NOVEMBER 2022 STATE OF WISCONSIN ORDER OF SHEETS DEPARTMENT OF TRANSPORTATION Section No. Typical Sections and Details

PLAN OF PROPOSED IMPROVEMENT

V WESTON, NORTHWESTERN AVENUE

GOLD RIDGE WAY TO COUNTY ROAD X

LOCAL STREET MARATHON COUNTY

STATE PROJECT NUMBER 6999-13-72

R-8-F T-28-N **END PROJECT** STA 70+25 B51

Section No.

Section No.

Section No.

Section No.

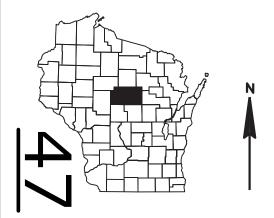
Estimate of Quantities

Plan and Profile

Miscellaneous Quantities

Standard Detail Drawings

TOTAL SHEETS = 36



DESIGN DESIGNATION

AADT (2023) = 2500A.A.D.T. (2043)= 3050 = UNKNOWN D.H.V. D.D. = 50/50 = 1% DESIGN SPEED = 35 MPH

CONVENTIONAL SYMBOLS

CORPORATE LIMITS PROPERTY LINE LIMITED HIGHWAY EASEMENT EXISTING RIGHT OF WAY PROPOSED OR NEW R/W LINE SLOPE INTERCEPT REFERENCE LINE EXISTING CULVERT PROPOSED CULVERT COMBUSTIBLE FLUIDS MARSH AREA

GRADE LINE ORIGINAL GROUND MARSH OR ROCK PROFILE (To be noted as such) SPECIAL DITCH

GRADE ELEVATION CULVERT (Profile View) UTILITIES ELECTRIC FIBER OPTIC SANITARY SEWER STORM SEWER TELEPHONE POLE

BEGIN PROJECT

STA 18+00

Y = 191421.412

X = 290788.522

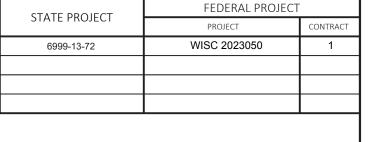
0.5 MI

TOTAL NET LENGTH OF CENTERLINE = 0.990 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MARATHON 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 BASED ON GEOID 18.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED



ACCEPTED FOR **VILLAGE OF WESTON** ORIGINAL PLANS PREPARED BY E-35808

PREPARED BY Surveyor Designer Project Manage

WOODED OR SHRUB AREA

GENERAL NOTES

- 1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON PLANS ARE APPROXIMATE.
- 2. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- 3. THE DISPLAYED EXISTING RIGHT OF WAY AND PROPERTY LINES ARE APPROXIMATE AND FOR GENERAL REFERENCE ONLY. PROPERTY DATA OBTAINED FROM MARATHON COUNTY CONSERVATION, PLANNING AND ZONING GIS DATABASE.
- 4. THE DISPLAYED EXISTING WETLANDS ARE APPROXIMATE, NON-DELINEATED WETLAND BOUNDARIES AND FOR GENERAL REFERENCE ONLY. WETLAND DATA OBTAINED FROM WISCONSIN DEPARTMENT OF NATURAL RESOURCES WETLAND INVENTORY GEODATABASE.

ORDER OF SECTION 2 SHEETS

PROJECT OVERVIEW

TYPICAL SECTIONS

CONSTRUCTION DETAILS

TRAFFIC CONTROL

SOIL BORING SUMMARY

BORING	STATION, L/R	ASPHALT DEPTH (INCH)	EXISTING PULVERIZED MATERIAL DEPTH (INCH)
B1	65+78.69, R	2.75	5.00
B2	61+76.63, L	3.75	5.25
В3	57+93.04, R	4.00	5.50
B4	53+79.93, L	3.50	6.00
B5	49+83.00, R	3.50	7.00
B6	45+87.53, L	4.25	6.50
В7	41+93.40, R	3.50	7.25
B8	37+84.47, L	4.25	4.00
В9	33+57.08, R	5.00	5.00
B10	29+98.48, L	4.00	
B11	26+09.88, R	3.50	6.75
B12	22+47.33, L	3.75	5.25

COMMUNICATIONS

FRONTIER COMMUNICATIONS OF WILLC JEREMY ZEHM 1851 N 14TH AVE WAUSAU, WI, 54401

PHONE: 715-243-9293 EMAIL: JEREMY.ZEHM@FTR.COM

NET LEC LLC

RICK VINCENT

470 SECURITY BLVD

GREEN BAY, WI, 54313

PHONE: 920-617-7316

EMAIL: RICK.VINCENT@NSIGHT.COM

SPECTRUM SCOTT GOHDES 853 MCINTOSH ST WAUSAU, WI, 54403 PHONE: 715-803-2989

MOBILE: 715-519-0065 EMAIL: SCOTT.GOHDES@CHARTER.COM

TDS METROCOM LLC DENNIS RUESS 410 4TH ST MOSINEE, WI, 54455 PHONE: 715-693-0906

EMAIL: DENNIS.RUESS@TDSTELECOM.COM

UTILITIES

ELECTRIC

WISCONSIN PUBLIC SERVICE JESSE PATTEN P.O. BOX 1166 WAUSAU, WI, 54448 PHONE: 715-848-7405 MOBILE: 715-573-0349

EMAIL: JESSE.PATTEN@WISCONSINPUBLICSERVICE.COM

GAS/PETROLEUM

ANR PIPELINE COMPANY
JASON JENSEN
6827 CONSOLIDATED SCHOOL RD

JANESVILLE, WI, 53545 PHONE: 608-373-6940 MOBILE: 608-373-6940

EMAIL: JASON JENSEN@TCENERGY.COM

WISCONSIN PUBLIC SERVICE SHANE SARKKINEN 1700 SHERMAN ST WAUSAU, WI, 54402 PHONE: 715-848-7387 MOBILE: 715-966-1040

EMAIL: SHANE.SARKKINEN@WISCONSINPUBLICSERVICE.COM

Dial 811 or (800)242-8511

www.DiggersHotline.com

RUNOFF COEFFICIENT TABLE

		HYDROLOGIC SOIL GROUP										
		A B				С			D			
	SLOP	E RANGE	(PERCENT)	SI	OPE RANG	GE (PERCENT)	SLC	SLOPE RANGE (PERCENT)		SLOPE RANGE (PERCENT)		(PERCENT)
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22	.26 .33	.20 .26	.23	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:		ı				I.	1					
ASPHALT						.7095						
CONCRETE	RETE .8095											
BRICK	BRICK .7080											
DRIVES, WALKS	DRIVES, WALKS .7585											
ROOFS						.7595						
GRAVEL ROADS, SHO	OULDERS					.4060						

TOTAL PROJECT AREA = 7.910 ACRES

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0 ACRES

OTHER CONTACTS

VILLAGE OF WESTON

MICHAEL WODALSKI, PE DIRECTOR OF PUBLIC WORKS 5500 SCHOFIELD AVENUE WESTON, WI 54476 PHONE: 715-241-2636

EMAIL: MWODALSKI@WESTONWI.GOV

DAN RACZKOWSKI DEPUTY DIRECTOR OF PUBLIC WORKS 5500 SCHOFIELD AVENUE WESTON, WI 54476 PHONE:

EMAIL: DRACZKOWSKI@WESTONWI.GOV

JOSH SWENSON
UTILITY SUPERINTENDENT
5500 SCHOFIELD AVENUE
WESTON, WI 54476
PHONE: 715-241-2637
EMAIL: JSWENSON@WESTONWI.GOV

WISCONSIN DNR LIAISON

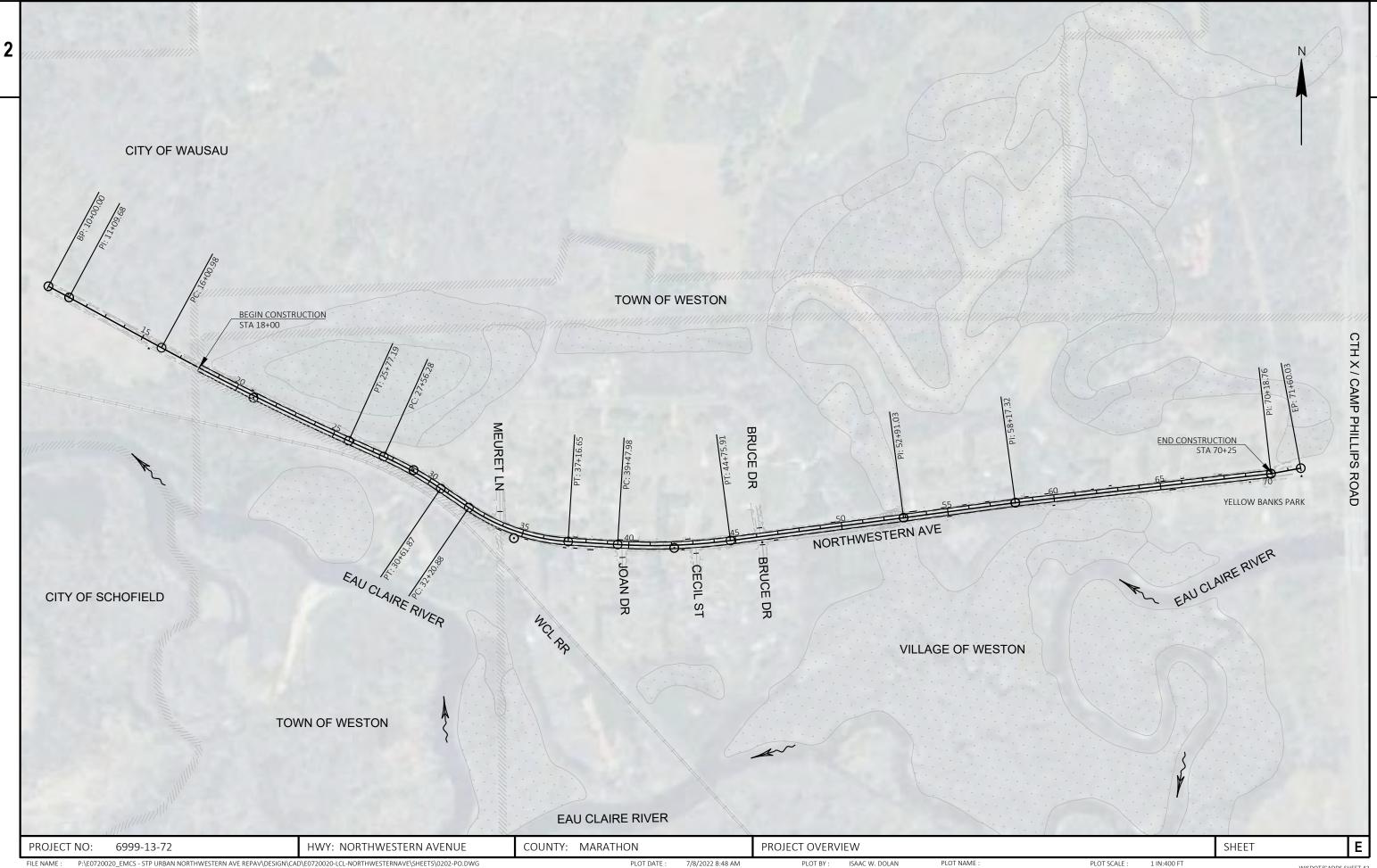
CASEY JONES
DNR OSHKOSH SERVICE CENTER
625 E. COUNTRY ROAD Y, STE 700
OSHKOSH, WI 54901
PHONE: 715-213-6571
EMAIL: CASEY.JONES@WISCONSIN.GOV

DESIGN CONTACTS

EMCS, INC. 500 NORTH 17TH AVENUE WAUSAU, WI 54401 PHONE: 715-845-1081

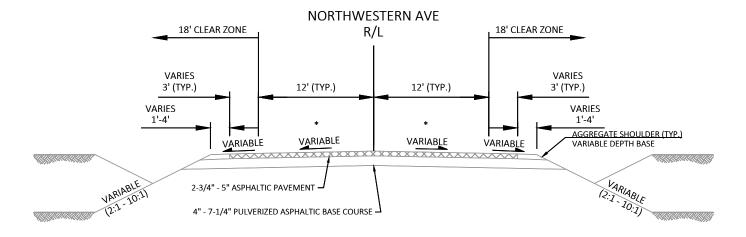
CLARK DIETZ, INC. 500 NORTH 3RD STREET, SUITE 703 WAUSAU, WI 54403 PHONE: 715-845-1333

LAYOUT NAME - 020101-gn

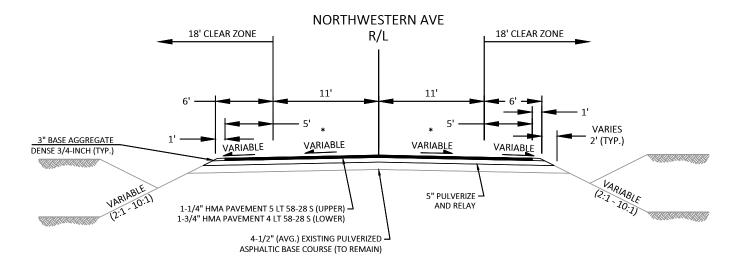


P:\E0720020_EMCS - STP URBAN NORTHWESTERN AVE REPAV\DESIGN\CAD\E0720020-LCL-NORTHWESTERNAVE\SHEETS\0202-PO.DWG LAYOUT NAME - 0202-po





EXISTING TYPICAL SECTION STA 18+00 - 70+25



LEGEND

EXISTING ASPHALTIC PAVEMENT

EXISTING AGGREGATE COURSE

FINISHED HMA PAVEMENT

TINISHED HIVIAT AVEIVIENT

FINISHED BASE AGGREGATE DENSE 3/4-INCH

SUPERELEVATION

* CROSS SLOPE VARIES THROUGH SUPERELEVATION; 4.0% SE - STA. 30+50 TO STA. 39+00 (APPROXIMATE)

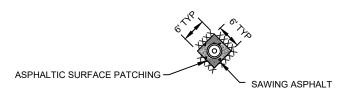
WISDOT/CADDS SHEET 42

FINISHED TYPICAL SECTION

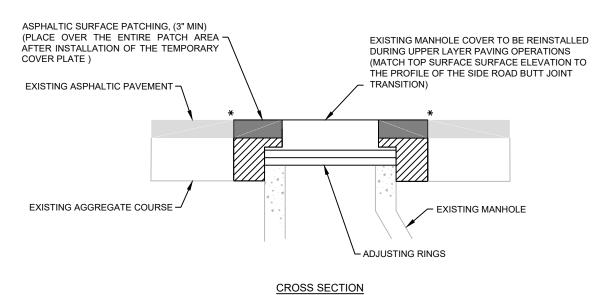
STA 18+00 - 70+25

PROJECT NO: 6999-13-72 HWY: NORTHWESTERN AVENUE COUNTY: MARATHON TYPICAL SECTIONS

FILE NAME: P:\E0720020_EMCS - STP URBAN NORTHWESTERN AVE REPAV\DESIGN\CAD\E0720020-LCL-NORTHWESTERN AVE REPAV\DESIGN\CAD\E0720020-LCL-NORTHWESTERN AVENUE PLOT DATE: 7/8/2022 8:48 AM PLOT DATE: 7/8/2022 8:48 AM PLOT NAME: PLOT NAME: PLOT SCALE: 1 IN:10 FT



PLAN VIEW



LEGEND

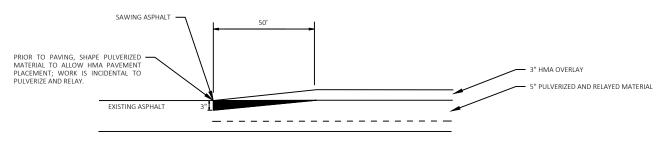
* SAWCUT REQ'D

BASE AGGREGATE DENSE 1 1/4-INCH (MATCH EXISTING DEPTH)

ADJUSTING MANHOLE COVERS (STORM SEWER) DETAIL

Ε PROJECT NO: 6999-13-72 HWY: NORTHWESTERN AVENUE COUNTY: MARATHON CONSTRUCTION DETAILS SHEET 7/8/2022 8:49 AM PLOT SCALE : 1:1





NORTHWESTERN AVENUE PROFILE RAISE TRANSITION DETAIL



NOTES

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PULVERIZE AND RELAY

REMOVE MATERIAL UNDER ITEM 'REMOVING ASPHALT SURFACE, BUTT JOINTS' MATERIAL SHALL NOT BE REMOVED UNDER THIS ITEM UNTIL 24 HOURS BEFORE SIDE ROAD PAVING.

SIDE ROAD PAVEMENT IS 3". MATCH MAINLINE PAVEMENT LAYERS.

DRIVEWAY PAVEMENT IS 3". USE ASPHALTIC SURFACE FOR DRIVEWAYS AND FIELD ENTRANCES.

PROJECT NO: 6999-13-72 HWY: NORTHWESTERN AVENUE COUNTY: MARATHON CONSTRUCTION DETAILS SHEET

FILE NAME

6999-1	3-72

					0999-13-72	
Line	Item	Item Description	Unit	Total	Qty	
0002	204.0110	Removing Asphaltic Surface	SY	4.000	4.000	
0004	204.0115	Removing Asphaltic Surface Butt Joints	SY	820.000	820.000	
0006	213.0100	Finishing Roadway (project) 01. 6999-13-72	EACH	1.000	1.000	
8000	305.0110	Base Aggregate Dense 3/4-Inch	TON	260.000	260.000	
0010	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	2.000	2.000	
0012	325.0100	Pulverize and Relay	SY	22,060.000	22,060.000	
0014	455.0605	Tack Coat	GAL	985.000	985.000	
0016	460.2000	Incentive Density HMA Pavement	DOL	2,070.000	2,070.000	
0018	460.5224	HMA Pavement 4 LT 58-28 S	TON	1,890.000	1,890.000	
0020	460.5225	HMA Pavement 5 LT 58-28 S	TON	1,340.000	1,340.000	
0022	465.0110	Asphaltic Surface Patching	TON	1.000	1.000	
0024	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	75.000	75.000	
0026	611.8110	Adjusting Manhole Covers	EACH	1.000	1.000	
0028		· ·	EACH	1.000	1.000	
0030	618.0100	Maintenance And Repair of Haul Roads (project) 01. 6999-13-72	EACH	1.000	1.000	
0032	619.1000	Mobilization	EACH	1.000	1.000	
0034	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000	
0036	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000	
0038	628.7010	Inlet Protection Type B	EACH	4.000	4.000	
0040	642.5001	Field Office Type B	EACH	1.000	1.000	
0042	643.0300	Traffic Control Drums	DAY	976.000	976.000	
0044	643.0420	Traffic Control Barricades Type III	DAY	280.000	280.000	
0046	643.0705	Traffic Control Warning Lights Type A	DAY	560.000	560.000	
0048	643.0900	Traffic Control Signs	DAY	1,600.000	1,600.000	
0050	643.1000	Traffic Control Signs Fixed Message	SF	8.560	8.560	
0052	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000	
0054	643.5000	Traffic Control	EACH	1.000	1.000	
0056	646.1020	Marking Line Epoxy 4-Inch	LF	20,560.000	20,560.000	
0058	650.8000	Construction Staking Resurfacing Reference	LF	5,225.000	5,225.000	
0060	650.9911	Construction Staking Supplemental Control (project) 01. 6999-13-72	EACH	1.000	1.000	
0062	690.0150	Sawing Asphalt	LF	89.000	89.000	
0064	740.0440	Incentive IRI Ride	DOL	4,000.000	4,000.000	
0066	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	300.000	300.000	
0068	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	600.000	600.000	

3	REMOVAL ITEMS 204.0115 325.0100 690.0150* 204.0115 325.0100 690.0150* REMOVING ASPHALITIC SURFACE PULVERIZE AND BUTT JOINTS RELAY SAWING ASPHALT 10.0CATION STATION TO STATION OFFSET SY SY IF 10.0CATION STATION TO STATION OFFSET SY SY IF 10.0CATION STATION TO STATION TO STATION OFFSET SY IT 10.0CATION STATION TO STATION TO STATION OFFSET TON MEMBET LIN 38-43 34-404 LT 160 JOAN DR 39-40 - 40-02 RT 160 JOAN DR 39-40 - 40-02 RT 160 BUT JOINT STATION TO STATION TO STATION OFFSET TON NORTHWESTERN AVENUE 18-00 - 70-25 LT&RT 245 CECIL ST 42-86 - 43-39 RT 90 BRUCE DR 45-94 - 46-47 LT&RT 150 BRUCE DR 45-94 - 46-47 LT&RT 150 BRUCE DR 55-94 - 46-47 LT&RT 150 DRIVEWAYS 18-100 - 70-25 LT&RT 150 TOTAL 5 T
	**ADDITIONAL QUANTITIES SHOWN F15-9W9999 **ADDITIONAL QUANTITIES SHOWN F15-9W99999 **ASSPHALTIC ITEMS *
	ADJUSTING SEWER MANHOLE ITEMS 704.0110 805.0120 455.0110 611.8110 611.8120.5 690.0150* BEROWING BEROWING STATION OFFICE SUPERSELLIANCE PARCHING PACCHING COVERED TEMPORARY ASPACIT STATION OFFICE SUPERSELLIANCE PARCHING PACCHING COVERS TEMPORARY ASPACIT 461-22 27.2* T 4 2 1 1 2 24 TOTALS 4 2 1 1 1 24 **ADDITIONAL QUANTITIES SHOWN ELSEWHERE

MISCELLANEOUS QUANTITIES

COUNTY: MARATHON

HWY: NORTHWESTERN AVENUE

E

SHEET

PROJECT NO: 6999-13-72

INLET PROTECTION TYPE B EROSION CONTROL MOBILIZATION TRAFFIC CONTROL SIGNS FIXED MESSAGE 628.7010 628.1905 628.1910 643.1000 SIGN SIZE STATION OFFSET MOBILIZATIONS MOBILIZATIONS EMERGENCY NUMBER WXH EROSION CONTROL EROSION CONTROL LOCATION SIGN MESSAGE 45+93 LOCATION 46+59 CTH X NB/SB ADVANCED WARNING 34.25"x18" 8.56 "NORTHWESTERN AVE" 2 47+33 PROJECT 2 1 8.56 TOTALS TOTAL TRAFFIC CONTROL ITEMS 643.0300 643.0420 643.0705 643.0900 643.1050 TRAFFIC CONTROL TRAFFIC TRAFFIC CONTROL TRAFFIC TRAFFIC CONTROL WARNING LIGHTS DURATION CONTROL DRUMS BARRICADES TYPE III TYPE A CONTROL SIGNS SIGNS PCMS LOCATION PRIOR TO CONSTRUCTION PROJECT ADVANCED WARNING & CTH X TURNING LANES 20 800 280 14 560 37 1,480 PULVERIZE AND RELAY/OVERLAY OPERATIONS 120 . 120 TOTALS 976 1.600

LONG LINE PAVEMENT MARKING ITEMS

646.1020

MARKING LINE EPOXY 4-INCH

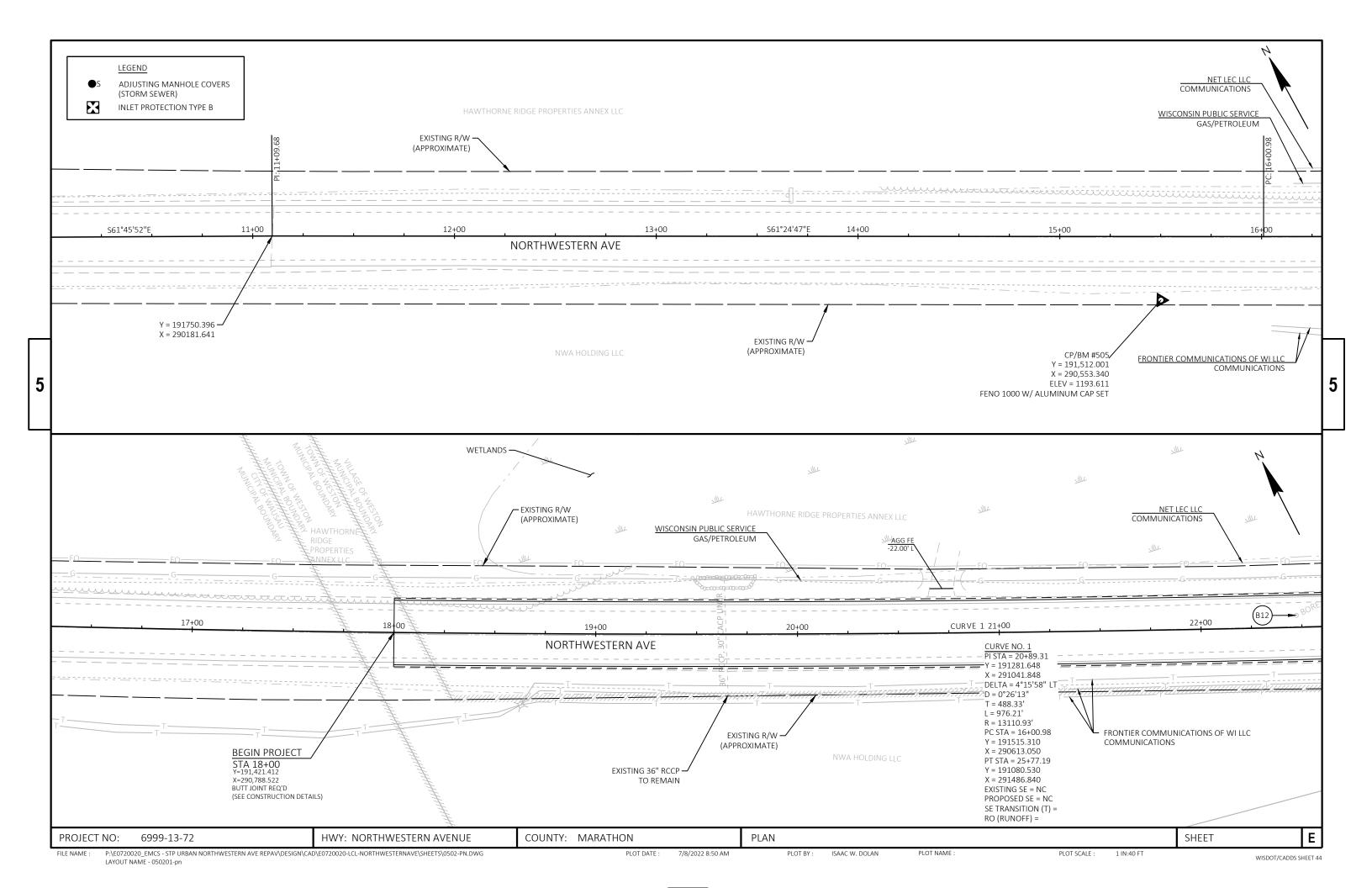
LOCATION	STATION	то	STATION	OFFSET	SOLID WHITE LF	SOLID YELLOW LF
NORTHWESTERN AVENUE	18+00	-	70+25	LT&RT	10,110	10,450
TOTAL					10,110	10,450 560

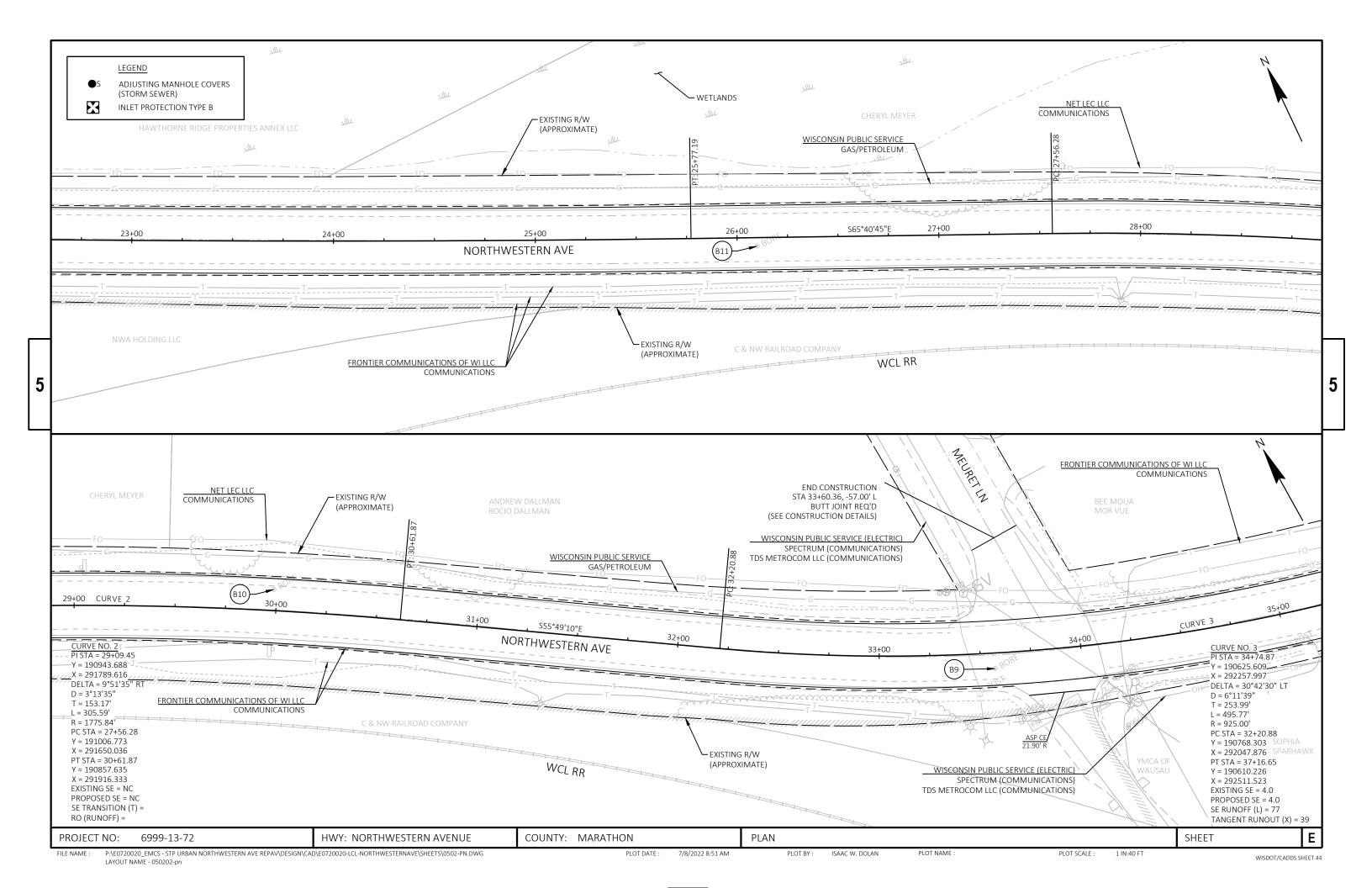
CONSTRUCTION STAKING ITEMS

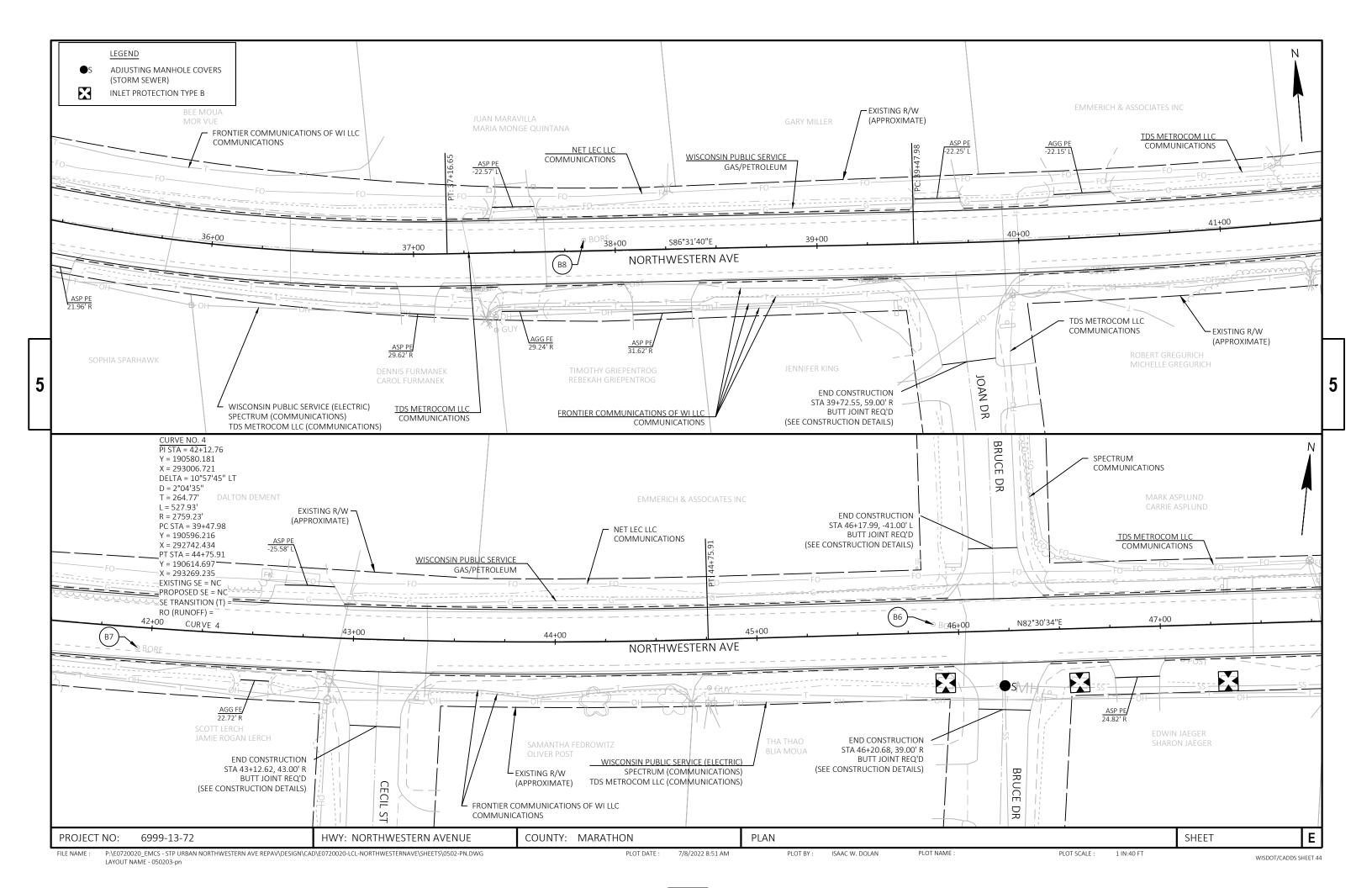
650.8000 650.9911

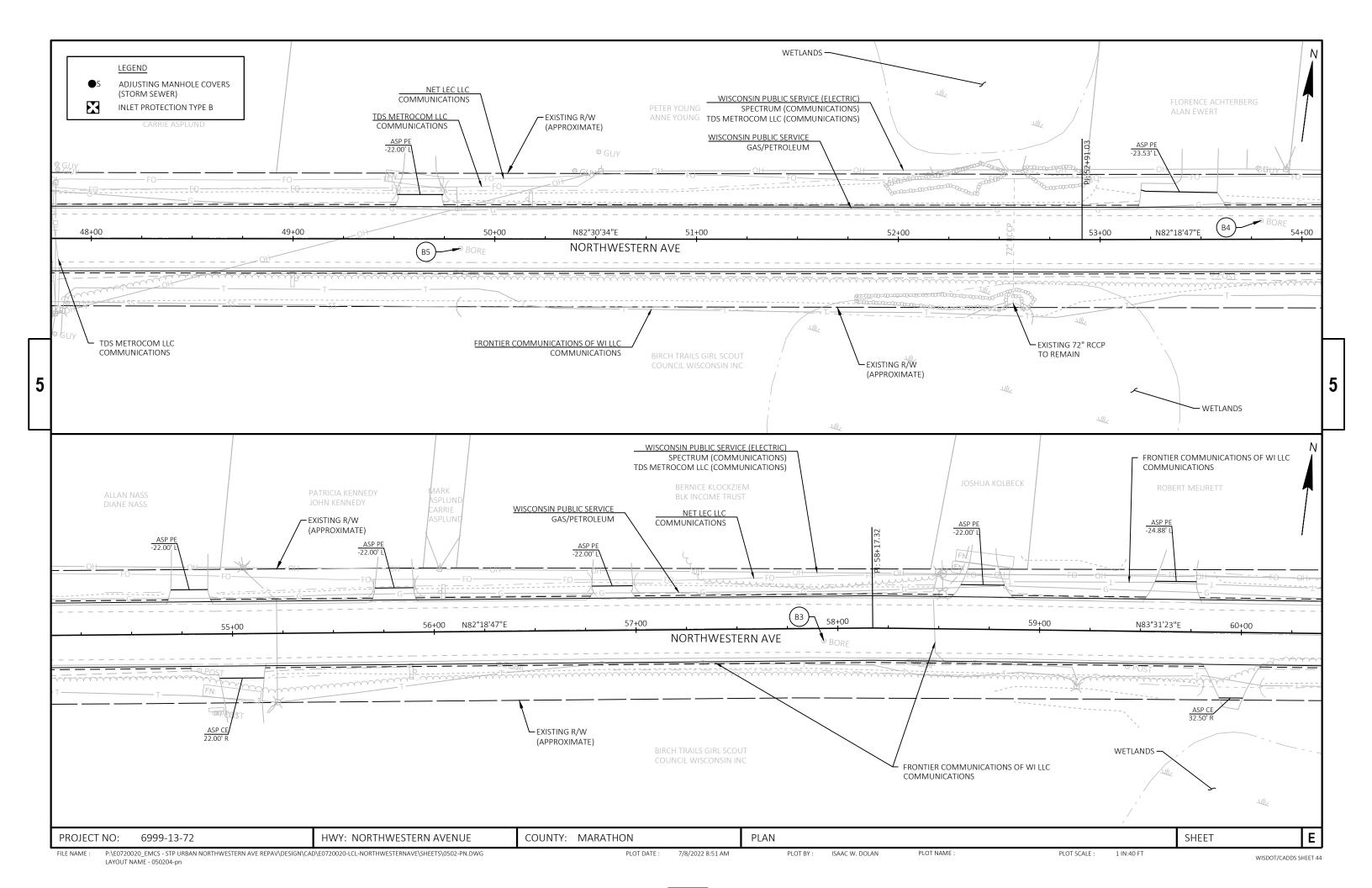
STATION TO STATION	OFFSET	CONSTRUCTION STAKING RESURFACING REFERENCE LF	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL 6999-13-72 EACH
18+00 - 70+25 PROJECT	LT&RT 	5,225 	1
TOTALS		5,225	1

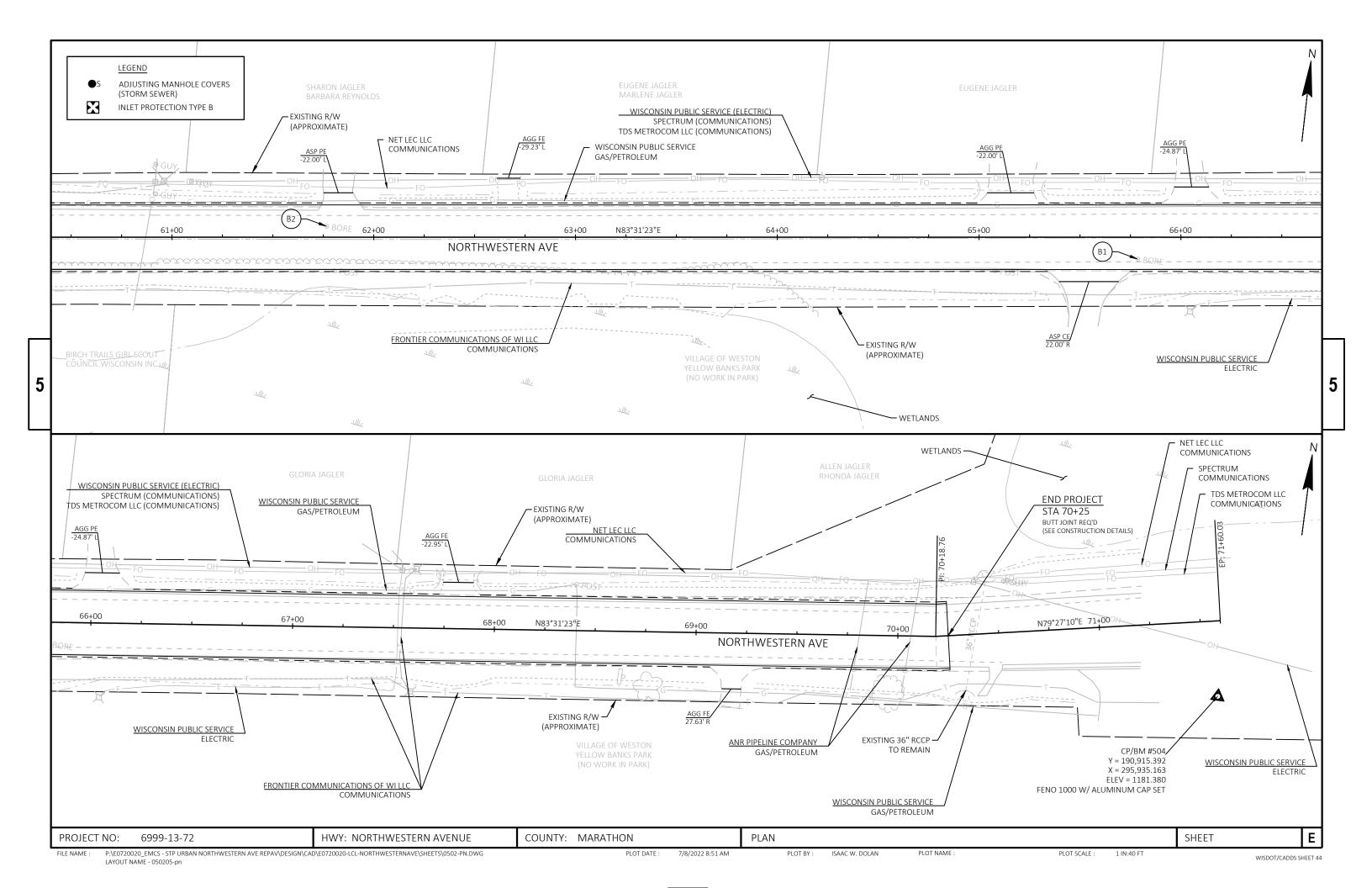
PROJECT NO: 6999-13-72 HWY: NORTHWESTERN AVENUE COUNTY: MARATHON MISCELLANEOUS QUANTITIES SHEET **E**







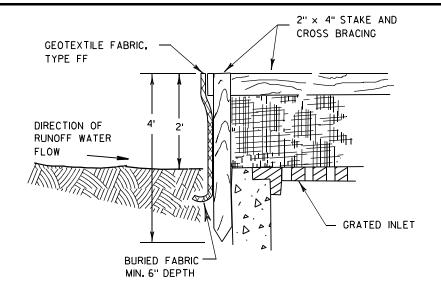


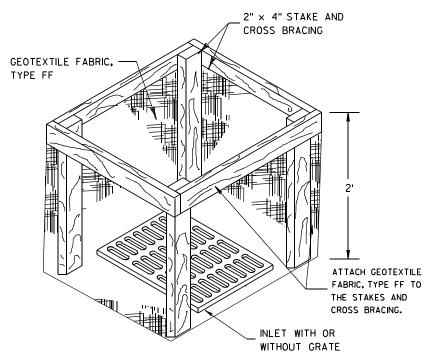


Standard Detail Drawing List

08E10-02	INLET PROTECTION TYPE A, B, C AND D
13C19-03	HMA LONGITUDINAL JOINTS
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15С02-08в	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C08-21A	LONGITUDINAL MARKING (MAINLINE)
15С11-09В	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL

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INLET PROTECTION, TYPE A

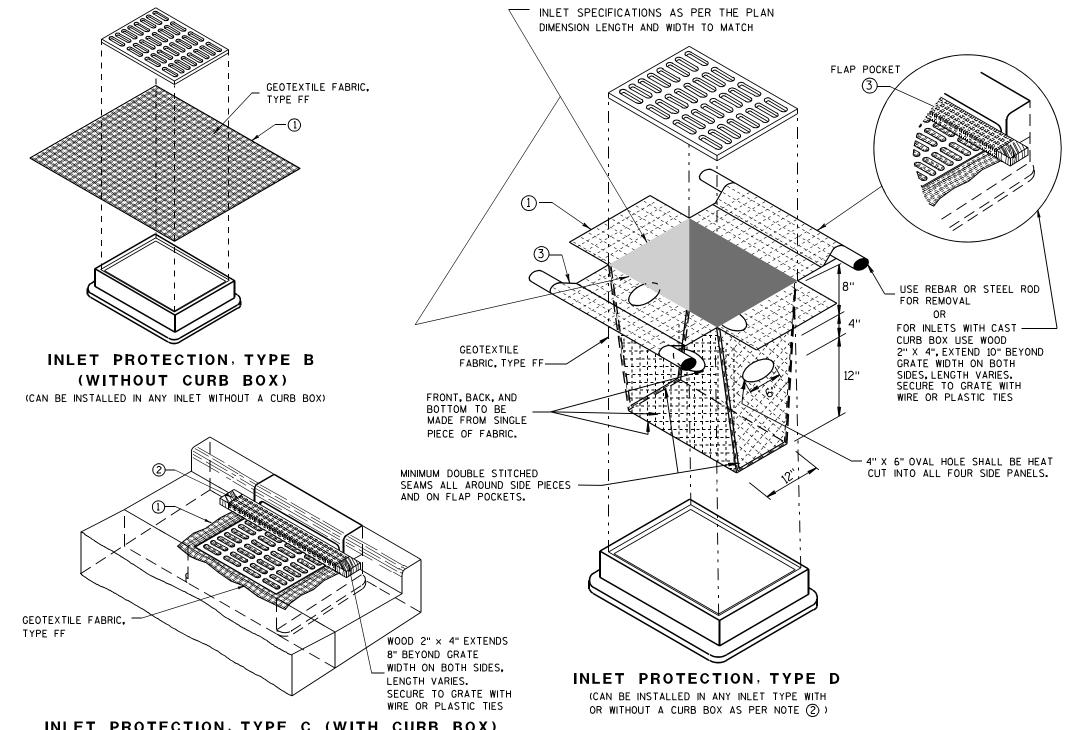
GENERAL NOTES

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

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.



INLET PROTECTION, TYPE C (WITH CURB BOX)

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

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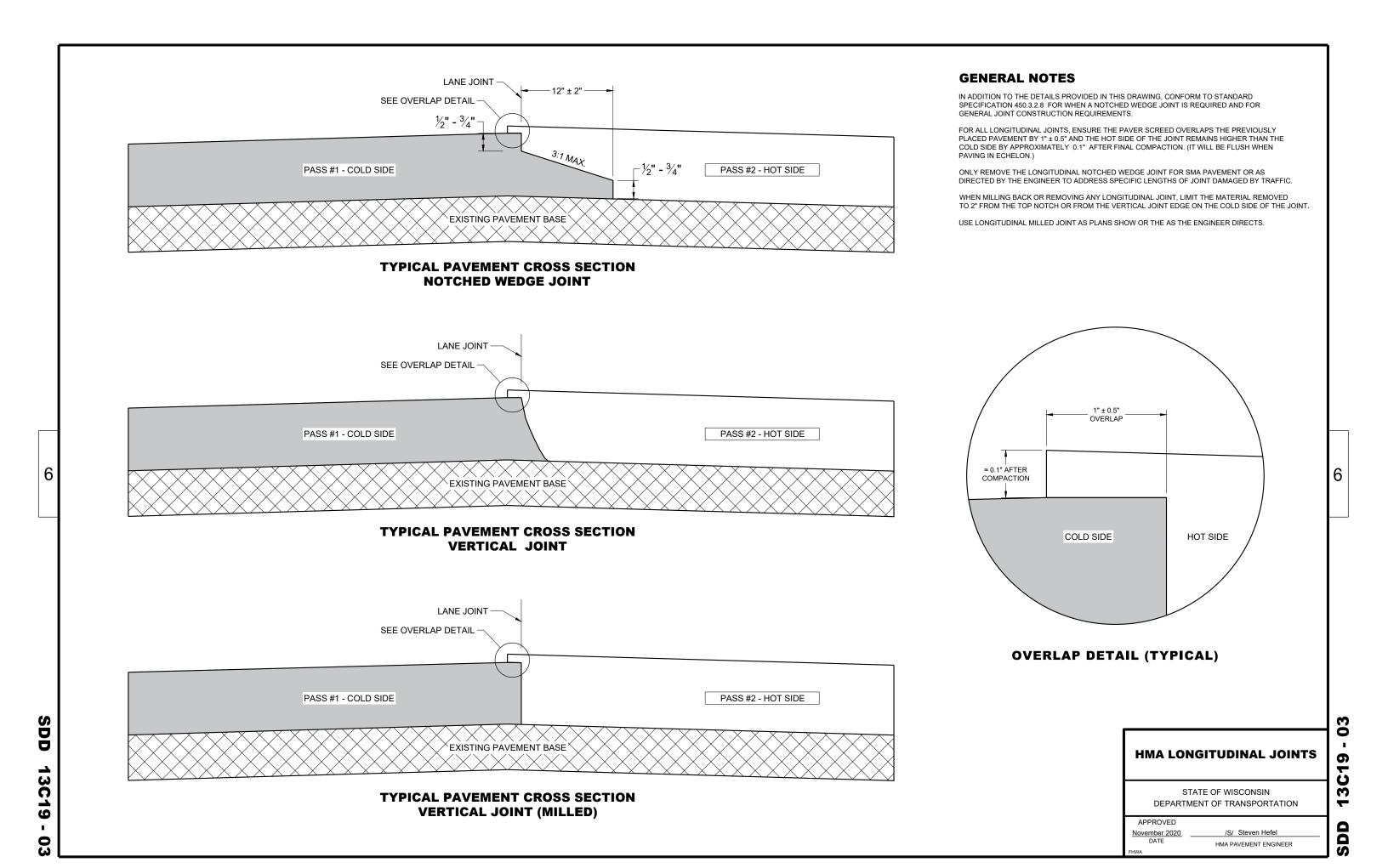
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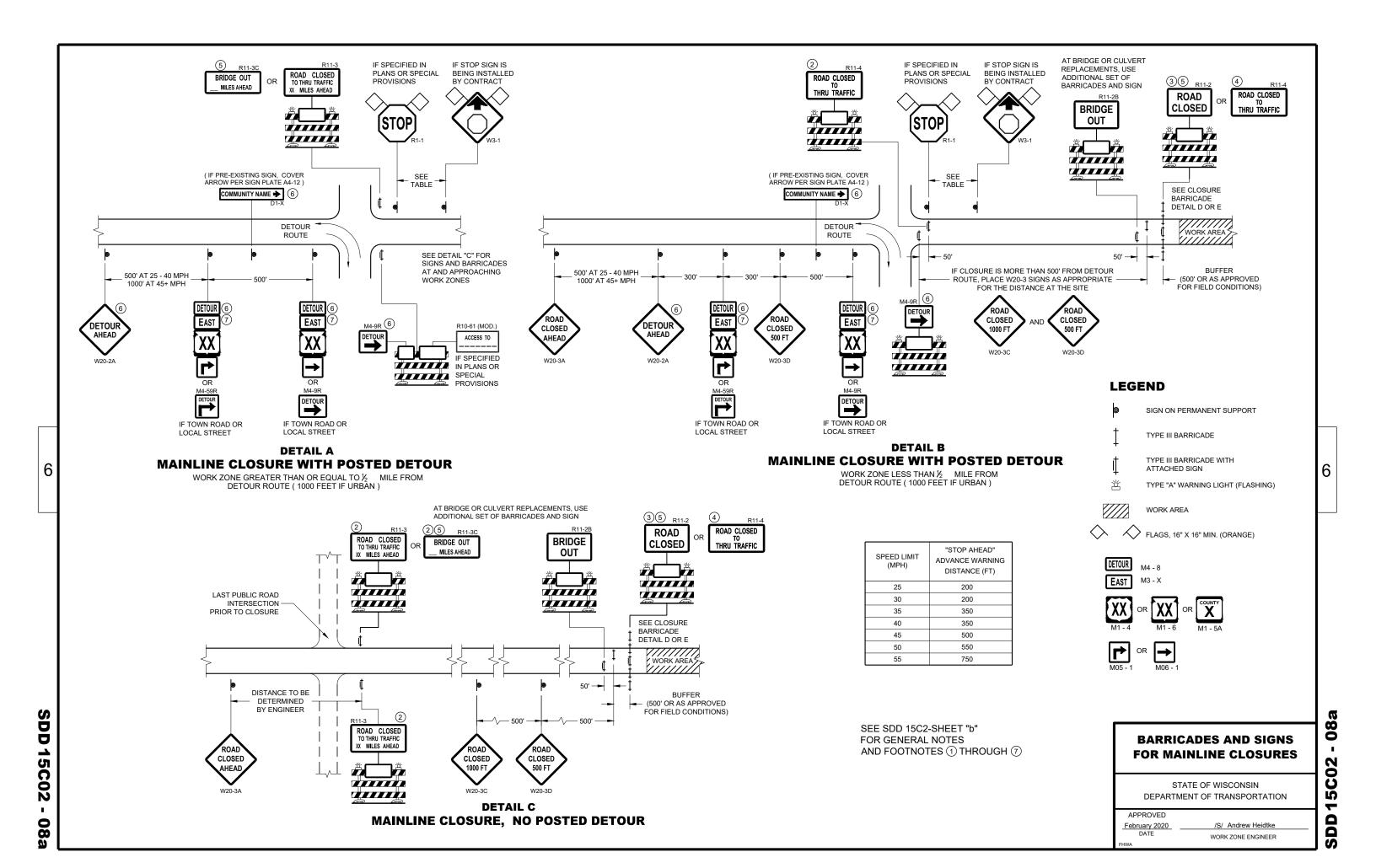
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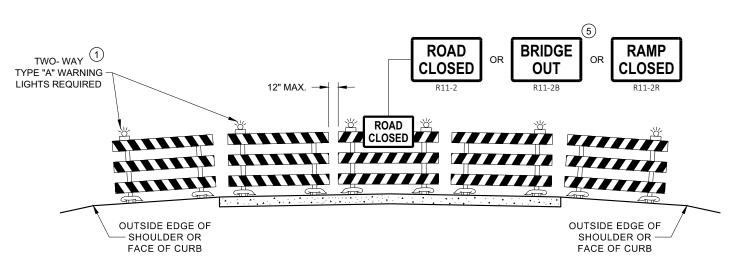
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APF	RO	VED	

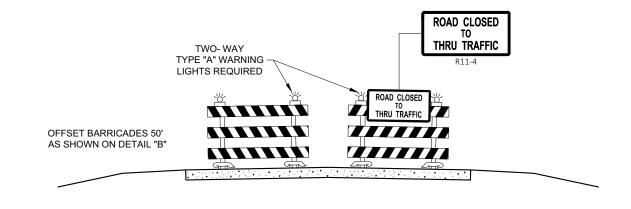
/S/ Beth Cannestra 10/16/02 CHIEF ROADWAY DEVELOPMENT ENGINEER







DETAIL D ROAD CLOSURE BARRICADE DETAIL APPROACH VIEW



DETAIL E LANE CLOSURE BARRICADE DETAIL APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

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

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

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

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS

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

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

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

R11 - 2 SHALL BE 48" X 30"

R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"

M4 - 9 SHALL BE 30" X 24"

M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)

M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)

M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)

MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS) D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

R1 - 1 SHALL BE 36" X 36"

- TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.
- THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.
- (3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".
- (4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".
- (5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 2 AND R11 3 SIGNS.
- (6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.
- (7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

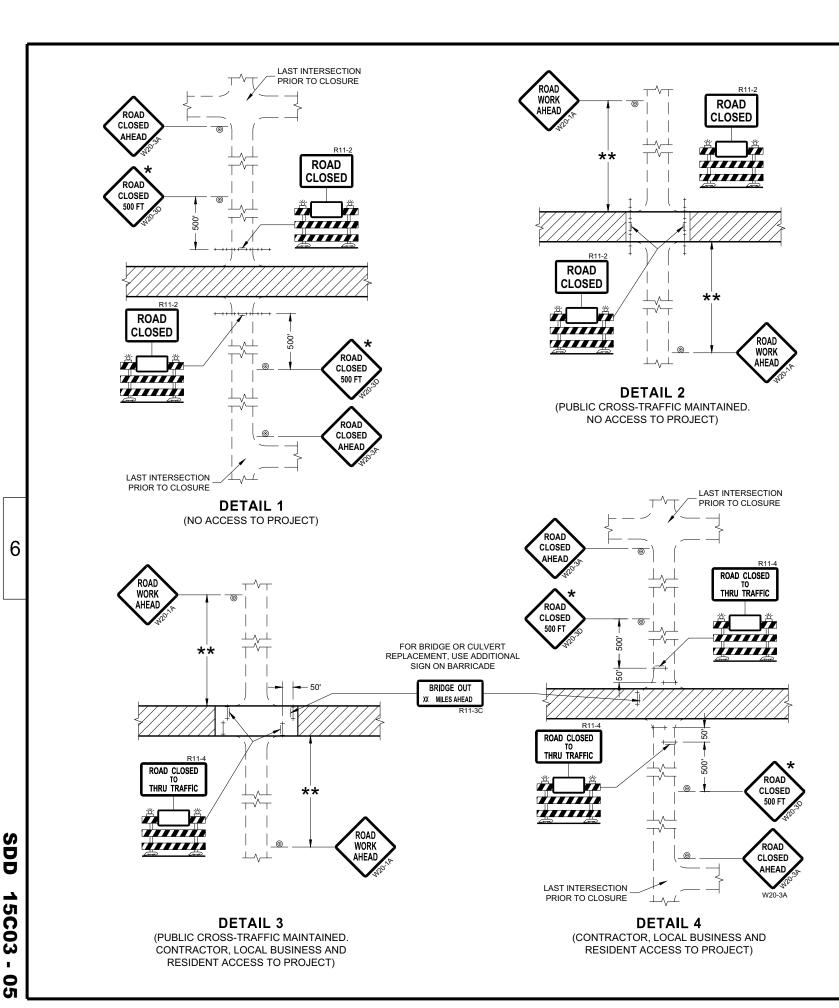
APPROVED

February 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

15C02

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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.

 $\begin{tabular}{l} FA "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED. \\ \end{tabular}$

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

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

TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

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

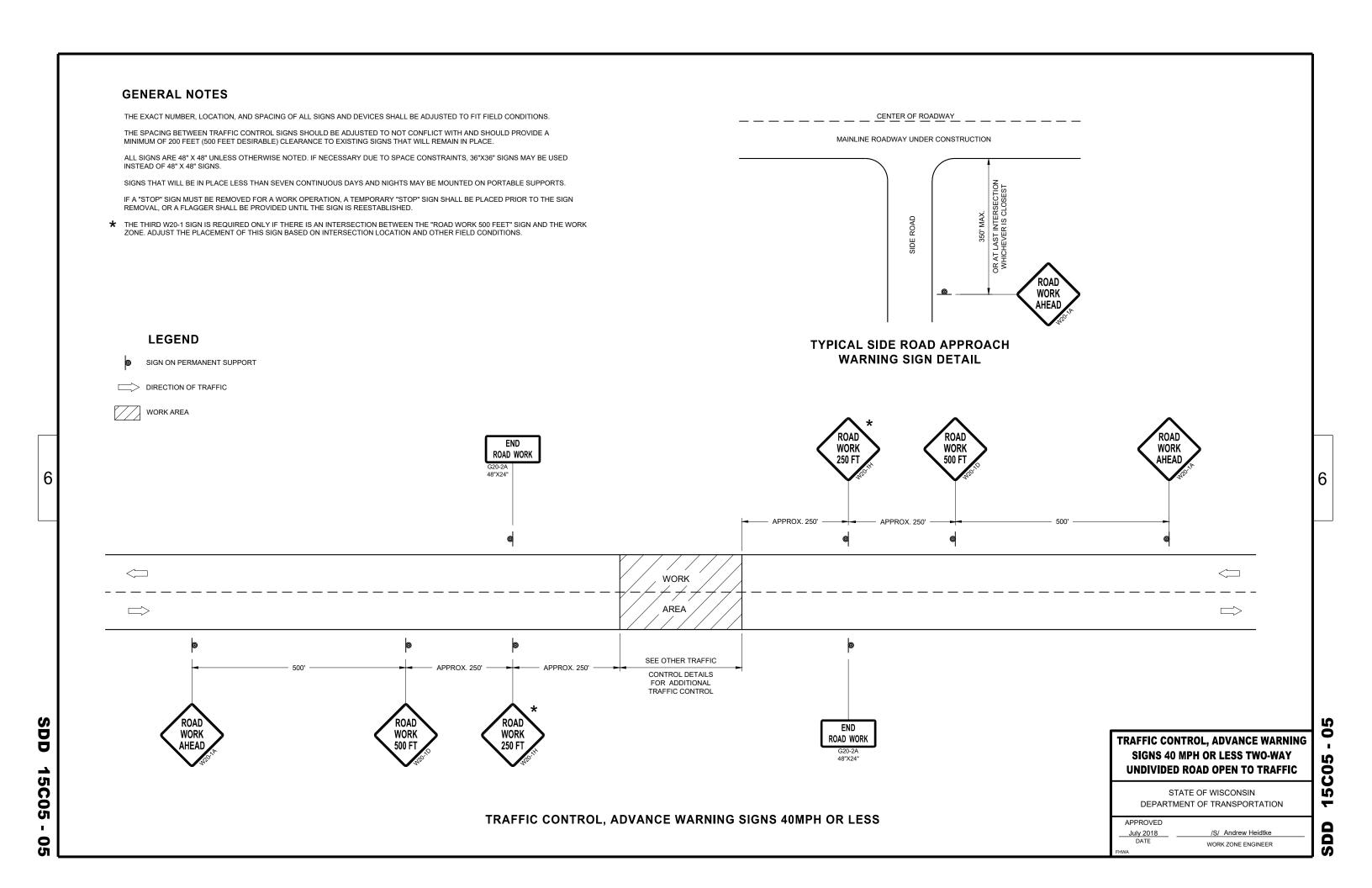
BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

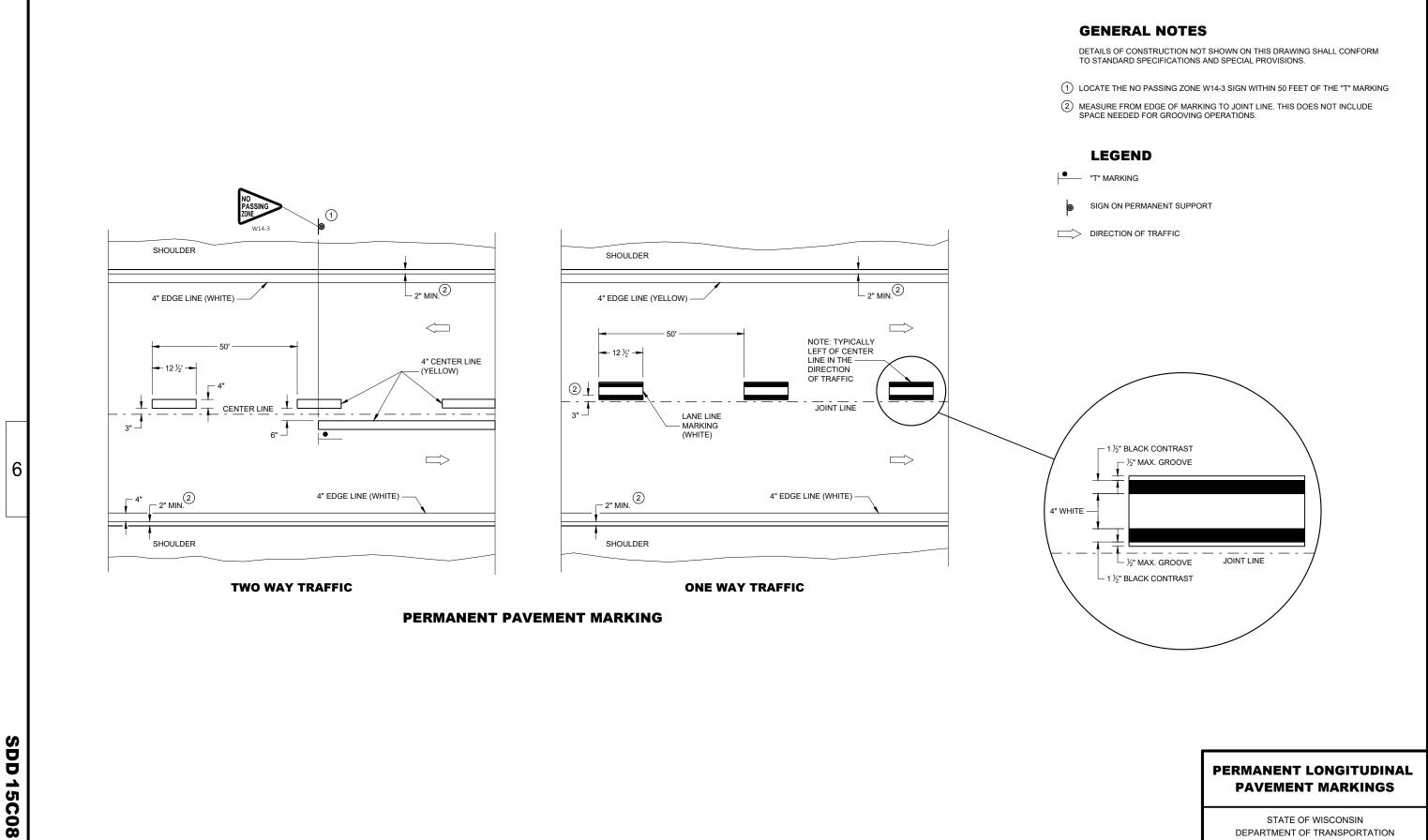
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

 APPROVED
 /S/ Andrew Heidtke

 July 2018
 /S/ Andrew Heidtke

 DATE
 WORK ZONE ENGINEER





2 15C08 SDD

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

/S/ Jeannie Silver
STATEWIDE SIGNING AND MARKING
ENGINEER

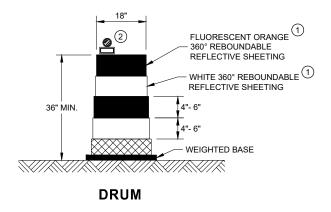
APPROVED

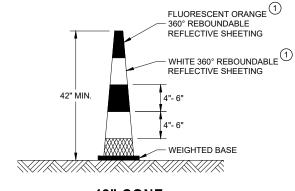
May 2022 DATE

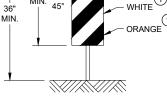
6

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.





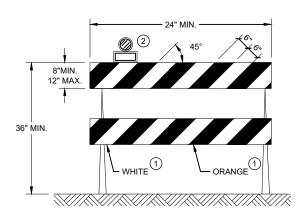


42" CONE

DO NOT USE IN TAPERS ½ SPACING OF DRUMS

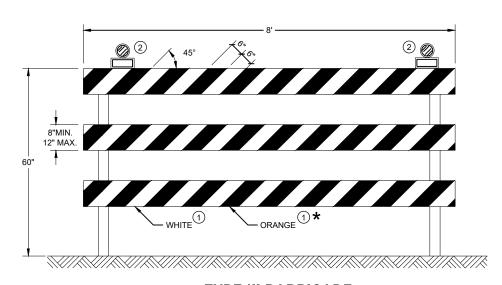
VERTICAL PANEL

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



TYPE II BARRICADE

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



TYPE III BARRICADE

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

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

<u>60</u>

SDD 15

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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

END

WORK

ROAD

A/2

RUMBLE

STRIPS

GENERAL NOTES FLAGGING FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING. ① FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. WORK OPERATION OR AS APPROVED BY THE ENGINEER. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE. (2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER. WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED. THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP TEMPORARY PORTABLE RUMBLE STRIPS WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS. TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED ③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST. INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS. PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS. DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS. SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE BE SPACING "A" SPEED LIMIT USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, PREPARED THIS SIGN SHALL BE LOCATED BETWEEN THE 25-30 MPH TO STOP W20-7A AND W20-4A SIGNS, USING SPACING "A". 35-40 MPH 350' ŔUMBLĖ 45-55 MPH 500' WO3-4 WORK ROAD STRIPS 1 VARIABLE DISTANCE - 200' - 300' (TYP.) |||3 WORK AREA END ROAD WORK 200' - 300' (TYP.) VARIABLE DISTANCE

TRAFFIC CONTROL FOR LANE CLOSURE WITH **FLAGGING OPERATION**

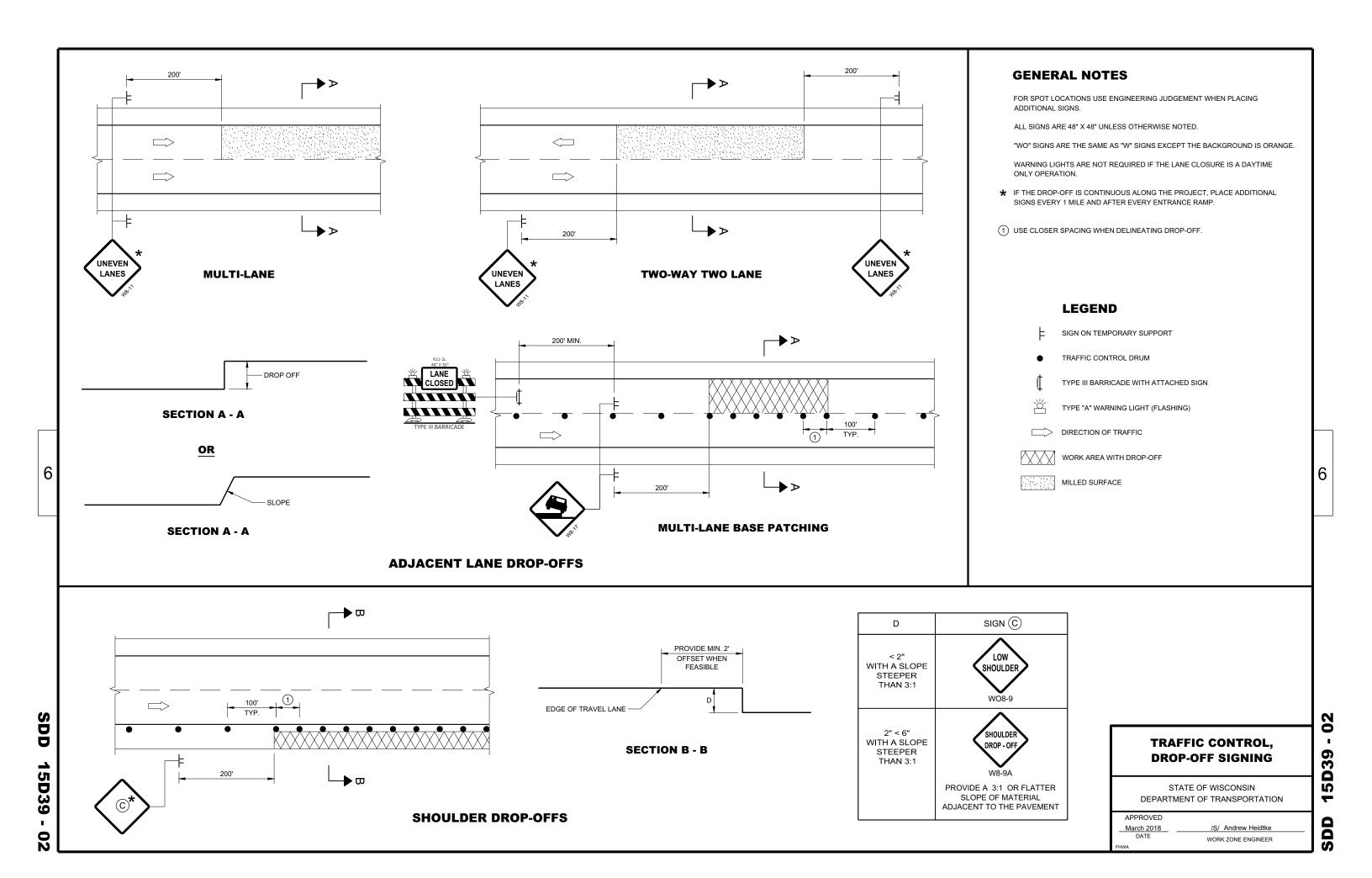
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2022 DATE /S/ Andrew Heidtke WORK ZONE ENGINEER



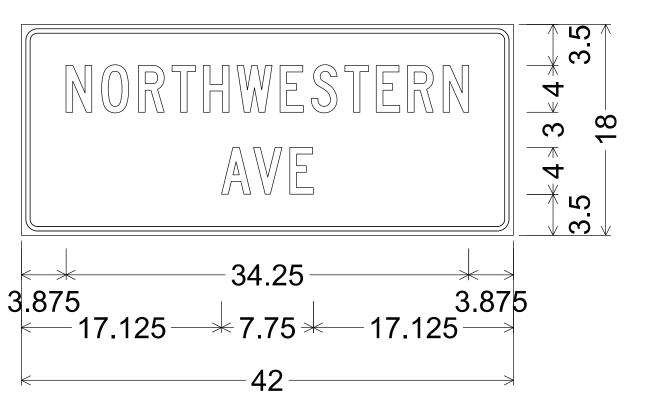
45

50

- 1. Fixed Message Sign Type II Type F Reflective
- 2. Color:

Background - Orange Message - Black

3. Message Series - C



1.375" Radius, 0.375" Border, 0.375" Indent

PROJECT NO: 6999-13-72

HWY: NORTHWESTERN AVENUE

COUNTY: MARATHON

TEMPORARY SIGNING

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_d4_4375a722FMS.dgn

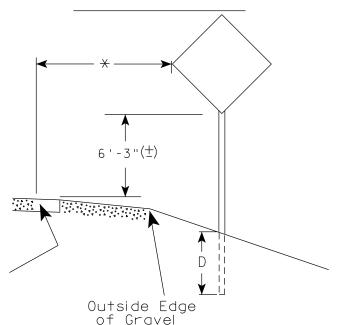
PLOT DATE: 5-JULY 2022 12:01

PLOT BY : dotc4c PLOT NAME :

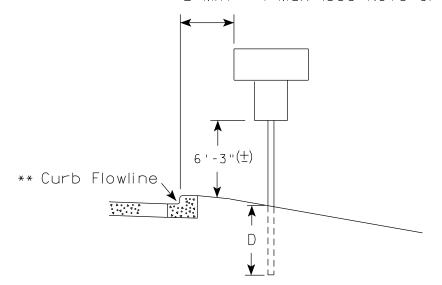
2' Min - 4' Max (See Note 6)

The state of t

White Edgeline Location



2' Min - 4' Max (See Note 6)



White Edgeline Location

geline

Outside Edge
of Gravel

** 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

HWY:

* 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.

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" (\pm). 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" (\pm).

- 3. For expressways and freeways, mounting height is 7'- 3" (\pm) or 6'-3" (\pm) depending upon existence of a sub-sign.
- 4. Minimum mounting height for signs mounted on traffic signal poles is 5' 3'' ($\frac{+}{2}$).
- 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'' (\pm) or as directd by the Engineer.

POST EMBEDMENT DEPTH

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

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rawh

For State Traffic Engineer

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

SHEET NO:

Ε

PROJECT NO:

FILE NAME: C:\CAEfiles\Projects\tr_stdplate\A43.dgn

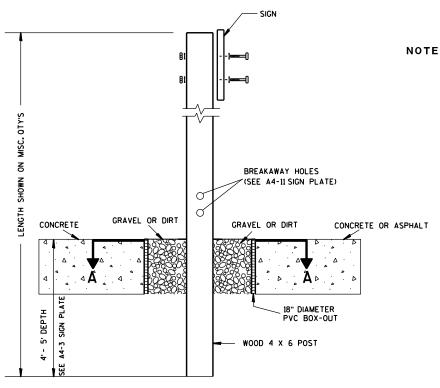
measured from the flow line.

COUNTY: PLOT DATE: 13-MAY 2020 1:04

PLOT BY : mscj9h

PLOT NAME :

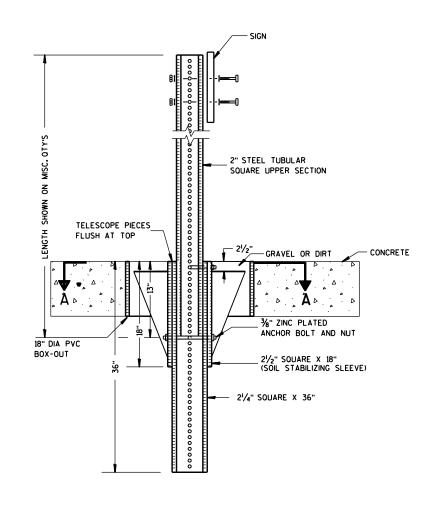
PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42



NOTES: 1. ALL MATERIAL TO BE APPROVED

BY ENGINEER PRIOR TO INSTALLATION

- 2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
- 3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



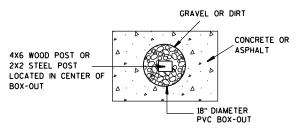
ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT

ELEVATION VIEW

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

HWY:



PLAN VIEW

COUNTY:

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN

PROJECT NO:

PLOT DATE: 27-JAN-2014 09:48

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE : 13.659812:1.000000

APPROVED

- 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'' (\pm) or as directed by the engineer.
- 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).
- * 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.
- ** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.
- $\star\star\star$ See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

D
(Min)
4'
5'

OF TYPE II SIGNS
ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

APPROVED

TYPICAL INSTALLATION

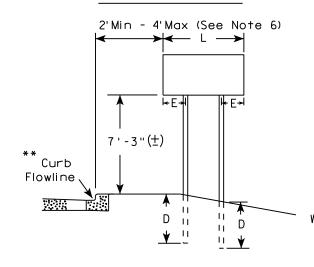
For State Traffic Engineer

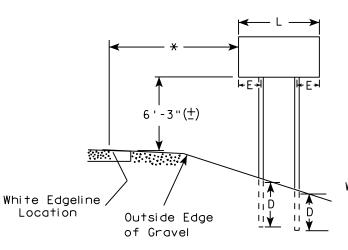
DATE 8/21/17 PLATE NO. A4-4.15

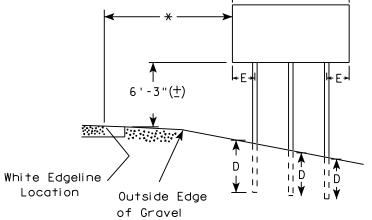
SHEET NO:

URBAN AREA

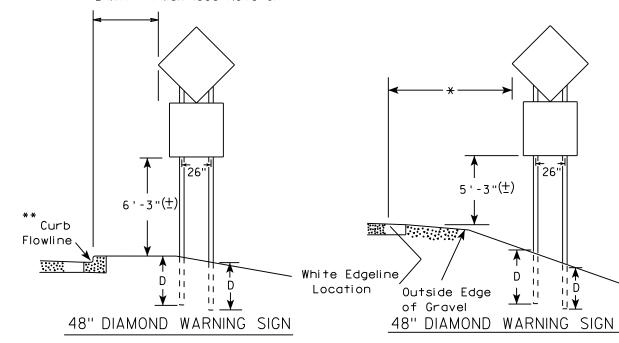
RURAL AREA (See Note 3)







2'Min - 4'Max (See Note 6)



	SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

HWY:

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)			
L	E		
Greater than 108" to 144"	12''		

COUNTY:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A44.DGN

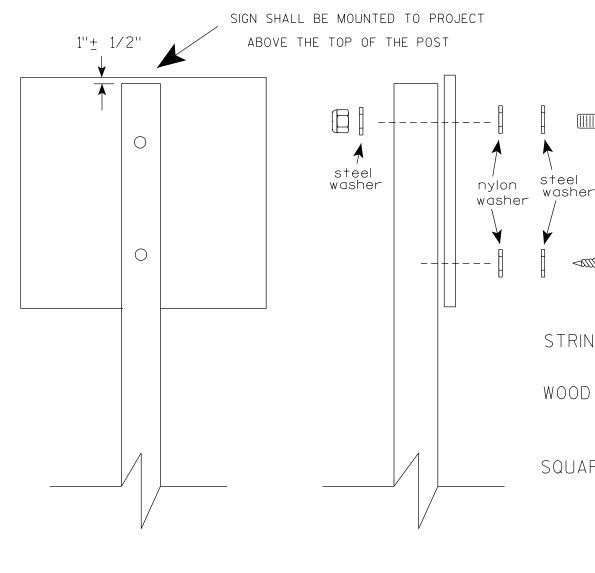
PROJECT NO:

PLOT DATE: 21-AUG-2017 15:54

PLOT BY: \$\$...plotuser...\$\$ PLOT NAME:

PLOT SCALE: 108.188297:1.000000

WISDOT/CADDS SHEET 42



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 - $\frac{5}{16}$ " X 1-3/4" Length w/ lock nuts

WOOD POSTS $(4'' \times 6'')$

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 - 3/32 " (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 $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ " STEEL

1-1/4" O.D. X $\frac{3}{8}$ " 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 Matther

≠or State Traffic Engineer

DATE 4/1/2020

PLATE NO. <u>A4-8.9</u>

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN

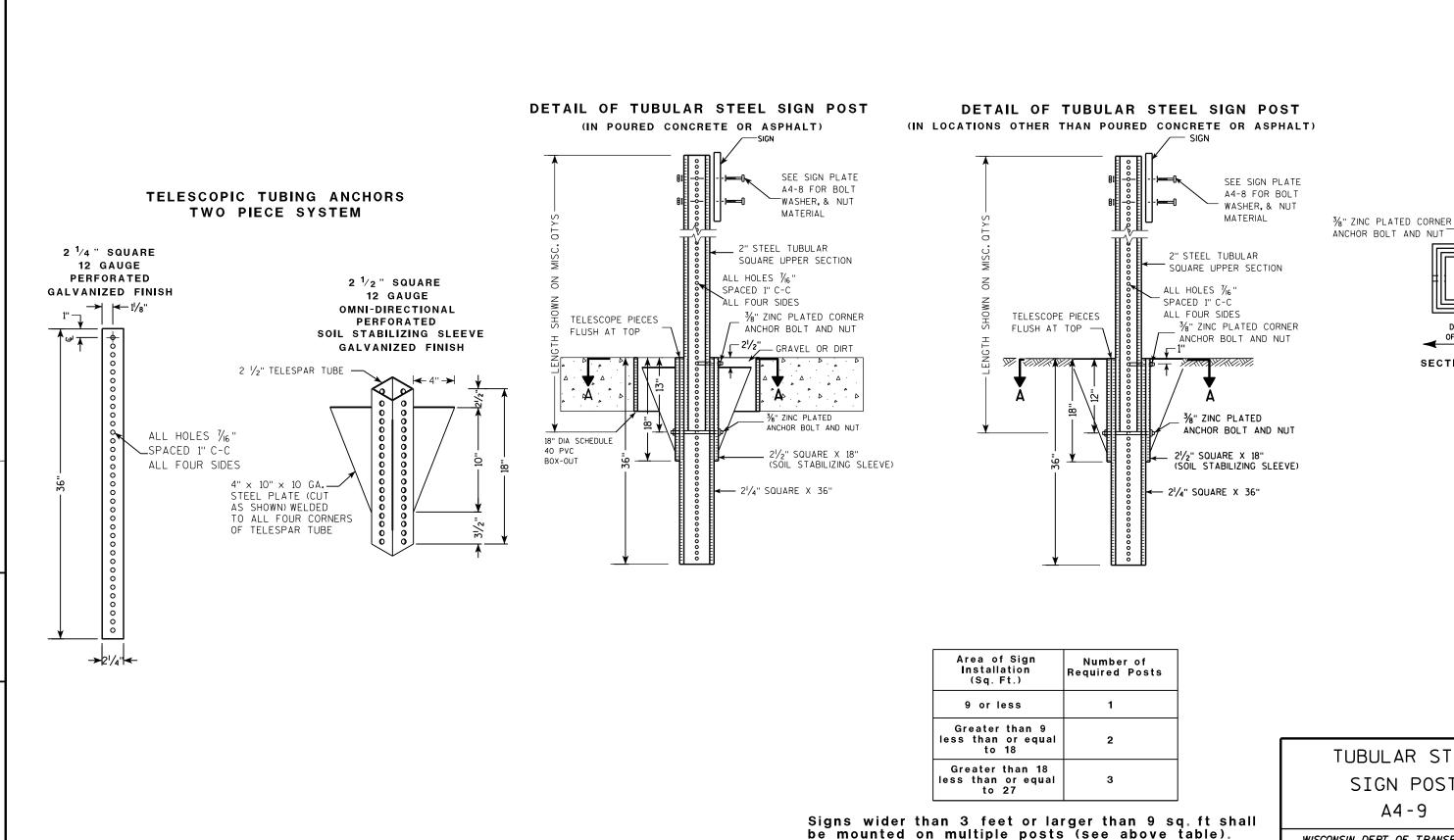
PROJECT NO:

PLOT DATE: 01-APRIL-2020

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

Ε



TUBULAR STEEL SIGN POST A4-9

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer DATE 2/05/15 PLATE NO. <u>A4-9.9</u>

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN

HWY:

PROJECT NO:

PLOT DATE: 05-FEB-2015 17:09

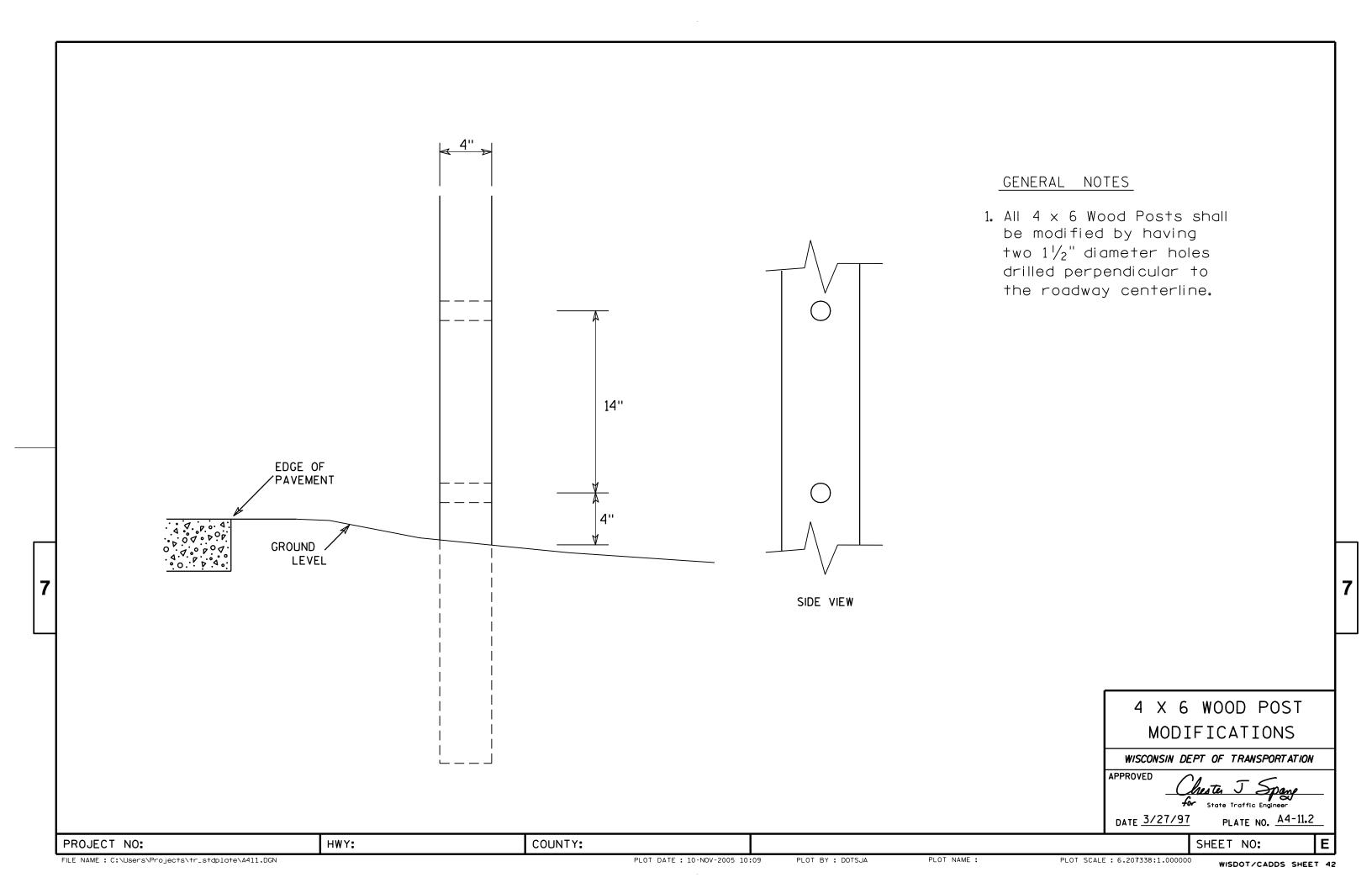
COUNTY:

PLOT NAME :

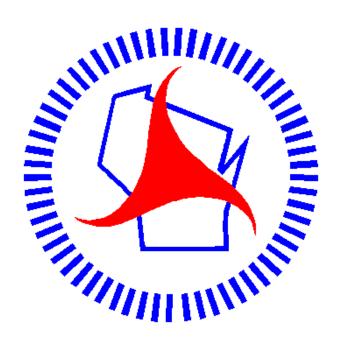
PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

SECTION A-A



Notes



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov