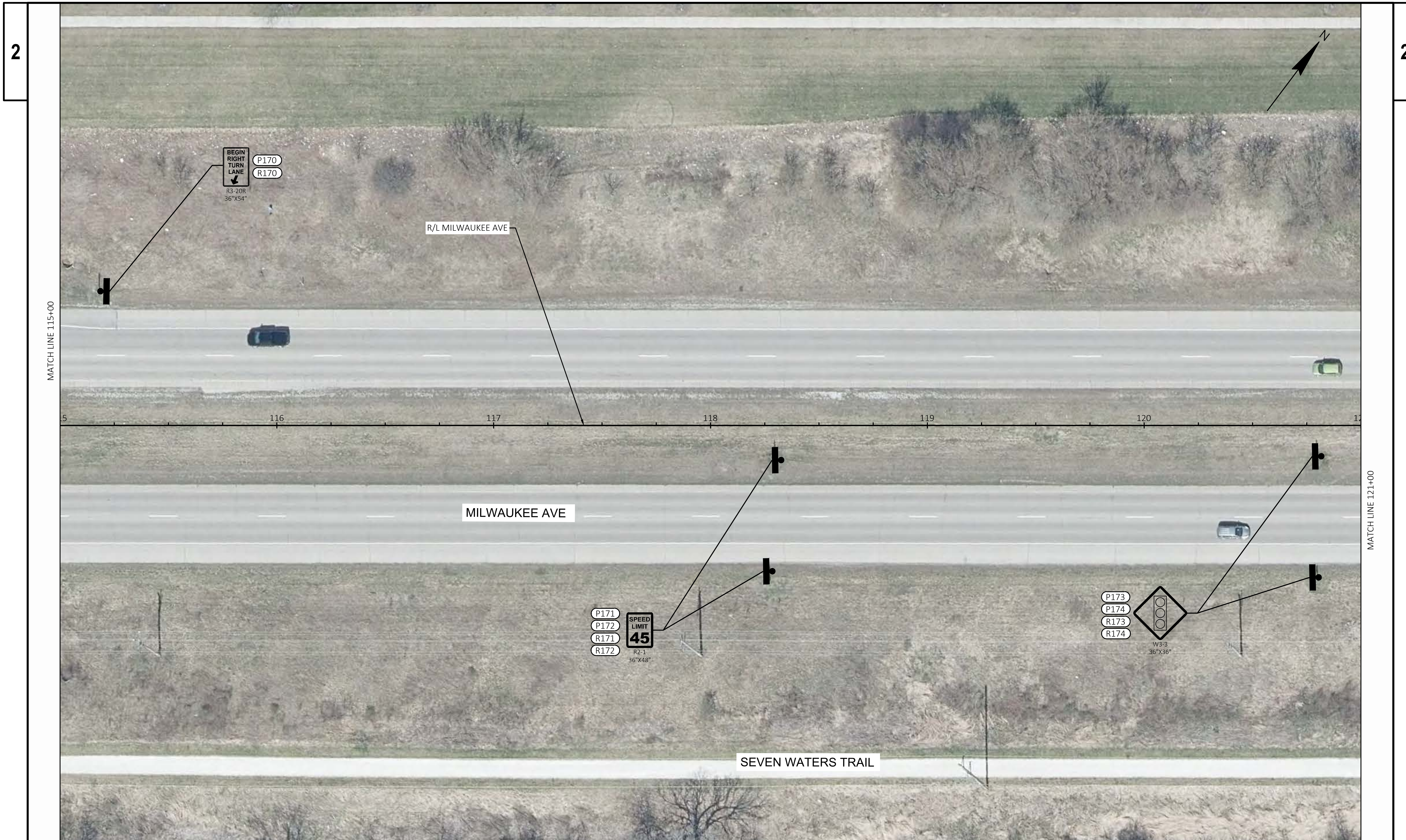


PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 67 E



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 68	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - PS21
PLOT DATE : 7/27/2022 8:35 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 69	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - PS22
PLOT DATE : 7/27/2022 8:35 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

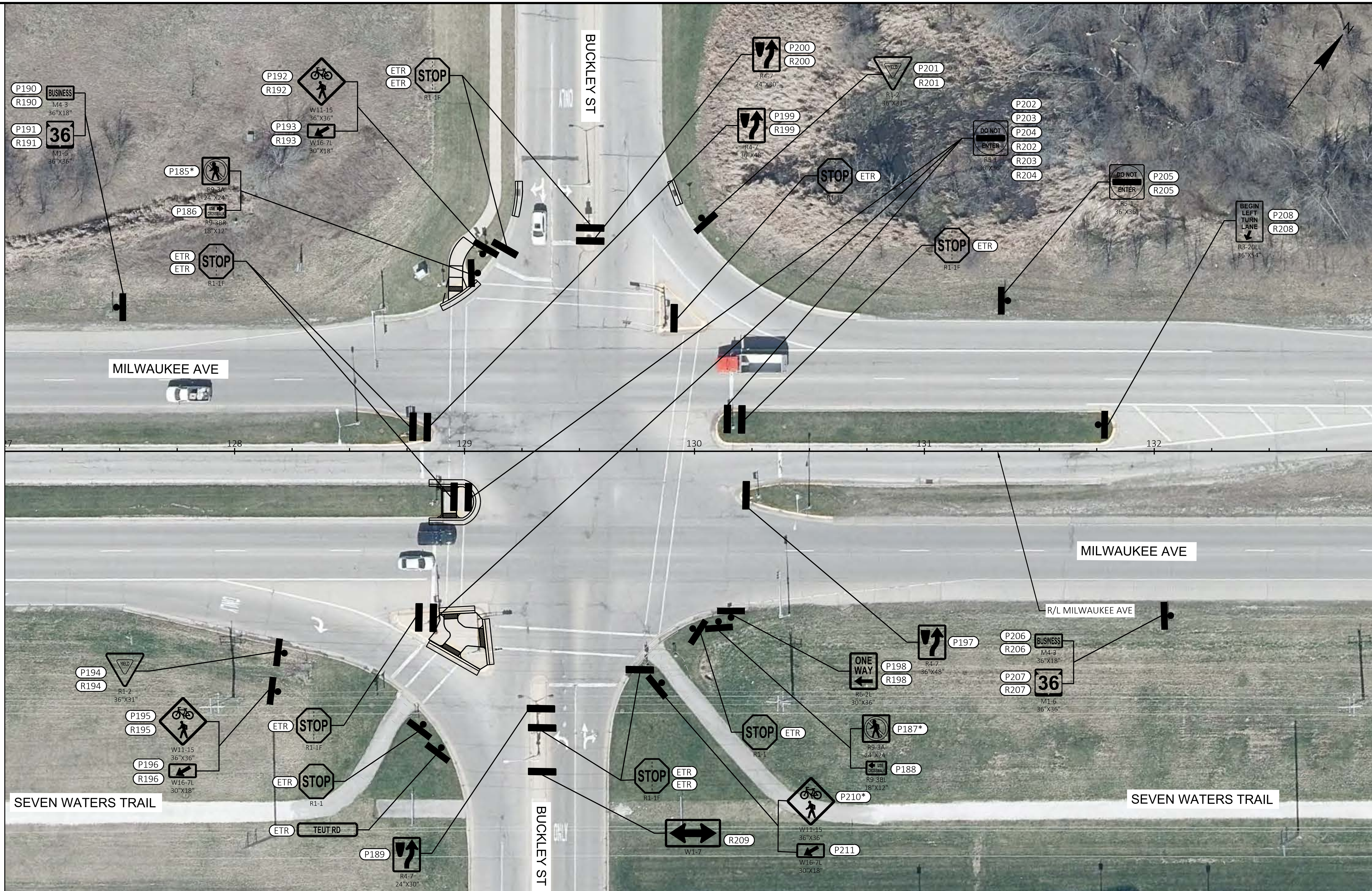
2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 70	E

2

2

MATCH LINE 127+00



MATCH LINE 133+00

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 71	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - PS24
PLOT DATE : 7/27/2022 8:35 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 72	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - PS25
PLOT DATE : 7/27/2022 8:36 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

MATCH LINE 139+00

MATCH LINE 145+00

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 73 E

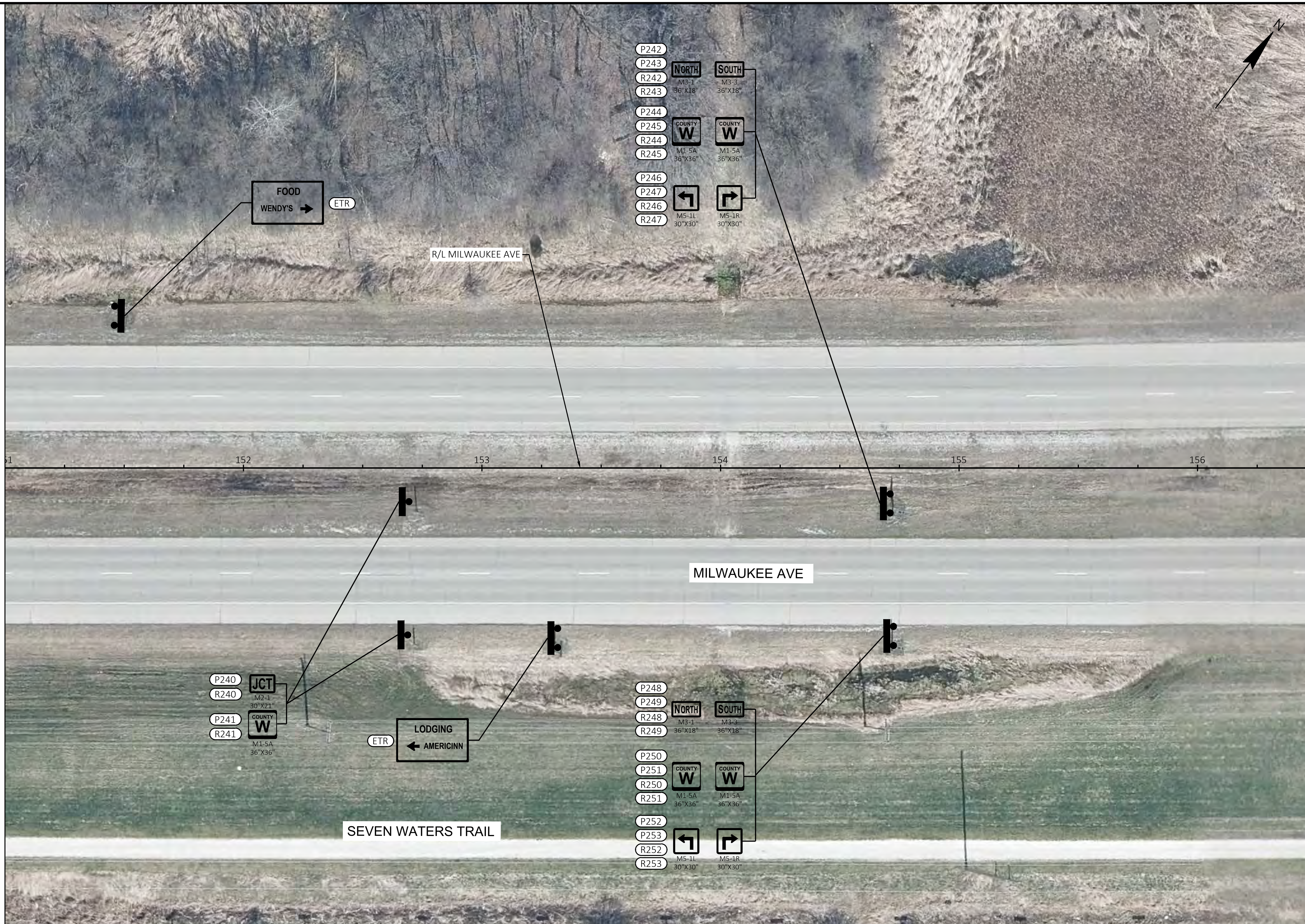
FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - PS26
PLOT DATE : 7/27/2022 8:36 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 74	E

2



MATCH LINE 151+00

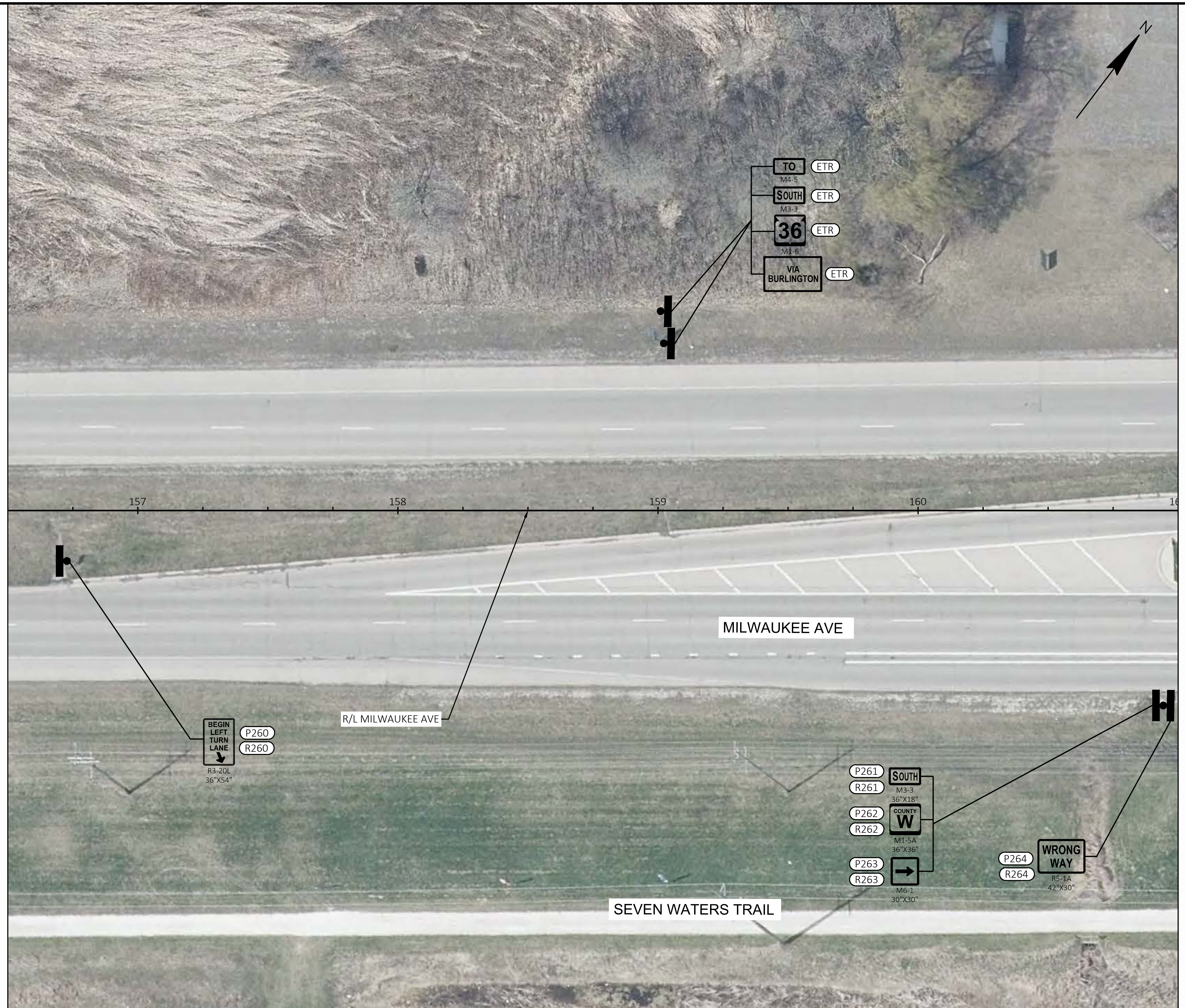
MATCH LINE 156+50

2

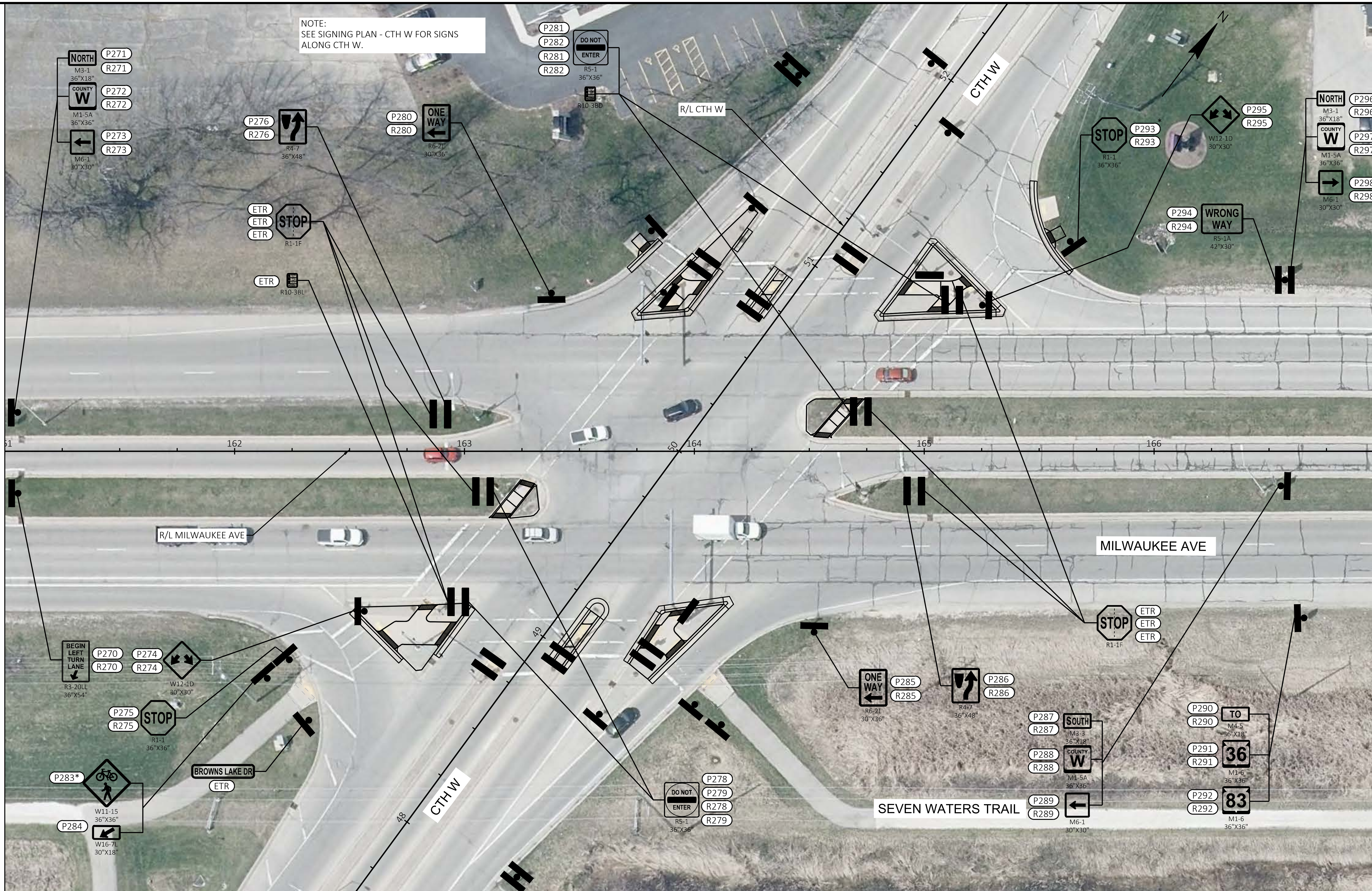
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 75	E

2

2



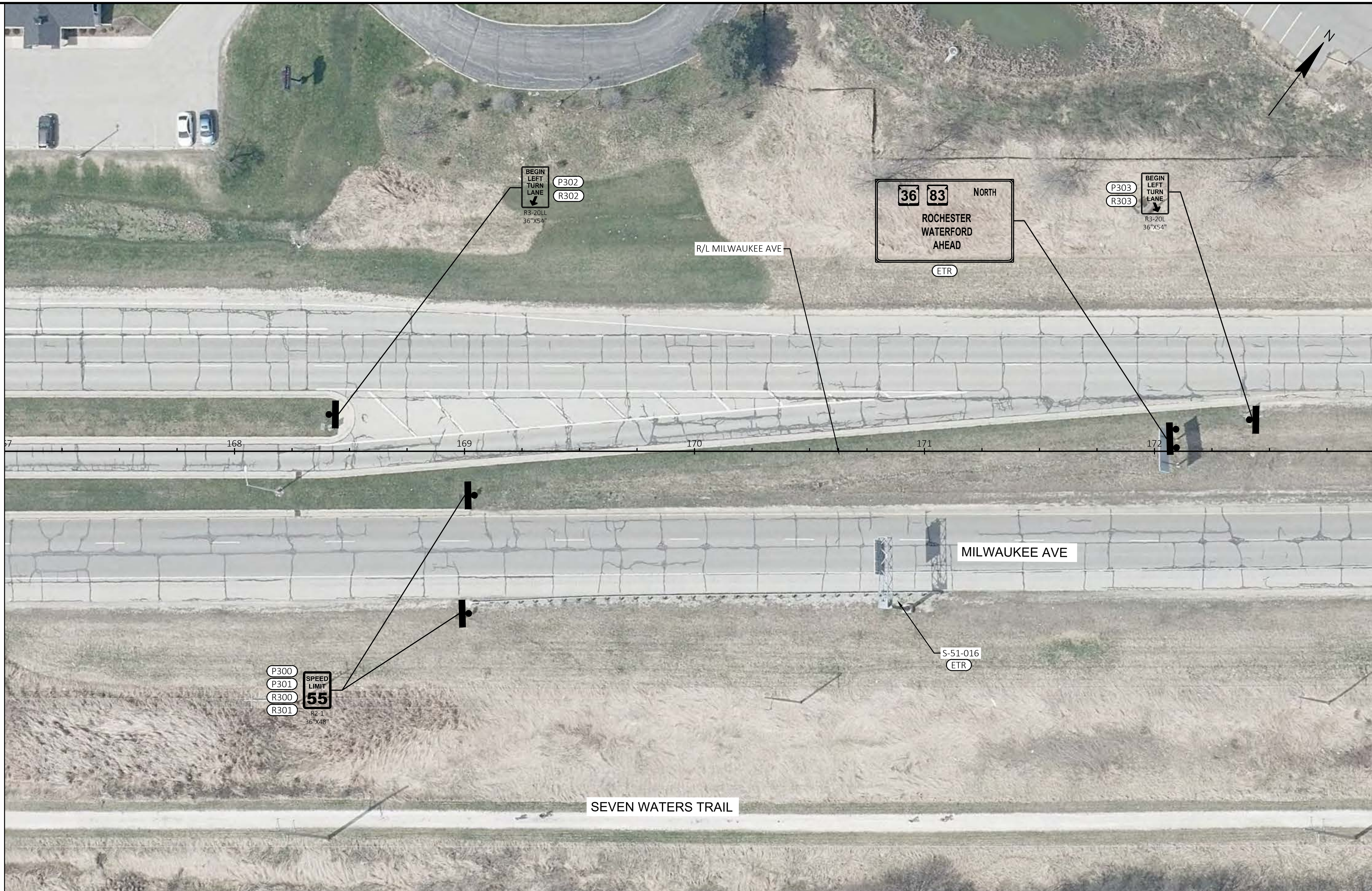
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 76	E



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 77	E

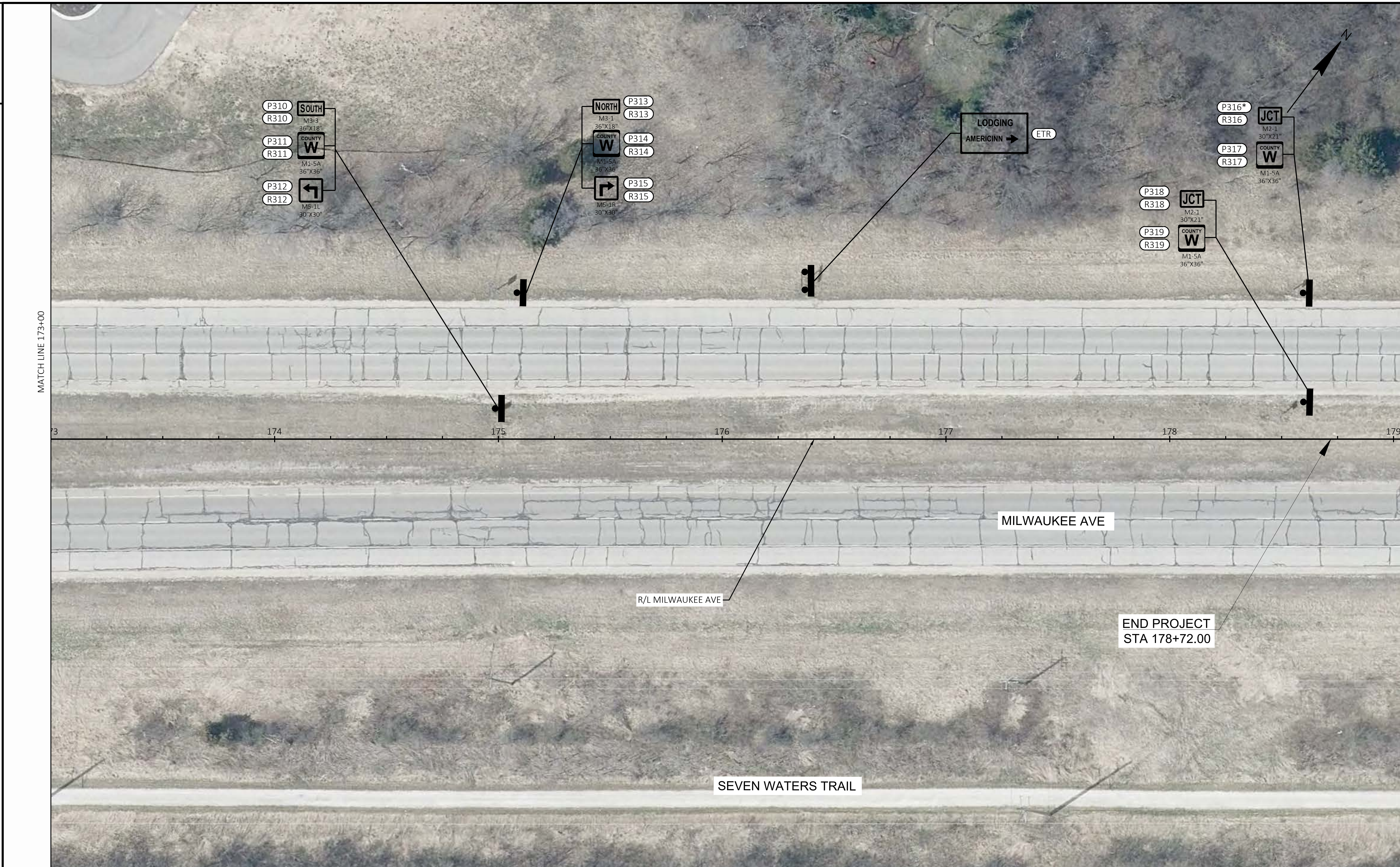
FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023201-PS.DWG PLOT DATE : 7/27/2022 8:36 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - PS30



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 78	E

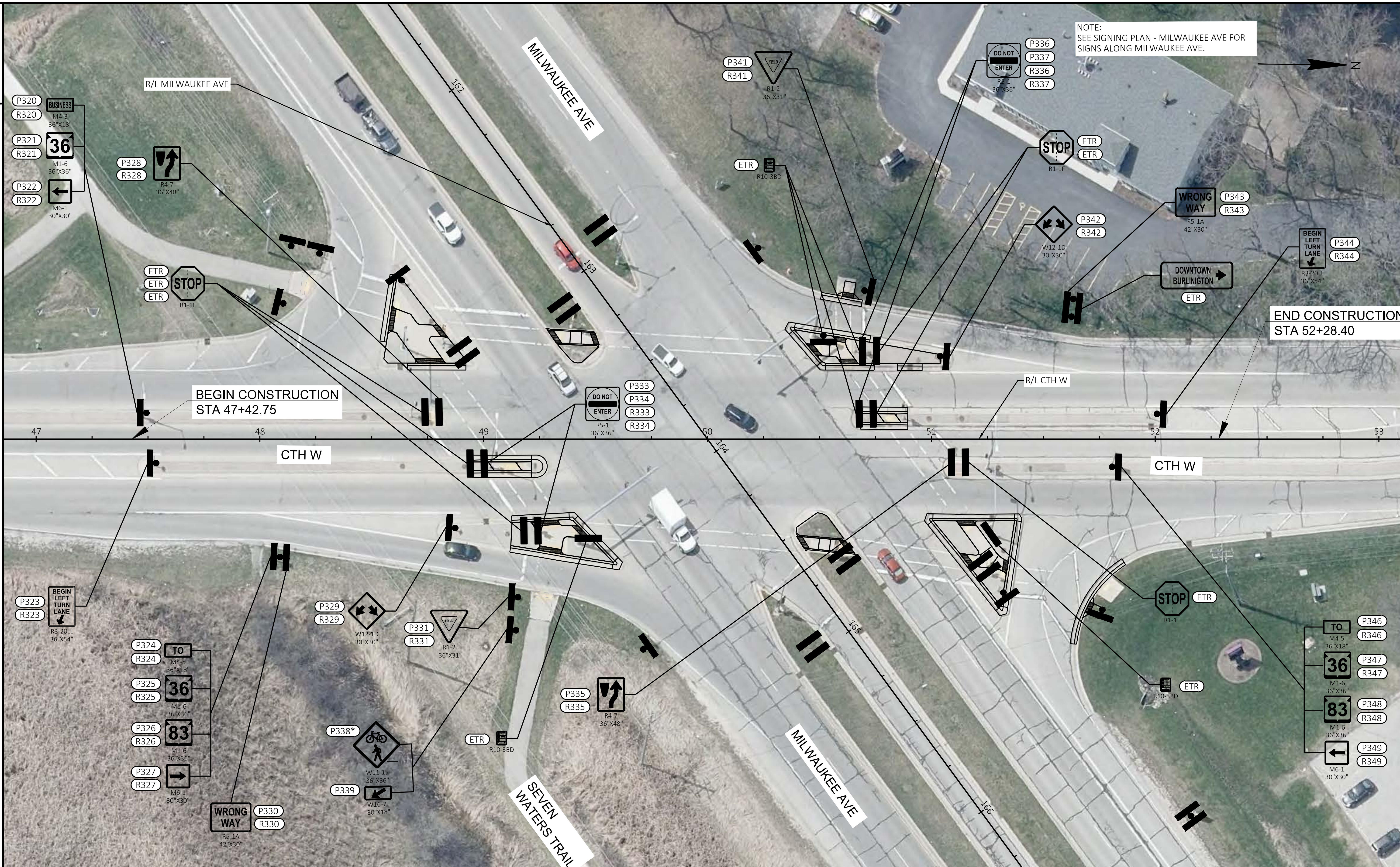
FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - PS31
PLOT DATE : 7/27/2022 8:37 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - MILWAUKEE AVE	SHEET 79	E



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	SIGNING PLAN - CTH W	SHEET 80	E

2

2

PAVEMENT MARKING LEGEND

1 MARKING LINE EPOXY 4-INCH (WHITE)

2 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)

3 MARKING STOP LINE EPOXY 18-INCH

4 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

5 MARKING LINE EPOXY 4-INCH (YELLOW)

6 MARKING ISLAND NOSE EPOXY

7 MARKING CURB EPOXY

8 MARKING LINE EPOXY 8-INCH (WHITE)

9 MARKING DIAGONAL EPOXY 12-INCH (WHITE)

10 MARKING ARROW EPOXY

11 MARKING WORD EPOXY

12 MARKING LINE EPOXY 4-INCH (WHITE DASH, 12.5' LINE, 37.5' GAP)

13 MARKING LINE EPOXY 4-INCH (WHITE DASH, 3' LINE, 9' GAP)

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 82	E

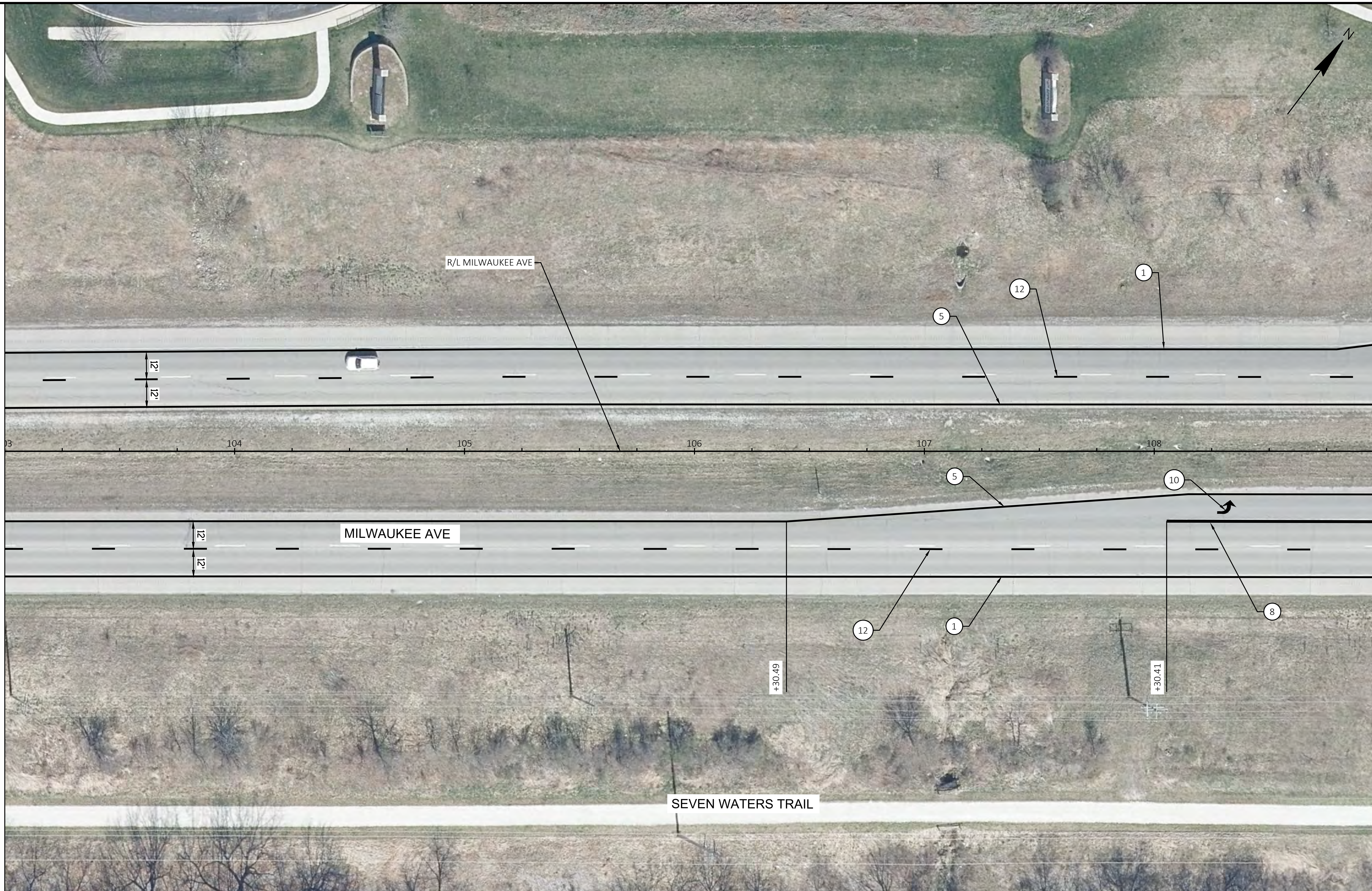
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 83	E

2

2

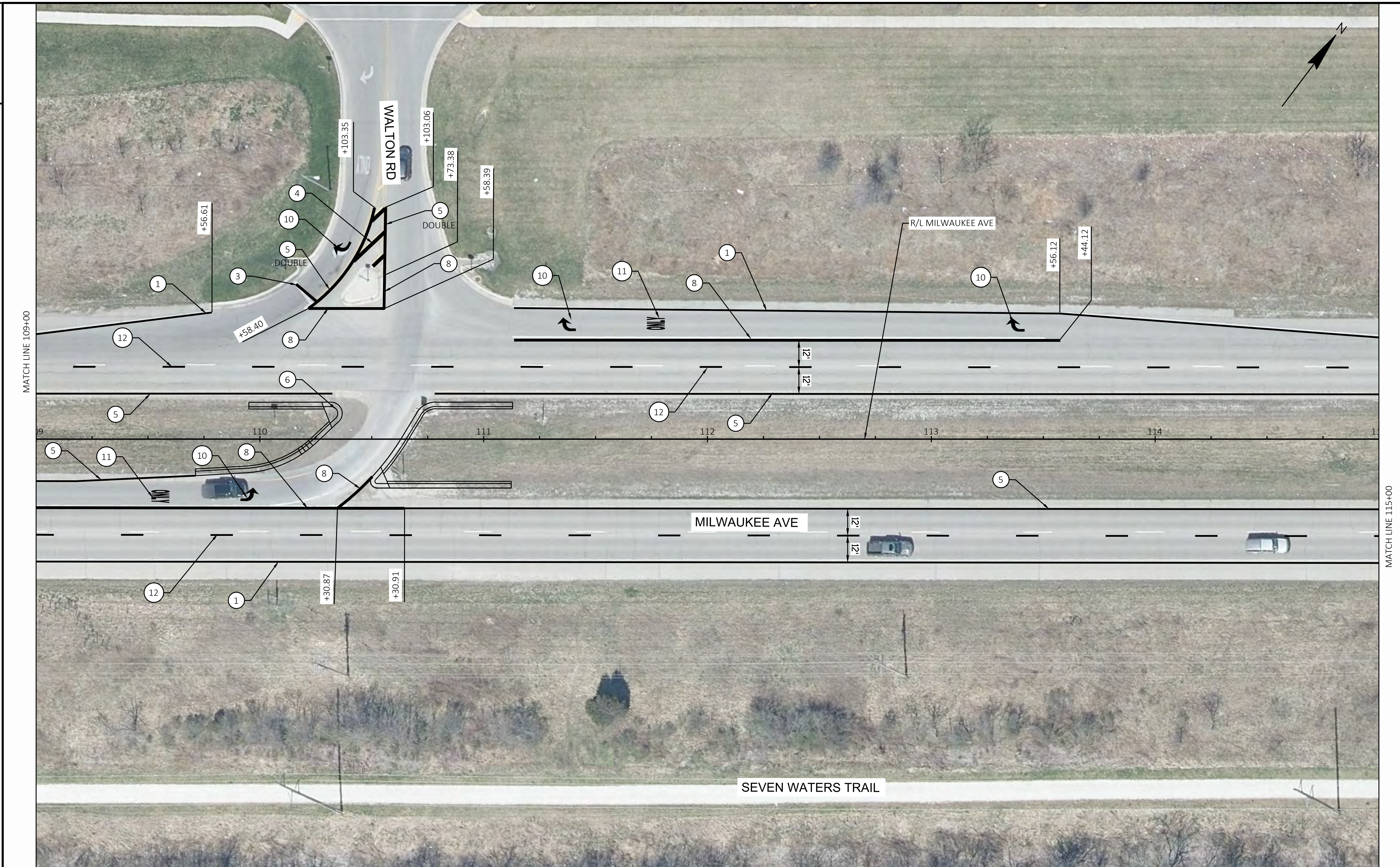
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 84	E

2



2

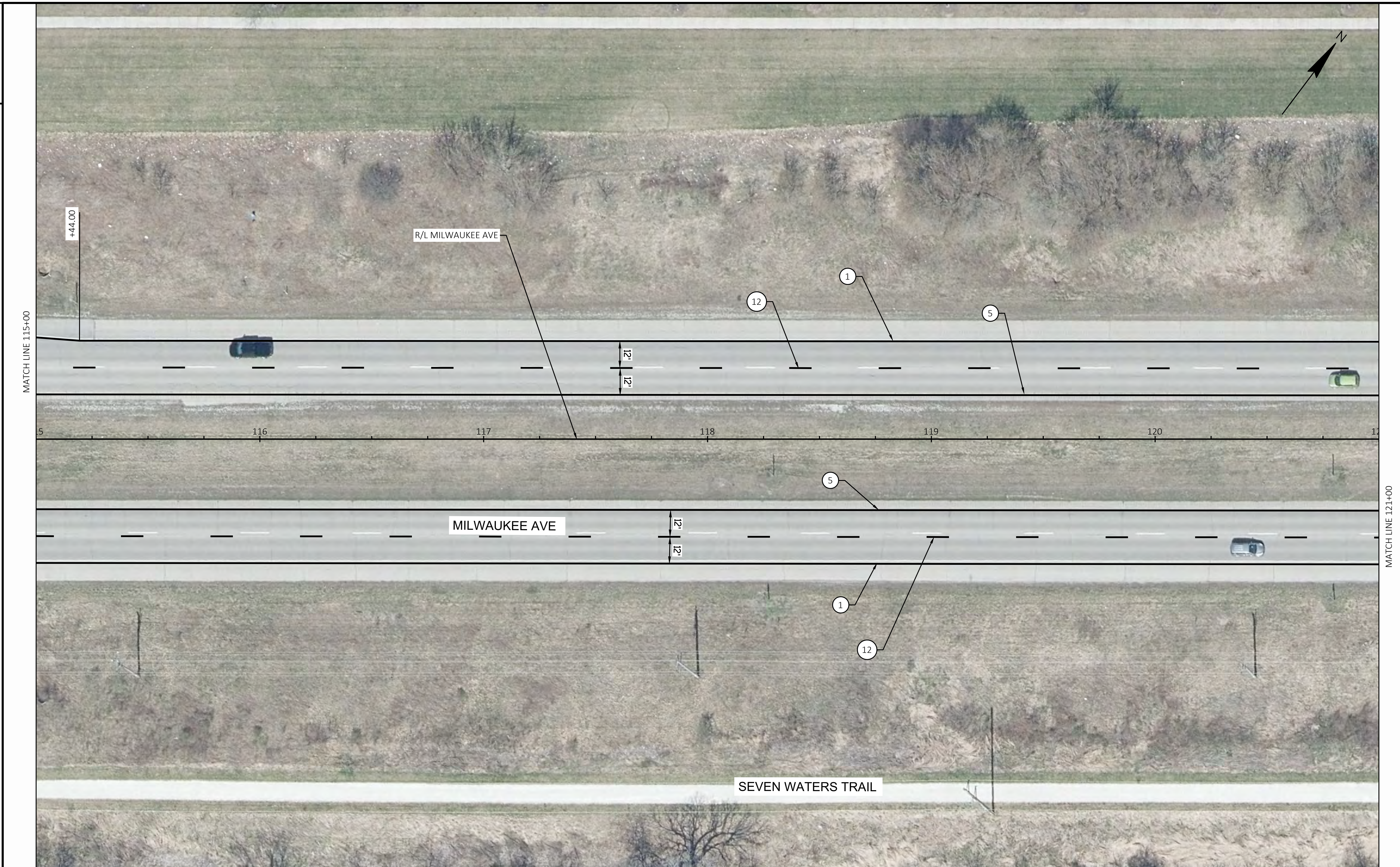
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 85	E



PROJECT NO: 2240-05-71 | HWY: MILWAUKEE AVENUE | COUNTY: RACINE | PAVEMENT MARKING PLAN - MILWAUKEE AVE | SHEET 86 | E

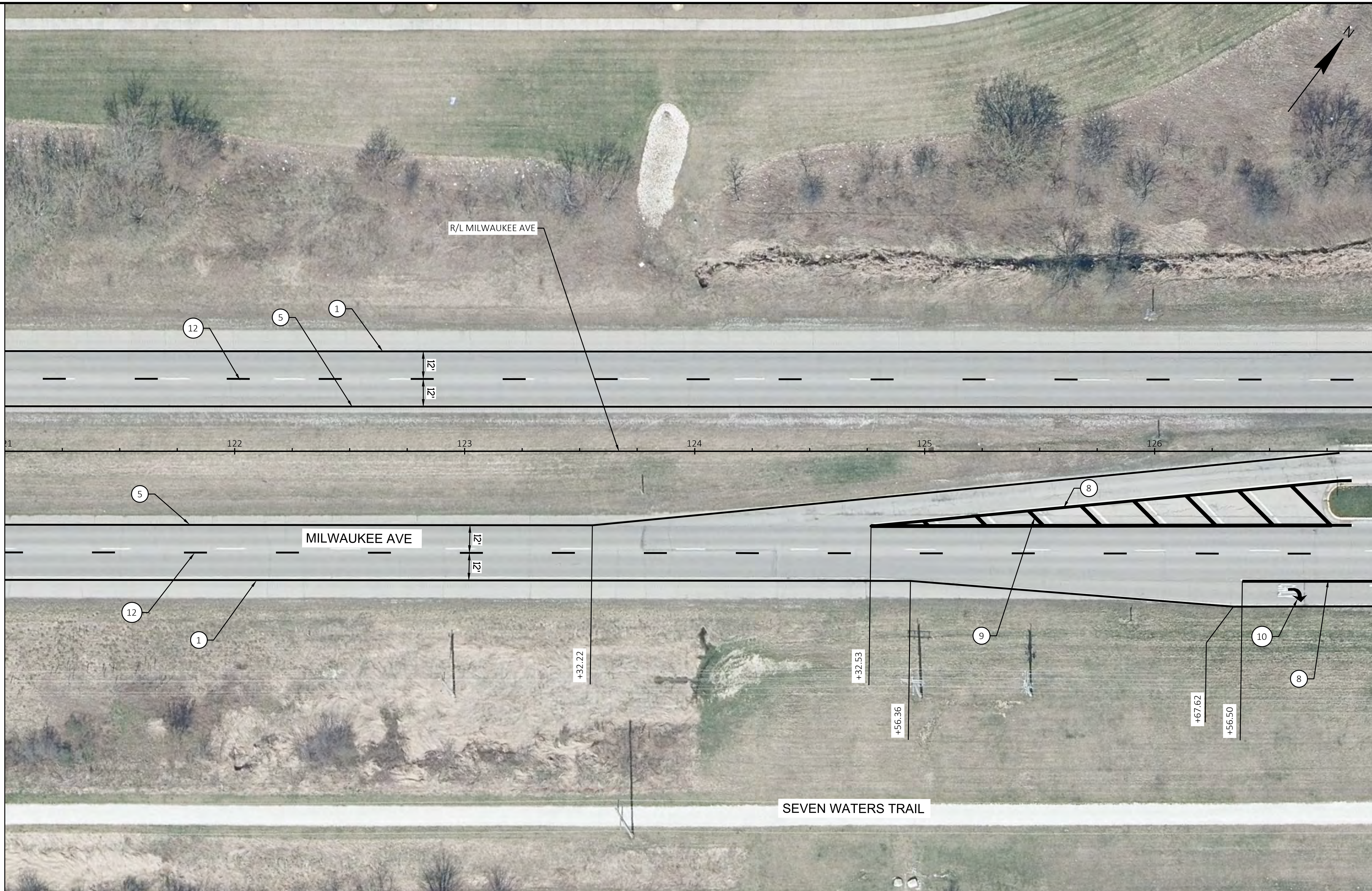
FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM-5
PLOT DATE : 7/29/2022 1:47 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 87	E

MATCH LINE 121+00



MATCH LINE 127+00

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 88	E

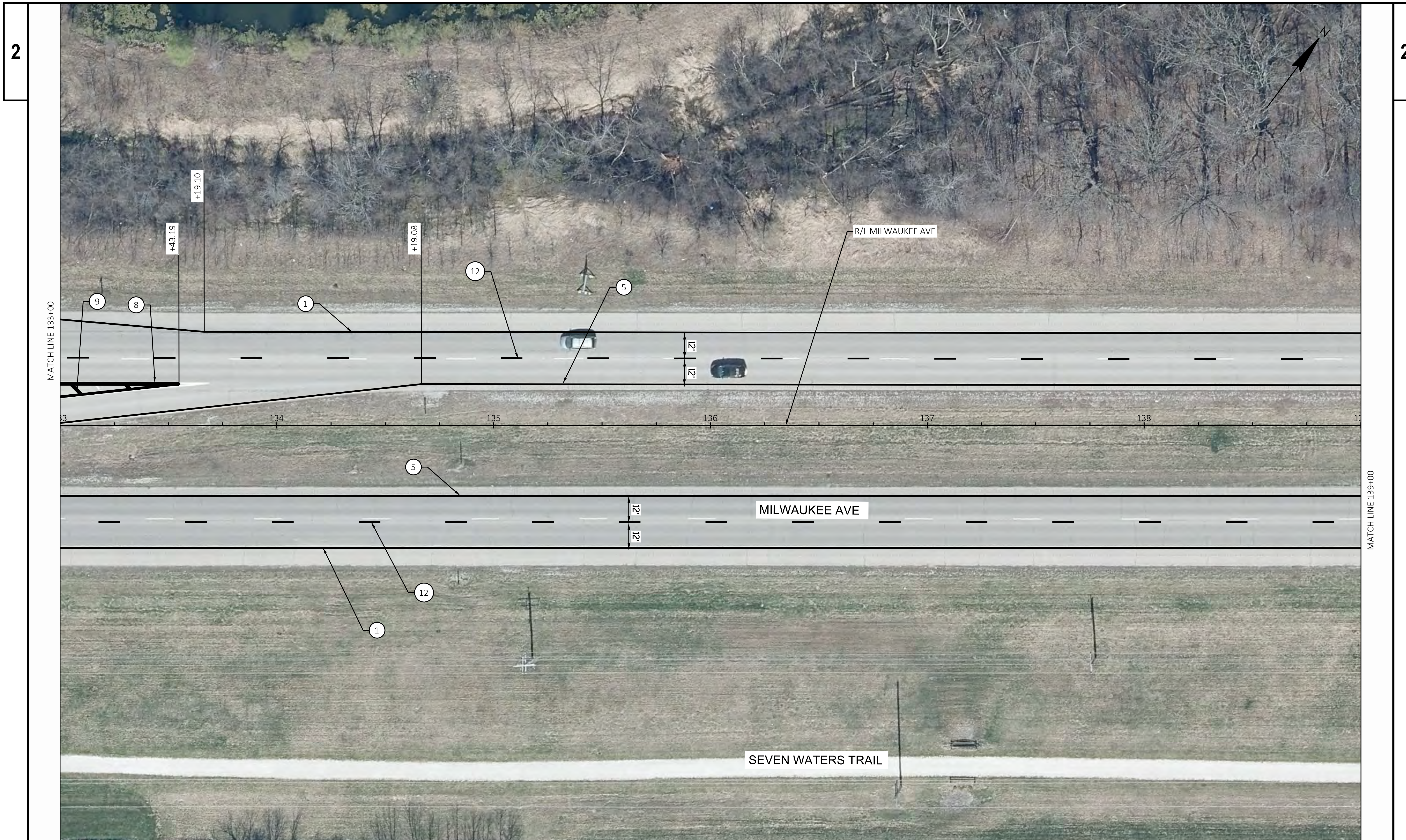
FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM-7
PLOT DATE : 7/29/2022 1:47 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 89 E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM-8
PLOT DATE : 8/10/2022 12:26 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT WISDOT/CADDS SHEET 42

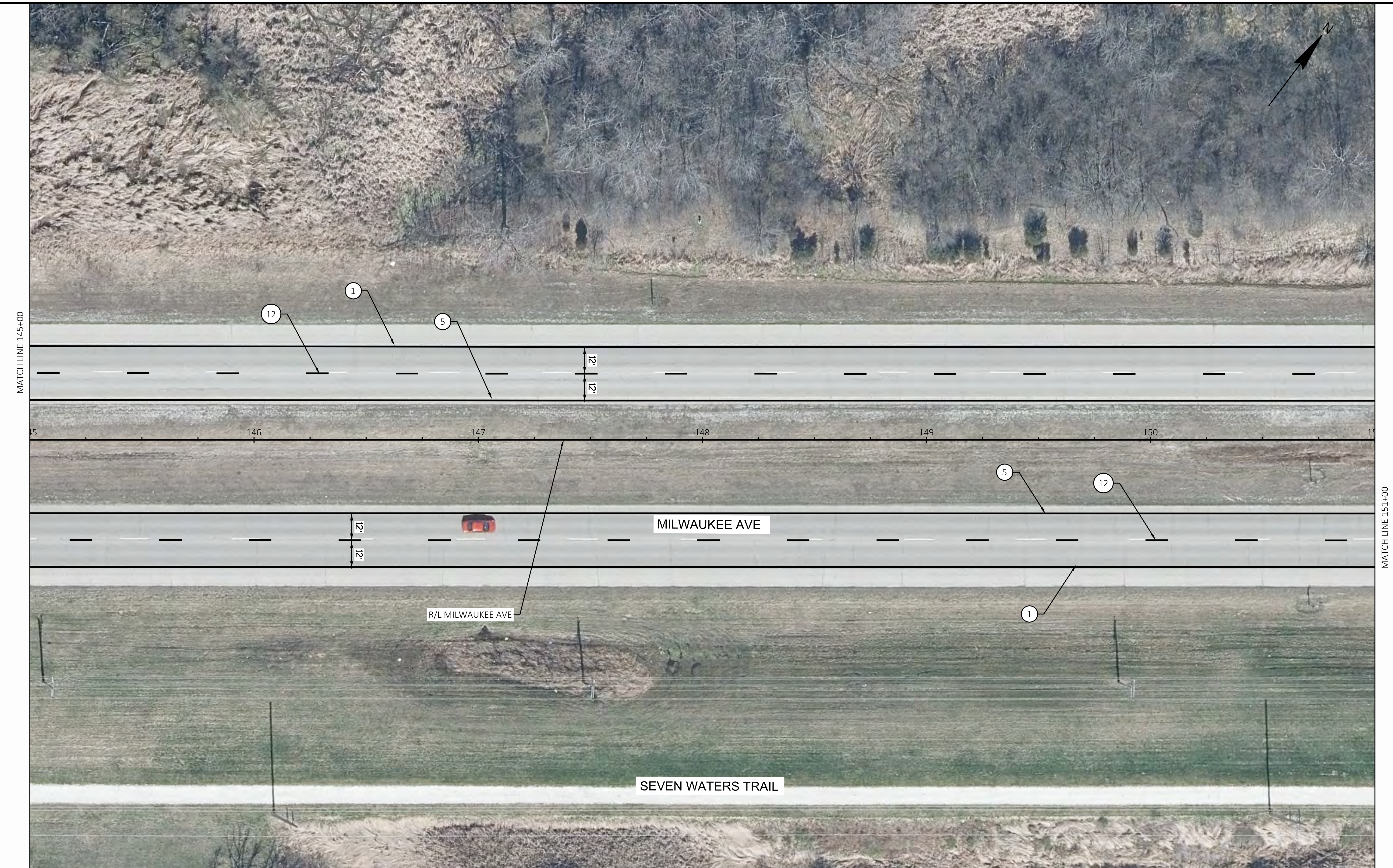


PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 90	E

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 91	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM-10
PLOT DATE : 7/29/2022 1:48 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

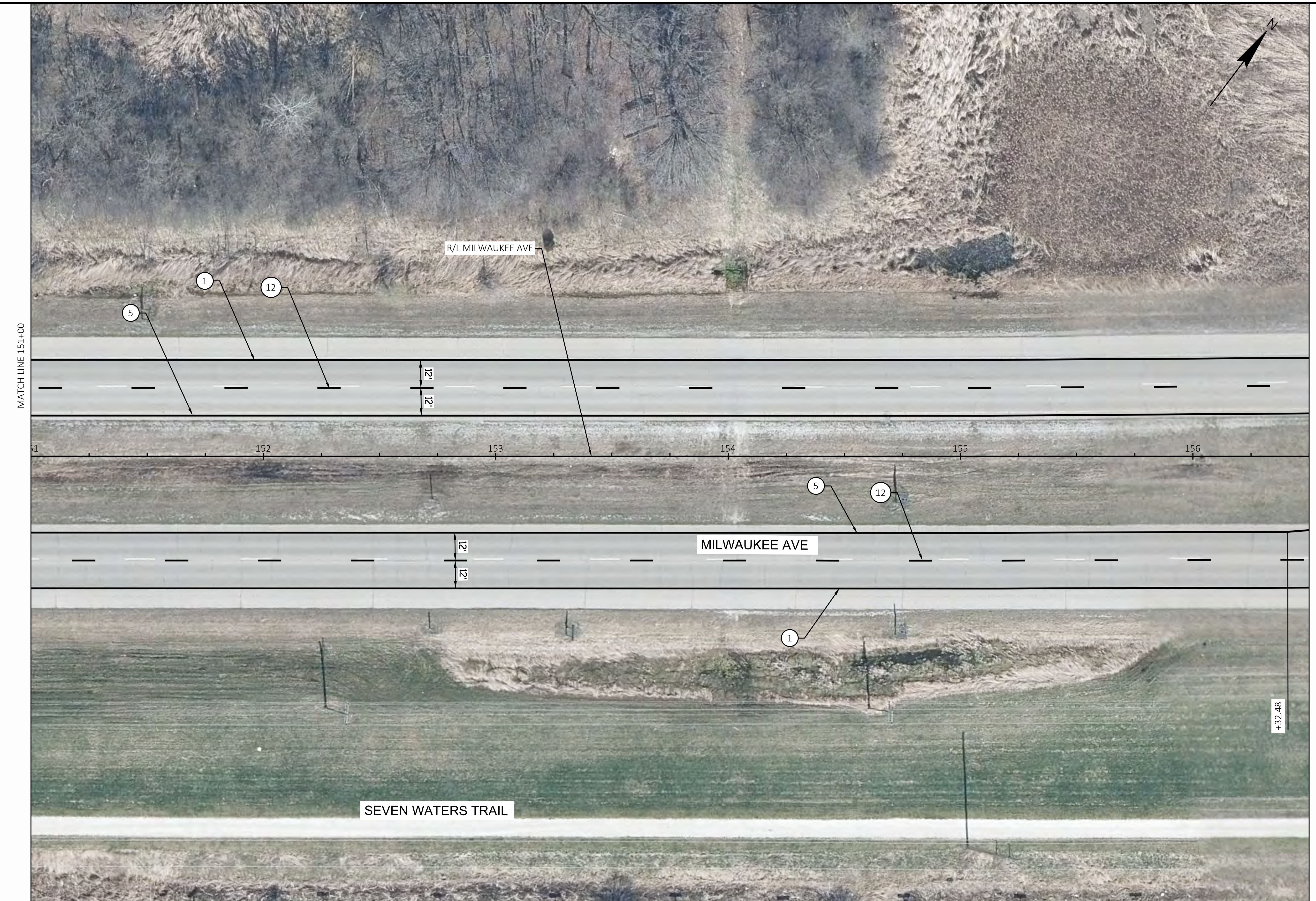
2



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 92	E

2

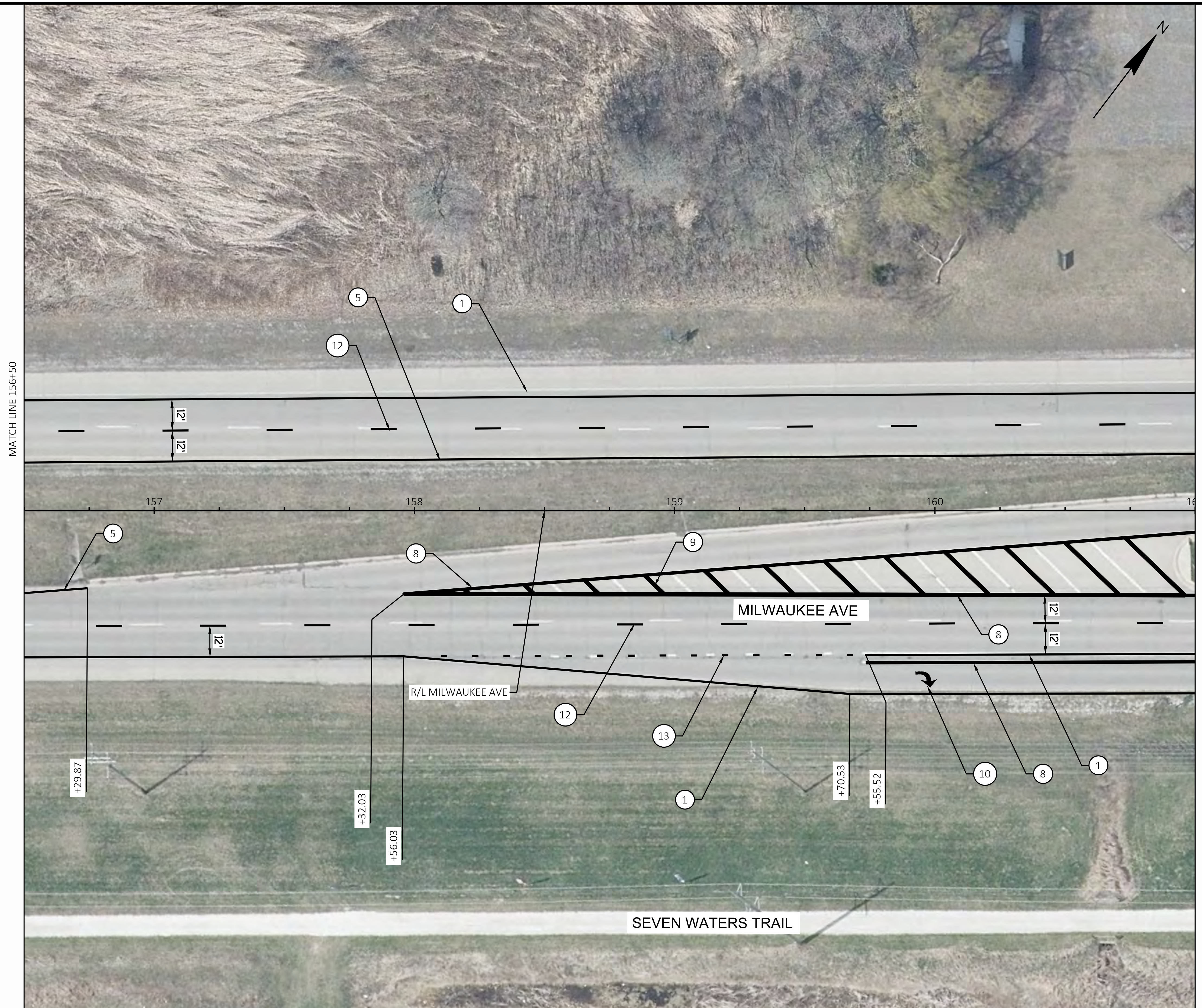


2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 93	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM-12
PLOT DATE : 7/29/2022 1:48 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

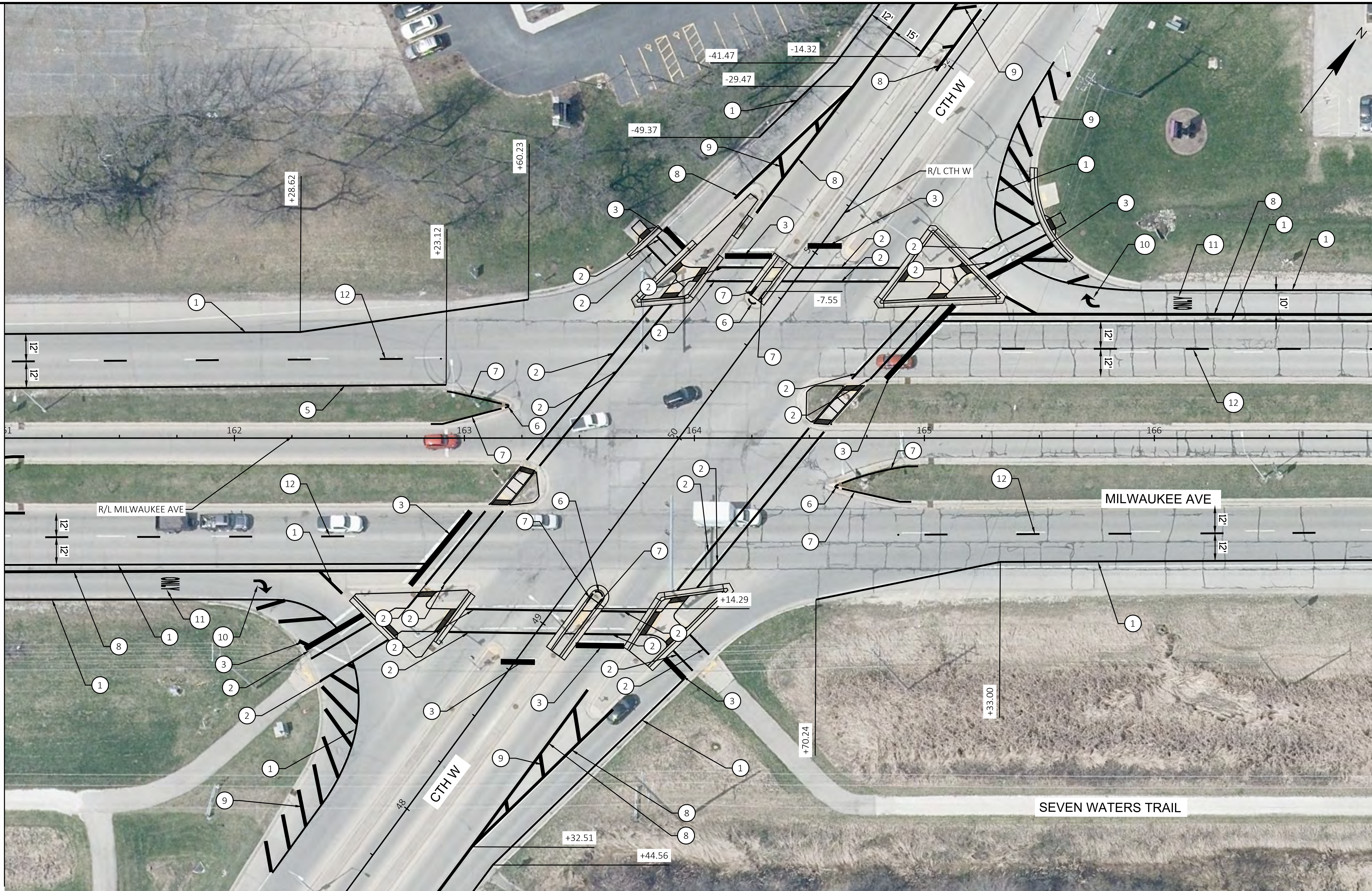
2



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 94	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\024501-PM.DWG PLOT DATE : 8/9/2022 8:47 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
LAYOUT NAME - PM-13



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 95	E

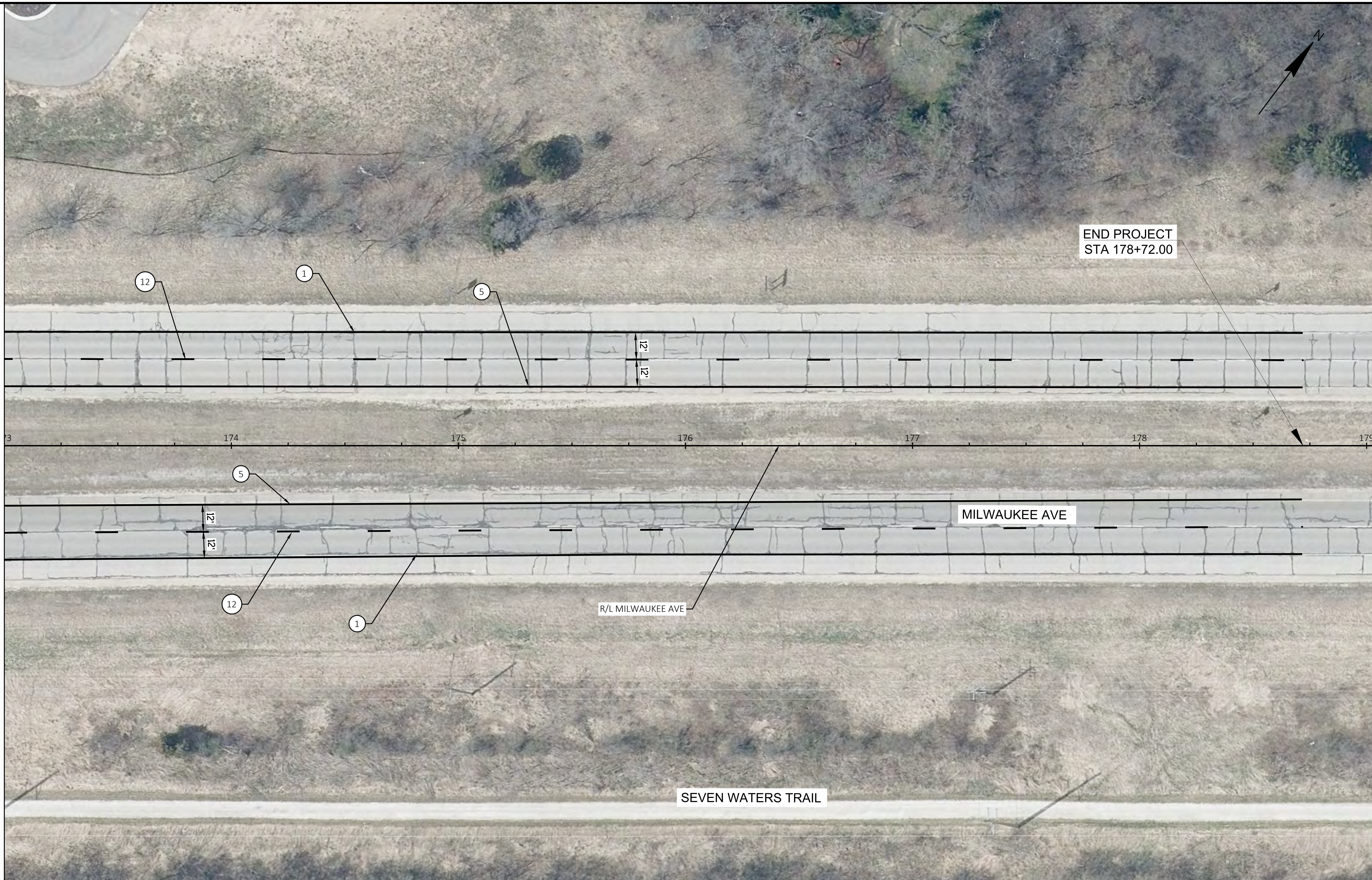
2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 96	E

2

MATCH LINE 173+00



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	PAVEMENT MARKING PLAN - MILWAUKEE AVE	SHEET 97	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM-16
PLOT DATE : 7/29/2022 1:49 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

	TYPE II / III BARRICADE WITH TWO TYPE "A" WARNING LIGHTS
	TYPE II / III BARRICADE WITH ATTACHED SIGN AND TWO TYPE "A" WARNING LIGHTS
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL 42-INCH CONE
	WORK AREA
	BASE PATCHING THIS STAGE
	DIRECTION OF TRAFFIC
	OPEN PEDESTRIAN ROUTE
CR	TEMPORARY PEDESTRIAN CURB RAMP
DWF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
	TEMPORARY PEDESTRIAN SURFACE
	TEMPORARY PEDESTRIAN BARRICADE
T1	TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (WHITE)
T2	TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (YELLOW)

<u>TRAFFIC SIGNAL TIMING CHANGES</u>

COORDINATE THE FOLLOWING TRAFFIC SIGNAL TIMING UPDATES AND OTHER TIMING UPDATES AS NEEDED DURING CONSTRUCTION.
TRAFFIC SIGNAL COORDINATION IS INCIDENTAL TO THE BID ITEM: TRAFFIC CONTROL.

BUCKLEY STREET:

STAGE 1: INCREASE PEDESTRIAN CLEARANCE INTERVAL DUE TO LONGER CROSSWALK ACROSS MILWAUKEE AVE
CHANGE SIGNAL CONTROLLER TO RUN IN PEDESTRIAN RECALL MODE

STAGE 1A: INCREASE PEDESTRIAN CLEARANCE INTERVAL DUE TO LONGER CROSSWALK ACROSS MILWAUKEE AVE
CONTINUE HAVING SIGNAL RUN IN PEDESTRIAN RECALL MODE

STAGE 2: INCREASE PEDESTRIAN CLEARANCE INTERVAL DUE TO LONGER CROSSWALK ACROSS MILWAUKEE AVE & BUCKLEY STREET
CONTINUE HAVING SIGNAL RUN IN PEDESTRIAN RECALL MODE

STAGE 2A: INCREASE PEDESTRIAN CLEARANCE INTERVAL DUE TO LONGER CROSSWALK ACROSS MILWAUKEE AVE & BUCKLEY STREET
CONTINUE HAVING SIGNAL RUN IN PEDESTRIAN RECALL MODE

END OF PROJECT -RUN FINAL TIMINGS WITHOUT PEDESTRIAN RECALL MODE

CTH W:

STAGE 1: TURN OFF PEDESTRIAN PHASING AND COVER PED HEADS THAT ARE NOT BEING USED - CONTINUE FOR DURATION OF PROJECT

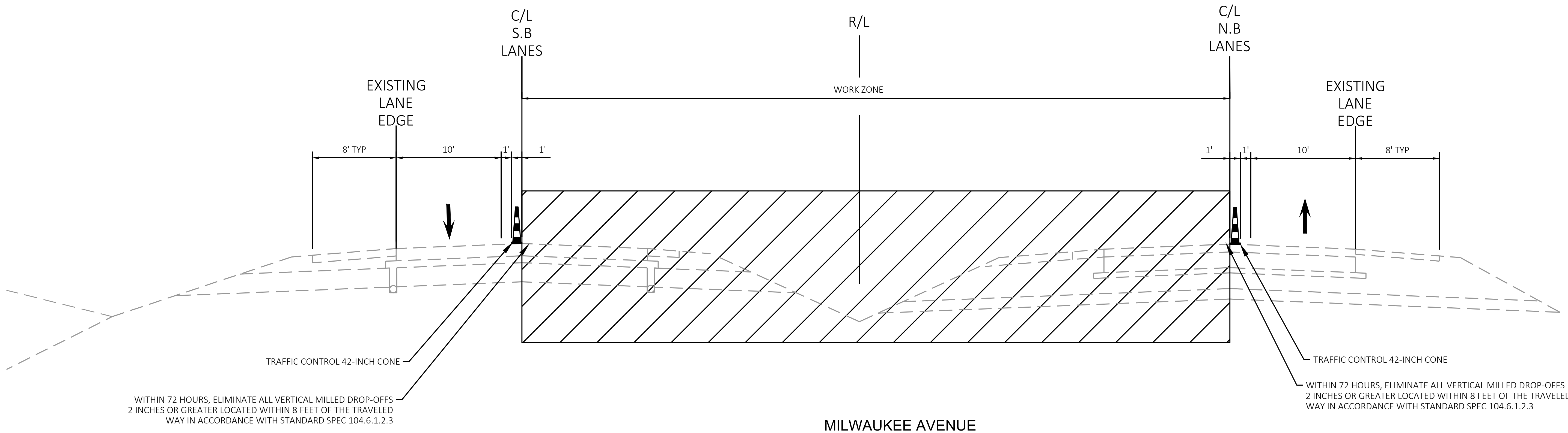
STAGE 1B: PLACE SIGNALS IN FLASH MODE

STAGE 2: RETURN SIGNALS TO NORMAL SEQUENCE OF OPERATIONS AND CHANGE CONTROLLER TO RUN IN PEDESTRIAN RECALL MODE
INCREASE PEDESTRIAN CLEARANCE INTERVAL DUE TO LONGER CROSSWALK ACROSS CTH W

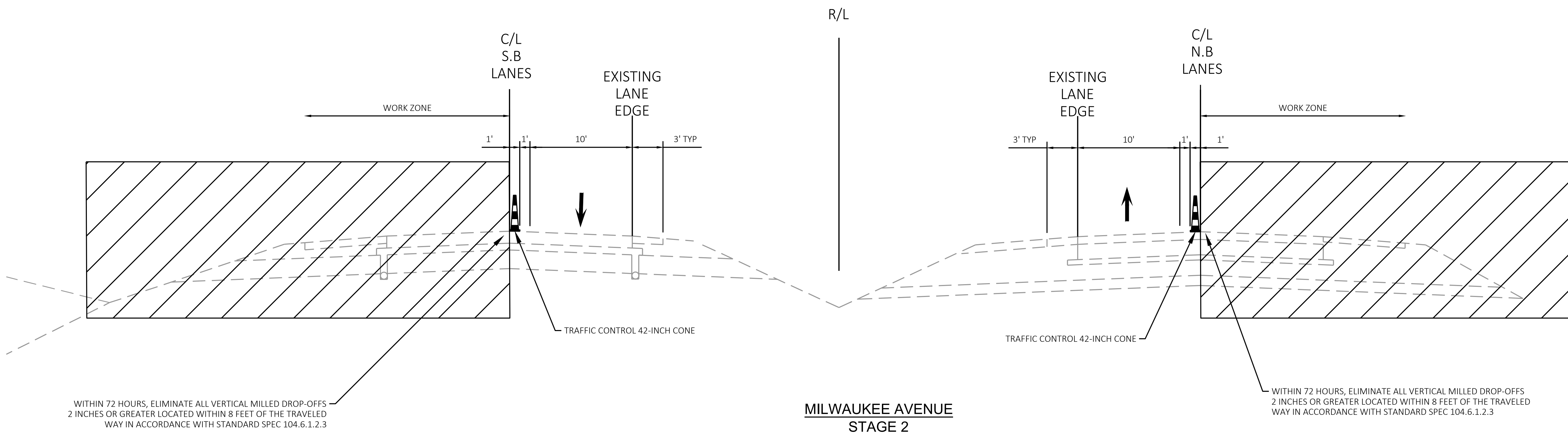
STAGE 2B: USE FINAL SIGNAL TIMING FOR CROSS WALK ACROSS SOUTH LEG OF CTH W

END OF PROJECT - UNCOVER PEDESTRIAN SIGNAL HEADS, RUN FINAL TIMINGS WITHOUT PEDESTRIAN RECALL MODE

2



MILWAUKEE AVENUE
STAGE 1



MILWAUKEE AVENUE
STAGE 2

2

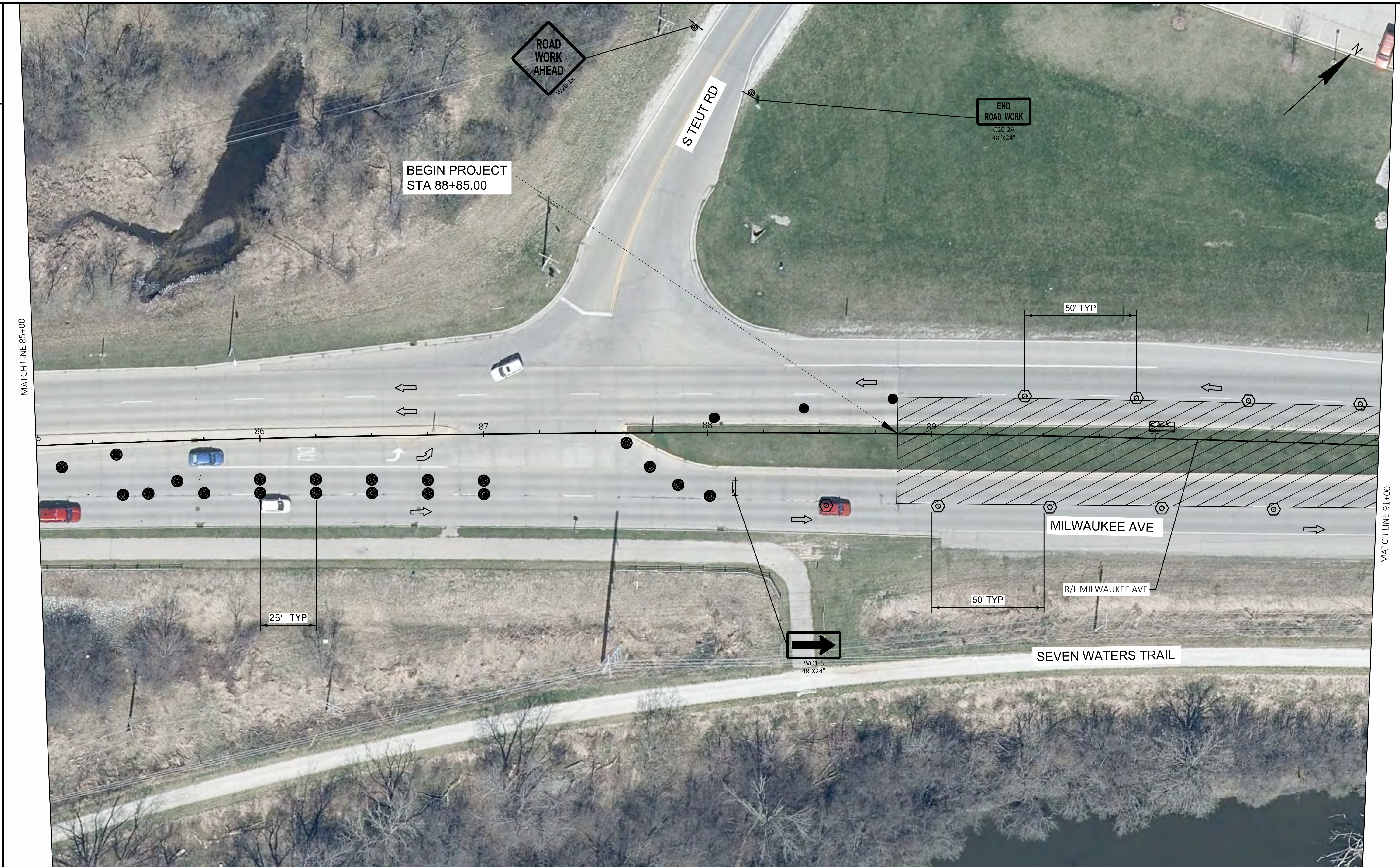
2

MATCH LINE 79+00

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 100	E

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 101	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC10
PLOT DATE : 7/28/2022 11:49 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT WISDOT/CADDS SHEET 42



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 102	E

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 103	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC12

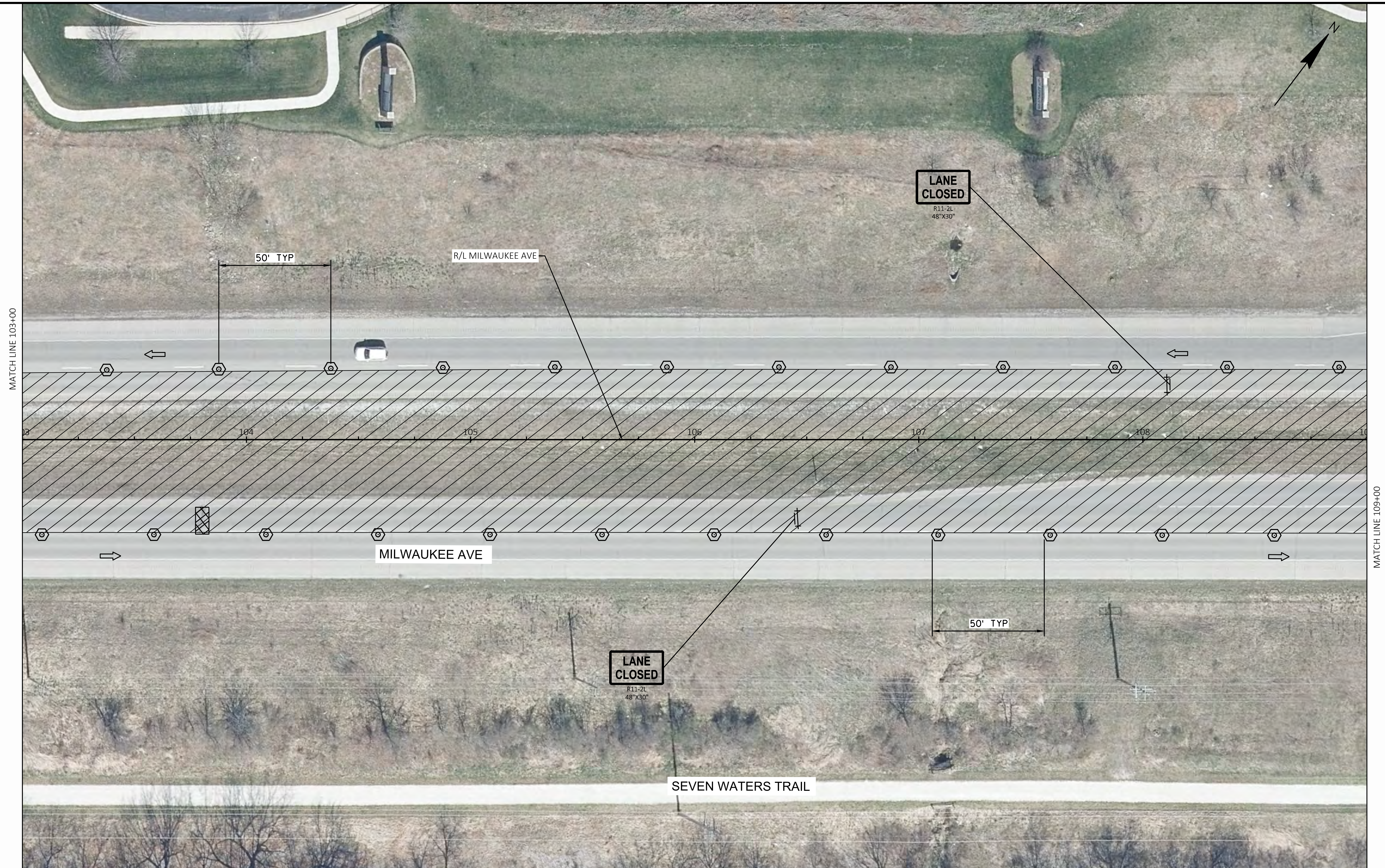
PLOT DATE : 7/28/2022 11:49 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 104	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC13
PLOT DATE : 7/28/2022 11:50 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

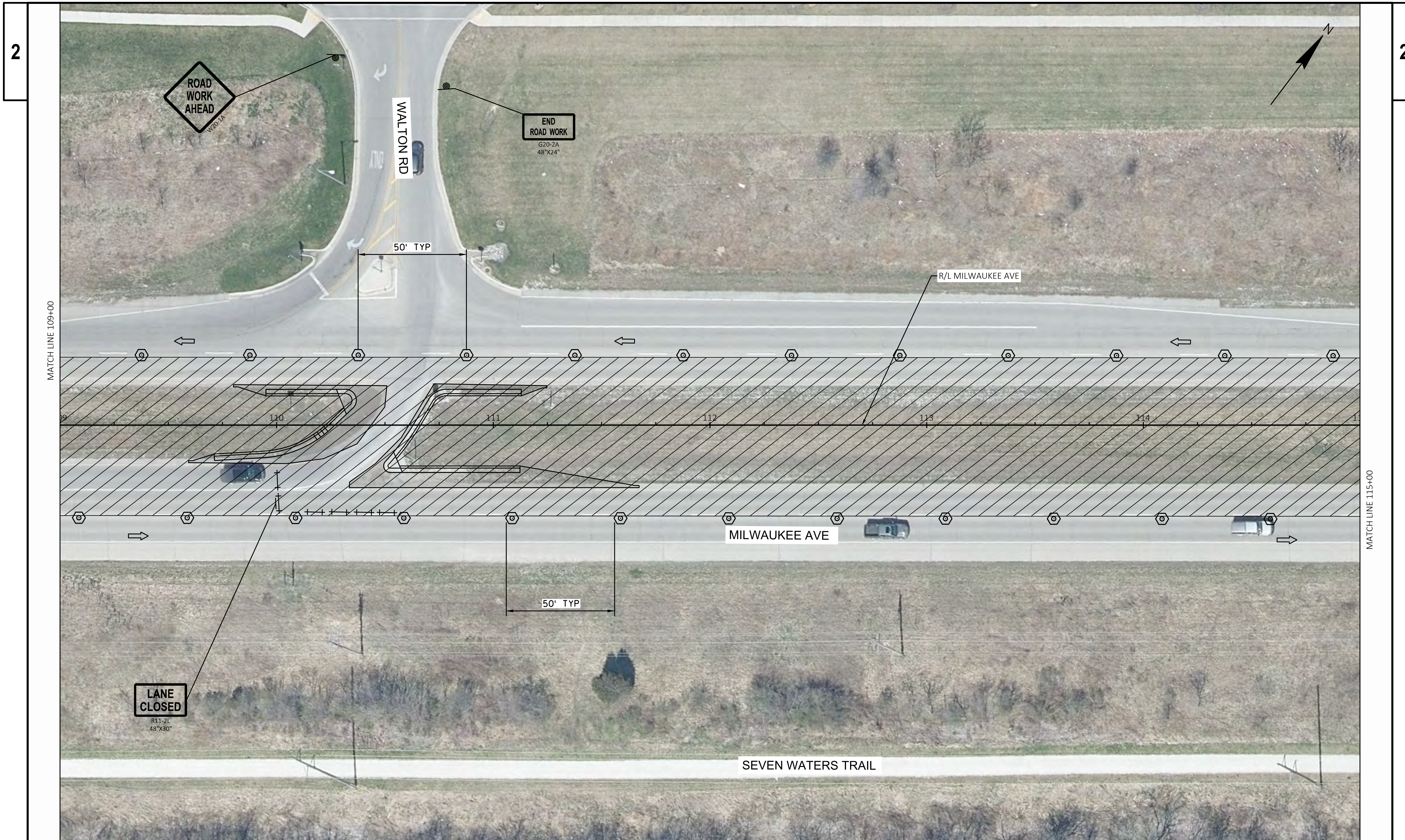
2



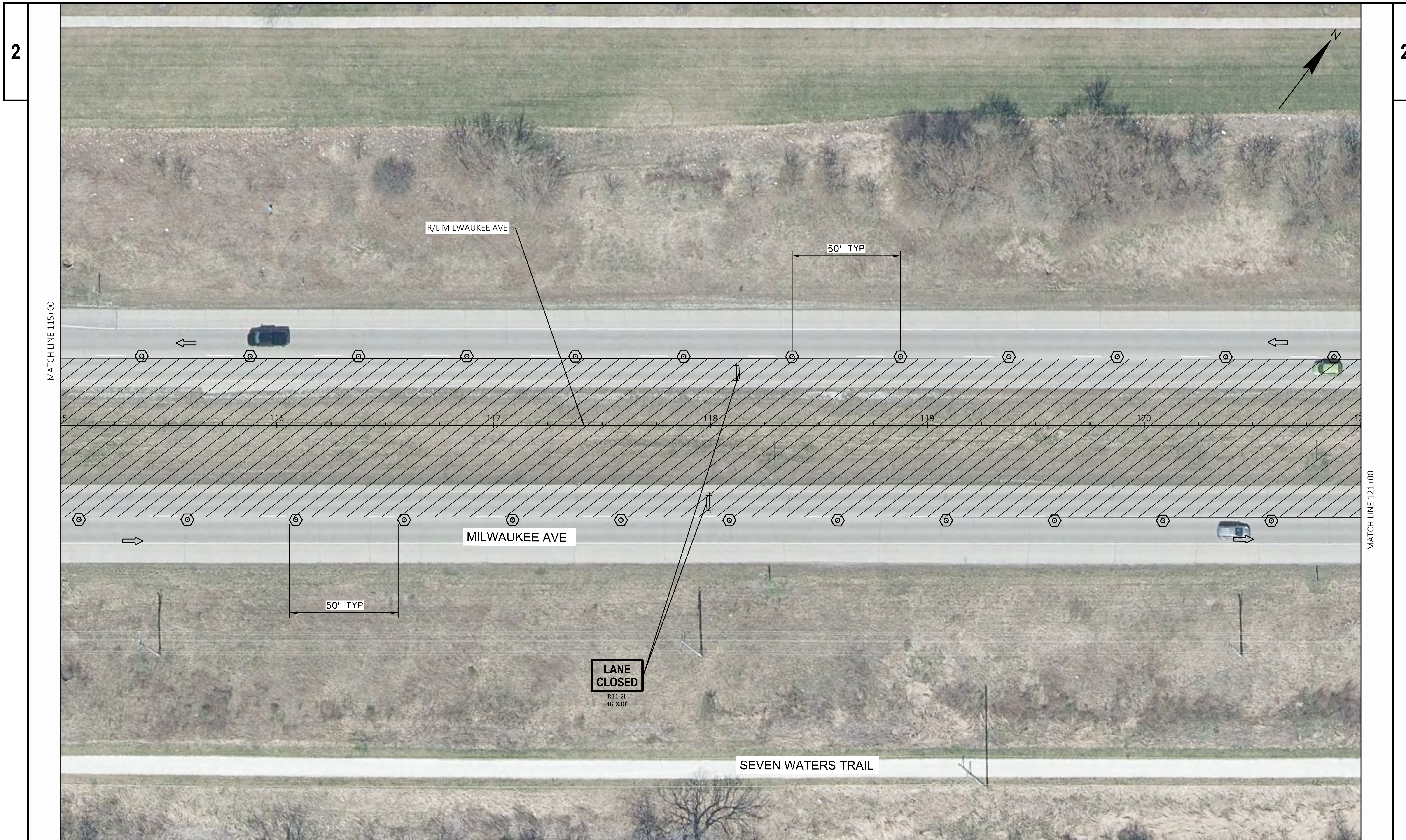
2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 105	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC14
PLOT DATE : 7/28/2022 11:50 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

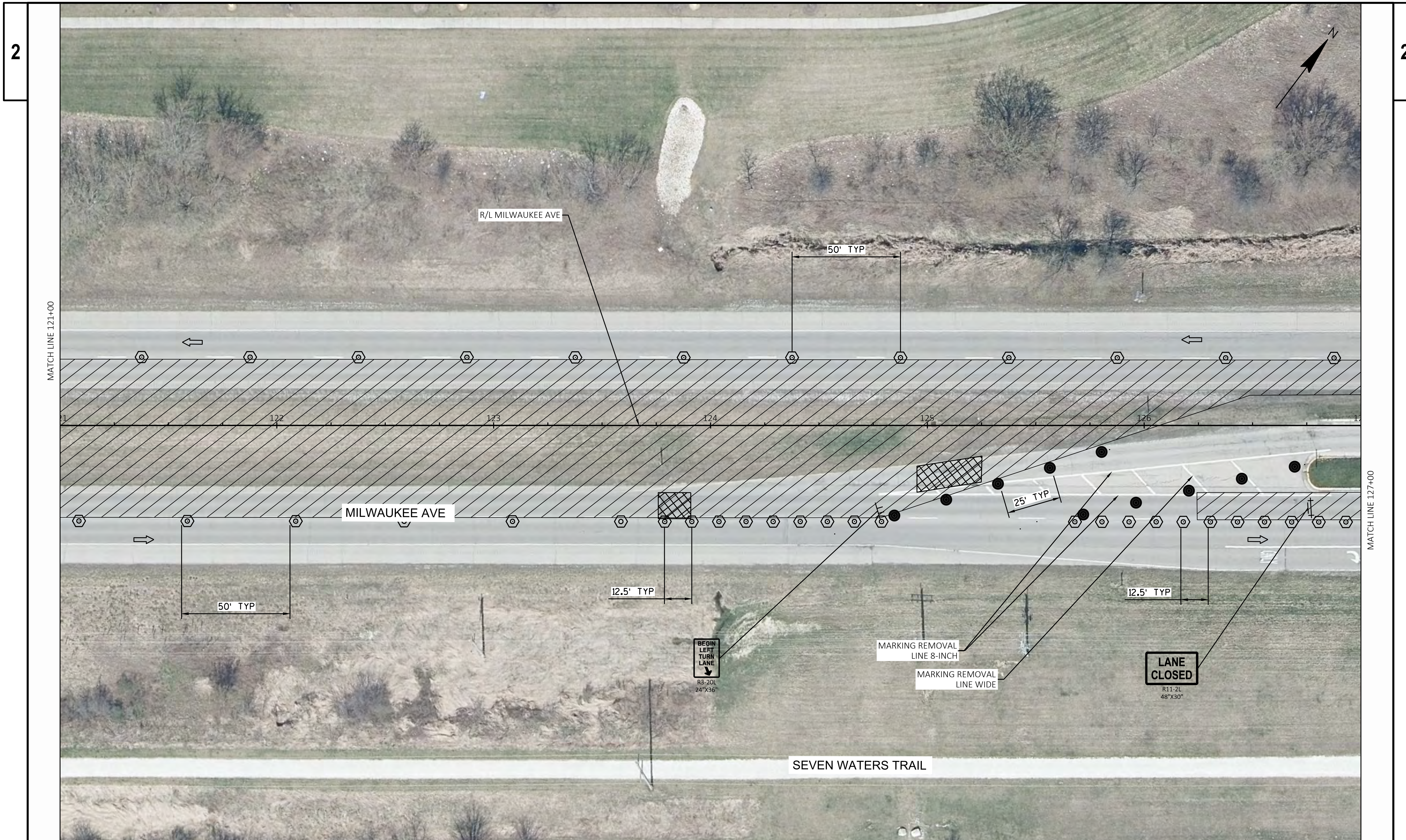


PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 106	E

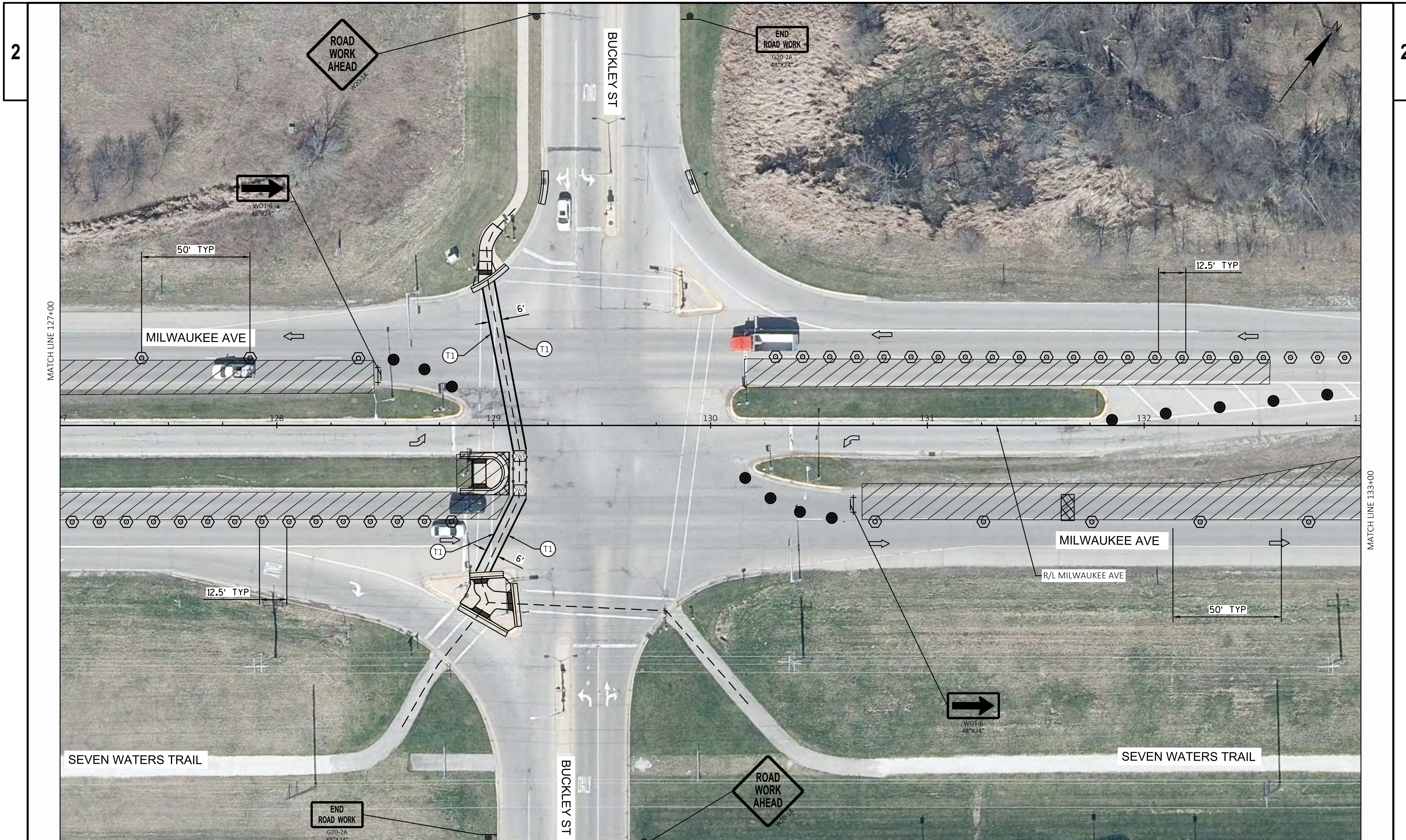


PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 107	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC16
PLOT DATE : 7/28/2022 11:50 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 2240-05-71 | HWY: MILWAUKEE AVENUE | COUNTY: RACINE | TRAFFIC CONTROL STAGE 1 | SHEET 108 | E



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC18
PLOT DATE : 7/28/2022 11:50 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 110	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC19
PLOT DATE : 7/28/2022 11:51 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

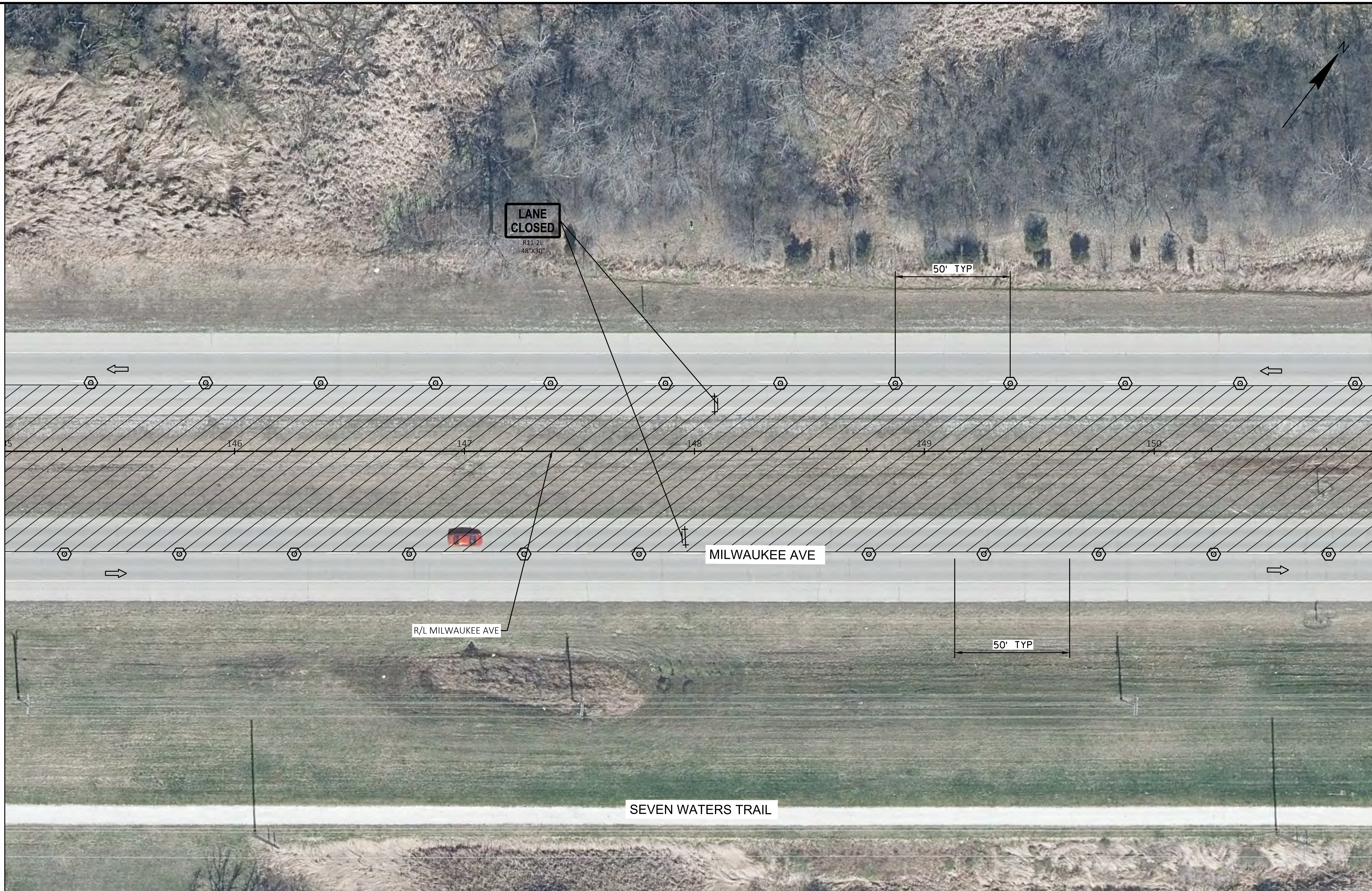
2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 111	E

2

MATCH LINE 145+00



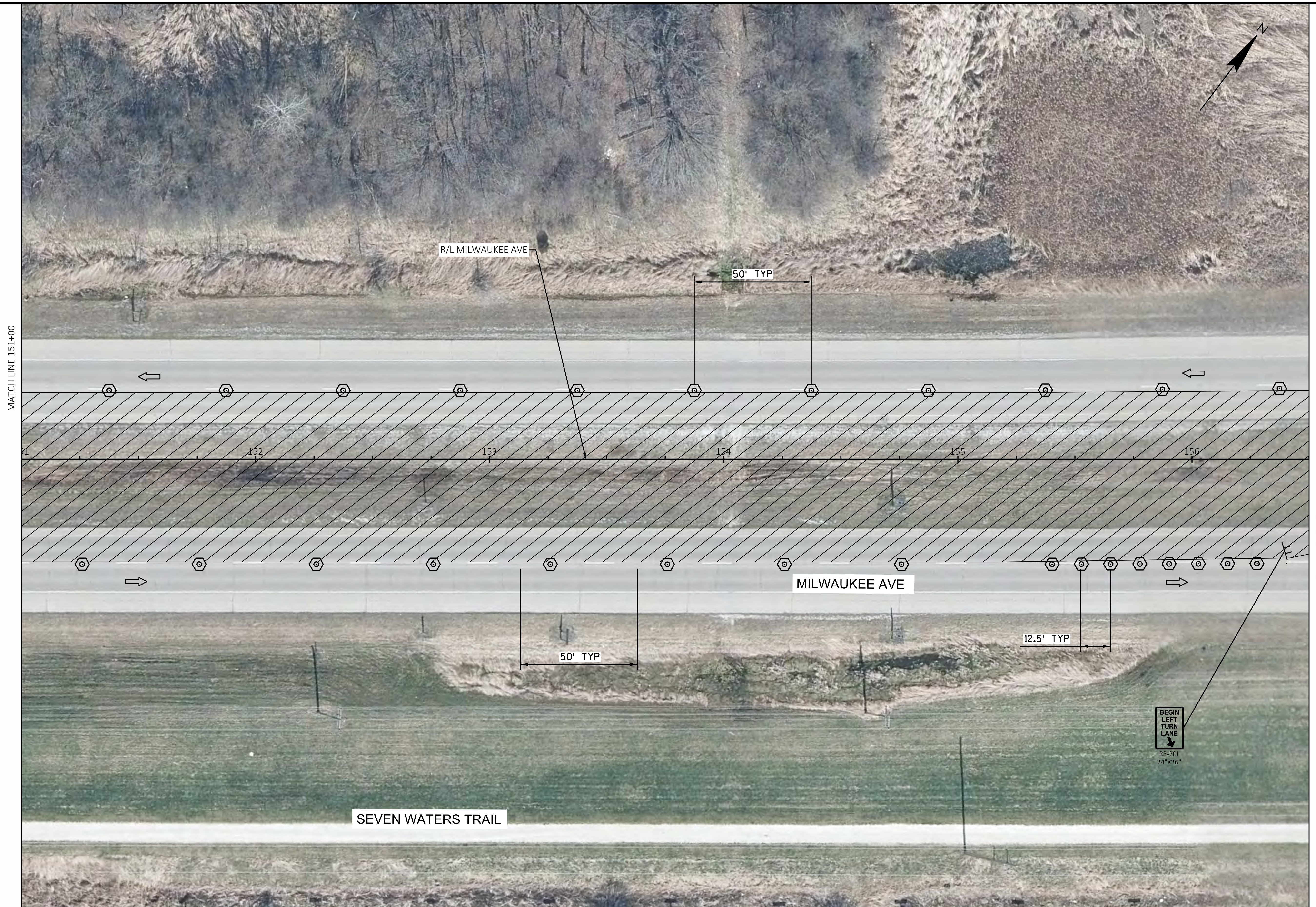
MATCH LINE 151+00

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 112	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC111
PLOT DATE : 7/28/2022 11:51 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

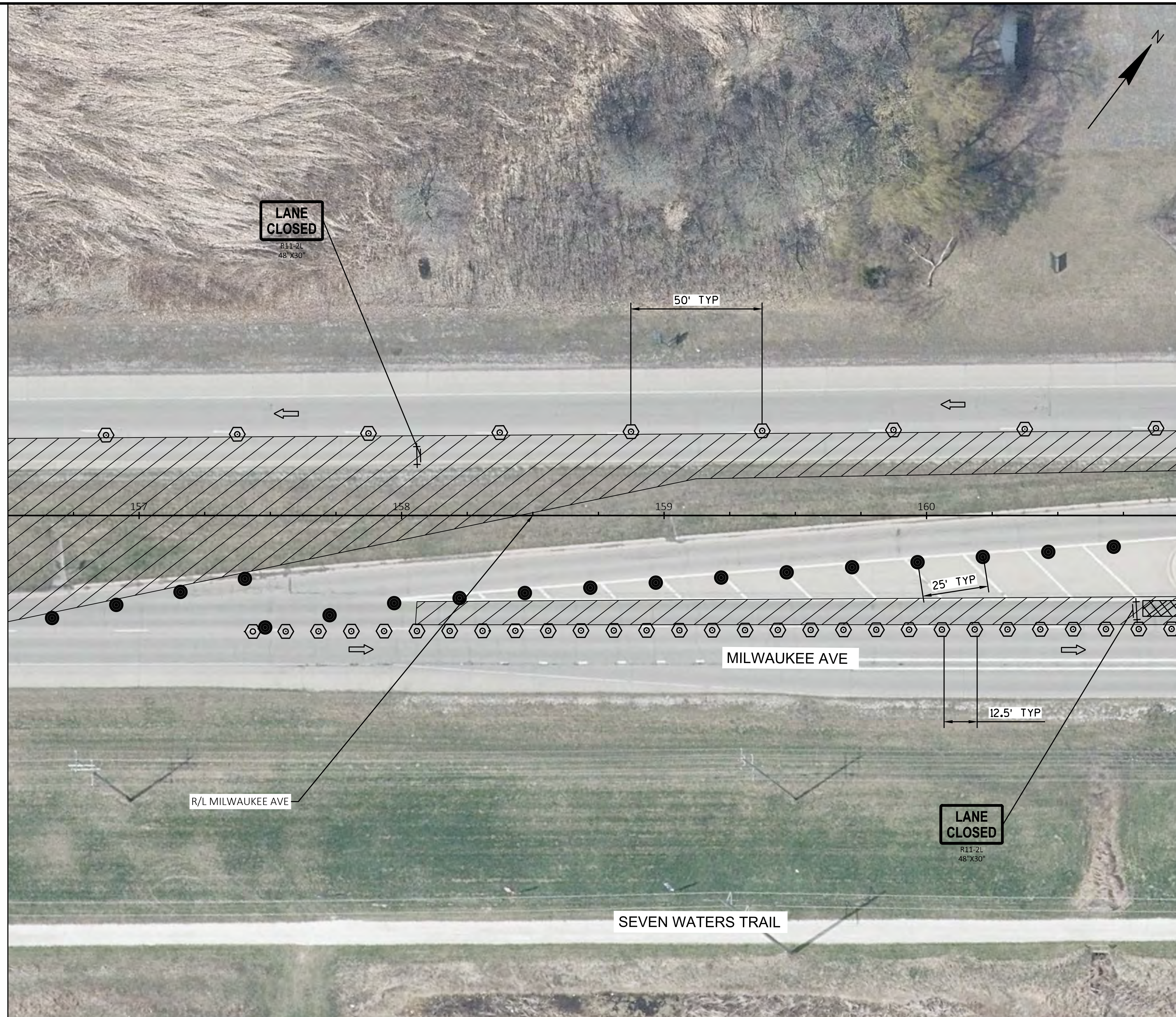


2

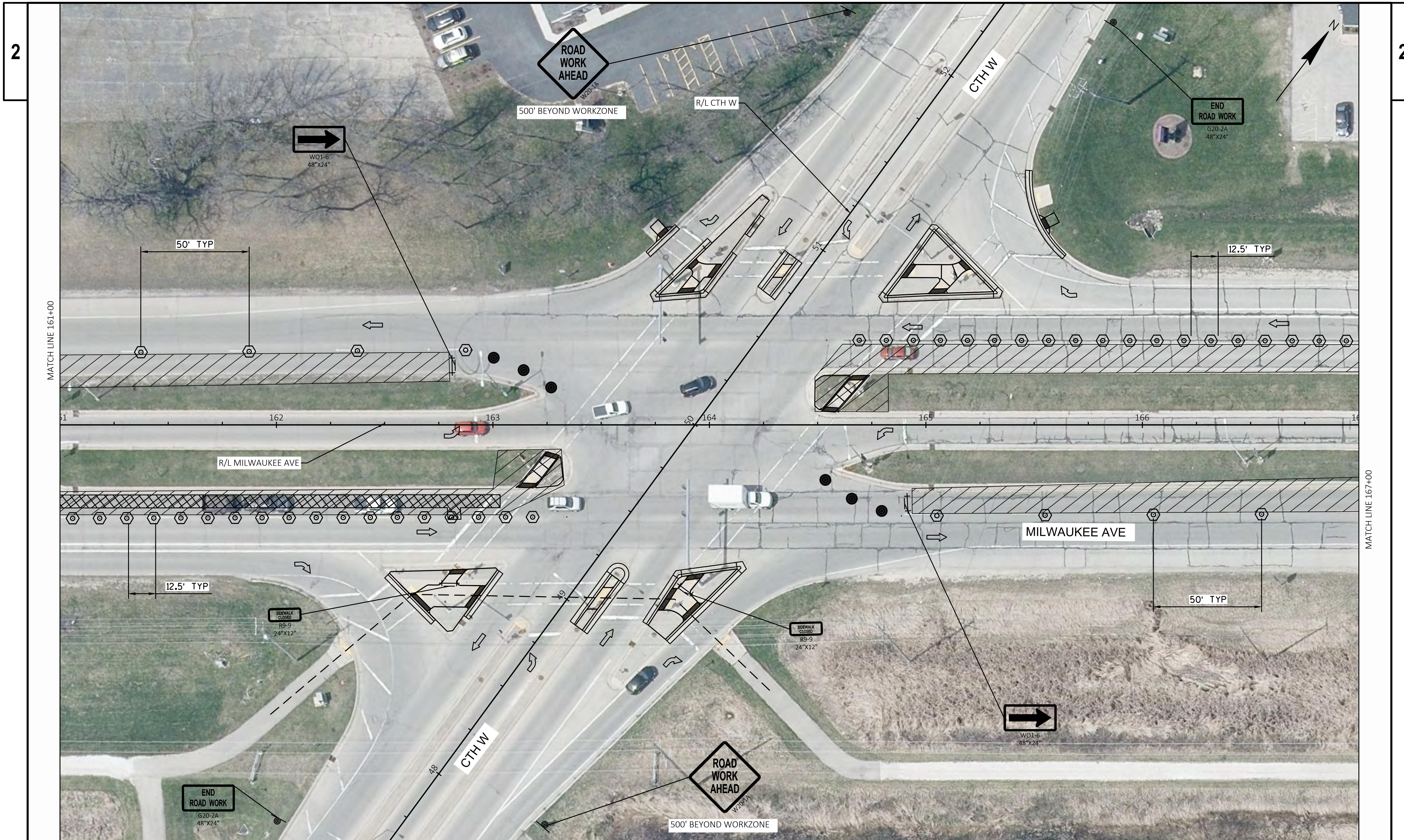
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 113	E

2

2



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 114	E



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 115	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC114

PLOT DATE : 7/28/2022 11:51 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 116	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC115
PLOT DATE : 7/28/2022 11:52 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

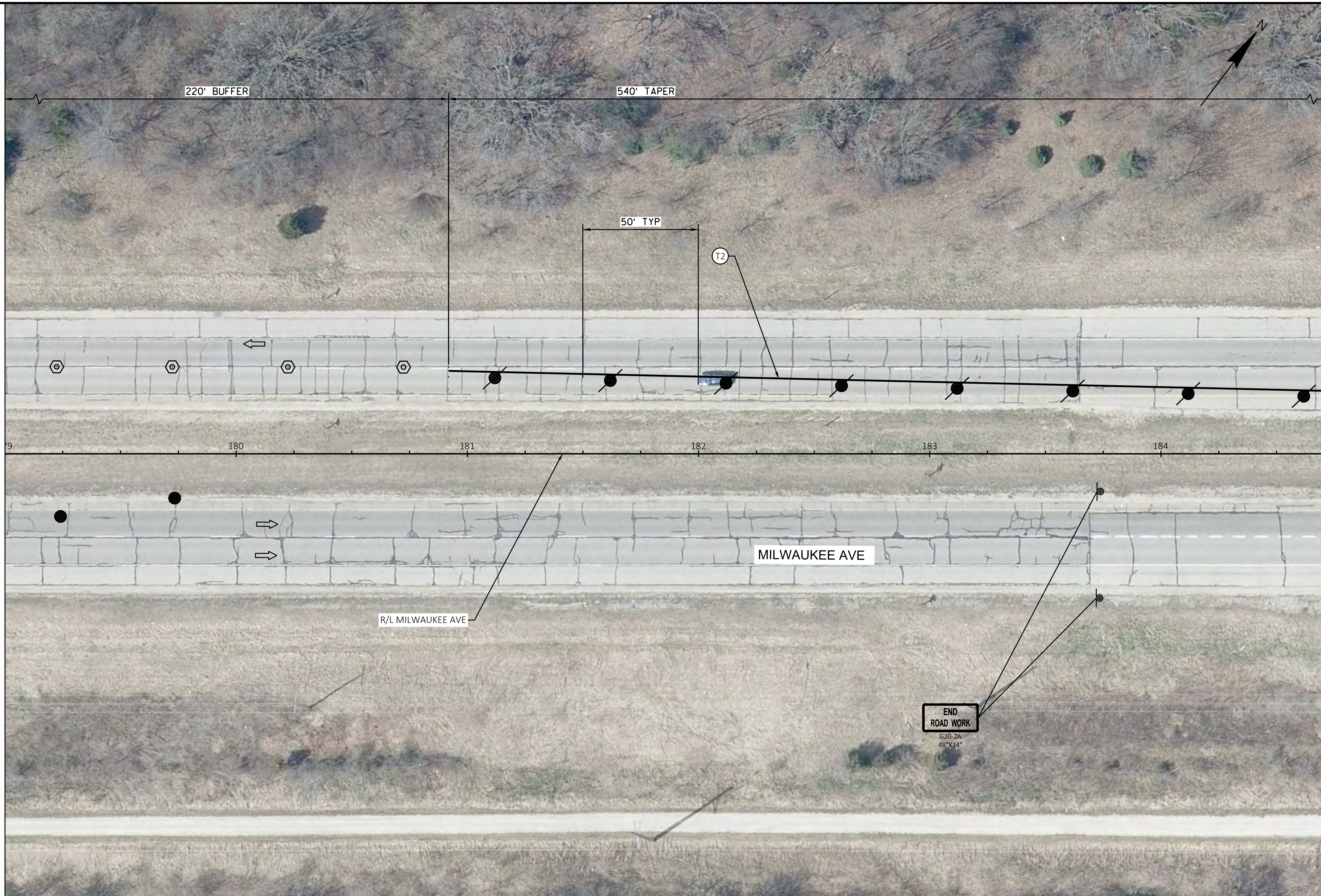
2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 117	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC116
PLOT DATE : 7/28/2022 11:52 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



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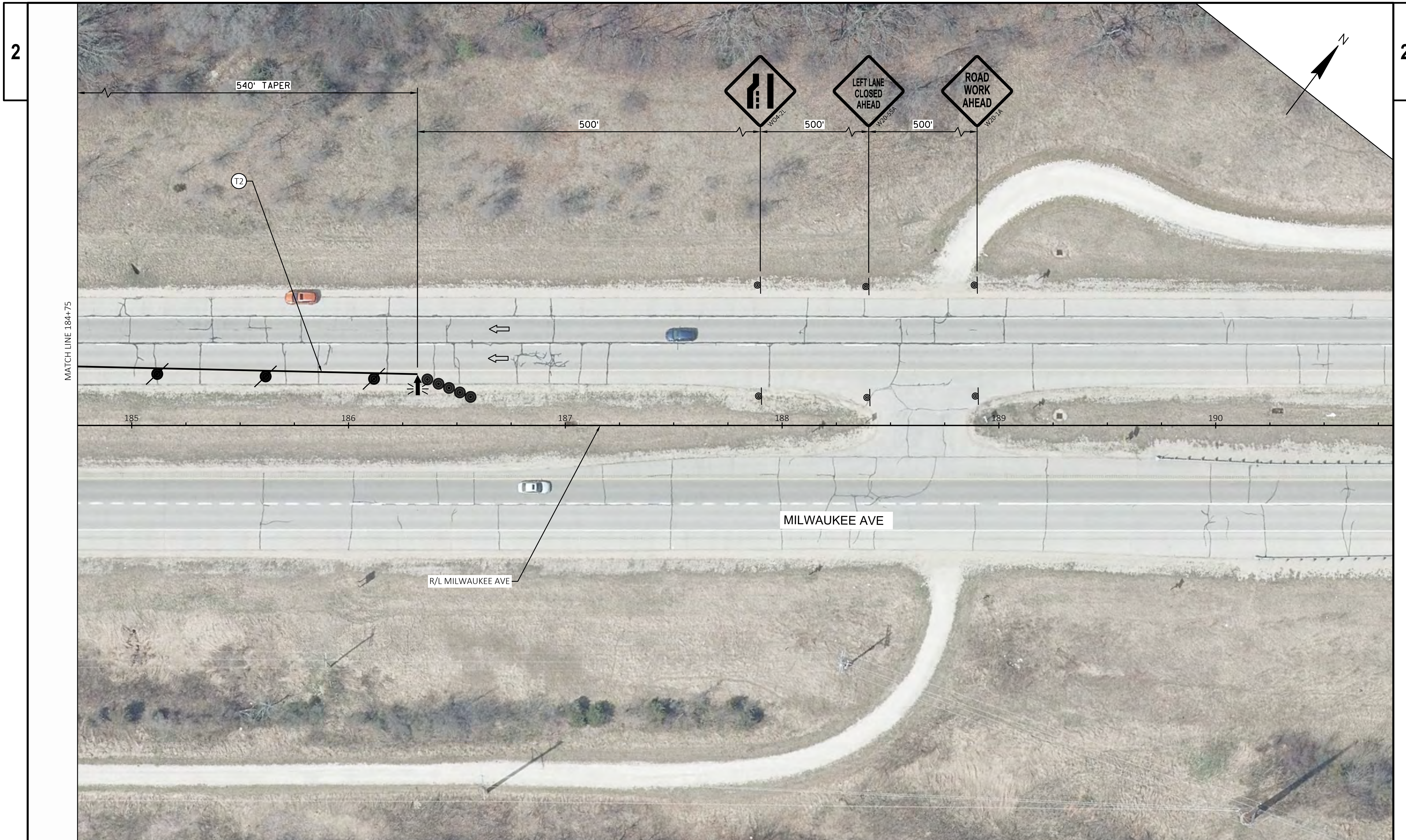
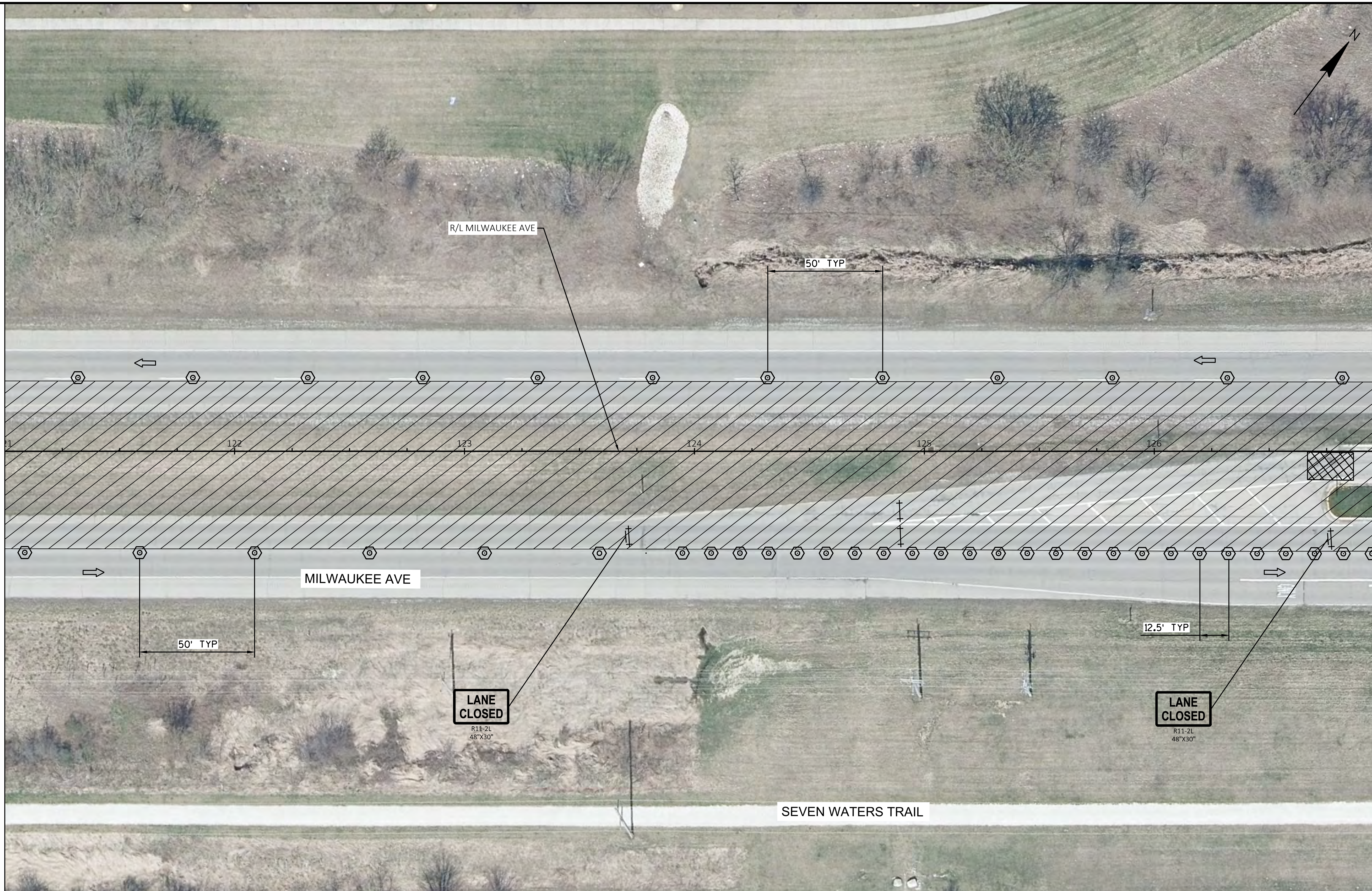
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 118	E



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 119	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025100-TC1.DWG
LAYOUT NAME - TC120
PLOT DATE : 7/28/2022 11:52 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1A	SHEET 120	E

2 2

MATCH LINE B

MATCH LINE A

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1A	SHEET 121	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025150-TC1.DWG
LAYOUT NAME - TC18
PLOT DATE : 7/28/2022 11:53 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : ##########

2

MATCH LINE 133+00

MATCH LINE 139+00 (SEE STAGE 1)

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1A	SHEET 122	E

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1A	SHEET 123	E

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1A	SHEET 124	E

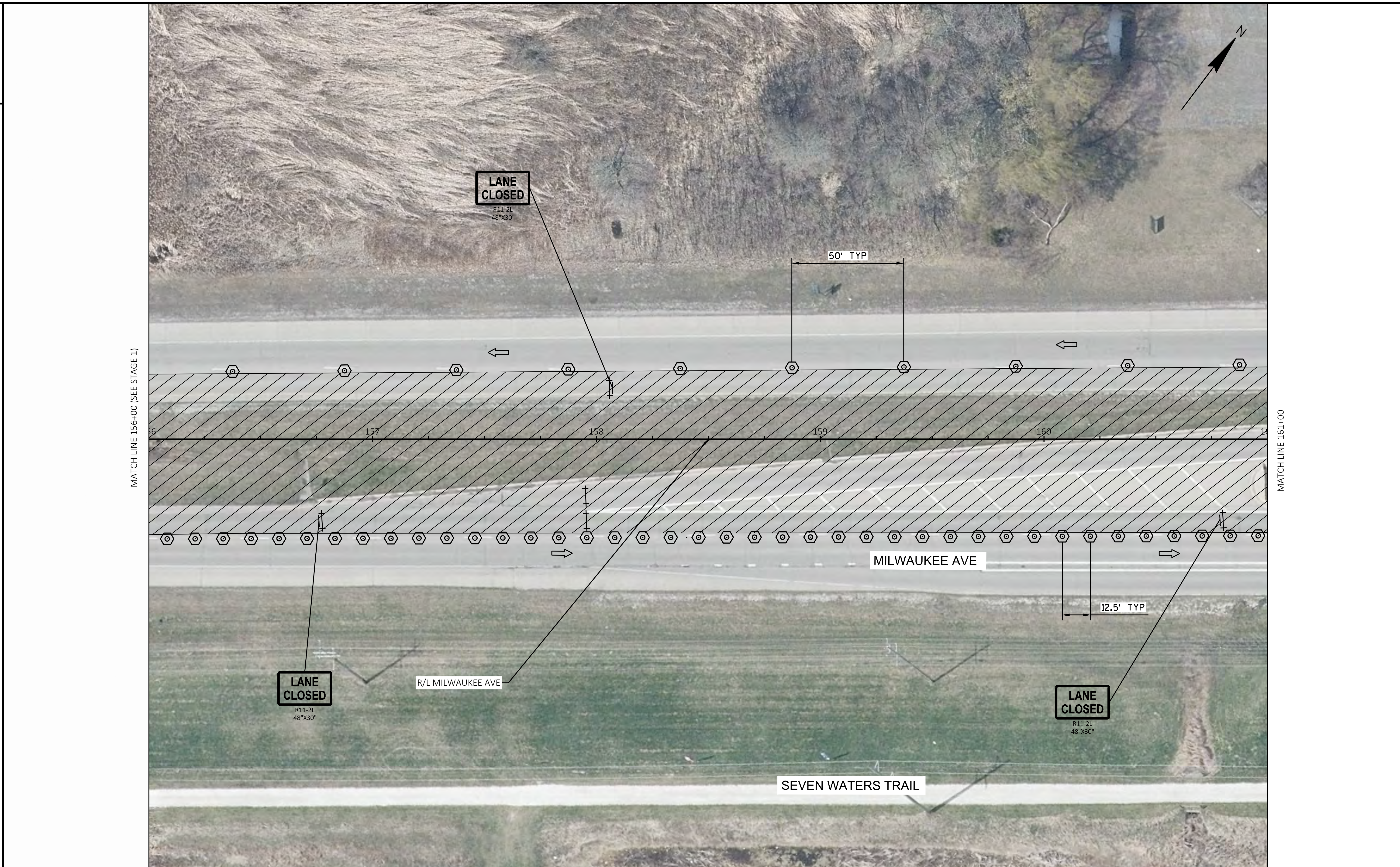
2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1A- FIXED MESSAGE SIGNS	SHEET 125	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025151-TC1.DWG
LAYOUT NAME - FMS1A
PLOT DATE : 7/28/2022 11:54 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : ##########

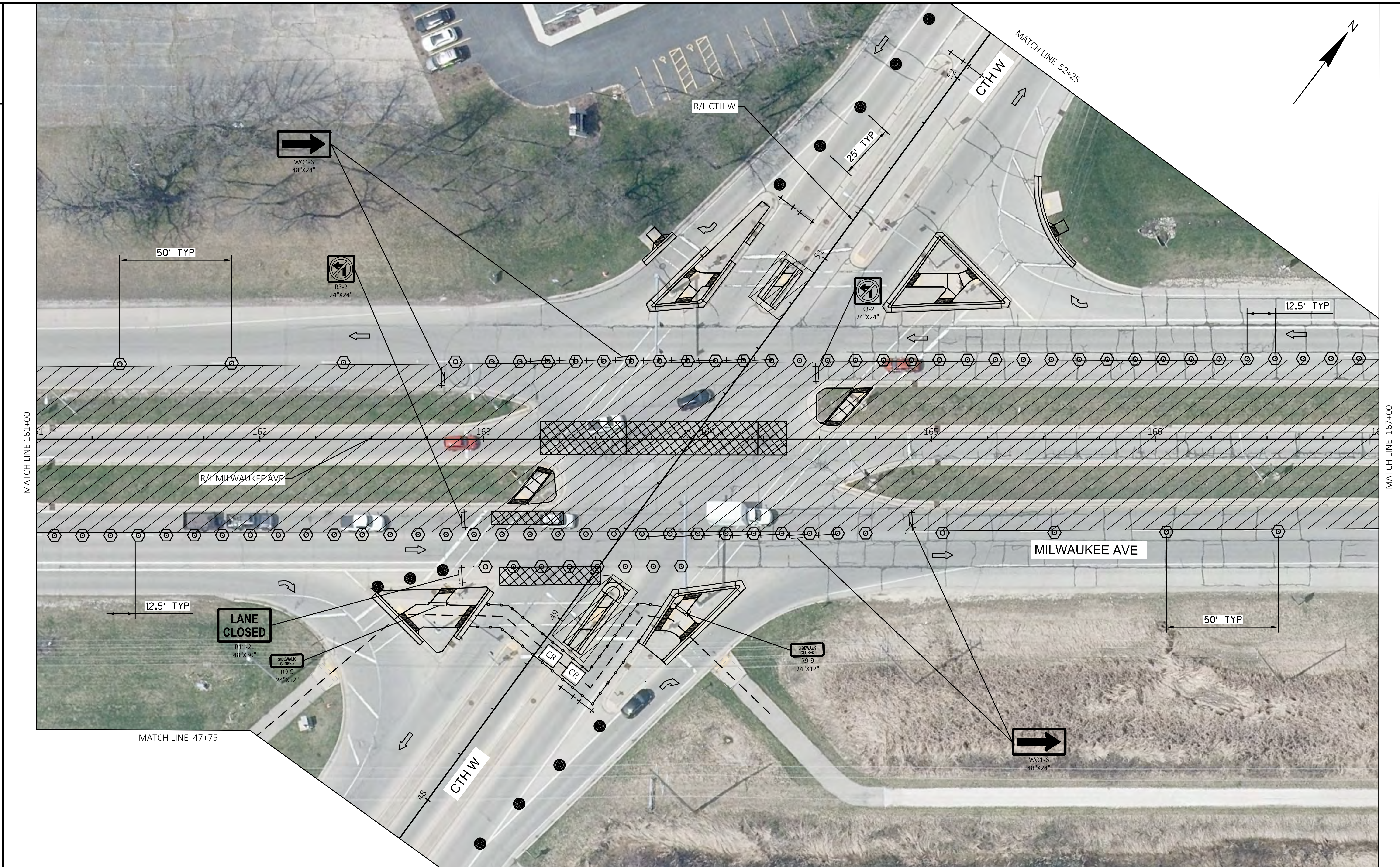
2



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1B	SHEET 126	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025150-TC1.DWG
LAYOUT NAME - TC113
PLOT DATE : 7/28/2022 11:55 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1B	SHEET 127	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025150-TC1.DWG
LAYOUT NAME - TC114
PLOT DATE : 7/28/2022 11:55 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1B	SHEET 128	E

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1B	SHEET 129	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025150-TC1.DWG
LAYOUT NAME - TCW1
PLOT DATE : 7/28/2022 11:55 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1B	SHEET 130	E

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1B- FIXED MESSAGE SIGNS	SHEET 131	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025152-TC1.DWG
LAYOUT NAME - FMS1B
PLOT DATE : 7/28/2022 11:56 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : ##########

2

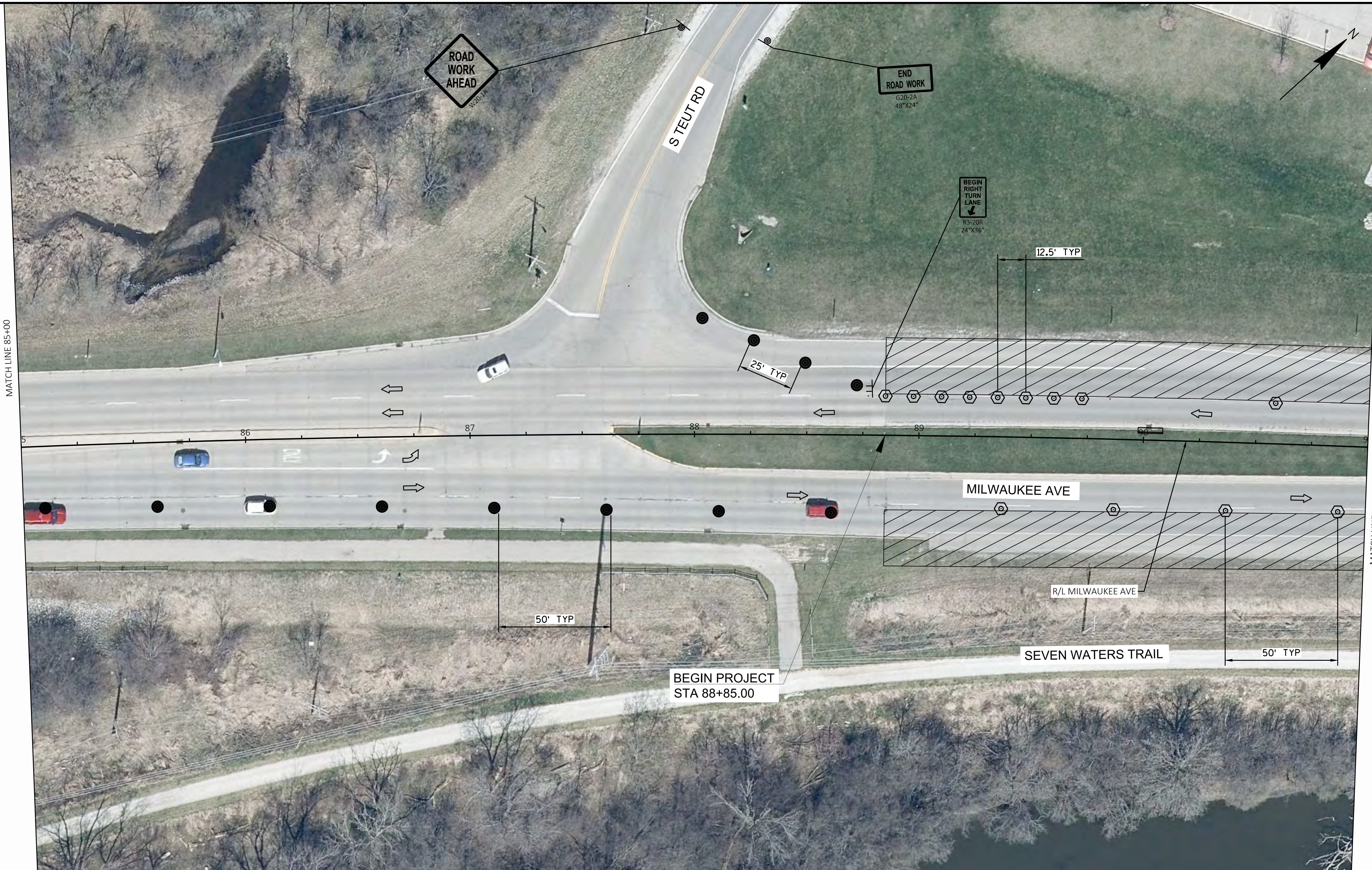
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 132	E

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 133	E

2



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 134	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC11
PLOT DATE : 7/28/2022 11:57 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 135	E

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 136	E

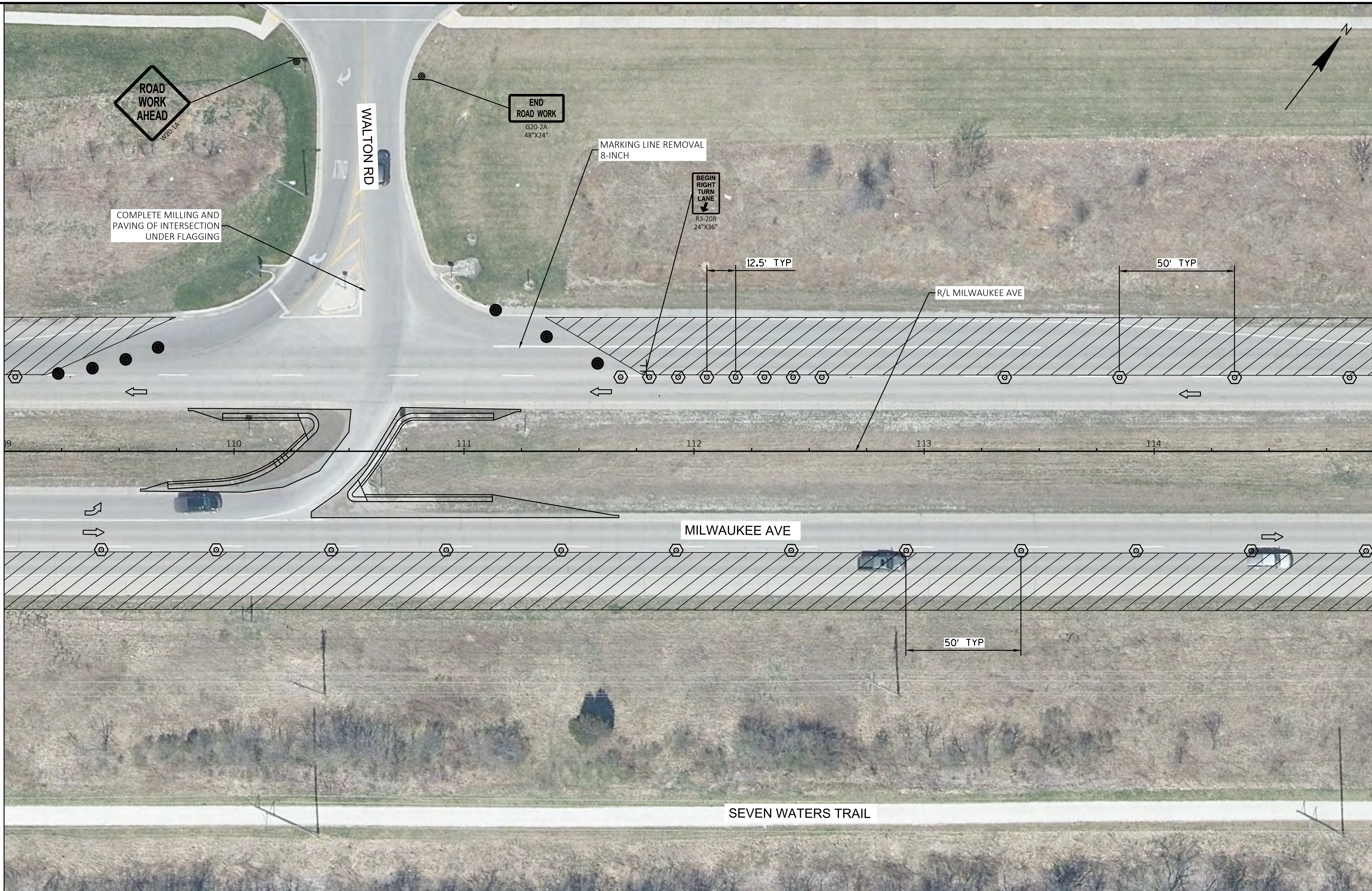
2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 137	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC14
PLOT DATE : 7/28/2022 11:57 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



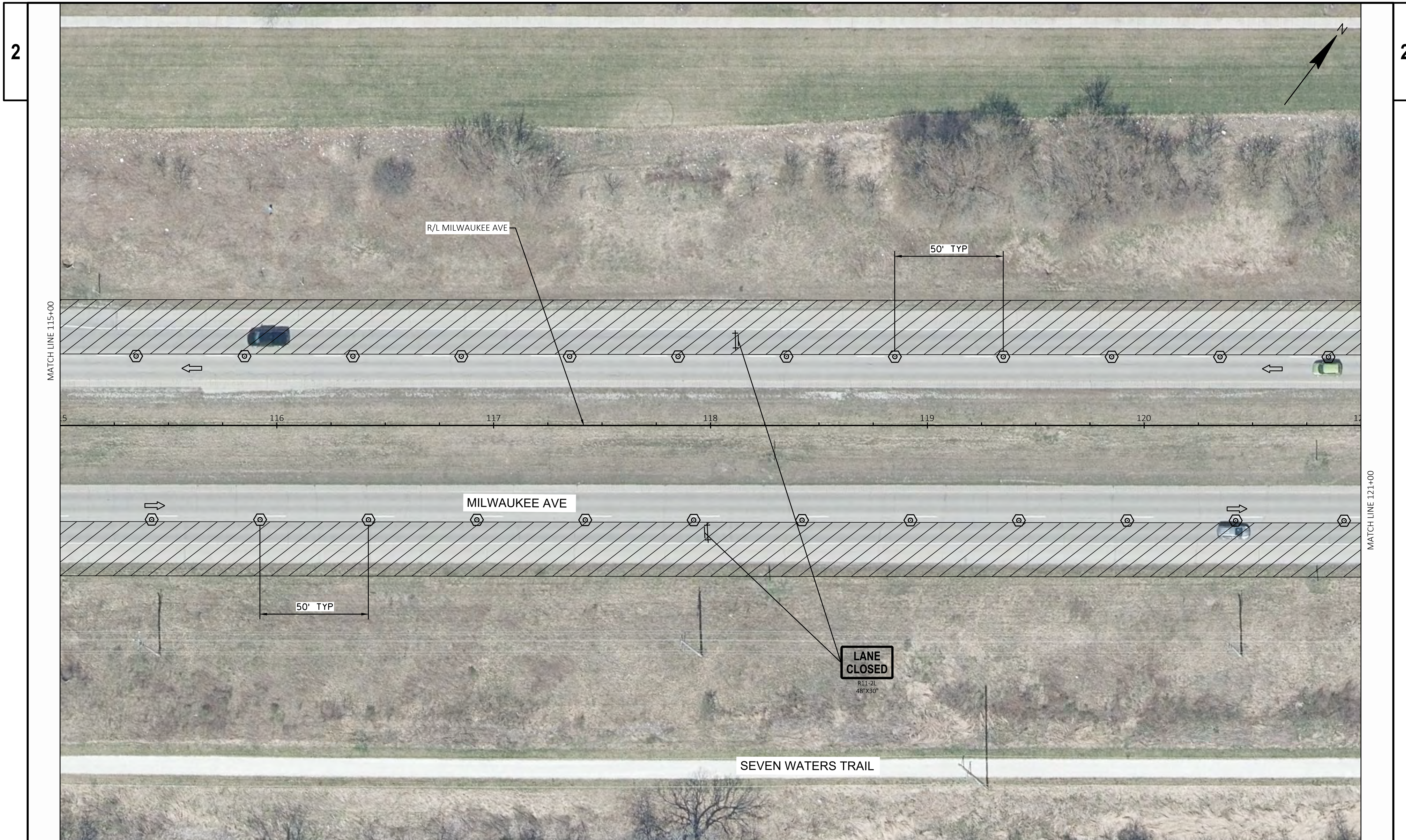
MATCH LINE 109+00

MATCH LINE 115+00

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 138	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC15
PLOT DATE : 7/28/2022 11:58 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

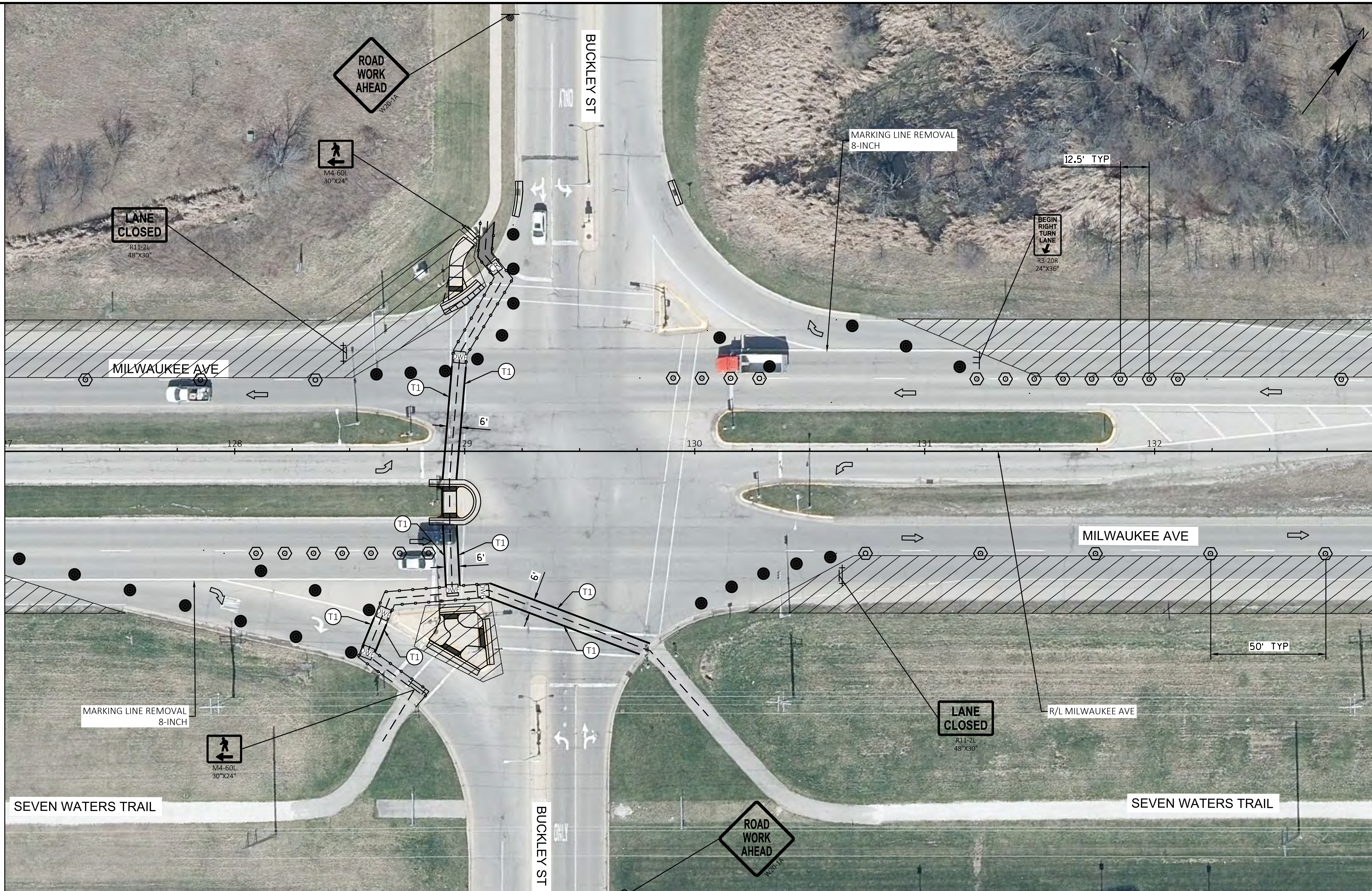


PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 139 E

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 140 E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC17
PLOT DATE : 7/28/2022 11:58 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

MATCH LINE 127+00



MATCH LINE 133+00

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 141	E

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 142	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC19

PLOT DATE : 7/28/2022 11:59 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

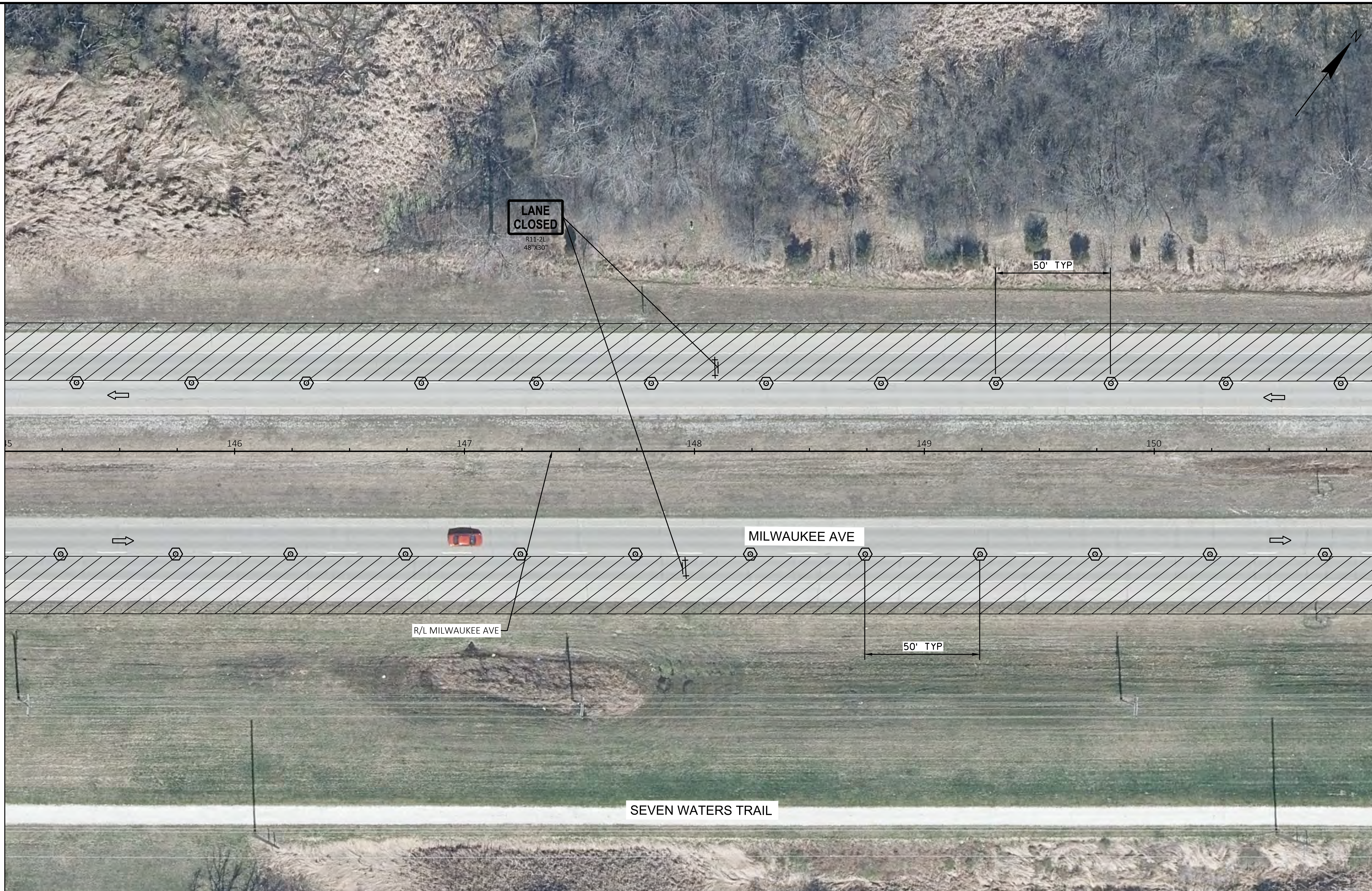
WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 143	E

2



2

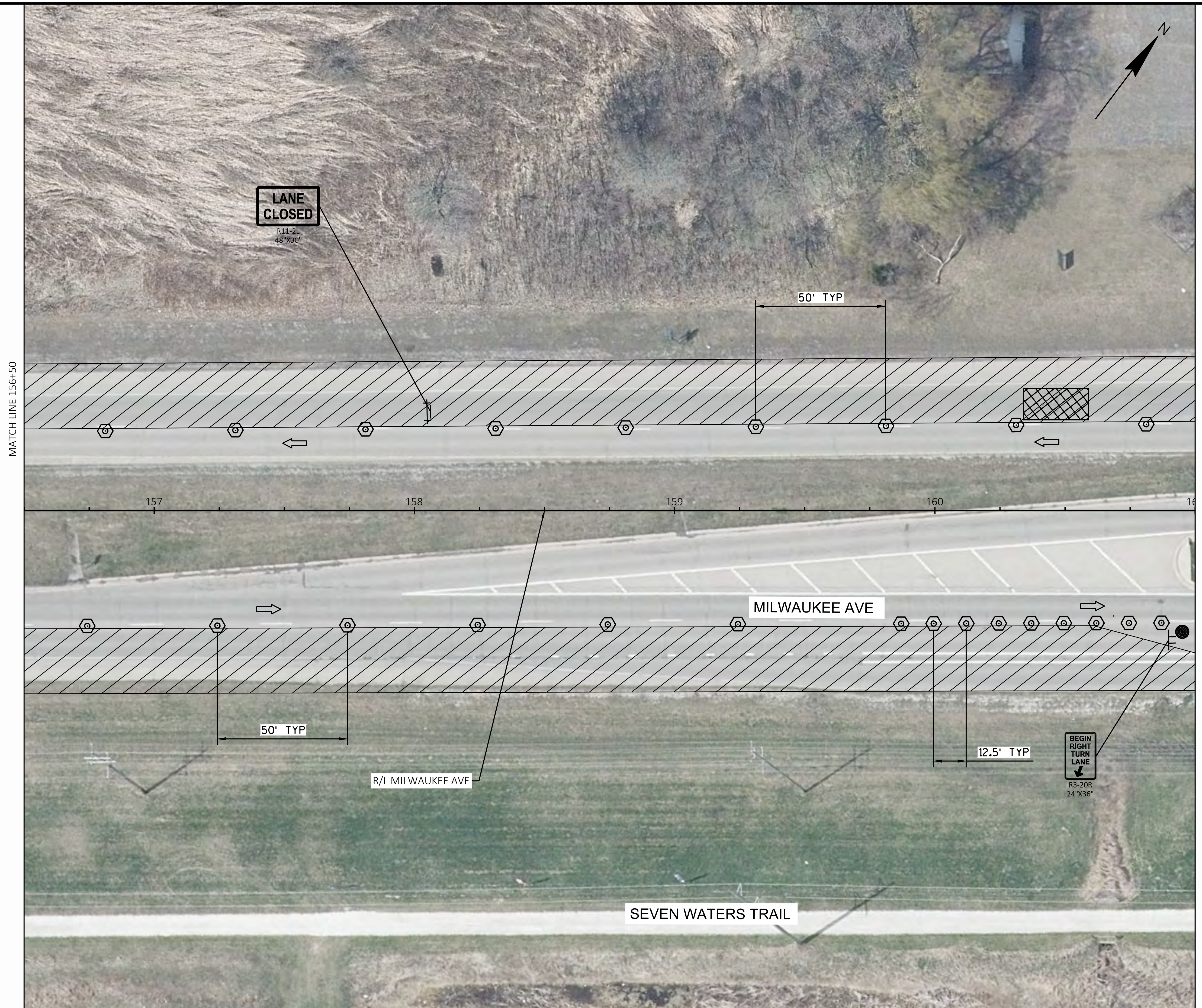
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 144	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC111
PLOT DATE : 7/28/2022 11:59 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

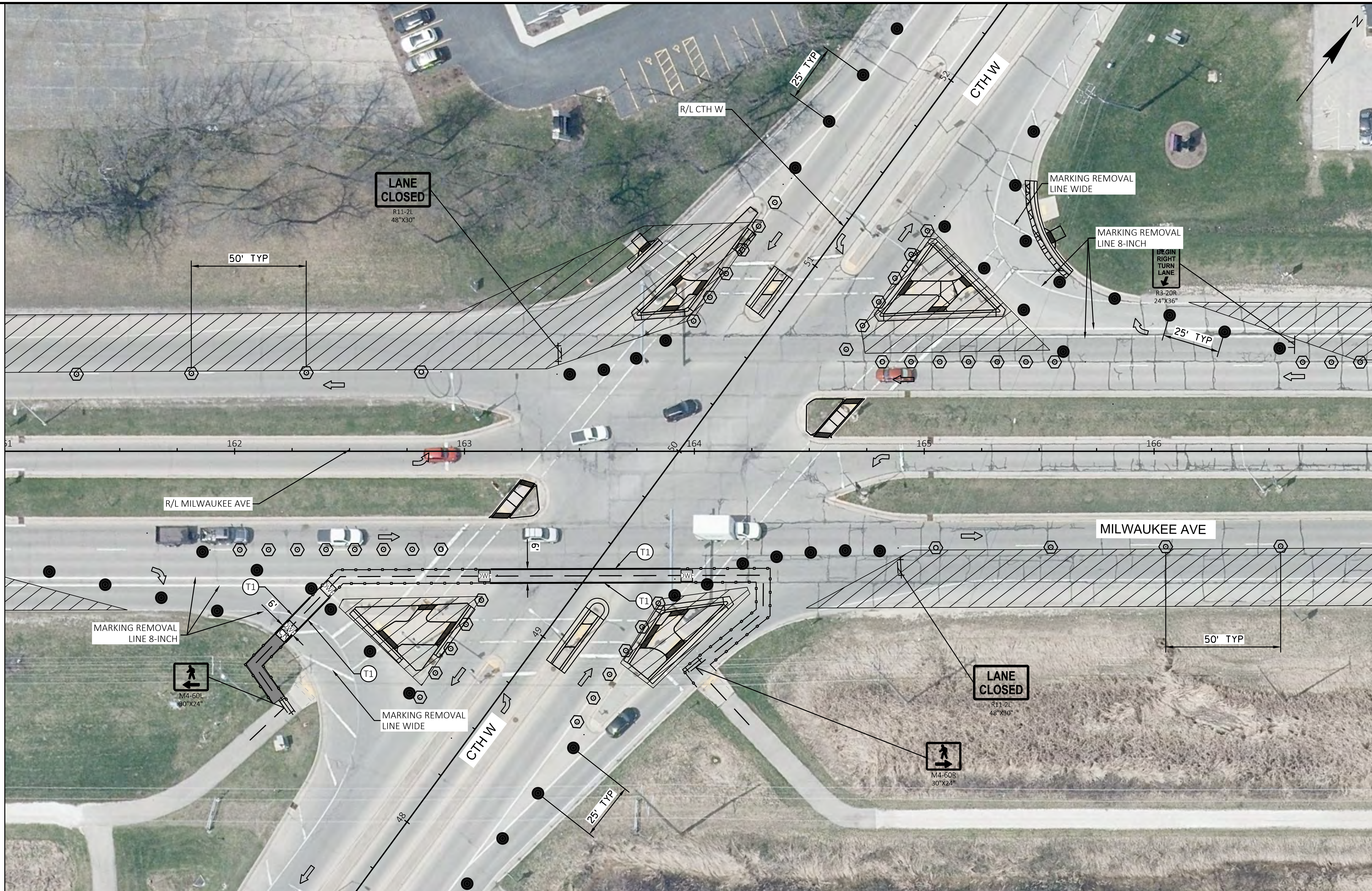
2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 145	E



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 146	E



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 147	E

2

MATCH LINE 167+00

MATCH LINE 173+00

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 148 E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC115
PLOT DATE : 7/28/2022 12:00 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

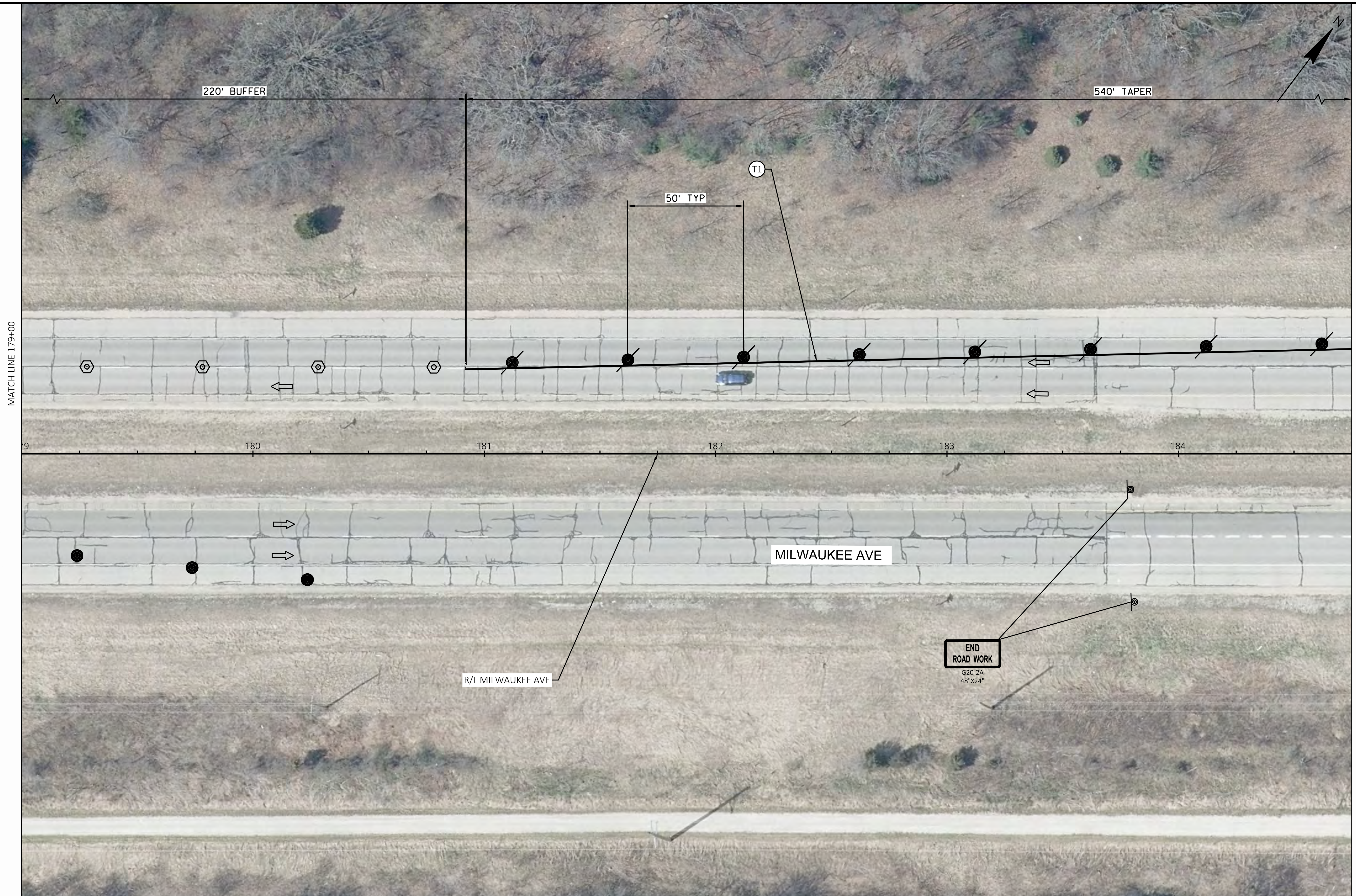
2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 149	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC116
PLOT DATE : 7/28/2022 12:01 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



2

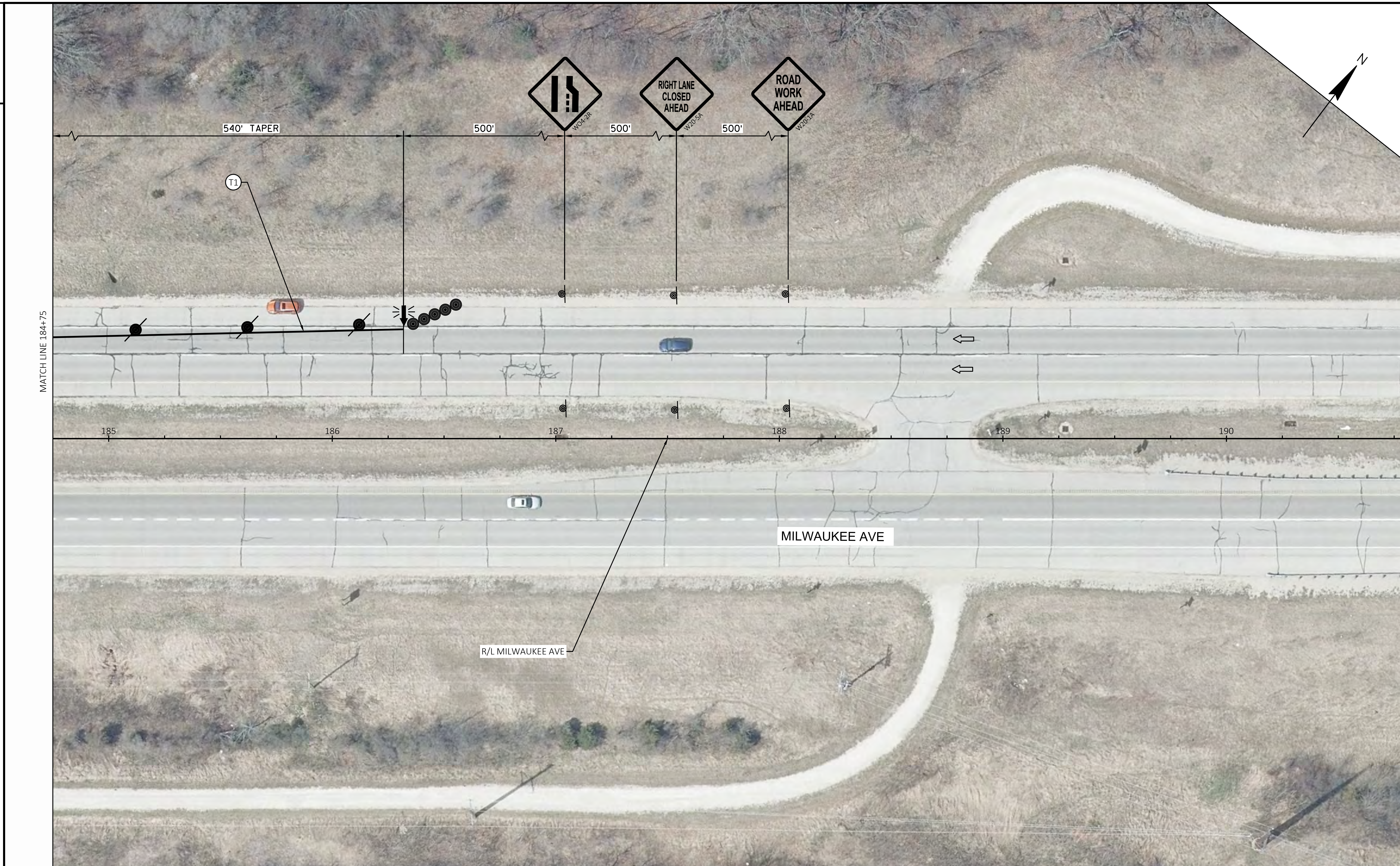
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 150	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC117

PLOT DATE : 7/28/2022 12:01 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 151	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC120
PLOT DATE : 7/28/2022 12:01 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 152	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC130-W
PLOT DATE : 7/28/2022 12:01 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 153	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025200-TC2.DWG
LAYOUT NAME - TC131-W
PLOT DATE : 7/28/2022 12:02 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

2

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2A	SHEET 154	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025250-TC2.DWG
LAYOUT NAME - TC17
PLOT DATE : 7/28/2022 12:02 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2A	SHEET 155	E

2

2

MATCH LINE 133+00

MATCH LINE 139+00 (SEE STAGE 2)

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2A	SHEET 156	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025250-TC2.DWG PLOT DATE : 7/28/2022 12:03 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : ##########

LAYOUT NAME - TC19

WISDOT/CADDS SHEET 42

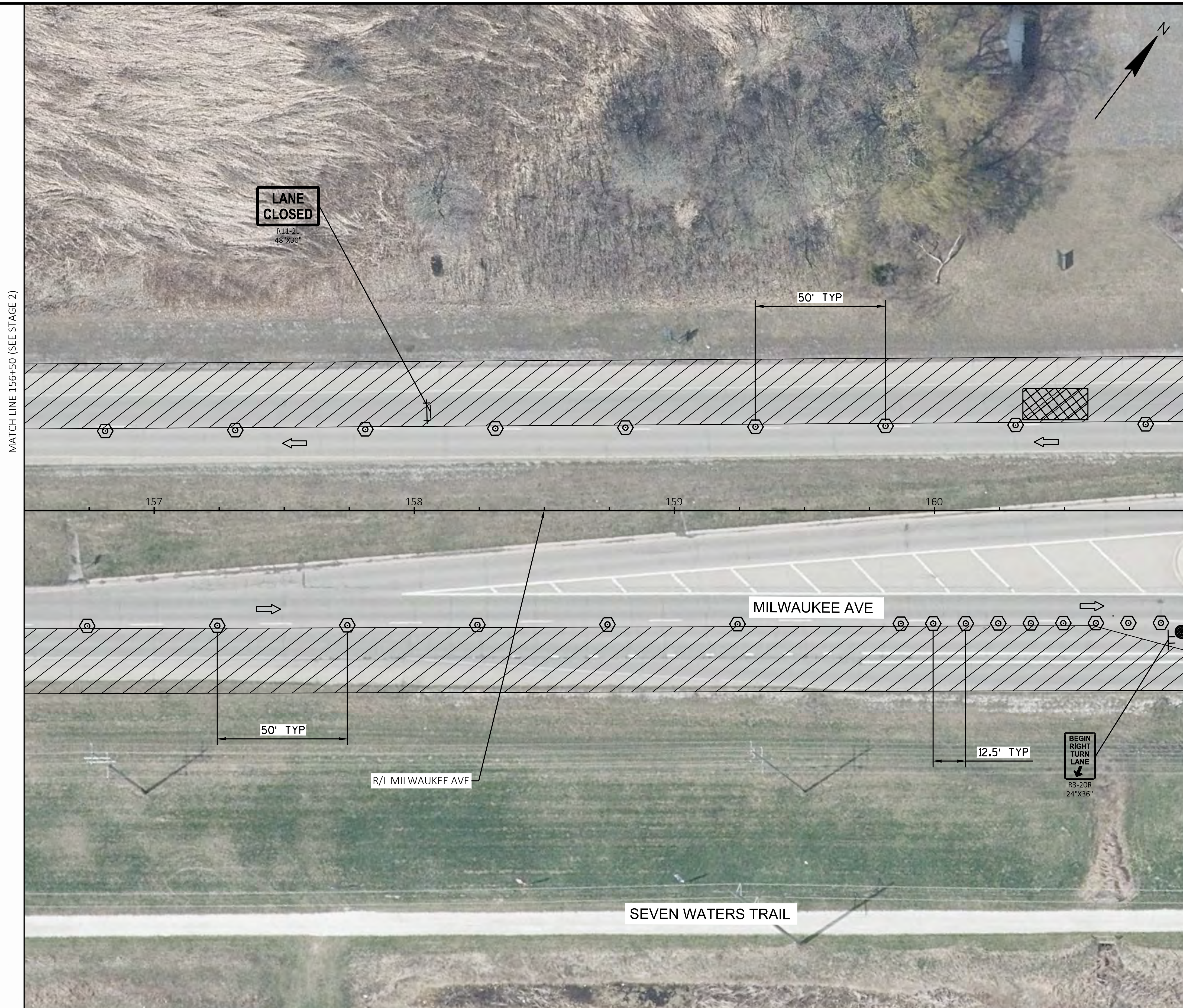
2

2

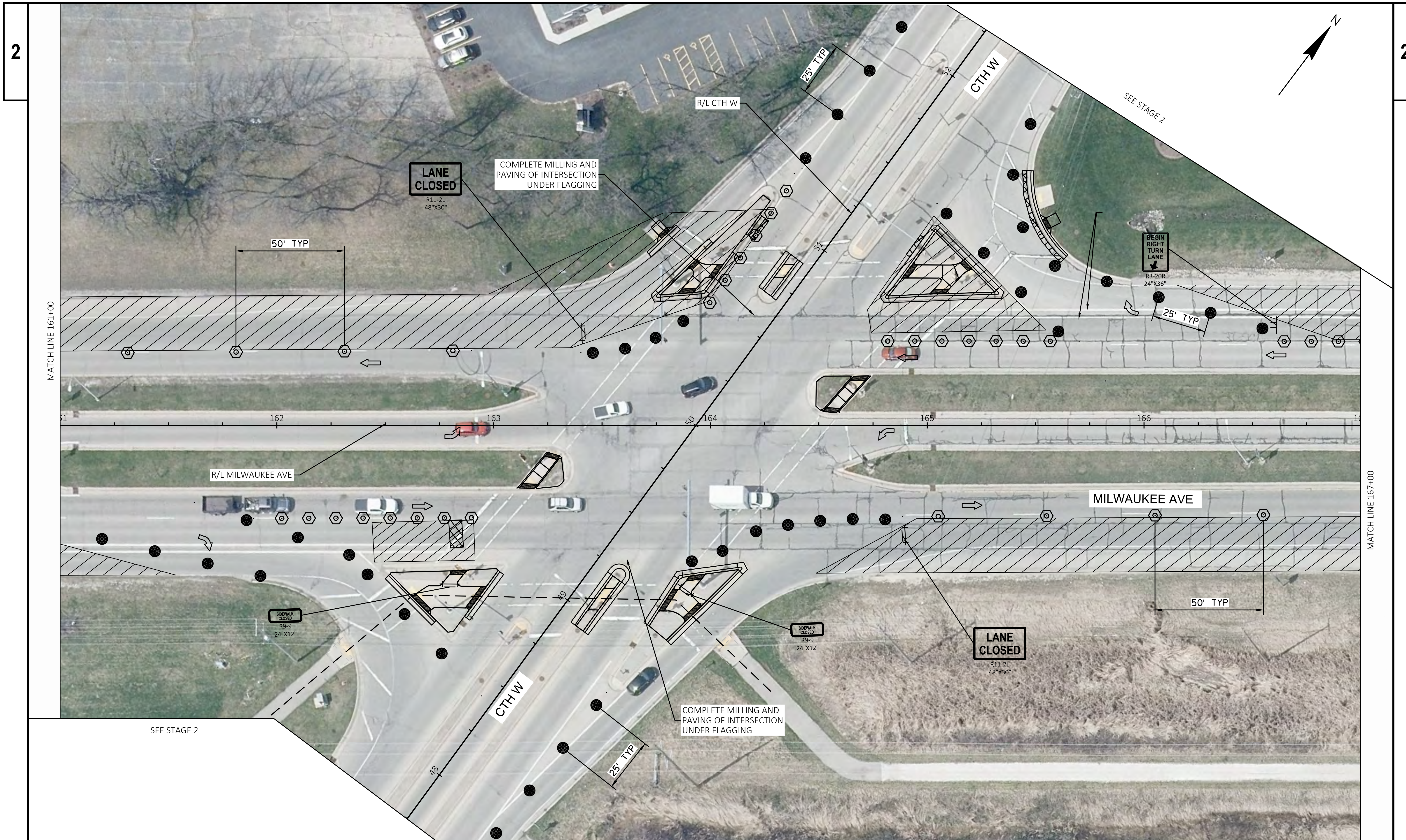
MATCH LINE C

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2A	SHEET 157	E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025250-TC2.DWG
LAYOUT NAME - TCB2
PLOT DATE : 7/28/2022 12:03 PM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



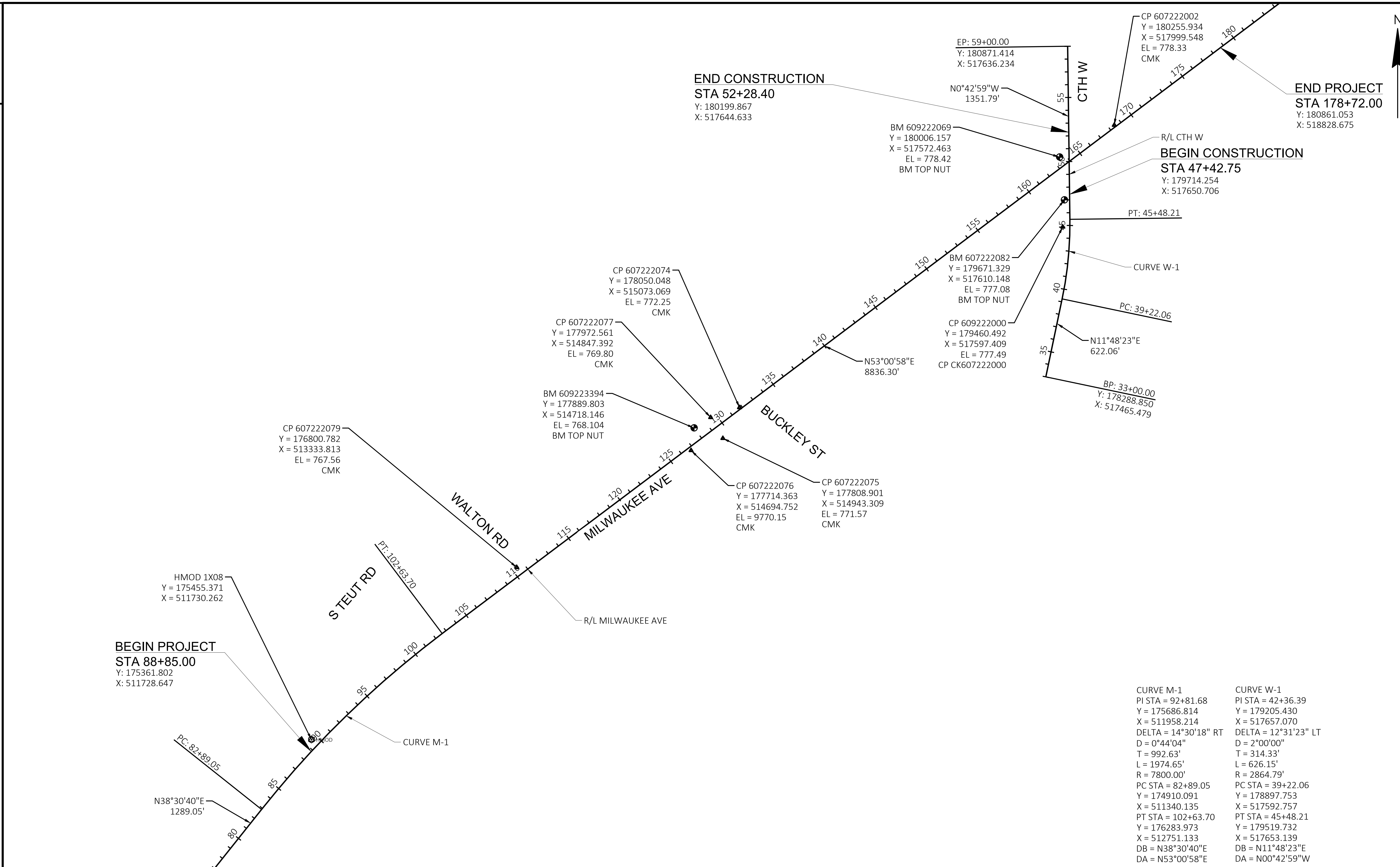
PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2B	SHEET 158	E



PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2B	SHEET 159 E

FILE NAME : D:\RACINE_CO\BURLINGTON_CITY\GOV\220526_MILWAUKEE AVENUE RESURFACING BIL\22400571\SHEETSPLAN\025250-TC2.DWG
LAYOUT NAME - TC114
PLOT DATE : 7/28/2022 12:03 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

PROJECT NO: 2240-05-71	HWY: MILWAUKEE AVENUE	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2B	SHEET 160	E


N
EP: 59+00.00
Y: 180871.414
X: 517636.234
CTH W
CP 607222002
Y = 180255.934
X = 517999.548
EL = 778.33
CMK
END PROJECT
STA 178+72.00
Y: 180861.053
X: 518828.675
END CONSTRUCTION
STA 52+28.40
Y: 180199.867
X: 517644.633
N0°42'59"W
1351.79'
BM 609222069
Y = 180006.157
X = 517572.463
EL = 778.42
BM TOP NUT
R/L CTH W
BEGIN CONSTRUCTION
STA 47+42.75
Y: 179714.254
X: 517650.706
PT: 45+48.21
CURVE W-1
BM 607222082
Y = 179671.329
X = 517610.148
EL = 777.08
BM TOP NUT
PC: 39+22.06
CP 609222000
Y = 179460.492
X = 517597.409
EL = 777.49
CP CK607222000
N11°48'23"E
622.06'
BP: 33+00.00
Y: 178288.850
X: 517465.479
N53°00'58"E
8836.30'
CP 607222074
Y = 178050.048
X = 515073.069
EL = 772.25
CMK
CP 607222077
Y = 177972.561
X = 514847.392
EL = 769.80
CMK
BM 609223394
Y = 177889.803
X = 514718.146
EL = 768.104
BM TOP NUT
BUCKLEY ST
CP 607222079
Y = 176800.782
X = 513333.813
EL = 767.56
CMK
CP 607222076
Y = 177714.363
X = 514694.752
EL = 9770.15
CMK
CP 607222075
Y = 177808.901
X = 514943.309
EL = 771.57
CMK
WALTON RD
MILWAUKEE AVE
R/L MILWAUKEE AVE
HMOD 1X08
Y = 175455.371
X = 511730.262
S TEUT RD
PT: 102+63.70
BEGIN PROJECT
STA 88+85.00
Y: 175361.802
X: 511728.647
CURVE M-1
PC: 82+89.05
N38°30'40"E
1289.05'
CURVE M-1
PI STA = 92+81.68
Y = 175686.814
X = 511958.214
DELTA = 14°30'18" RT
D = 0°44'04"
T = 992.63'
L = 1974.65'
R = 7800.00'
PC STA = 82+89.05
Y = 174910.091
X = 511340.135
PT STA = 102+63.70
Y = 176283.973
X = 512751.133
DB = N38°30'40"E
DA = N53°00'58"E
CURVE W-1
PI STA = 42+36.39
Y = 179205.430
X = 517657.070
DELTA = 12°31'23" LT
D = 2°00'00"
T = 314.33'
L = 626.15'
R = 2864.79'
PC STA = 39+22.06
Y = 178897.753
X = 517592.757
PT STA = 45+48.21
Y = 179519.732
X = 517653.139
DB = N11°48'23"E
DA = N00°42'59"W

				2240-05-71
Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**

Line	Item	Item Description	Unit	Total	Qty
0002	204.0115	Removing Asphaltic Surface Butt Joints	SY	283.000	283.000
0004	204.0120	Removing Asphaltic Surface Milling	SY	81,978.000	81,978.000
0006	204.0150	Removing Curb & Gutter	LF	773.000	773.000
0008	204.0155	Removing Concrete Sidewalk	SY	263.000	263.000
0010	205.0100	Excavation Common	CY	372.000	372.000
0012	213.0100	Finishing Roadway (project) 01. 2240-05-71	EACH	1.000	1.000
0014	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	237.000	237.000
0016	305.0500	Shaping Shoulders	STA	292.000	292.000
0018	390.0203	Base Patching Asphaltic	SY	594.000	594.000
0020	390.0303	Base Patching Concrete	SY	281.000	281.000
0022	390.0403	Base Patching Concrete Shes	SY	120.000	120.000
0024	416.0610	Drilled Tie Bars	EACH	261.000	261.000
0026	416.0620	Drilled Dowel Bars	EACH	216.000	216.000
0028	455.0605	Tack Coat	GAL	6,050.000	6,050.000
0030	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	1.000	1.000
0032	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	1.000	1.000
0034	460.2005	Incentive Density PWL HMA Pavement	DOL	8,840.000	8,840.000
0036	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	7,190.000	7,190.000
0038	460.2010	Incentive Air Voids HMA Pavement	DOL	14,790.000	14,790.000
0040	460.6223	HMA Pavement 3 MT 58-28 S	TON	64.000	64.000
0042	460.6224	HMA Pavement 4 MT 58-28 S	TON	14,786.000	14,786.000
0044	465.0400	Asphaltic Shoulder Rumble Strips	LF	24,899.000	24,899.000
0046	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	55.000	55.000
0048	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	909.000	909.000
0050	602.0410	Concrete Sidewalk 5-Inch	SF	3,995.000	3,995.000
0052	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	346.000	346.000
0054	611.0430	Reconstructing Inlets	EACH	4.000	4.000
0056	611.8115	Adjusting Inlet Covers	EACH	5.000	5.000
0058	619.1000	Mobilization	EACH	1.000	1.000
0060	620.0300	Concrete Median Sloped Nose	SF	148.000	148.000
0062	623.0200	Dust Control Surface Treatment	SY	371.000	371.000
0064	624.0100	Water	MGAL	3.000	3.000
0066	625.0100	Topsoil	SY	169.000	169.000
0068	627.0200	Mulching	SY	169.000	169.000
0070	628.1104	Erosion Bales	EACH	50.000	50.000
0072	628.1504	Silt Fence	LF	1,669.000	1,669.000
0074	628.1520	Silt Fence Maintenance	LF	1,669.000	1,669.000
0076	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000
0078	628.1910	Mobilizations Emergency Erosion Control	EACH	4.000	4.000
0080	628.2006	Erosion Mat Urban Class I Type A	SY	169.000	169.000
0082	628.7005	Inlet Protection Type A	EACH	5.000	5.000
0084	628.7020	Inlet Protection Type D	EACH	30.000	30.000
0086	628.7504	Temporary Ditch Checks	LF	72.000	72.000
0088	629.0210	Fertilizer Type B	CWT	1.000	1.000
0090	630.0130	Seeding Mixture No. 30	LB	5.000	5.000
0092	630.0200	Seeding Temporary	LB	5.000	5.000
0094	630.0500	Seed Water	MGAL	3.000	3.000
0096	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	9.000	9.000
0098	637.2210	Signs Type II Reflective H	SF	1,166.660	1,166.660

2240-05-71

Line	Item	Item Description	Unit	Total	Qty
0100	637.2230	Signs Type II Reflective F	SF	143.500	143.500
0102	638.2602	Removing Signs Type II	EACH	147.000	147.000
0104	638.3000	Removing Small Sign Supports	EACH	3.000	3.000
0106	642.5201	Field Office Type C	EACH	1.000	1.000
0108	643.0300	Traffic Control Drums	DAY	14,853.000	14,853.000
0110	643.0420	Traffic Control Barricades Type III	DAY	3,185.000	3,185.000
0112	643.0705	Traffic Control Warning Lights Type A	DAY	980.000	980.000
0114	643.0715	Traffic Control Warning Lights Type C	DAY	2,366.000	2,366.000
0116	643.0800	Traffic Control Arrow Boards	DAY	206.000	206.000
0118	643.0900	Traffic Control Signs	DAY	5,891.000	5,891.000
0120	643.0920	Traffic Control Covering Signs Type II	EACH	12.000	12.000
0122	643.1000	Traffic Control Signs Fixed Message	SF	70.000	70.000
0124	643.1050	Traffic Control Signs PCMS	DAY	206.000	206.000
0126	643.1070	Traffic Control Cones 42-Inch	DAY	46,840.000	46,840.000
0128	643.3150	Temporary Marking Line Removable Tape 4-Inch	LF	2,931.000	2,931.000
0130	643.5000	Traffic Control	EACH	1.000	1.000
0132	644.1410	Temporary Pedestrian Surface Asphalt	SF	603.000	603.000
0134	644.1601	Temporary Pedestrian Curb Ramp	DAY	95.000	95.000
0136	644.1605	Temporary Pedestrian Detectable Warning Field	SF	348.000	348.000
0138	644.1810	Temporary Pedestrian Barricade	LF	2,288.000	2,288.000
0140	646.1020	Marking Line Epoxy 4-Inch	LF	55,878.000	55,878.000
0142	646.3020	Marking Line Epoxy 8-Inch	LF	4,714.000	4,714.000
0144	646.5020	Marking Arrow Epoxy	EACH	21.000	21.000
0146	646.5120	Marking Word Epoxy	EACH	6.000	6.000
0148	646.6120	Marking Stop Line Epoxy 18-Inch	LF	433.000	433.000
0150	646.7120	Marking Diagonal Epoxy 12-Inch	LF	990.000	990.000
0152	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	1,373.000	1,373.000
0154	646.8120	Marking Curb Epoxy	LF	242.000	242.000
0156	646.8220	Marking Island Nose Epoxy	EACH	9.000	9.000
0158	646.9100	Marking Removal Line 8-Inch	LF	1,424.000	1,424.000
0160	646.9200	Marking Removal Line Wide	LF	198.000	198.000
0162	690.0150	Sawing Asphalt	LF	2,838.000	2,838.000
0164	690.0250	Sawing Concrete	LF	1,433.000	1,433.000
0166	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	500.000	500.000
0168	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	1,800.000	1,800.000
0170	SPV.0035	Special 80. Bark Mulch	CY	123.000	123.000
0172	SPV.0060	Special 01. Survey Project ID 2240-05-71	EACH	1.000	1.000
0174	SPV.0060	Special 02. Curb Ramp Grading, Shaping, and Finishing	EACH	13.000	13.000
0176	SPV.0060	Special 03. Reconnect Pipe Underdrain to Existing Structure	EACH	1.000	1.000
0178	SPV.0060	Special 51. Adjusting Sanitary Manhole	EACH	3.000	3.000
0180	SPV.0060	Special 52. Adjusting Water Valve Boxes	EACH	3.000	3.000
0182	SPV.0075	Special 01. Pavement Cleanup Project	HRS	16.000	16.000
0184	SPV.0090	Special 80. Steel Edging Material	LF	274.000	274.000

3

REMOVALS

CATEGORY	STATION	TO	STATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY
0010	88+85	-	91+00	41	1,589	11	--
0010	91+00	-	97+00	--	4,356	33	--
0010	97+00	-	103+00	--	4,377	11	--
0010	103+00	-	109+00	--	4,898	--	--
0010	109+00	-	115+00	27	5,599	--	--
0010	115+00	-	121+00	--	4,796	--	--
0010	121+00	-	127+00	--	5,303	--	--
0010	127+00	-	133+00	66	8,278	156	80
0010	133+00	-	139+00	--	4,916	--	--
0010	139+00	-	145+00	--	4,700	--	--
0010	145+00	-	151+00	--	4,642	--	--
0010	151+00	-	156+50	--	4,235	--	--
0010	156+50	-	161+00	--	4,355	--	--
0010	161+00	-	167+00	101	9,436	562	183
0010	167+00	-	173+00	--	5,843	--	--
0010	173+00	-	178+72	48	4,655	--	--
			TOTAL 0010	283	81,978	773	263

EXCAVATION COMMON

CATEGORY	LOCATION	205.0100 EXCAVATION COMMON CY
0010	WALTON RD LEFT TURN LANE	249
0010	BARK MULCH AREAS	123
	TOTAL 0010	372

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FINISHING ROADWAY

CATEGORY	PROJECT	213.0100.01 FINISHING ROADWAY (2240-05-71) EACH
0010	PROJECT 2240-05-71	1
	TOTAL 0010	1

BASE PATCHING

CATEGORY	STATION	TO	STATION	390.0203 BASE PATCHING ASPHALTIC SY	390.0303 BASE PATCHING CONCRETE SY	390.0403 BASE PATCHING CONCRETE SHES SY
0010	88+85	-	91+00	3	--	--
0010	91+00	-	97+00	8	--	--
0010	97+00	-	103+00	3	43	--
0010	103+00	-	109+00	--	8	--
0010	109+00	-	115+00	--	--	--
0010	115+00	-	121+00	--	--	--
0010	121+00	-	127+00	67	28	--
0010	127+00	-	133+00	234	8	--
0010	133+00	-	139+00	67	--	--
0010	139+00	-	145+00	--	8	--
0010	145+00	-	151+00	--	--	--
0010	151+00	-	156+50	--	--	--
0010	156+50	-	161+00	34	12	--
0010	161+00	-	167+00	127	158	120
0010	167+00	-	173+00	51	--	--
0010	173+00	-	178+72	--	16	--
			TOTAL 0010	594	281	120

AGGREGATE ITEMS

CATEGORY	STATION	TO	STATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0500 SHAPING SHOULDERS STA
0010	WALTON RD LEFT TURN LANE			237	--
0010	88+85	-	178+72	--	292
			TOTAL 0010	237	292

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DRILLED BAR ITEMS

CATEGORY	ROADWAY	STATION	TO	STATION	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH
0010	MILWAUKEE AVE	88+85	-	91+00	--	--
0010	MILWAUKEE AVE	91+00	-	97+00	--	--
0010	MILWAUKEE AVE	97+00	-	103+00	16	64
0010	MILWAUKEE AVE	103+00	-	109+00	4	16
0010	MILWAUKEE AVE	109+00	-	115+00	--	--
0010	MILWAUKEE AVE	115+00	-	121+00	--	--
0010	MILWAUKEE AVE	121+00	-	127+00	14	32
0010	MILWAUKEE AVE	127+00	-	133+00	4	16
0010	MILWAUKEE AVE	133+00	-	139+00	--	--
0010	MILWAUKEE AVE	139+00	-	145+00	4	16
0010	MILWAUKEE AVE	145+00	-	151+00	--	--
0010	MILWAUKEE AVE	151+00	-	156+50	--	--
0010	MILWAUKEE AVE	156+50	-	161+00	12	8
0010	MILWAUKEE AVE	161+00	-	167+00	201	32
0010	MILWAUKEE AVE	167+00	-	173+00	--	--
0010	MILWAUKEE AVE	173+00	-	178+72	6	32
				TOTAL 0010	261	216

HMA PAVEMENT

CATEGORY	LOCATION	STATION	TO	STATION	455.0605 TACK COAT GAL	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON
0010	MILWAUKEE AVE	88+85	-	91+00	117	--	286
0010	MILWAUKEE AVE	91+00	-	97+00	321	--	784
0010	MILWAUKEE AVE	97+00	-	103+00	322	--	788
0010	MILWAUKEE AVE	103+00	-	109+00	360	--	882
0010	MILWAUKEE AVE	109+00	-	115+00	412	--	1,008
0011	WALTON RD LEFT TURN LANE	109+00	-	115+00	16	64	26
0010	MILWAUKEE AVE	115+00	-	121+00	353	--	864
0010	MILWAUKEE AVE	121+00	-	127+00	390	--	955
0010	MILWAUKEE AVE	127+00	-	133+00	609	--	1,490
0010	MILWAUKEE AVE	133+00	-	139+00	362	--	885
0010	MILWAUKEE AVE	139+00	-	145+00	346	--	846
0010	MILWAUKEE AVE	145+00	-	151+00	342	--	836
0010	MILWAUKEE AVE	151+00	-	156+50	312	--	763
0010	MILWAUKEE AVE	156+50	-	161+00	321	--	784
0010	MILWAUKEE AVE	161+00	-	167+00	694	--	1,699
0010	MILWAUKEE AVE	167+00	-	173+00	430	--	1,052
0010	MILWAUKEE AVE	173+00	-	178+72	343	--	838
				TOTAL 0010	6,050	64	14,786

PWL MIXTURE USE TABLE

THE FOLLOWING ACCEPTANCE CRITERIA ARE APPLICABLE FOR THIS PROJECT:

LOCATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO BE USED FOR: MIXTURE ACCEPTANCE	QUALITY MANAGEMENT PROGRAM TO BE USED FOR: DENSITY ACCEPTANCE
MILWAUKEE AVE & CTH W 12' DRIVING LANES	UPPER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	8838	3"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MILWAUKEE AVE & CTH W SHOULDERS & TURN LANES	UPPER LAYER	MILLED EXISTING HMA SURFACE OR BASE AGGREGATE	4 MT 58-28 S	5922	3"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
WALTON RD LEFT TURN LANE WIDENING	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	26	2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
WALTON RD LEFT TURN LANE WIDENING	MIDDLE LAYER	3 MT 58-28 S	3 MT 58-28 S	32	2 1/2"	QMP AS PER SS 460	ACCEPTANCE BY ORDINARY COMPACTION
WALTON RD LEFT TURN LANE WIDENING	LOWER LAYER	BASE AGGREGATE	3 MT 58-28 S	32	2 1/2"	QMP AS PER SS 460	ACCEPTANCE BY ORDINARY COMPACTION

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RUMBLE STRIPS

CATEGORY	STATION	TO	STATION	LOCATION	465.0400 ASPHALTIC SHOULDER RUMBLE STRIPS LF
0010	88+85	-	91+00	NB OUTSIDE	215
0010	88+85	-	91+00	SB OUTSIDE	215
0010	91+00	-	97+00	NB OUTSIDE	600
0010	91+00	-	97+00	SB OUTSIDE	600
0010	97+00	-	103+00	NB OUTSIDE	600
0010	97+00	-	103+00	NB INSIDE	100
0010	97+00	-	103+00	SB INSIDE	100
0010	97+00	-	103+00	SB OUTSIDE	600
0010	103+00	-	109+00	NB OUTSIDE	600
0010	103+00	-	109+00	NB INSIDE	360
0010	103+00	-	109+00	SB INSIDE	600
0010	103+00	-	109+00	SB OUTSIDE	580
0010	109+00	-	115+00	NB OUTSIDE	600
0010	109+00	-	115+00	NB INSIDE	386
0010	109+00	-	115+00	SB INSIDE	480
0010	115+00	-	121+00	NB OUTSIDE	600
0010	115+00	-	121+00	NB INSIDE	600
0010	115+00	-	121+00	SB INSIDE	600
0010	115+00	-	121+00	SB OUTSIDE	575
0010	121+00	-	127+00	NB OUTSIDE	375
0010	121+00	-	127+00	NB INSIDE	290
0010	121+00	-	127+00	SB INSIDE	600
0010	121+00	-	127+00	SB OUTSIDE	600
0010	127+00	-	133+00	NB OUTSIDE	180
0010	127+00	-	133+00	NB INSIDE	255
0010	127+00	-	133+00	SB INSIDE	160
0010	127+00	-	133+00	SB OUTSIDE	60
0010	133+00	-	139+00	NB OUTSIDE	600
0010	133+00	-	139+00	NB INSIDE	600
0010	133+00	-	139+00	SB INSIDE	448
0010	133+00	-	139+00	SB OUTSIDE	535
0010	139+00	-	145+00	NB OUTSIDE	600
0010	139+00	-	145+00	NB INSIDE	600
0010	139+00	-	145+00	SB INSIDE	600
0010	139+00	-	145+00	SB OUTSIDE	600
0010	145+00	-	151+00	NB OUTSIDE	600
0010	145+00	-	151+00	NB INSIDE	600
0010	145+00	-	151+00	SB INSIDE	600
0010	145+00	-	151+00	SB OUTSIDE	600
0010	151+00	-	156+50	NB OUTSIDE	550
0010	151+00	-	156+50	NB INSIDE	550
0010	151+00	-	156+50	SB INSIDE	550
0010	151+00	-	156+50	SB OUTSIDE	550
0010	156+50	-	161+00	NB OUTSIDE	190
0010	156+50	-	161+00	NB INSIDE	16
0010	156+50	-	161+00	SB OUTSIDE	450
0010	161+00	-	167+00	NB OUTSIDE	165
0010	161+00	-	167+00	SB OUTSIDE	130
0010	167+00	-	173+00	NB OUTSIDE	600
0010	167+00	-	173+00	NB INSIDE	40
0010	167+00	-	173+00	SB INSIDE	40
0011	167+00	-	173+00	SB OUTSIDE	266
0010	173+00	-	178+72	NB OUTSIDE	572
0010	173+00	-	178+72	NB INSIDE	572
0010	173+00	-	178+72	SB INSIDE	572
0010	173+00	-	178+72	SB OUTSIDE	572
				TOTAL 0010	24,899

CURB & GUTTER

CATEGORY	STATION	TO	STATION	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0557 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF
0010	88+85	-	91+00	11	--
0010	91+00	-	97+00	33	--
0010	97+00	-	103+00	11	--
0010	103+00	-	109+00	--	--
0010	109+00	-	115+00	--	227
0010	115+00	-	121+00	--	--
0010	121+00	-	127+00	--	--
0010	127+00	-	133+00	--	156
0010	133+00	-	139+00	--	--
0010	139+00	-	145+00	--	--
0010	145+00	-	151+00	--	--
0010	151+00	-	156+50	--	--
0010	156+50	-	161+00	--	--
0010	161+00	-	167+00	--	526
0010	167+00	-	173+00	--	--
0010	173+00	-	178+72	--	--
			TOTAL 0010	55	909

CONCRETE SIDEWALK

CATEGORY	STATION	TO	STATION	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF
0010	128+00	-	130+00	729	80
0010	162+00	-	166+00	3,266	266
			TOTAL 0010	3,995	346

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RECONSTRUCTING/ADJUSTING INLETS

CATEGORY	STATION	TO	STATION	611.0430 RECONSTRUCTING INLETS EACH	611.8115 ADJUSTING INLET COVERS EACH
0010	88+85	-	178+72	4	5
			TOTAL 0010	4	5

CONCRETE MEDIAN SLOPED NOSE

CATEGORY	STATION	TO	STATION	620.0300 CONCRETE MEDIAN SLOPED NOSE SF
0010	162+00	-	166+00	148
			TOTAL 0010	148

MOBILIZATION

CATEGORY	PROJECT	619.1000 MOBILIZATION EACH
0010	2240-05-71	1
	TOTAL 0010	1

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DUST CONTROL

CATEGORY	PROJECT	623.0200 DUST CONTROL SURFACE TREATMENT SY
0010	2240-05-71	371
	TOTAL 0010	371

WATER

CATEGORY	LOCATION	624.0100 WATER MGAL
0010	PROJECT-BASE AGGREGATE	1
0010	PROJECT- EXCAVATION	2
	TOTAL 0010	3

EROSION CONTROL & RESTORATION

CATEGORY	LOCATION	625.0100 TOPSOIL SY	627.0200 MULCHING* SY	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.7005 INLET PROTECTION TYPE A EACH	628.7020 INLET PROTECTION TYPE D EACH	628.7504 TEMPORARY DITCH CHECKS LF	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0200 SEEDING TEMPORARY* LB	630.0500 SEED WATER MGAL
0010	MILWAUKEE AVE	--	--	--	1,335	1,335	--	--	--	5	30	60	--	--	--	--
0010	WALTON RD LEFT TURN LANE	169	169	--	--	--	--	--	169	--	--	--	1	4	5	2
0010	SUBTOTAL	169	169	--	1,335	1,335	--	--	169	5	30	60	1	4	--	2
0010	UNDISTRIBUTED	--	--	50	334	334	1	4	--	--	--	12	--	1	--	1
	TOTAL 0010	169	169	50	1,669	1,669	1	4	169	5	30	72	1	5	5	3

*SEEDING TEMPORARY AND MULCHING ITEMS TO BE USED AT THE DIRECTION OF THE ENGINEER PER THE EROSION CONTROL ARTICLE IN THE SPECIAL PROVISIONS

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SIGNING

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
0010	P110	R4-7	KEEP RIGHT	36.00 x 48.00	--	12.00	--	
0010	P111	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	
0010	P112	R5-1A	WRONG WAY	42.00 x 30.00	--	8.75	--	
0010	P113	W6-2	MEDIAN ENDS	36.00 x 36.00	--	--	9.00	
0010	P120	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P121	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P123	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P124	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P130	R3-4	NO U-TURNS	36.00 x 36.00	1	9.00	--	130 & 131 MOUNTED TOGETHER
0010	P131	R3-4A	EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES	36.00 x 12.00	--	3.00	--	130 & 131 MOUNTED TOGETHER
0010	P132	R3-4	NO U-TURNS	36.00 x 36.00	1	9.00	--	132 & 133 MOUNTED TOGETHER
0010	P133	R3-4A	EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES	36.00 x 12.00	--	3.00	--	132 & 133 MOUNTED TOGETHER
0010	P140	R3-20L	BEGIN LEFT TURN LANE	36.00 x 54.00	--	13.50	--	
0010	P150	R3-2	NO LEFT TURN	36.00 x 36.00	--	9.00	--	
0010	P151	R1-1	STOP	36.00 x 36.00	--	7.46	--	151 & 152 MOUNTED TOGETHER
0010	P152	R6-2R	ONE WAY (RIGHT ARROW)	30.00 x 36.00	--	7.50	--	151 & 152 MOUNTED TOGETHER
0010	P153	R4-7	KEEP RIGHT	24.00 x 30.00	--	5.00	--	
0010	P154	R4-7	KEEP RIGHT	36.00 x 48.00	--	12.00	--	154 & 155 MOUNTED TOGETHER
0010	P155	R3-4	NO U-TURNS	36.00 x 36.00	--	9.00	--	154 & 155 MOUNTED TOGETHER
0010	P156	R1-2	YIELD	36.00 x 31.00	--	3.88	--	156,157, & 158 MOUNTED TOGETHER
0010	P157	R6-2L	ONE WAY (LEFT ARROW)	30.00 x 36.00	--	7.50	--	156,157, & 158 MOUNTED TOGETHER
0010	P158	R6-2R	ONE WAY (RIGHT ARROW)	30.00 x 36.00	--	7.50	--	156,157, & 158 MOUNTED TOGETHER
0010	P159	R6-2L	ONE WAY (LEFT ARROW)	30.00 x 36.00	--	7.50	--	
0010	P160	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	
0010	P161	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	161 & 162 MOUNTED TOGETHER
0010	P162	R3-4	NO U-TURNS	36.00 x 36.00	--	9.00	--	161 & 162 MOUNTED TOGETHER
0010	P170	R3-20R	BEGIN RIGHT TURN LANE	36.00 x 54.00	--	13.50	--	
0010	P171	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P172	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P173	W3-3	TRAFFIC SIGNAL AHEAD	36.00 x 36.00	--	--	9.00	
0010	P174	W3-3	TRAFFIC SIGNAL AHEAD	36.00 x 36.00	--	--	9.00	
0010	P180	R3-20L	BEGIN LEFT TURN LANE	36.00 x 54.00	--	13.50	--	
0010	P181	R5-1A	WRONG WAY	42.00 x 30.00	--	8.75	--	
0010	P182	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P183	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P184	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	36.00 x 54.00	--	13.50	--	
0010	P185	R9-3A	NO PEDESTRIAN CROSSING	24.00 x 24.00	1	4.00	--	185 & 186 MOUNTED TOGETHER
0010	P186	R9-3BR	USE CROSSWALK W/ RIGHT ARROW	18.00 x 12.00	--	1.50	--	185 & 186 MOUNTED TOGETHER
0010	P187	R9-3A	NO PEDESTRIAN CROSSING	24.00 x 24.00	1	4.00	--	187 & 188 MOUNTED TOGETHER
0010	P188	R9-3BL	USE CROSSWALK W/ LEFT ARROW	18.00 x 12.00	--	1.50	--	187 & 188 MOUNTED TOGETHER
0010	P189	R4-7	KEEP RIGHT	24.00 x 30.00	--	5.00	--	MOUNTED ON SIGNAL
0010	P190	M4-3	BUSINESS	36.00 x 18.00	--	4.50	--	190 & 191 MOUNTED TOGETHER
0010	P191	M1-6	STATE ROUTE 36	36.00 x 36.00	--	9.00	--	190 & 191 MOUNTED TOGETHER
0010	P192	W11-15	BICYCLE/PEDESTRIAN	36.00 x 36.00	--	--	9.00	192 & 193 MOUNTED TOGETHER
0010	P193	W16-7L	YELLOW DIAGONAL ARROW	30.00 x 18.00	--	--	3.75	192 & 193 MOUNTED TOGETHER
0010	P194	R1-2	YIELD	36.00 x 31.00	--	3.88	--	
0010	P195	W11-15	BICYCLE/PEDESTRIAN	36.00 x 36.00	--	--	9.00	195 & 196 MOUNTED TOGETHER
0010	P196	W16-7L	YELLOW DIAGONAL ARROW	30.00 x 18.00	--	--	3.75	195 & 196 MOUNTED TOGETHER
0010	P197	R4-7	KEEP RIGHT	36.00 x 48.00	1	12.00	--	MOUNTED ON SIGNAL
0010	P198	R6-2L	ONE WAY (LEFT ARROW)	30.00 x 36.00	--	7.50	--	
0010	P199	R4-7	KEEP RIGHT	36.00 x 48.00	--	12.00	--	MOUNTED ON SIGNAL
0010	P200	R4-7	KEEP RIGHT	24.00 x 30.00	--	5.00	--	MOUNTED ON SIGNAL
0010	P201	R1-2	YIELD	36.00 x 31.00	--	3.88	--	

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SIGNING CONTINUED

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
0010	P202	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P203	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P204	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P205	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	
0010	P206	M4-3	BUSINESS	36.00 x 18.00	--	4.50	--	206 & 207 MOUNTED TOGETHER
0010	P207	M1-6	STATE ROUTE 36	36.00 x 36.00	--	9.00	--	206 & 207 MOUNTED TOGETHER
0010	P208	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	36.00 x 54.00	--	13.50	--	
0010	P210	W11-15	BICYCLE/PEDESTRIAN	36.00 x 18.00	1	--	4.50	P210 & P211 MOUNTED TOGETHER
0010	P211	W16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	42.00 x 30.00	--	8.75	--	P210 & P211 MOUNTED TOGETHER
0010	P214	R5-1A	WRONG WAY	42.00 x 30.00	--	8.75	--	
0010	P215	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P216	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P217	R3-20L	BEGIN LEFT TURN LANE	36.00 x 54.00	--	13.50	--	
0010	P220	W3-3	TRAFFIC SIGNAL AHEAD	36.00 x 36.00	--	--	9.00	
0010	P221	W3-3	TRAFFIC SIGNAL AHEAD	36.00 x 36.00	--	--	9.00	
0010	P222	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P223	R2-1	SPEED LIMIT 45	36.00 x 48.00	--	12.00	--	
0010	P230	W3-3	TRAFFIC SIGNAL AHEAD	36.00 x 36.00	--	--	9.00	
0010	P231	W3-3	TRAFFIC SIGNAL AHEAD	36.00 x 36.00	--	--	9.00	
0010	P240	M2-1	JCT	30.00 x 21.00	--	4.38	--	240 & 241 MOUNTED TOGETHER
0010	P241	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	240 & 241 MOUNTED TOGETHER
0010	P242	M3-1	NORTH	36.00 x 18.00	--	4.50	--	242, 244, & 246 MOUNTED TOGETHER
0010	P243	M3-3	SOUTH	36.00 x 18.00	--	4.50	--	243, 245, & 247 MOUNTED TOGETHER
0010	P244	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	242, 244, & 246 MOUNTED TOGETHER
0010	P245	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	243, 245, & 247 MOUNTED TOGETHER
0010	P246	M5-1L	ADVANCE TURN ARROW LEFT	30.00 x 30.00	--	6.25	--	242, 244, & 246 MOUNTED TOGETHER
0010	P247	M5-1R	ADVANCE TURN ARROW RIGHT	30.00 x 30.00	--	6.25	--	243, 245, & 247 MOUNTED TOGETHER
0010	P248	M3-1	NORTH	36.00 x 18.00	--	4.50	--	248, 250, & 252 MOUNTED TOGETHER
0010	P249	M3-3	SOUTH	36.00 x 18.00	--	4.50	--	249, 251, & 253 MOUNTED TOGETHER
0010	P250	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	248, 250, & 252 MOUNTED TOGETHER
0010	P251	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	249, 251, & 253 MOUNTED TOGETHER
0010	P252	M5-1L	ADVANCE TURN ARROW LEFT	30.00 x 30.00	--	6.25	--	248, 250, & 252 MOUNTED TOGETHER
0010	P253	M5-1R	ADVANCE TURN ARROW RIGHT	30.00 x 30.00	--	6.25	--	249, 251, & 253 MOUNTED TOGETHER
0010	P260	R3-20L	BEGIN LEFT TURN LANE	36.00 x 54.00	--	13.50	--	
0010	P261	M3-3	SOUTH	36.00 x 18.00	--	4.50	--	261, 262, 263, & 264 MOUNTED TOGETHER
0010	P262	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	261, 262, 263, & 264 MOUNTED TOGETHER
0010	P263	M6-1	DIRECTIONAL ARROW LEFT	30.00 x 30.00	--	6.25	--	261, 262, 263, & 264 MOUNTED TOGETHER
0010	P264	R5-1A	WRONG WAY	42.00 x 30.00	--	8.75	--	261, 262, 263, & 264 MOUNTED TOGETHER
0010	P270	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	36.00 x 54.00	--	13.50	--	
0010	P271	M3-1	NORTH	36.00 x 18.00	--	4.50	--	271, 272, & 273 MOUNTED TOGETHER
0010	P272	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	271, 272, & 273 MOUNTED TOGETHER
0010	P273	M6-1	DIRECTIONAL ARROW LEFT	30.00 x 30.00	--	6.25	--	271, 272, & 273 MOUNTED TOGETHER
0010	P274	W12-1D	DOUBLE DIAGONAL ARROW	30.00 x 30.00	--	--	6.25	
0010	P275	R1-1	STOP	36.00 x 36.00	--	7.46	--	
0010	P276	R4-7	KEEP RIGHT	36.00 x 48.00	--	12.00	--	MOUNTED ON SIGNAL
0010	P278	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P279	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P280	R6-2L	ONE WAY (LEFT ARROW)	30.00 x 36.00	--	7.50	--	
0010	P281	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P282	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P283	W11-15	BICYCLE/PEDESTRIAN SYMBOL	36.00 x 36.00	1	--	9.00	P283 & P284 MOUNTED TOGETHER
0010	P284	W16-7L	CONVENTIONAL YELLOW DIAGONAL ARROW	30.00 x 18.00	--	--	3.75	P283 & P284 MOUNTED TOGETHER
0010	P285	R6-2L	ONE WAY (LEFT ARROW)	30.00 x 36.00	--	7.50	--	
0010	P286	R4-7	KEEP RIGHT	36.00 x 48.00	--	12.00	--	MOUNTED ON SIGNAL
0010	P287	M3-3	SOUTH	36.00 x 18.00	--	4.50	--	287, 288, & 289 MOUNTED TOGETHER
0010	P288	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	287, 288, & 289 MOUNTED TOGETHER
0010	P289	M6-1	DIRECTIONAL ARROW LEFT	30.00 x 30.00	--	6.25	--	287, 288, & 289 MOUNTED TOGETHER

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SIGNING CONTINUED

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
0010	P290	M4-5	TO	36.00 x 18.00	--	4.50	--	290, 291, & 292 MOUNTED TOGETHER
0010	P291	M1-6	STATE ROUTE 36	36.00 x 36.00	--	9.00	--	290, 291, & 292 MOUNTED TOGETHER
0010	P292	M1-6	STATE ROUTE 83	36.00 x 36.00	--	9.00	--	290, 291, & 292 MOUNTED TOGETHER
0010	P293	R1-1	STOP	36.00 x 36.00	--	7.46	--	
0010	P294	R5-1A	WRONG WAY	42.00 x 30.00	--	8.75	--	294, 296, 297, & 298 MOUNTED TOGETHER
0010	P295	W12-1D	DOUBLE DIAGONAL ARROW	30.00 x 30.00	--	--	6.25	
0010	P296	M3-1	NORTH	36.00 x 18.00	--	4.50	--	294, 296, 297, & 298 MOUNTED TOGETHER
0010	P297	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	294, 296, 297, & 298 MOUNTED TOGETHER
0010	P298	M6-1	DIRECTIONAL ARROW LEFT	30.00 x 30.00	--	6.25	--	294, 296, 297, & 298 MOUNTED TOGETHER
0010	P300	R2-1	SPEED LIMIT 55	36.00 x 48.00	--	12.00	--	
0010	P301	R2-1	SPEED LIMIT 55	36.00 x 48.00	--	12.00	--	
0010	P302	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	36.00 x 54.00	--	13.50	--	
0010	P303	R3-20L	BEGIN LEFT TURN LANE	36.00 x 54.00	--	13.50	--	
0010	P310	M3-3	SOUTH	36.00 x 18.00	--	4.50	--	310, 311, & 312 MOUNTED TOGETHER
0010	P311	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	310, 311, & 312 MOUNTED TOGETHER
0010	P312	M5-1L	ADVANCE TURN ARROW LEFT	30.00 x 30.00	--	6.25	--	310, 311, & 312 MOUNTED TOGETHER
0010	P313	M3-1	NORTH	36.00 x 18.00	--	4.50	--	313, 314, & 315 MOUNTED TOGETHER
0010	P314	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	313, 314, & 315 MOUNTED TOGETHER
0010	P315	M5-1R	ADVANCE TURN ARROW RIGHT	30.00 x 30.00	--	6.25	--	313, 314, & 315 MOUNTED TOGETHER
0010	P316	M2-1	JCT	30.00 x 21.00	1	4.38	--	316 & 317 MOUNTED TOGETHER
0010	P317	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	316 & 317 MOUNTED TOGETHER
0010	P318	M2-1	JCT	30.00 x 21.00	--	4.38	--	318 & 319 MOUNTED TOGETHER
0010	P319	M1-5A	COUNTY W	36.00 x 36.00	--	9.00	--	318 & 319 MOUNTED TOGETHER
0010	P320	M4-3	BUSINESS	36.00 x 18.00	--	4.50	--	320, 321, & 322 MOUNTED TOGETHER
0010	P321	M1-6	STATE ROUTE 36	36.00 x 36.00	--	9.00	--	320, 321, & 322 MOUNTED TOGETHER
0010	P322	M6-1	DIRECTIONAL ARROW LEFT	30.00 x 30.00	--	6.25	--	320, 321, & 322 MOUNTED TOGETHER
0010	P323	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	36.00 x 54.00	--	13.50	--	
0010	P324	M4-5	TO	36.00 x 18.00	--	4.50	--	324, 325, 326, 327, & 330 MOUNTED TOGETHER
0010	P325	M1-6	STATE ROUTE 36	36.00 x 36.00	--	9.00	--	324, 325, 326, 327, & 330 MOUNTED TOGETHER
0010	P326	M1-6	STATE ROUTE 83	36.00 x 36.00	--	9.00	--	324, 325, 326, 327, & 330 MOUNTED TOGETHER
0010	P327	M6-1	DIRECTIONAL ARROW LEFT	30.00 x 30.00	--	6.25	--	324, 325, 326, 327, & 330 MOUNTED TOGETHER
0010	P328	R4-7	KEEP RIGHT	36.00 x 48.00	--	12.00	--	MOUNTED ON SIGNAL
0010	P329	W12-1D	DOUBLE DIAGONAL ARROW	30.00 x 30.00	--	--	6.25	
0010	P330	R5-1A	WRONG WAY	42.00 x 30.00	--	8.75	--	324, 325, 326, 327, & 330 MOUNTED TOGETHER
0010	P331	R1-2	YIELD	36.00 x 31.00	--	3.88	--	
0010	P333	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P334	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P335	R4-7	KEEP RIGHT	36.00 x 48.00	--	12.00	--	MOUNTED ON SIGNAL
0010	P336	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P337	R5-1	DO NOT ENTER	36.00 x 36.00	--	9.00	--	MOUNTED ON SIGNAL
0010	P338	W11-15	BICYCLE/PEDESTRIAN SYMBOL	36.00 x 36.00	1	--	9.00	P338 & P339 MOUNTED TOGETHER
0010	P339	W16-7L	YELLOW DIAGONAL ARROW	30.00 x 18.00	--	--	3.75	P338 & P339 MOUNTED TOGETHER
0010	P341	R1-2	YIELD	36.00 x 31.00	--	3.88	--	
0010	P342	W12-1D	DOUBLE DIAGONAL ARROW	30.00 x 30.00	--	--	6.25	
0010	P343	R5-1A	WRONG WAY	42.00 x 30.00	--	8.75	--	
0010	P344	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	36.00 x 54.00	--	13.50	--	
0010	P346	M4-5	TO	36.00 x 18.00	--	4.50	--	346, 347, 348, & 349 MOUNTED TOGETHER
0010	P347	M1-6	STATE ROUTE 36	36.00 x 36.00	--	9.00	--	346, 347, 348, & 349 MOUNTED TOGETHER
0010	P348	M1-6	STATE ROUTE 83	36.00 x 36.00	--	9.00	--	346, 347, 348, & 349 MOUNTED TOGETHER
0010	P349	M6-1	DIRECTIONAL ARROW LEFT	30.00 x 30.00	--	6.25	--	346, 347, 348, & 349 MOUNTED TOGETHER
			TOTAL 0010		9	1,166.66	143.50	

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REMOVING SIGNS

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	R110	R4-7	KEEP RIGHT	1	--
0010	R111	R5-1	DO NOT ENTER	1	--
0010	R112	R5-1A	WRONG WAY	1	--
0010	R113	W6-2	MEDIAN ENDS	1	--
0010	R120	R2-1	SPEED LIMIT 45	1	--
0010	R121	R2-1	SPEED LIMIT 45	1	--
0010	R123	R2-1	SPEED LIMIT 45	1	--
0010	R124	R2-1	SPEED LIMIT 45	1	--
0010	R130	R3-4	NO U-TURNS	1	1
0010	R131	R3-4A	EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES	1	--
0010	R132	R3-4	NO U-TURNS	1	1
0010	R140	R3-20L	BEGIN LEFT TURN LANE	1	--
0010	R150	R3-2	NO LEFT TURN	1	--
0010	R151	R1-1	STOP	1	--
0010	R152	R6-2R	ONE WAY (RIGHT ARROW)	1	--
0010	R153	R4-7	KEEP RIGHT	1	--
0010	R154	R4-7	KEEP RIGHT	1	--
0010	R155	R3-4	NO U-TURNS SYMBOL	1	--
0010	R156	R1-2	YIELD	1	--
0010	R157	R6-2L	ONE WAY (LEFT ARROW)	1	--
0010	R158	R6-2R	ONE WAY (RIGHT ARROW)	1	--
0010	R159	R6-2L	ONE WAY (LEFT ARROW)	1	--
0010	R160	R5-1	DO NOT ENTER	1	--
0010	R161	R5-1	DO NOT ENTER	1	--
0010	R170	R3-20R	BEGIN RIGHT TURN LANE	1	--
0010	R171	R2-1	SPEED LIMIT 45	1	--
0010	R172	R2-1	SPEED LIMIT 45	1	--
0010	R173	W3-3	TRAFFIC SIGNAL AHEAD	1	--
0010	R174	W3-3	TRAFFIC SIGNAL AHEAD	1	--
0010	R180	R3-20L	BEGIN LEFT TURN LANE	1	--
0010	R181	R5-1A	WRONG WAY	1	--
0010	R182	R2-1	SPEED LIMIT 45	1	--
0010	R183	R2-1	SPEED LIMIT 45	1	--
0010	R184	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	1	--
0010	R190	M4-3	BUSINESS	1	--
0010	R191	M1-6	STATE ROUTE 36	1	--
0010	R192	W11-15	BICYCLE/PEDESTRIAN	1	--
0010	R193	W16-7L	YELLOW DIAGONAL ARROW	1	--
0010	R194	R1-2	YIELD	1	--
0010	R195	W11-15	BICYCLE/PEDESTRIAN	1	--
0010	R196	W16-7L	YELLOW DIAGONAL ARROW	1	--
0010	R198	R6-2L	ONE WAY (LEFT ARROW)	1	--
0010	R199	R4-7	KEEP RIGHT	1	--
0010	R200	R4-7	KEEP RIGHT	1	--
0010	R201	R1-2	YIELD	1	--
0010	R202	R5-1	DO NOT ENTER	1	--
0010	R203	R5-1	DO NOT ENTER	1	--
0010	R204	R5-1	DO NOT ENTER	1	--
0010	R205	R5-1	DO NOT ENTER	1	--
0010	R206	M4-3	BUSINESS	1	--
0010	R207	M1-6	STATE ROUTE 36	1	--
0010	R208	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	1	--

REMOVING SIGNS CONTINUED

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	R209	W1-7	TWO-DIRECTION LARGE ARROW	1	--
0010	R214	R5-1A	WRONG WAY	1	--
0010	R215	R2-1	SPEED LIMIT 45	1	--
0010	R216	R2-1	SPEED LIMIT 45	1	--
0010	R217	R3-20L	BEGIN LEFT TURN LANE	1	--
0010	R220	W3-3	TRAFFIC SIGNAL AHEAD	1	--
0010	R221	W3-3	TRAFFIC SIGNAL AHEAD	1	--
0010	R222	R2-1	SPEED LIMIT 45	1	--
0010	R223	R2-1	SPEED LIMIT 45	1	--
0010	R230	W3-3	TRAFFIC SIGNAL AHEAD	1	--
0010	R231	W3-3	TRAFFIC SIGNAL AHEAD	1	--
0010	R240	M2-1	JCT	1	--
0010	R241	M1-5A	COUNTY W	1	--
0010	R242	M3-1	NORTH	1	--
0010	R243	M3-3	SOUTH	1	--
0010	R244	M1-5A	COUNTY W	1	--
0010	R245	M1-5A	COUNTY W	1	--
0010	R246	M5-1L	ADVANCE TURN ARROW LEFT	1	--
0010	R247	M5-1R	ADVANCE TURN ARROW RIGHT	1	--
0010	R248	M3-1	NORTH	1	--
0010	R249	M3-3	SOUTH	1	--
0010	R250	M1-5A	COUNTY W	1	--
0010	R251	M1-5A	COUNTY W	1	--
0010	R252	M5-1L	ADVANCE TURN ARROW LEFT	1	--
0010	R253	M5-1R	ADVANCE TURN ARROW RIGHT	1	--
0010	R260	R3-20L	BEGIN LEFT TURN LANE	1	--
0010	R261	M3-3	SOUTH	1	--
0010	R262	M1-5A	COUNTY W	1	--
0010	R263	M6-1	DIRECTIONAL ARROW LEFT	1	--
0010	R264	R5-1A	WRONG WAY	1	--
0010	R270	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	1	--
0010	R271	M3-1	NORTH	1	--
0010	R272	M1-5A	COUNTY W	1	--
0010	R273	M6-1	DIRECTIONAL ARROW LEFT	1	--
0010	R274	W12-1D	DOUBLE DIAGONAL ARROW	1	--
0010	R275	R1-1	STOP	1	--
0010	R276	R4-7	KEEP RIGHT	1	--
0010	R278	R5-1	DO NOT ENTER	1	--
0010	R279	R5-1	DO NOT ENTER	1	--
0010	R280	R6-2L	ONE WAY (LEFT ARROW)	1	--
0010	R281	R5-1	DO NOT ENTER	1	--
0010	R282	R5-1	DO NOT ENTER	1	--
0010	R285	R6-2L	ONE WAY (LEFT ARROW)	1	--
0010	R286	R4-7	KEEP RIGHT	1	--
0010	R287	M3-3	SOUTH	1	--
0010	R288	M1-5A	COUNTY W	1	--
0010	R289	M6-1	DIRECTIONAL ARROW LEFT	1	--
0010	R290	M4-5	TO	1	--
0010	R291	M1-6	STATE ROUTE 36	1	--
0010	R292	M1-6	STATE ROUTE 83	1	--

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REMOVING SIGNS CONTINUED

CATEGORY	SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	R293	R1-1	STOP	1	--
0010	R294	R5-1A	WRONG WAY	1	--
0010	R295	W12-1D	DOUBLE DIAGONAL ARROW	1	--
0010	R296	M3-1	NORTH	1	--
0010	R297	M1-5A	COUNTY W	1	--
0010	R298	M6-1	DIRECTIONAL ARROW LEFT	1	--
0010	R300	R2-1	SPEED LIMIT 55	1	--
0010	R301	R2-1	SPEED LIMIT 55	1	--
0010	R302	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	1	--
0010	R303	R3-20L	BEGIN LEFT TURN LANE	1	--
0010	R310	M3-3	SOUTH	1	--
0010	R311	M1-5A	COUNTY W	1	--
0010	R312	M5-1L	ADVANCE TURN ARROW LEFT	1	--
0010	R313	M3-1	NORTH	1	--
0010	R314	M1-5A	COUNTY W	1	--
0010	R315	M5-1R	ADVANCE TURN ARROW RIGHT	1	--
0010	R316	M2-1	JCT	1	1
0010	R317	M1-5A	COUNTY W	1	--
0010	R318	M2-1	JCT	1	--
0010	R319	M1-5A	COUNTY W	1	--
0010	R320	M4-3	BUSINESS	1	--
0010	R321	M1-6	STATE ROUTE 36	1	--
0010	R322	M6-1	DIRECTIONAL ARROW LEFT	1	--
0010	R323	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	1	--
0010	R324	M4-5	TO	1	--
0010	R325	M1-6	STATE ROUTE 36	1	--
0010	R326	M1-6	STATE ROUTE 83	1	--
0010	R327	M6-1	DIRECTIONAL ARROW LEFT	1	--
0010	R328	R4-7	KEEP RIGHT	1	--
0010	R329	W12-1D	DOUBLE DIAGONAL ARROW	1	--
0010	R330	R5-1A	WRONG WAY	1	--
0010	R331	R1-2	YIELD	1	--
0010	R333	R5-1	DO NOT ENTER	1	--
0010	R334	R5-1	DO NOT ENTER	1	--
0010	R335	R4-7	KEEP RIGHT	1	--
0010	R336	R5-1	DO NOT ENTER	1	--
0010	R337	R5-1	DO NOT ENTER	1	--
0010	R341	R1-2	YIELD	1	--
0010	R342	W12-1D	DOUBLE DIAGONAL ARROW	1	--
0010	R343	R5-1A	WRONG WAY	1	--
0010	R344	R3-20LL	BEGIN LEFT TURN LANE (W/LEFT ARROW)	1	--
0010	R346	M4-5	TO	1	--
0010	R347	M1-6	STATE ROUTE 36	1	--
0010	R348	M1-6	STATE ROUTE 83	1	--
0010	R349	M6-1	DIRECTIONAL ARROW LEFT	1	--
			TOTAL 0010	147	3

TRAFFIC CONTROL

CATEGORY	STAGE	STAGE DURATION DAYS	643.0300 TRAFFIC CONTROL DRUMS EACH**	643.0300 DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH**	643.0420 DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH**	643.0705 DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C EACH**	643.0715 DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS EACH**	643.0800 DAY	643.0900 TRAFFIC CONTROL SIGNS EACH**	643.0900 DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH*	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY*	643.1070 TRAFFIC CONTROL CONES 42-INCH EACH**	643.1070 DAY	644.1410 TEMPORARY PEDESTRIAN SURFACE ASPHALT SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP EACH**	644.1601 DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD EACH**	644.1605 SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF
0010	1	43	146	6,278	30	1,290	60	2,580	22	946	2	86	57	2,451	6	--	86	485	20,855	--	--	--	2	24	44
0010	1A	5	137	685	56	280	112	560	22	110	2	10	65	325	--	70	10	510	2,550	--	--	--	2	24	227
0010	1B	5	150	750	73	365	146	730	32	160	2	10	67	335	--	--	10	536	2,680	--	2	--	2	24	259
	TOTAL STAGE 1	53		7713		1935		3870		1216		106		3111	6	70	106		26085	--		--		72	530
0010	2	40	143	5,720	25	1,000	50	2,000	23	920	2	80	56	2,240	6	--	80	417	16,680	263	2	80	9	108	729
0010	2A	5	141	705	25	125	50	250	23	115	2	10	52	260	--	--	10	419	2,095	263	2	10	9	108	729
0010	2B	5	143	715	25	125	50	250	23	115	2	10	56	280	--	--	10	396	1,980	77	1	5	5	60	300
	TOTAL STAGE 2	50		7140		1,250		2,500		1,150		100		2,780	6	--	100		20,755	603		95		276	1758
	TOTAL 0010			14,853		3,185		980		2,366		206		5,891	12	70	206		46,840	603		95		348	2,288

*UNDISTRIBUTED
**FOR INFORMATION ONLY

PAVEMENT MARKING

CATEGORY	STATION	TO	STATION	646.1020 MARKING LINE EPOXY 4-INCH (YELLOW) LF	646.1020 (WHITE) LF	646.1020 (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP) LF	646.1020 (DASHED WHITE) (3 FT LINE 9 FT SKIP) LF	646.3020 MARKING LINE EPOXY 8-INCH (WHITE) LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	646.7120 (WHITE) LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.8120 MARKING CURB EPOXY LF	646.8220 MARKING ISLAND NOSE EPOXY EACH
0010	88+85	-	91+00	430	410	143	--	115	2	--	--	--	--	--	--	--
0010	91+00	-	97+00	1,200	1,200	400	--	--	--	--	--	--	--	--	--	--
0010	97+00	-	103+00	1,200	1,200	400	--	--	--	--	--	--	--	--	--	--
0010	103+00	-	109+00	1,200	1,200	400	--	95	1	--	--	--	--	--	--	--
0010	109+00	-	115+00	1,222	1,066	400	--	483	4	2	13	35	--	--	--	1
0010	115+00	-	121+00	1,200	1,200	400	--	--	--	--	--	--	--	--	--	--
0010	121+00	-	127+00	1,182	1,200	400	--	481	1	--	--	--	110	--	--	--
0010	127+00	-	133+00	778	719	316	--	1,072	9	2	178	--	87	398	101	4
0010	133+00	-	139+00	1,200	1,200	400	--	110	--	--	--	--	10	--	--	--
0010	139+00	-	145+00	1,200	1,200	400	--	--	--	--	--	--	--	--	--	--
0010	145+00	-	151+00	1,200	1,200	400	--	--	--	--	--	--	--	--	--	--
0010	151+00	-	156+50	1,100	1,100	367	--	--	--	--	--	--	--	--	--	--
0010	156+50	-	161+00	474	1,027	300	59	735	1	--	--	--	207	--	--	--
0010	161+00	-	167+00	192	1,647	314	--	917	2	2	242	--	354	975	141	4
0010	167+00	-	173+00	456	1,341	400	64	706	1	--	--	--	187	--	--	--
0010	173+00	-	178+72	1,143	1,143	48	--	--	--	--	--	--	--	--	--	--
			SUBTOTAL	15,377	18,053	5,488	124	4,714	21	6	433	35	955	1,373	242	9
			TOTAL 0010		55,878			4,714	21	6	433	990		1,373	242	9

3

3

3

FIELD OFFICE

CATEGORY	PROJECT	642.5201 FIELD OFFICE TYPE C EACH
0010	PROJECT 2240-05-71	1
	TOTAL 0010	1

TRAFFIC CONTROL

CATEGORY	LOCATION	643.5000 TRAFFIC CONTROL EACH
0010	PROJECT 2240-05-71	1
	TOTAL 0010	1

TEMPORARY MARKINGS

CATEGORY	STAGE	LOCATION	643.3150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH LF
0010	1	BEGIN PROJECT	540
0010	1	MILWAUKEE AVE & BUCKLEY	232
0010	1	END PROJECT	540
0010	2	BEGIN PROJECT	540
0010	2	MILWAUKEE AVE & BUCKLEY	325
0010	2	MILWAUKEE AVE & CTH W	214
0010	2	END PROJECT	540
		TOTAL 0010	2,931

3

SAWING

CATEGORY	STAGE	STATION	TO	STATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
0010	1	88+85	-	91+00	74	5
0010	1	91+00	-	97+00	45	15
0010	1	97+00	-	103+00	15	165
0010	1	103+00	-	109+00	--	36
0010	1	109+00	-	115+00	474	--
0010	1	115+00	-	121+00	--	--
0010	1	121+00	-	127+00	148	90
0010	1	127+00	-	133+00	616	131
0010	1	133+00	-	139+00	212	--
0010	1	139+00	-	145+00	--	36
0010	1	145+00	-	151+00	--	--
0010	1	151+00	-	156+50	--	--
0010	1	156+50	-	161+00	74	41
0010	1	161+00	-	167+00	946	842
0010	1	167+00	-	173+00	162	--
0010	1	173+00	-	178+72	72	72
				TOTAL 0010	2,838	1,433

MARKING REMOVAL

CATEGORY	STAGE	LOCATION	646.9100 MARKING REMOVAL LINE 8-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF
0010	1	MILWAUKEE AVE & BUCKLEY	243	61
0010	1	MILWAUKEE AVE & CTH W	207	26
0010	2	MILWAUKEE AVE & WALTON RD	50	--
0010	2	MILWAUKEE AVE & BUCKLEY	297	--
0010	2	MILWAUKEE AVE & CTH W	627	111
		TOTAL 0010	1,424	198

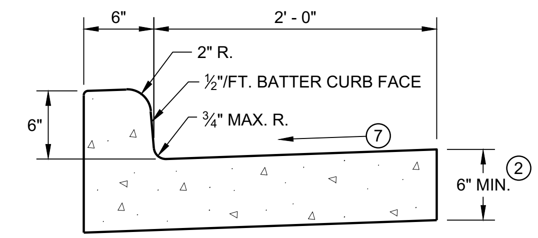
SPECIAL PROVISIONS

CATEGORY	PROJECT	SPV.0035.80 SPECIAL (BARK MULCH) CY	SPV.0060.01 SPECIAL (SURVEY PROJECT) EACH	SPV.0060.02 SPECIAL (CURB RAMP GRADING, SHAPING, AND FINISHING) EACH	SPV.0060.03 SPECIAL (RECONNECT PIPE UNDERDRAIN TO EXISTING STRUCTURE) EACH	SPV.0060.51 SPECIAL (ADJUSTING SANITARY MANHOLE) EACH	SPV.0060.52 SPECIAL (ADJUSTING WATER VALVE BOXES) EACH	SPV.0075.01 SPECIAL (PAVEMENT CLEANUP PROJECT) HRS	SPV.0090.80 SPECIAL (STEEL EDGING MATERIAL) LF
0010	PROJECT 2240-05-71	123	1	13	1	3	3	16	274
	TOTAL 0010	123	1	13	1	3	3	16	274

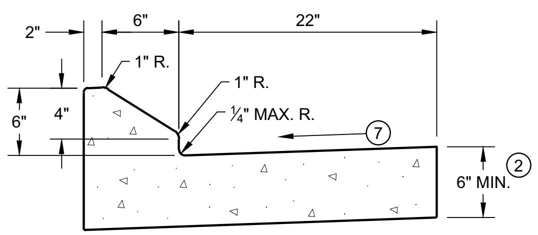
Standard Detail Drawing List

08D01-22A	CONCRETE CURB & GUTTER
08D01-22B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-20B	CURB RAMPS TYPES 2 AND 3
08D05-20C	CURB RAMPS TYPES 4A AND 4A1
08D05-20D	CURB RAMPS TYPE 4B AND 4B1
08D05-20E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-20F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-20G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
11B02-02	CONCRETE MEDIAN NOSE
13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13A05-05B	SHOULDER RUMBLE STRIP, MILLING
13C14-07A	BASE PATCHING CONCRETE
13C14-07B	BASE PATCHING CONCRETE
13C14-07C	BASE PATCHING CONCRETE
13C19-03	HMA LONGITUDINAL JOINTS
15C02-08F	ADVANCED WIDTH RESTRICTION SIGNING
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-21A	LONGITUDINAL MARKING (MAINLINE)
15C08-21C	PAVEMENT MARKING (TURN LANES)
15C08-21D	PAVEMENT MARKING (TURN LANES)
15C11-09B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C18-06A	MEDIAN ISLAND MARKING PAVEMENT MARKINGS
15C18-06B	MEDIAN ISLAND MARKING MEDIAN ISLAND NOSE
15C18-06C	MEDIAN PAVEMENT MARKINGS DOUBLE ARROW WARNING SIGN PLACEMENT
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-05A	PAVEMENT MARKING (INTERSECTIONS)
15D20-06A	TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D30-07A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-07C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

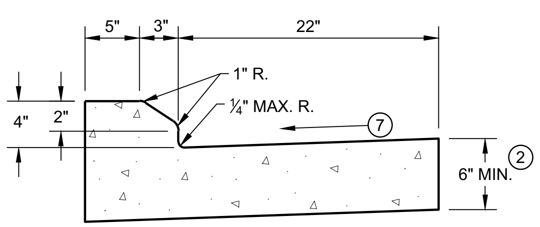
6



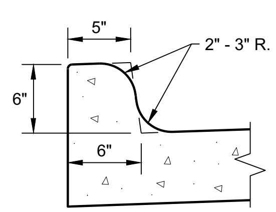
TYPES A 1 & D



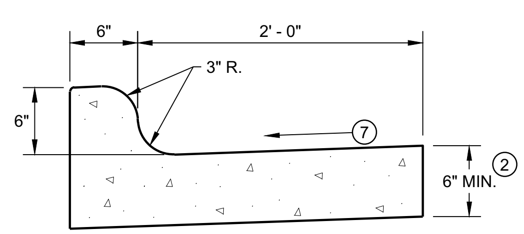
6" SLOPED CURB TYPES G 1 & J



4" SLOPED CURB TYPES G 1 & J

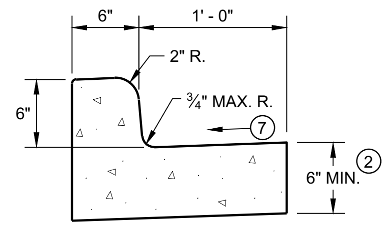


TYPES K 1 & L
(OPTIONAL CURB SHAPE)



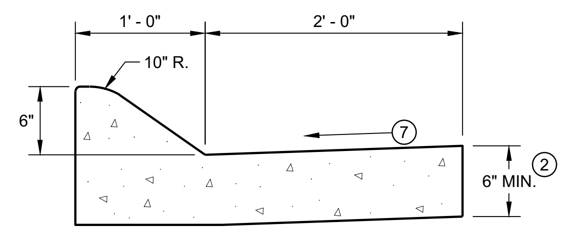
TYPES K 1 & L

CONCRETE CURB AND GUTTER 30"

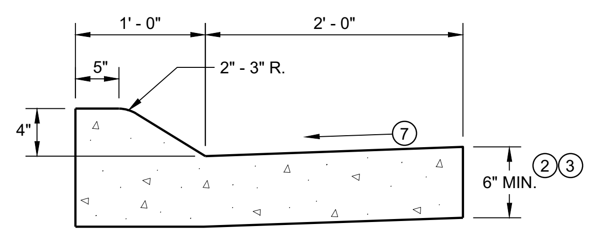


TYPES A 1 & D

CONCRETE CURB AND GUTTER 18"

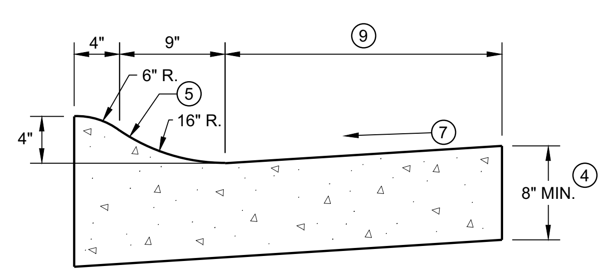


6" SLOPED CURB TYPES A 1 & D



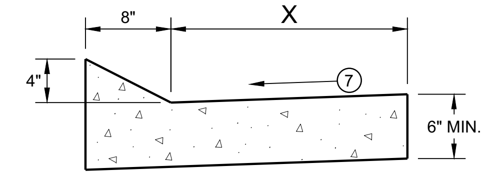
4" SLOPED CURB TYPES A 1 & D

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

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.

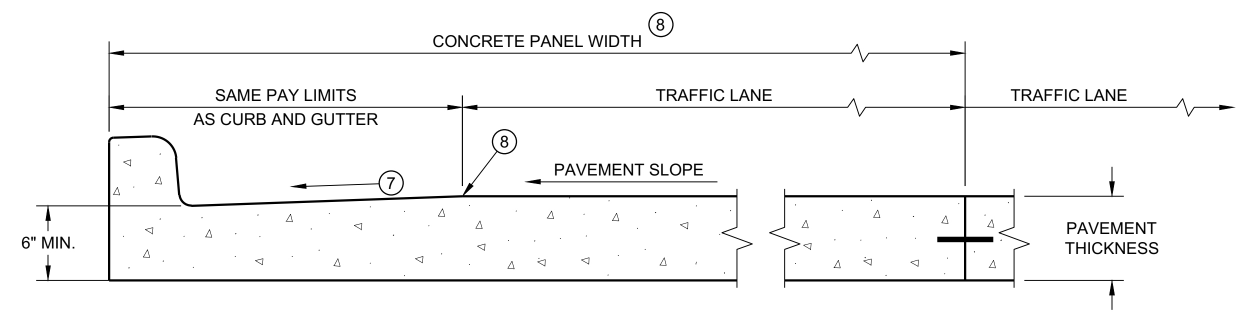
INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

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

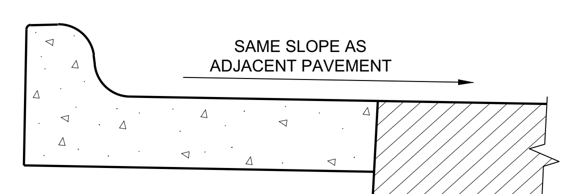
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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)

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATI 176

SDD 08D01 - 22a
6

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

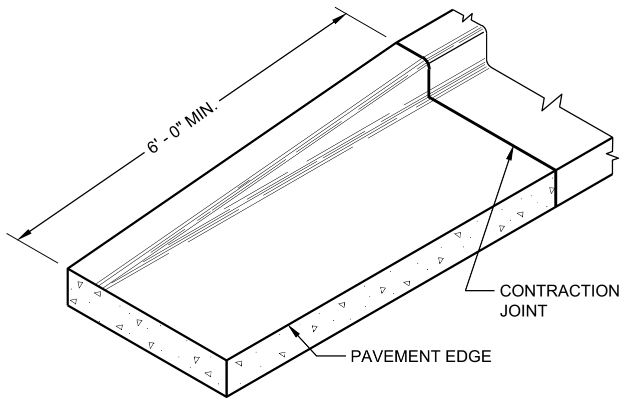
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

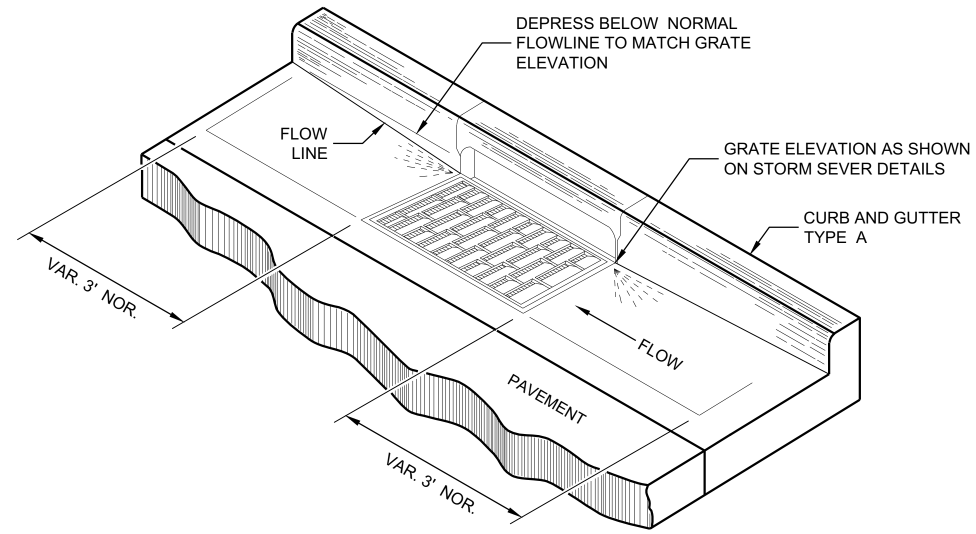
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

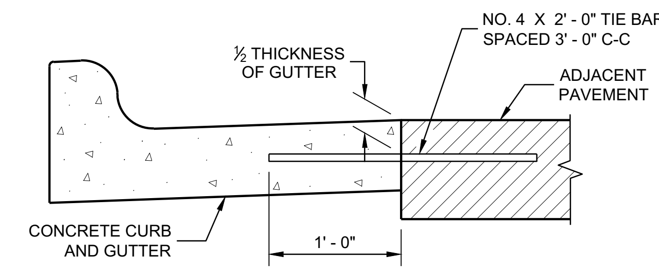
(9) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



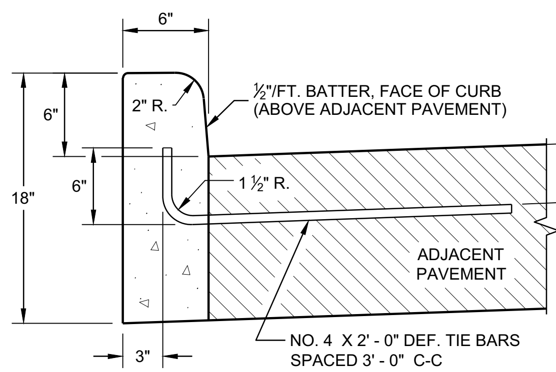
END SECTIONCURB AND GUTTER



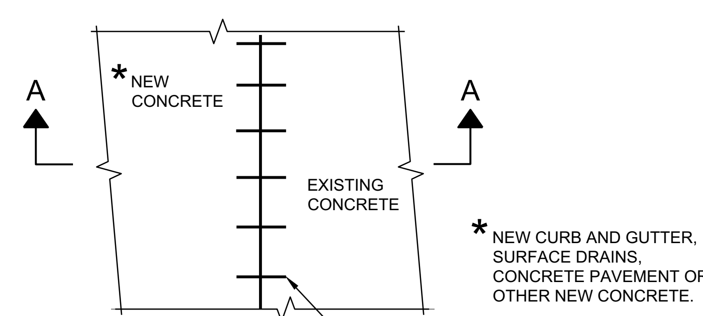
DETAIL OF CURB AND GUTTER AT INLETS
(TYPICAL H INLET COVER SHOWN)



TYPICAL TIE BAR LOCATION (1)

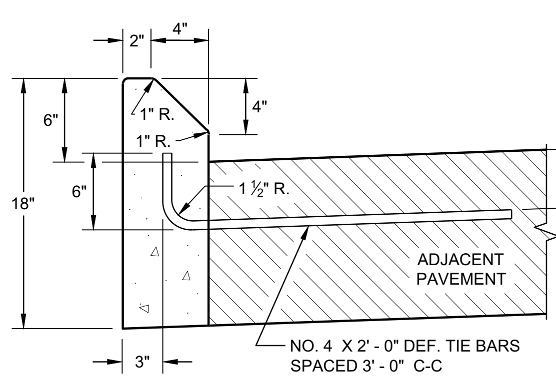


TYPES A (1) & D



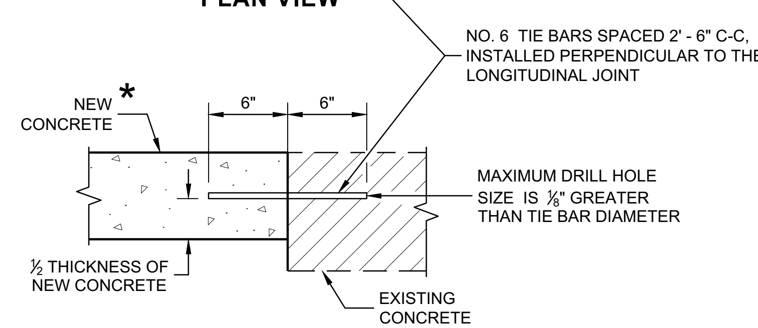
* NEW CURB AND GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

PLAN VIEW



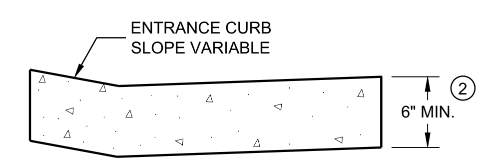
TYPES G (1) & J

CONCRETE CURB



SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



DRIVEWAY ENTRANCE CURB (9)
(WHEN DIRECTED BY THE ENGINEER)

6

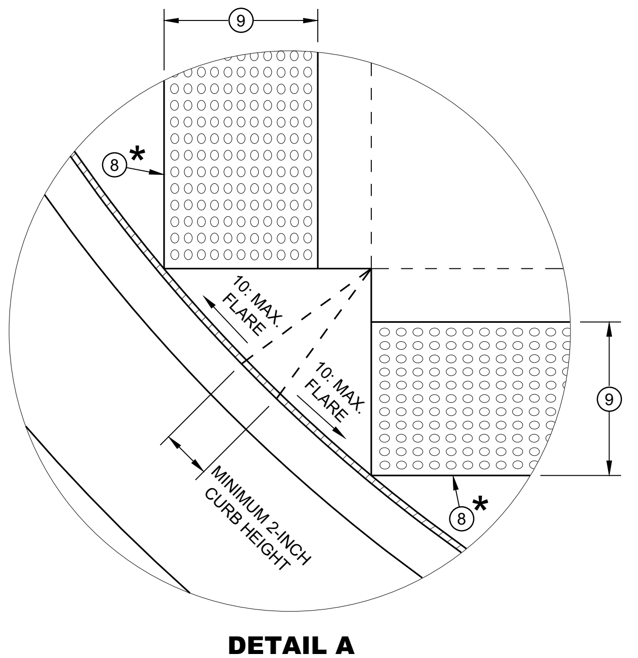
6

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

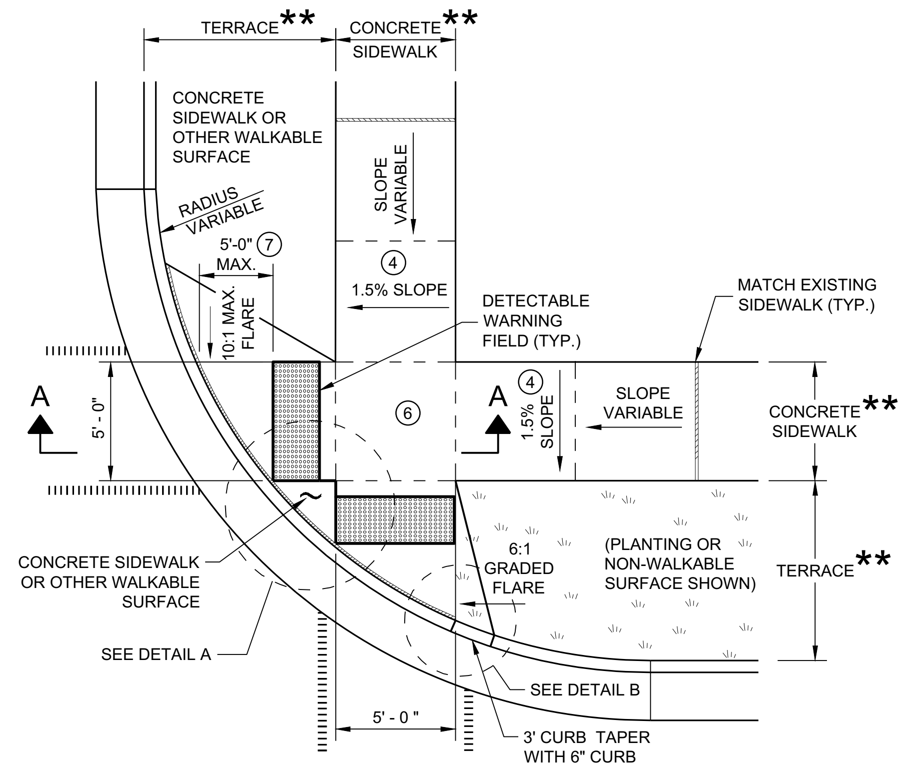
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

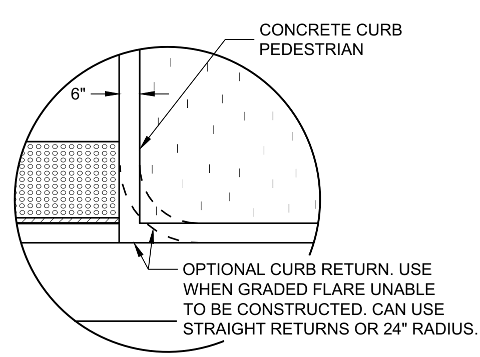
SDD 08D01 - 22b



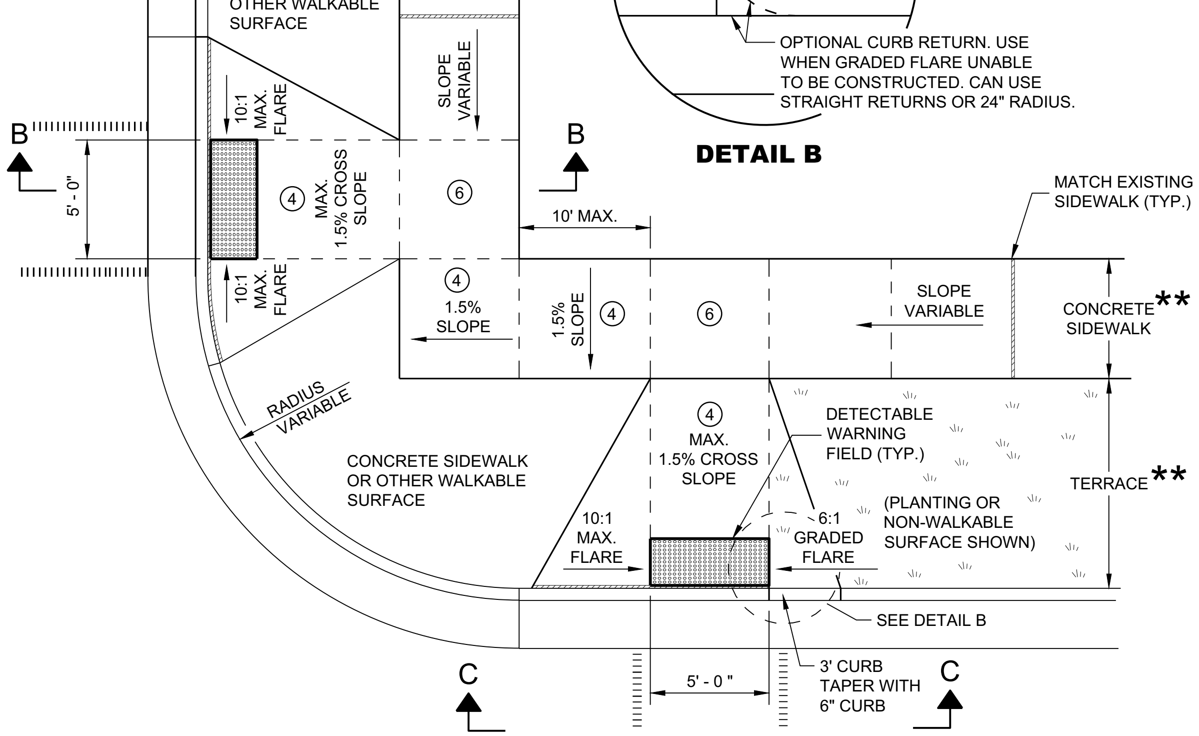
DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)



DETAIL B



PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

2 GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

3 AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

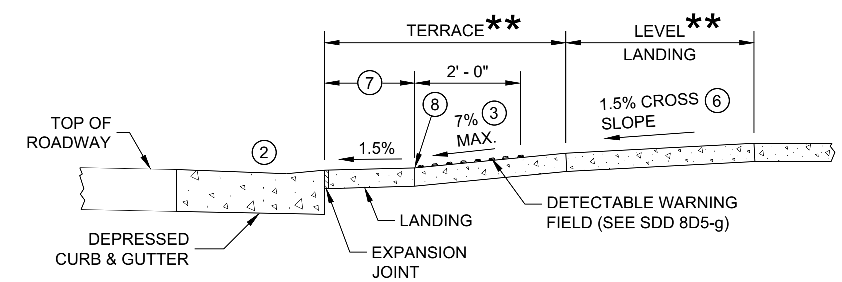
4 ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

6 PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

7 WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

8 PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

9 WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.



SECTION A - A FOR TYPE 2

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

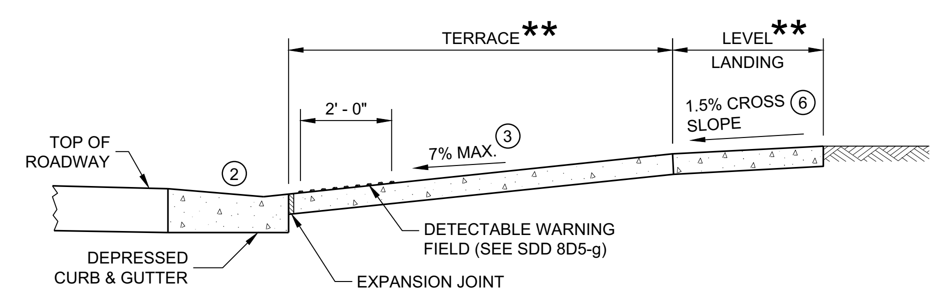
** WIDTH SHOWN ELSEWHERE IN THE PLANS

LEGEND

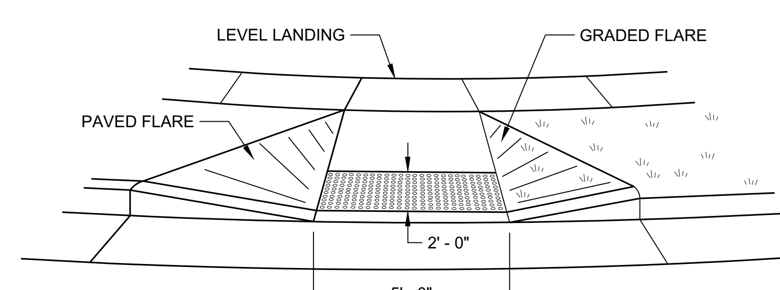
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

CURB RAMPS
TYPE 2 AND 3

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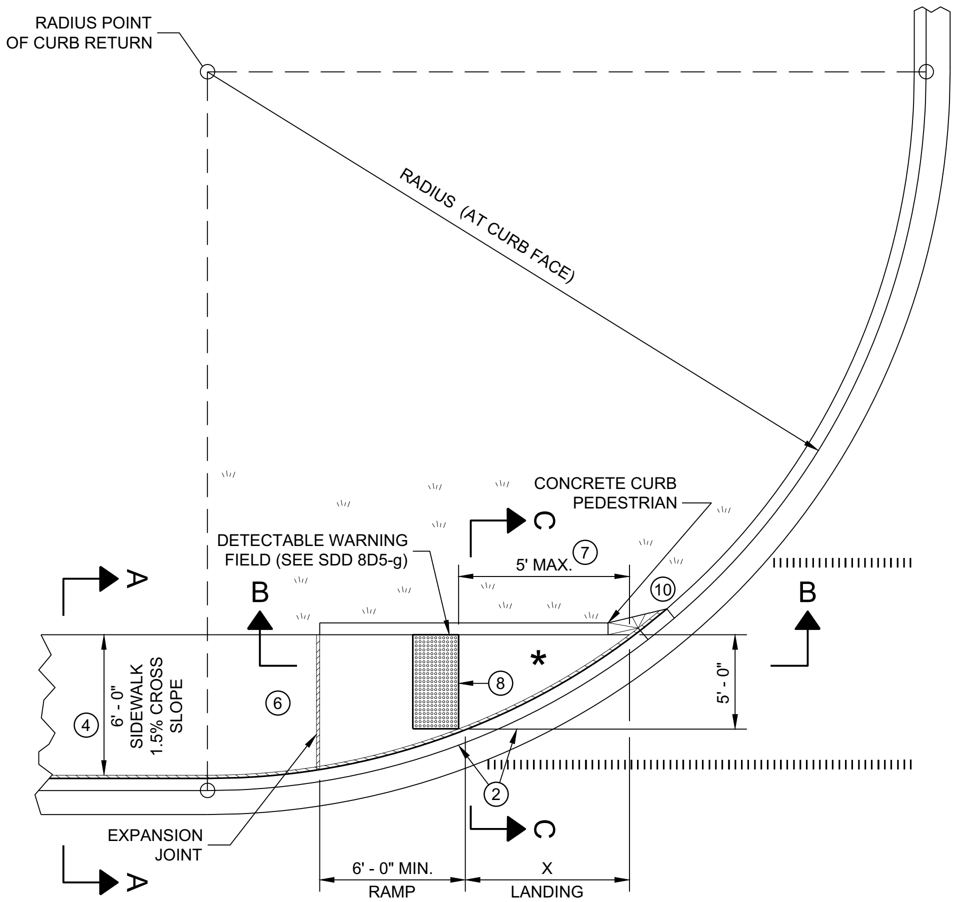
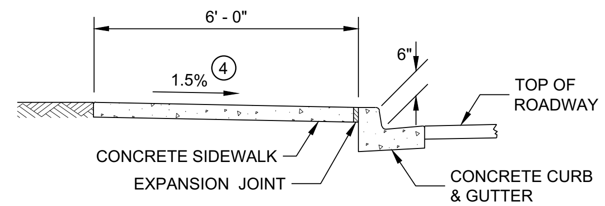


PLAN VIEW

CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"
15 FEET	6' - 5 ½"

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.

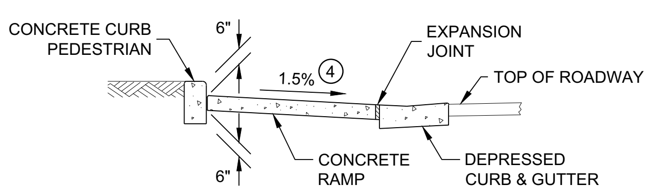
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

½" EXPANSION JOINT SIDEWALK

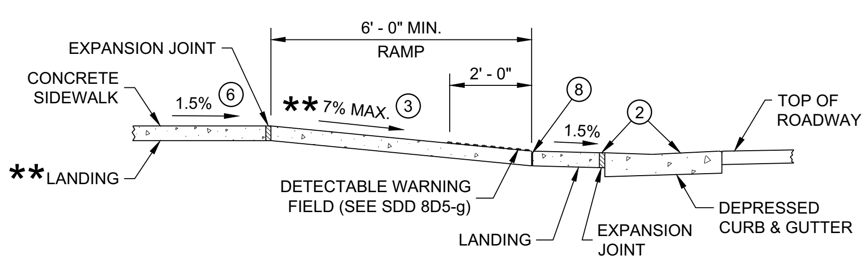
CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)



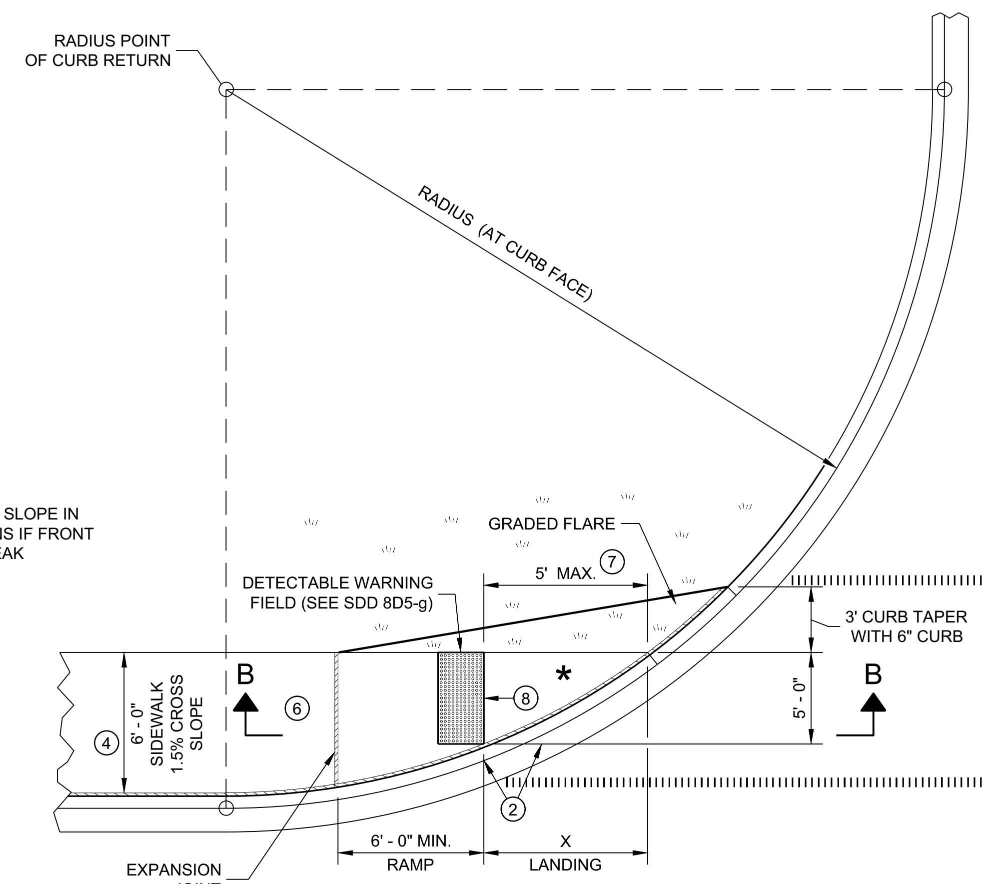
SECTION C - C FOR TYPE 4A

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK



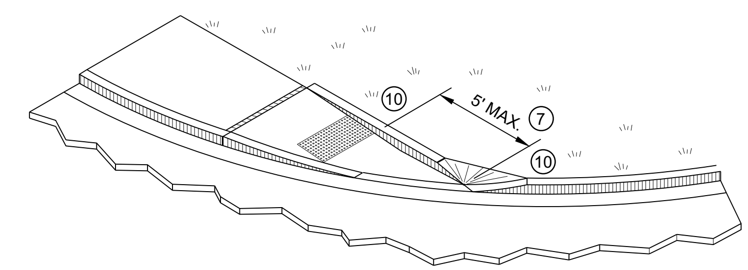
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

SECTION B - B FOR TYPE 4A AND TYPE 4A1

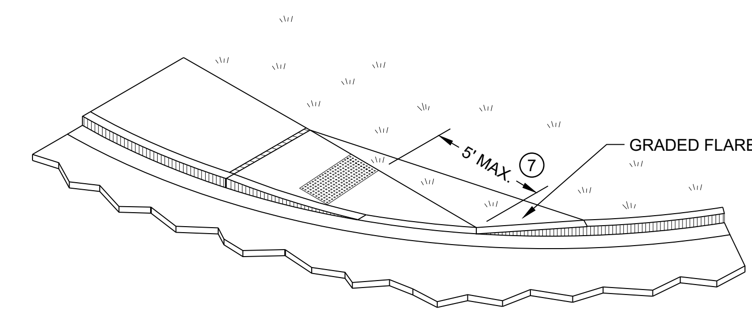


PLAN VIEW

CURB RAMP TYPE 4A1



ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

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CURB RAMPS TYPE 4A AND 4A1

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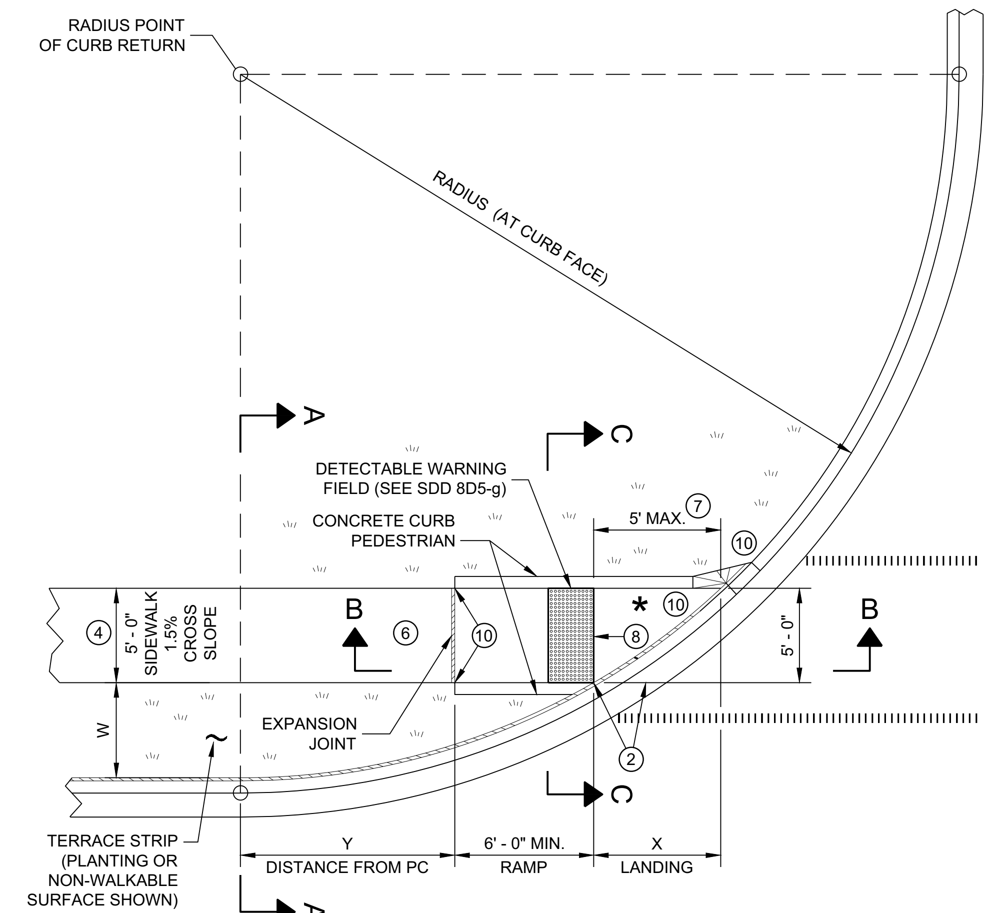
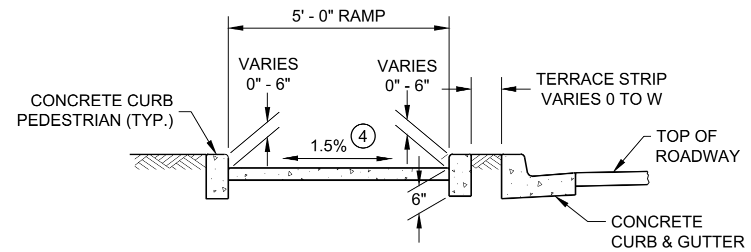


PLAN VIEW
CURB RAMP TYPE 4B



SECTION C - C FOR 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	5' - 9 3/4"	3' - 6 1/2"	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			6' - 9 1/4"	7' - 11 1/4"	6' - 0 1/4"	9' - 8"	5' - 5"	11' - 1 3/4"	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									6' - 1 3/4"	15' - 8 1/2"	5' - 8"	17' - 2"	5' - 3"	18' - 5 3/4"	4' - 10 3/4"	19' - 8 1/4"
50 FEET															5' - 10 1/4"	23' - 2"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH

LEGEND

1/2" 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 1/4 - 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.

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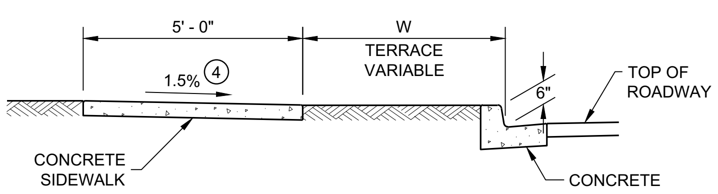
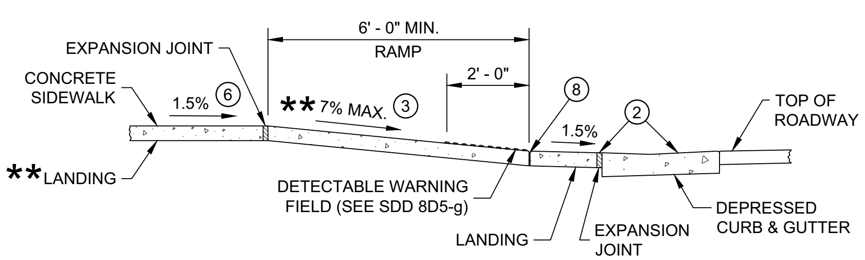


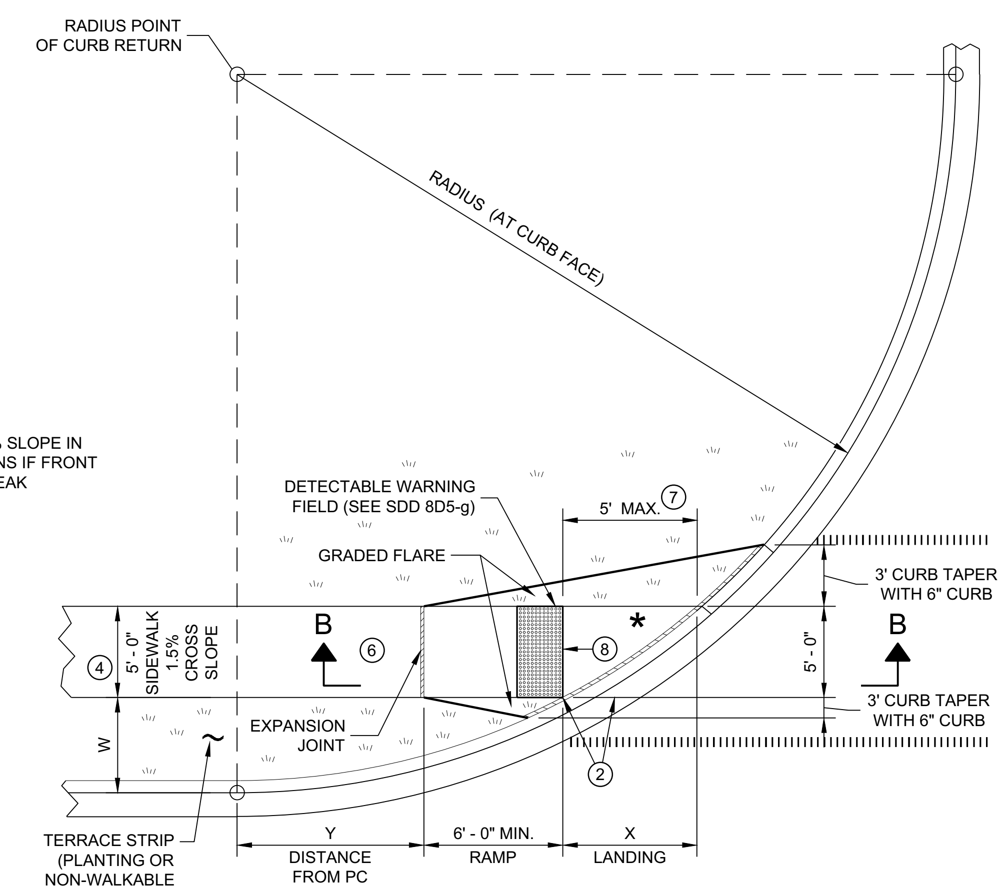
SECTION A - A FOR TYPE 4B

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

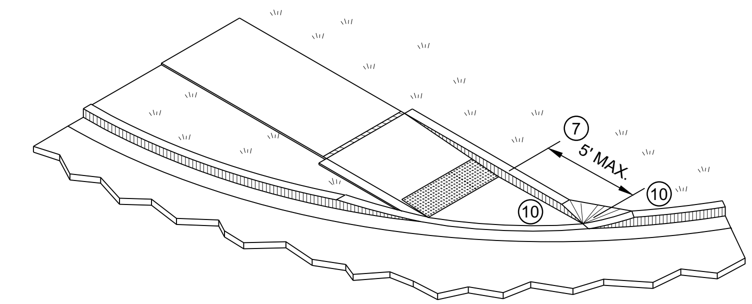


** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

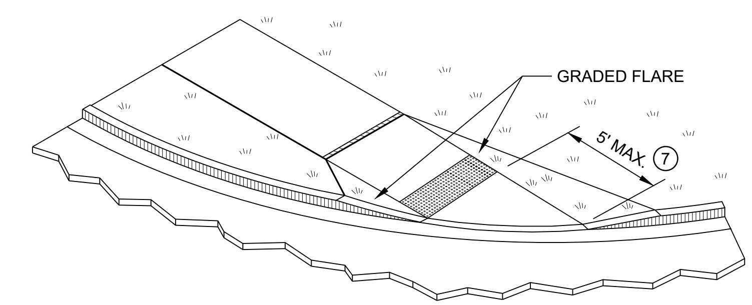
SECTION B - B FOR TYPE 4B AND TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS TYPE 4B AND 4B1

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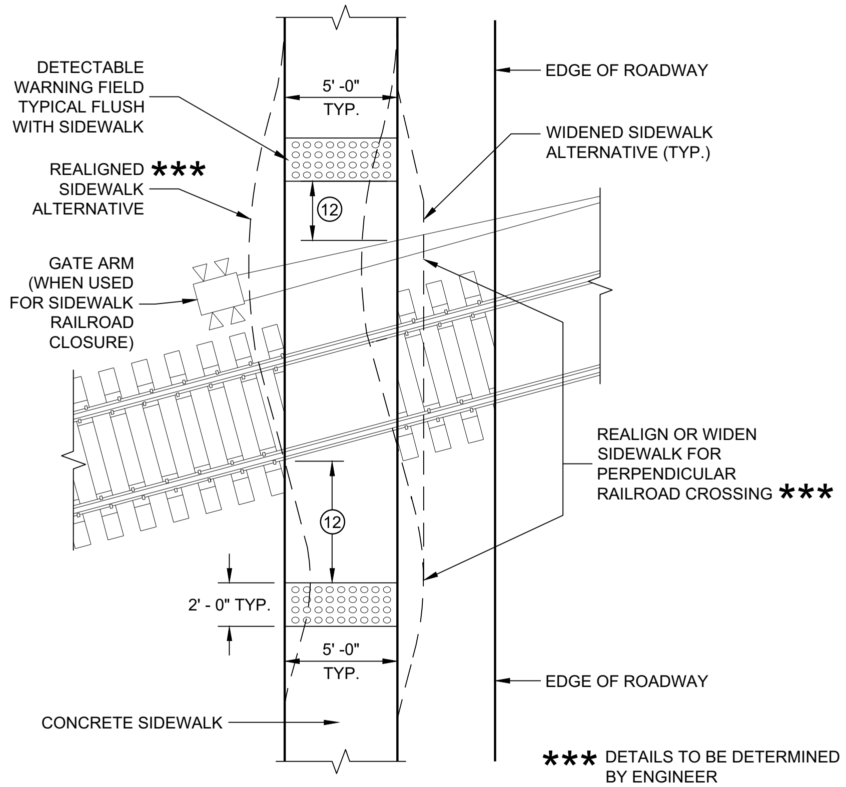
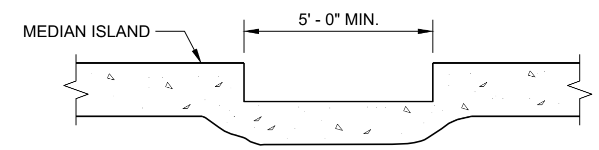
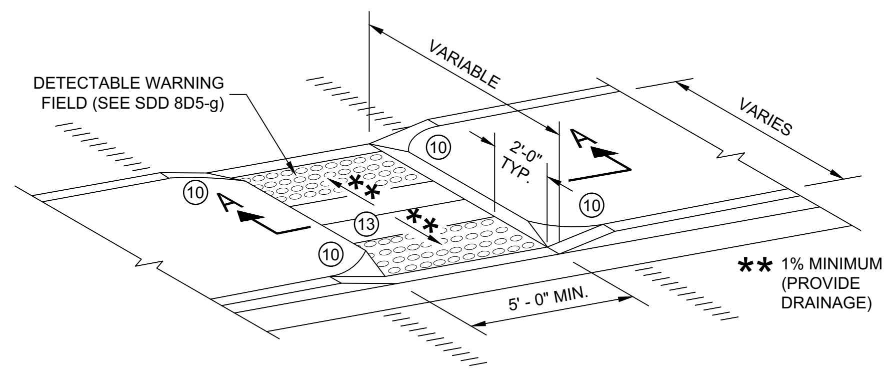


CURB RAMP TYPE 8

DETECTABLE WARNINGS AT RAILROAD CROSSING



SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 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.

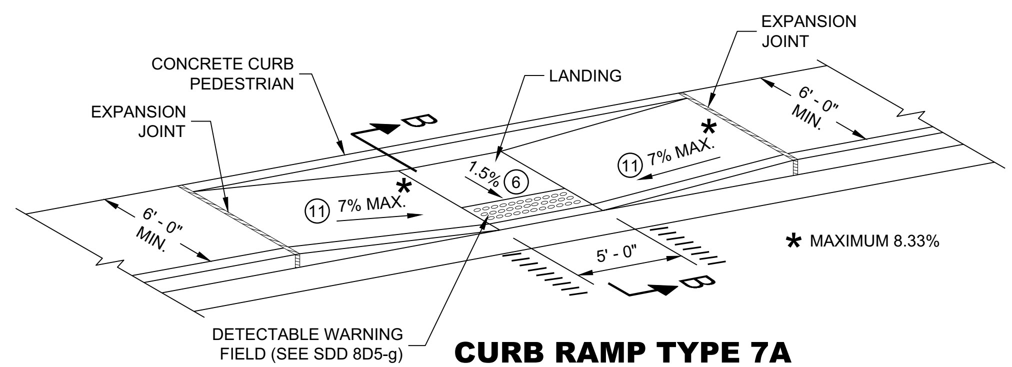
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(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. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

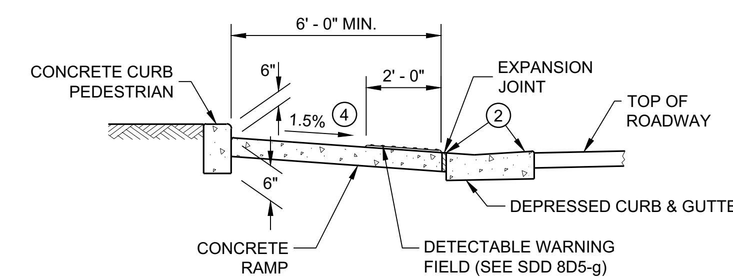
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

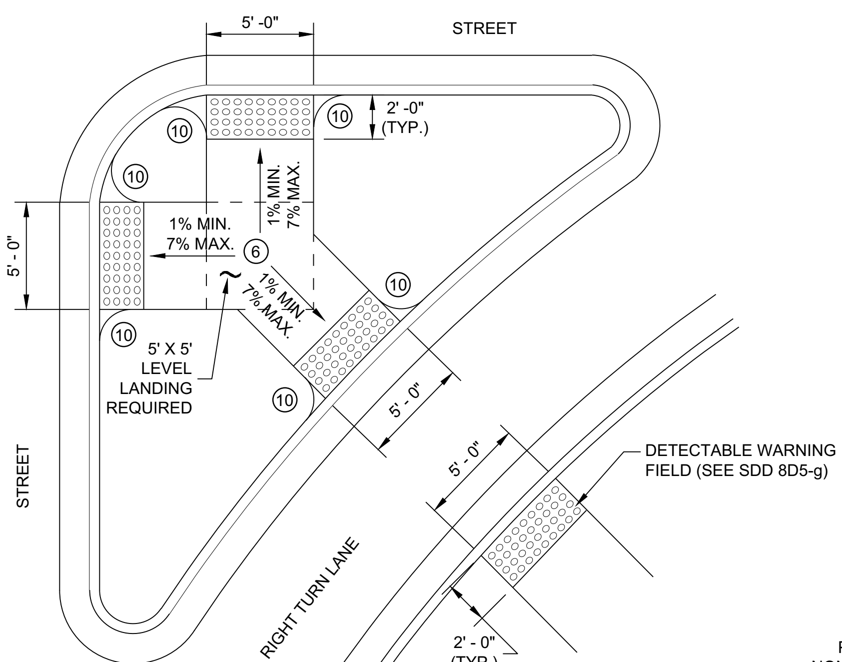


CURB RAMP TYPE 7A

MID BLOCK CROSSING



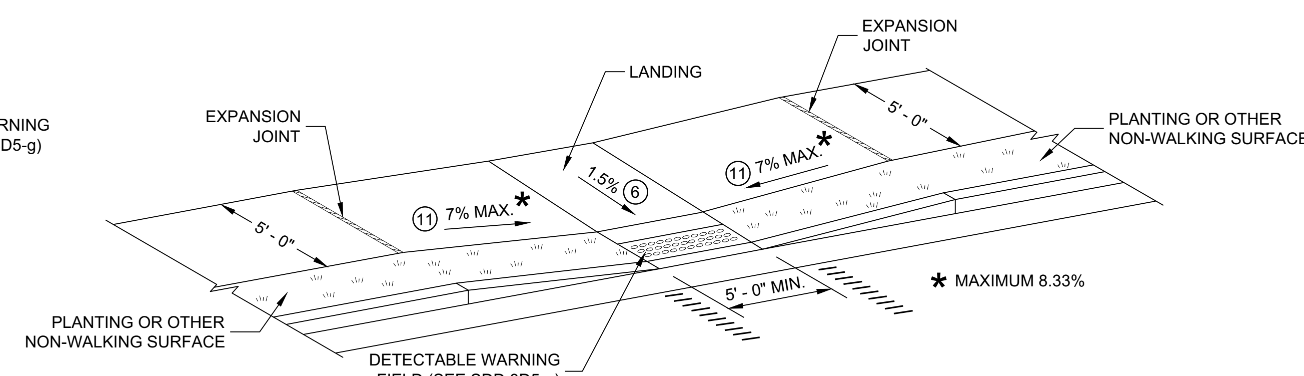
SECTION B - B FOR TYPE 7A



CURB RAMP TYPE 6

DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7B

MID BLOCK CROSSING

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

CURB RAMPS
TYPE 5, 6, 7A, 7B & 8

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LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

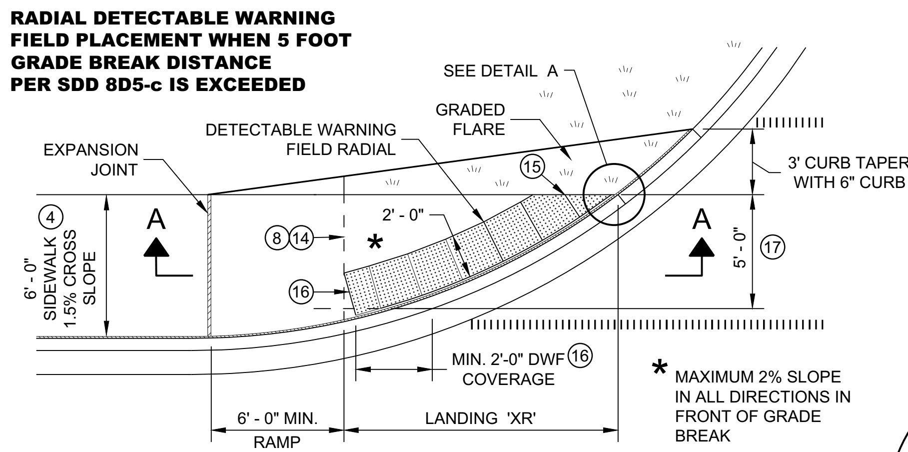
(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

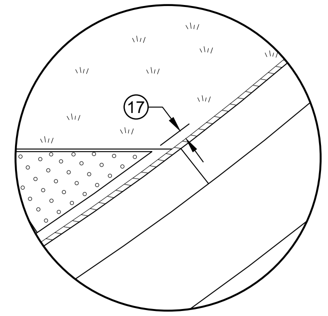
(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

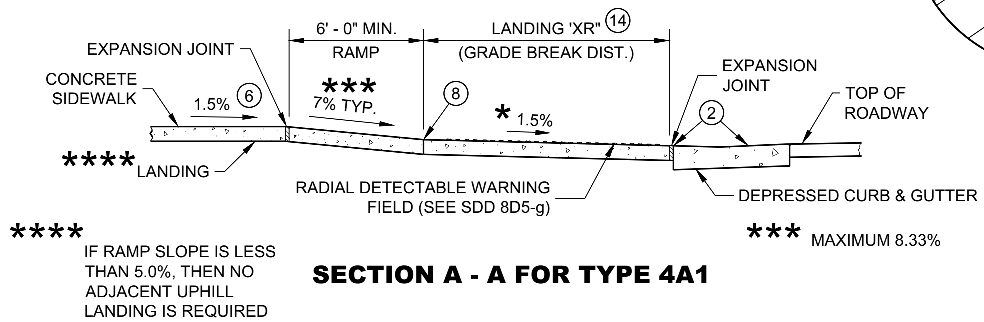
(17) A MAXIMUM 3 INCH CONCRETE BORDER WITH IS ALLOWABLE IN FROM OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.



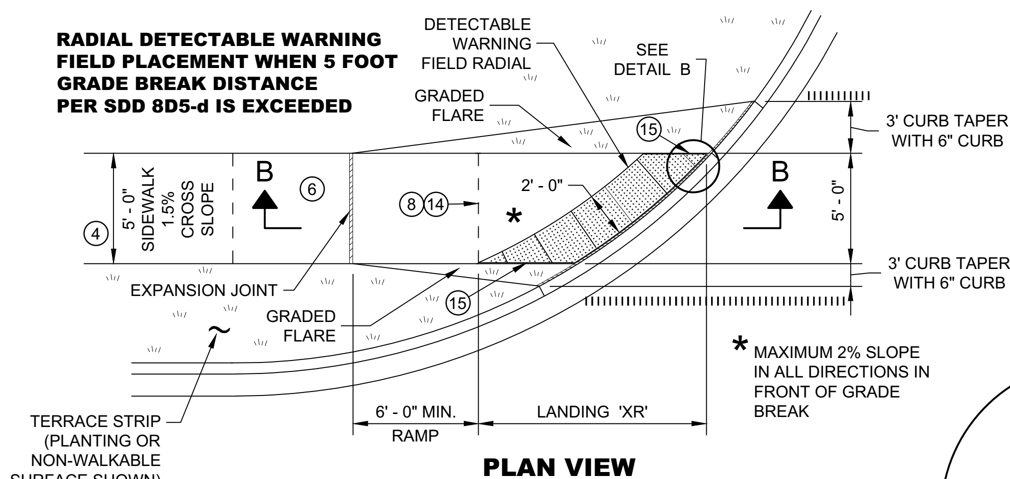
PLAN VIEW
CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



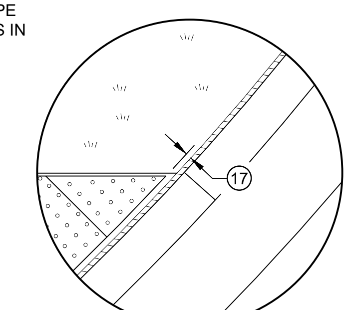
DETAIL A



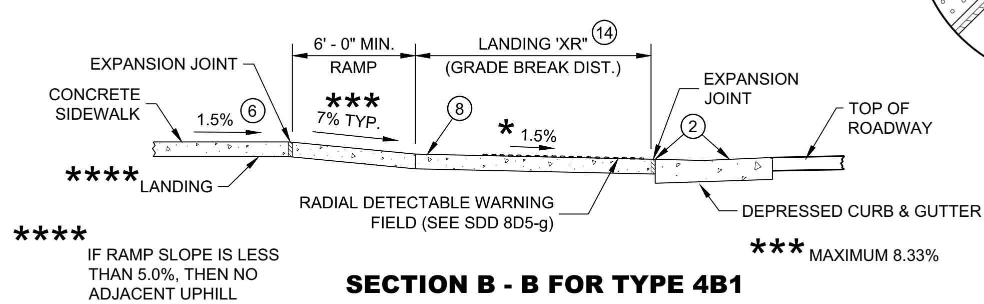
SECTION A - A FOR TYPE 4A1



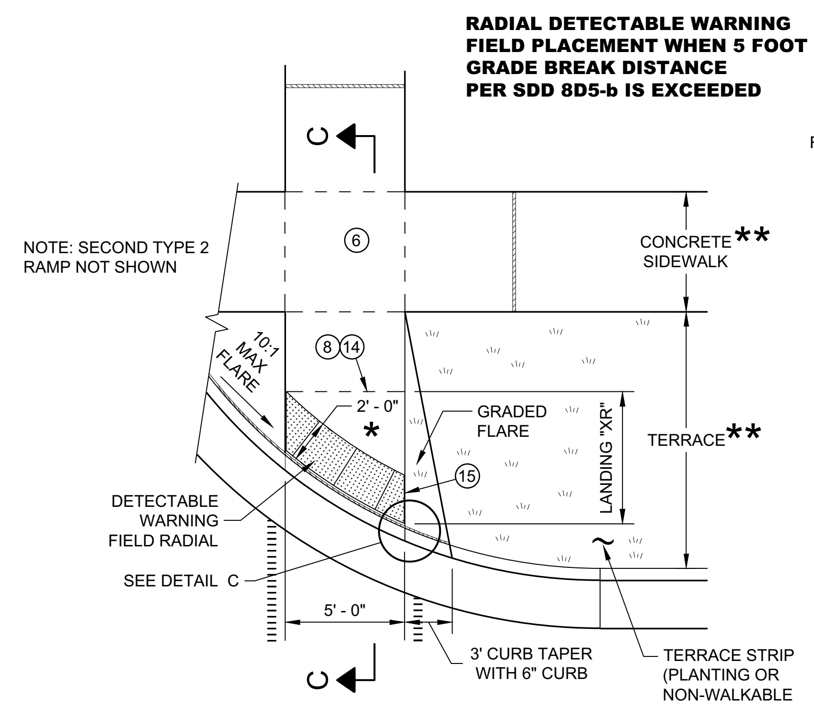
PLAN VIEW
CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



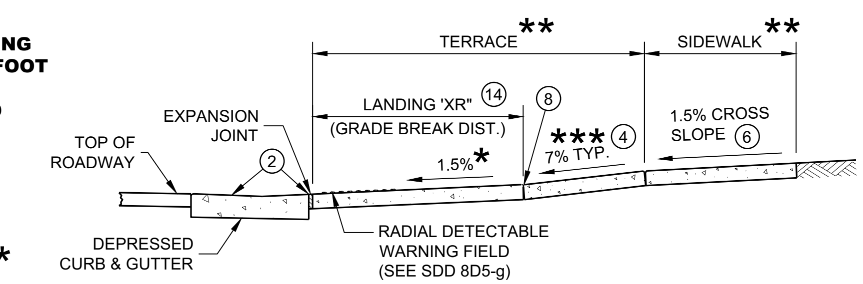
DETAIL B



SECTION B - B FOR TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)

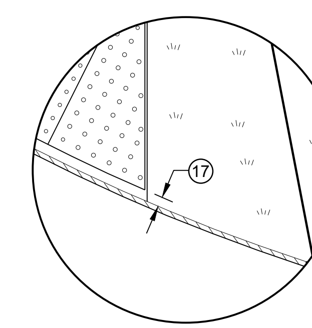


SECTION C - C FOR TYPE 2

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%



DETAIL C

CURB RAMPS
RADIAL DETECTABLE WARNING FIELD APPLICATIONS

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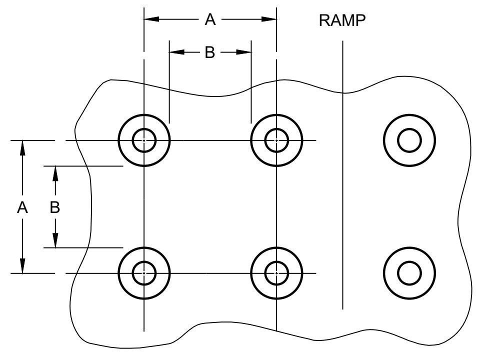
DEPARTMENT OF TRANSPORTATION

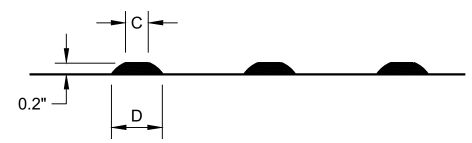
SDD 08D05 - 20f



	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

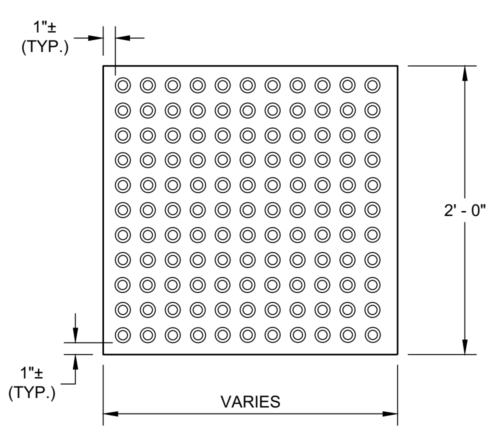
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

PLAN VIEW

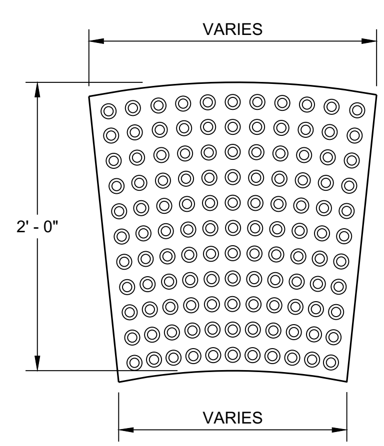


ELEVATION VIEW

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



RECTANGULAR PLATES



RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

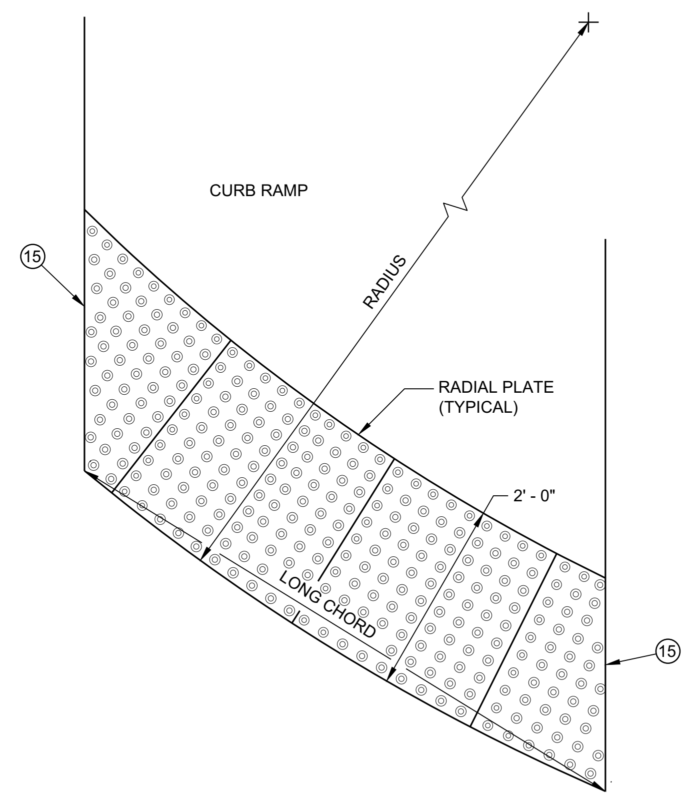
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

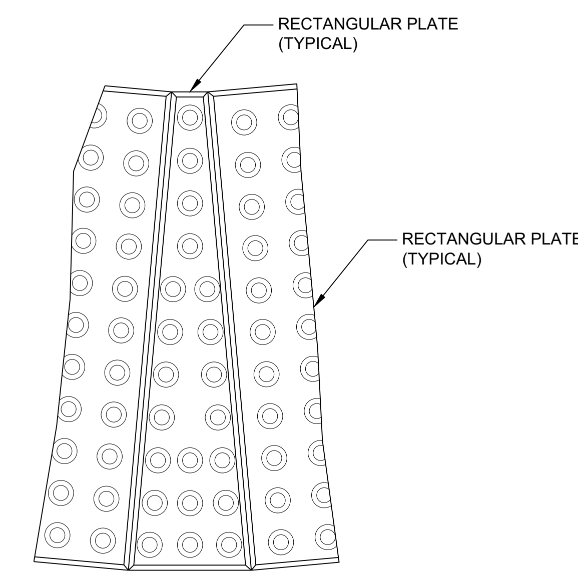
REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

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CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

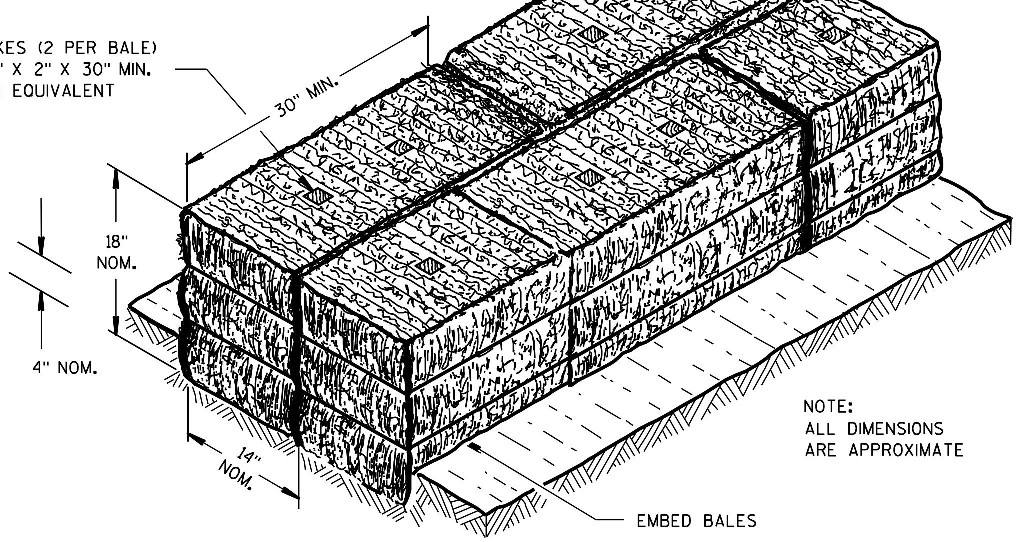
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR
FHWA

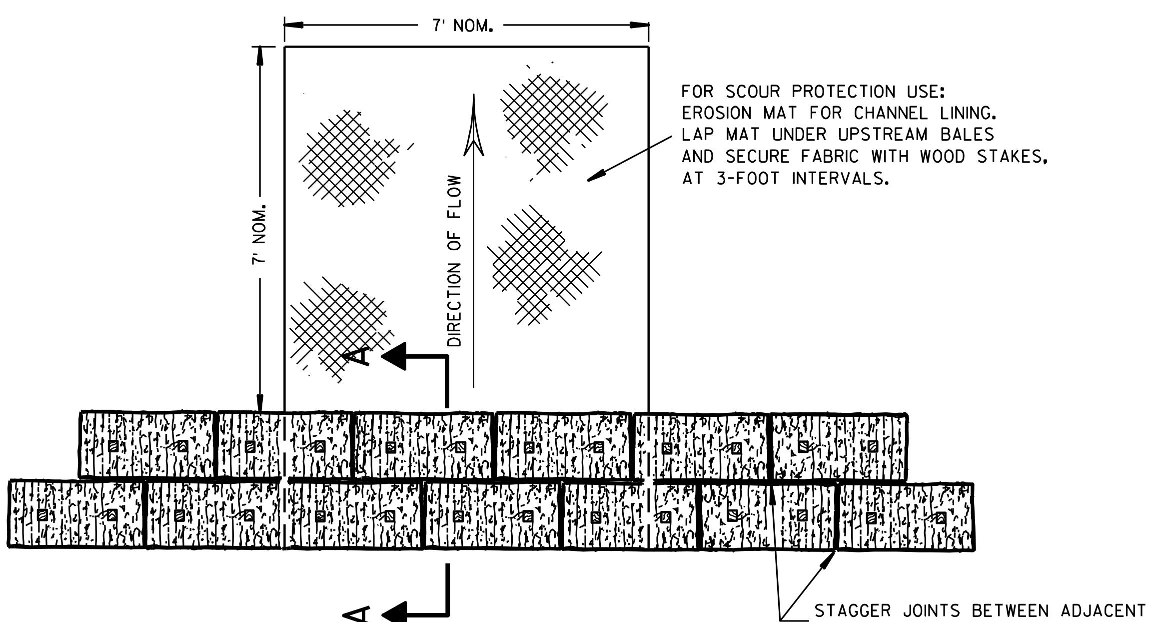
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

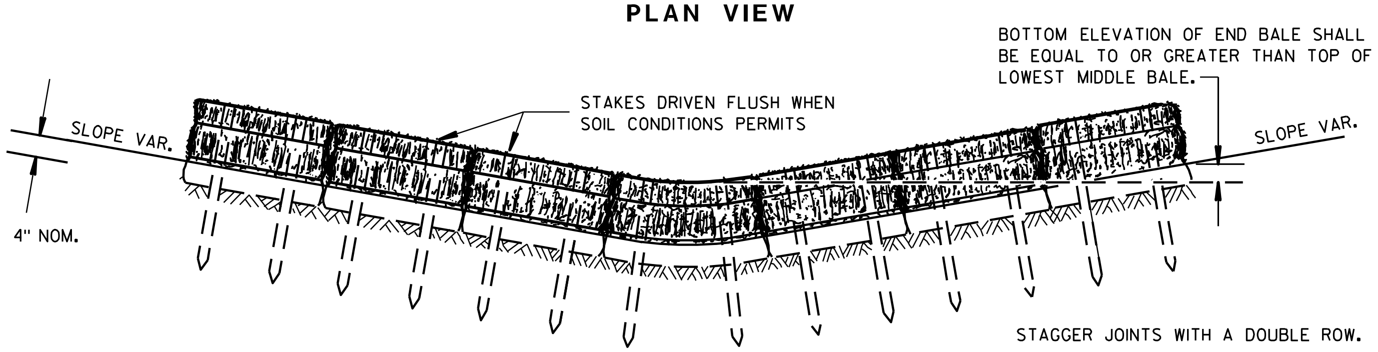
(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.



SECTION A-A

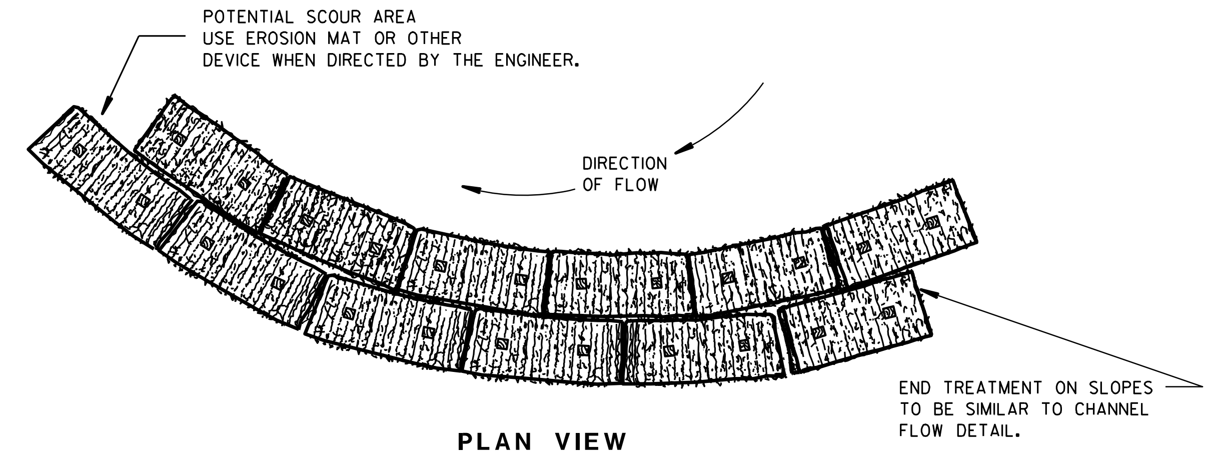


PLAN VIEW



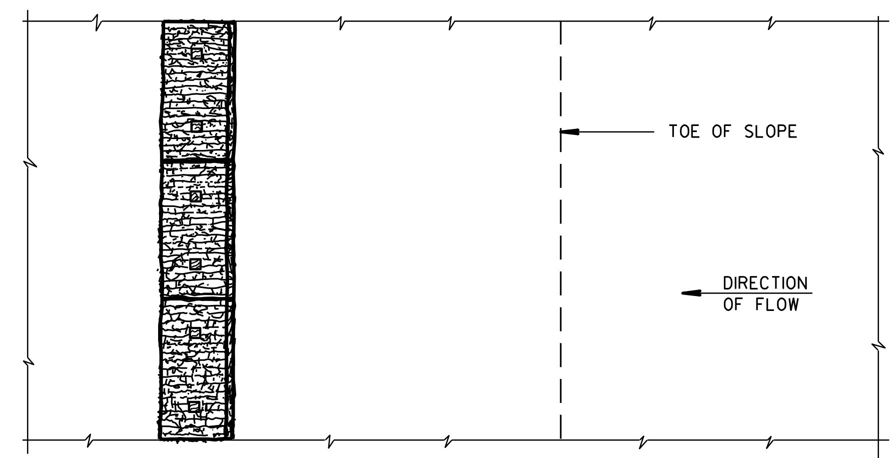
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

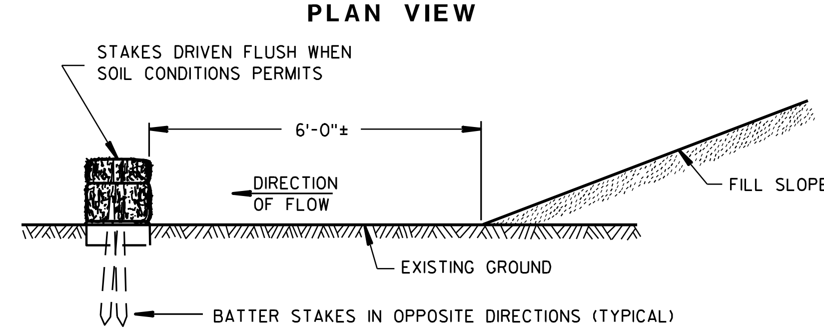


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED 6/04/02 DATE   /S/ Beth Cann CHIEF ROADWAY DEVELOP 184 INEER FHWA

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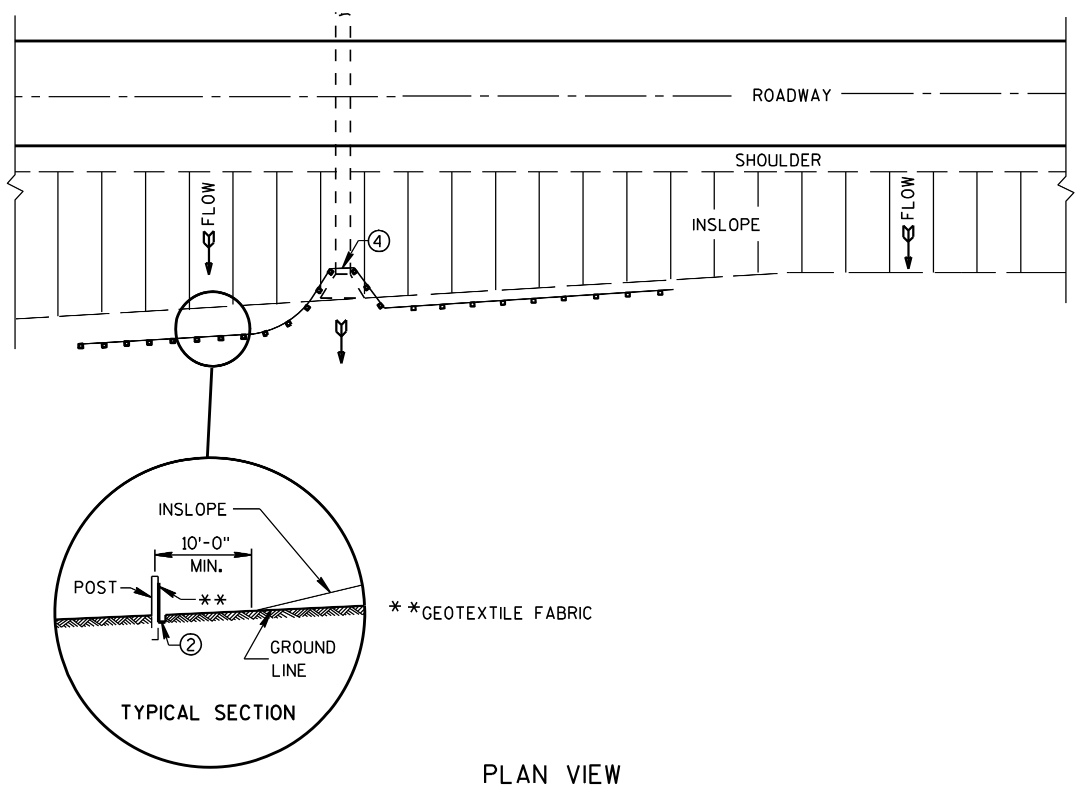
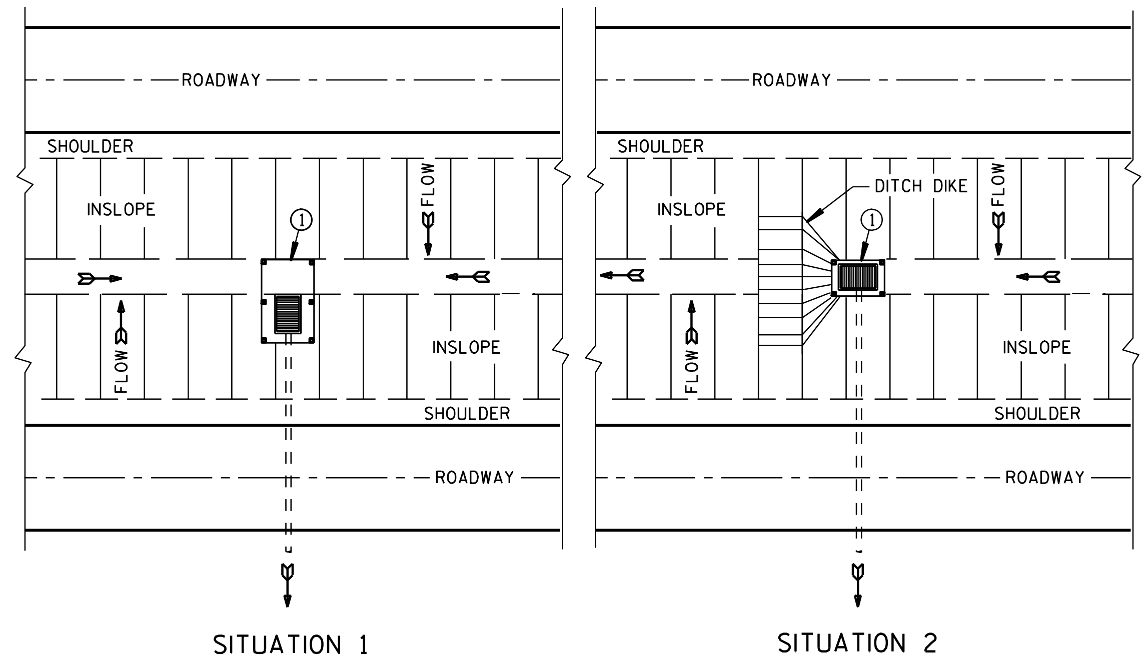
S.D.D. 8 E 8-3

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

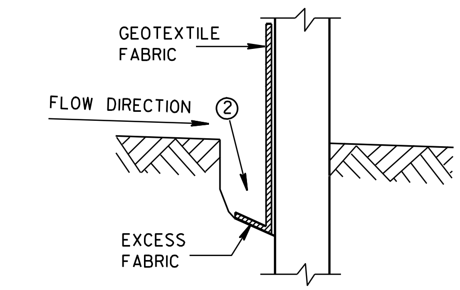
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

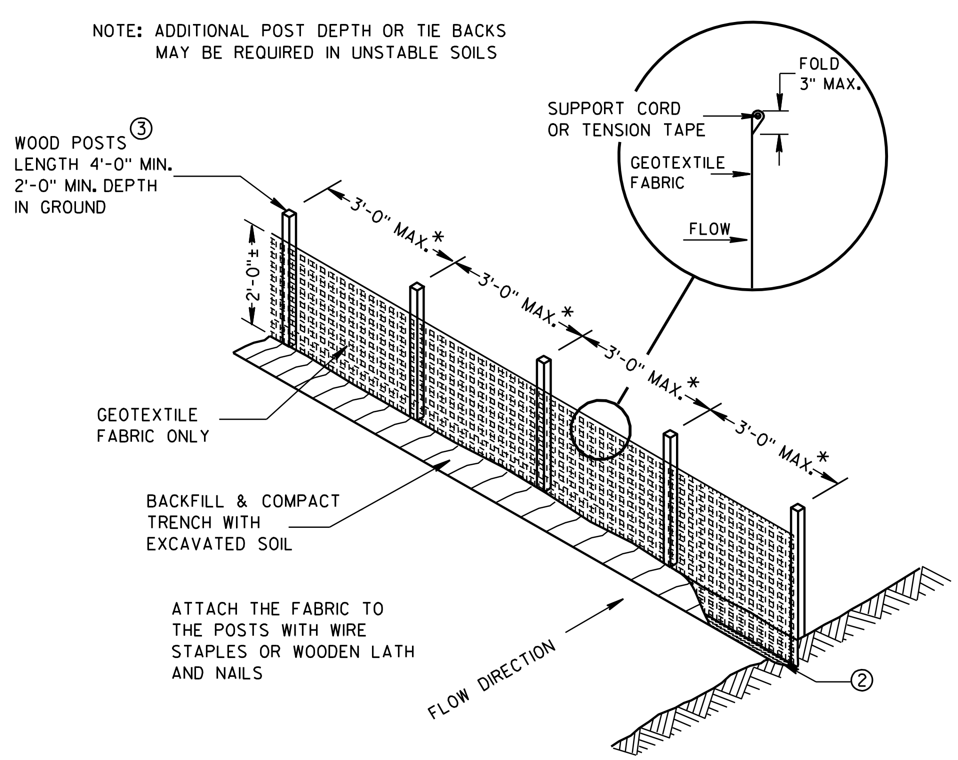
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF $1\frac{1}{8}$" X $1\frac{1}{8}$" OF OAK OR HICKORY.

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.

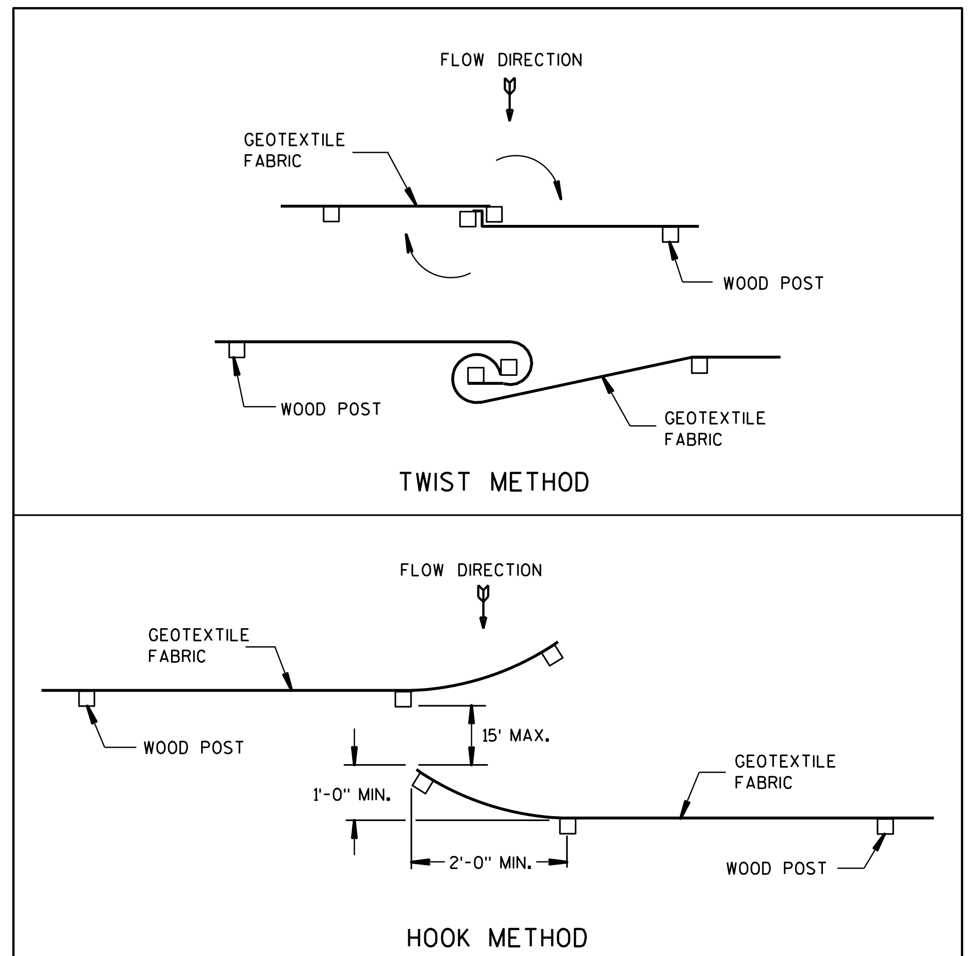


TRENCH DETAIL

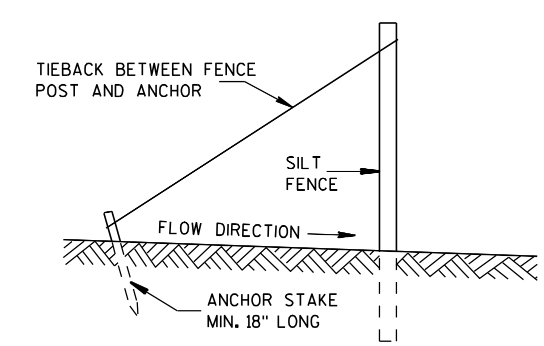


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE



JOINING TWO LENGTHS OF SILT FENCE ⑤



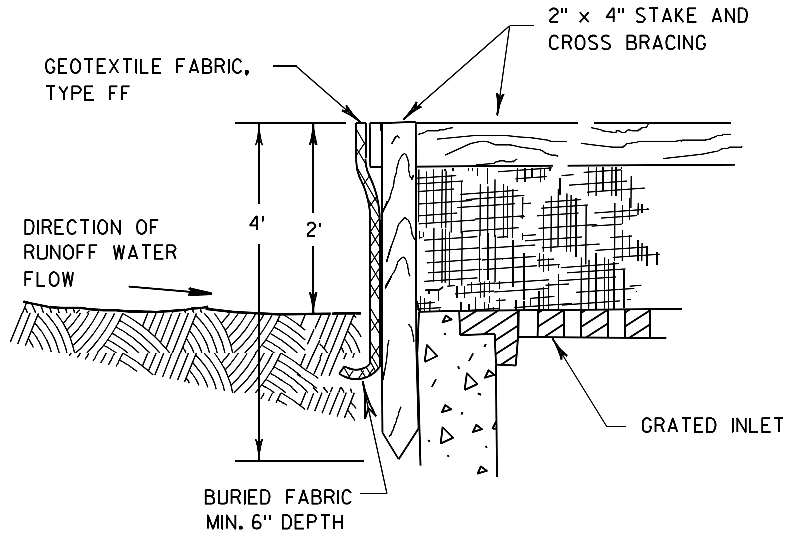
SILT FENCE TIE BACK

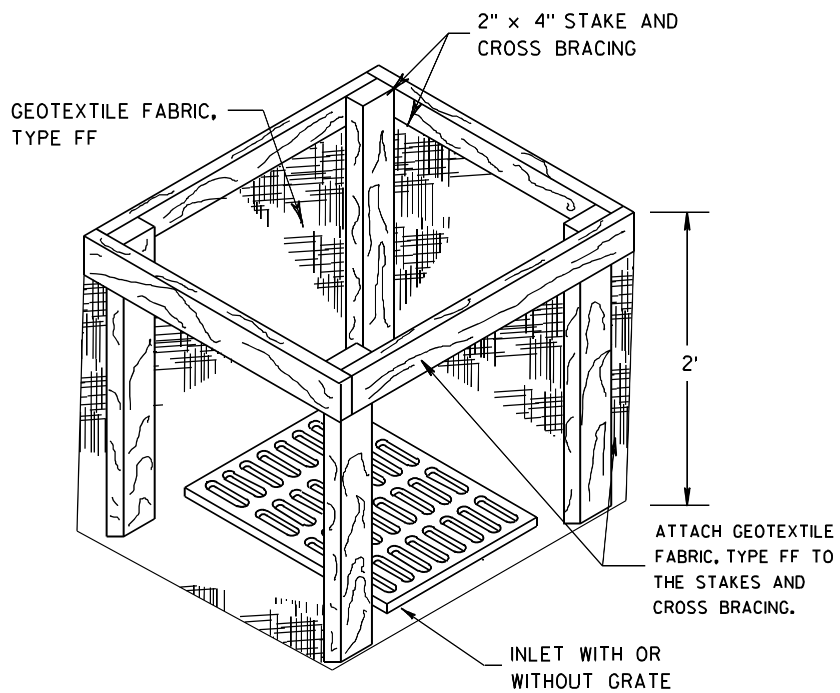
(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

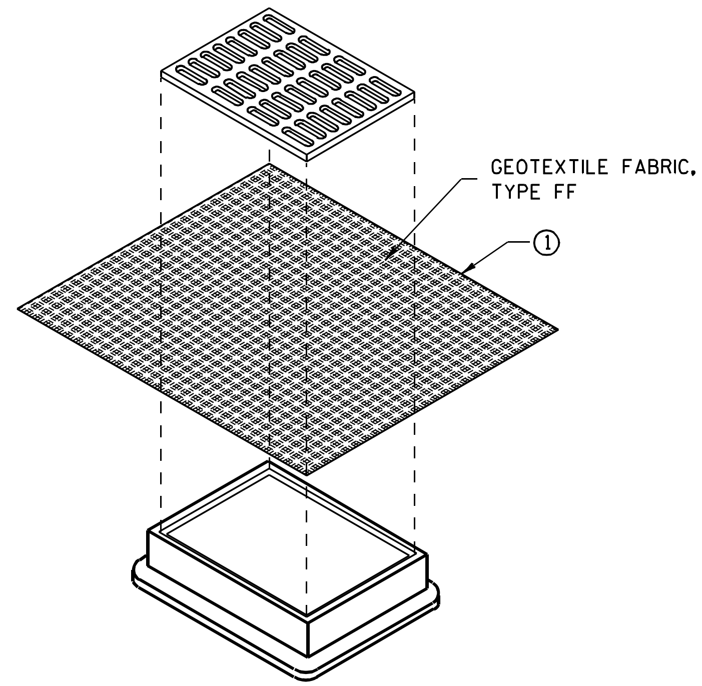
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05
DATE
/S/ Beth Cann...
CHIEF ROADWAY DEVELOP... ...INEER
FHWA



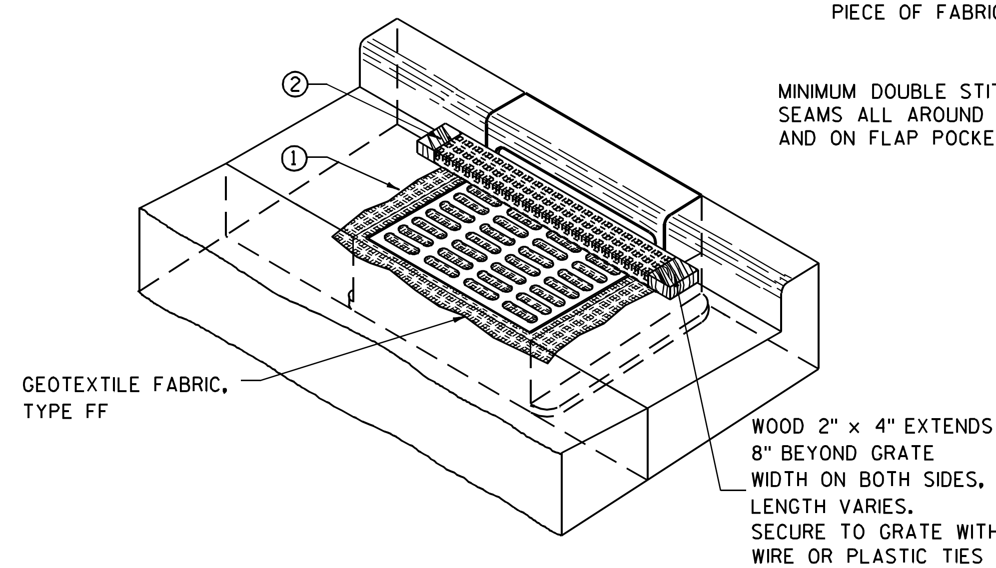


INLET PROTECTION, TYPE A

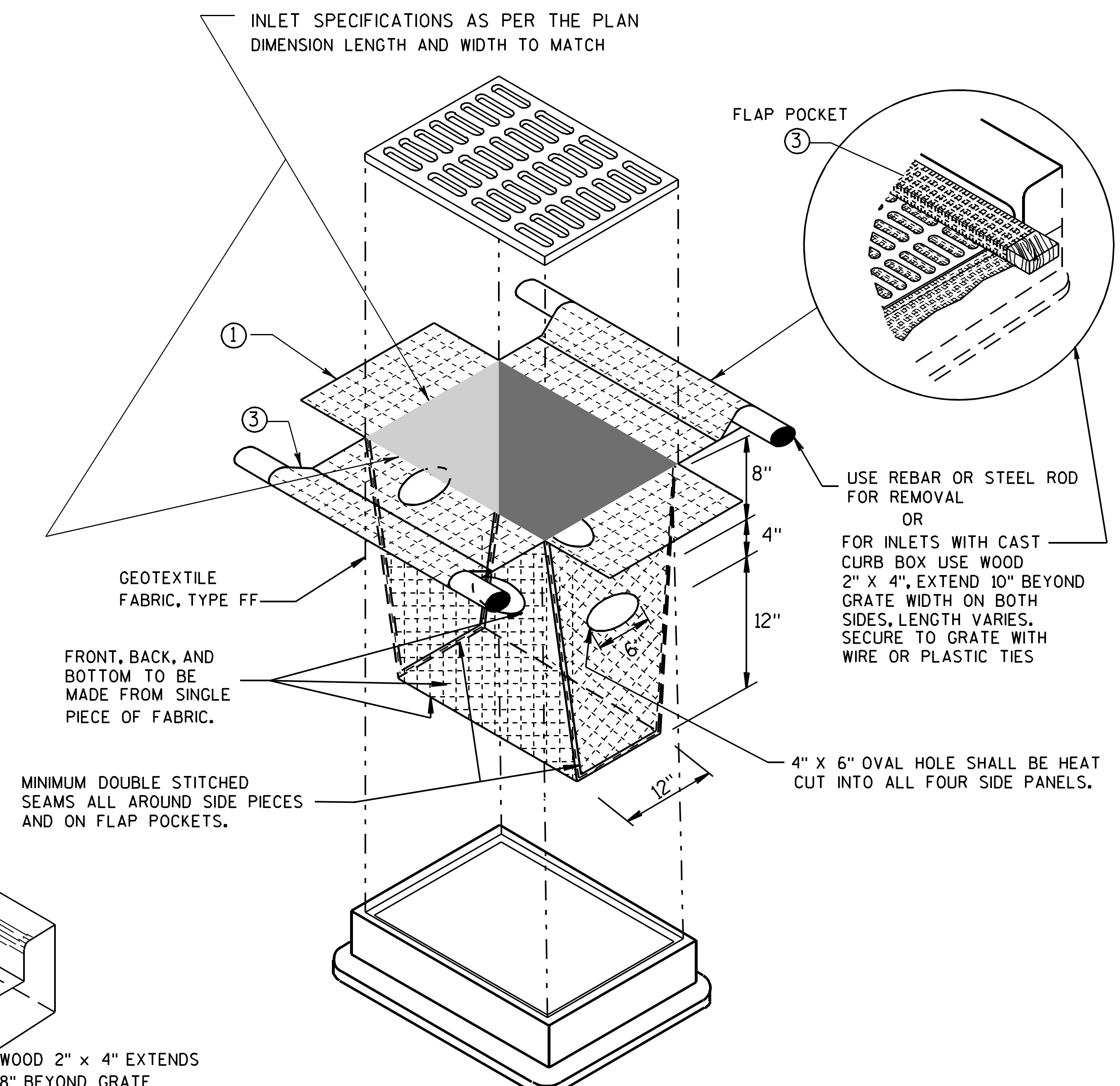


INLET PROTECTION, TYPE B (WITHOUT CURB BOX)

(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 Cann... CHIEF ROADWAY DEVELOPMENT ENGINEER FHWA

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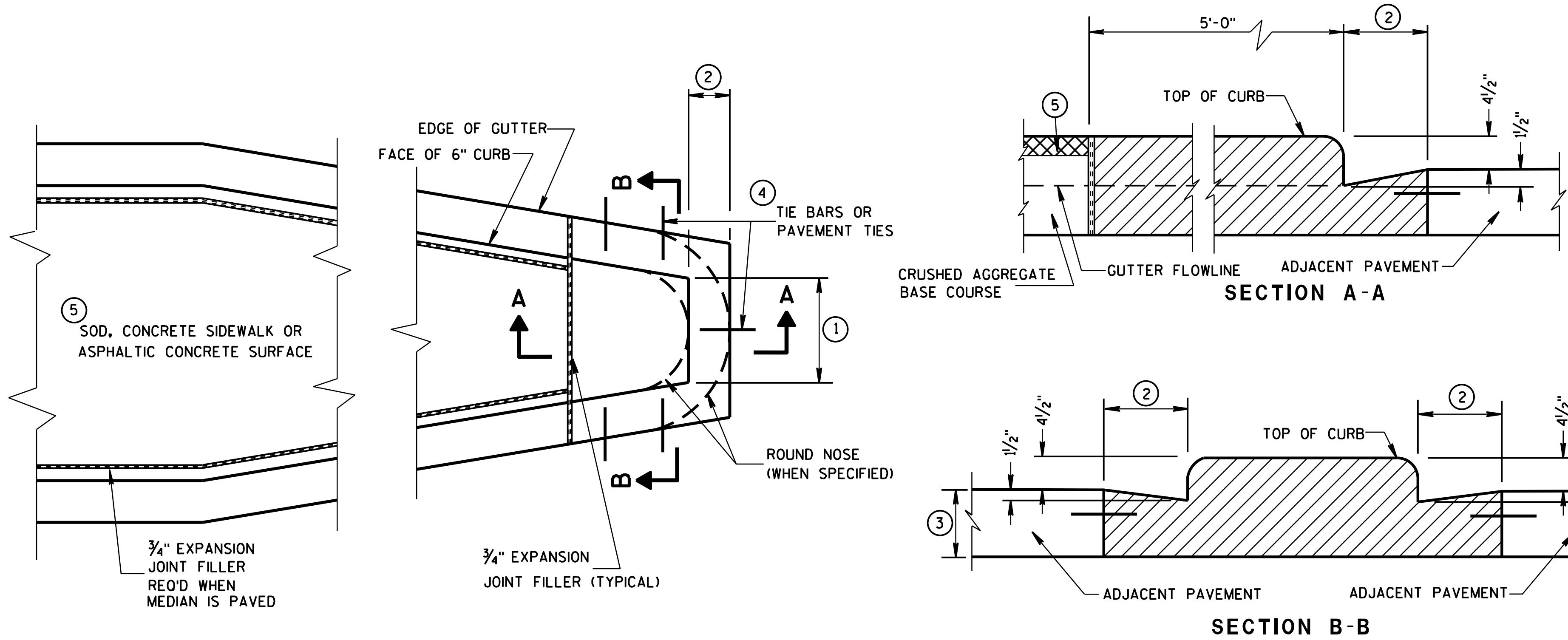


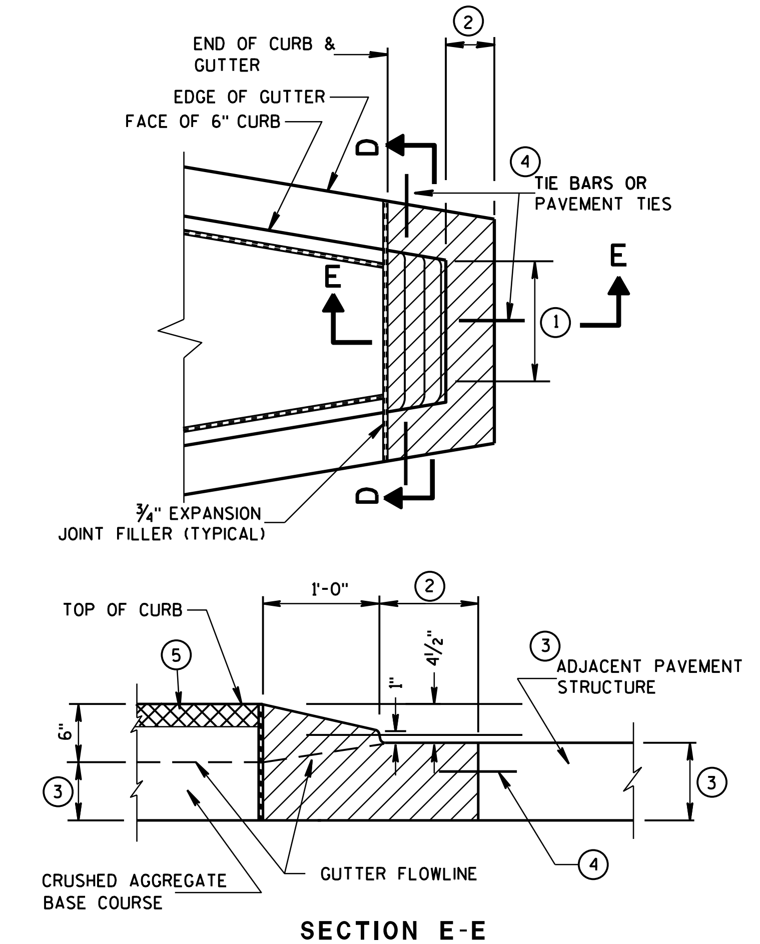
CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

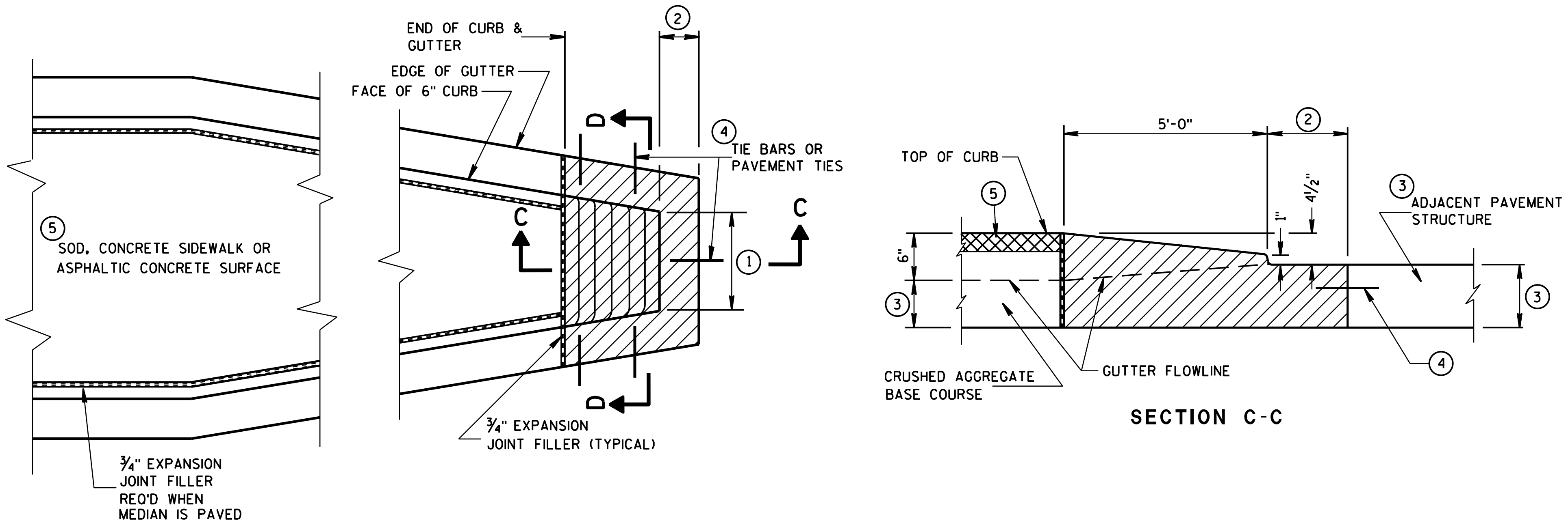
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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.

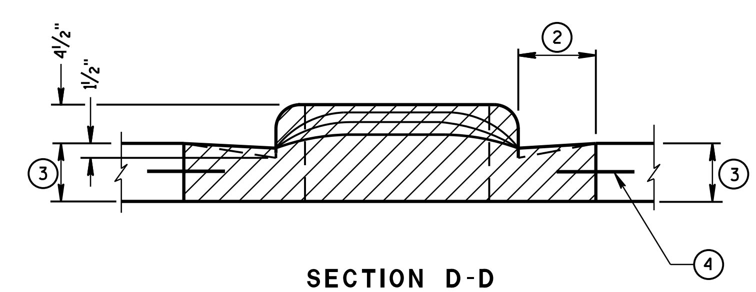
   PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.
5. SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



CONCRETE MEDIAN SLOPED NOSE TYPE 2



CONCRETE MEDIAN SLOPED NOSE TYPE 1



CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/8/2006 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

S.D.D. 11 B 2-2

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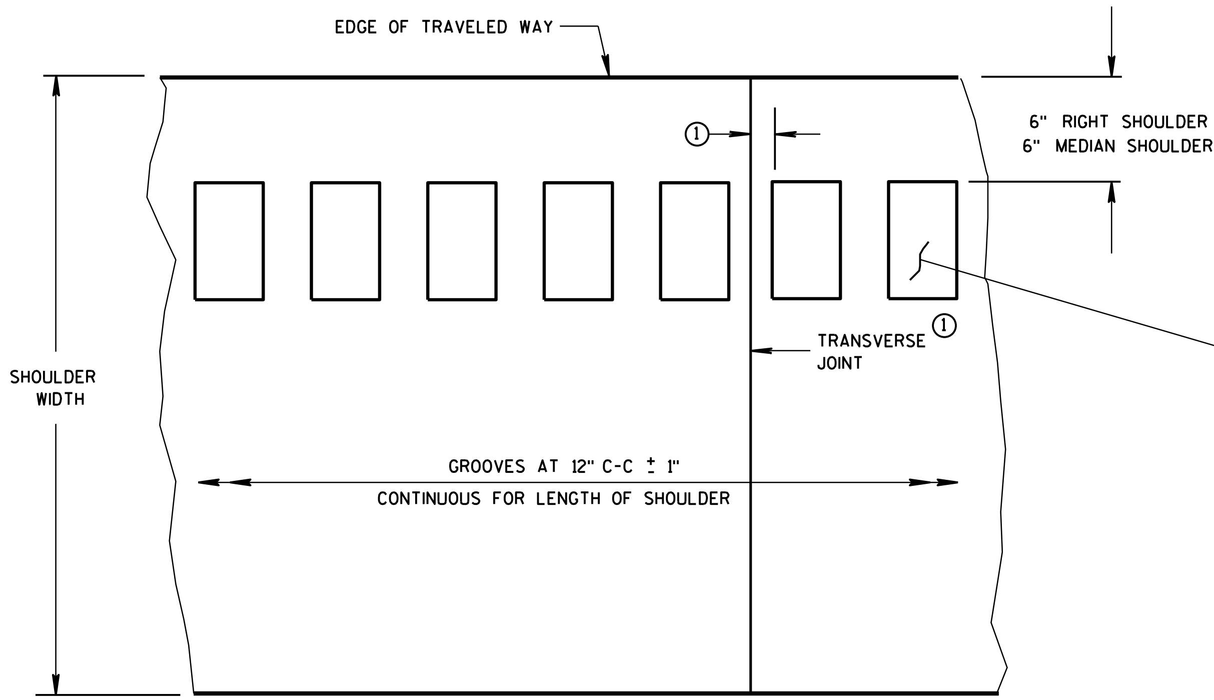
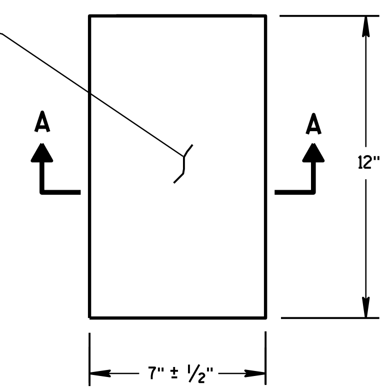


PLAN VIEW
SHOULDER WITH GROOVES



PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

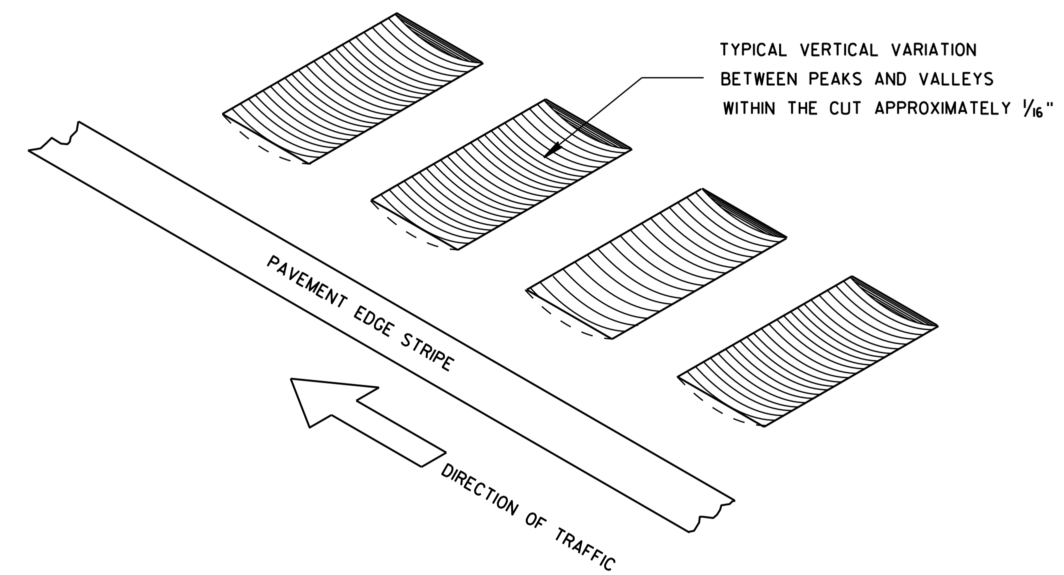
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

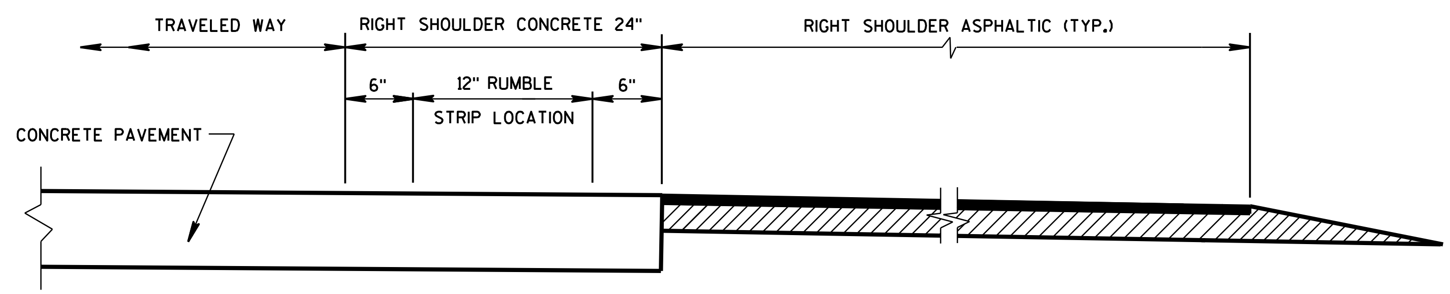
RUMBLE STRIPS ON EXPRESSWAYS

DO NOT INSTALL RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIAL DRIVEWAYS, PRIVATE DRIVEWAYS OR ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, BRIDGE DECKS, BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSING. THE ATTACHED STANDARD DETAIL DRAWING SHOWS THE LOCATION OF THE RUMBLE STRIPS AT INTERCHANGE AREAS.

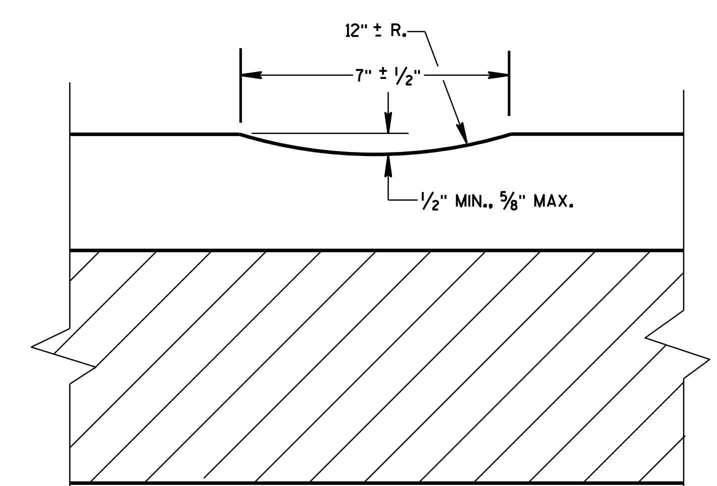
(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6" AWAY FROM TRANSVERSE JOINTS.



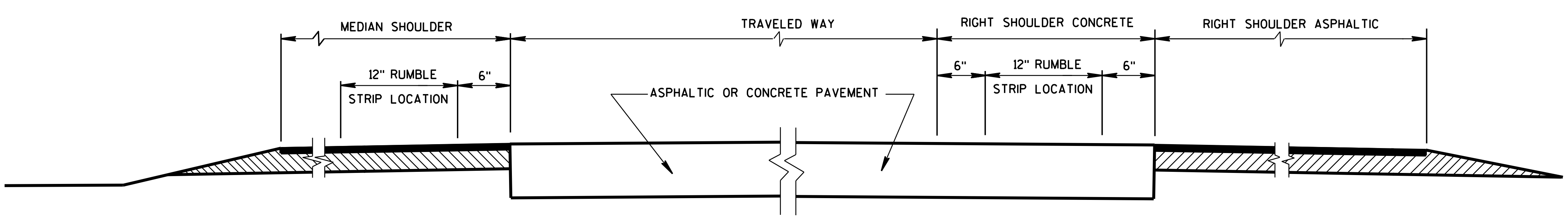
ISOMETRIC



SECTION VIEW
CONCRETE PAVEMENT EXTENDS INTO RIGHT SHOULDER)



SECTION A-A



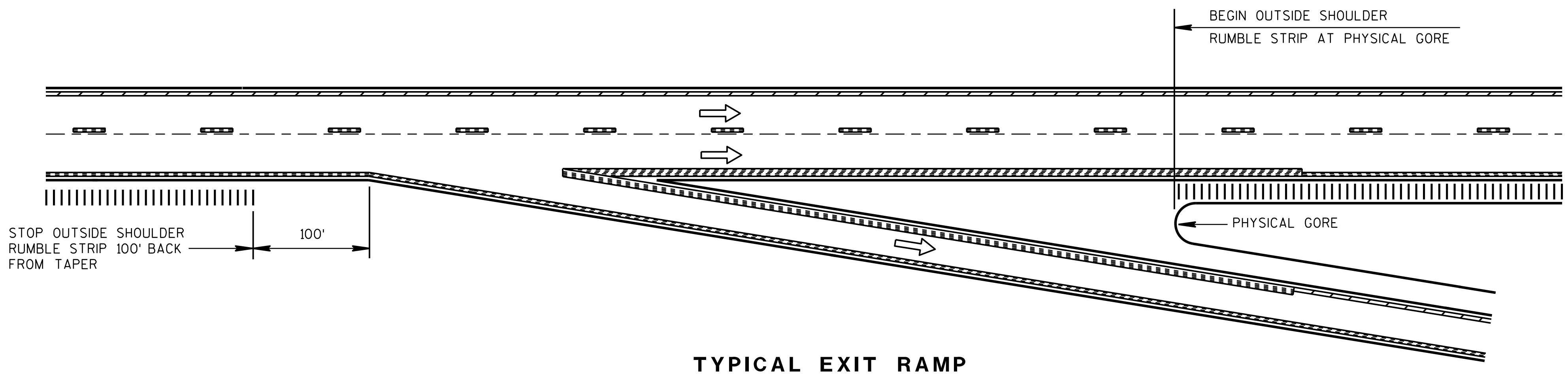
SECTION VIEW

TYPICAL LOCATIONS OF SHOULDER RUMBLE STRIPS IN RURAL DIVIDED HIGHWAYS

(ONE ROADWAY IS SHOWN)

SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI



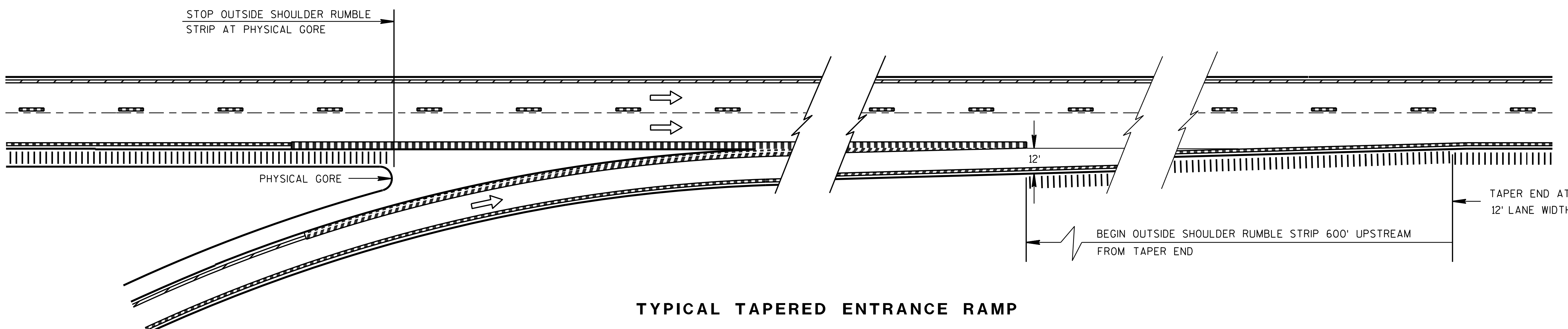
TYPICAL EXIT RAMP

NOTES:

NO RUMBLE STRIP ON EXIT, DIRECTIONAL, OR ENTRANCE RAMPS, EXCEPT NEAR THE ENTRANCE TAPER END AND ALONG THE PARALLEL RAMP AREA AS SHOWN.

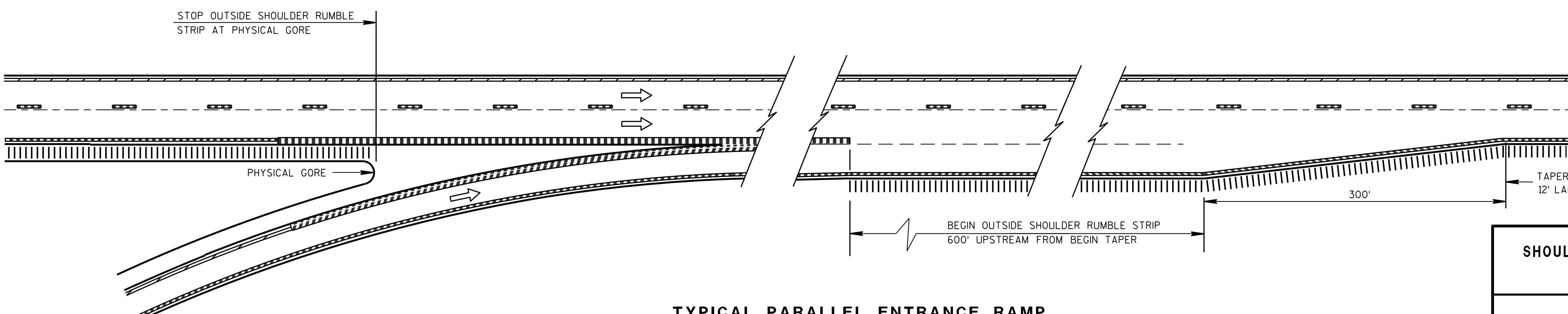
PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TYPICAL TAPERED ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS



TYPICAL PARALLEL ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS

SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/17/2012 /S/ Jerry H. Zogg
DATE ROADWAY STANDARDS ENGINEER
FHWA

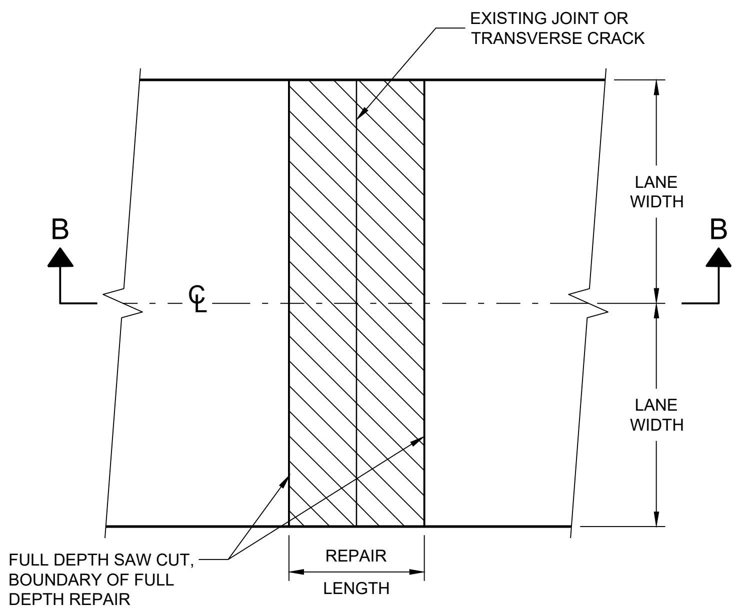
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

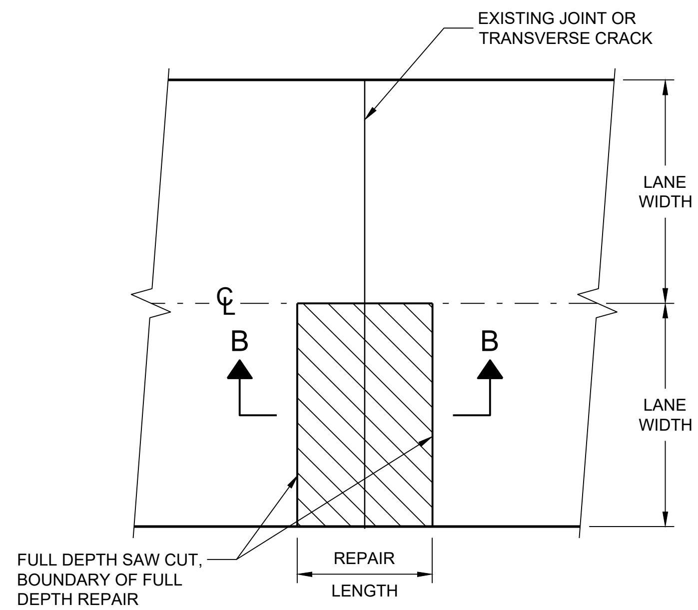
PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.

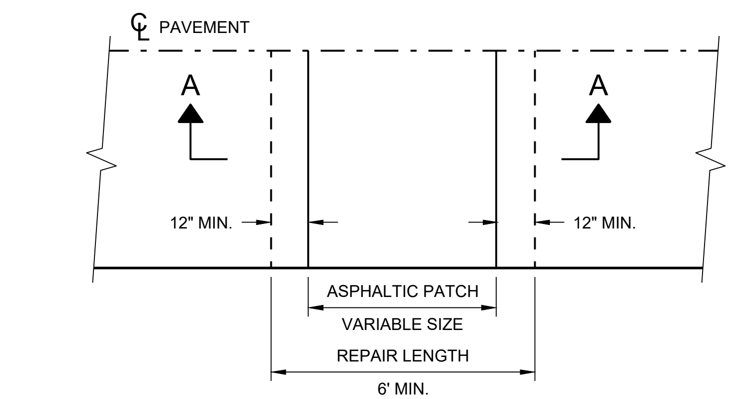


PLAN VIEW
DOUBLE LANE REPAIR

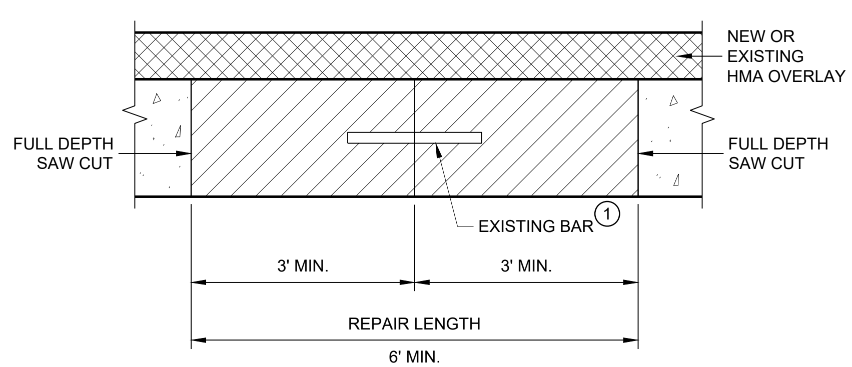


PLAN VIEW
SINGLE LANE REPAIR

FULL DEPTH CONCRETE PAVEMENT REMOVAL

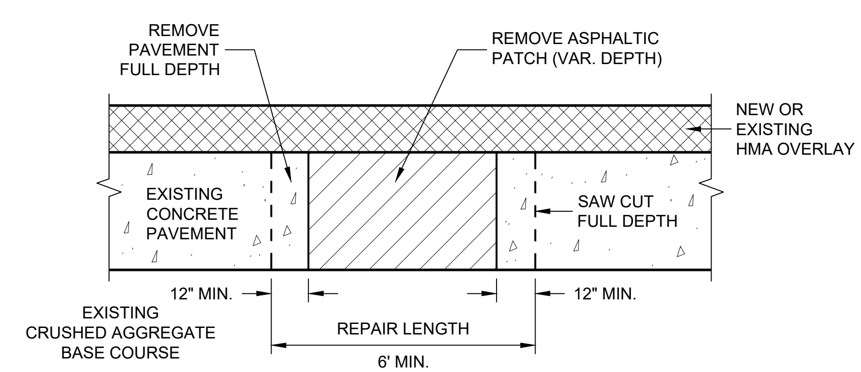


PLAN VIEW



SECTION B - B

CONCRETE REMOVAL

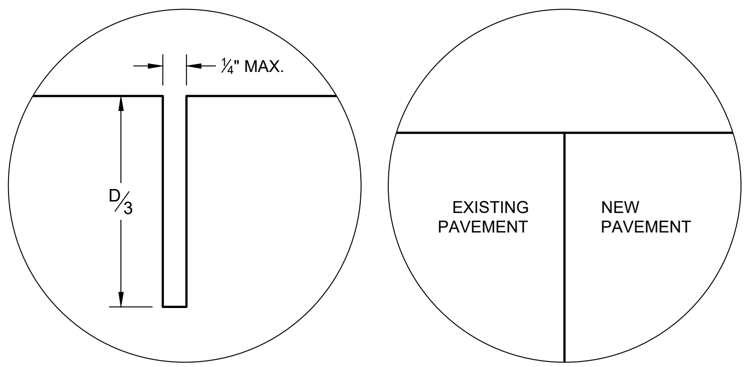


SECTION A - A

HMA PATCH REMOVAL

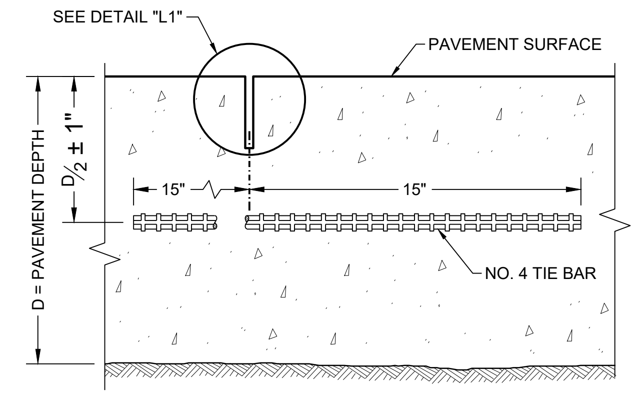
BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATI 190



C1 C2

TRANSVERSE JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT

GENERAL NOTES

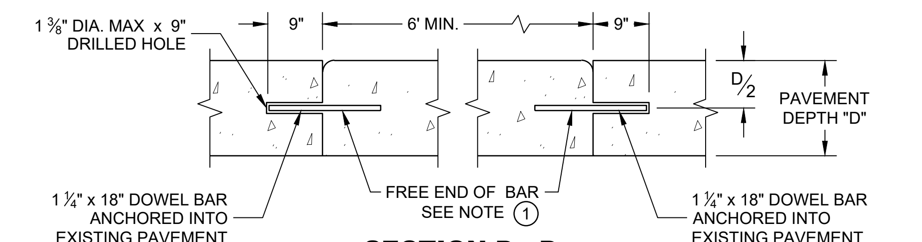
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE BASE PATCHES OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

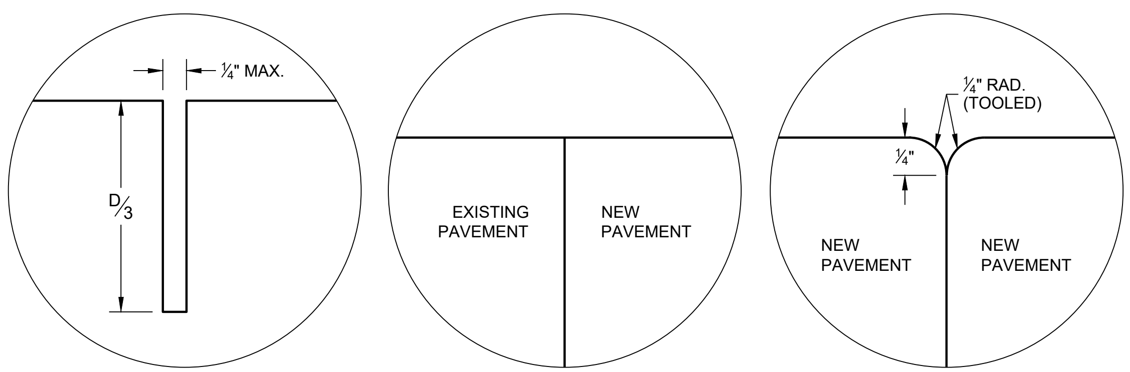
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT O EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

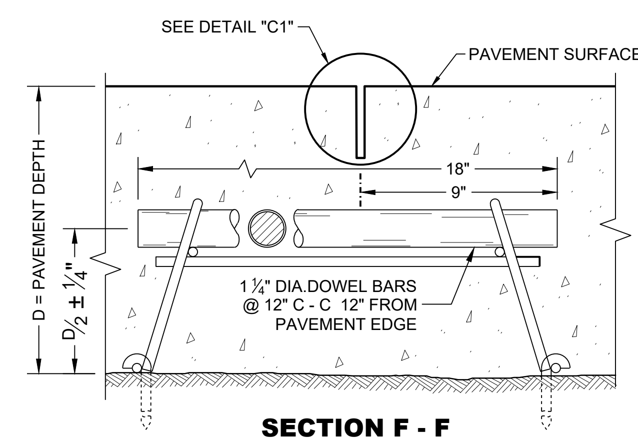


SECTION D - D



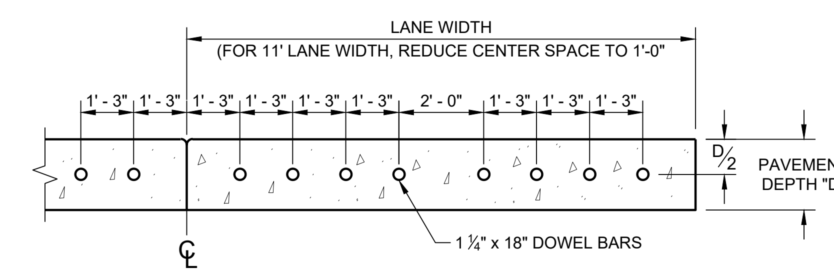
L1 L2 L3

LONGITUDINAL JOINTS



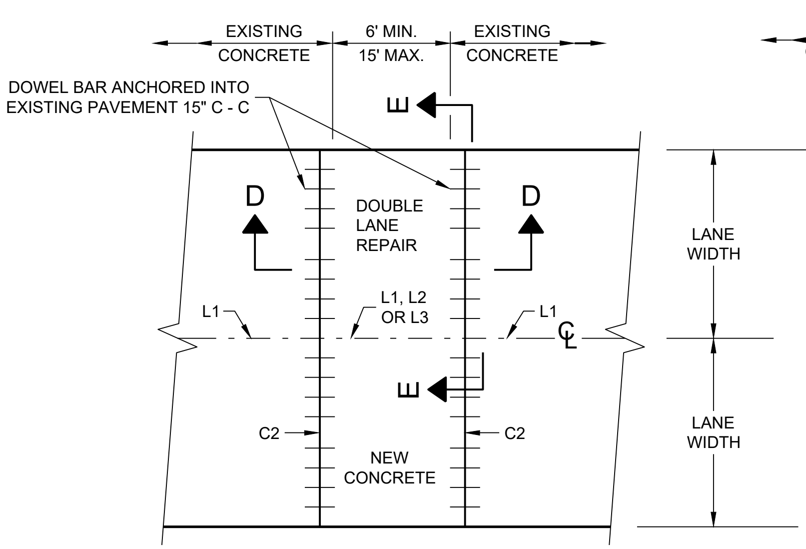
SECTION F - F

CONTRACTION JOINT



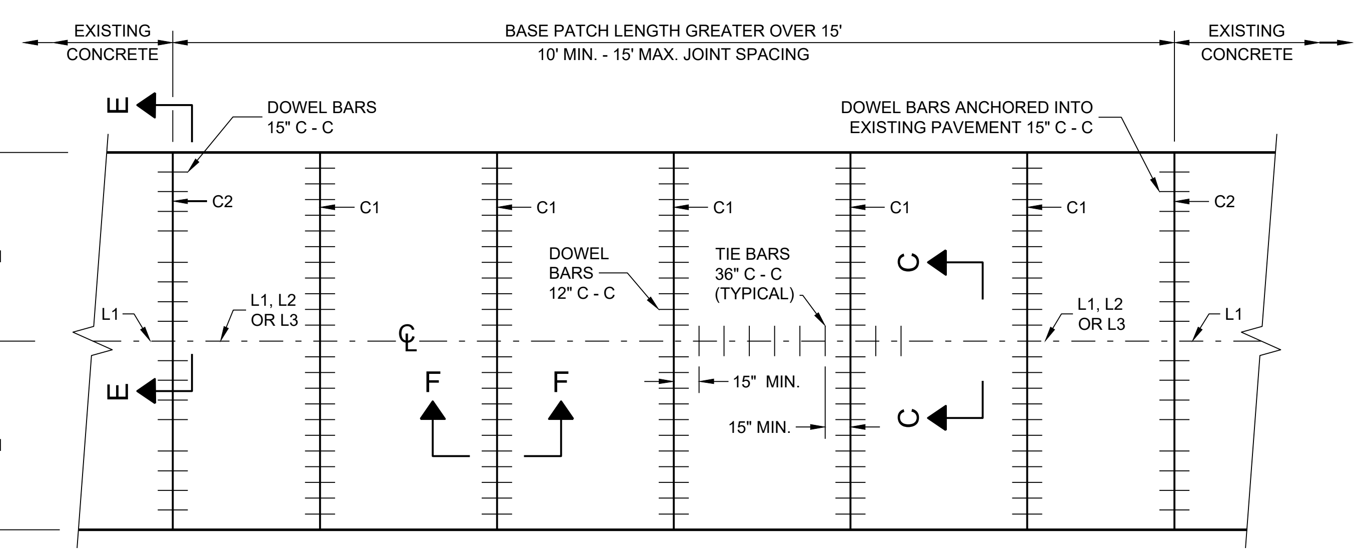
SECTION E - E

SPACING OF DOWEL BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

MULTILANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



PLAN VIEW

MULTILANE CONCRETE BASE PATCH GREATER THAN 15' IN LENGTH

6

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SDD 13C14 - 07b

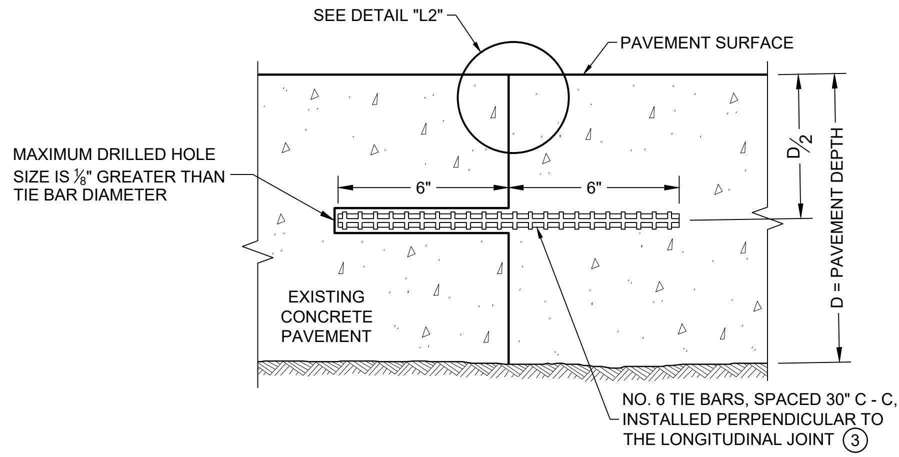
SDD 13C14 - 07b

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATI

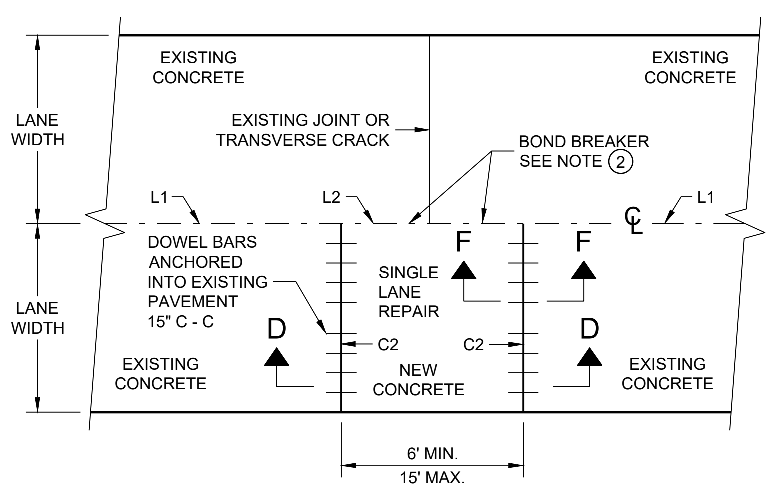
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOES WITH AN EPOXY.



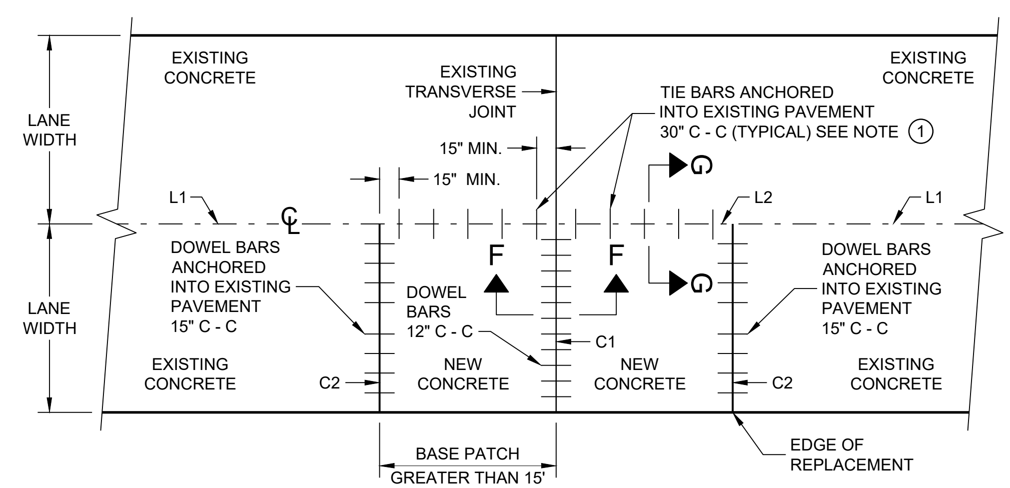
SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH
15' MAXIMUM LENGTH



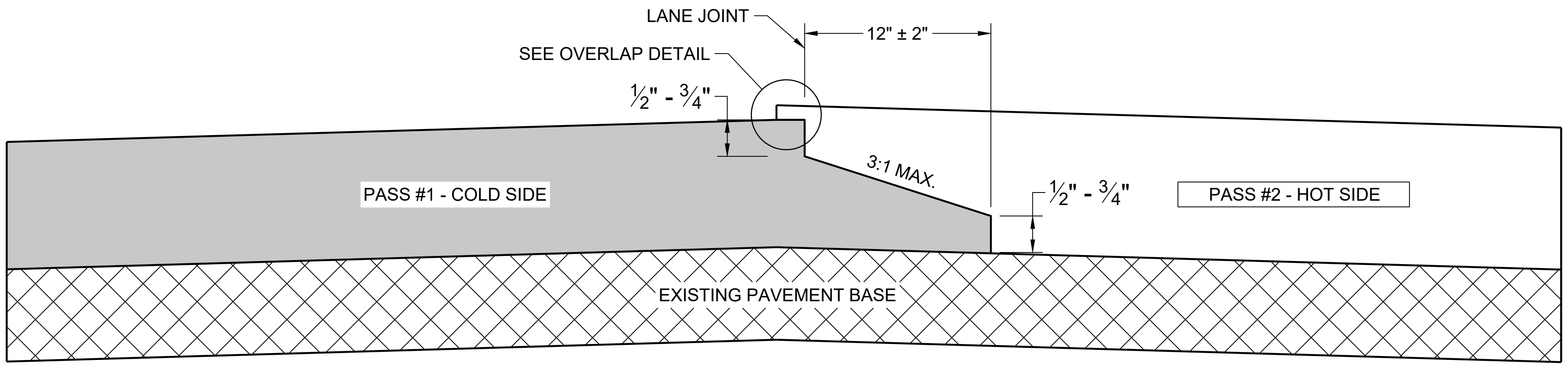
PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH
GREATER THAN 15' LENGTH

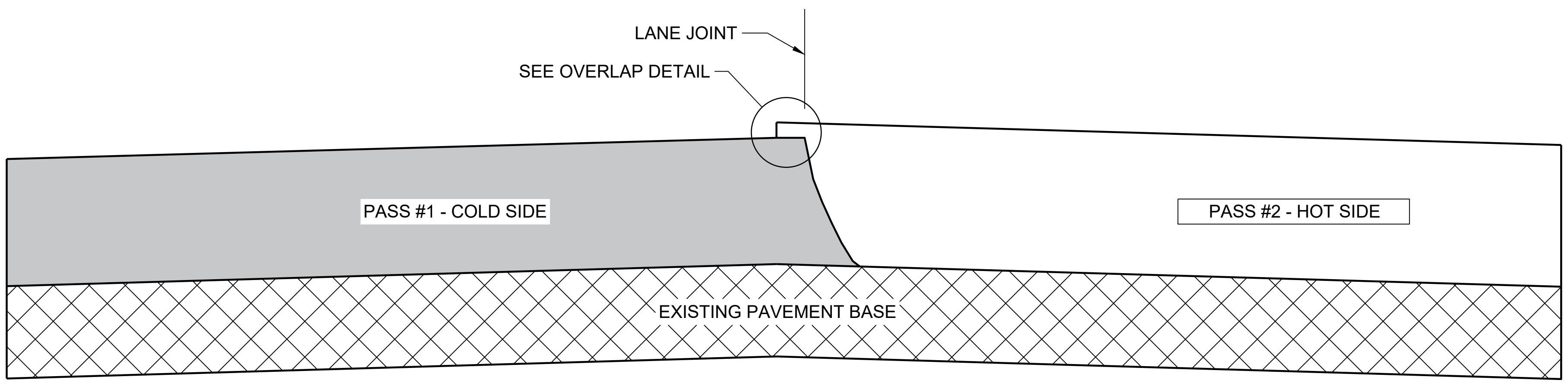
BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

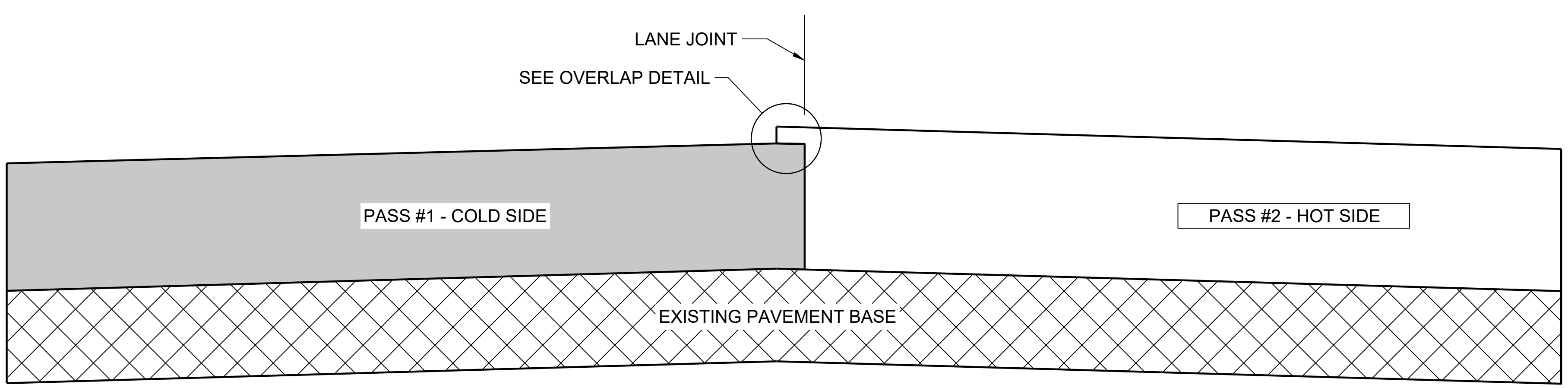
APPROVED
March 2018 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPERVISOR
FHWA



**TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT**



**TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT**



**TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)**

GENERAL NOTES

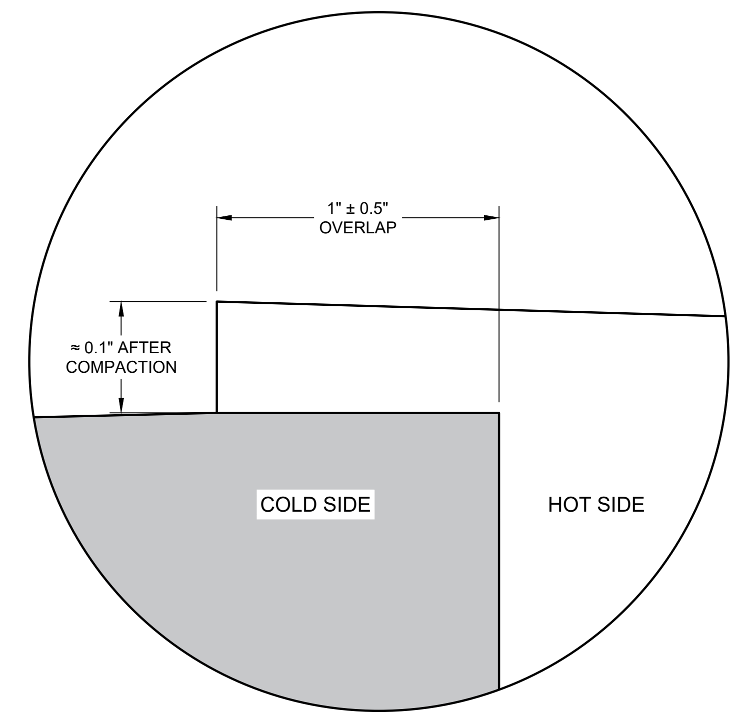
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.

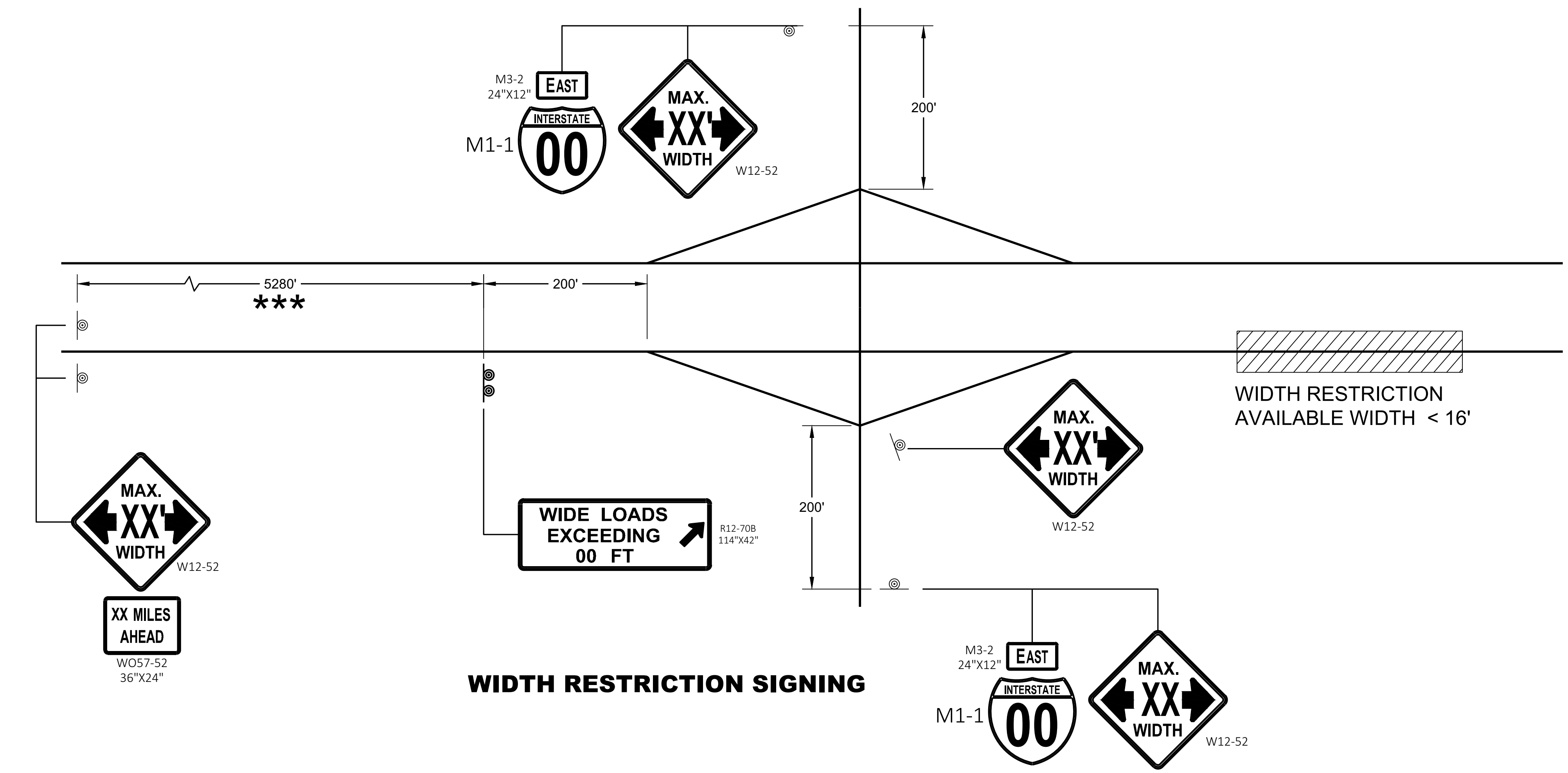


OVERLAP DETAIL (TYPICAL)

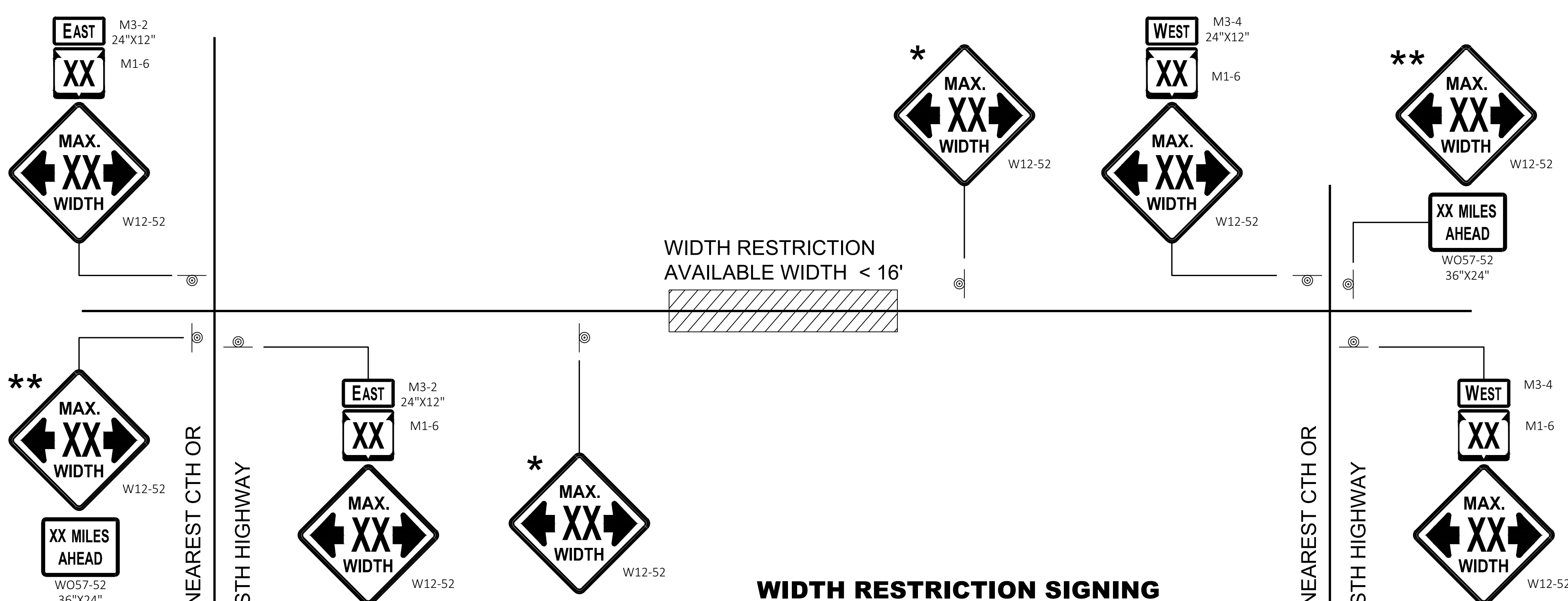
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020 /S/ Steven Hefel
DATE HMA PAVEMENT ENGIN
FHWA



WIDTH RESTRICTION SIGNING



WIDTH RESTRICTION SIGNING
2 LANE HIGHWAY

LEGEND

SIGN ON PERMANENT SUPPORT

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS 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 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.

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

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

WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.

* PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT TYPICAL SPACING.

** SIGN SHALL BE VISIBLE FROM ROADWAY.

*** ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.

WIDTH ON SIGN TO BE APPROX. 1 - FOOT LESS THAN AVAILABLE WIDTH

6

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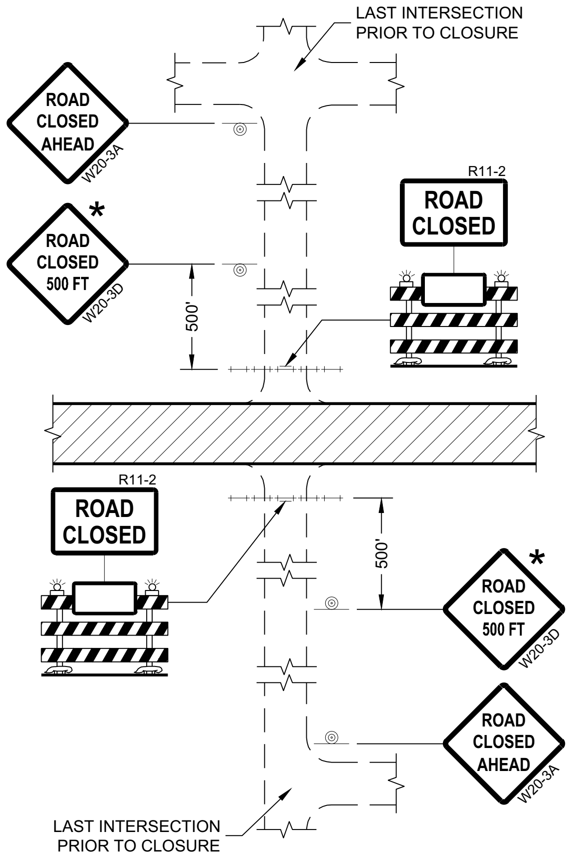
ADVANCED WIDTH RESTRICTION SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

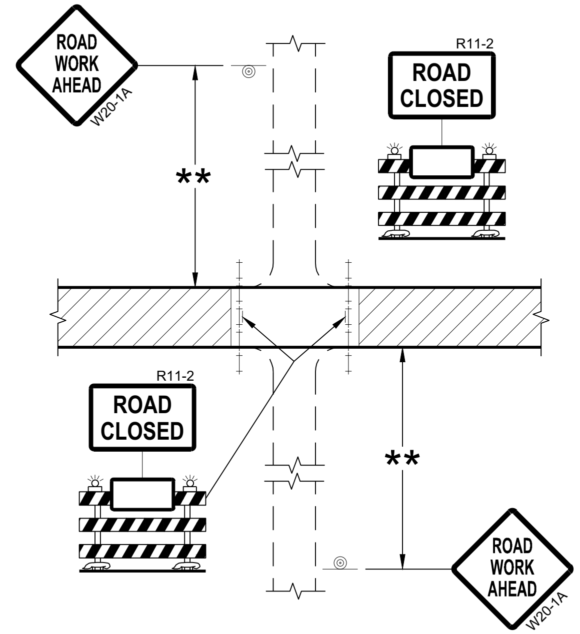
APPROVED
February 2020 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA

SDD 15C02 - 08f

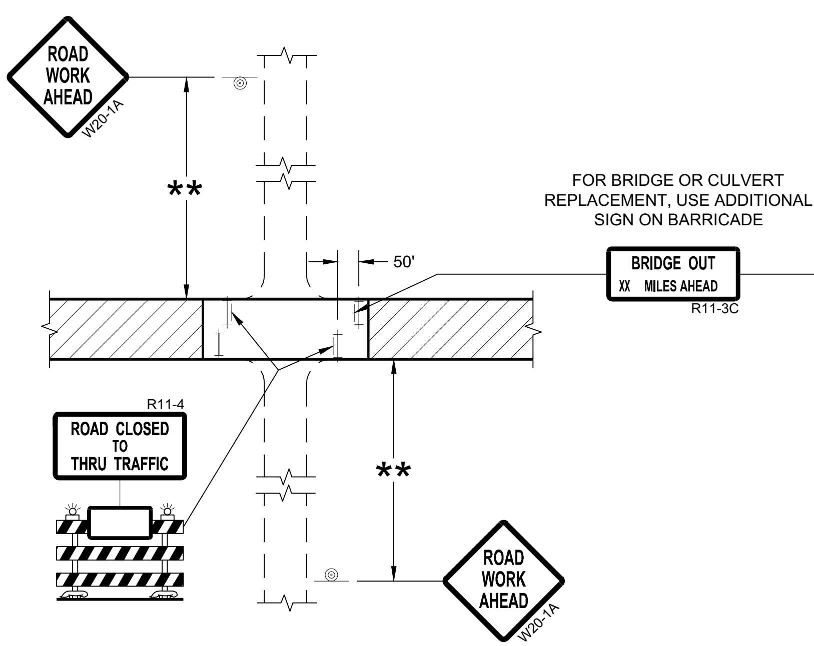
SDD 15C02 - 08f



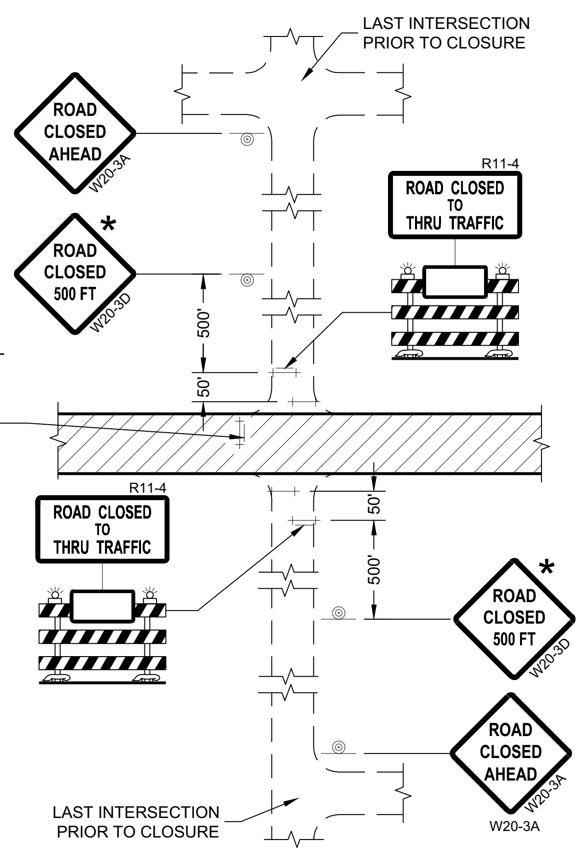
DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

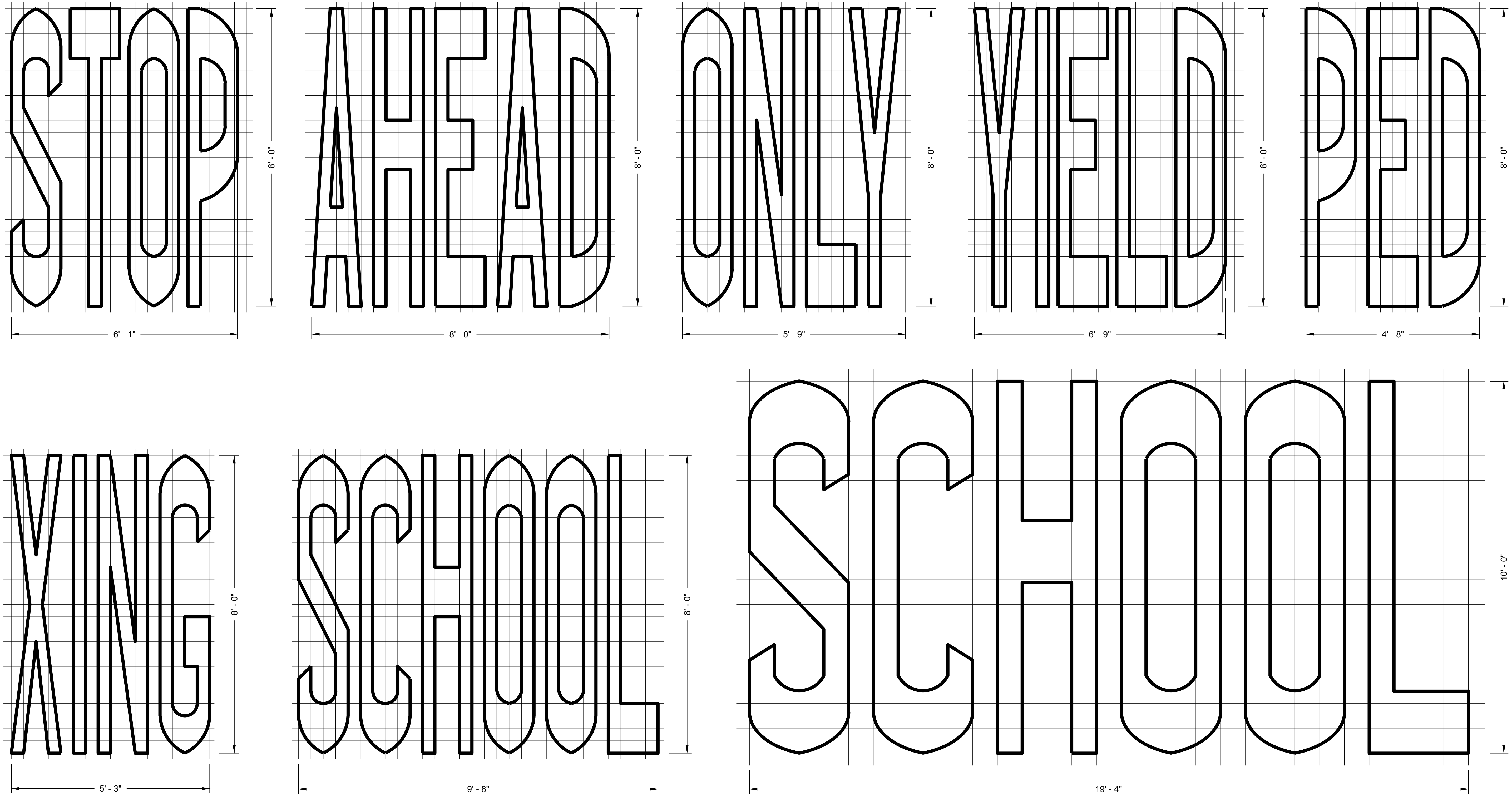
LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA



SINGLE LANE

TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

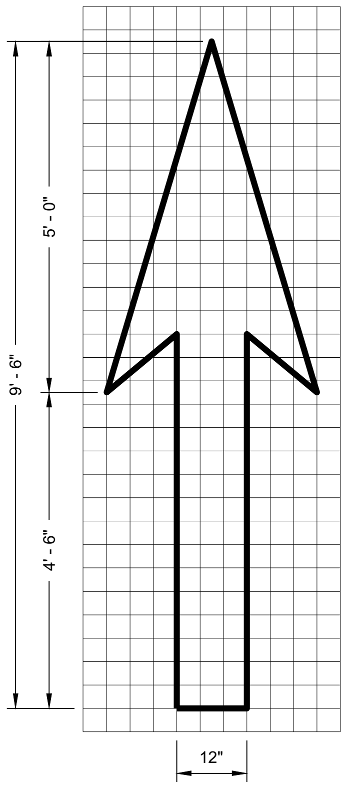
PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

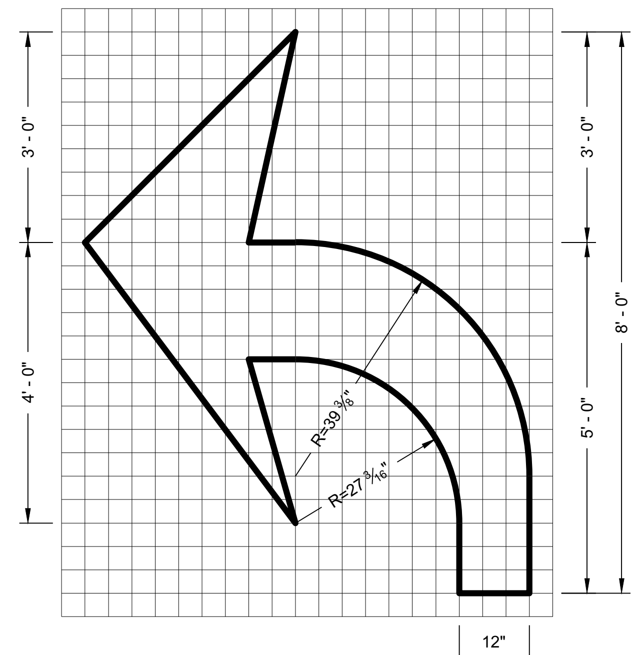
APPROVED
November 2019 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING ENGINEER

FHWA

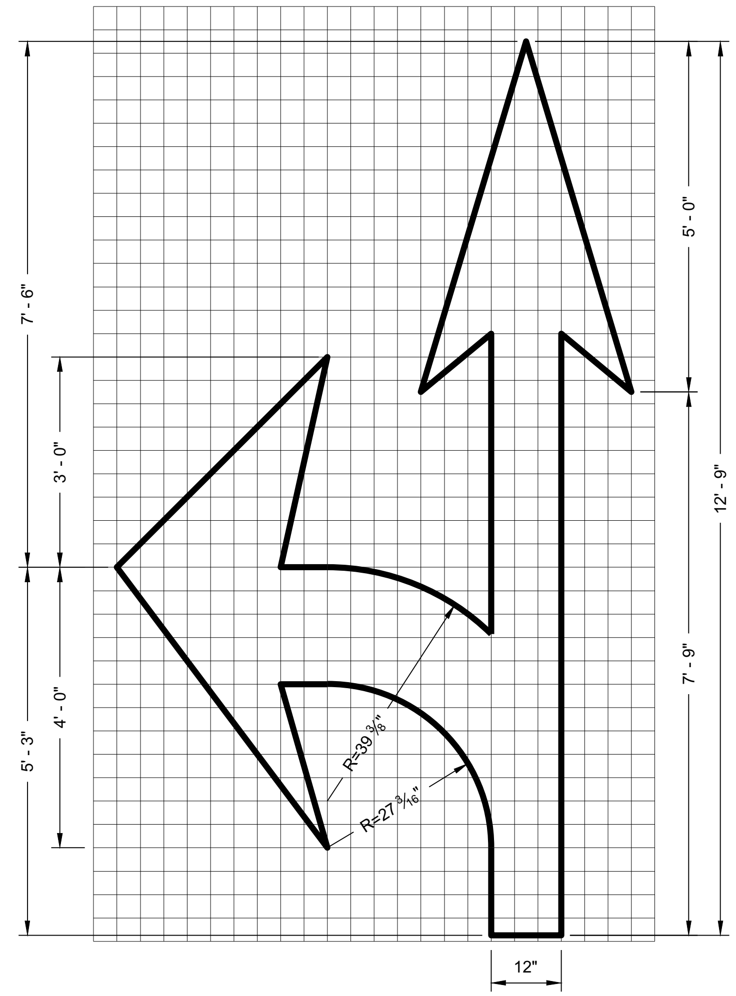
SDD 15C07 - 15b
6



TYPE 1



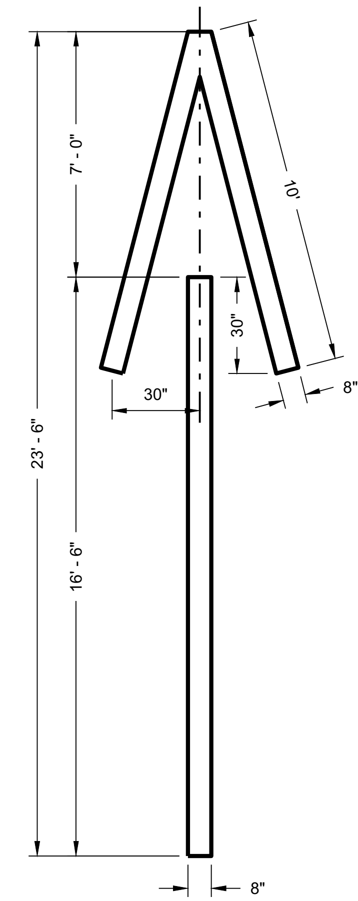
TYPE 2



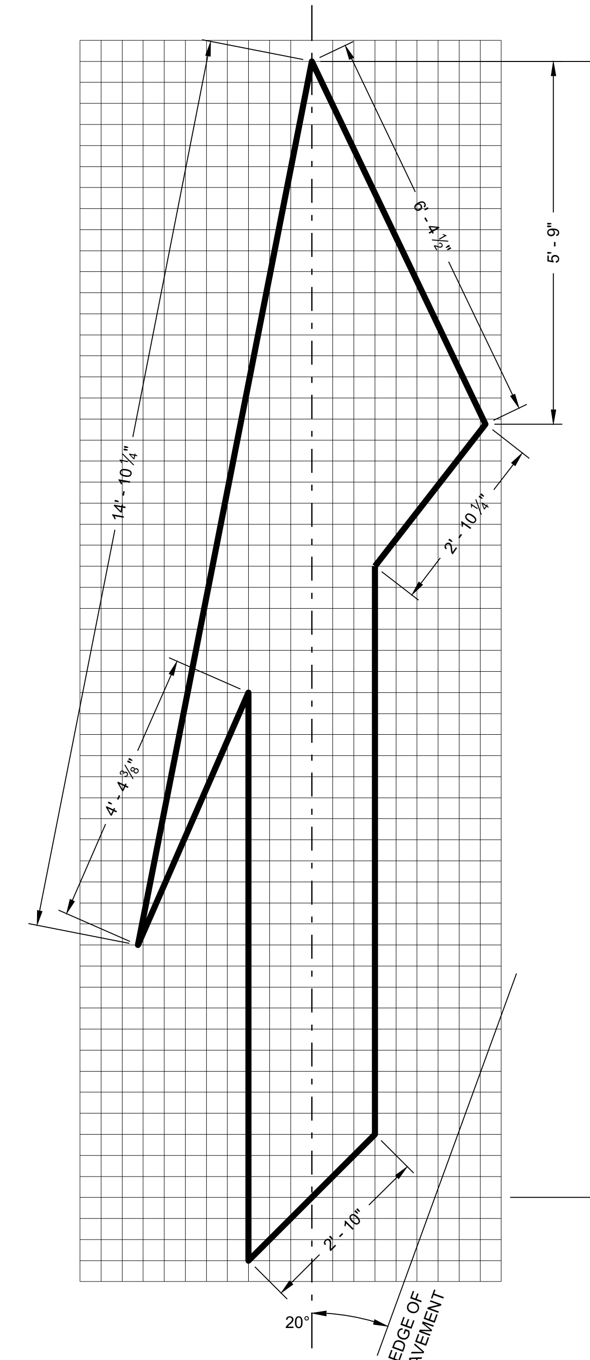
TYPE 3

GENERAL NOTES

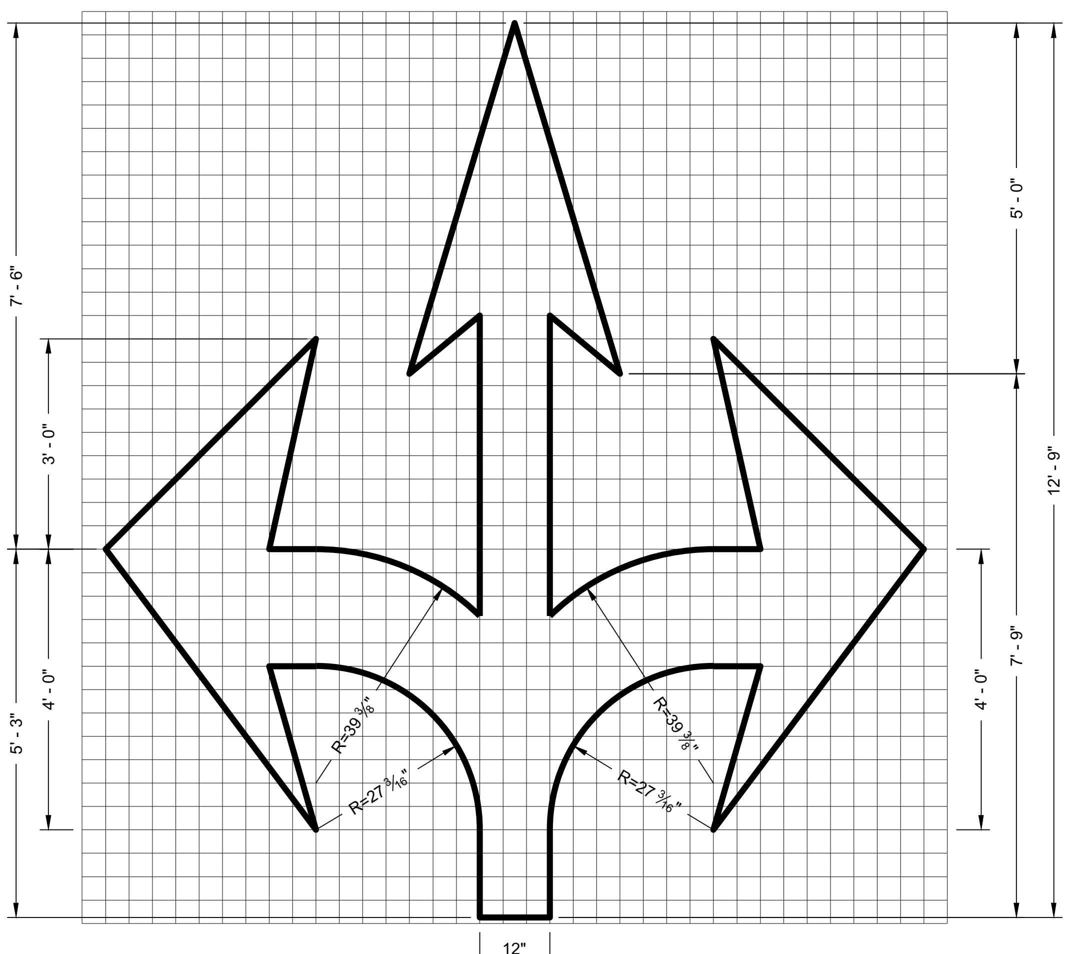
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



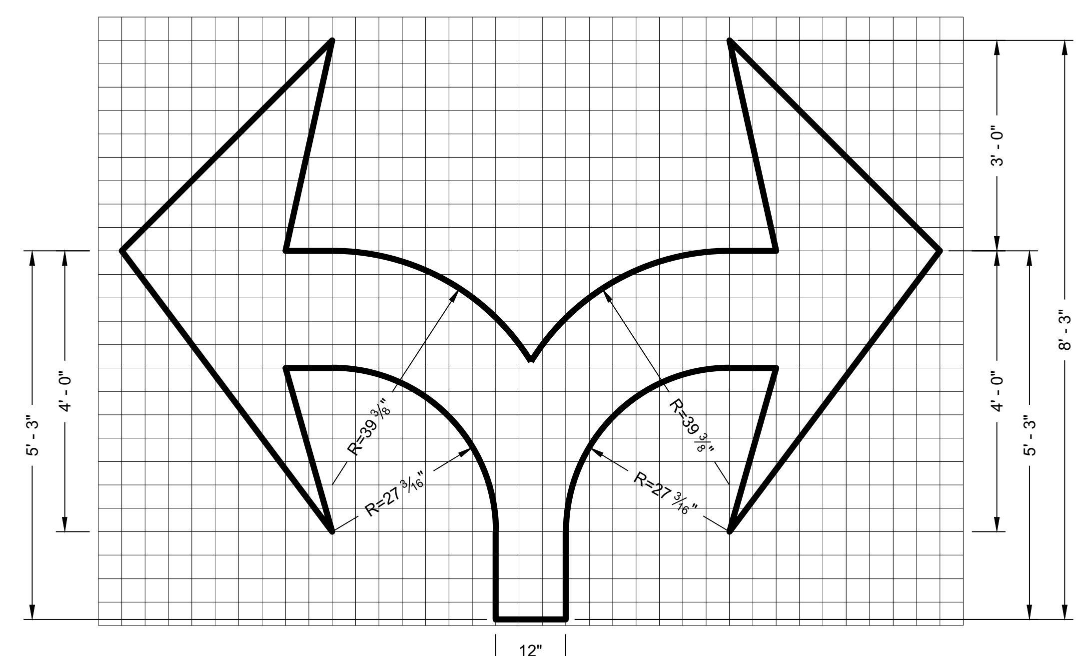
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

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PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

November 2019 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

SDD 15C07 - 15c

SDD 15C07 - 15c

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

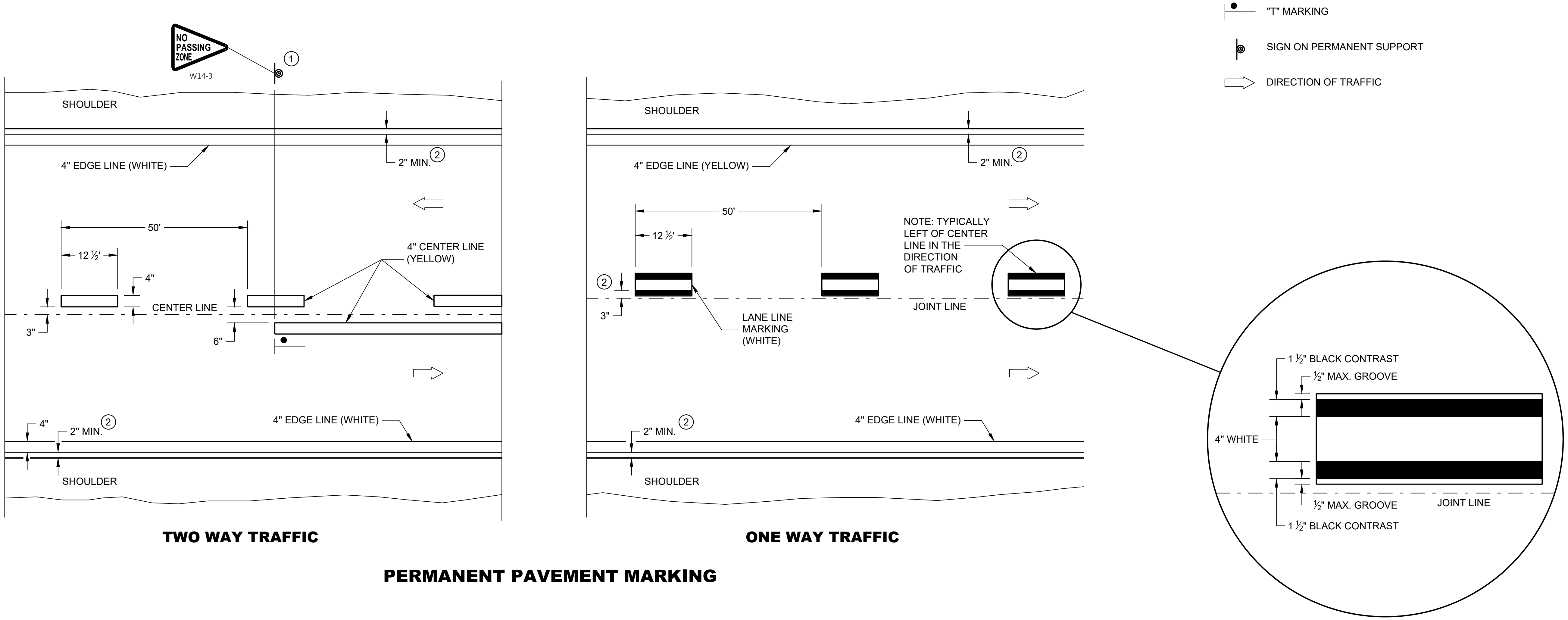
1. LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING
2. MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2022 — DATE

/S/ Jeannie Silver — STATEWIDE SIGNING AND M ENGINEER

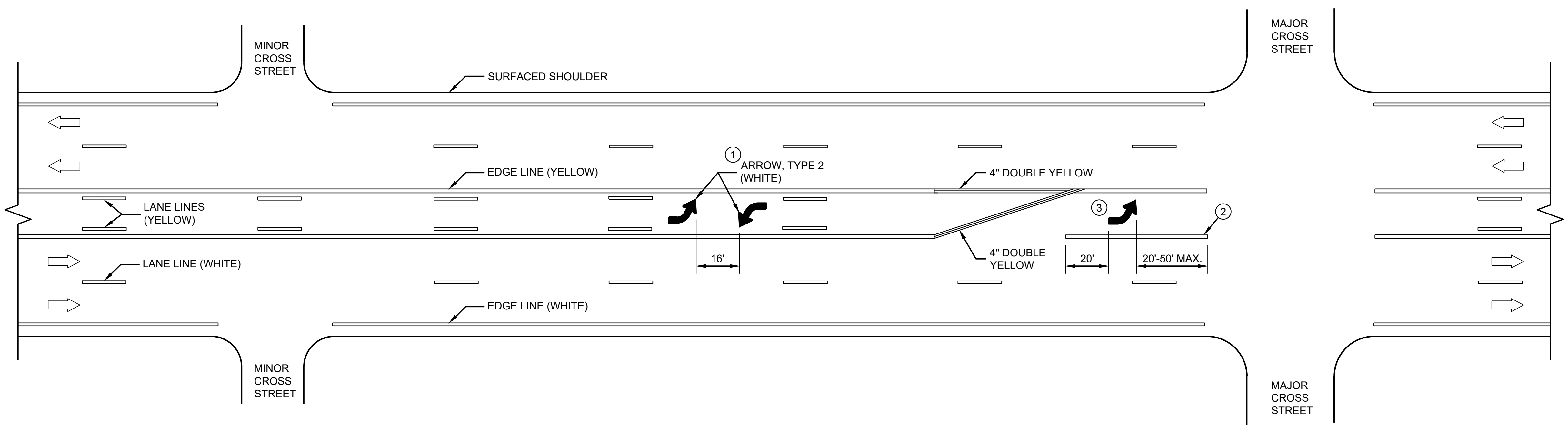
FHWA

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 8" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

DIRECTION OF TRAFFIC

6



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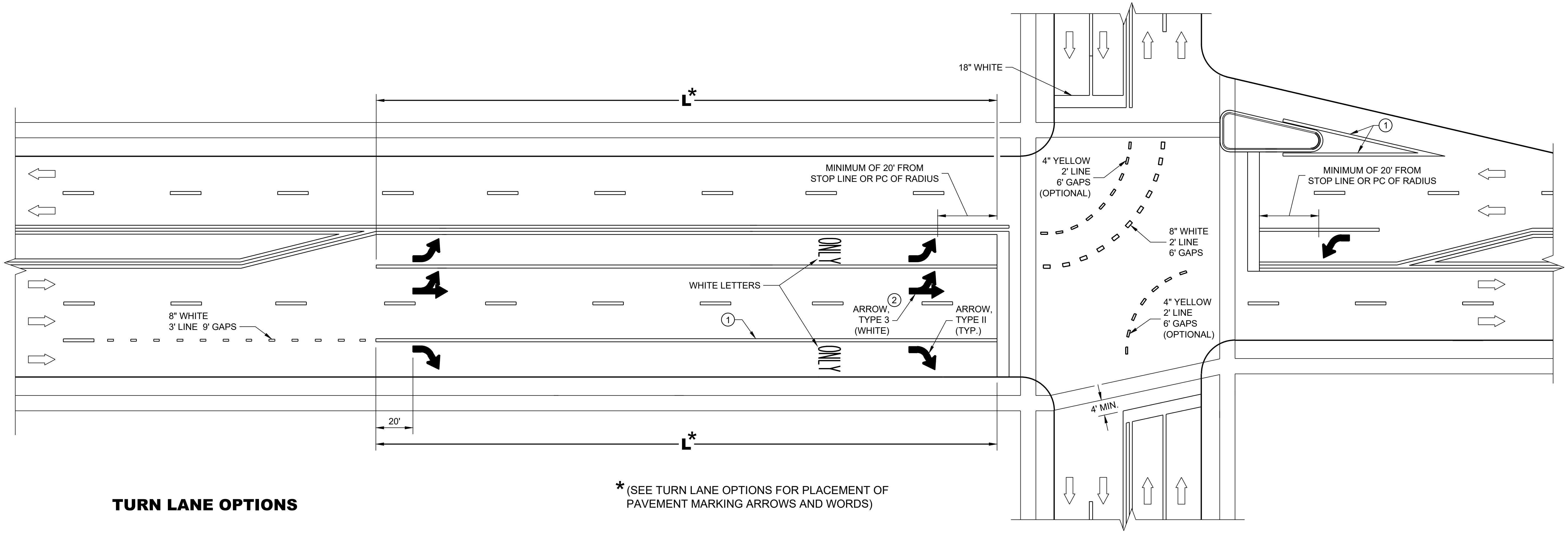
TWO WAY LEFT TURN LANE

SDD 15C08 - 21c

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATI 199

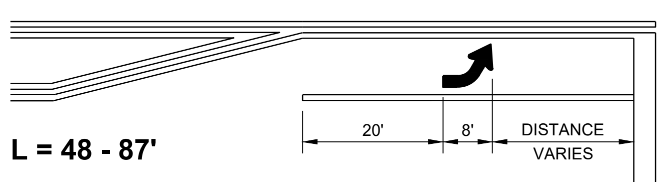
SDD 15C08 - 21c

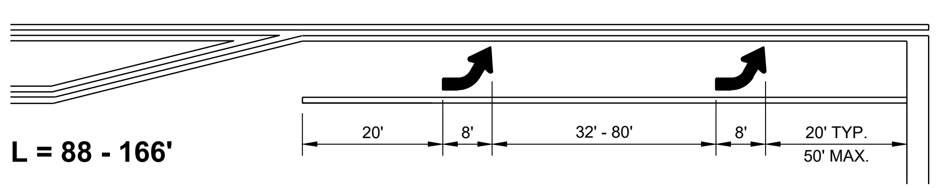


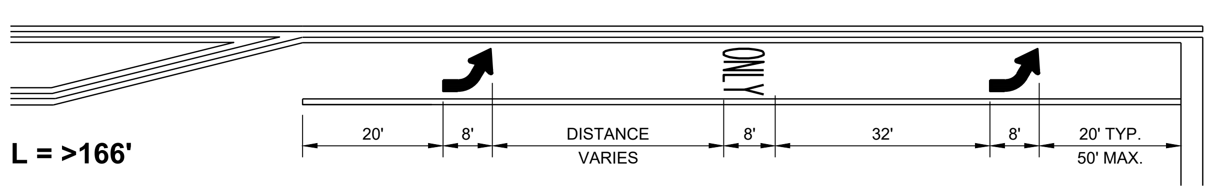
* (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS







GENERAL NOTES

1. 8" WHITE
2. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

⇨ DIRECTION OF TRAFFIC

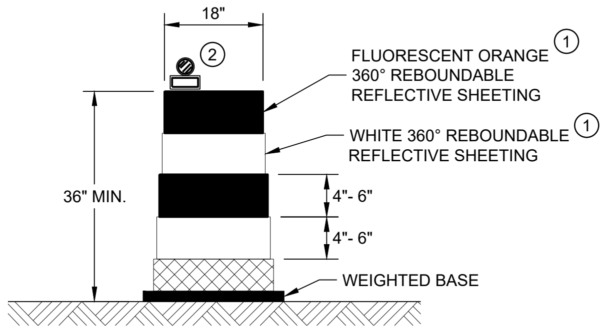
L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)

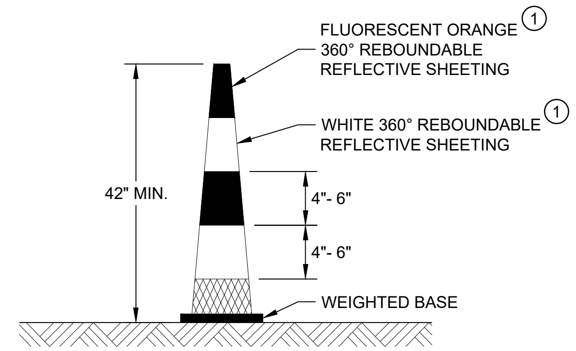
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATI

GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.

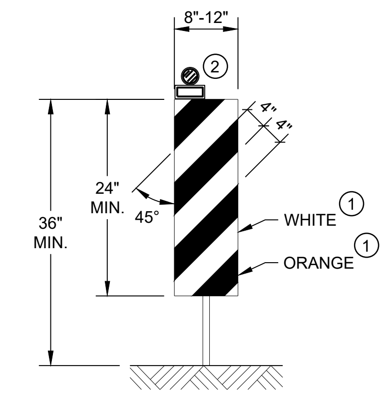


DRUM



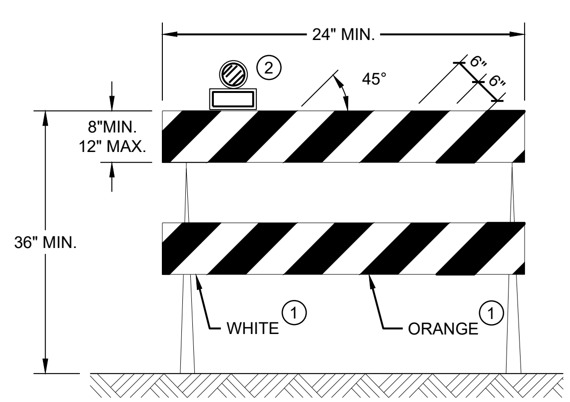
42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS



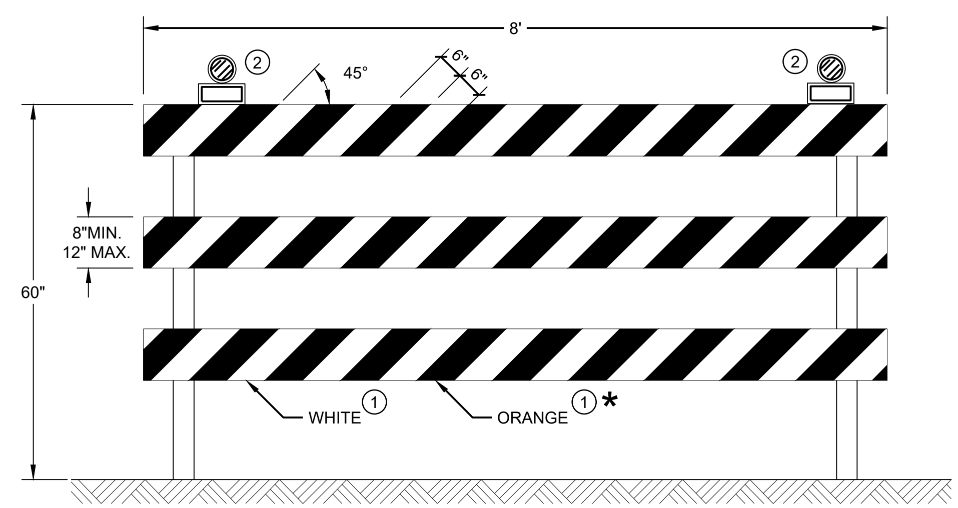
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

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6

SDD 15C11 - 09b

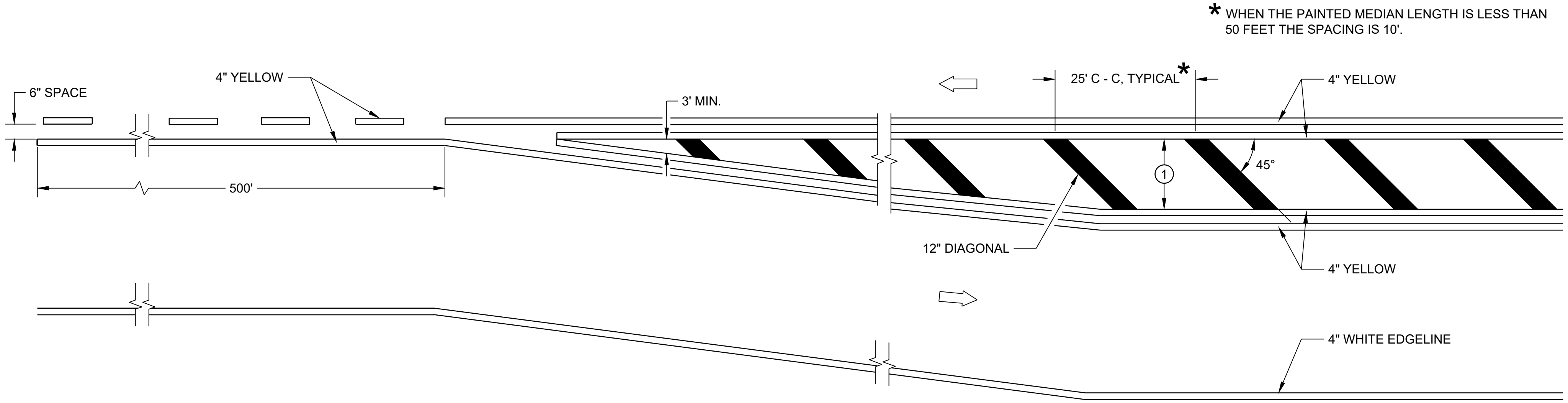
CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

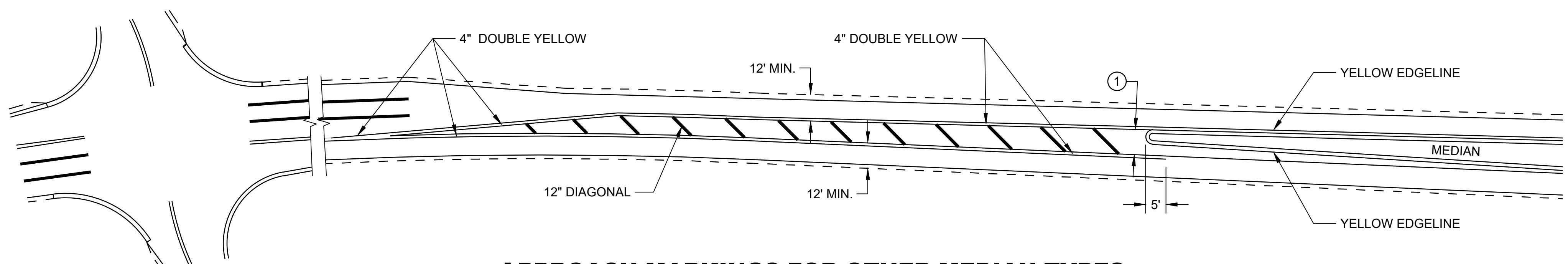
APPROVED
May 2021 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

SDD 15C11 - 09b

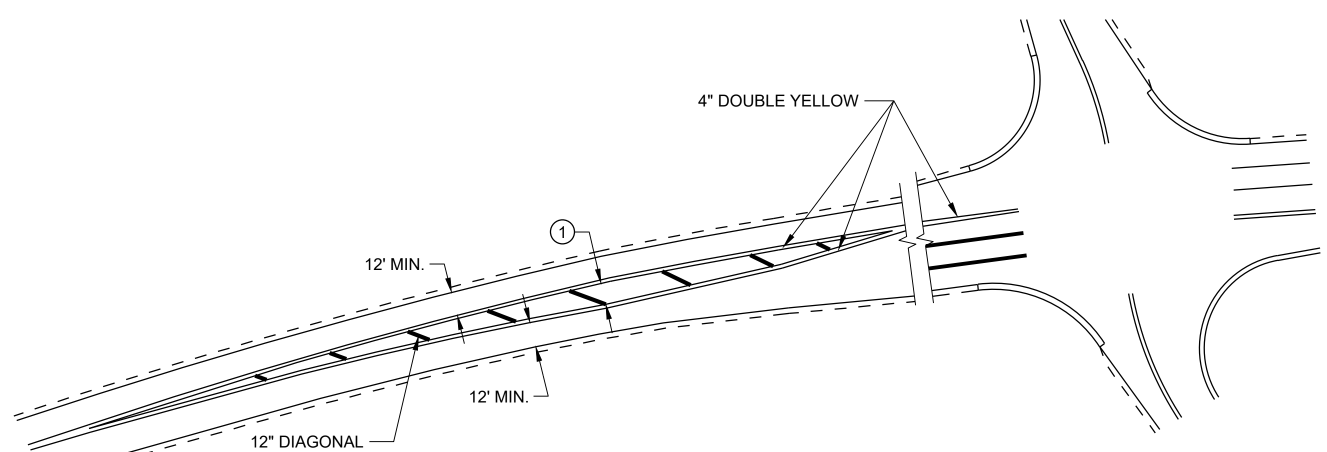
6



MEDIAN ISLAND DETAIL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

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

MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2022	/S/ Jeannie Silver
DATE	STATE SIGNING AND MARKING ENGINEER

FHWA

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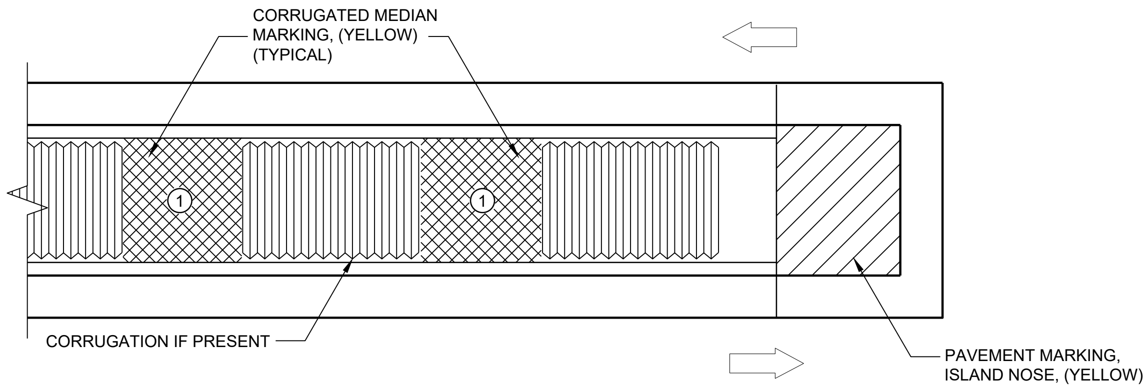
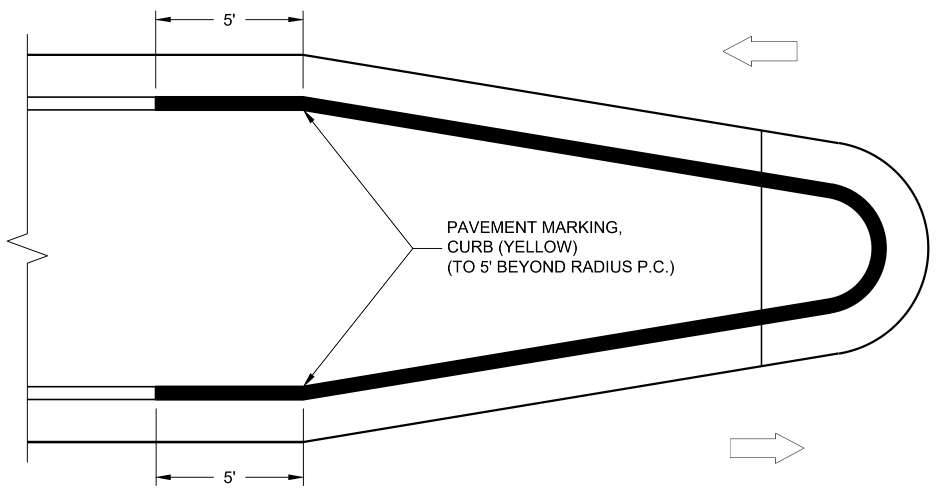
SDD 15C18 - 06a

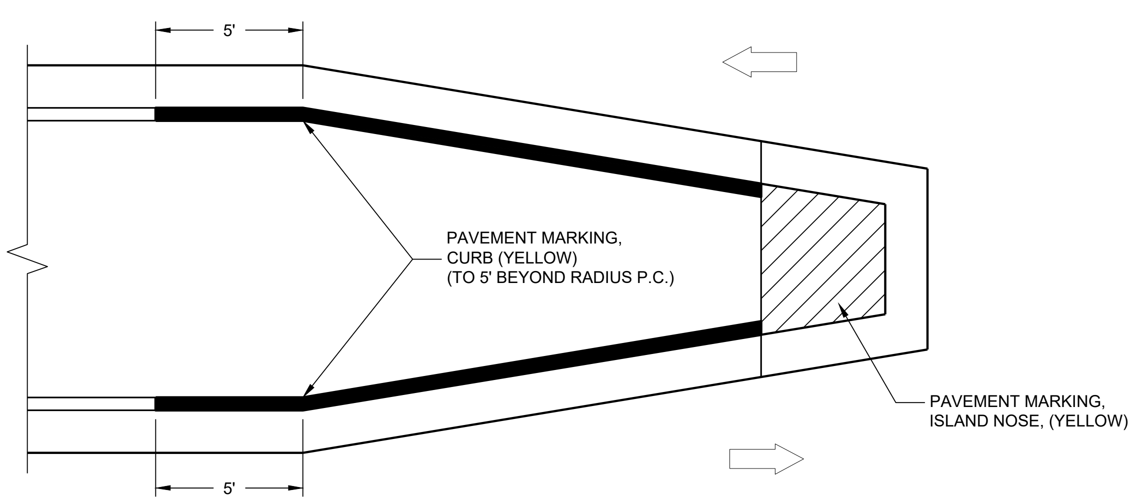
SDD 15C18 - 06a



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



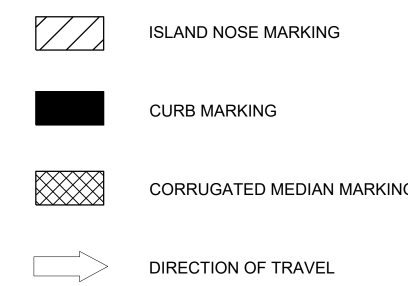
MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.



PAVEMENT MARKINGS, MEDIAN ISLAND NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER
FHWA

6
SDD 15C18 - 06b

REQUIREMENTS FOR EDGE LINES		
POSTED SPEED	IS THERE CONTINUOUS LIGHTING?	
	YES	NO
≤ 30 MPH	NO	OPTIONAL
35 OR 40 MPH	OPTIONAL	RECOMMENDED
≥ 45 MPH	RECOMMENDED	REQUIRED

GENERAL NOTES

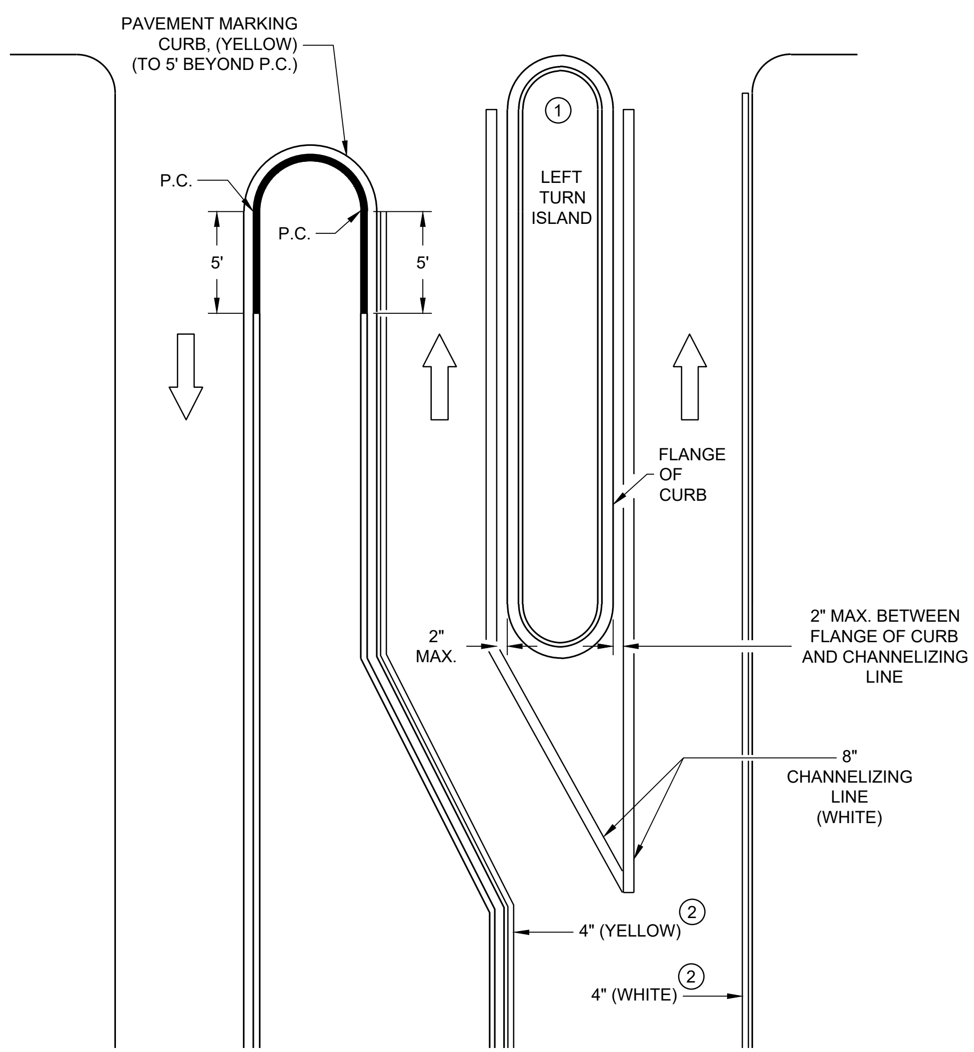
APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.

SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.

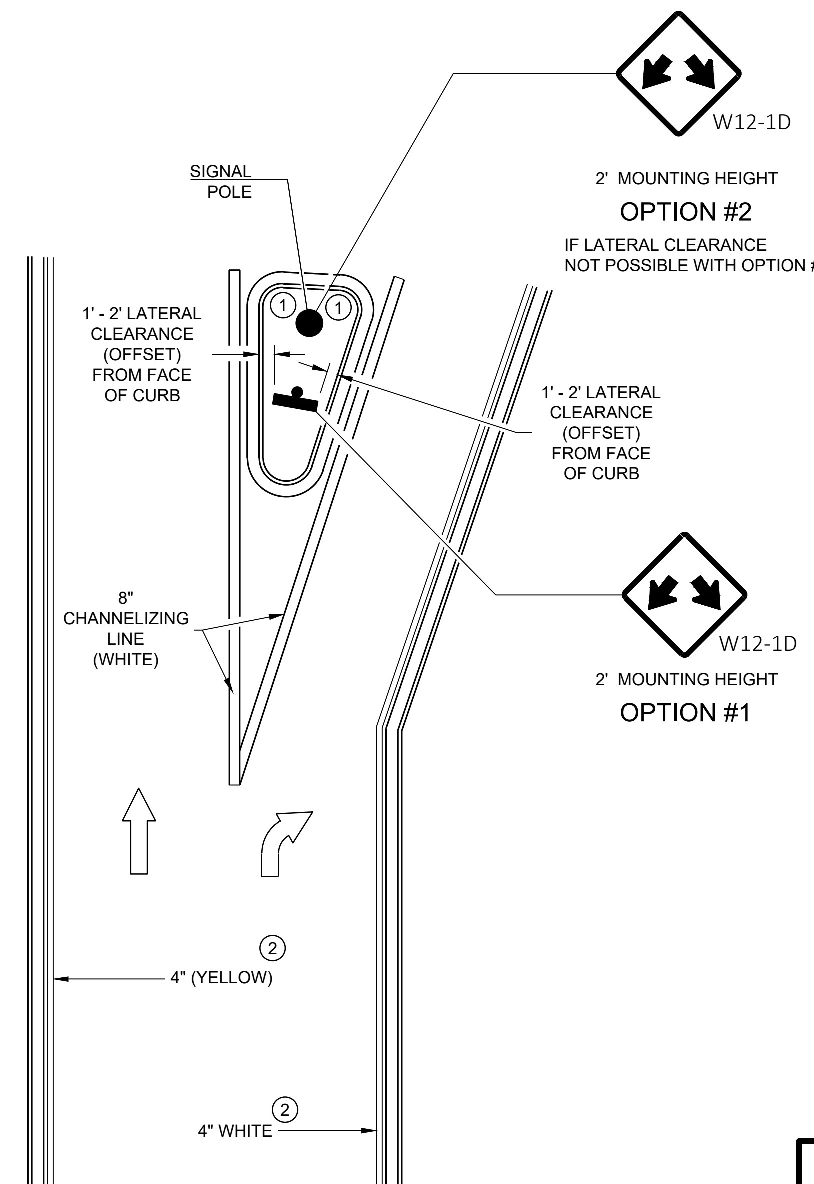
1 MARK CURB NOSES YELLOW.

2 MARK ACCORDING TO TABLE.

DIRECTION OF TRAVEL



LEFT TURN & MEDIAN ISLAND



RIGHT TURN ISLAND

MEDIAN PAVEMENT MARKINGS, DOUBLE ARROW WARNING SIGN PLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2022 — DATE

/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

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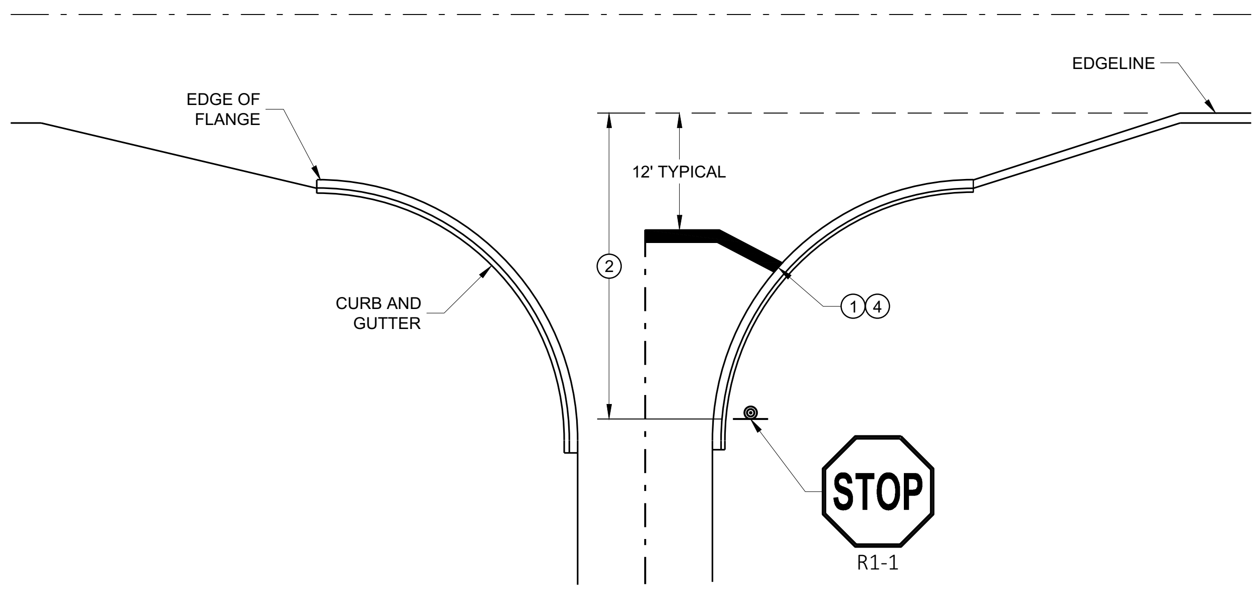
SDD 15C18 - 06c

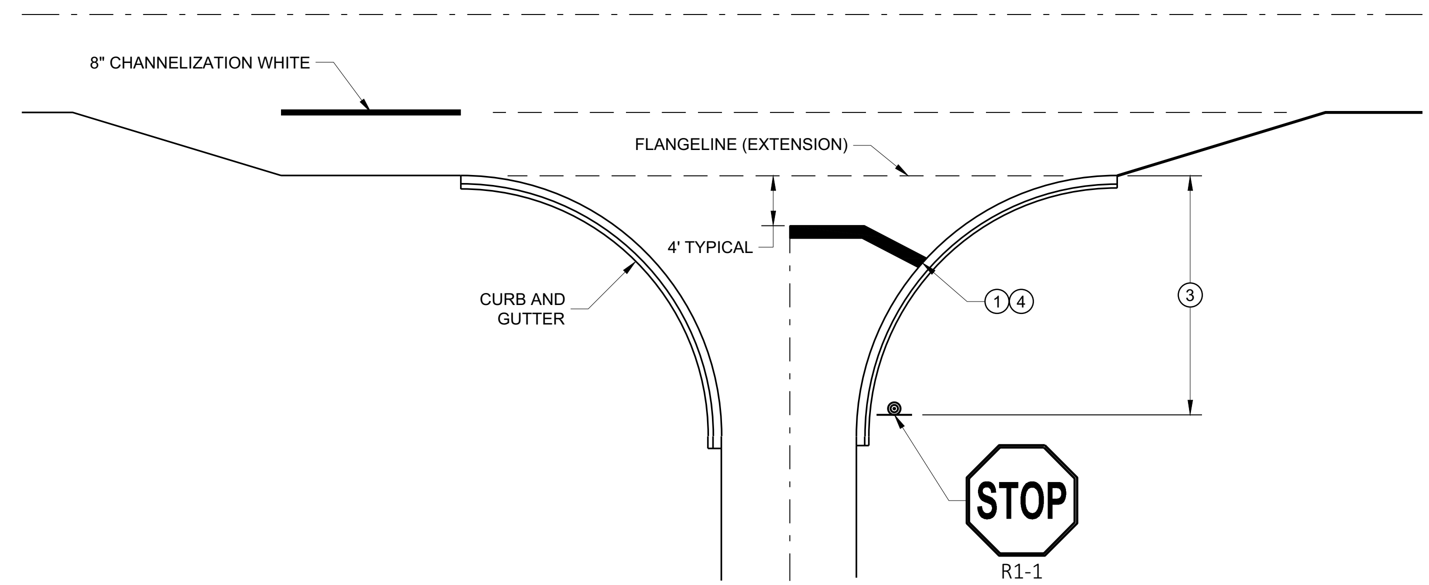
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

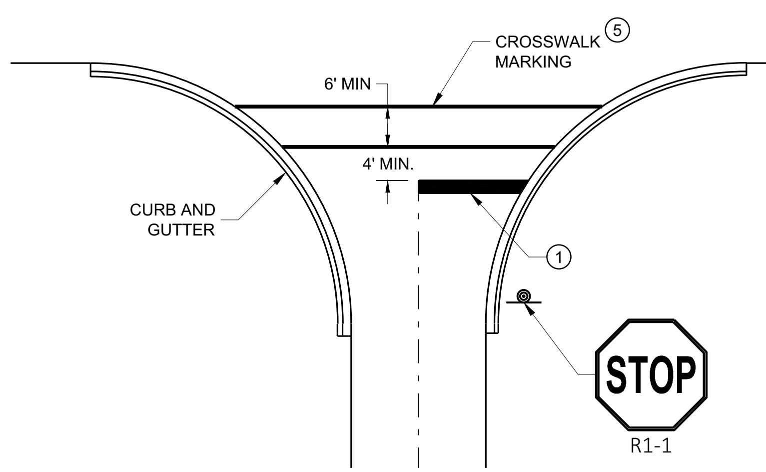
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.

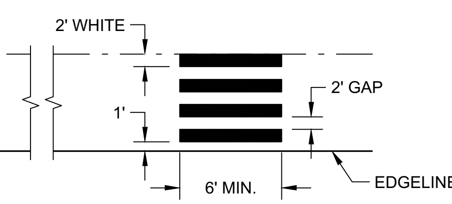


TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



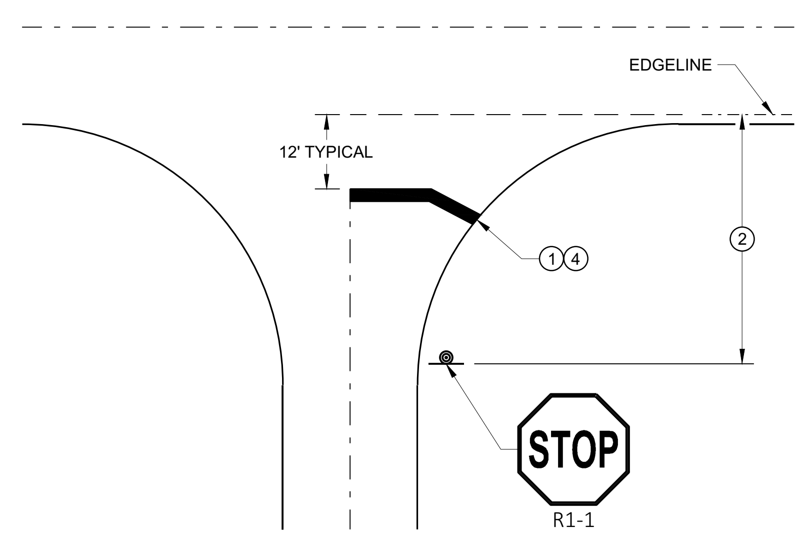
TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE





TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER
FHWA

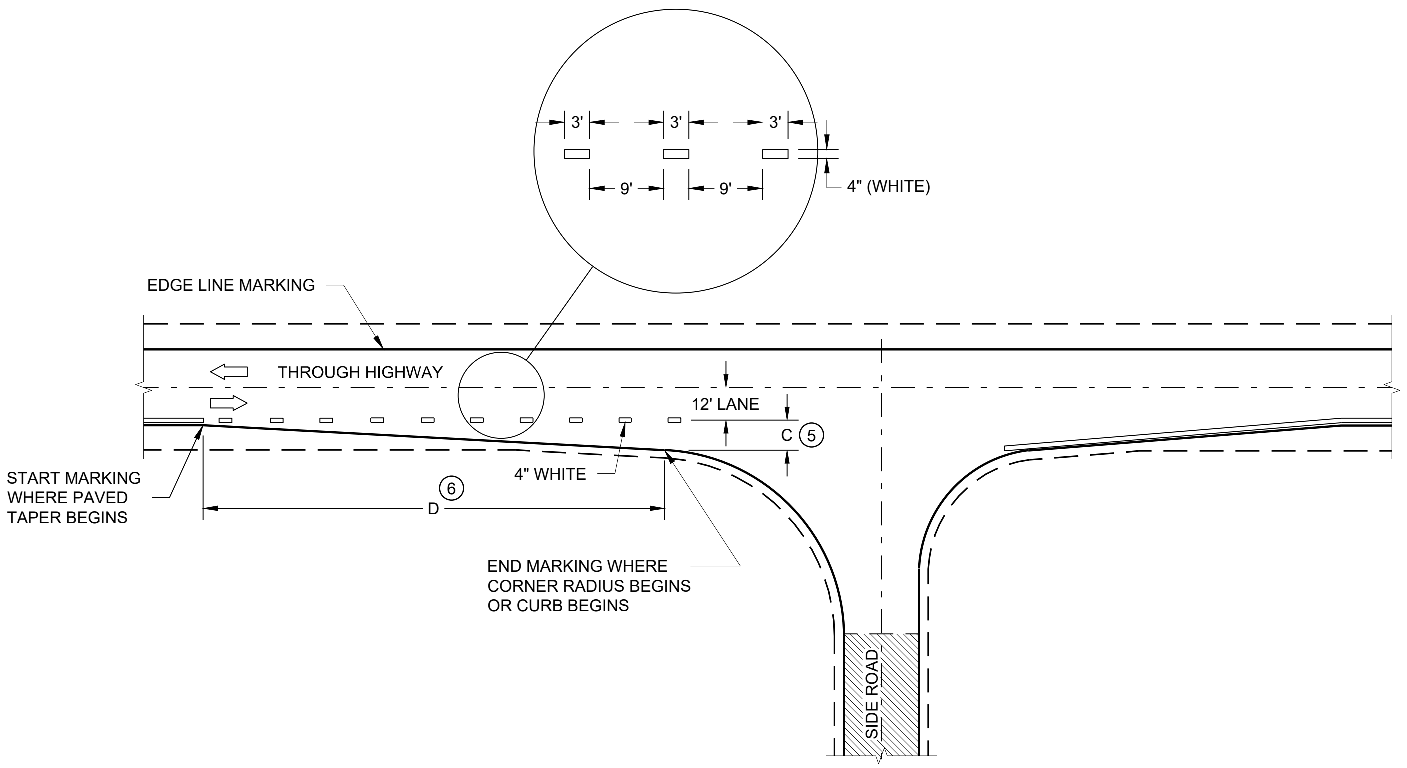
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

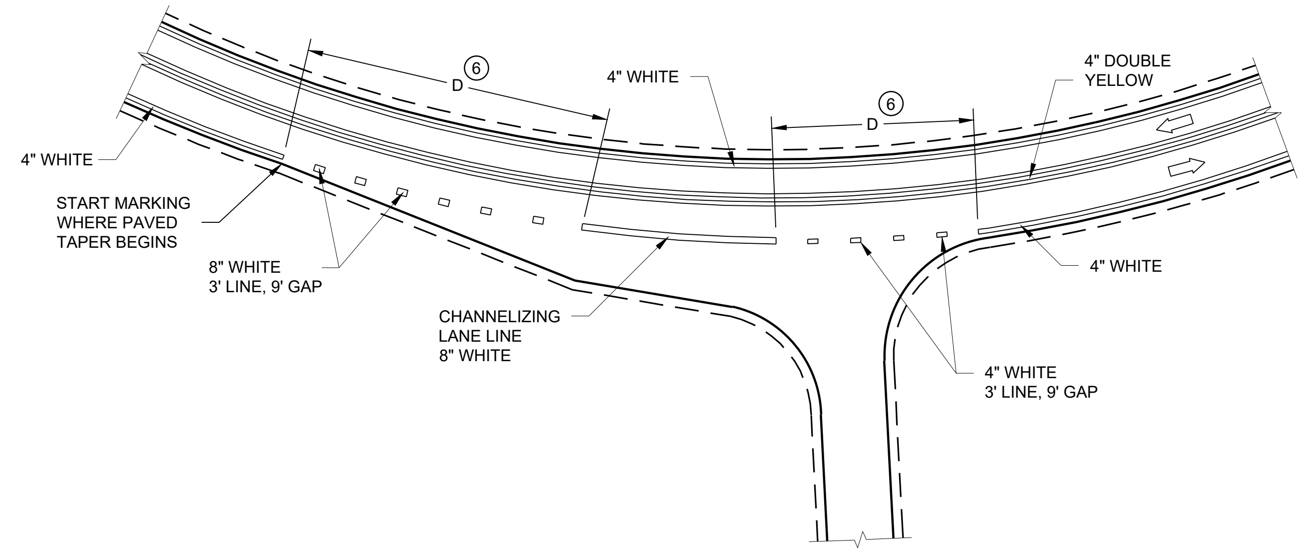
1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

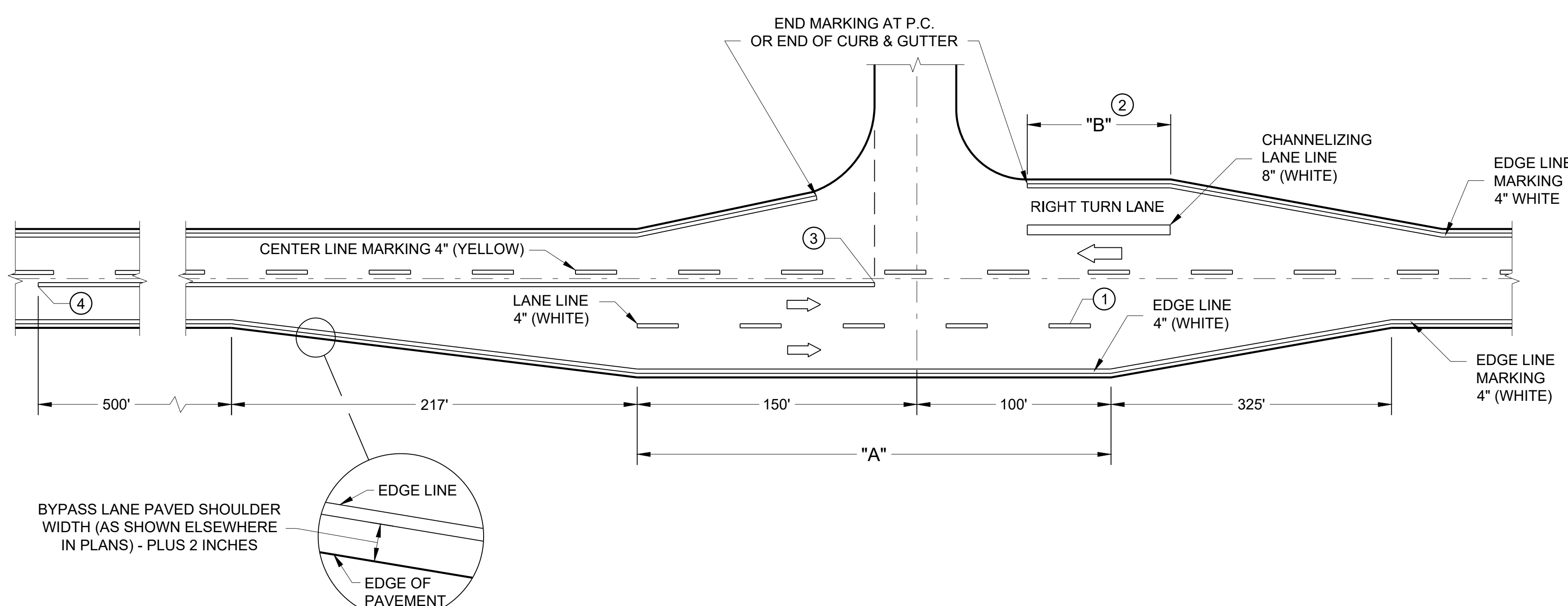
⇨ DIRECTION OF TRAVEL



MINOR INTERSECTION



INTERSECTION ON OUTSIDE OF CURVE



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45MPH, USE SDD 15D12.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

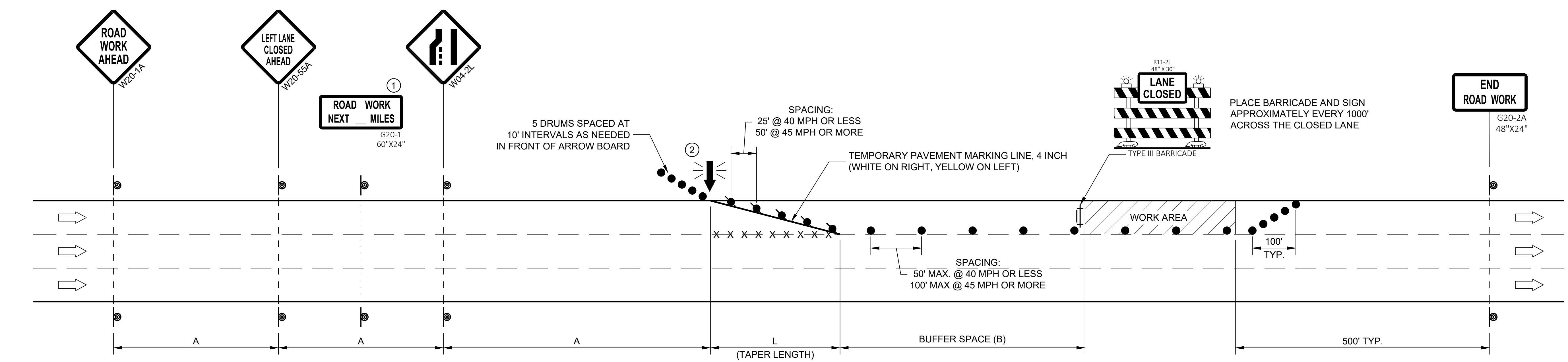
CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

1. OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.
2. WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO PLACE THE ARROW BOARD AS SHOWN, PLACE THE ARROW BOARD AT THE END OF THE TAPER.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

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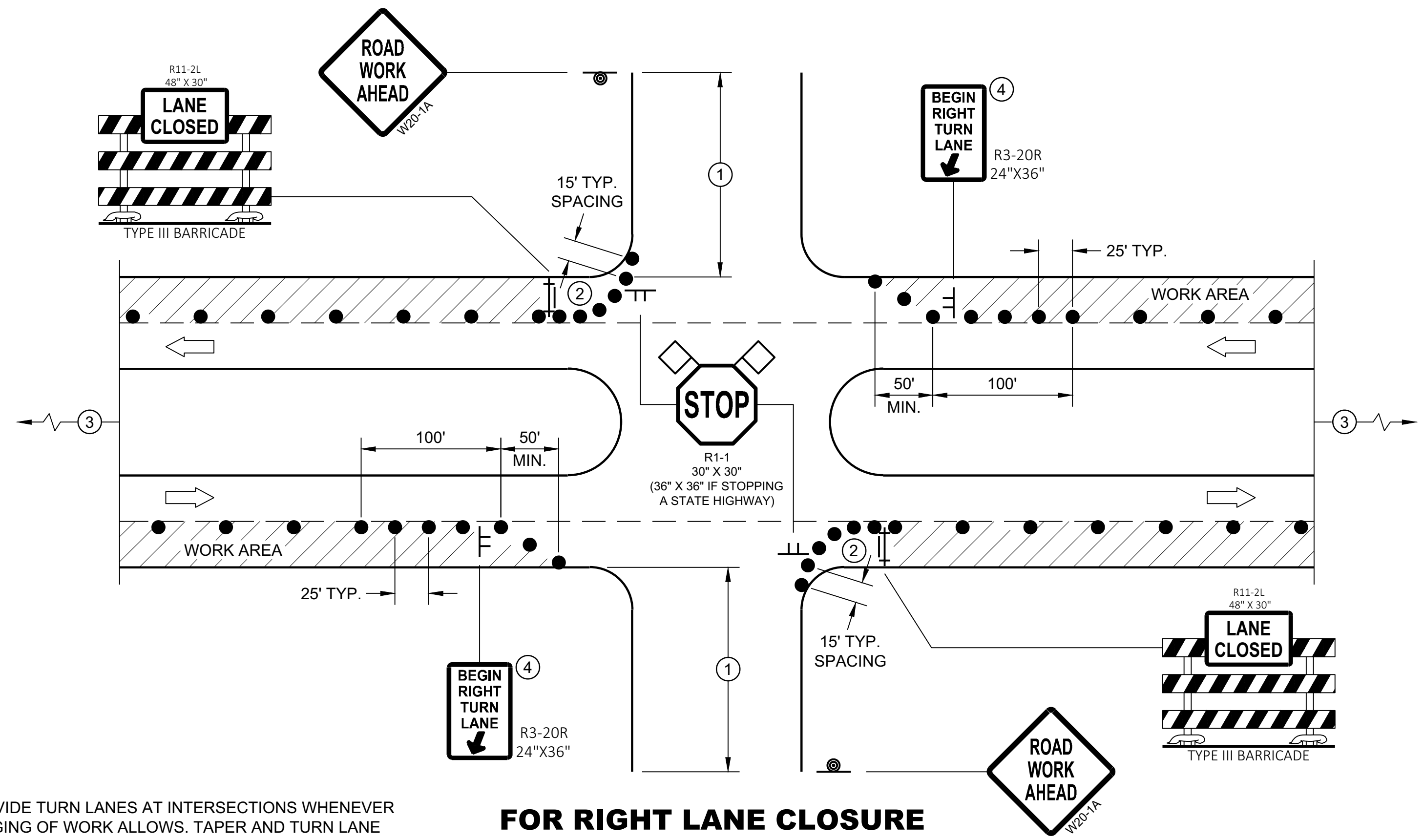
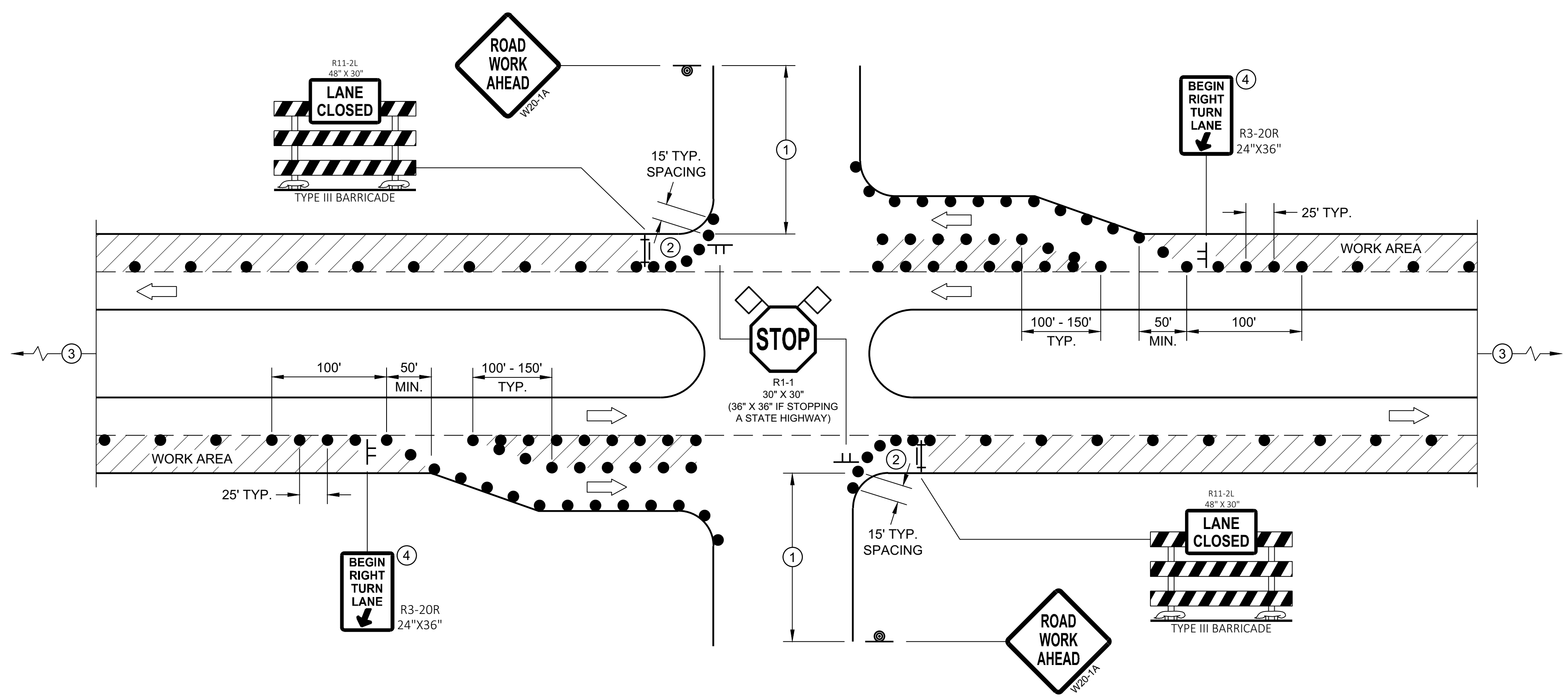
SDD 15D20 - 06a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT LANE CLOSURE AT INTERSECTION



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

1. 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
   350' IF 35 - 40 MPH.
   200' IF 25 - 30 MPH.
2. ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS
3. SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.
4. MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

LEGEND

SIGN ON TEMPORARY SUPPORT

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

TYPE III BARRICADE WITH ATTACHED SIGN

DIRECTION OF TRAFFIC

FLAGS, 16" X 16" MIN., ORANGE

WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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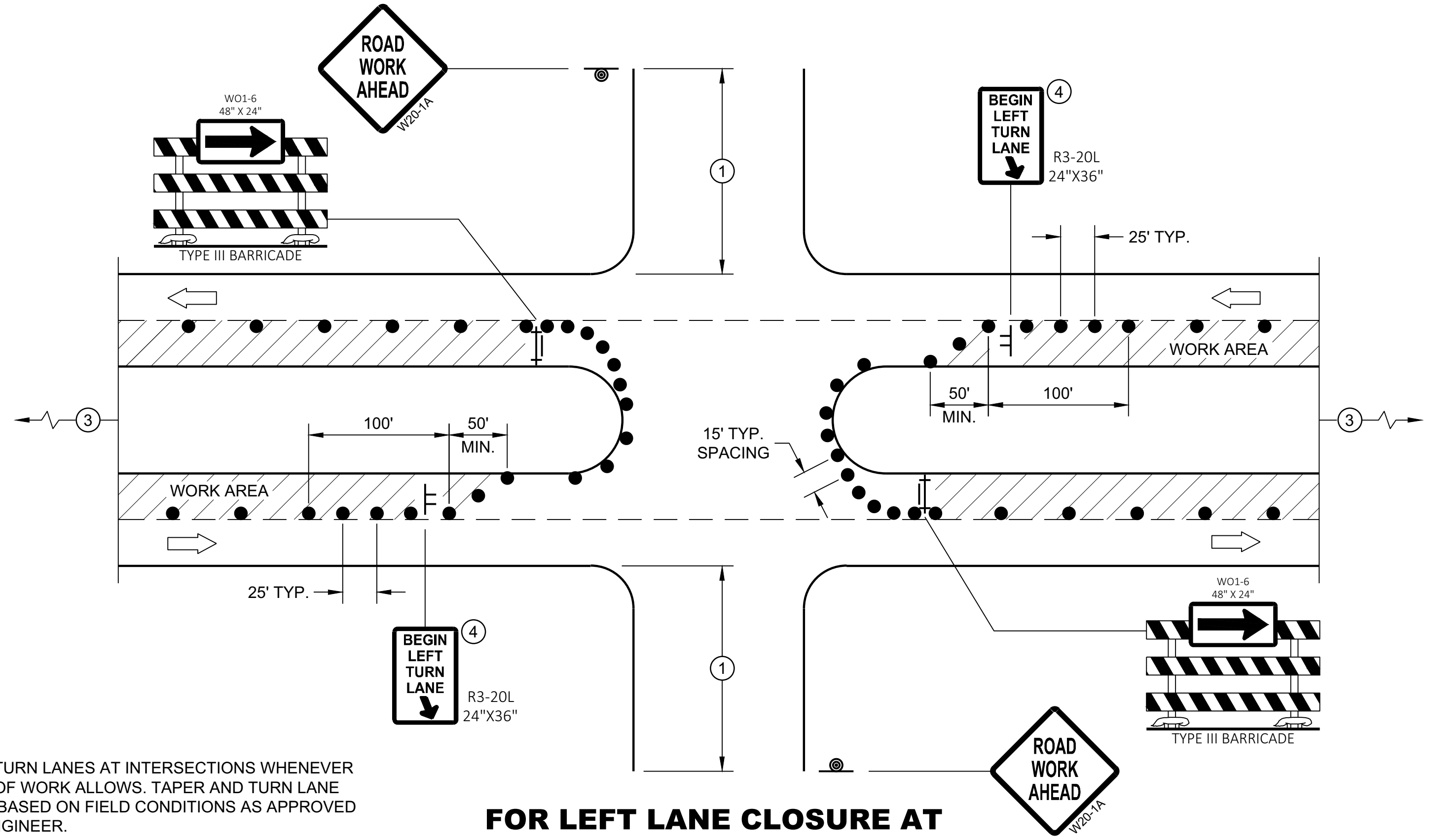
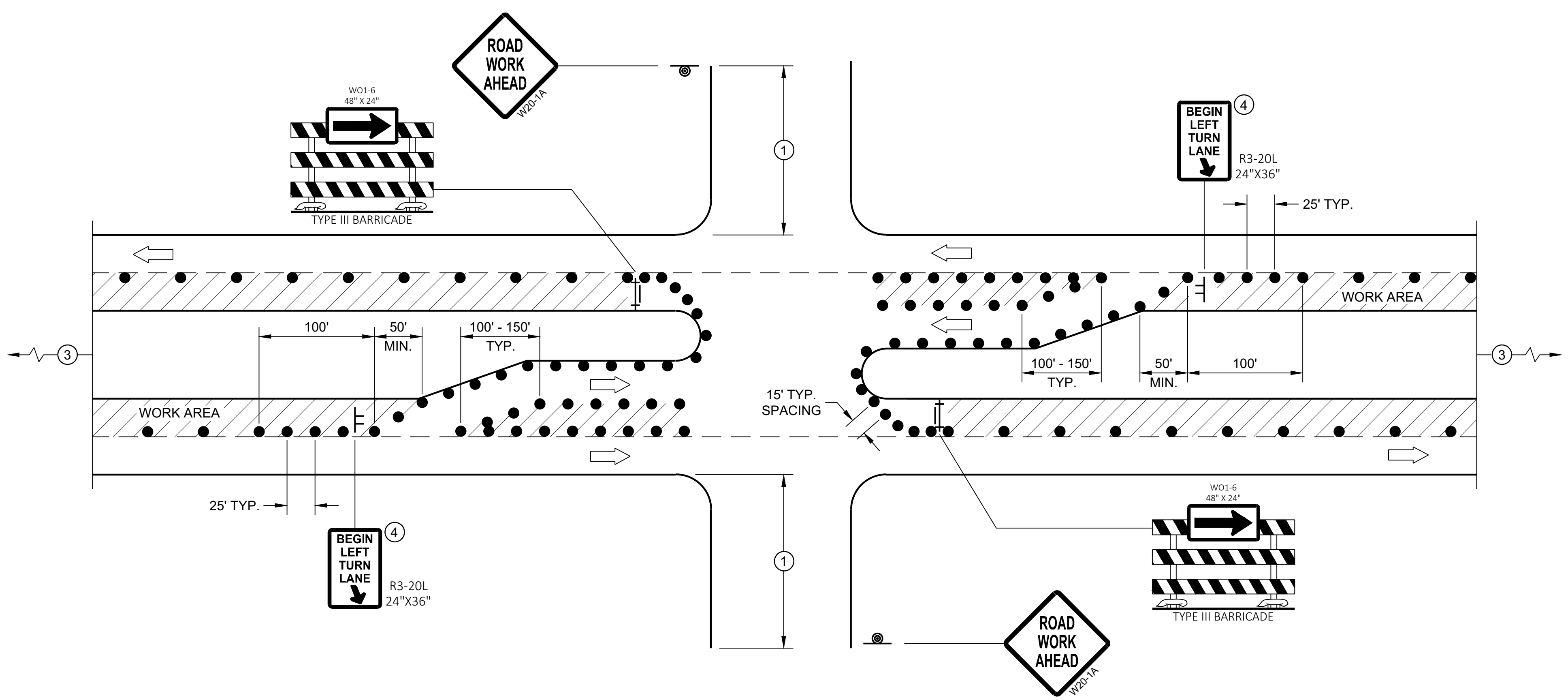
SDD 15D21 - 07a



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



FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT 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 LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

6

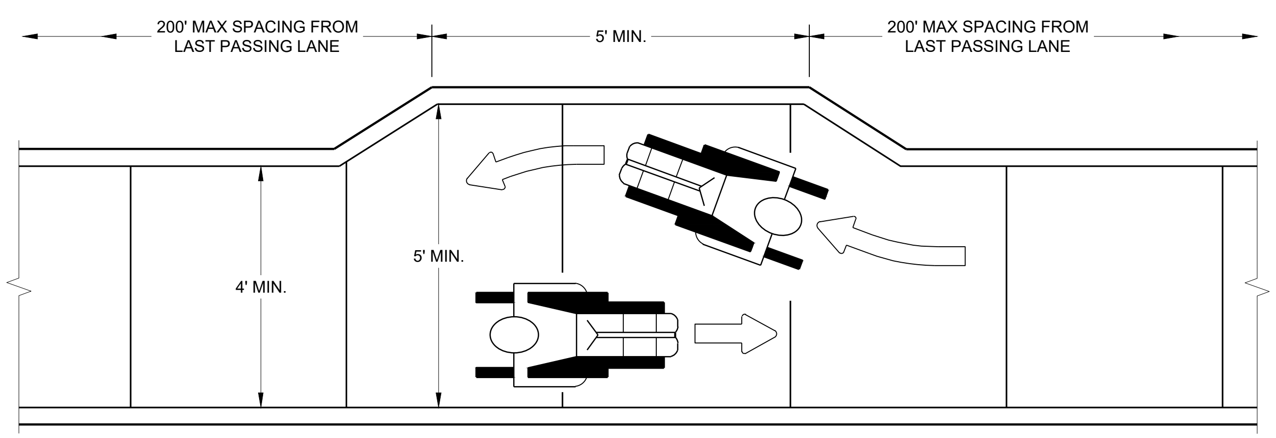
SDD 15D21 - 07b

GENERAL NOTES

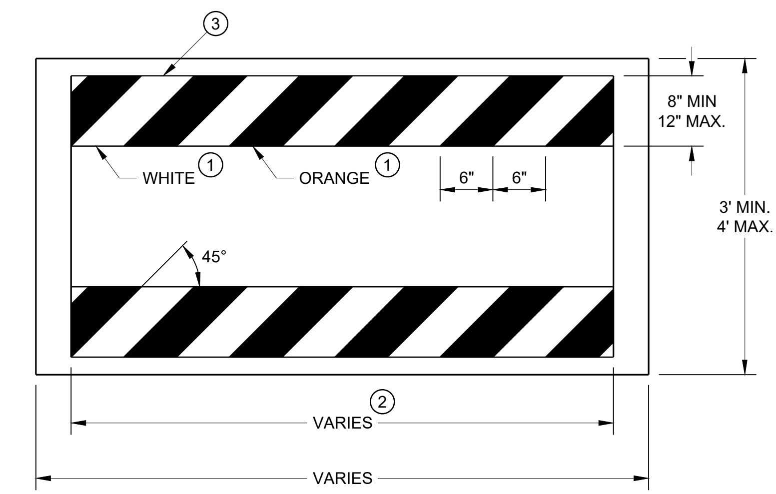
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

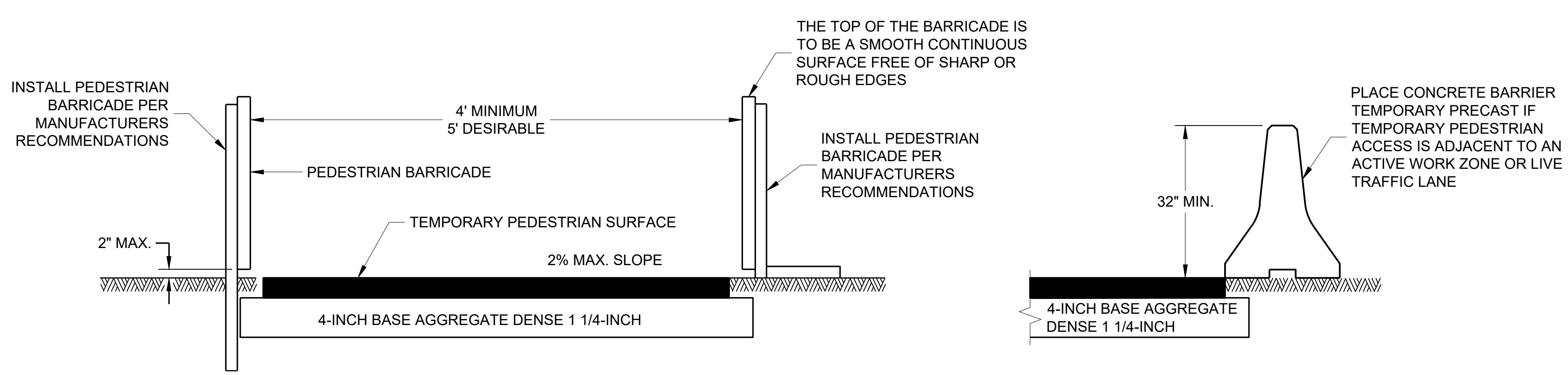
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN BARRICADE*



TEMPORARY PEDESTRIAN ACCESS

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SDD 15D30 - 07a

SDD 15D30 - 07a

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

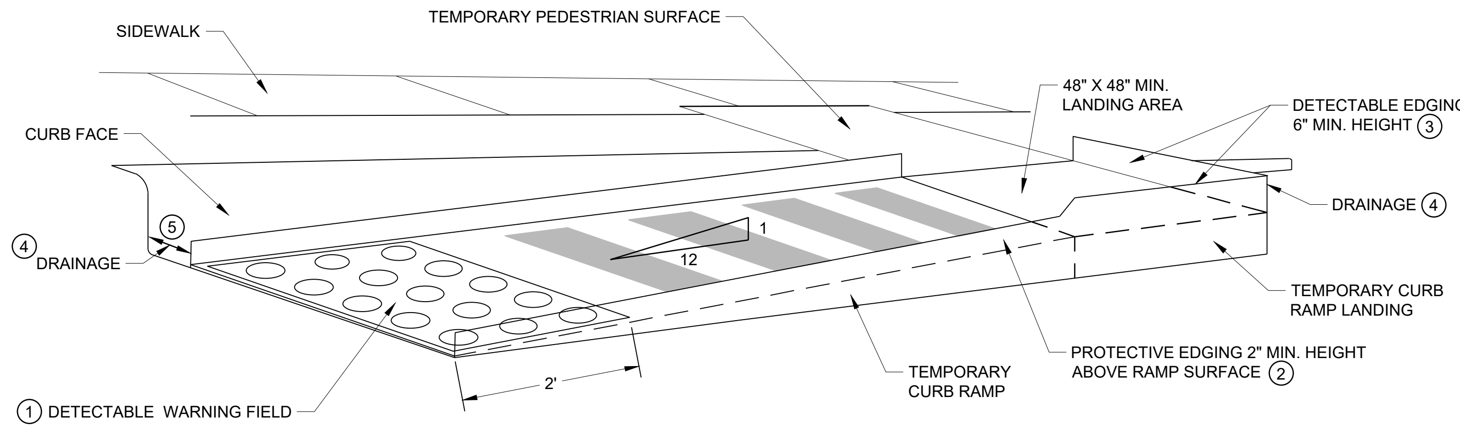
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

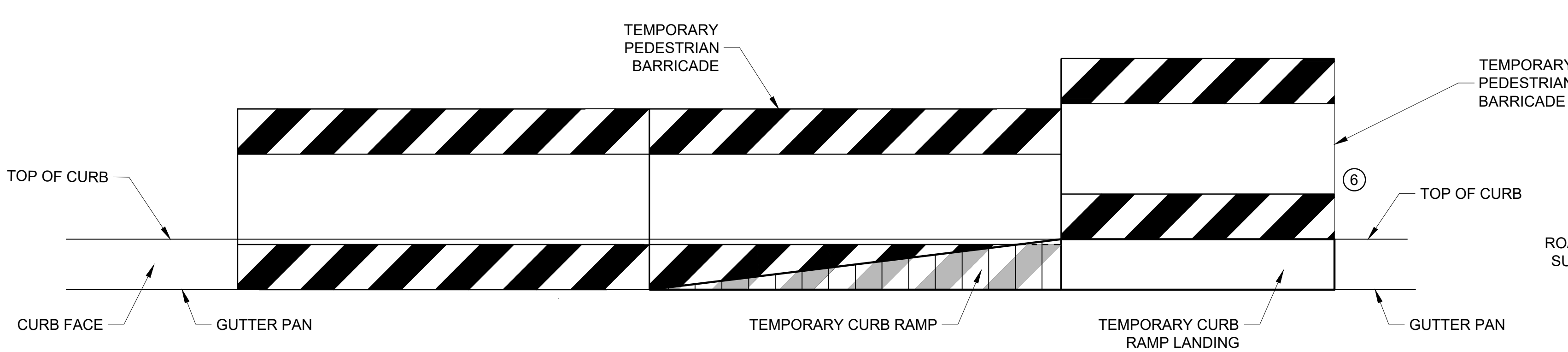
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

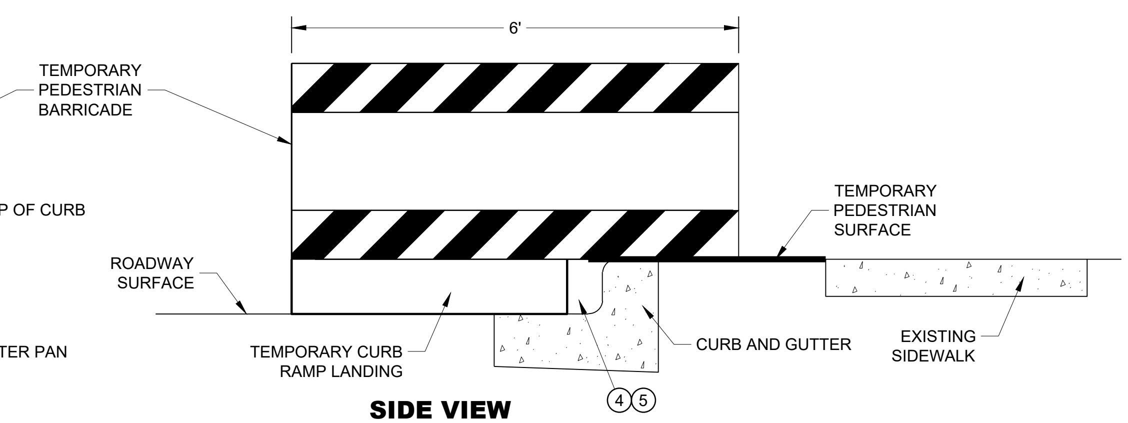
1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. 6" MINIMUM BETWEEN CURB FACE AND EDGE OF RAMP
6. IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.



PERSPECTIVE VIEW



FRONT VIEW

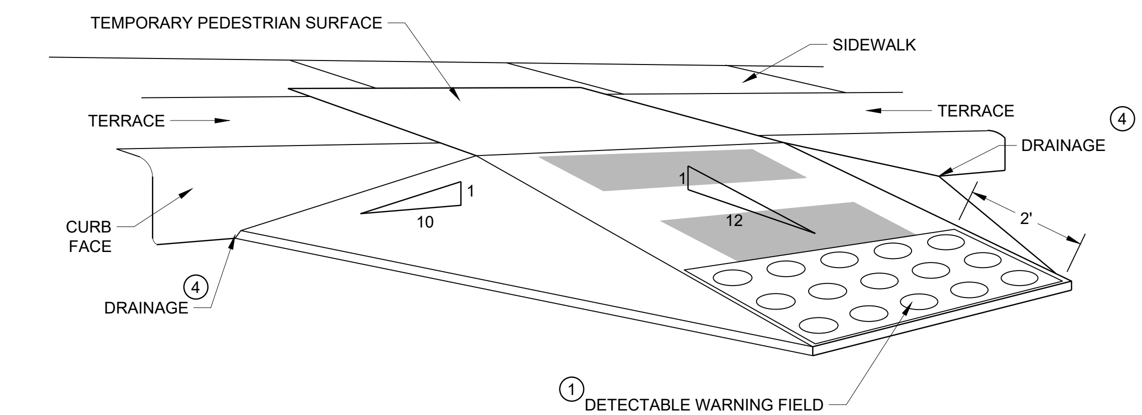


SIDE VIEW

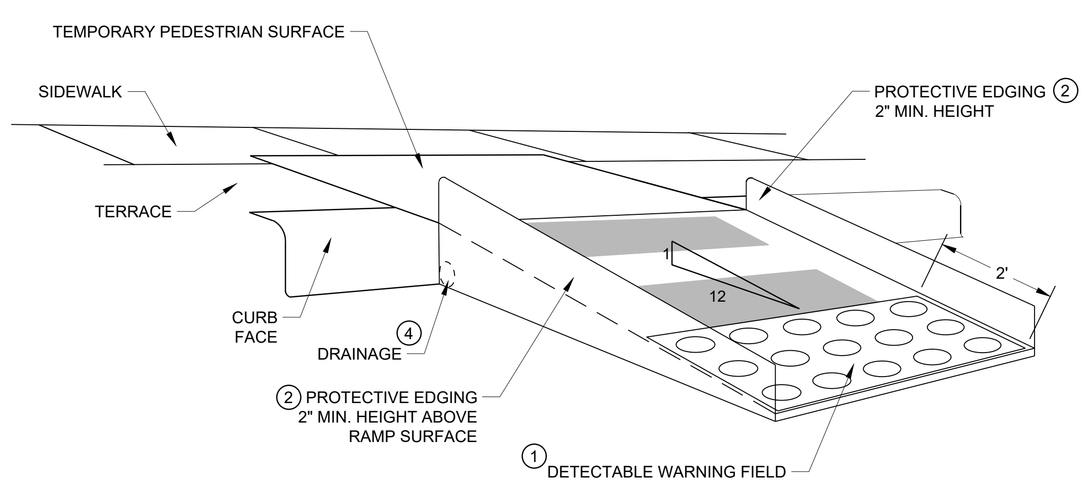
TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



WITH SIDE APRON 5



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

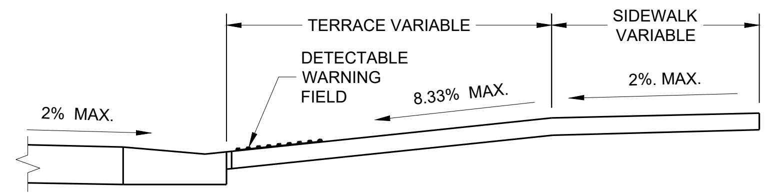
SDD 15D30 - 07c

GENERAL NOTES

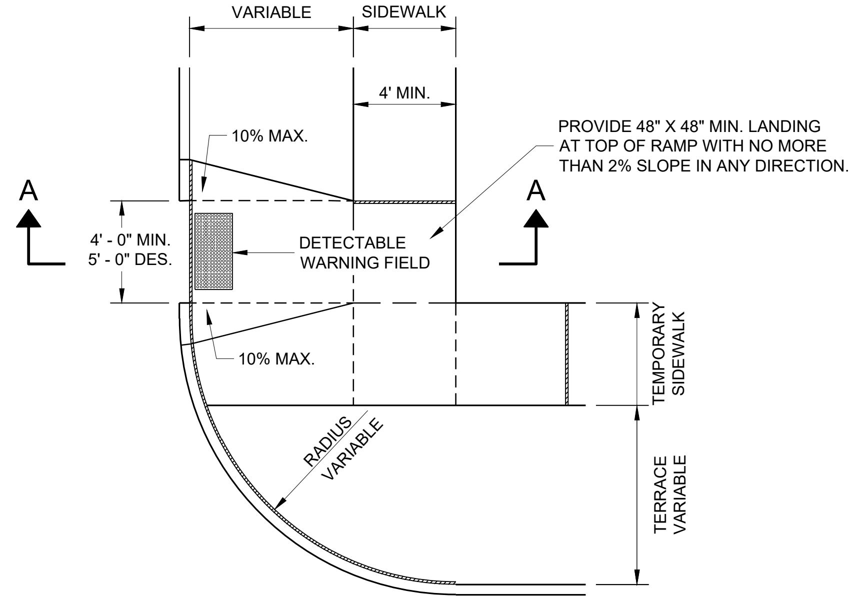
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



SECTION A - A



PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)

6

6

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2022 — DATE

/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

SDD 15D30 - 07d

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

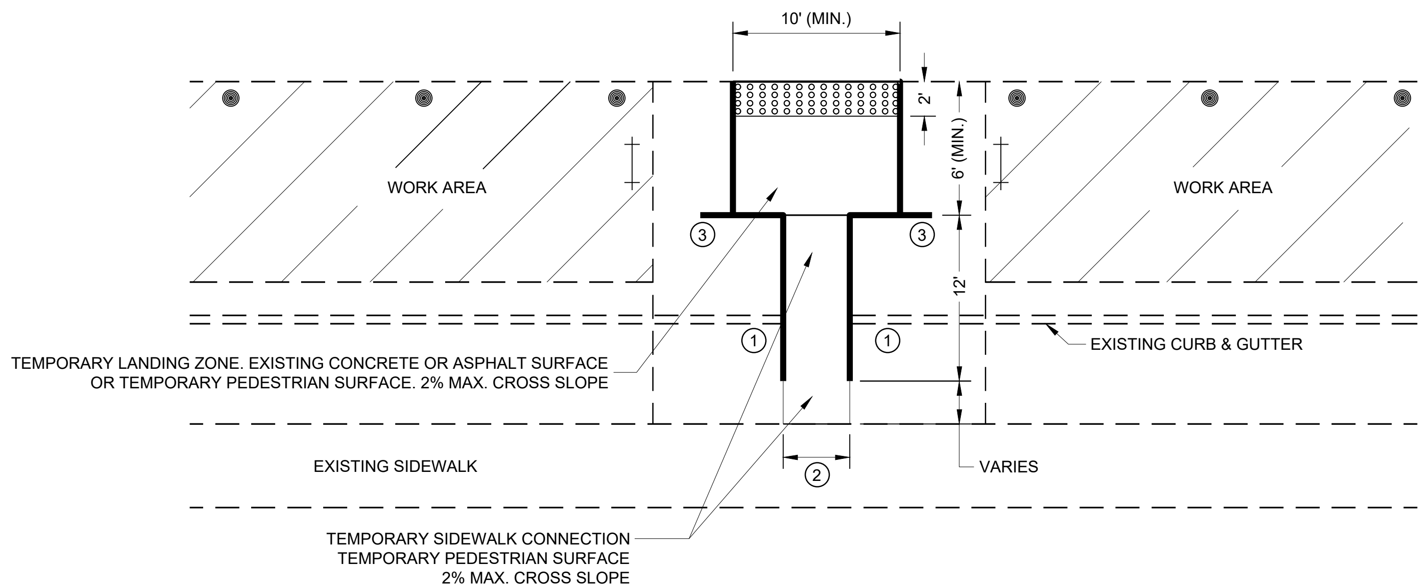
CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

1 DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

2 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

3 PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.



PLAN VIEW

LEGEND

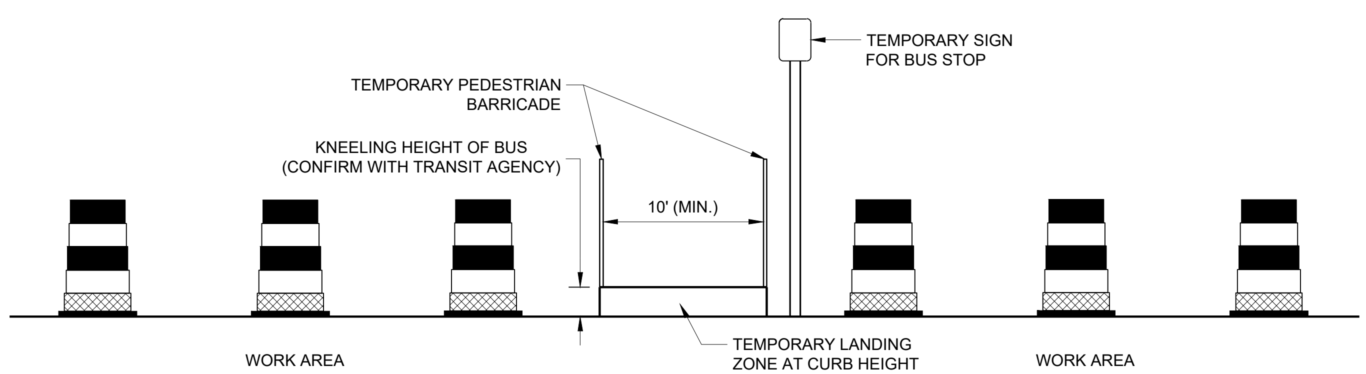
TRAFFIC CONTROL DRUM

TYPE III BARRICADE

TEMPORARY PEDESTRIAN BARRICADE

TEMPORARY DETECTABLE WARNING FIELD

WORK AREA



PROFILE VIEW

TEMPORARY BUS STOP PAD

6

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SDD 15D30 - 07e

SDD 15D30 - 07e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATI

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

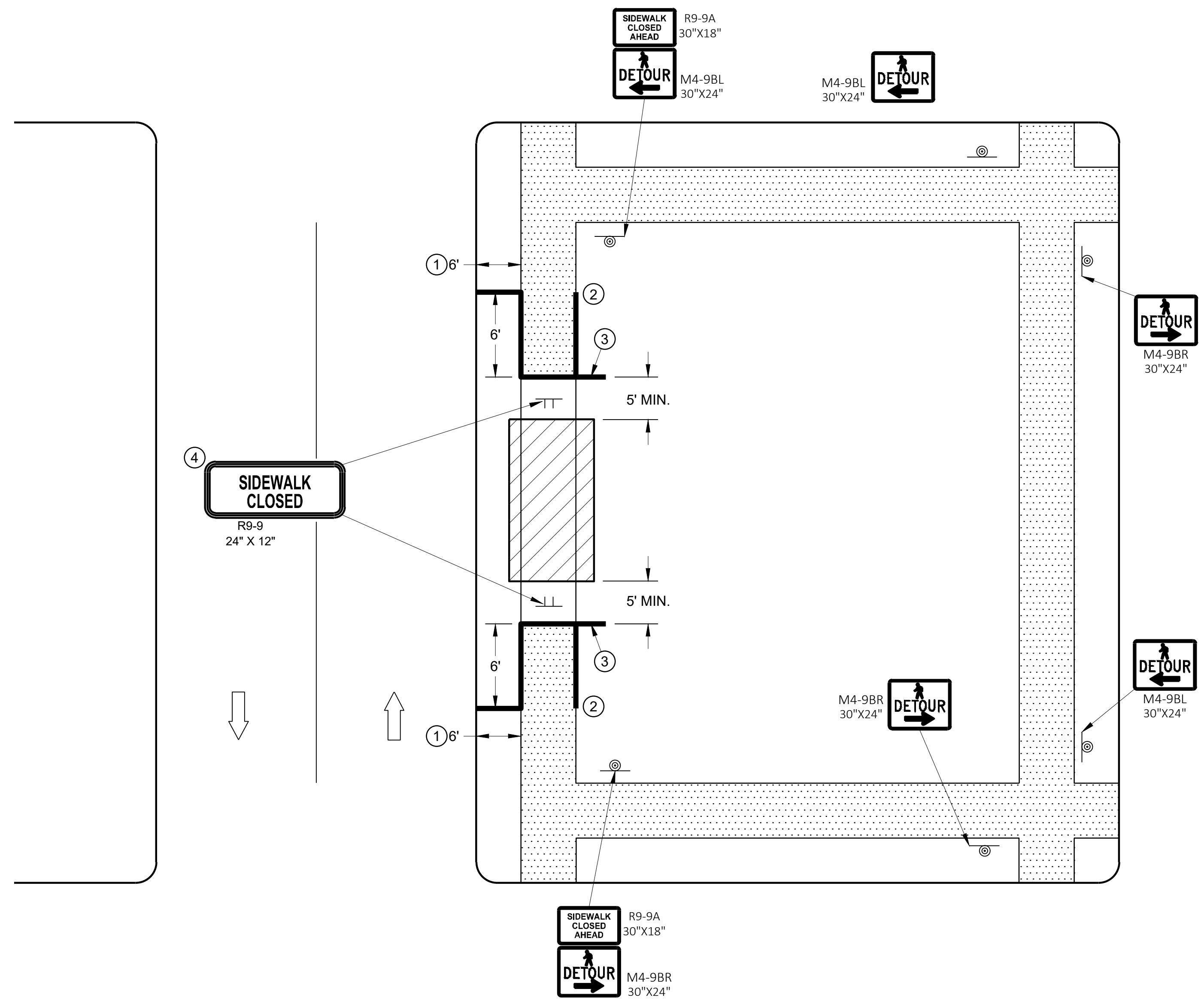
GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D30 - 07f

6

6

SDD 15D30 - 07f

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

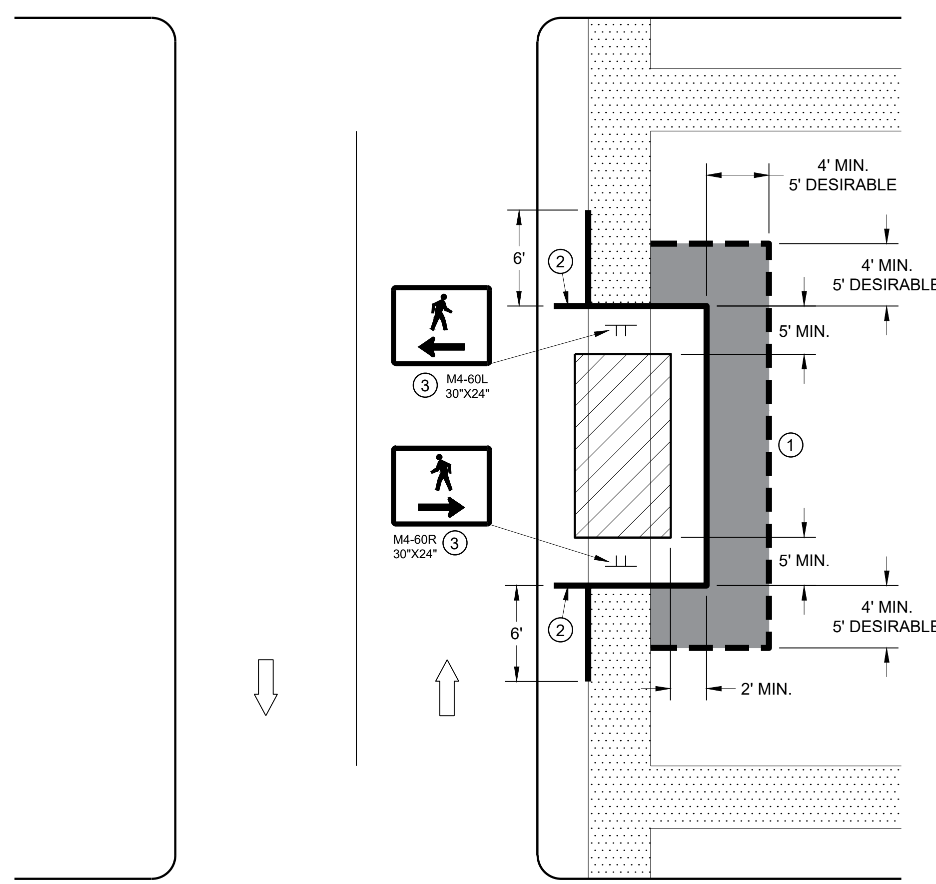
TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

1. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
2. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK DIVERSION SINGLE SIDE

6

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TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D30 - 07g

SDD 15D30 - 07g

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

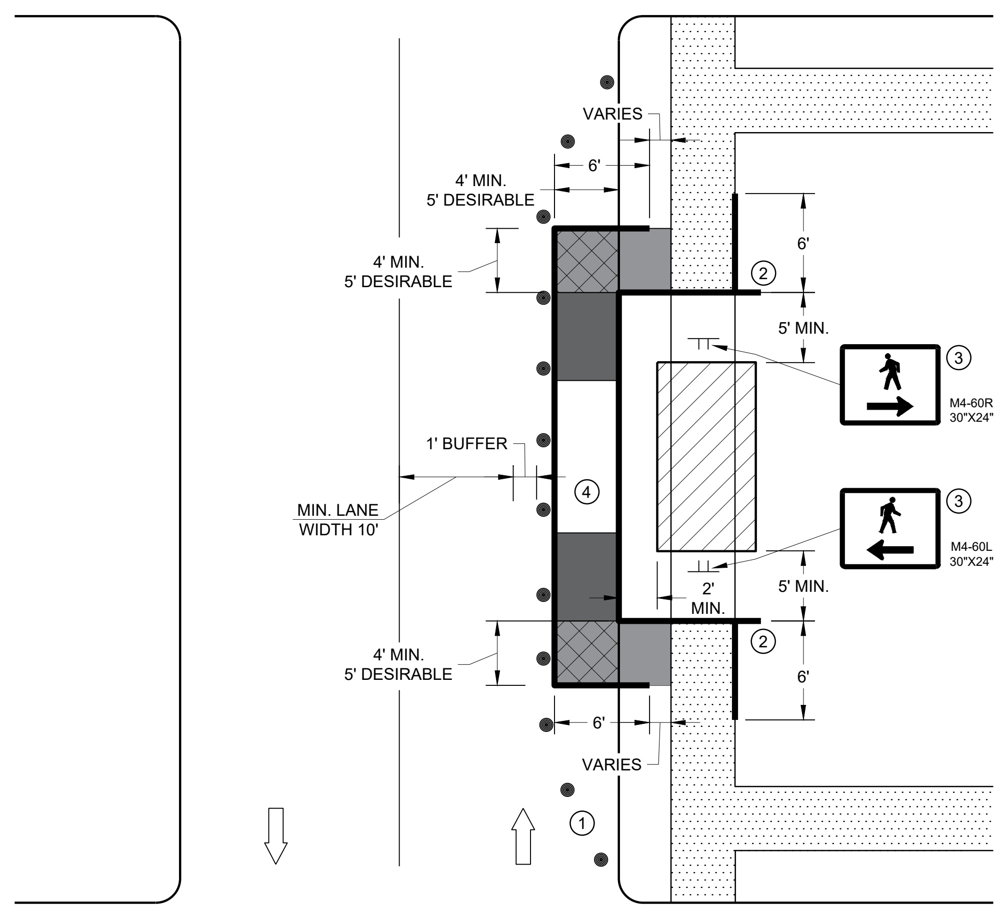
GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.
2. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.
4. USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.



SIDEWALK DIVERSION, SINGLE SIDE

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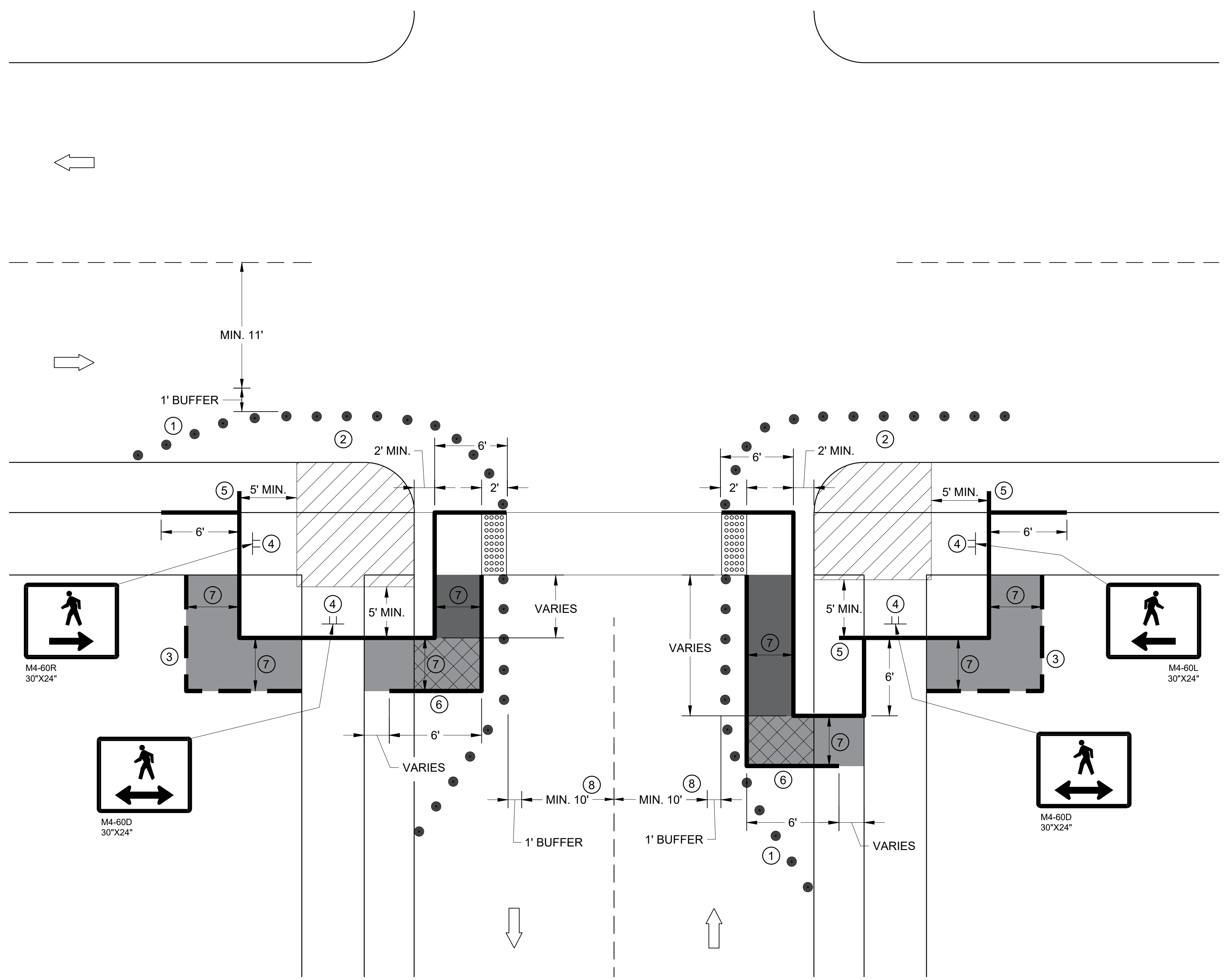
SDD 15D30 - 07h

SDD 15D30 - 07h

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

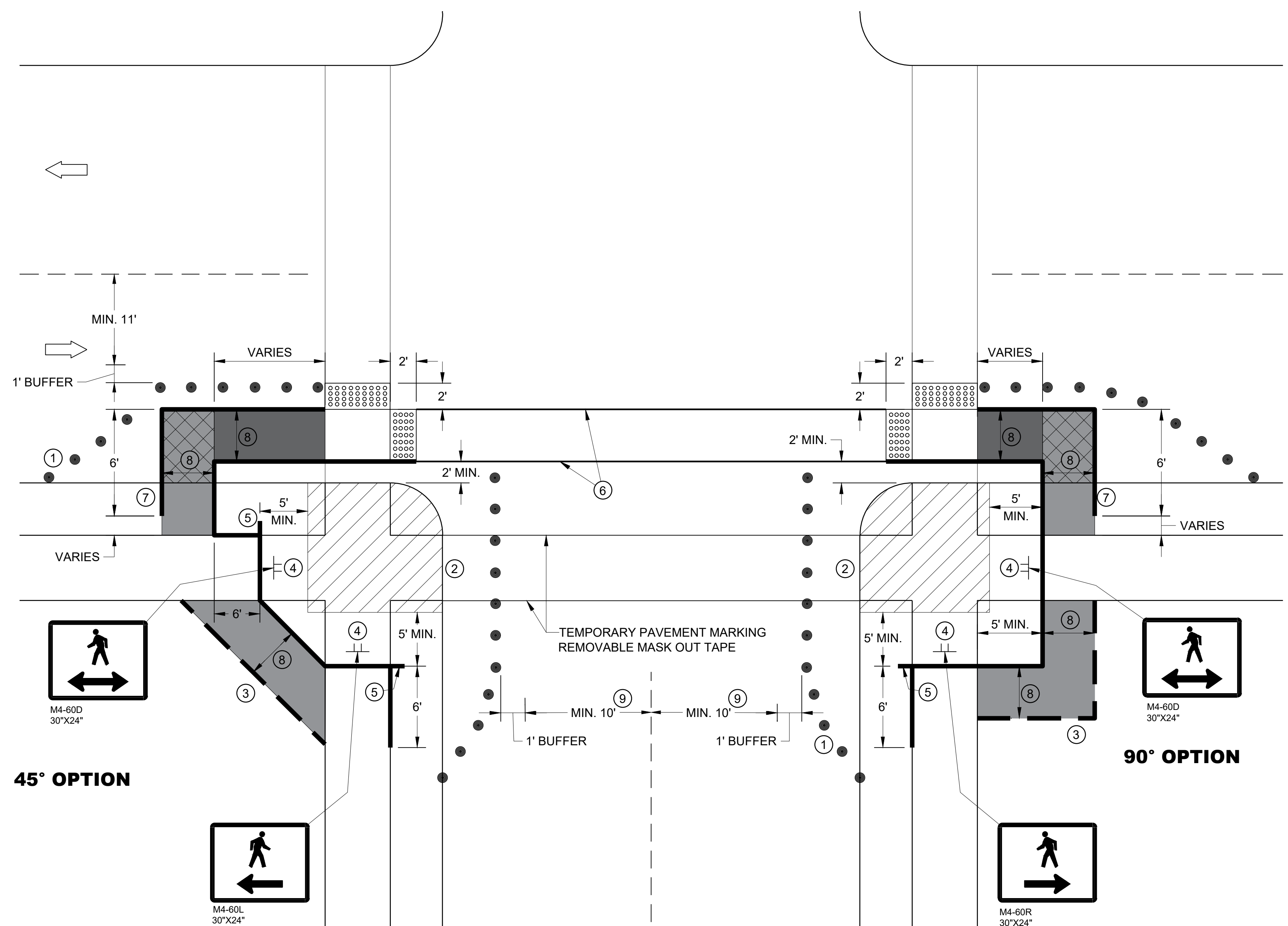
1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM
WORK AREA
TEMPORARY CURB RAMP
TEMPORARY PEDESTRIAN SURFACE "A"
TEMPORARY PEDESTRIAN SURFACE "B"
TEMPORARY DETECTABLE WARNING FIELD
TEMPORARY PEDESTRIAN BARRICADE
OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

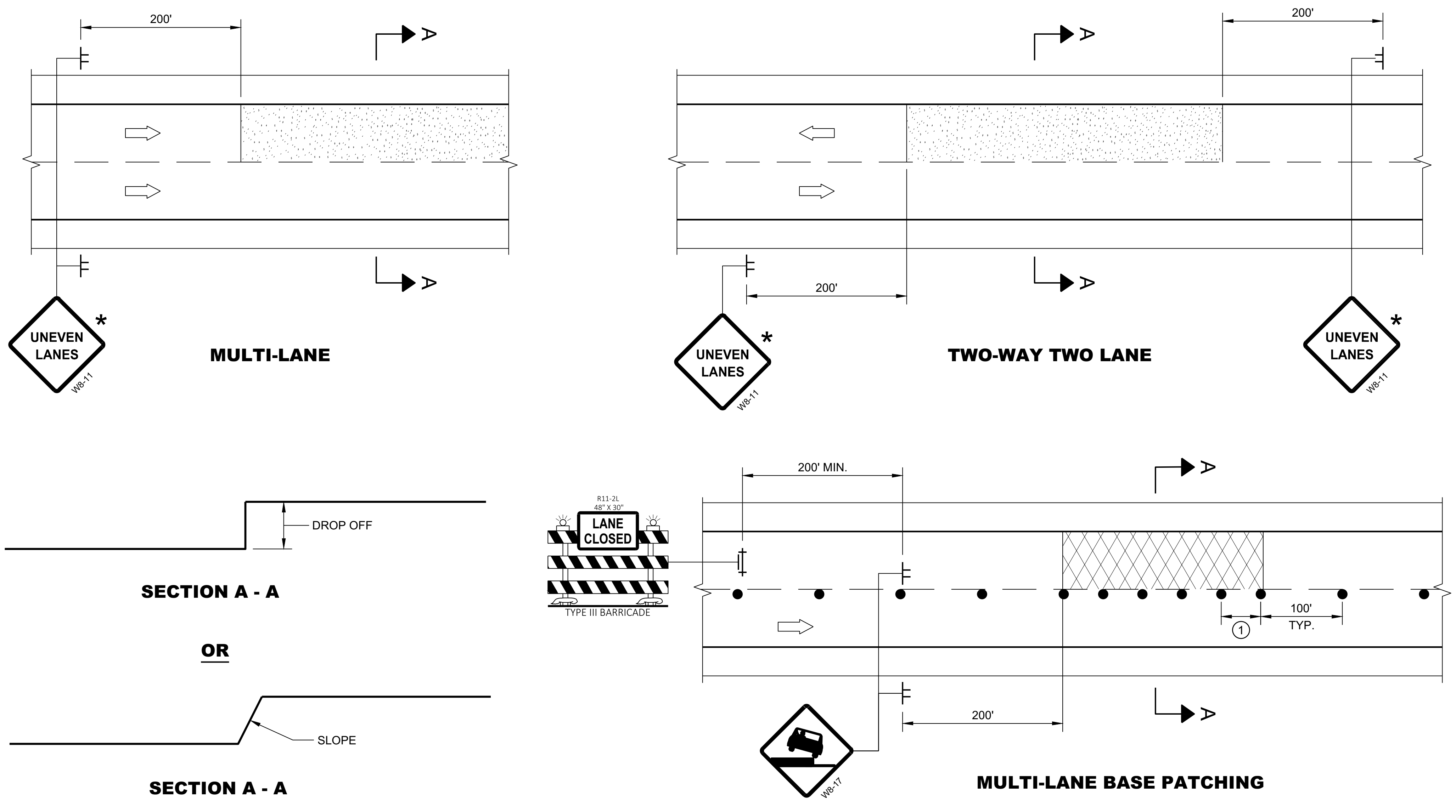
1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. WHITE 6" TEMPORARY PAVEMENT MARKING
7. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
8. 4 FEET MINIMUM, 5 FEET DESIRABLE
9. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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.

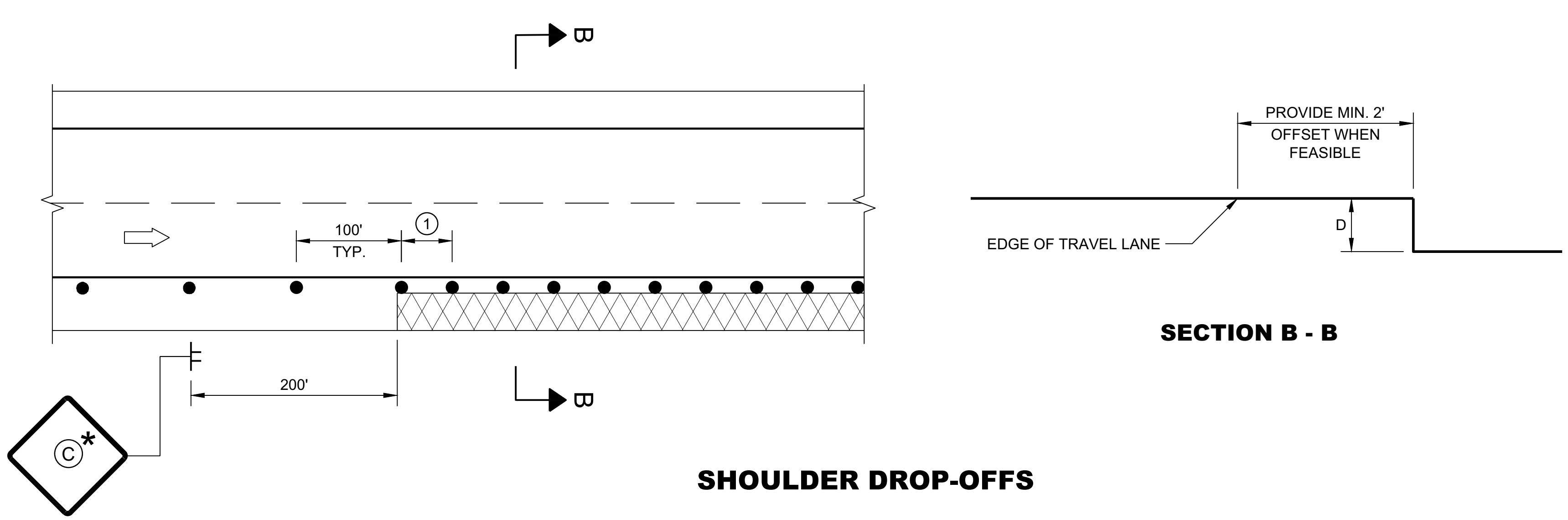
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* 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

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 ENGINEER

FHWA

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

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

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

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

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

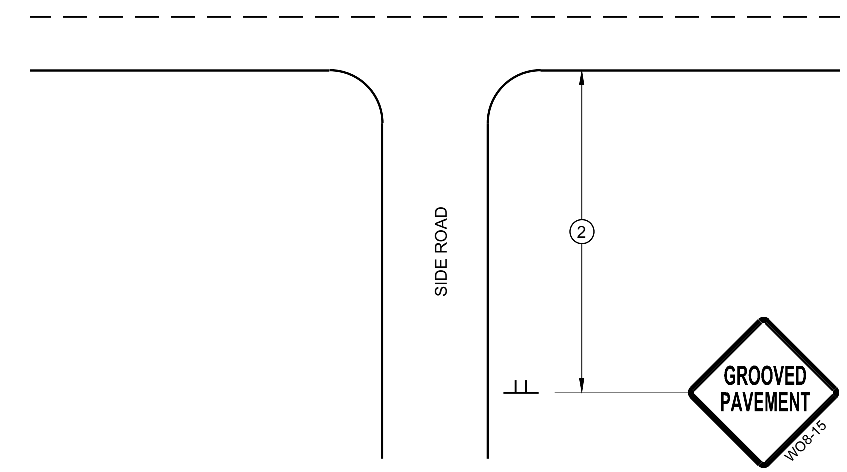
SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

1. PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.
2. PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

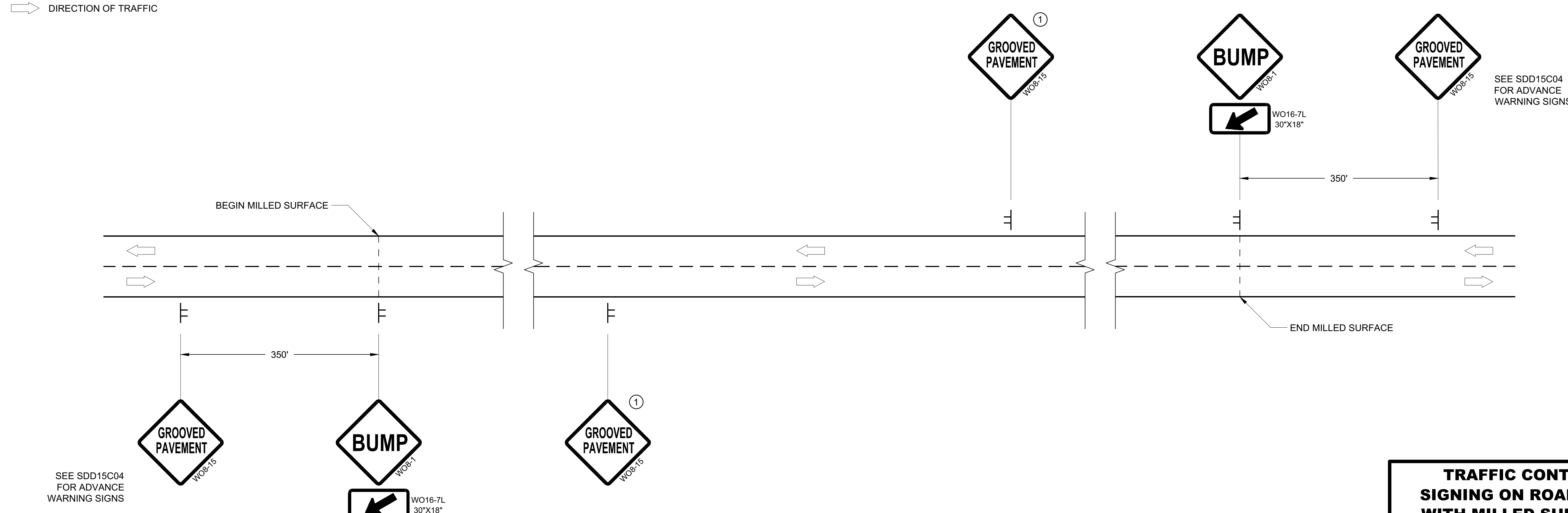
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

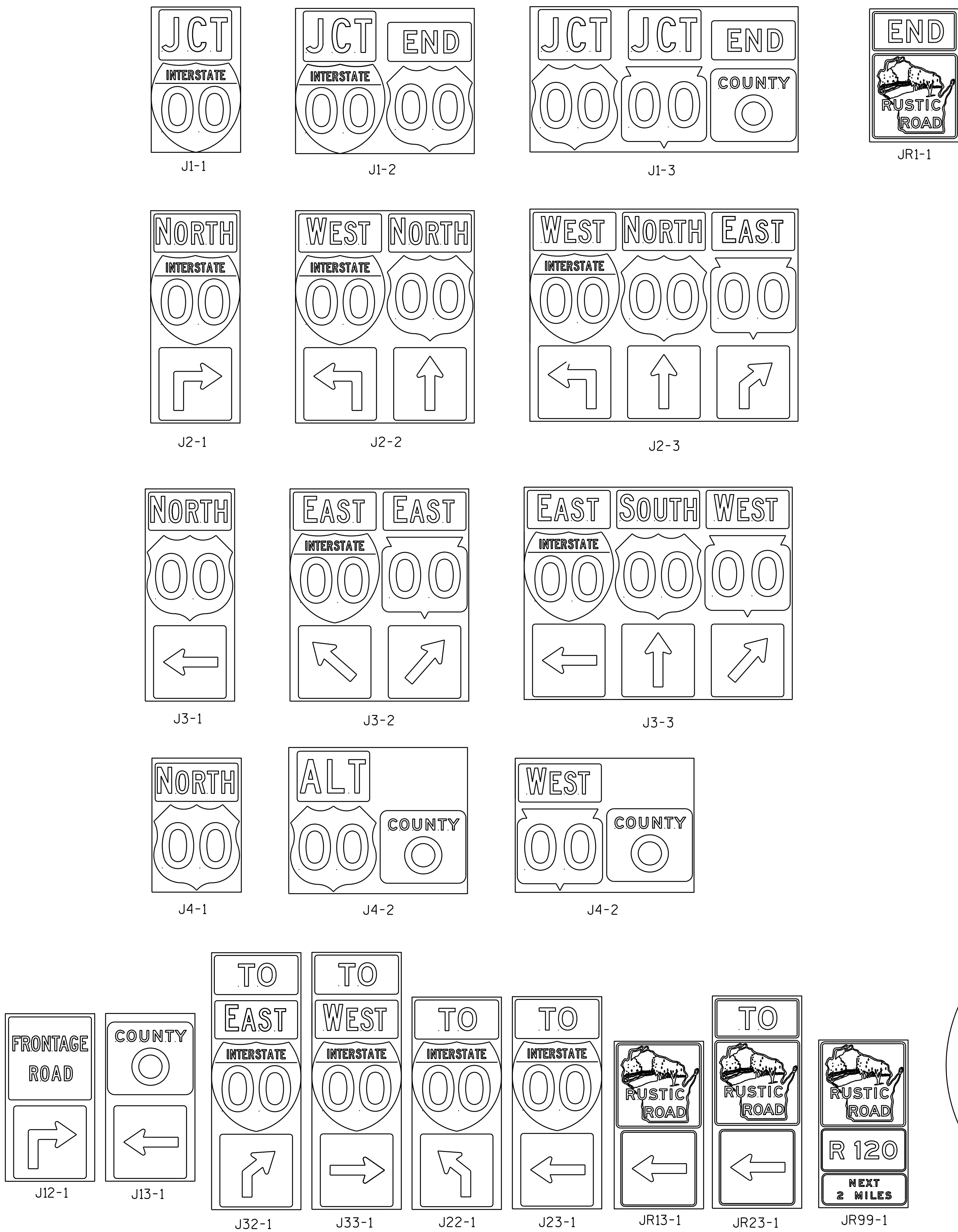
APPROVED
February 2020 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

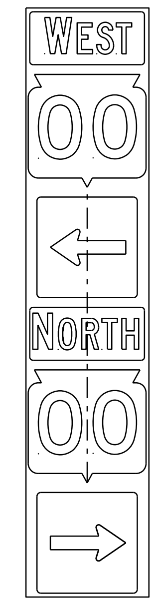
FHWA

SDD 15D44 - 02

6

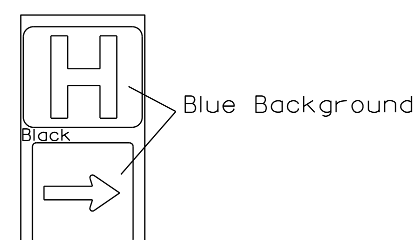
TYPICAL ASSEMBLIES





JV

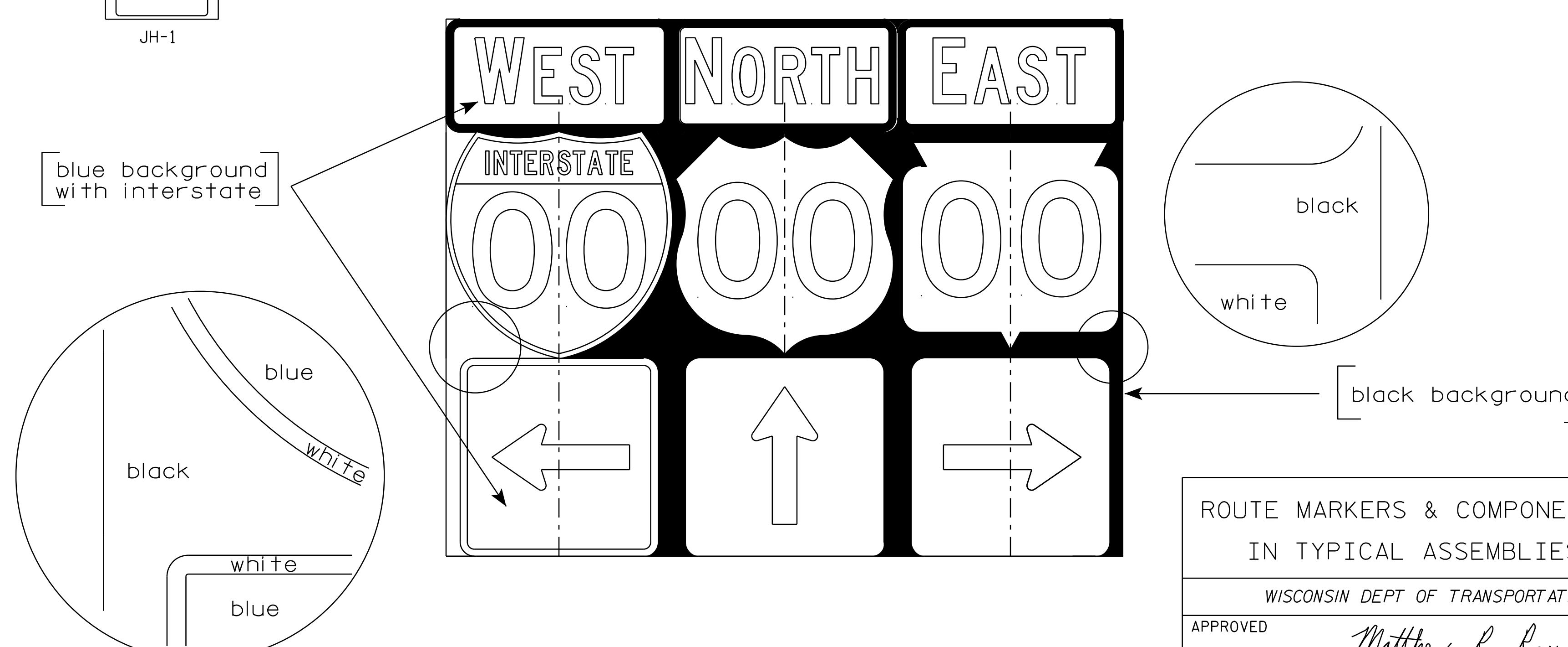
(Typical Vertical J-Assembly
See Note 10 and 11)



JH-1

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.



ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/21 PLATE NO. A2-1S.9

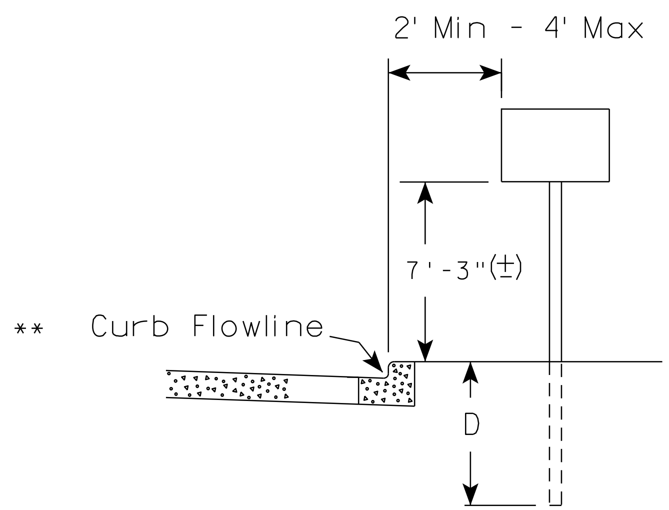
PROJECT NO: SHEET NO: 222 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate_A21S.dgn PLOT DATE : 18-MAR 2021 1:37 PLOT BY : mscj9h PLOT NAME :

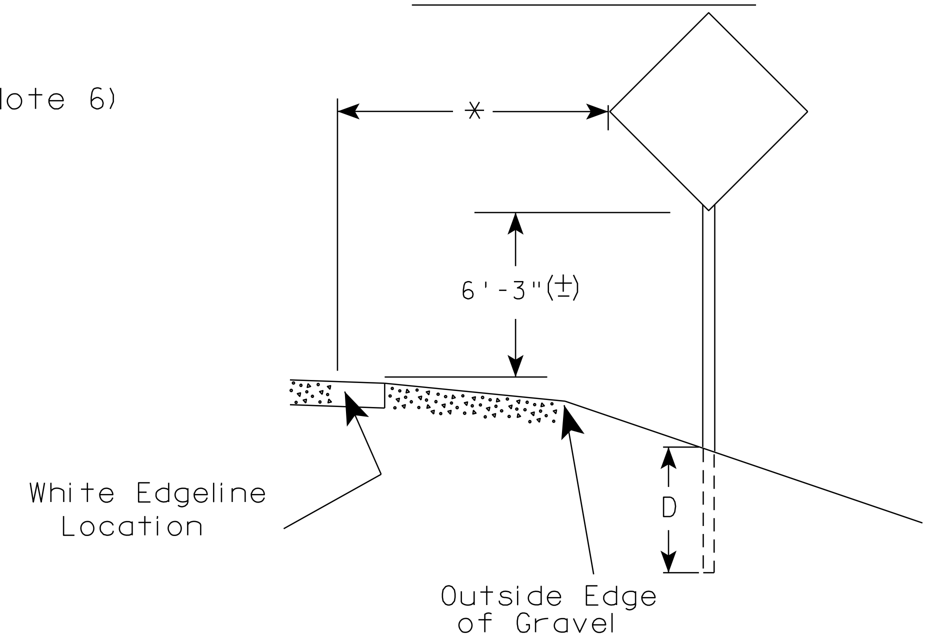
7

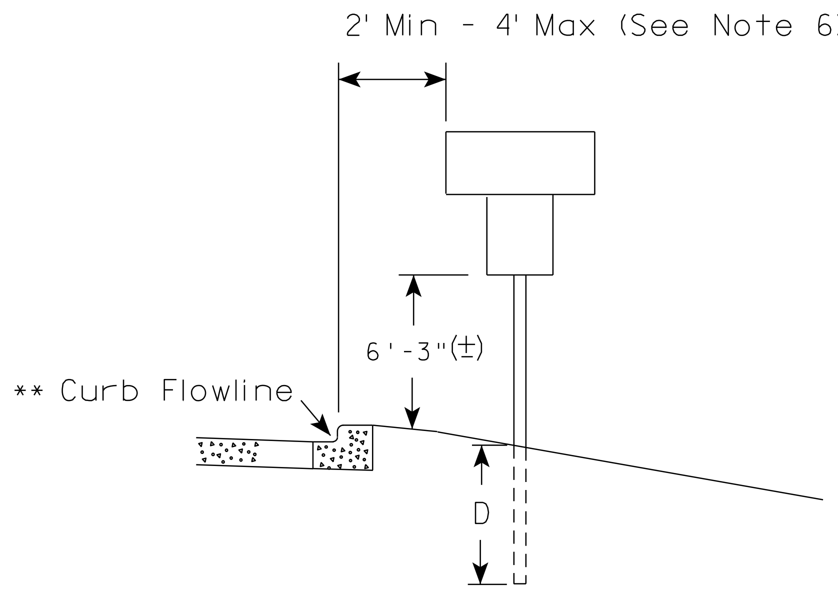
7

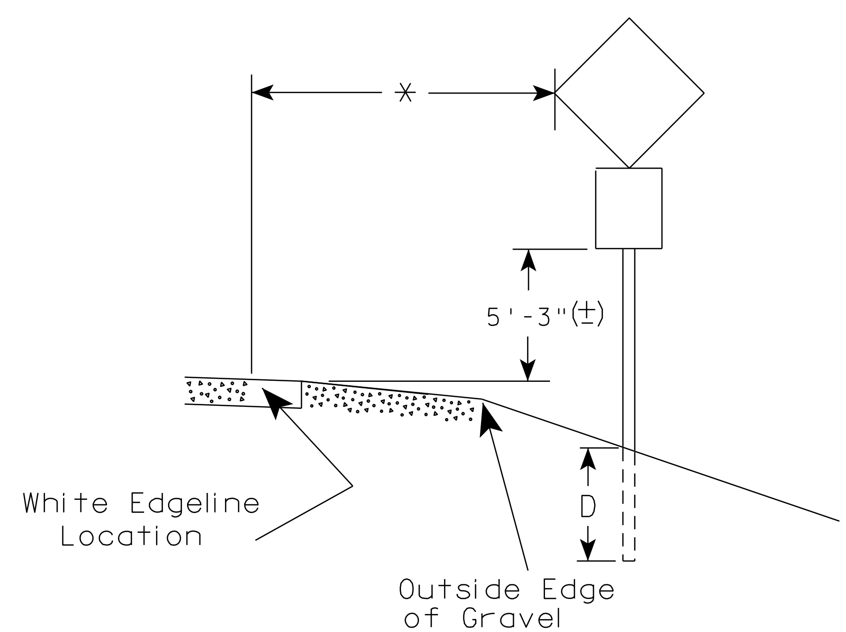
URBAN AREA



RURAL AREA (See Note 2)







GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.

   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. The (±) tolerance for mounting height is 3 inches.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

** 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.

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

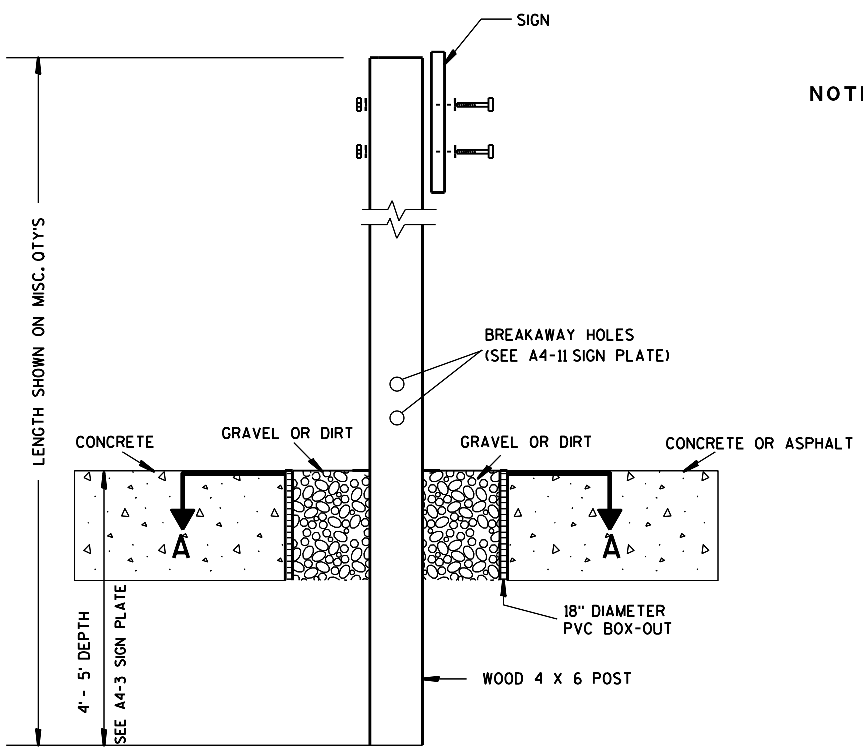
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

7 7

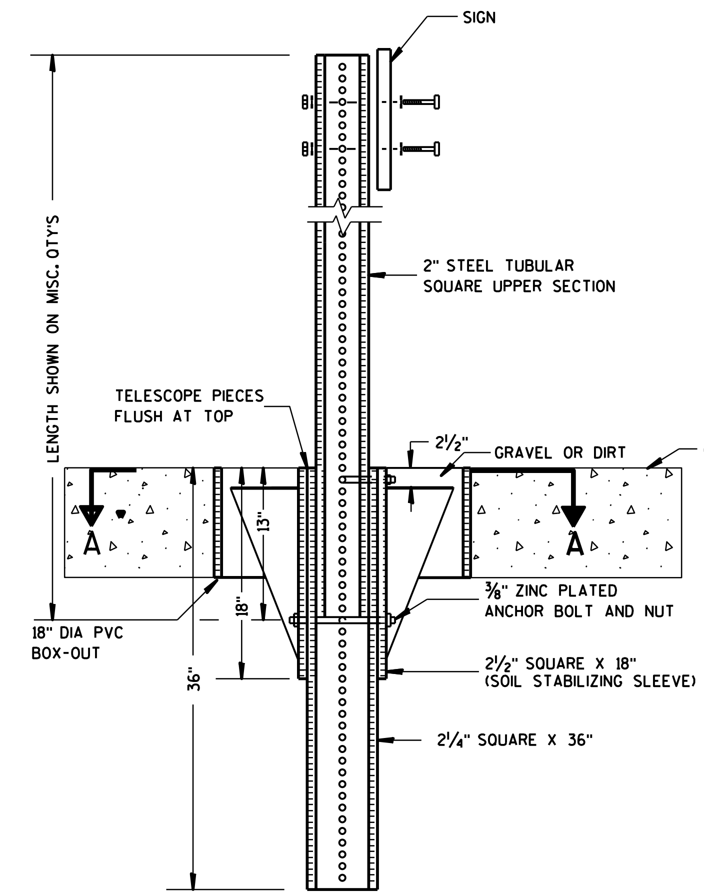
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 223	E

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.



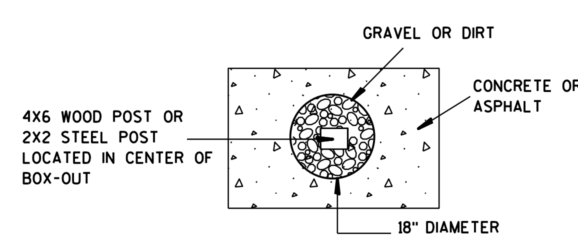
ELEVATION VIEW

DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT



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

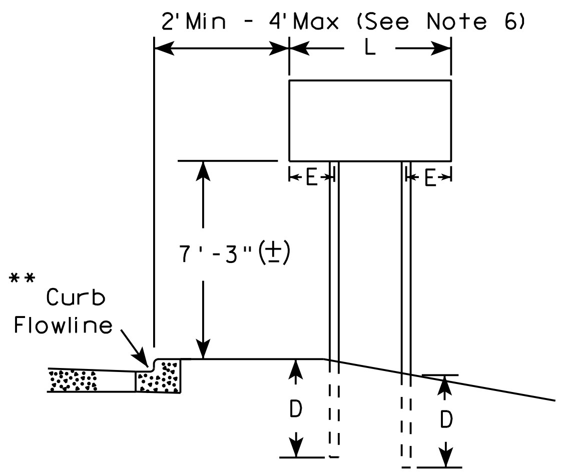
7

7

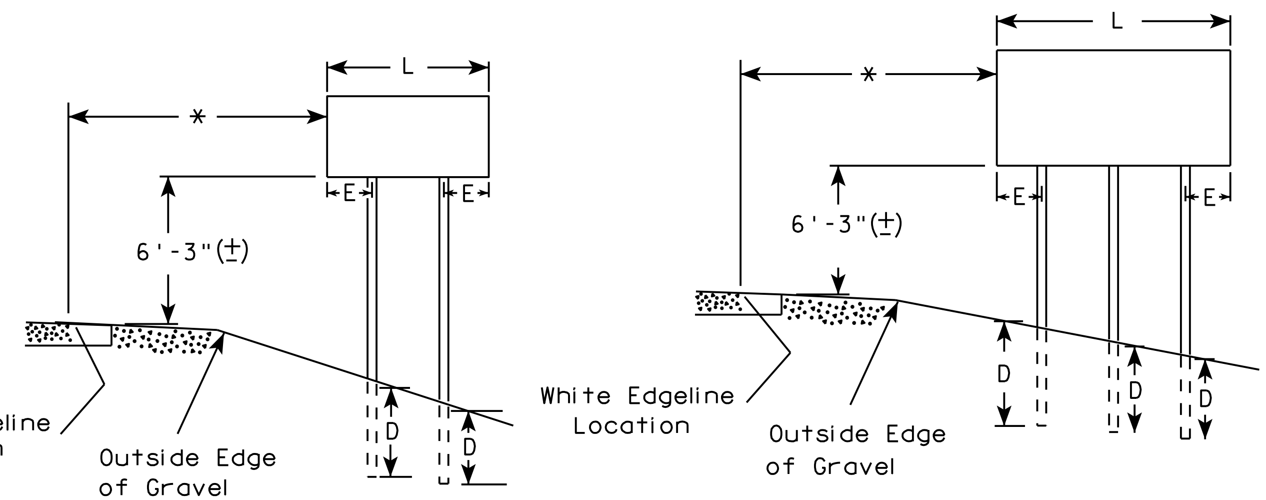
GENERAL NOTES

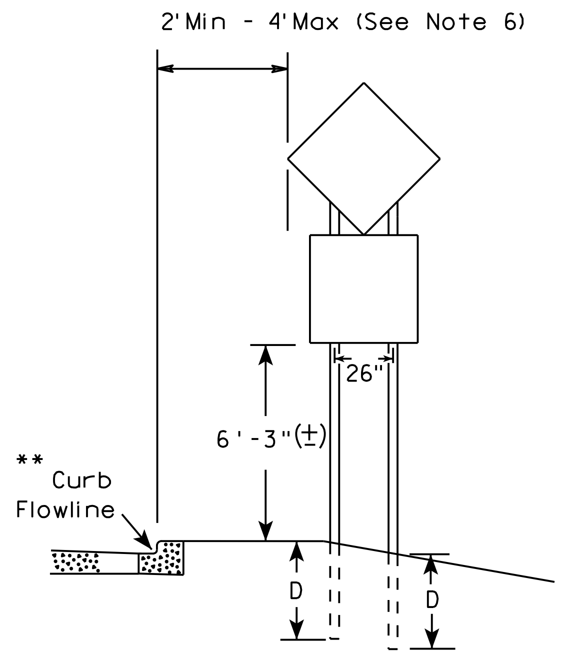
1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

URBAN AREA

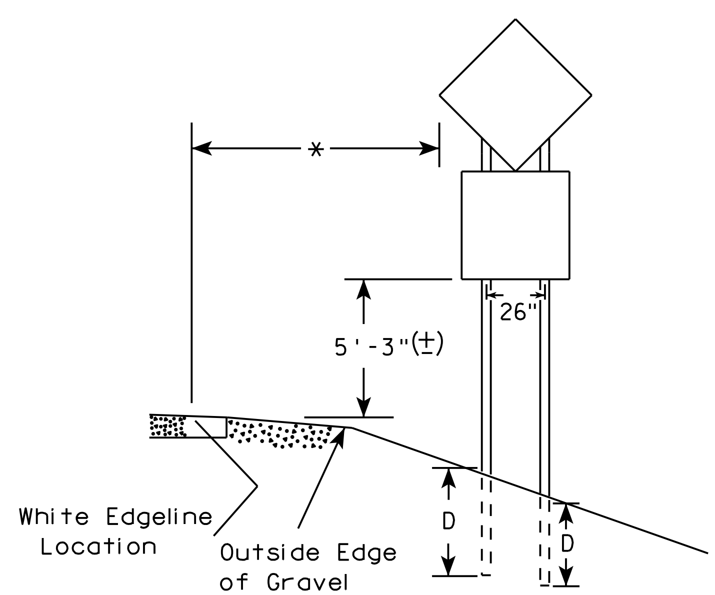


RURAL AREA (See Note 3)





48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

* 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.

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"

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

7

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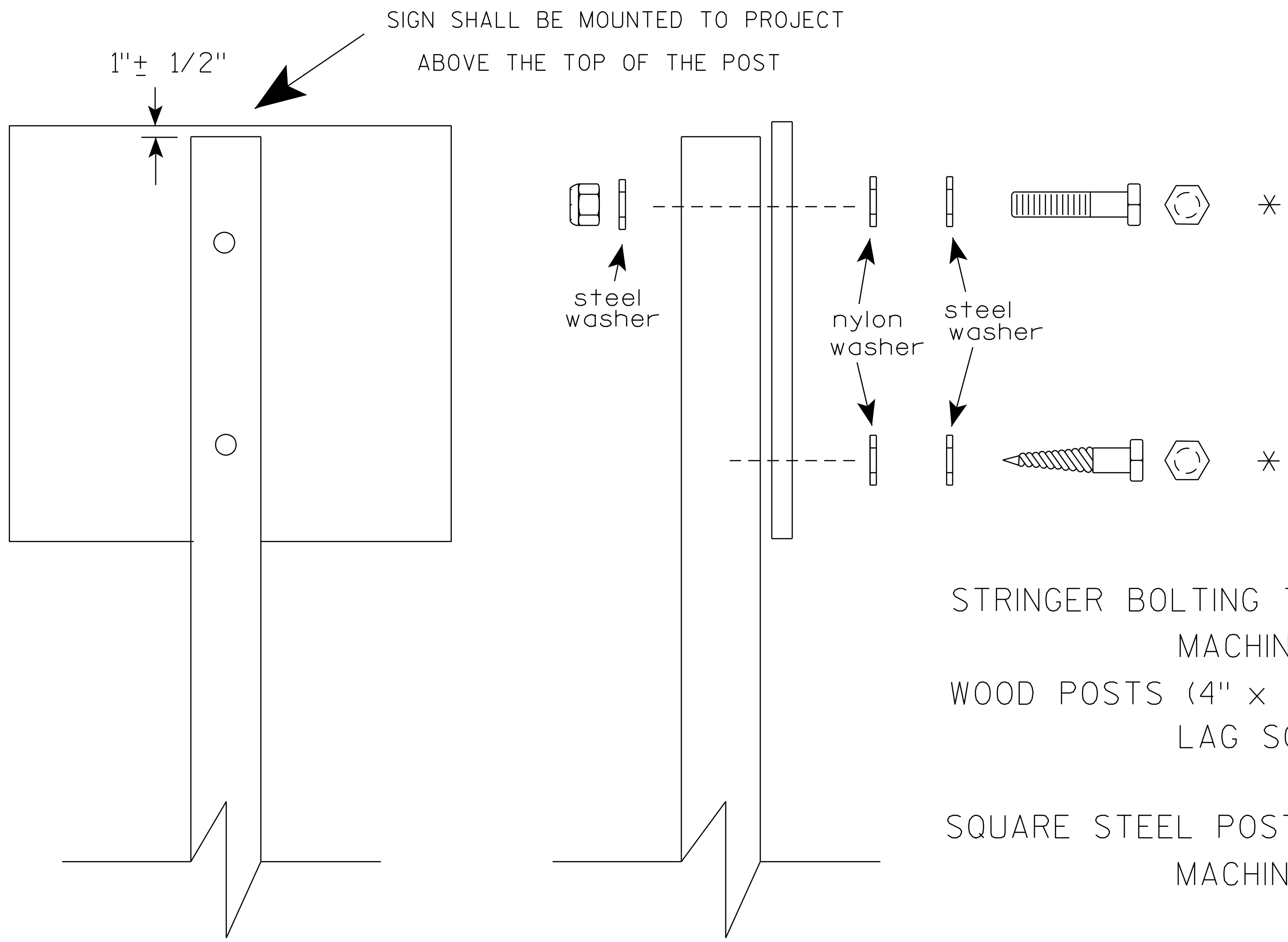
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 225	E



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

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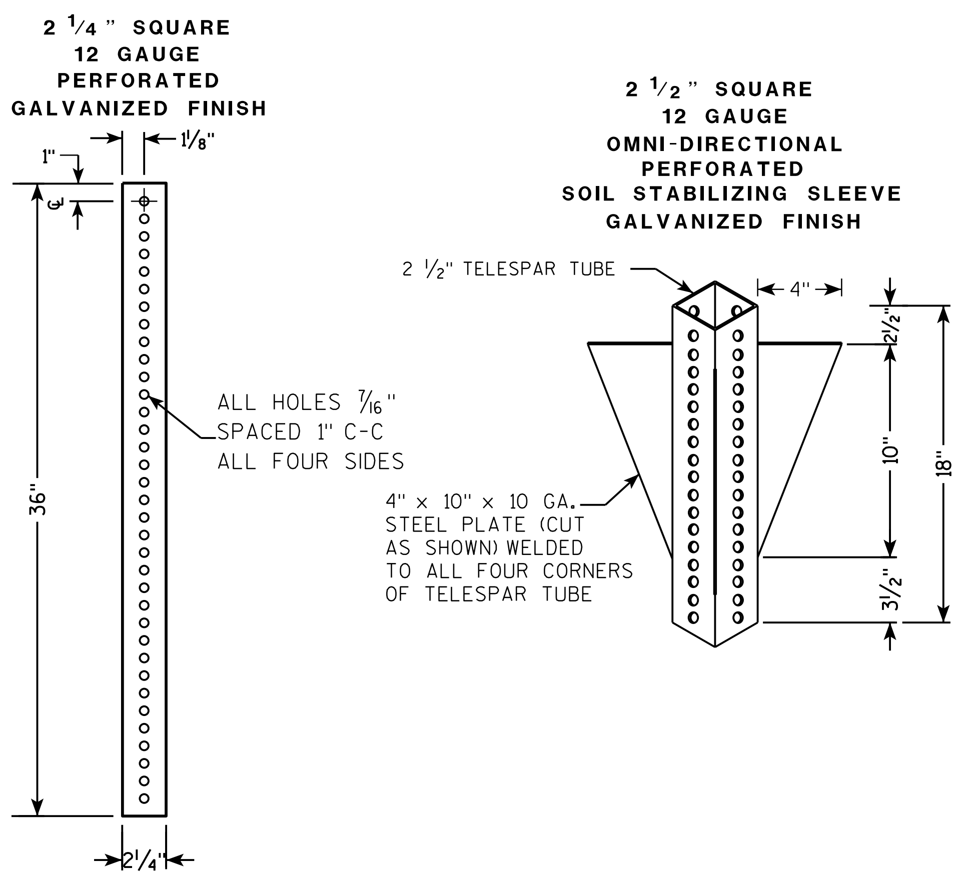
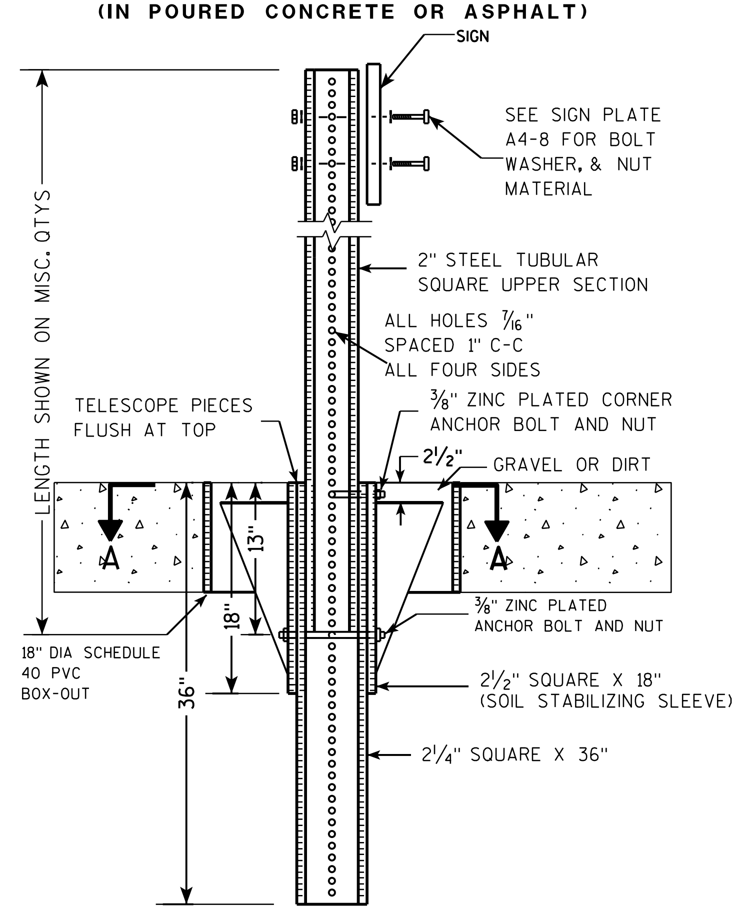
PROJECT NO: | SHEET NO: 226 | E

TELESCOPIC TUBING ANCHORS TWO PIECE SYSTEM



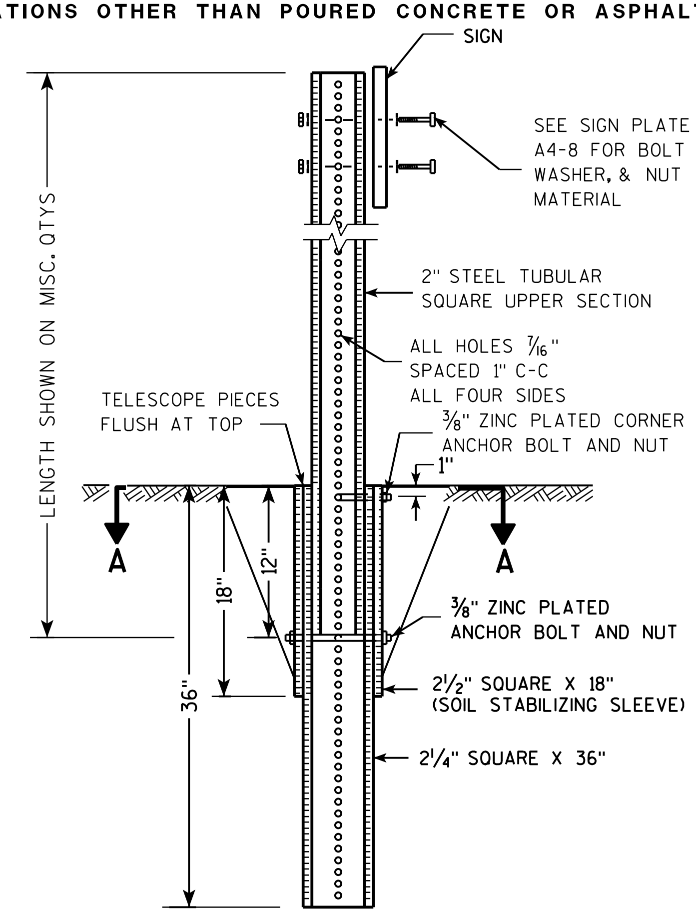
DETAIL OF TUBULAR STEEL SIGN POST

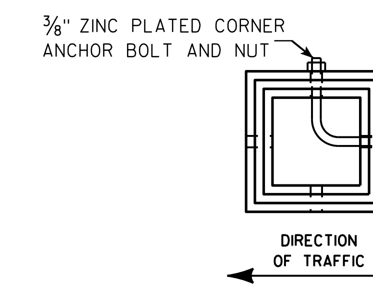
(IN POURED CONCRETE OR ASPHALT)



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).

7

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TUBULAR STEEL SIGN POST A4-9

WISCONSIN DEPT OF TRANSPORTATION

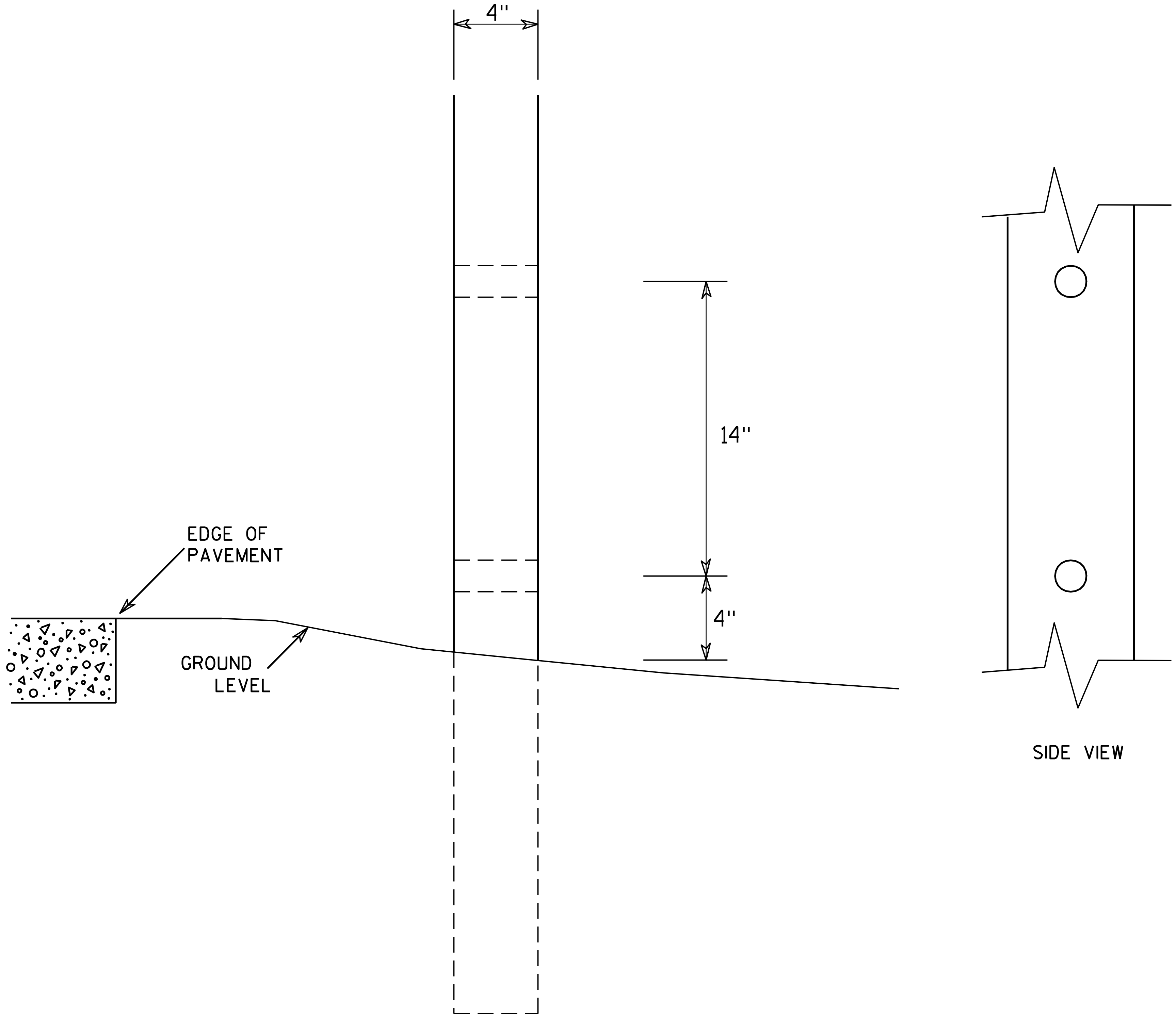
APPROVED Matthew R Rauch

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 $1\frac{1}{2}$" diameter holes drilled perpendicular to the roadway centerline.

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

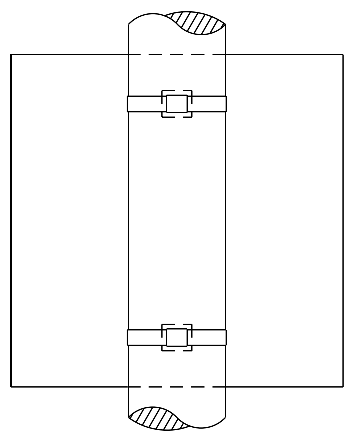
APPROVED Chester J Spang for State Traffic Engineer

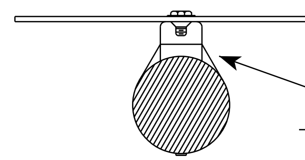
DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 228	E

BANDING

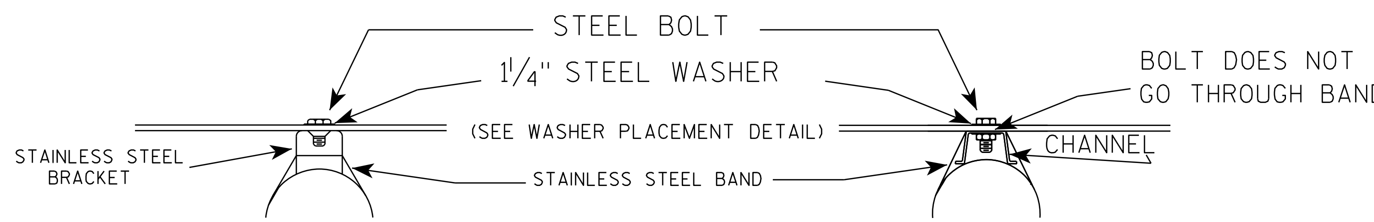
SINGLE SIGN



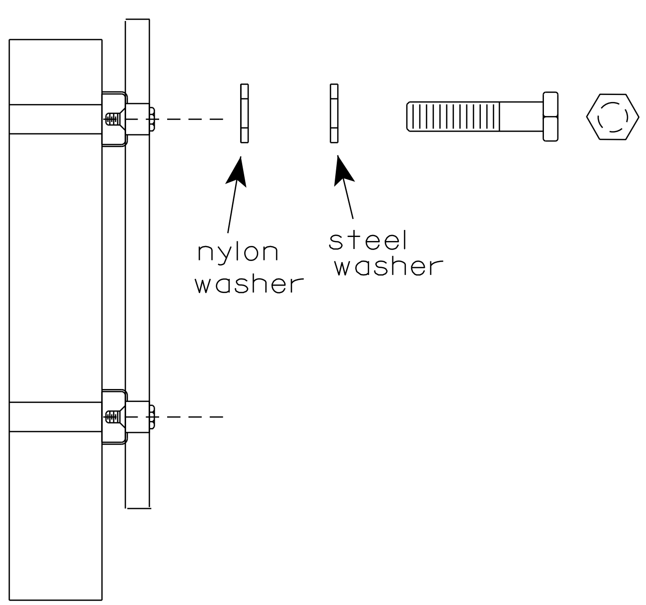


GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be 3/4" 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

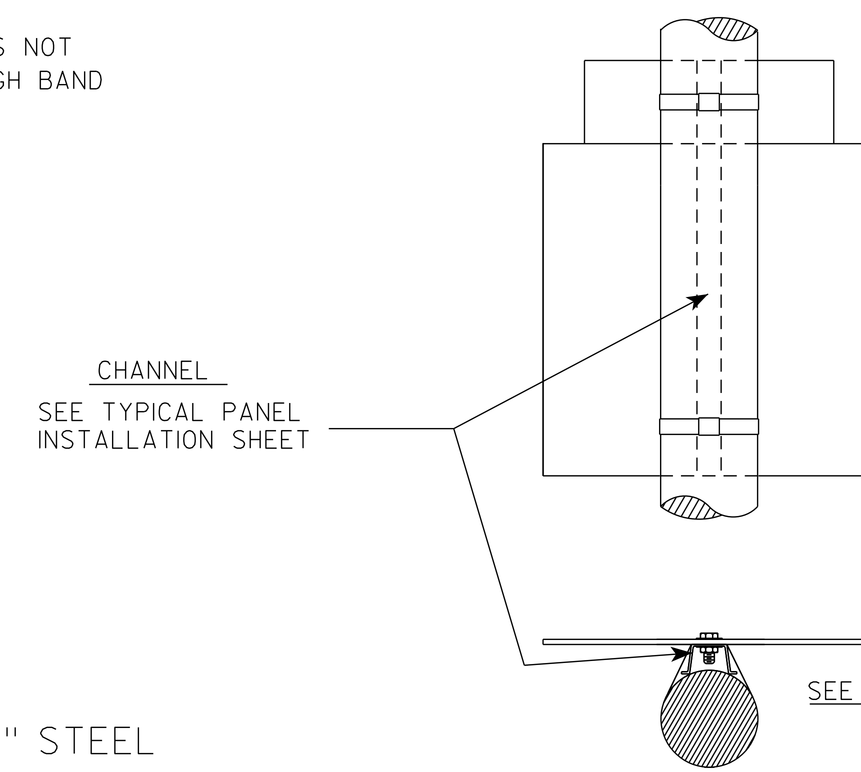


WASHER PLACEMENT



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

"J" ASSEMBLY



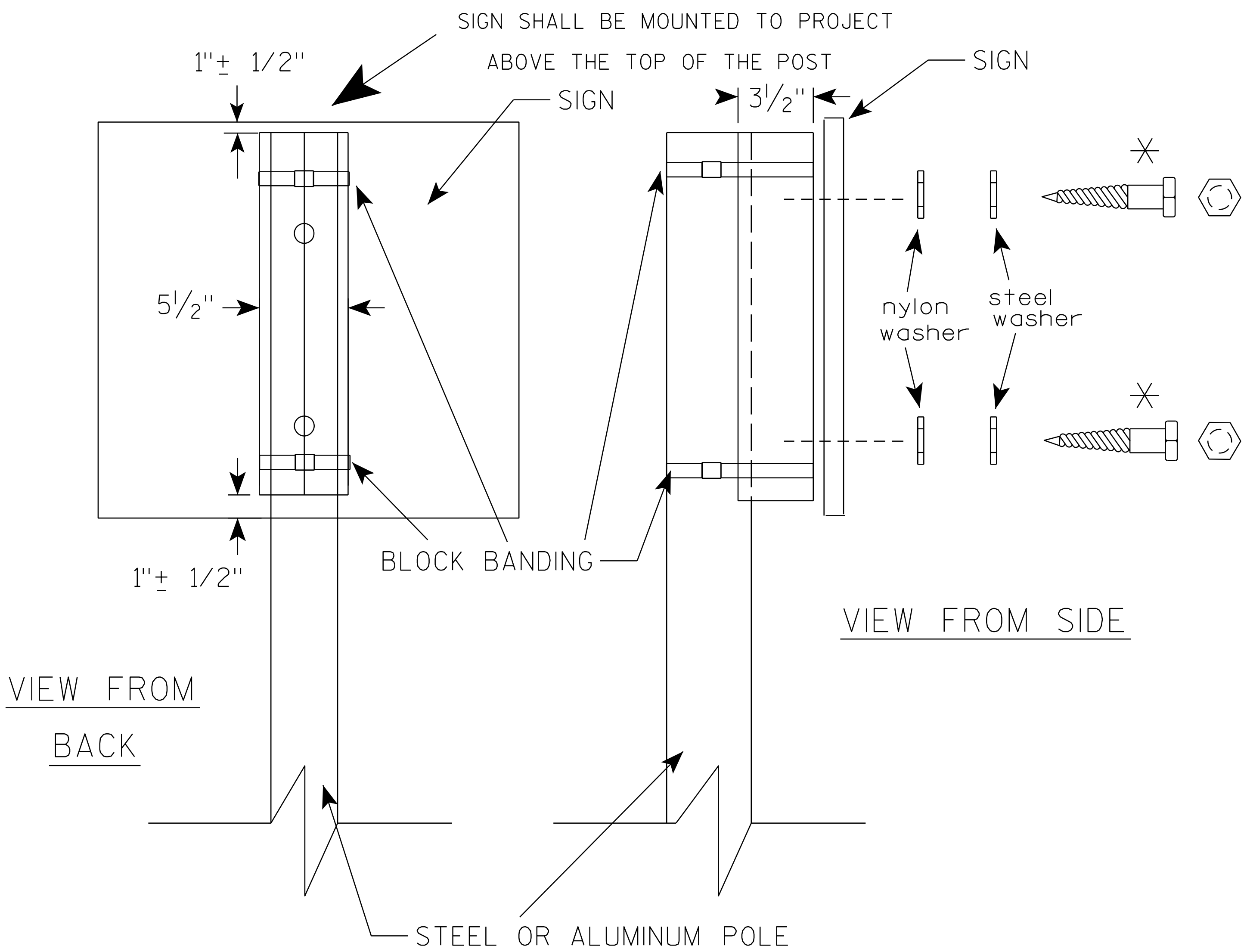
STANDARD SIGN
SIGN BANDING DETAILS

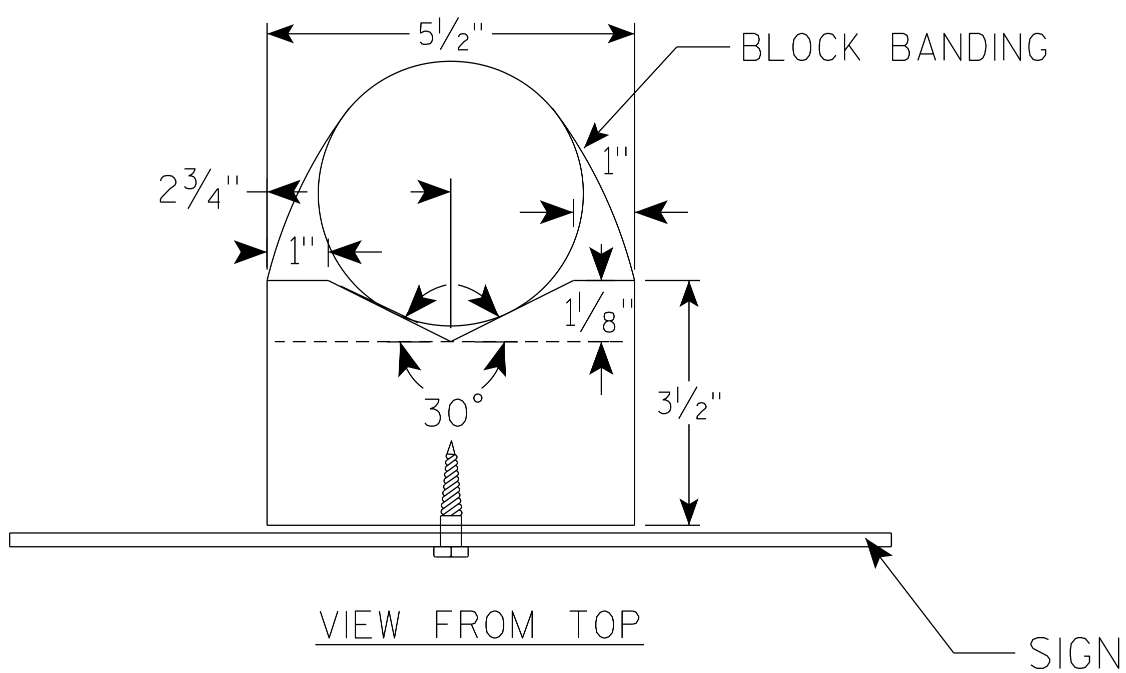
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 6/10/19 PLATE NO. A5-9.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 229	E





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 $1^1/_4$" O.D. X ⅜" I.D. X $^1/_{16}$"
8. NYLON WASHERS SHALL BE $1^1/_4$" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X $2^1/_2$"

BLOCK BANDING DETAIL
(V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

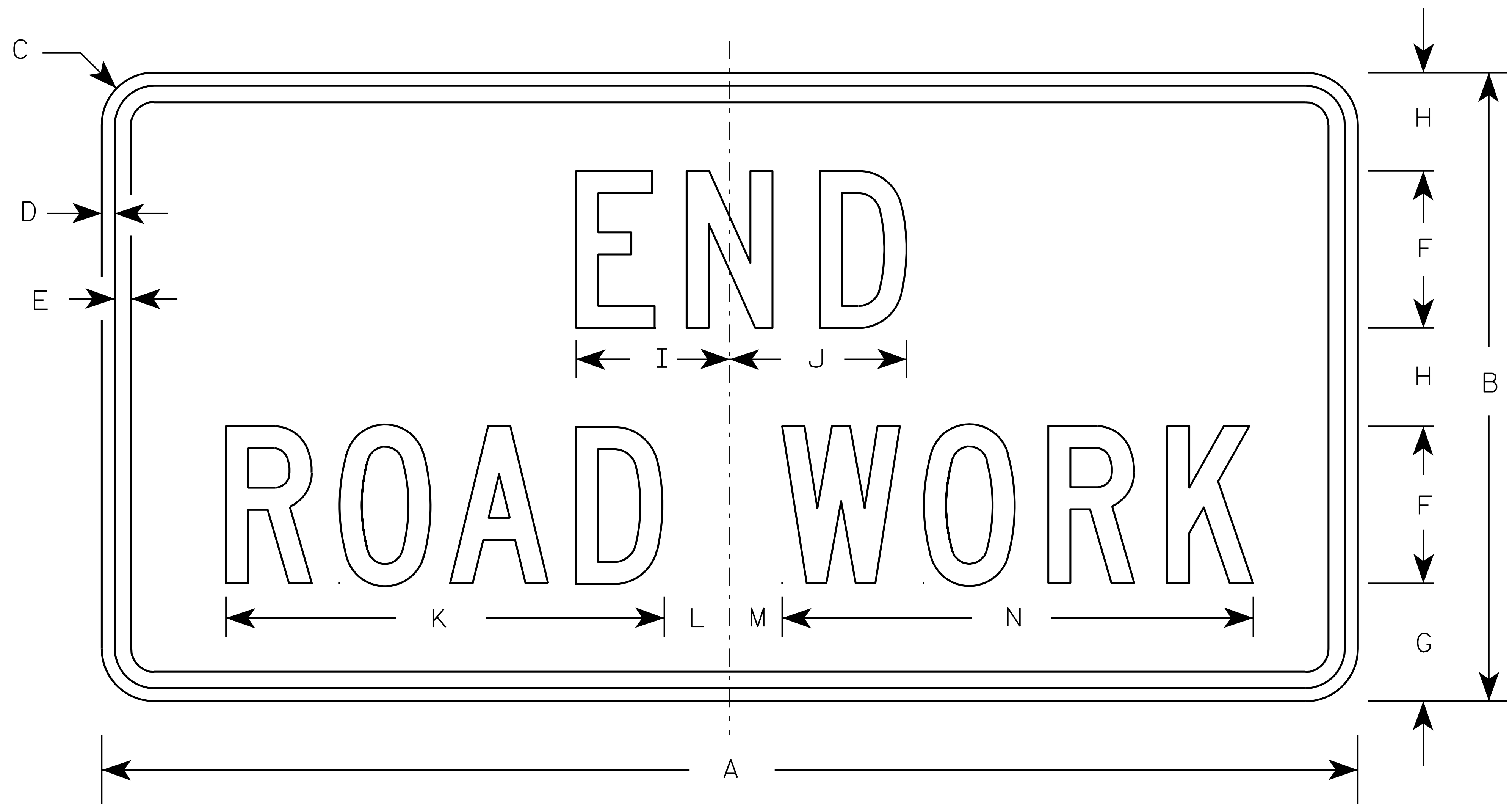
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO: SHEET NO: 230 E

7

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A510.dgn PLOT DATE : 19-APRIL 2022 11:55 PLOT BY : dotc4c
WISDOT/CADDS SHEET 42



G20-2A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1200 mm X 600 mm
4	1200 mm X 600 mm
5	1200 mm X 600 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72

STANDARD SIGN
G20-2A

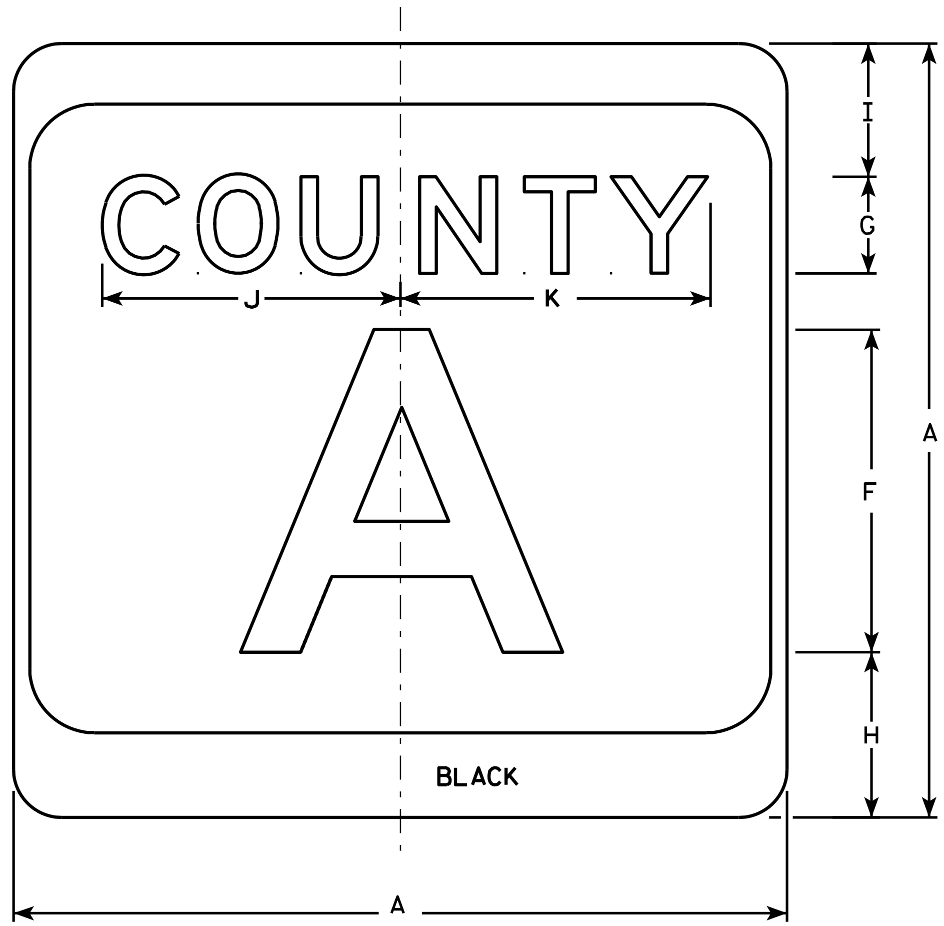
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

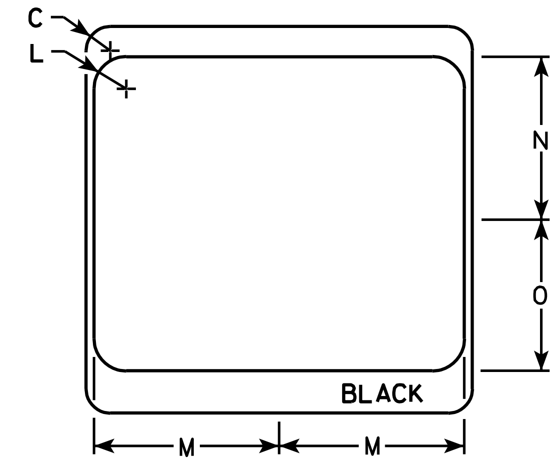
DATE 9/30/09 PLATE NO. G20-2A.8

7

7

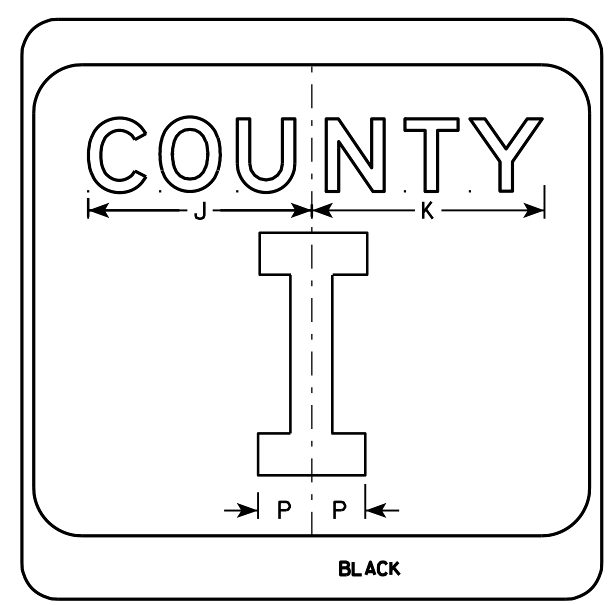


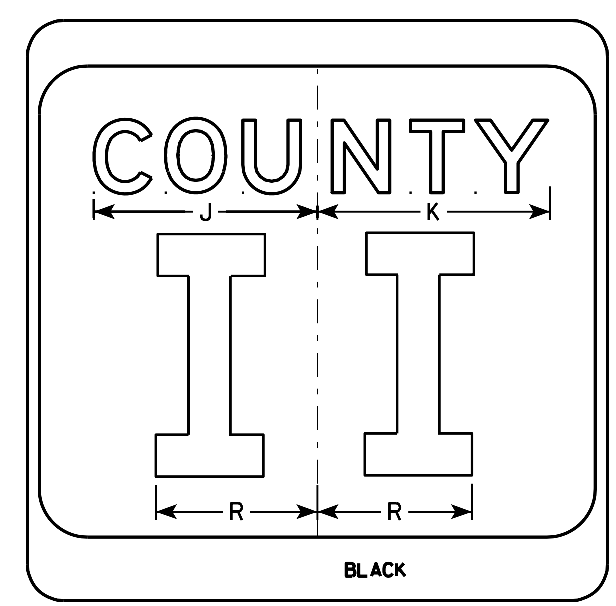
M1-5A



NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective





SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

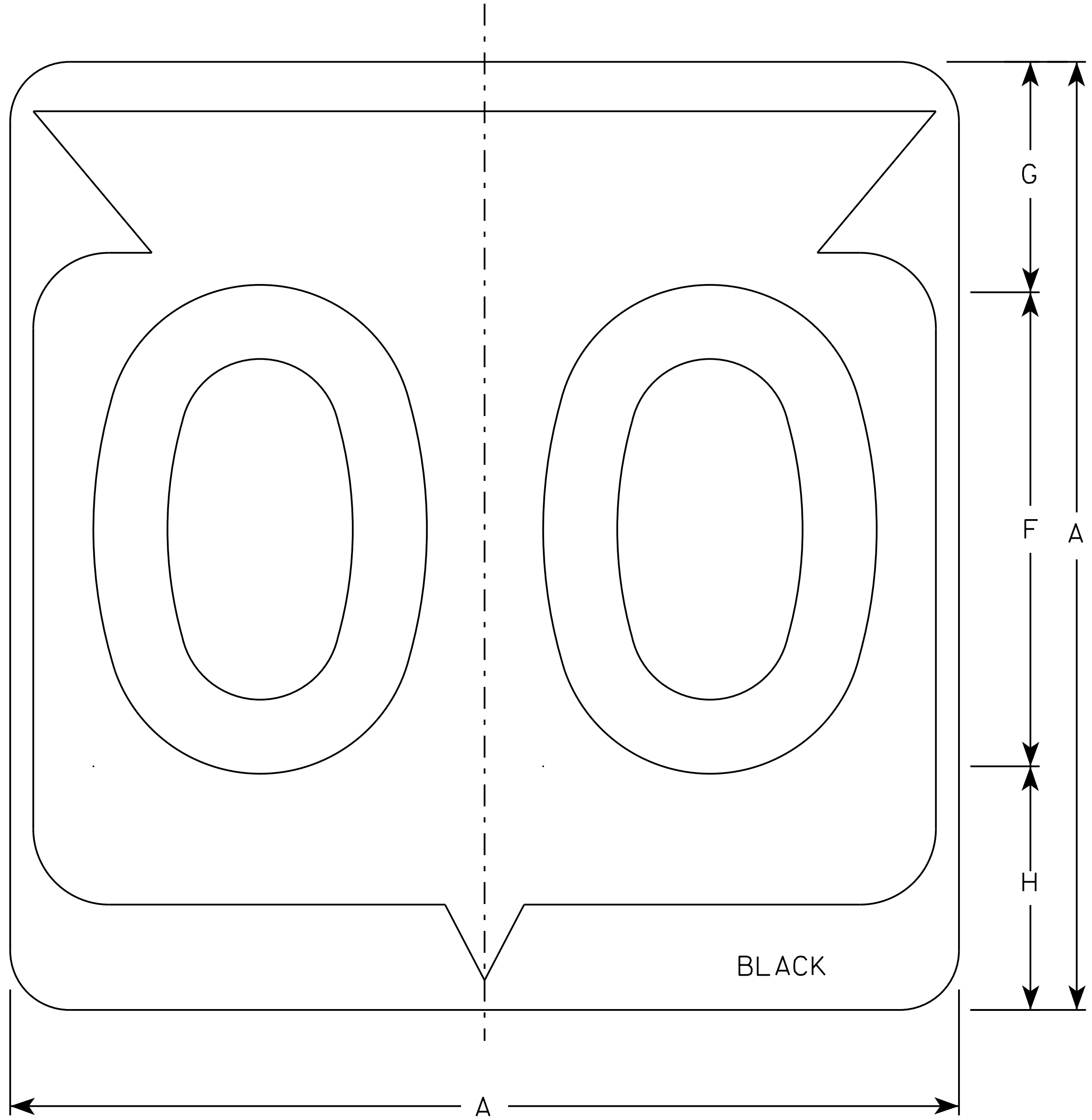
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

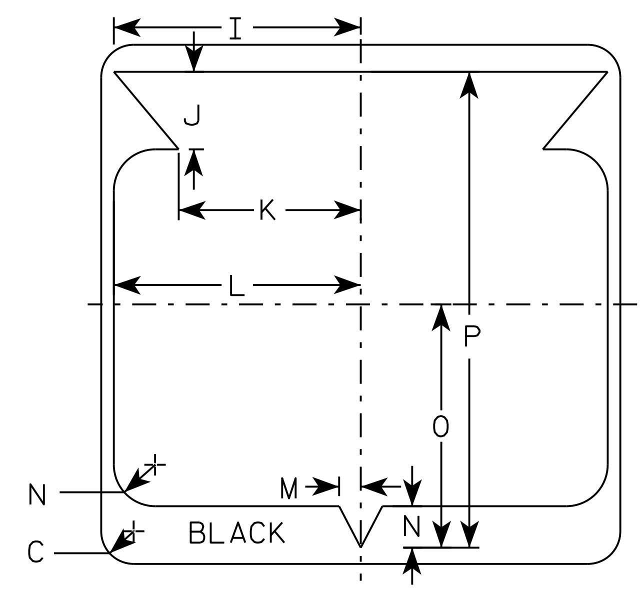
DATE 9/27/11 PLATE NO. M1-5A.8

7 7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 232 | E



M1-6



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

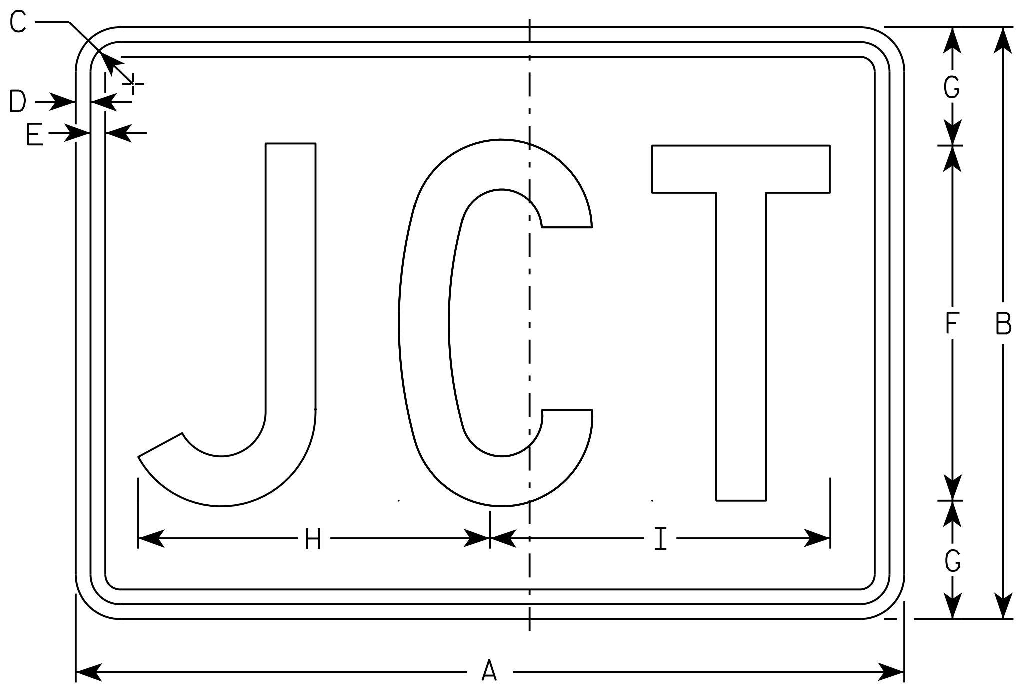
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

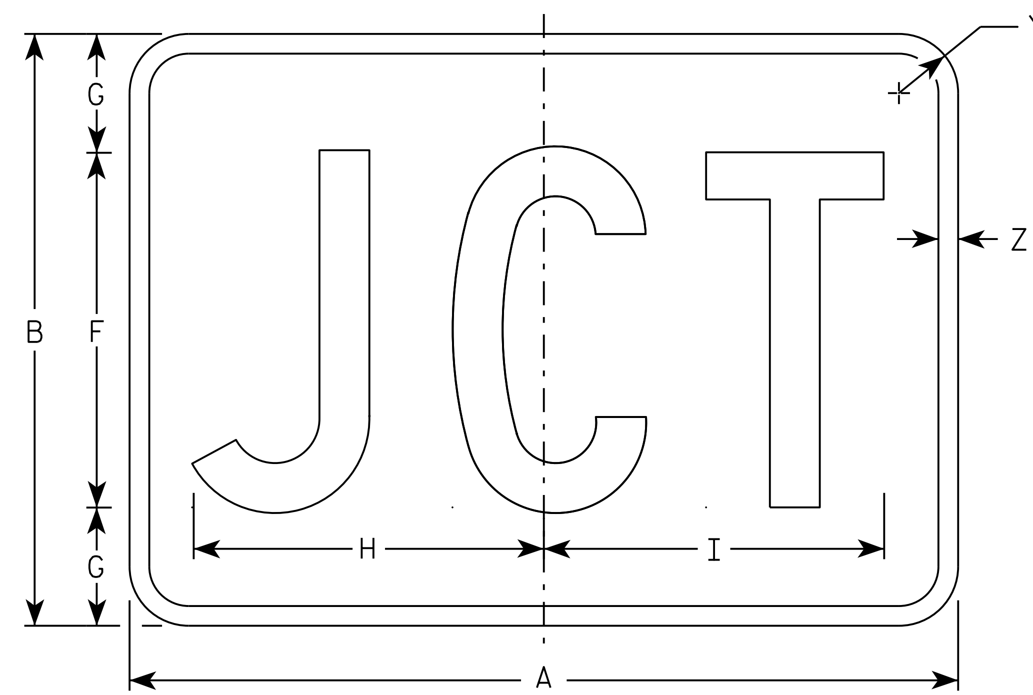
DATE 3/16/18 PLATE NO. M1-6.10

PROJECT NO: HWY: COUNTY: SHEET NO: 233 E

7



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40

STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

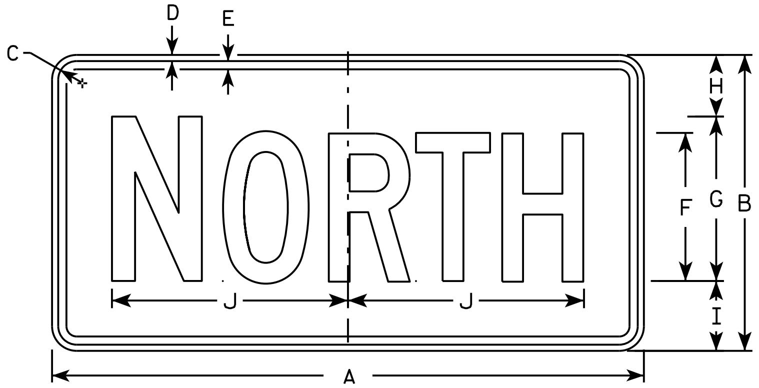
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE M2-1.12

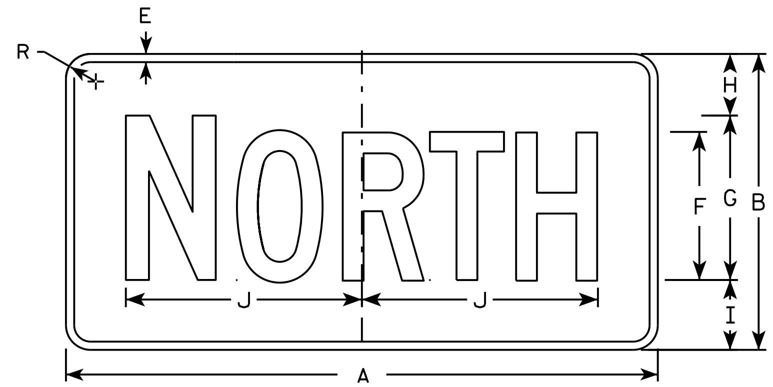
PROJECT NO: HWY: COUNTY: SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M21.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 4.864603:1.000000

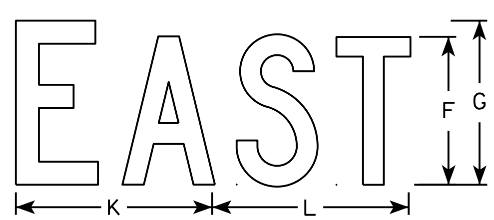
7



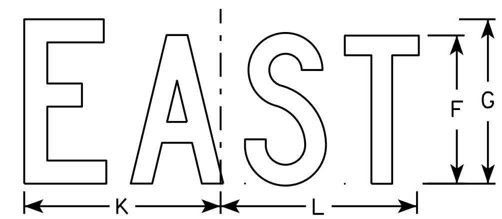
M3-1
MM3-1
MP3-1



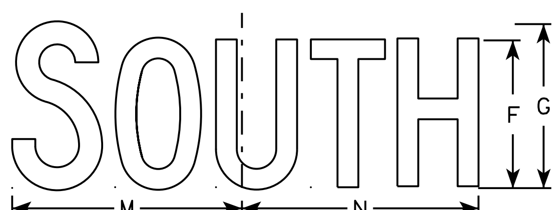
MB3-1
MK3-1
MN3-1



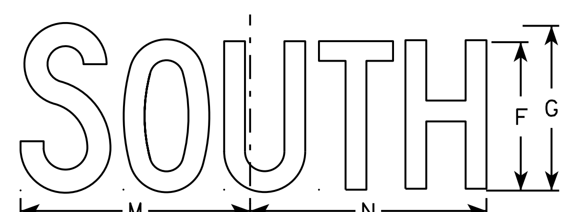
M3-2
MM3-2
MP3-2



MB3-2
MK3-2
MN3-2

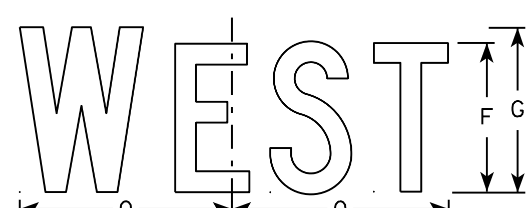


M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3

M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

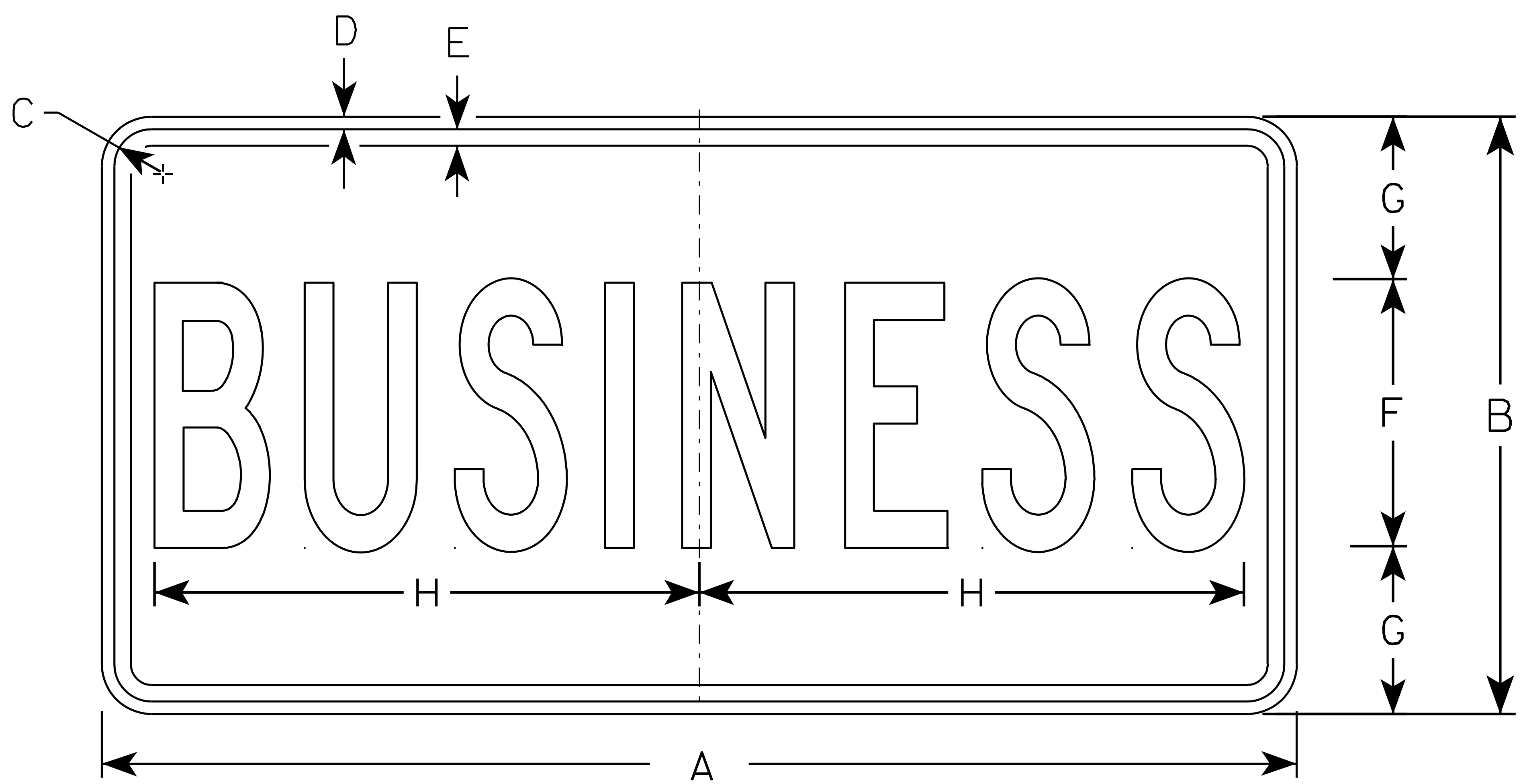
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE NO. M3-1.14

PROJECT NO: HWY: COUNTY: SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



M4 - 3

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White - See Note 5
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Permanent Signs
   Background - Type H Reflective
   Detour or other temporary Signs
   Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	5	3 1/2	9 5/8																			2.0
3	36	18	1 1/8	3/8	1/2	8	5	16 3/8																			4.5
4																											
5																											

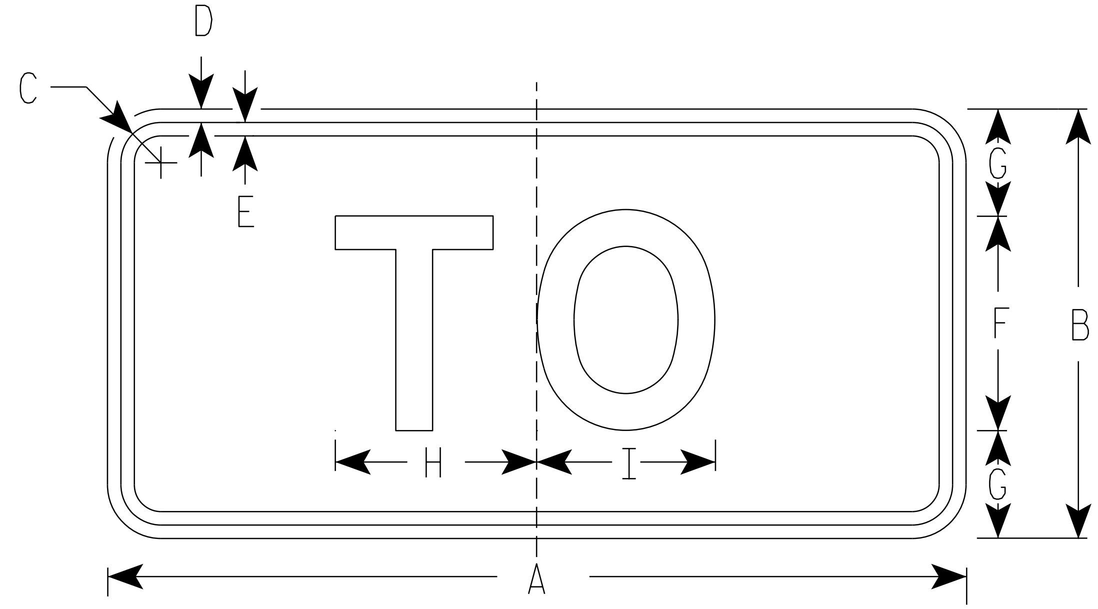
STANDARD SIGN
M4 - 3

WISCONSIN DEPT OF TRANSPORTATION

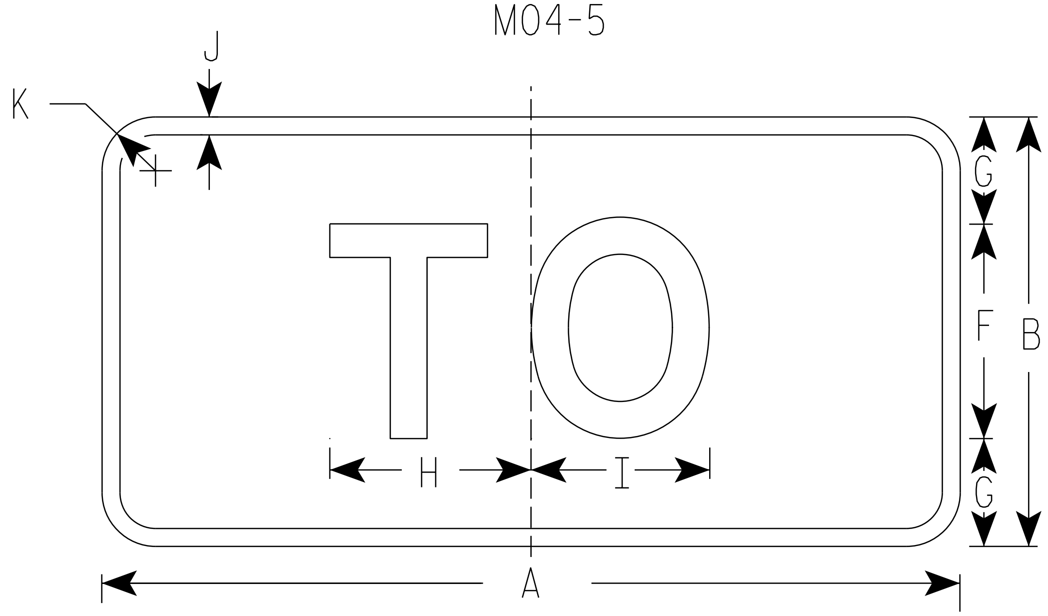
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-3.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 236 | E



M4-5
MM4-5
MP4-5
MO4-5



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
   MO4-5 Background - Orange Type F Reflective
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	5 3/8	5 1/4	1/2	1 1/2																2.00
3	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
4	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
5	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5

STANDARD SIGN
M4-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

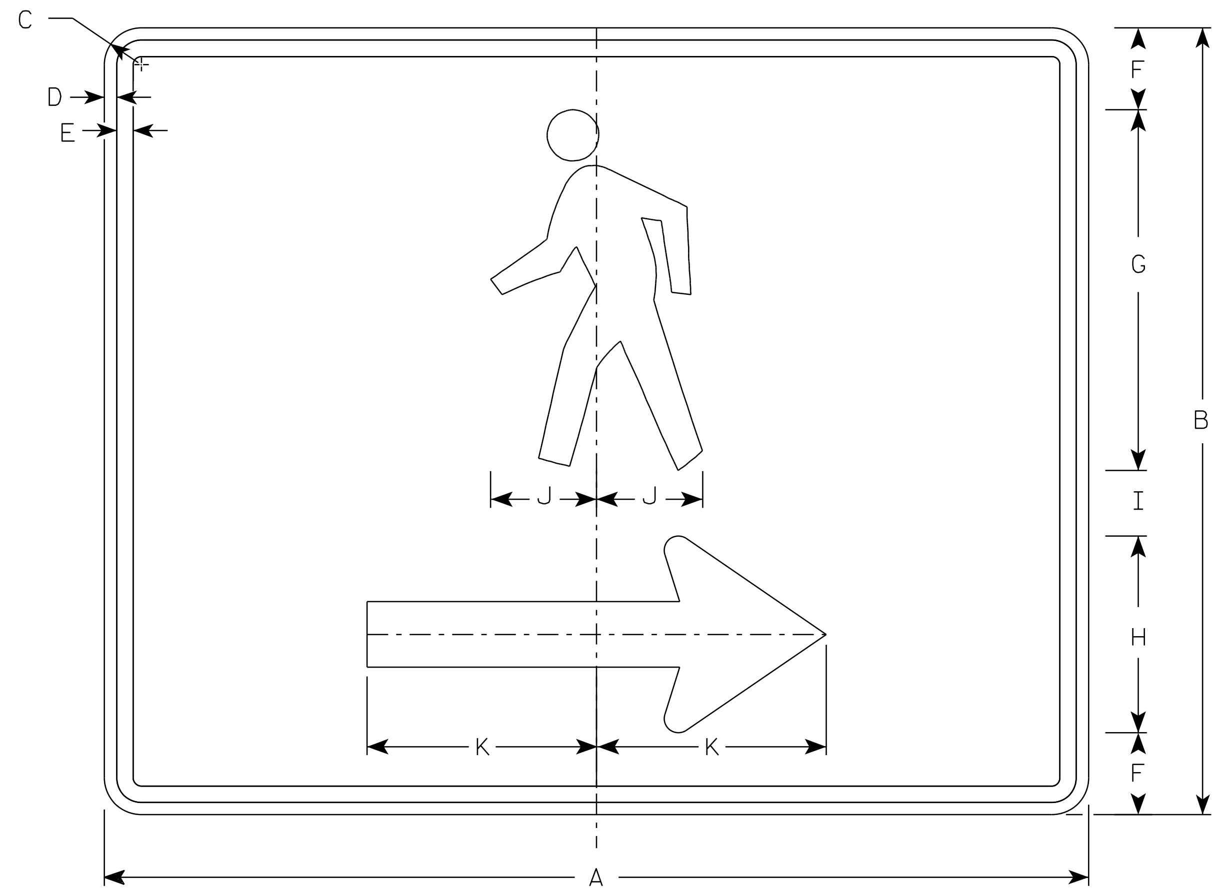
DATE 03/7/19 PLATE NO. M4-5.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 237 | E

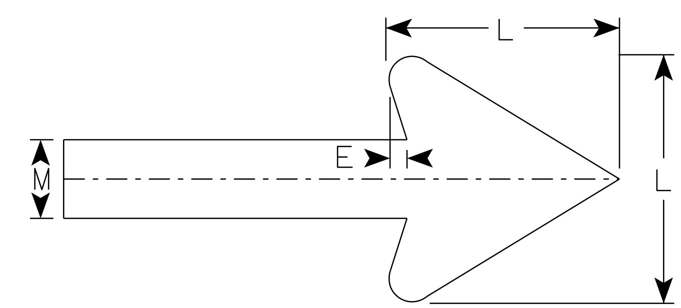
7 7

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																											
2	30	24	1 1/8	3/8	1/2	2 1/2	11	6	2	3 1/4	7	6	2														5.00
3																											
4																											
5																											

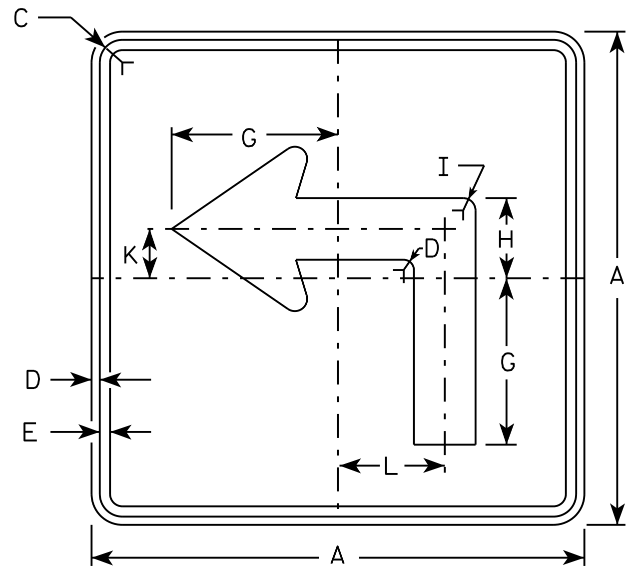
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

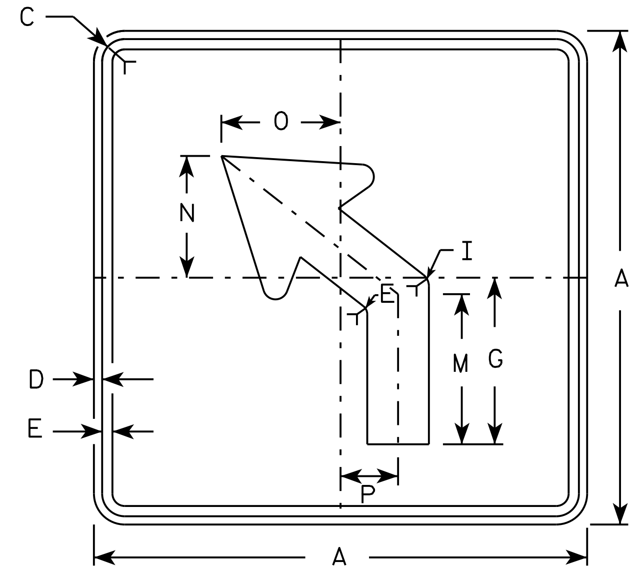
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/16/2021 PLATE NO. M4-60.1

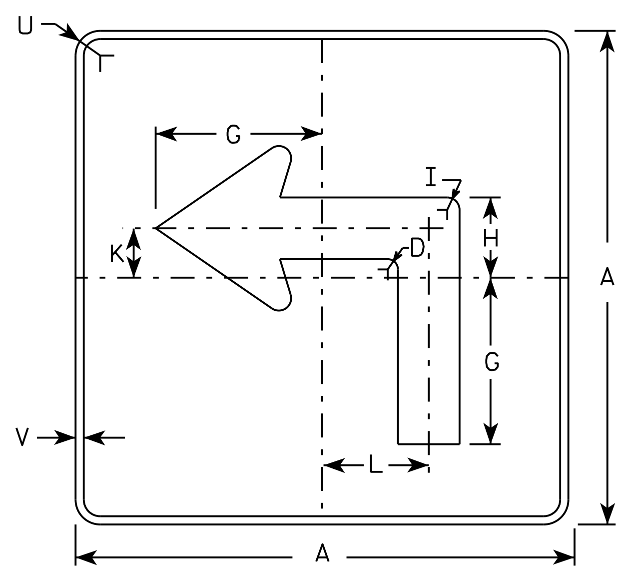
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 238 | E



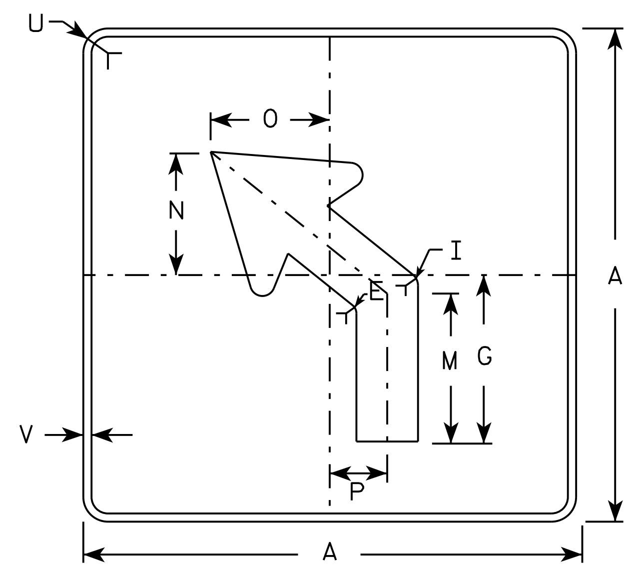
M5-1L
MM5-1L
MO5-1L
MP5-1L



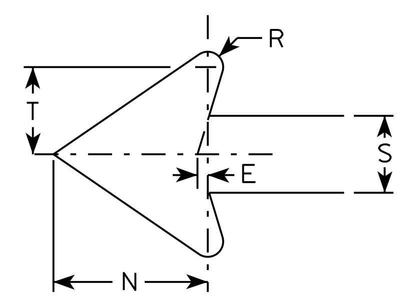
M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

STANDARD SIGN
M5-1 & M5-2

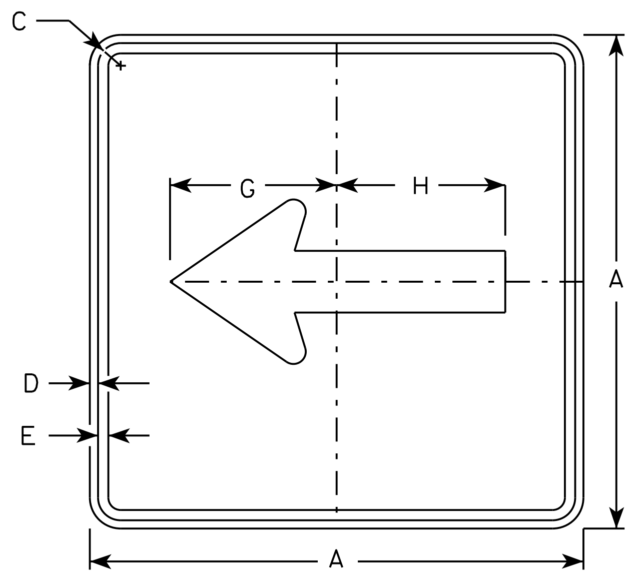
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

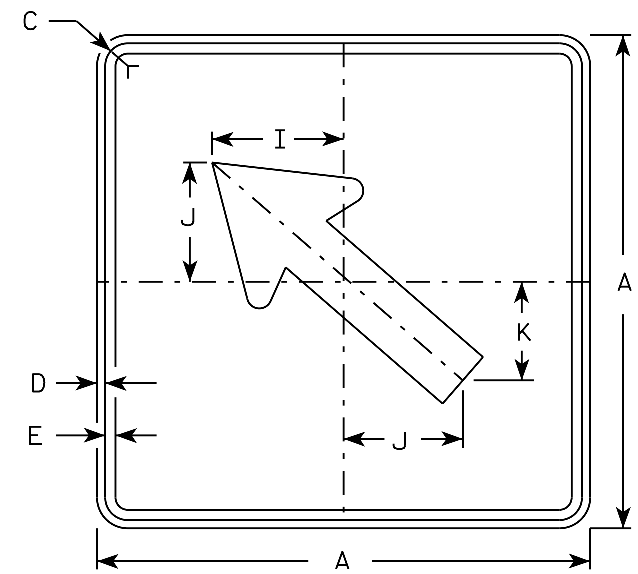
DATE 10/15/15 PLATE NO. M5-1.13

PROJECT NO: HWY: COUNTY: SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M51.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



M6 - 1
MM6 - 1
MO6 - 1
MP6 - 1



M6 - 2
MM6 - 2
MO6 - 2
MP6 - 2

NOTES

1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black

   MB6-1 and MB6-2 Background - Blue
   Message - White

   MK6-1 and MK6-2 Background - Green
   Message - White

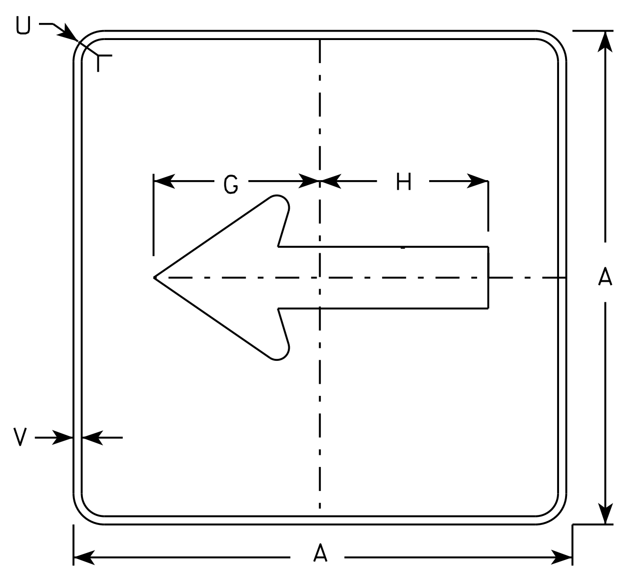
   MM6-1 and MM6-2 Background - White
   Message - Green

   MN6-1 and MN6-2 Background - Brown
   Message - White

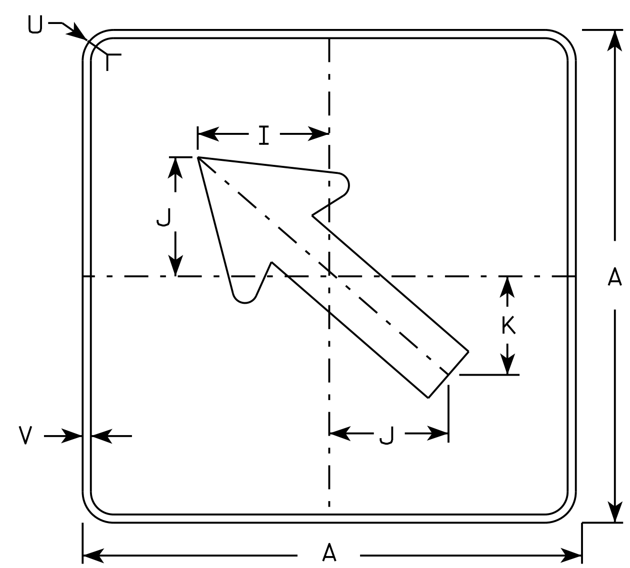
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black

   MP6-1 and MP6-2 Background - White
   Message - Blue

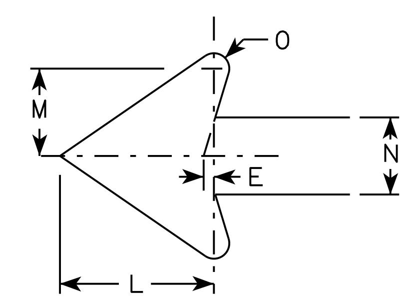
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6 - 1
MK6 - 1
MN6 - 1
MR6 - 1



MB6 - 2
MK6 - 2
MN6 - 2
MR6 - 2



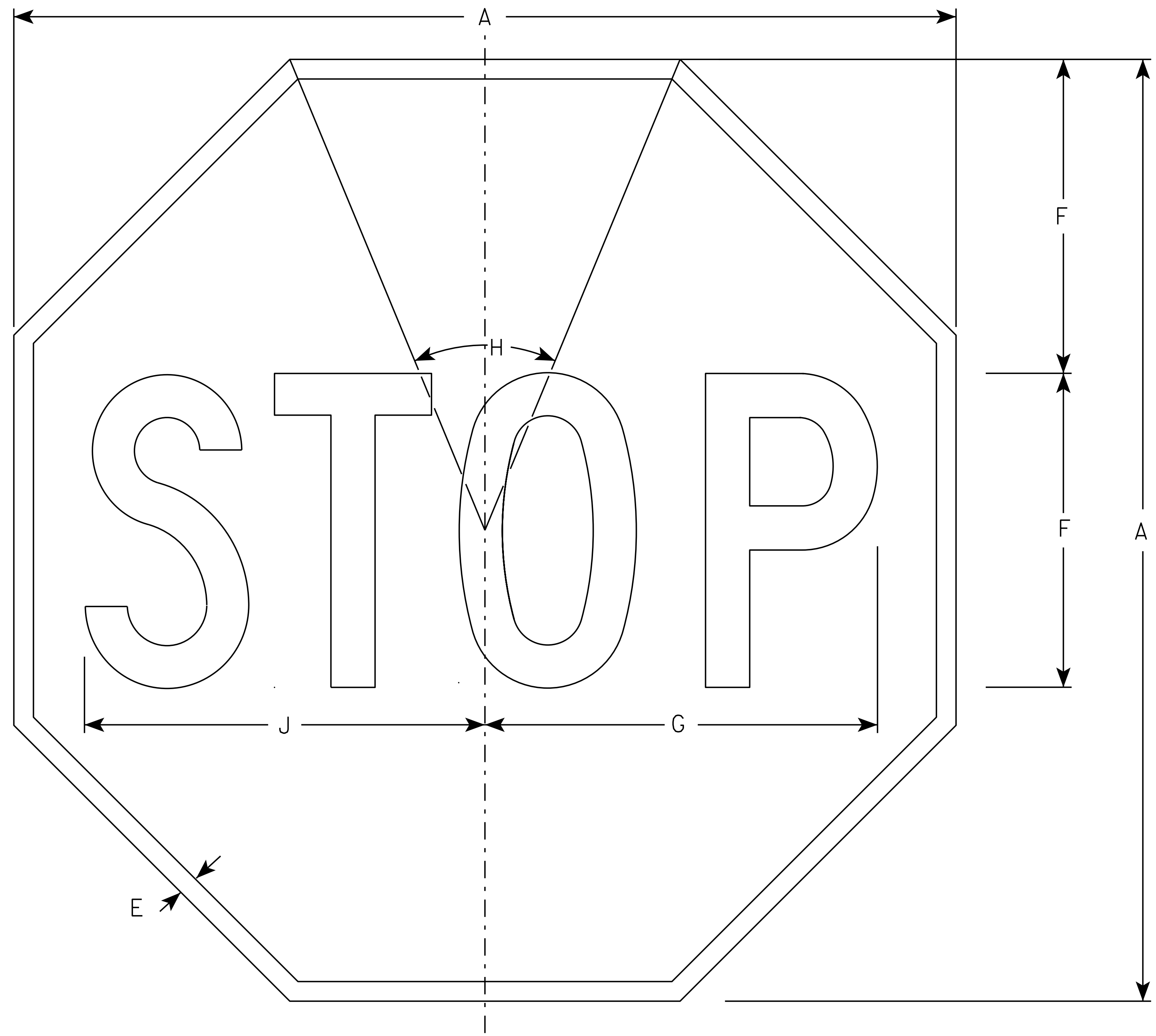
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25

STANDARD SIGN
M6 - 1 & M6 - 2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE M6-1.15



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

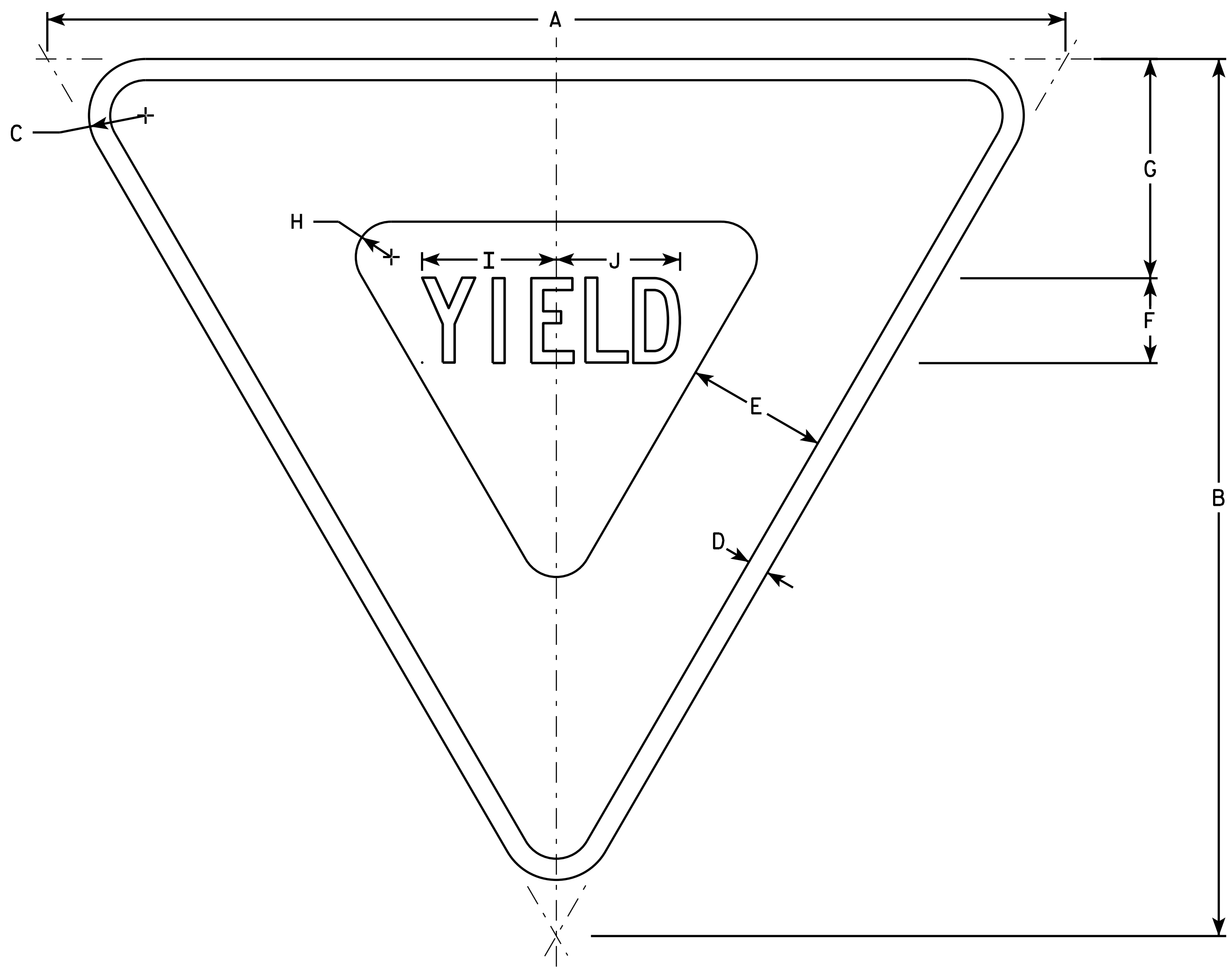
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 241 | E

7

7



R1-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 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. The border strip and word message are reflectorized 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	30	26	1 1/2	5/8	4	2 1/2	6 3/8	7/8	4	3 5/8																	2.71
2S	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
6																											
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 7/8	5/8	2 3/8	2 1/4																	0.97

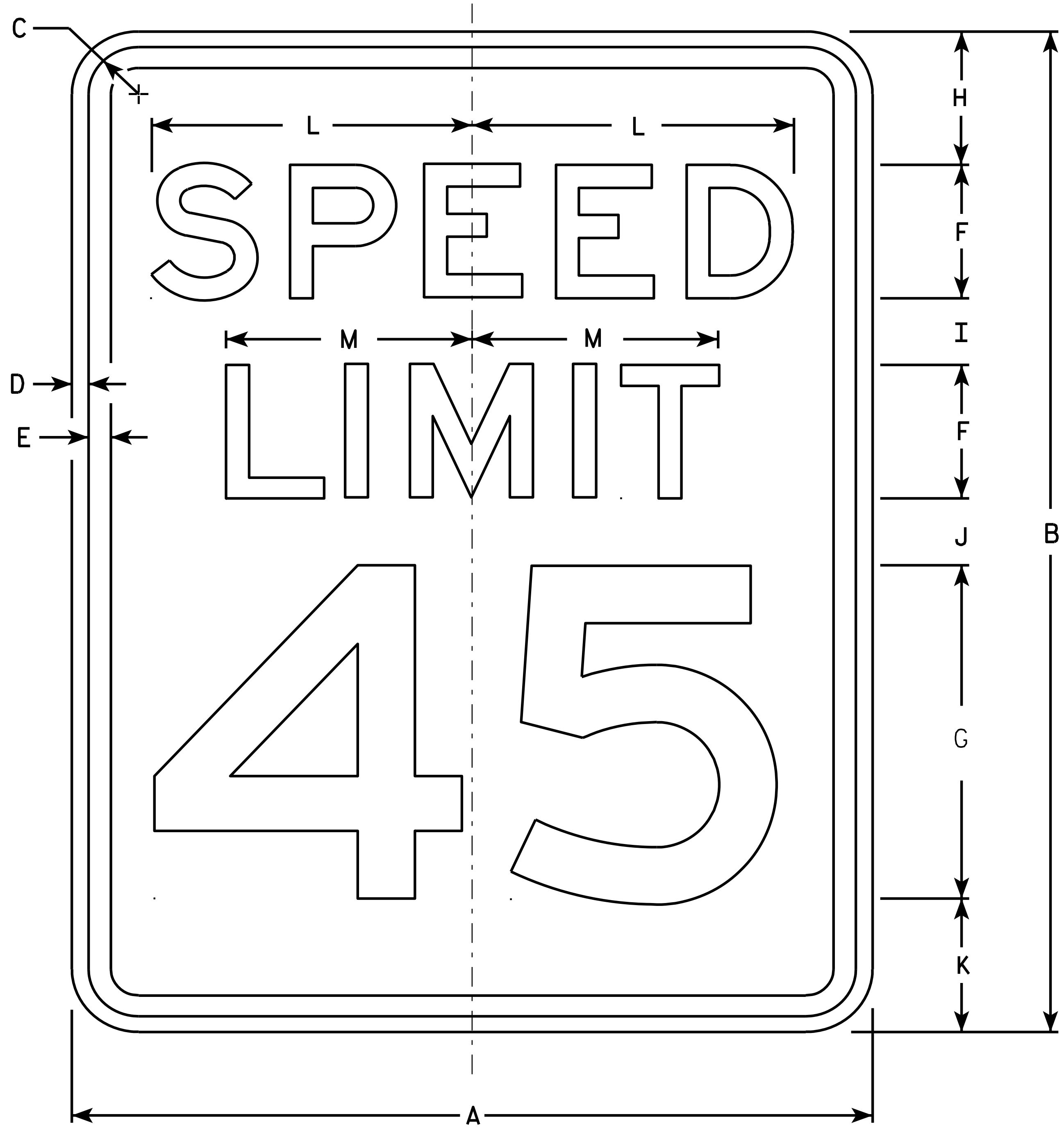
STANDARD SIGN
R1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/13/14 PLATE R1-2.12

PROJECT NO: HWY: COUNTY: SHEET NO: E



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

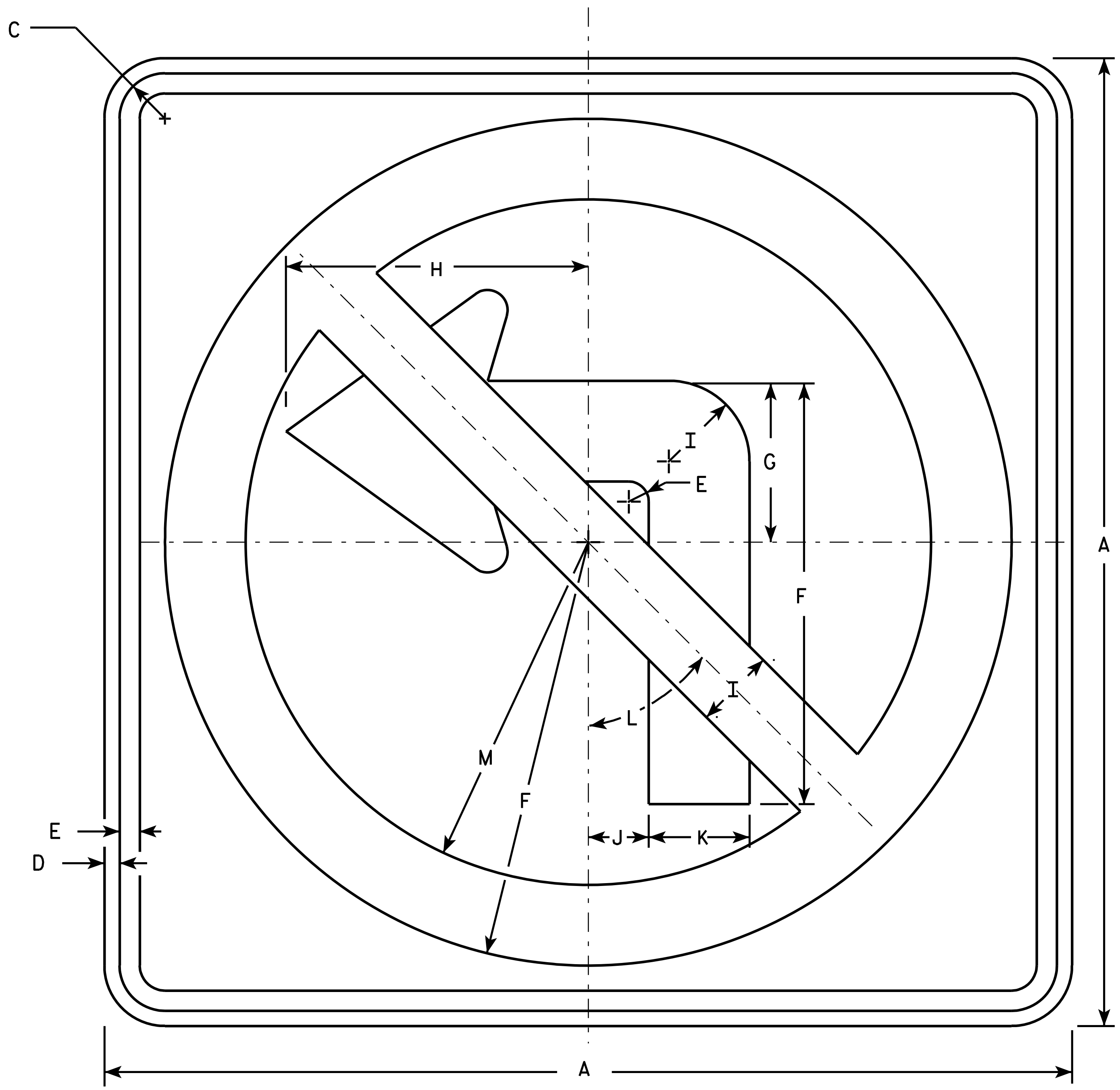
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

7

7

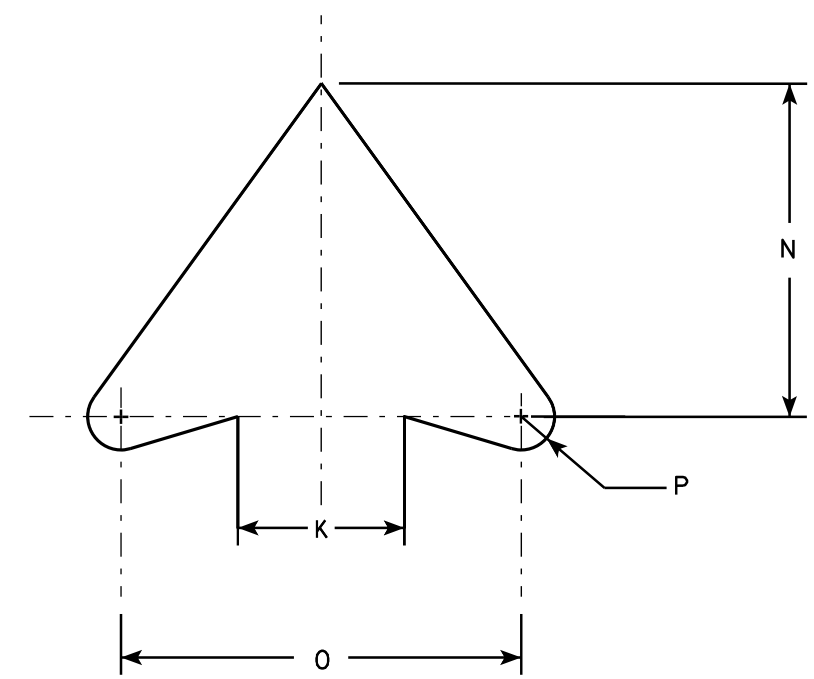
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 243 | E



R3-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

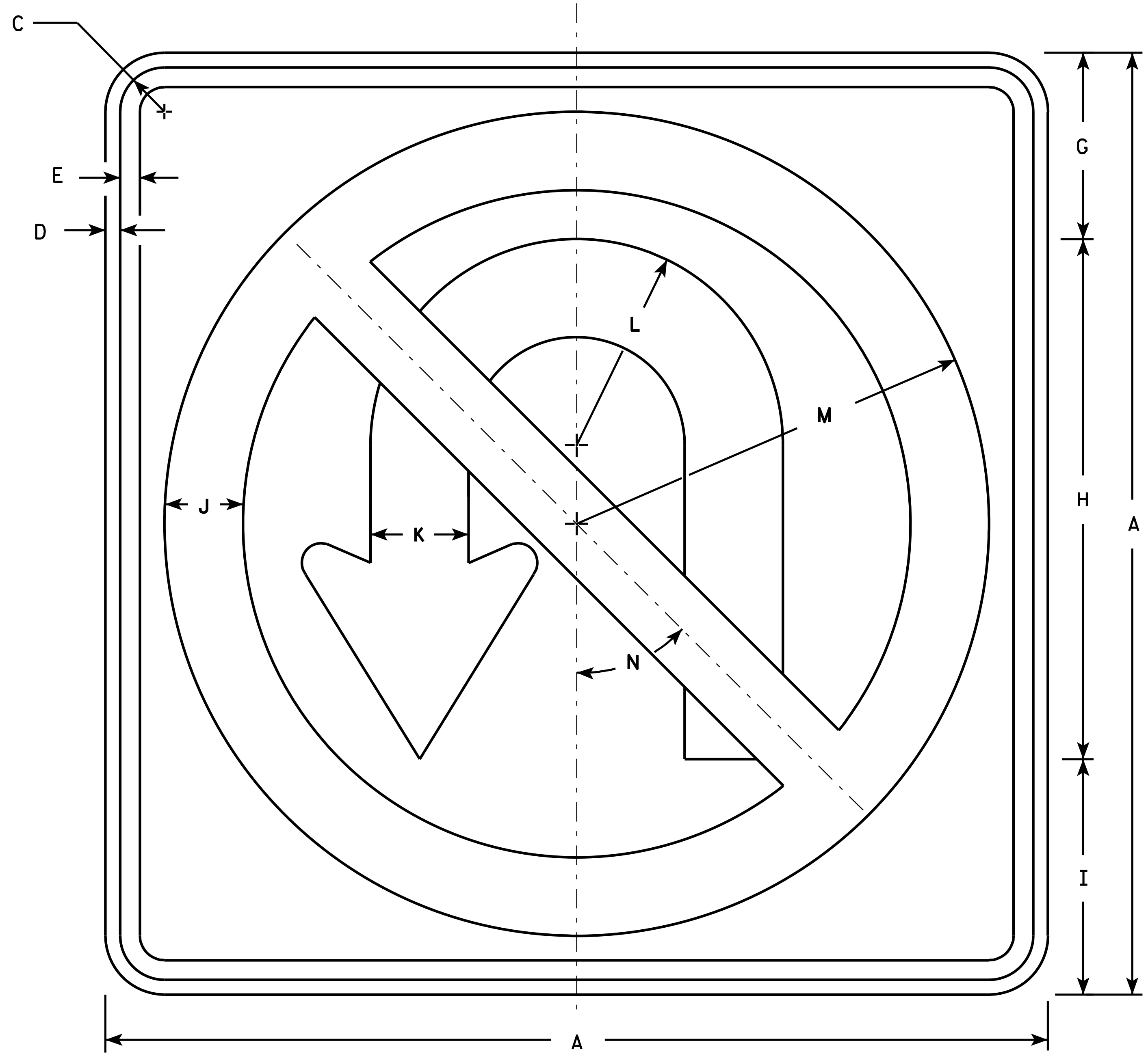
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-2.10

PROJECT NO: HWY: COUNTY: SHEET NO: 244 E

7 7

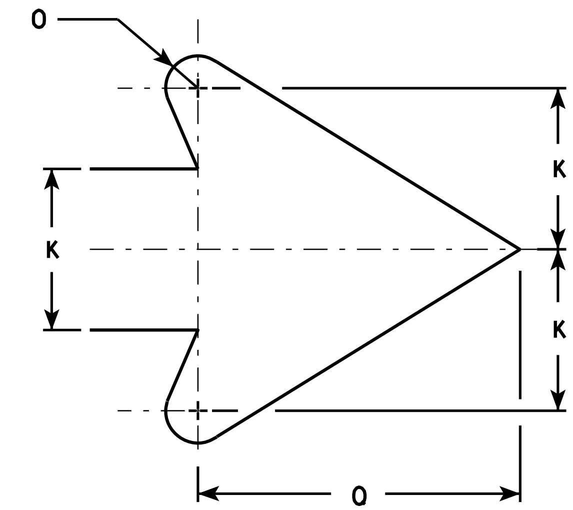
FILE NAME : C:\Users\PROJECTS\tr_stdplate\R32.DGN PLOT DATE : 08-DEC-2010 14:41 PLOT BY : dotsjo PLOT NAME : PLOT SCALE : 5.760408:1.000000 WISDOT/CADDS SHEET 42



R3-4

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/8	3/8	1/2		4 3/4	13 1/4	6	2	2 1/2	5 1/4	10 1/2	45°	1/2		5										4.0
2M	36		1 5/8	5/8	3/4		7 1/8	19 7/8	9	3	3 3/4	7 7/8	15 3/4	45°	3/4		7 5/8										9.0
3	36		1 5/8	5/8	3/4		7 1/8	19 7/8	9	3	3 3/4	7 7/8	15 3/4	45°	3/4		7 5/8										9.0
4	36		1 5/8	5/8	3/4		7 1/8	19 7/8	9	3	3 3/4	7 7/8	15 3/4	45°	3/4		7 5/8										9.0
5	36		1 5/8	5/8	3/4		7 1/8	19 7/8	9	3	3 3/4	7 7/8	15 3/4	45°	3/4		7 5/8										9.0

STANDARD SIGN
R3-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

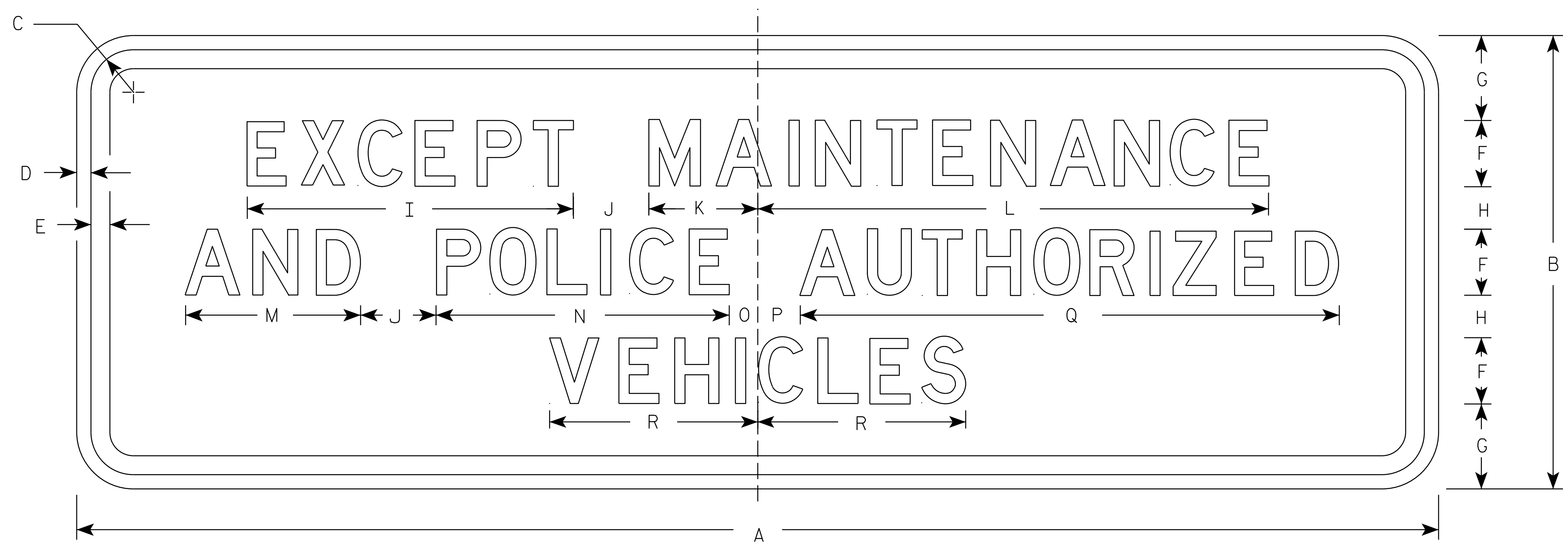
DATE 12/08/10 PLATE NO. R3-4.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 245 | E

7

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R3-4A

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																											
2M	36	12	1 3/8	1/2	3/8	1 3/4	2 1/4	1 1/8	8 5/8	2	2 7/8	13 1/2	4 5/8	7 3/4	3/4	1 1/8	14 1/4	5 1/2									3.0
3	36	12	1 3/8	1/2	3/8	1 3/4	2 1/4	1 1/8	8 5/8	2	2 7/8	13 1/2	4 5/8	7 3/4	3/4	1 1/8	14 1/4	5 1/2									3.0
4	36	12	1 3/8	1/2	3/8	1 3/4	2 1/4	1 1/8	8 5/8	2	2 7/8	13 1/2	4 5/8	7 3/4	3/4	1 1/8	14 1/4	5 1/2									3.0
5	36	12	1 3/8	1/2	3/8	1 3/4	2 1/4	1 1/8	8 5/8	2	2 7/8	13 1/2	4 5/8	7 3/4	3/4	1 1/8	14 1/4	5 1/2									3.0

STANDARD SIGN
R3-4A

WISCONSIN DEPT OF TRANSPORTATION

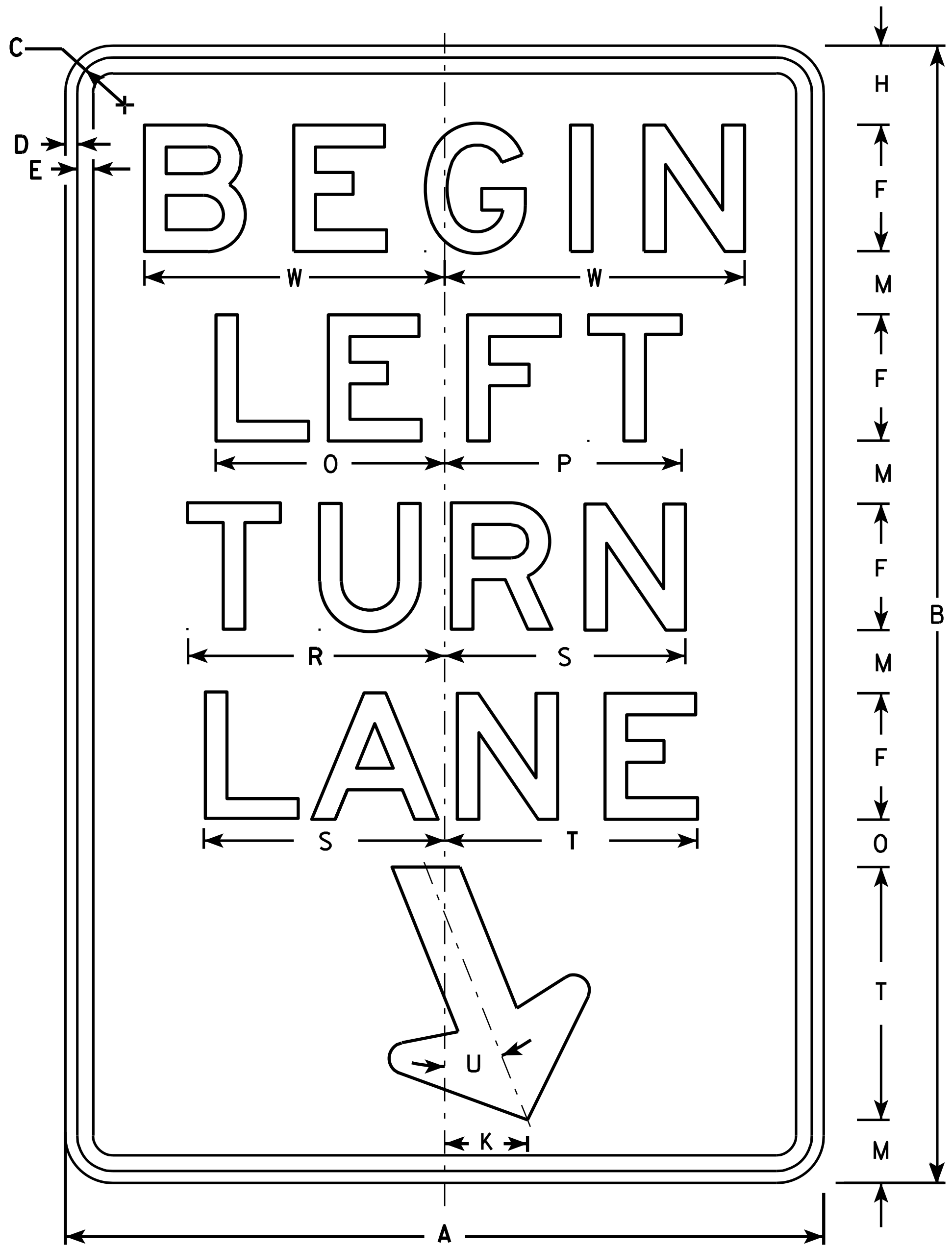
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/18/19 PLATE NO. R3-4A.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 246 | E

7

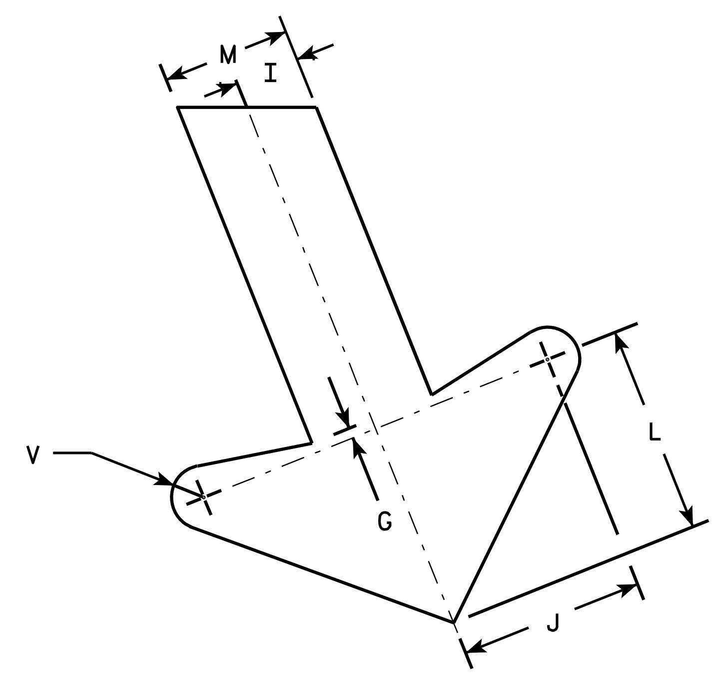
7



R3-20L

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/8	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 1/8	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 3/4	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

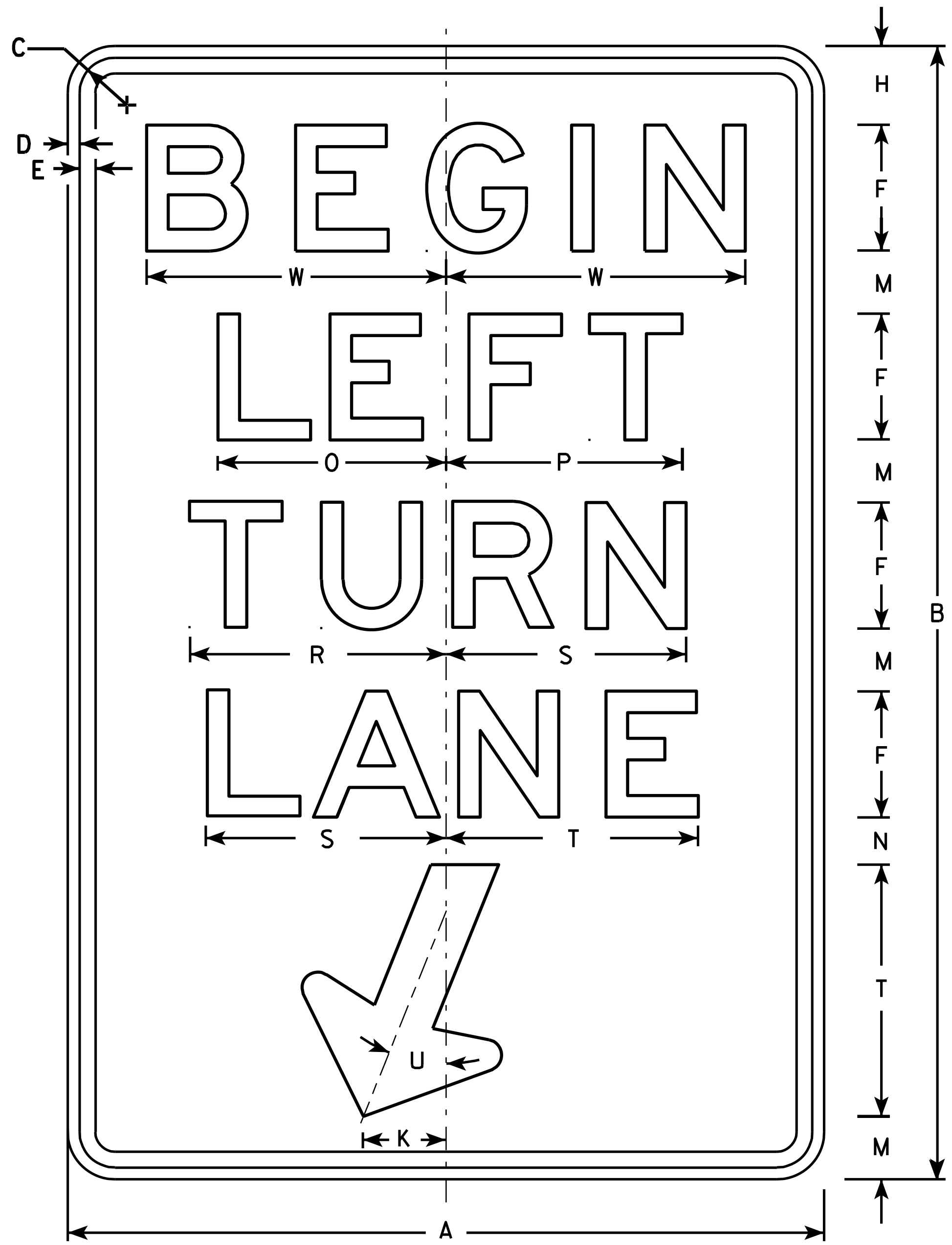
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20L.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 247 | E

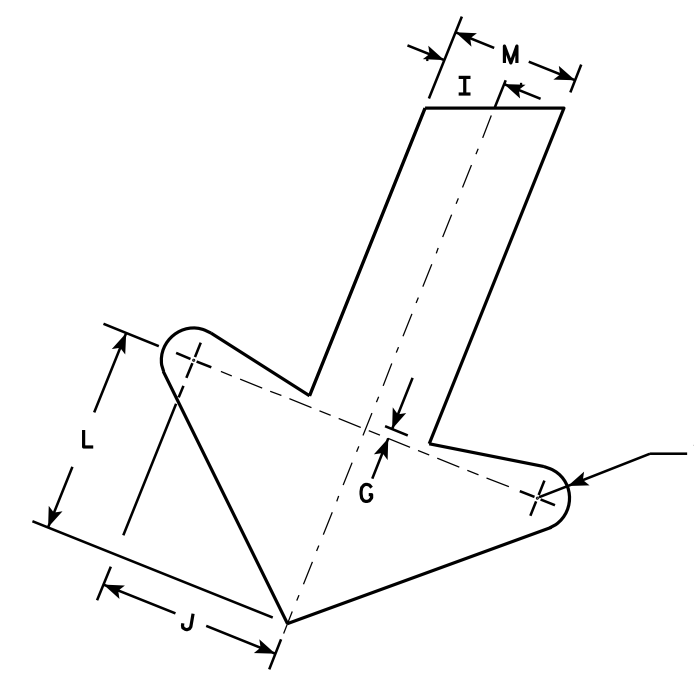
7



R3-20LL

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



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 1/8	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 1/8	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 3/4	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																											

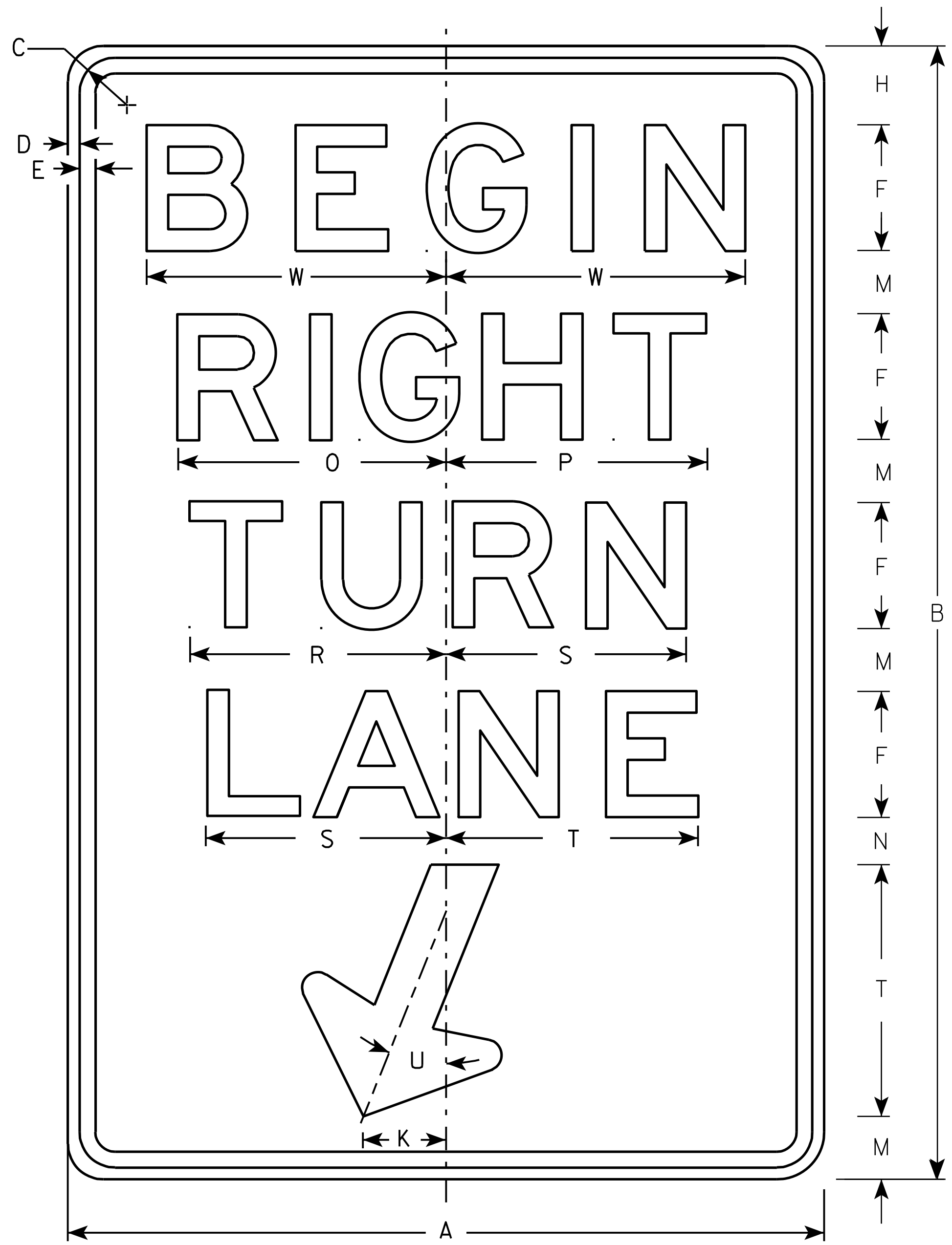
STANDARD SIGN
R3-20LL

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20LL.1

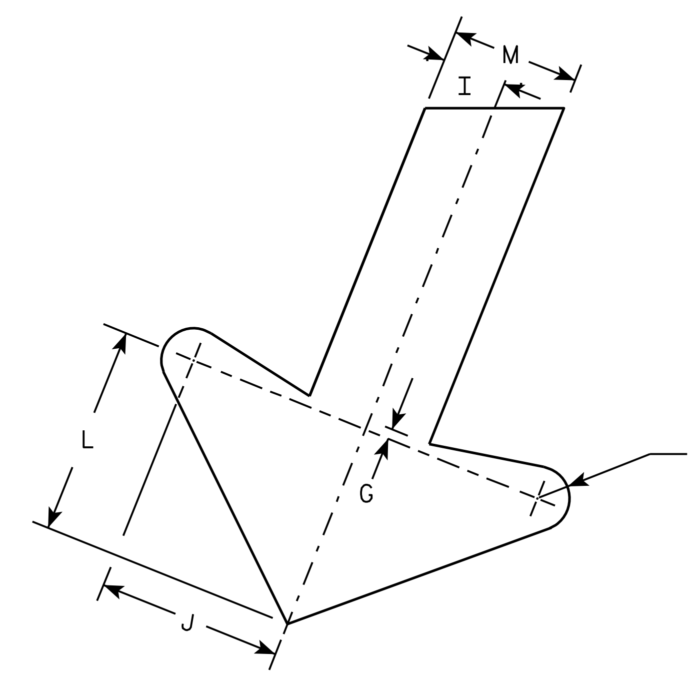
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 248 | E



R3-20R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



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 1/8	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 1/8	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 3/4	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

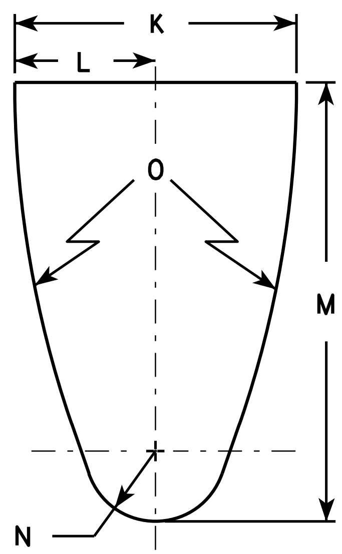
STANDARD SIGN
R3-20R

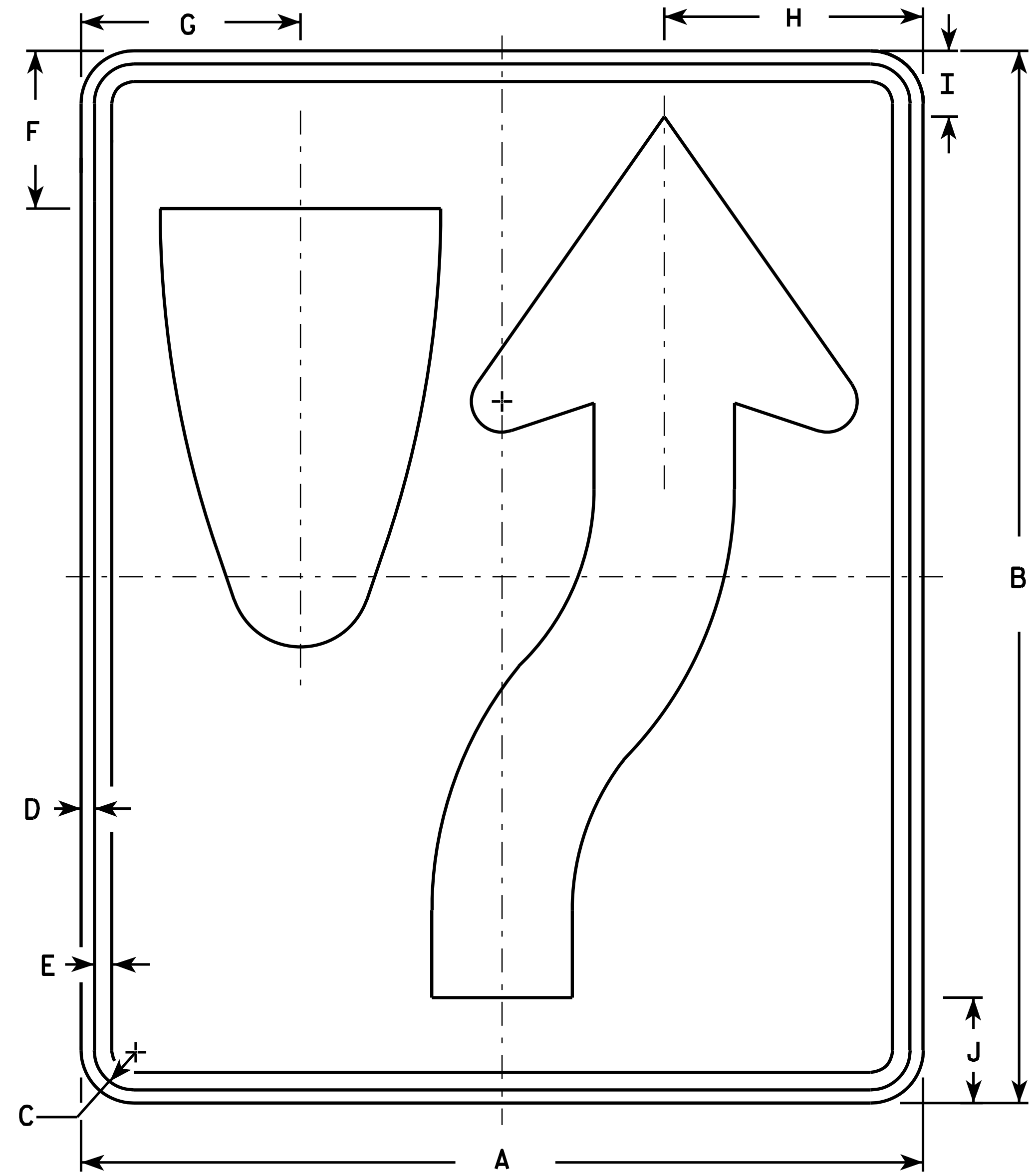
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20R.6

7 7

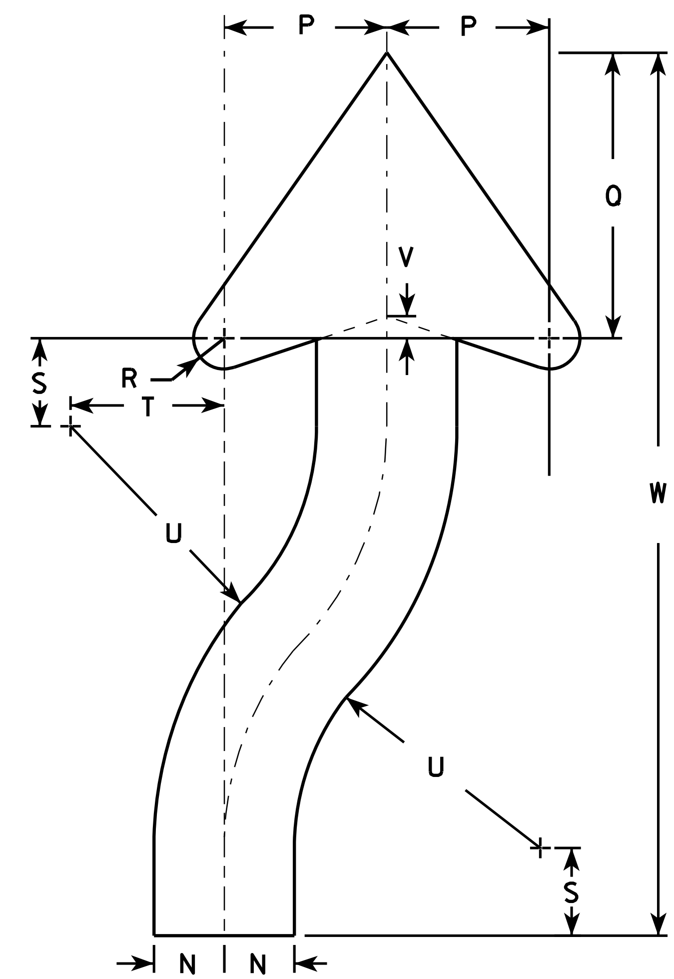




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend 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	18	24	1 1/8	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 1/8	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 1/8	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 3/4	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 3/4	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	2 1/4	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

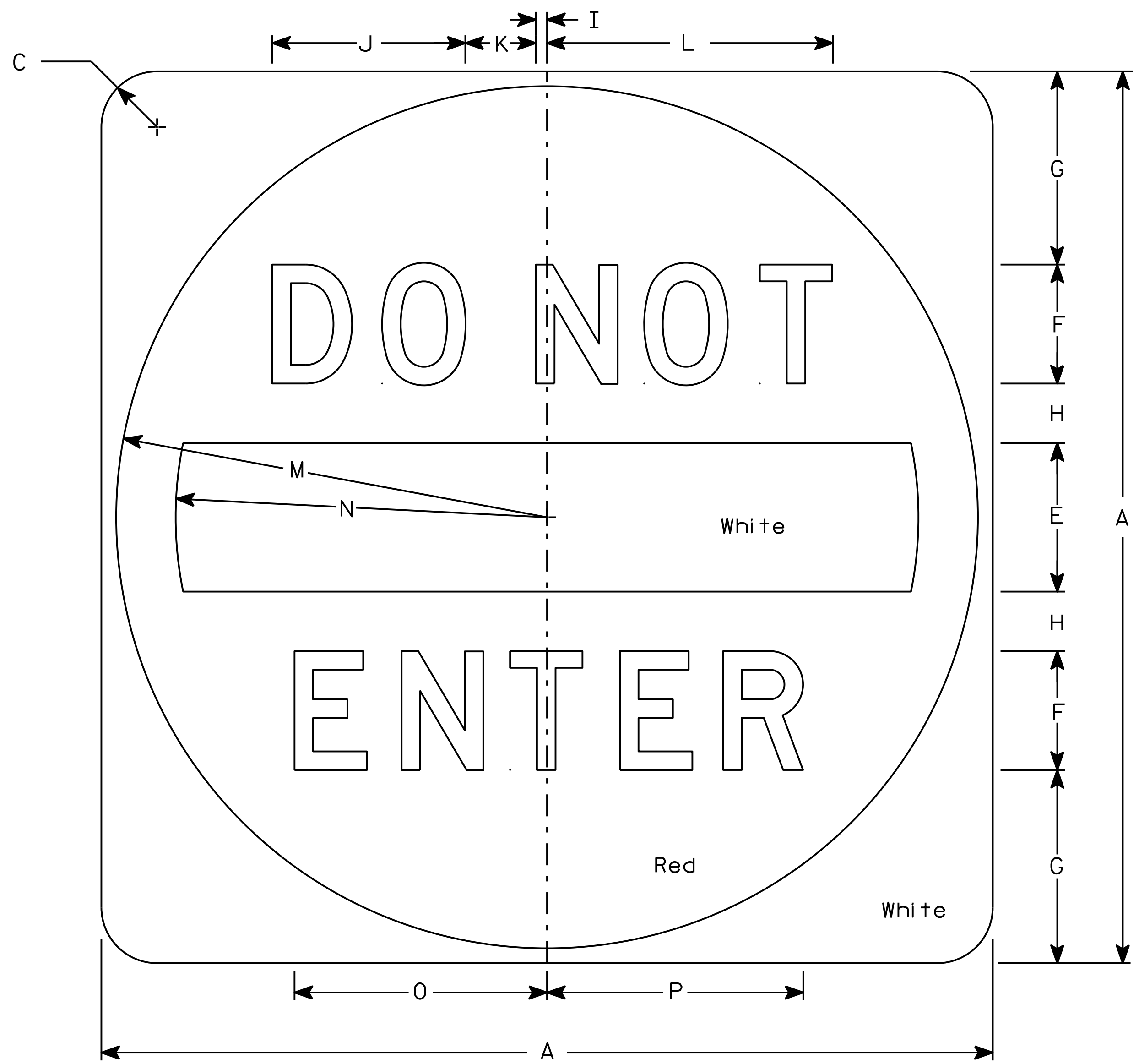
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

PROJECT NO: HWY: COUNTY: SHEET NO: 250 E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See detail
   Message - White
3. Message Series - D



R5-1

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

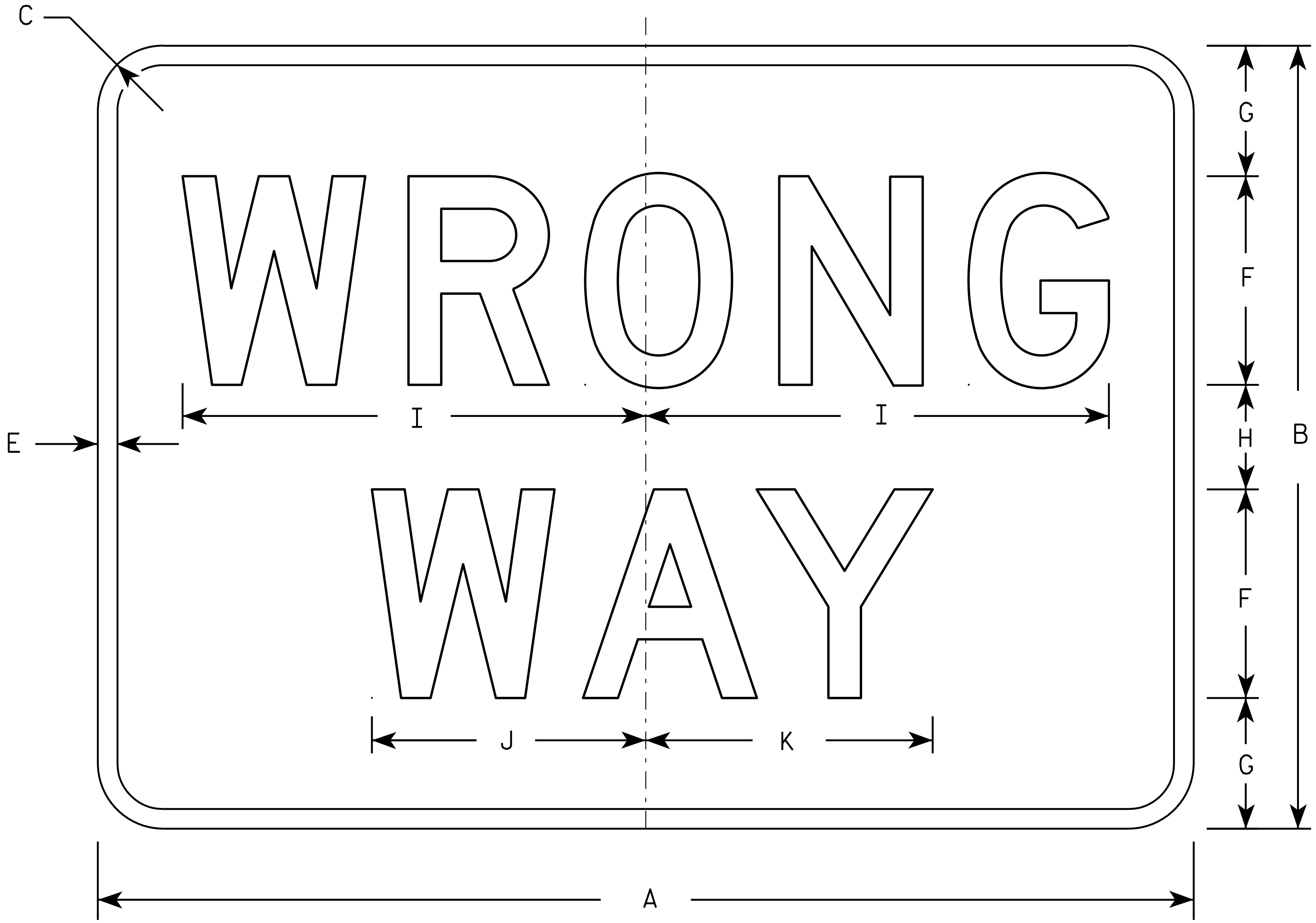
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/18 PLATE NO. R5-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 251 | E

7

7



R5-1A

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75

STANDARD SIGN
R5-1A

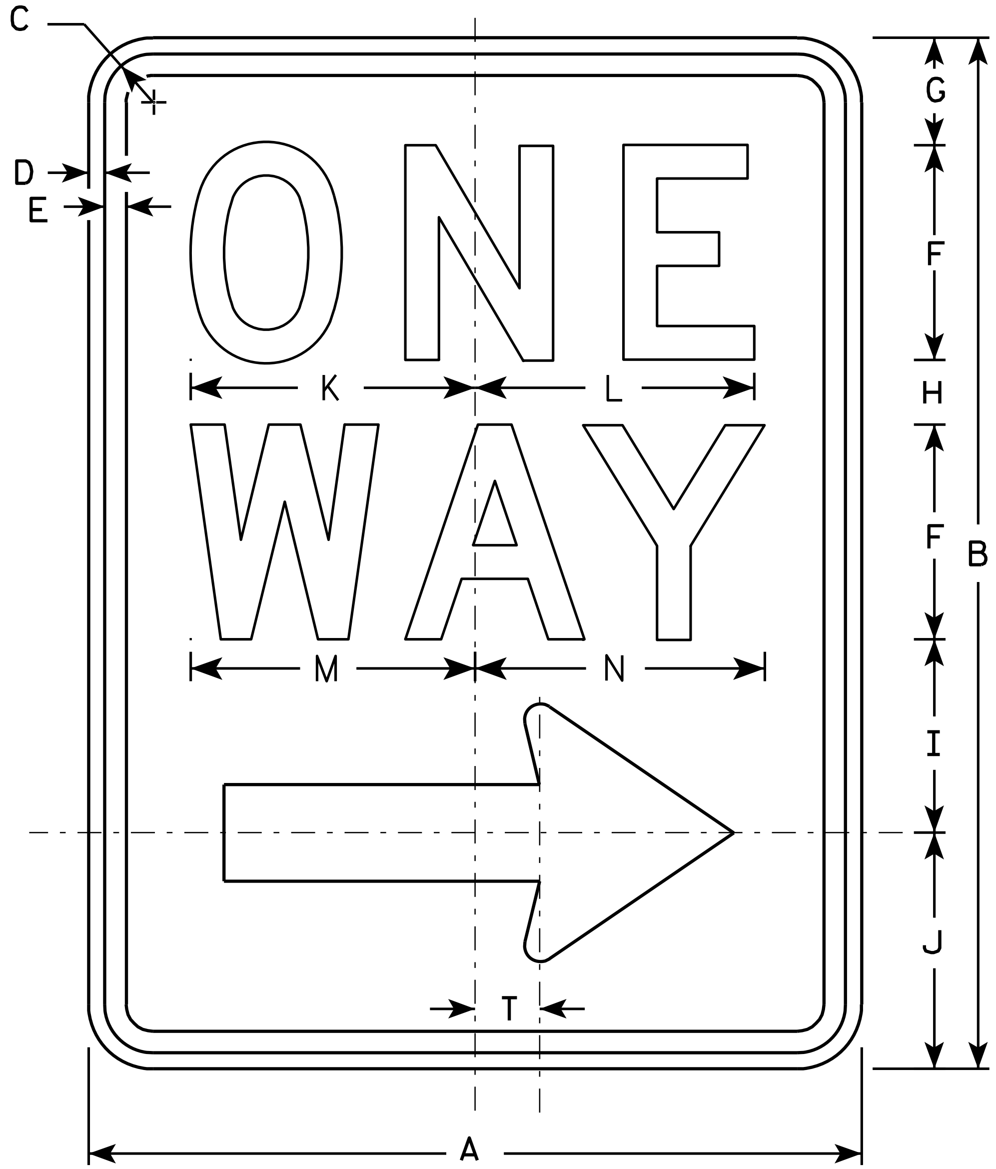
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

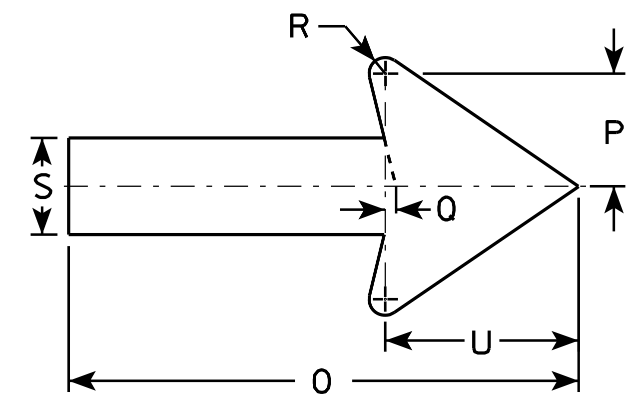
DATE 12/17/10 PLATE NO. R5-1A.2

7

7



R6-2R



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R6-2L same as R6-2R except arrow points to the left.

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 1/8	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	30	1 1/8	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 3/8	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																										

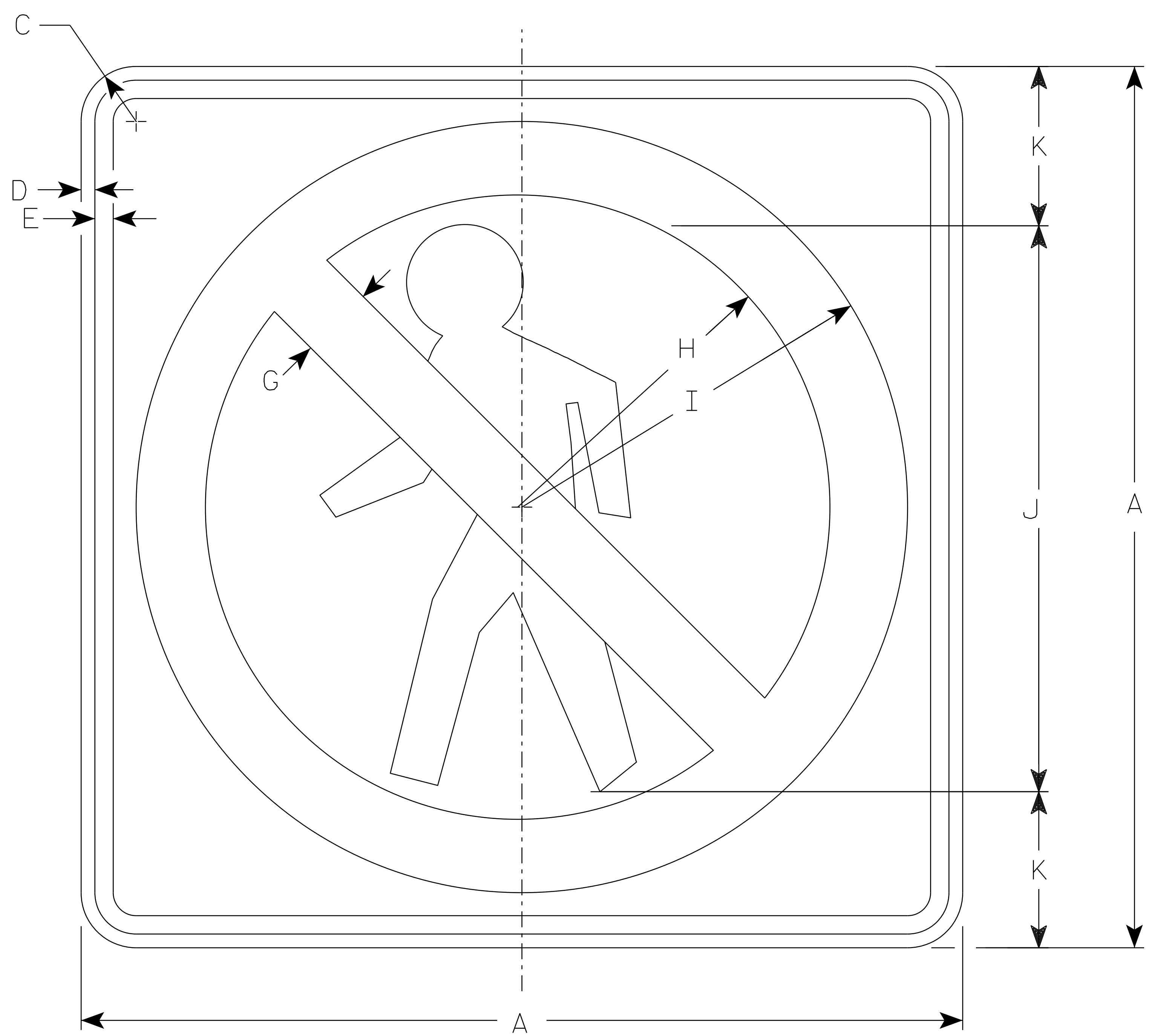
STANDARD SIGN
R6-2 R&L

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: 253 | 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 1/8	3/8	3/8		1 1/2	6 1/4	7 7/8	12	3																2.25
2S	24		1 1/8	3/8	1/2		2	8 1/2	10 1/2	15	4																4.00
2M	24		1 1/8	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 12/22/21 PLATE NO. R9-3A.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

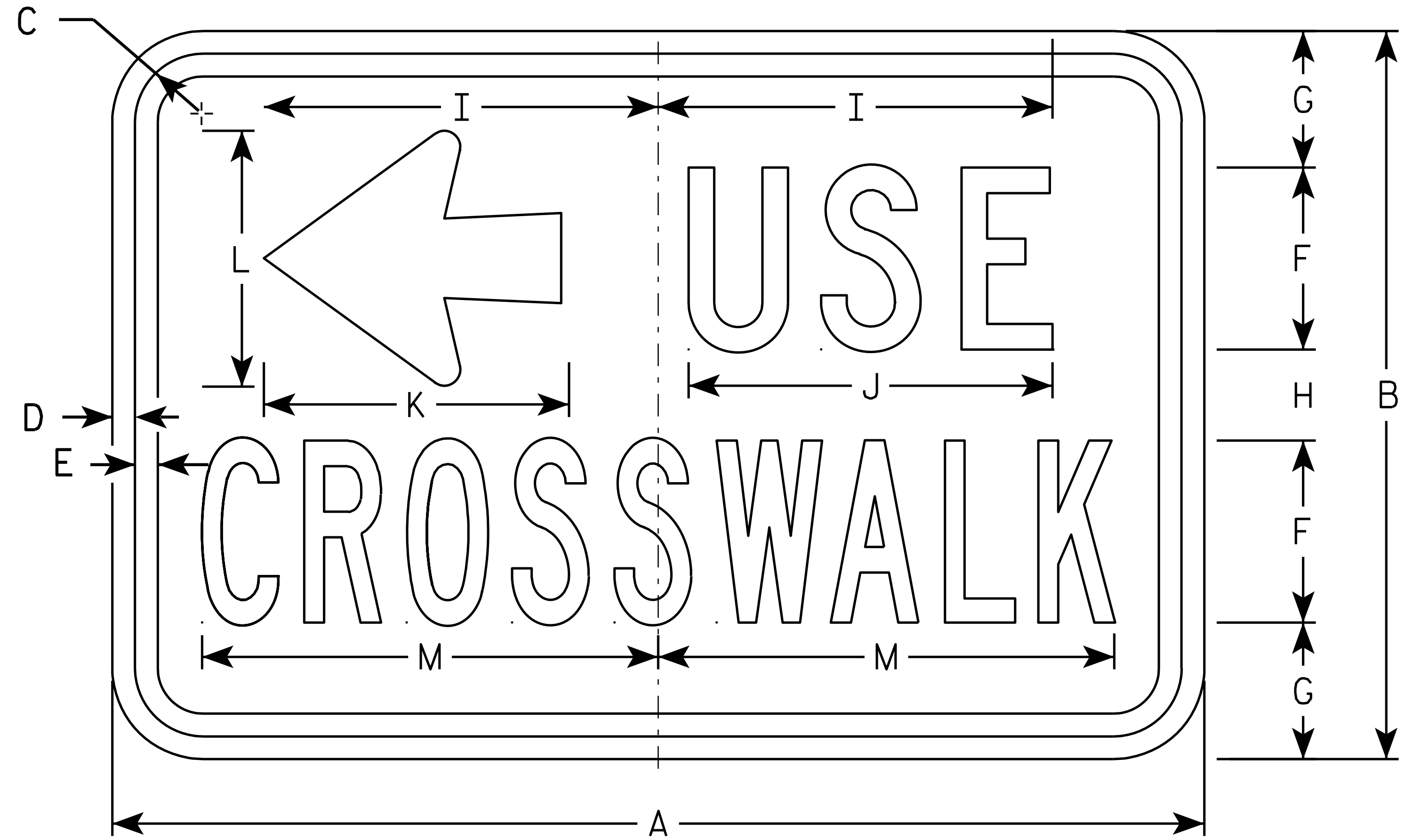
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R93A.dgn PLOT DATE : 22-DEC 2021 8:59 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C Line 1, Series B Line 2
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.



R9-3BL

Metric equivalent for this sign is:

SIZE	
1	
2	450 mm X 300 mm
3	
4	
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.	Area m2
1																												
2	18	12	1 1/8	3/8	3/8	3	2 1/4	1 1/2	6 1/2	6	5	4 1/4	7 1/2														1.5	0.14
3																												
4																												
5																												

STANDARD SIGN
R9-3BL

WISCONSIN DEPT OF TRANSPORTATION

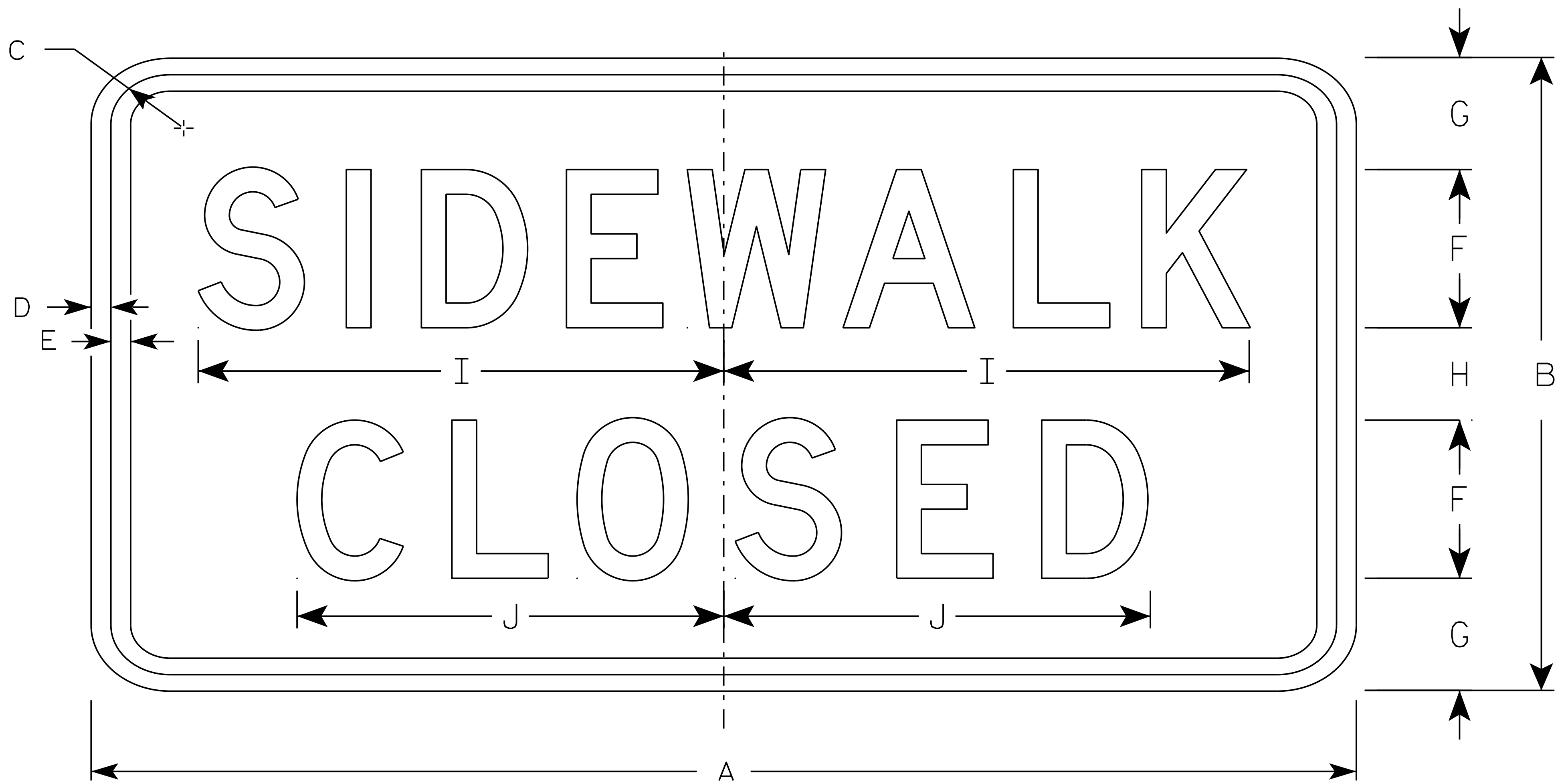
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/05/09 PLATE NO. R9-3BL.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 255 | E

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.



R9-9

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
2M	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
3	30	18	1 3/4	1/2	1/2	4	3 1/2	3	12 1/2	10 1/4																	3.75
4																											
5																											

STANDARD SIGN
R9-9

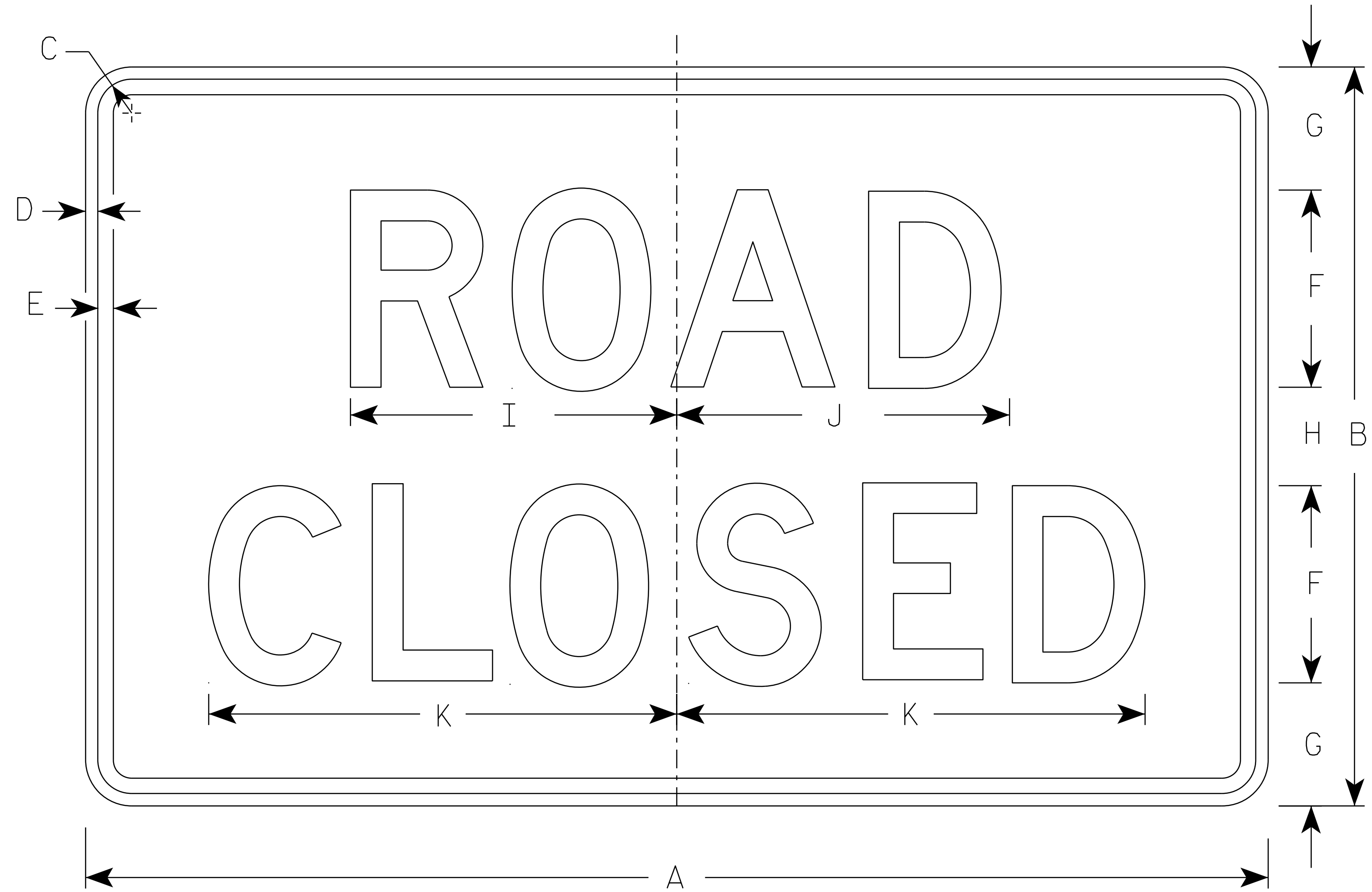
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

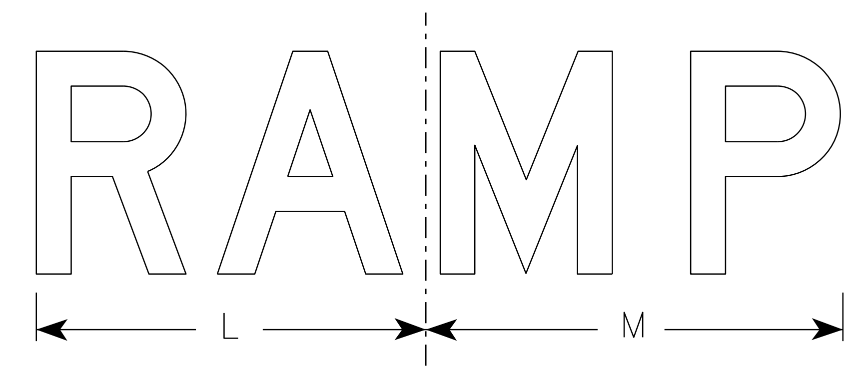
DATE 8/11/16 PLATE R9-9.6

PROJECT NO: HWY: COUNTY: SHEET NO: E

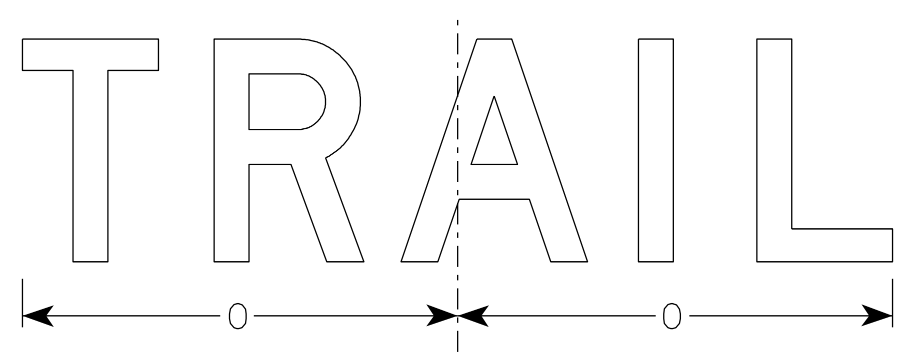
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R99.DGN PLOT DATE : 11-AUG-2016 11:33 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 2.918761:1.000000



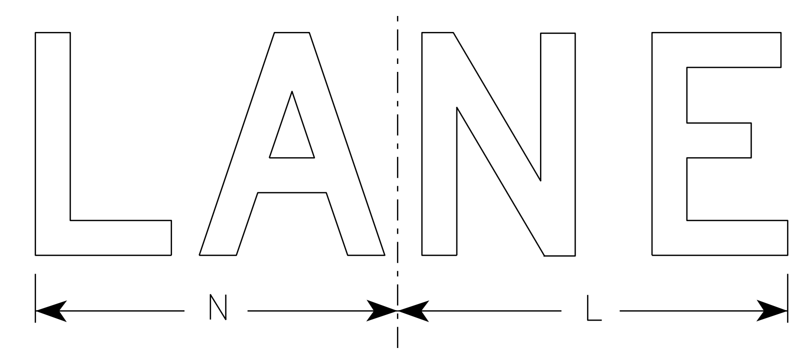
R11-2



R11-2R



R11-2T



R11-2L

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.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
2M	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
3	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
4	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
5	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0

STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

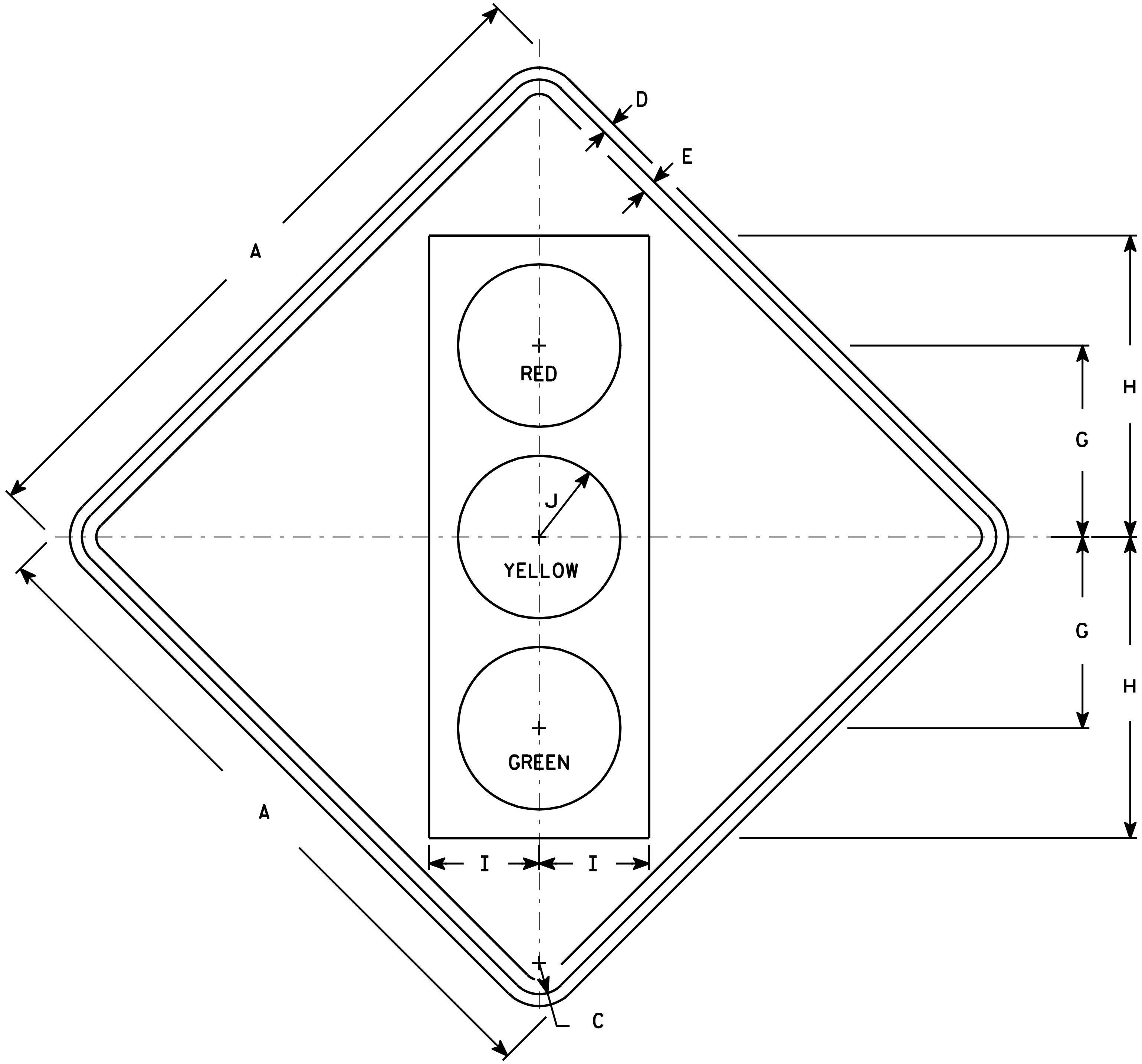
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2021 PLATE NO. R11-2.11

PROJECT NO: HWY: COUNTY: SHEET NO: 257 E

7

7



W3-3

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Symbol and border are non-reflective black.
   Top circle - Type H Reflectorized Red
   Center circle - Same as background
   Bottom circle - Type H Reflectorized Green

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		8 3/4	13 3/4	5	3 3/4																	6.25
2S	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2M	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
3	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
4	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
5	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0

STANDARD SIGN
W3-3

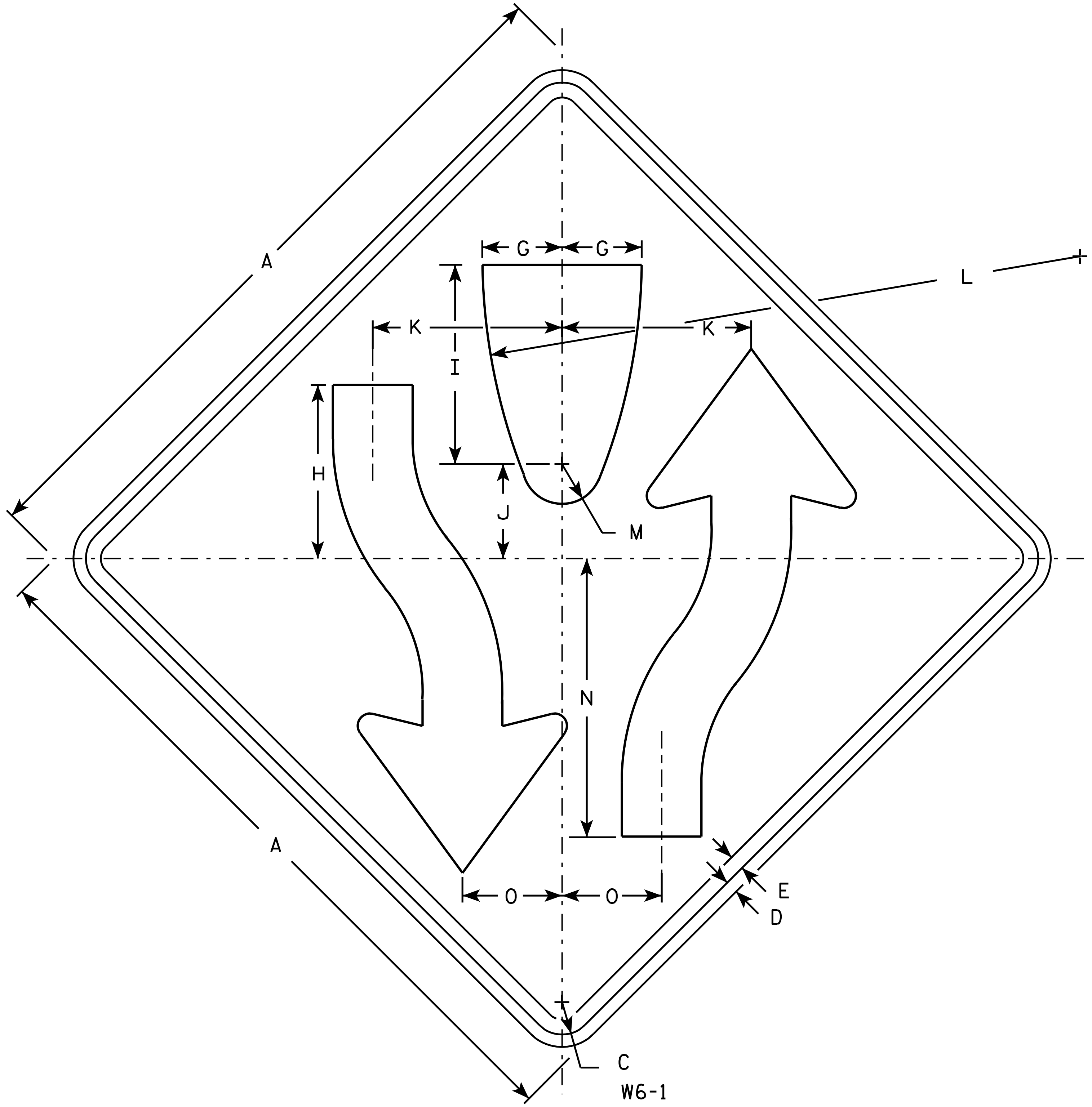
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-3.11

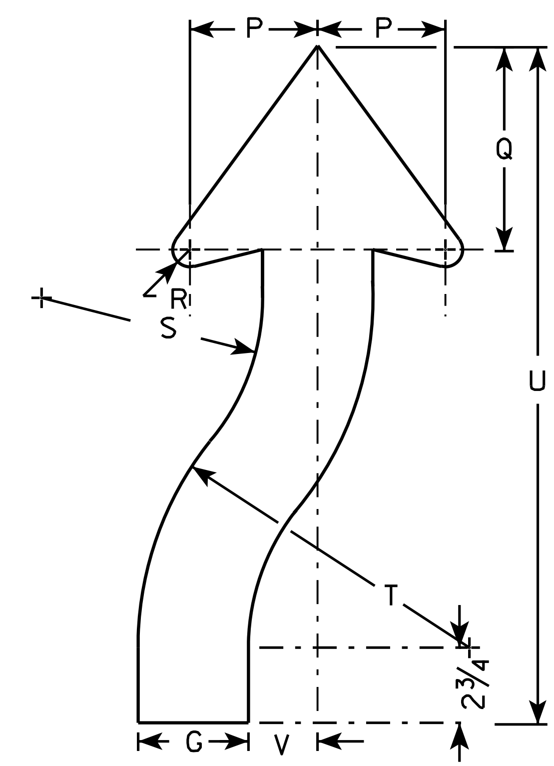
7 7

7



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W6-2 same as W6-1 but is rotated 180° when mounted.



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	30		1 3/8	1/2	5/8		3 1/4	8	8 1/4	4 1/8	7 7/8	25	1 3/4	11 5/8	4 1/8	3 7/8	6 3/4	5/8	6 5/8	9 7/8	21 5/8	2					6.25
2S	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
2M	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
3																											
4	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
5	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0

STANDARD SIGN
W6-1 & W6-2

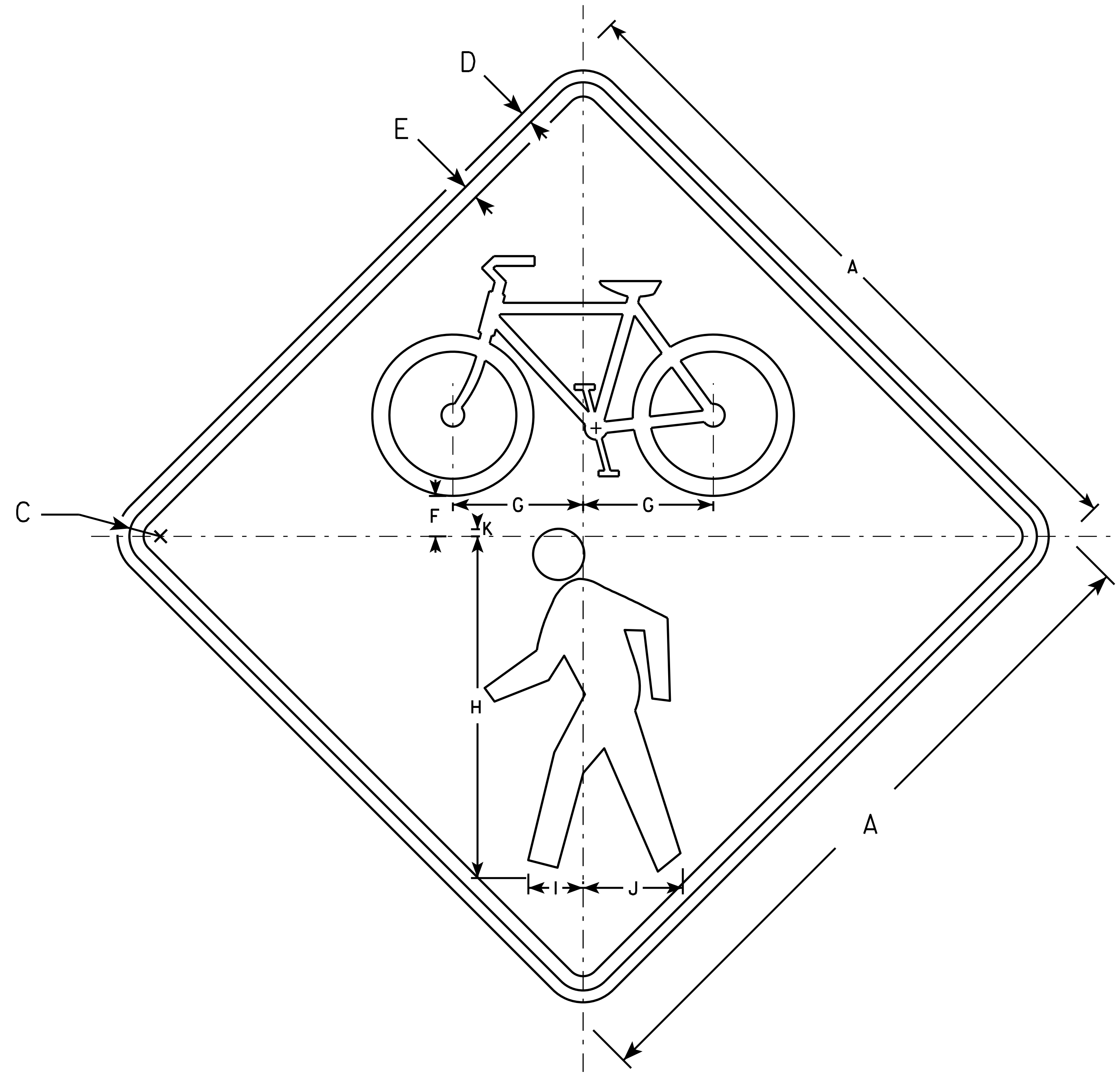
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W6-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 259 | E

7



W11-15

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	1 3/8	4 5/8	12	1 7/8	3 1/2	1/4																4.0
2S	30		1 3/8	1/2	5/8	1 3/4	5 3/4	15	2 3/8	4 3/8	3/8																6.25
2M	36		1 5/8	5/8	3/4	2 1/8	6 7/8	18	2 7/8	5 1/4	3/8																9.0
3	36		1 5/8	5/8	3/4	2 1/8	6 7/8	18	2 7/8	5 1/4	3/8																16.0
4	48		2 1/4	3/4	1	2 7/8	9 1/8	24	3 7/8	7	1/2																16.0
5																											

STANDARD SIGN
W11-15

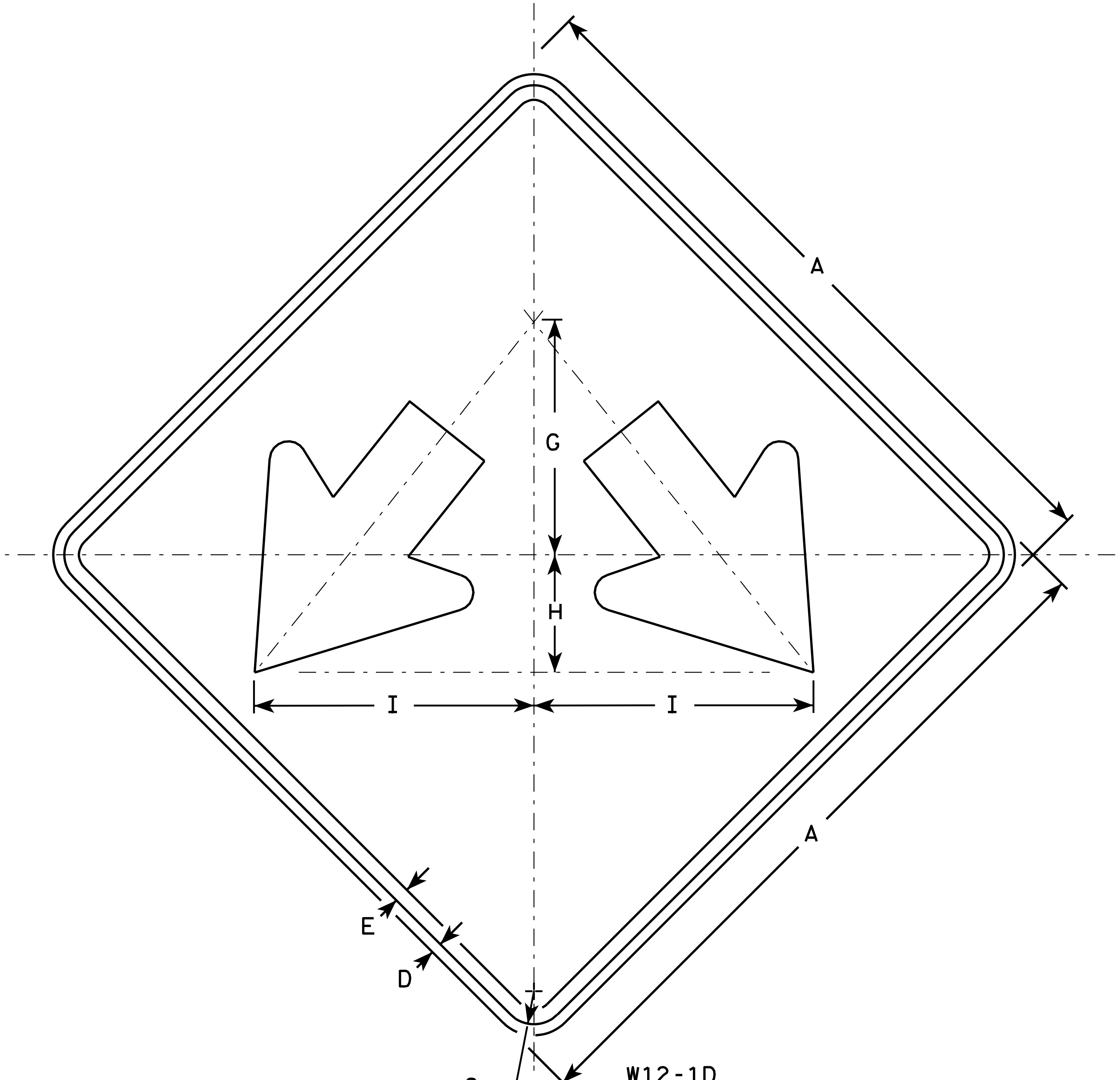
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/14 PLATE NO. W11-15.4

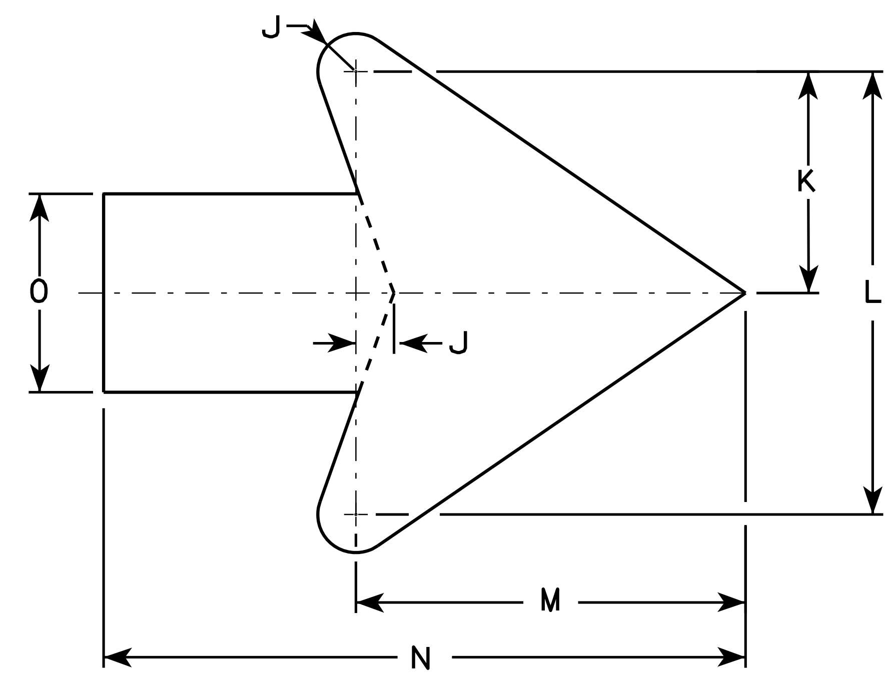
PROJECT NO: HWY: COUNTY: SHEET NO: E

7



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



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		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 3/8	1/2	5/8		10	5	11 7/8	3/4	4 1/2	9	7 7/8	13	4												6.25
4	36		1 3/8	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0
5	48		2 1/4	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W12-1D.15

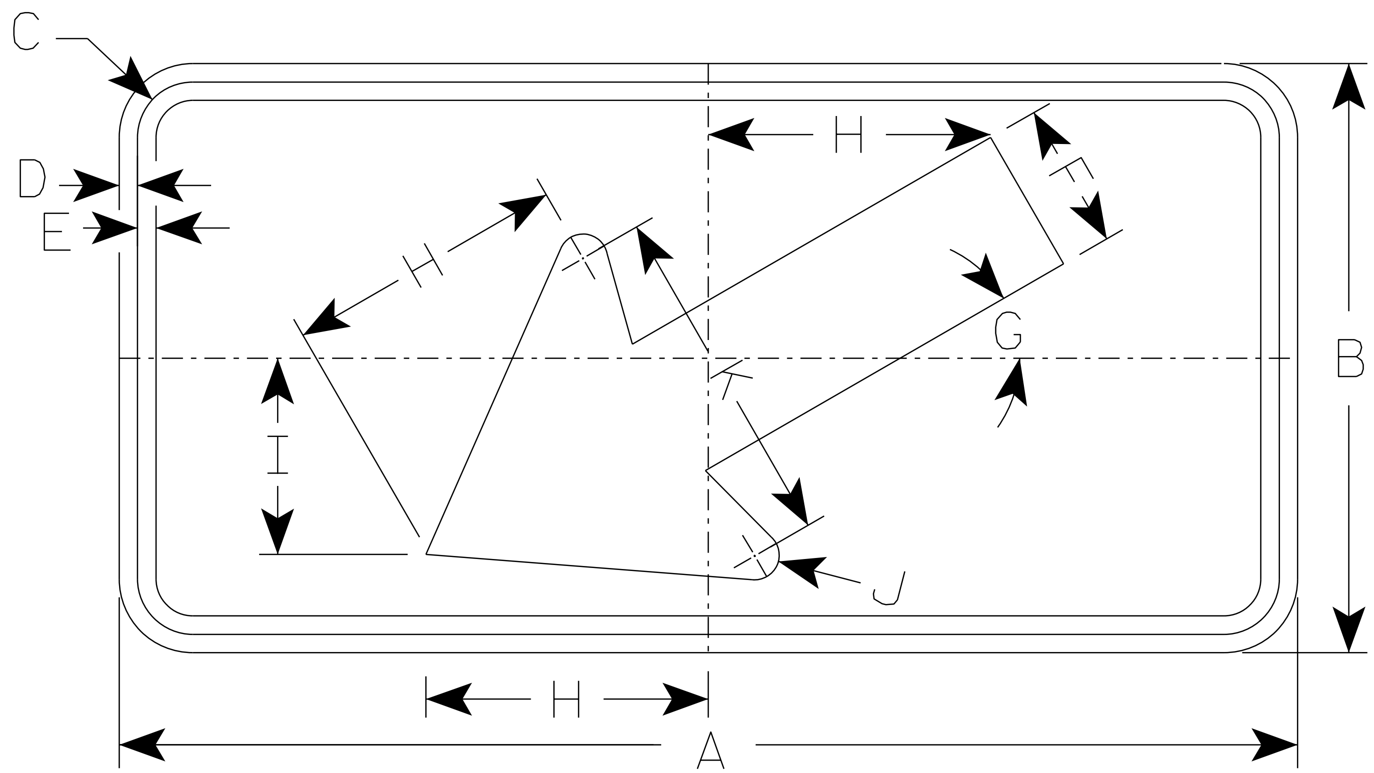
7

PROJECT NO: HWY: COUNTY: SHEET NO: 261 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W121D.DGN PLOT DATE : 13-MAR-2013 13:26 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 4.713802:1.000000

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.



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.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/8	3/8	3/8	3	30°	5 3/4	4	1/2	7																2.0
* 2M	30	18	1 1/8	3/8	1/2	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
* 3	30	18	1 1/8	3/8	1/2	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
* 4	48	24	1 3/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
5																											

STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

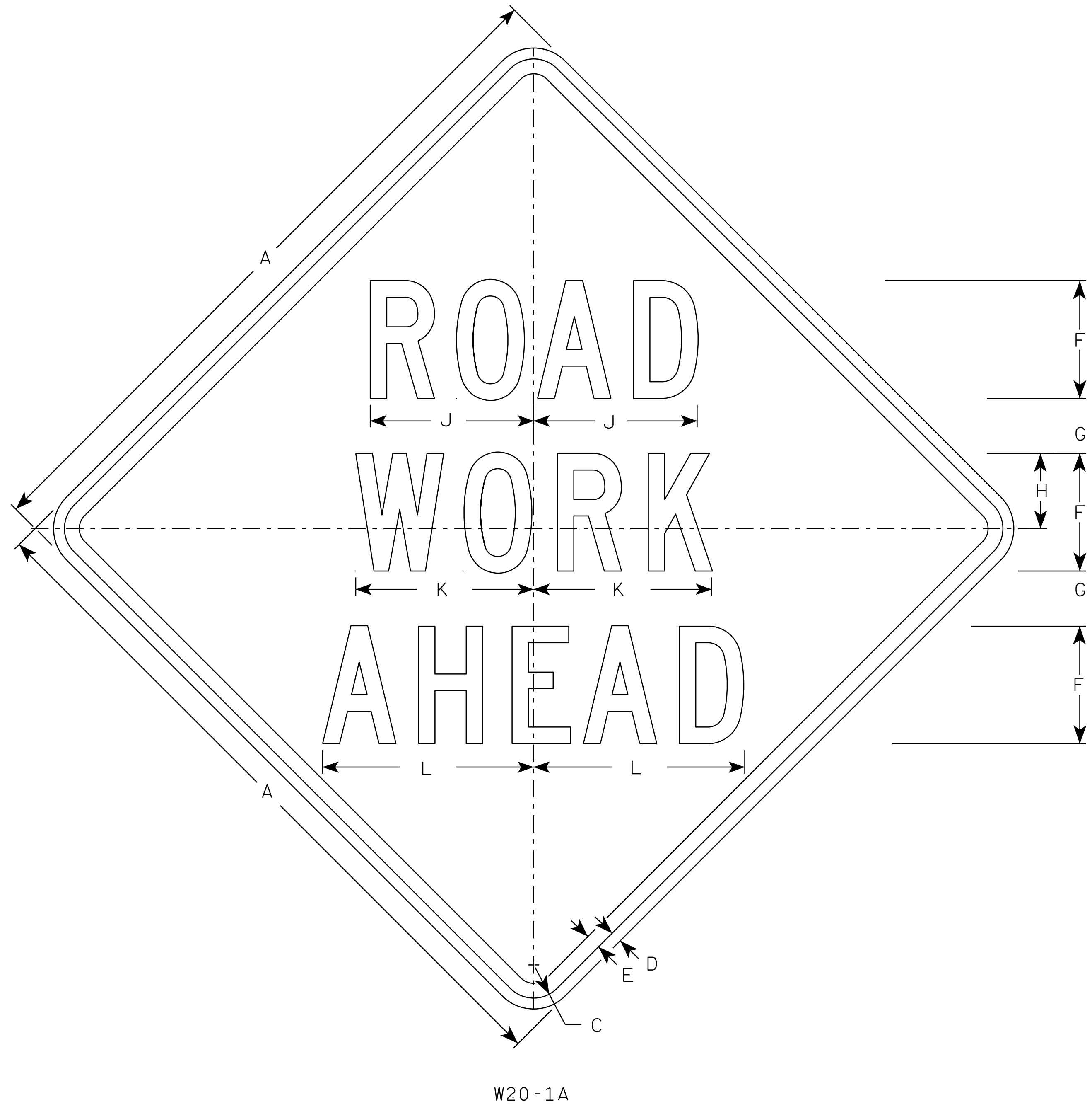
APPROVED Matthew R Rauch
For State Traffic Engineer

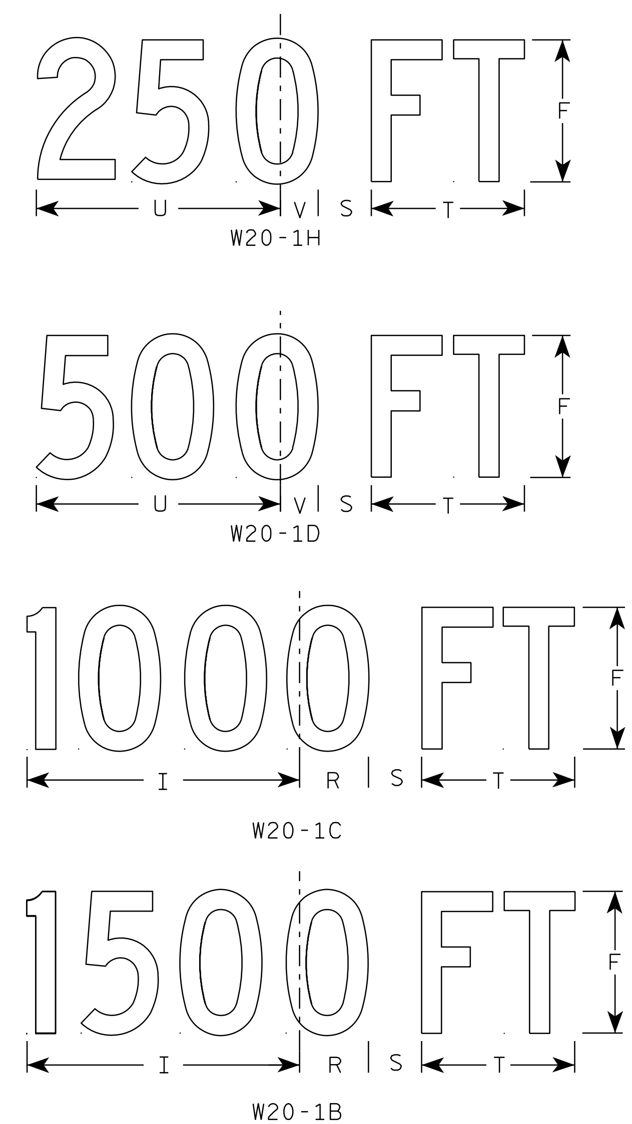
DATE 3/16/2021 PLATE NO. W16-7.8

PROJECT NO: HWY: COUNTY: SHEET NO: 262 E

7

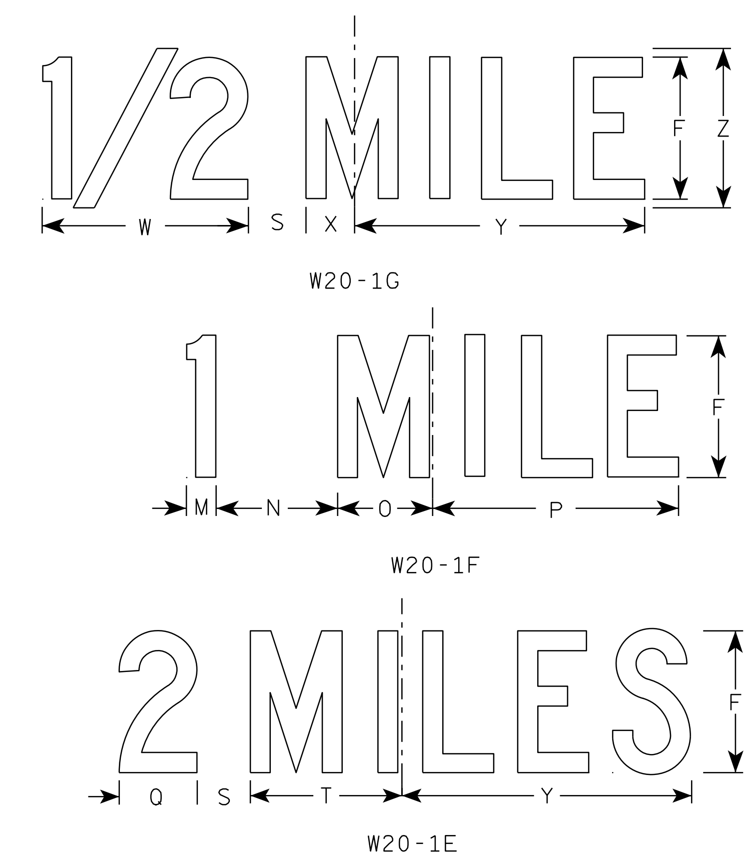
7





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		1 5/8	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

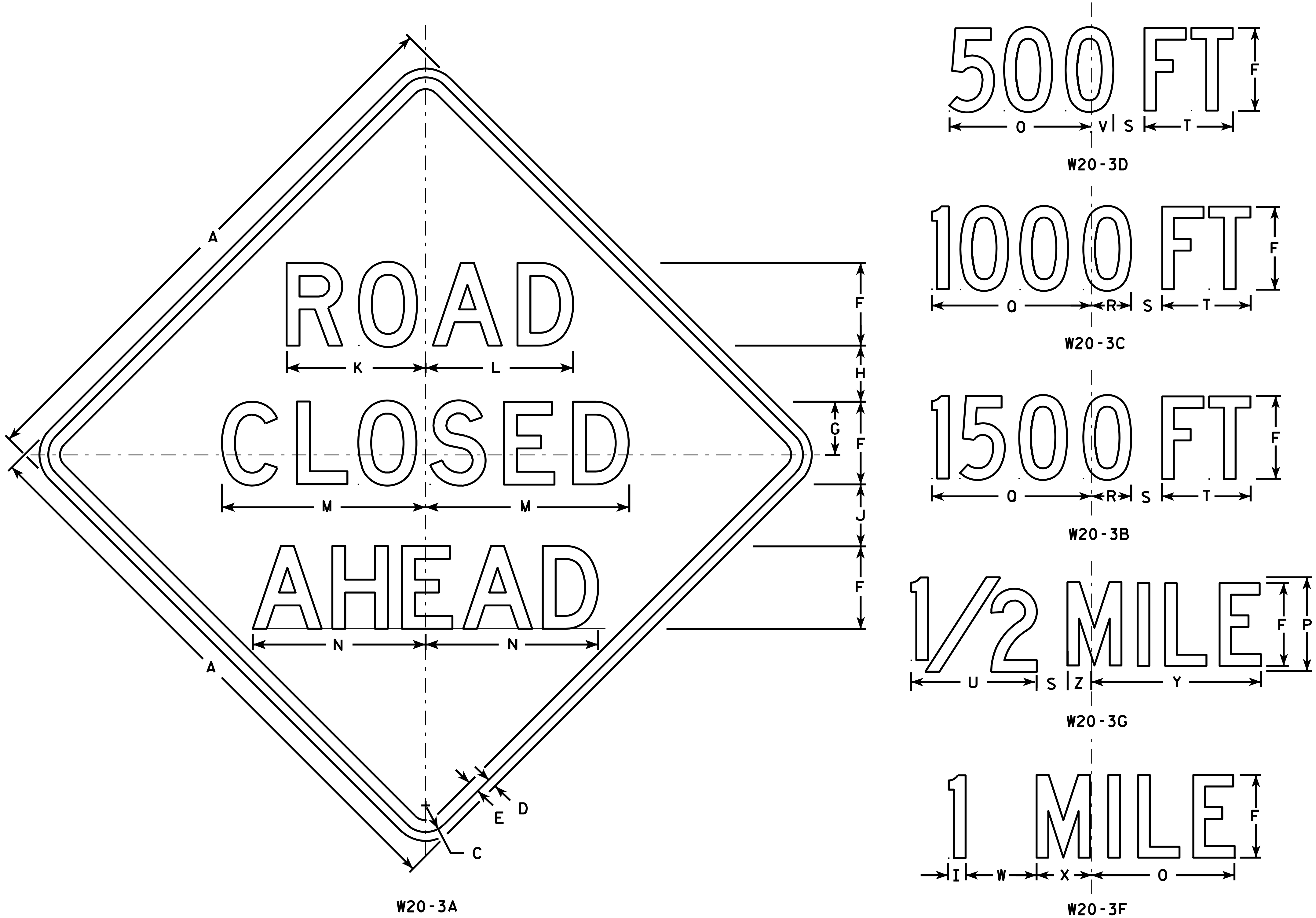
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2020 PLATE NO. W20-1.11

PROJECT NO:

SHEET NO: E

263



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

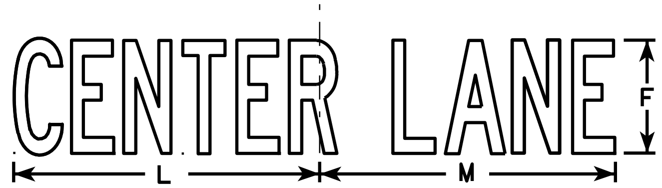
DATE 3/18/11 PLATE NO. W20-3.7

7

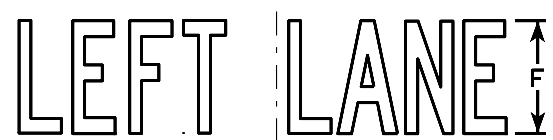
7

NOTES

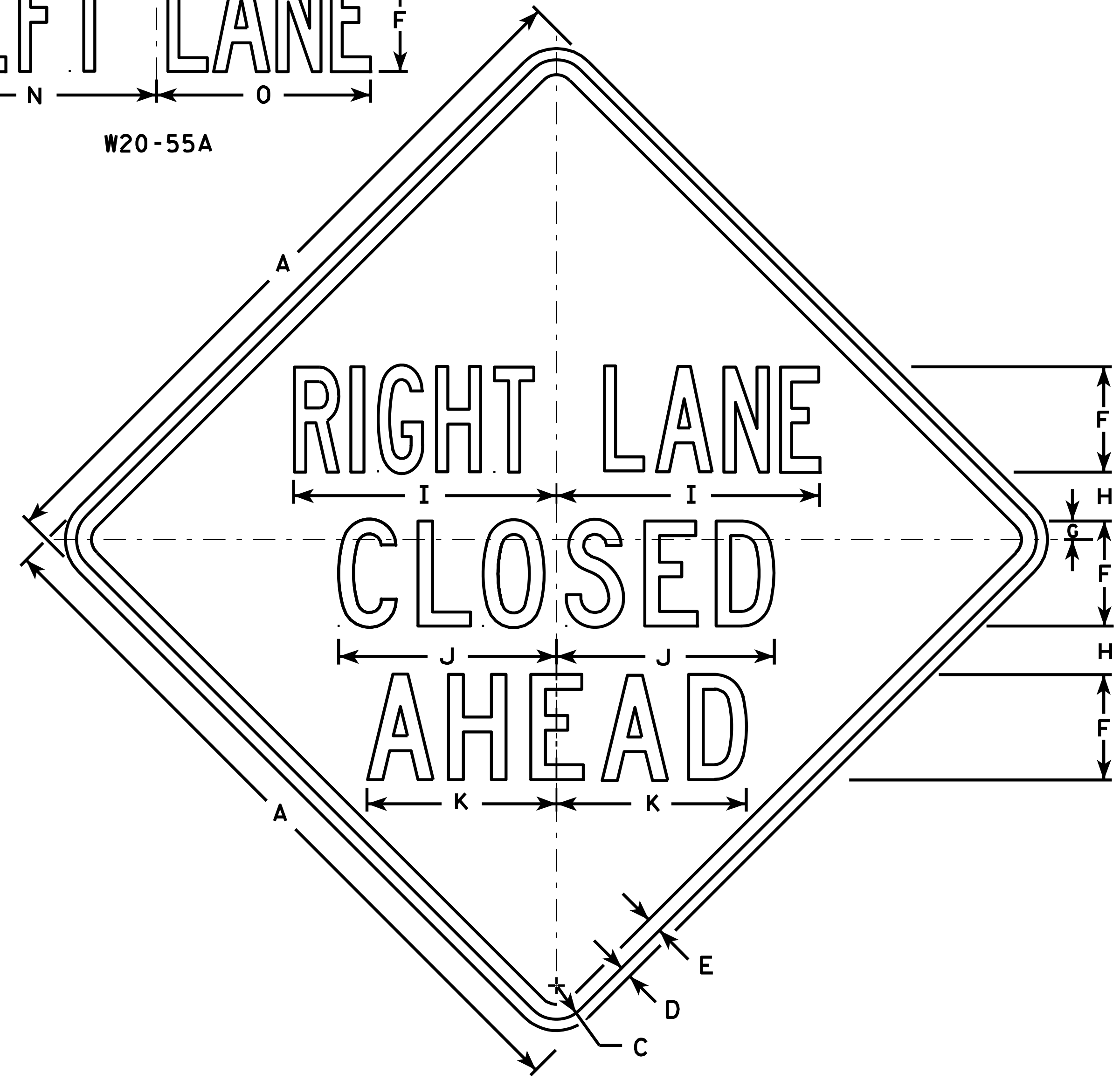
1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall 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.



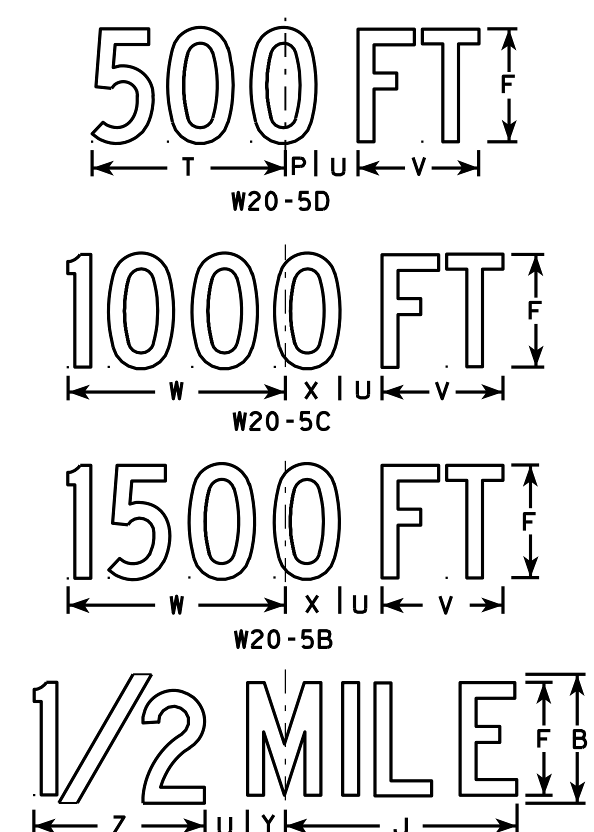
W20-56A



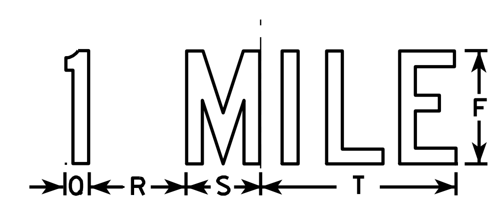
W20-55A



W20-5A



W20-5G



W20-5F

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	6	1 5/8	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	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
2M	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
3	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
4	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
5	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0

STANDARD SIGN
W20-5A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-5.11

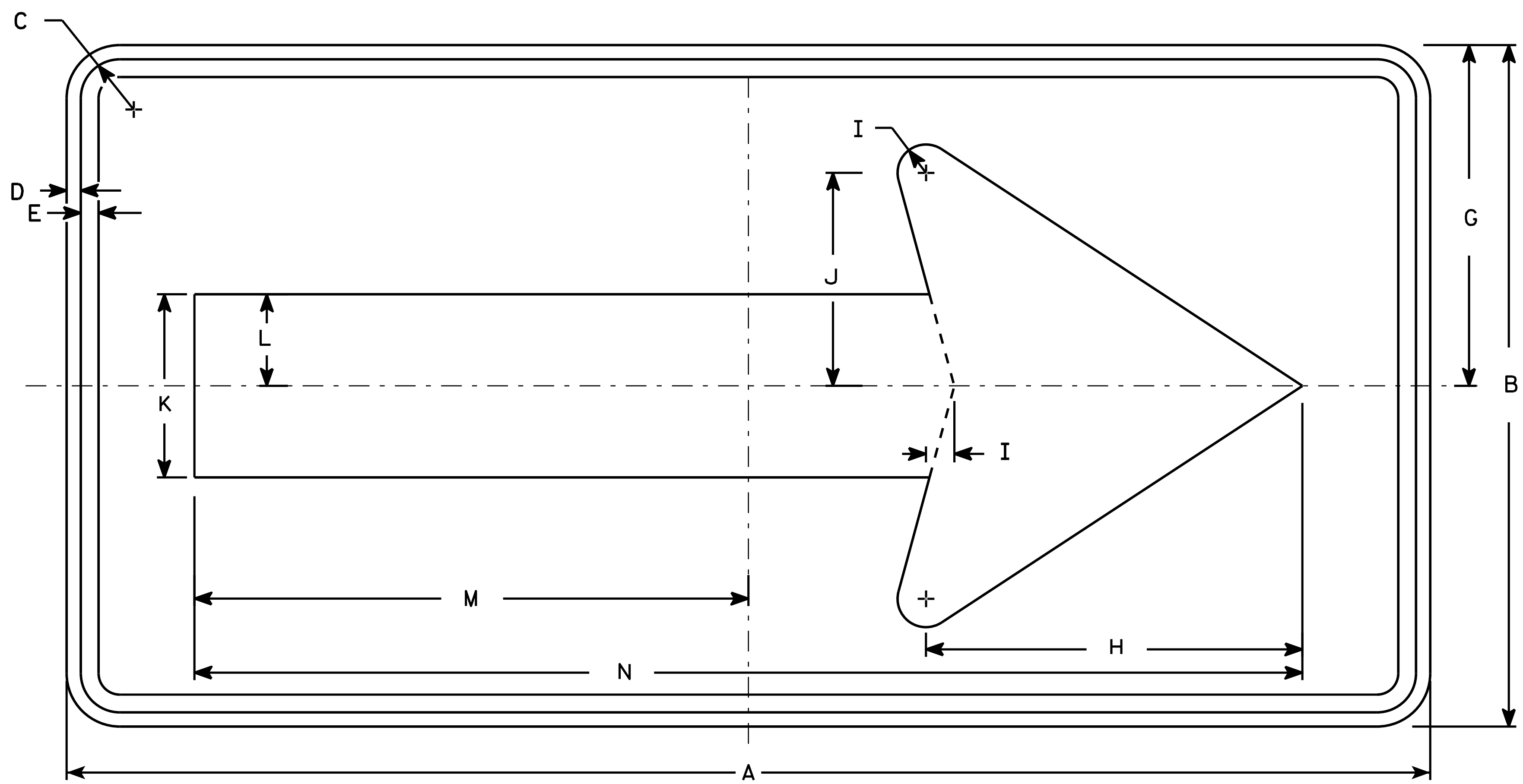
7

7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 265	E

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - 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.



W01-6

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

STANDARD SIGN
W01-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

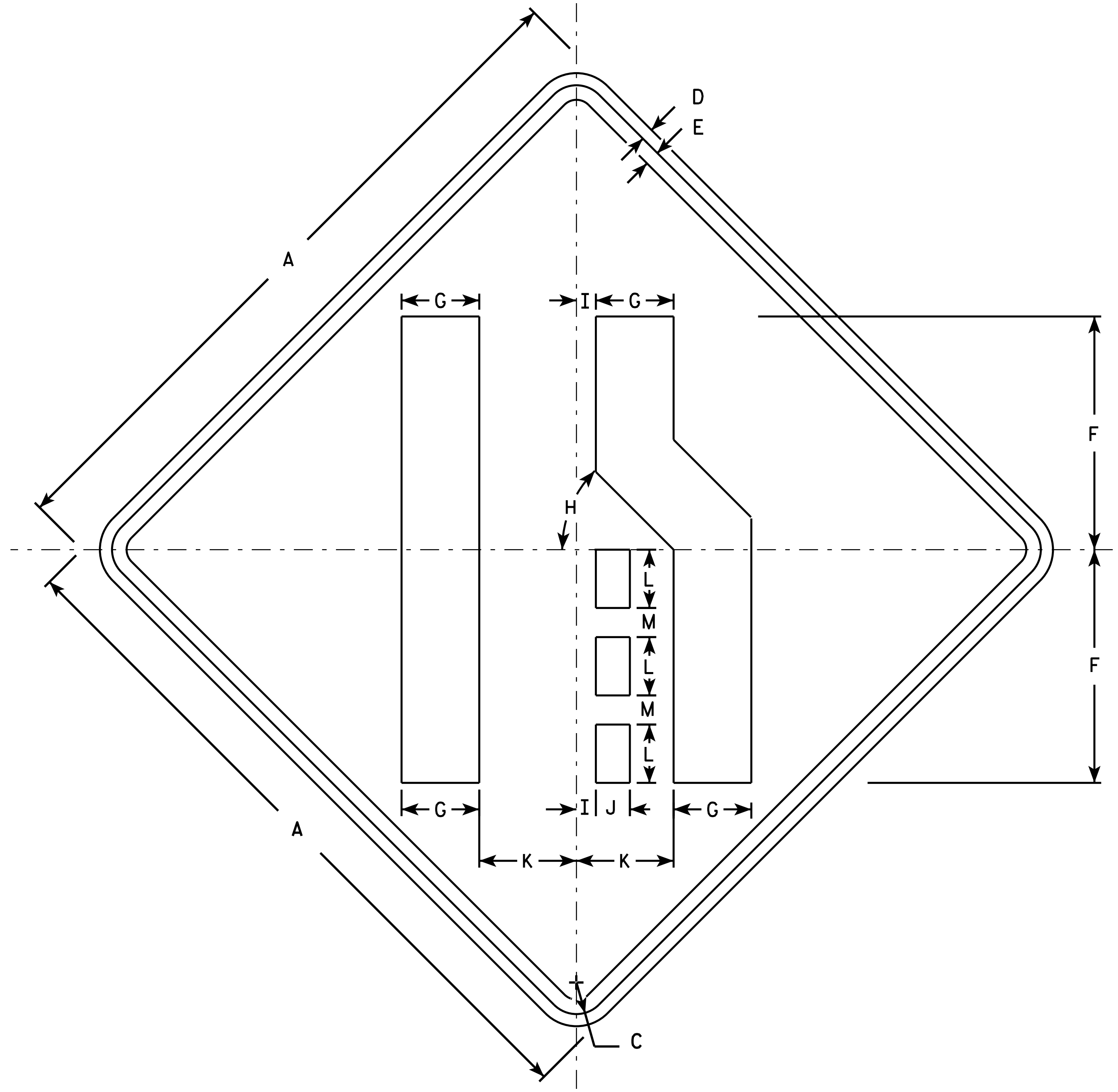
DATE 11/18/13 PLATE NO. W01-6.1

7

7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: | E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN PLOT DATE : 28-FEB-2014 11:37 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 5.837526:1.000000 WISDOT/CADDS SHEET 42



W04-2R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-2L is the same as W04-2R except the 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	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2S	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
2M	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
3	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
4	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W04-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE W04-2.1

PROJECT NO: SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W042.DGN PLOT DATE : 20-NOV-2013 11:43 PLOT BY : mscsja

WISDOT/CADDS SHEET 42

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

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