Section No.

Section No. Section No.

TOTAL SHEETS =

Miscellaneous Quantities

Standard Detail Drawings

PROJECT LOCATION

Plan and Profile

Structure Plans

Feb 09, 2021 STATE OF WISCONSIN ORDER OF SHEETS **DEPARTMENT OF TRANSPORTATION** Section No. Typical Sections and Details Estimate of Quantities Section No.

PLAN OF PROPOSED IMPROVEMENT

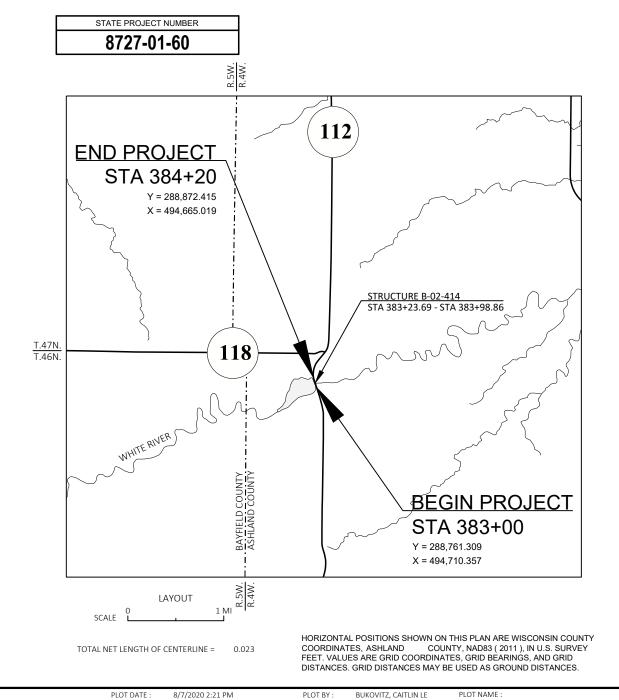
STATE PROJECT CONTRACT PROJECT 8727-01-60

FEDERAL PROJECT

MARENGO - ASHLAND

WHITE RIVER BRIDGE B-02-0414

STH 112 ASHLAND COUNTY



7-01-60

DESIGN DESIGNATION

A.A.D.T.	2015	=	2,000
A.A.D.T.	2039	=	2,500
D.H.V.		=	369
D.D.		=	60/40
T.		=	6.0%
DESIGN SPEED		=	55
ESALS		=	

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS	<u> </u>	GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	_^_
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	_ ROCK_
LIMITED HIGHWAY EASEMENT	L	SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY PROPOSED OR NEW R/W LINE		GRADE ELEVATION	95.36
SLOPE INTERCEPT		CULVERT (Profile View)	0 □
REFERENCE LINE	300'EB'	UTILITIES	
		ELECTRIC	— Е —
EXISTING CULVERT		FIBER OPTIC	—— FO —
PROPOSED CULVERT (Box or Pipe)	_	GAS	— G —
COMBUSTIBLE FLUIDS	M	SANITARY SEWER	—— SAN —
COMBOSTIBLE FLOIDS	-CAUTIÓN>	STORM SEWER	—— ss ——
	7/1	TELEPHONE	— т —
MARSH ARFA	(F F)	WATER	—— w —
WINTER		UTILITY PEDESTAL	Ħ
	m	POWER POLE	占
WOODED OR SHRUB AREA	Ę	TELEPHONE POLE	Ø

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	SURVEYOR
Designer	CAITLIN BUKOVITZ
Project Manager	MATTHEW DICKENSON
Regional Examiner	TOU YANG
Regional Supervisor	JEFFREY OLSON

DATE: 10/26/2020 Matthew of Dickenson Ε

FILE NAME: N:\PDS\C3D\87270130\SHEETSPLAN\87270130_TI.DWG

8/7/2020 2:21 PM

LIST OF STANDARD ABBREVIATIONS

ABUTMENT AGGREGATE AGG. AHEAD AH. APPROX **APPROXIMATE** APRON ENDWALL A.E.W. ASPH. **ASPHALTIC** AVERAGE DAILY TRAFFIC

A.D.T. AZ. BK. A7IMUTH BACK BEGIN BEG. BENCH MARK B.M. CENTER LINE C/L CONC CONCRETE CONST. CONSTRUCTION CO. COLINTY

COUNTY TRUNK HIGHWAY C.T.H. CROSS SECTION X-SEC. CRUSHED CR. CUBIC FEET/SECOND CUBIC YARD CFS C.Y., CU. YD. CULV. CULVERT

D.O.T. DEPARTMENT OF TRANSPORTATION D.H.V. **DESIGN HOUR VOLUME**

DIA. DIAMETER DIRECTIONAL DISTRIBUTION

D. DISCH. OR DIS. DISCHARGE ELECTRIC ELECT. ELEVATION EL. OR ELEV. EMBANKMENT

EXCAVATION BELOW SUBGRADE

EL. OF EMB. E.B.S. EXIST. FERT. F.E. FIN. FT. **EXISTING** FIELD ENTRANCE FINISHED FI. F.L. GA. HORIZ. CWT. INL. LT. FLOW LINE GAUGE HORIZONTAL HUNDREDWEIGHT INLET LEFT

L.H.F. LEFT-HAND FORWARD LIN. LIN. FT. LINEAR FOOT L.S. MAX. LUMP SUM MAXIMUM MI. MISCELLANEOUS MISC.

N.E. NORTH EAST N.W. PAV'T P.C. NORTH WEST PAVEMENT

POINT OF CURVATURE POINT OF INTERSECTION P.I. P.T. P.O.T. POINT OF TANGENCY POINT ON TANGENT LB. P.E. PROJ. PRIVATE ENTRANCE PROJECT RANGE

REQ'D RT. REQUIRED RIGHT R.H.F. RIGHT-HAND FORWARD

R/W RD. SHR. SL. STD. S.D.D. S.T.H. STA. S.P.P.A. STRUCT. SURF. TEL. TN. RIGHT OF WAY SHRINKAGE SLOPE STANDARD

STANDARD DETAIL DRAWINGS STATE TRUNK HIGHWAY

STRUCTURAL PLATE PIPE ARCH STRUCTURE

SLIREACE TELEPHONE

T. UNCL. U.G. TRUCKS (PERCENT OF) UNCLASSIFIED UNDERGROUND

VELOCITY OR DESIGN SPEED V.C. VERTICAL CURVE

HWY: STH 112

GENERAL NOTES

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

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

DETAILS OF CONSTRUCTION NOT SHOWN SHALL BE IN ACCORDANCE WITH THE PERTINENT REQUIREMENTS OF THE

WETLANDS MAY EXIST IN LOCATIONS THAT ARE NOT SHOWN ON THE PLANS. DO NOT STAGE IN OR DISTURB WETLAND AREAS.

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

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

THE 6" ASPHALTIC SURFACE SHALL BE PLACED IN 3 LIFTS.

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

XCEL ENERGY - ELECTRICITY DISTRIBUTION

ATTN: MURRAY SMERER 2400 FARM RD ASHLAND, WI 54806 OFFICE: (715) 682-6928 MOBILE: (715) 209-3071

EMAIL: murray.j.smerer@xcelenergy.com

XCEL ENERGY- WHITE RIVER DAM CONTACT

ATTN: DEAN STEINES 1414 W. HAMILTON AVE P.O. BOX 8 EAU CLAIRE, WI 54702 OFFICE: (715) 715-737-1051 EMAIL: dean.s.steines@xcelenergy.com

WISCONSIN DNR-LIASON

ATTN: SHAWN HASELEU 810 W. MAPLE ST. SPOONER WI 54801 PHONE: (715) 635-4228

EMAIL: shawn.haseleu@wisconsin.gov

WIDSDOT NW REGION

ATTN: MATTHEW DICKENSON - PROJECT MANAGER 1701 N. 4TH ST SUPERIOR, WI 54880 PHONE: (718) 395-3022 EMAIL: matthew.dickenson@dot.wi.gov

ATTN: CAITLIN BUKOVITZ - DESIGN PROJECT LEADER

1701 N. 4TH ST SUPERIOR, WI 54880 PHONE: (715) 392-7975 EMAIL: caitlin.bukovitz@dot.wi.gov

SHEET

8727-01-60 N:\PDS\C3D\87270130\SHEETSPLAN\87270130_GN.DWG FILE NAME :

PROJECT NO:

COUNTY: ASHLAND COUNTY

10/21/2020 2:25 PM

PLOT BY:

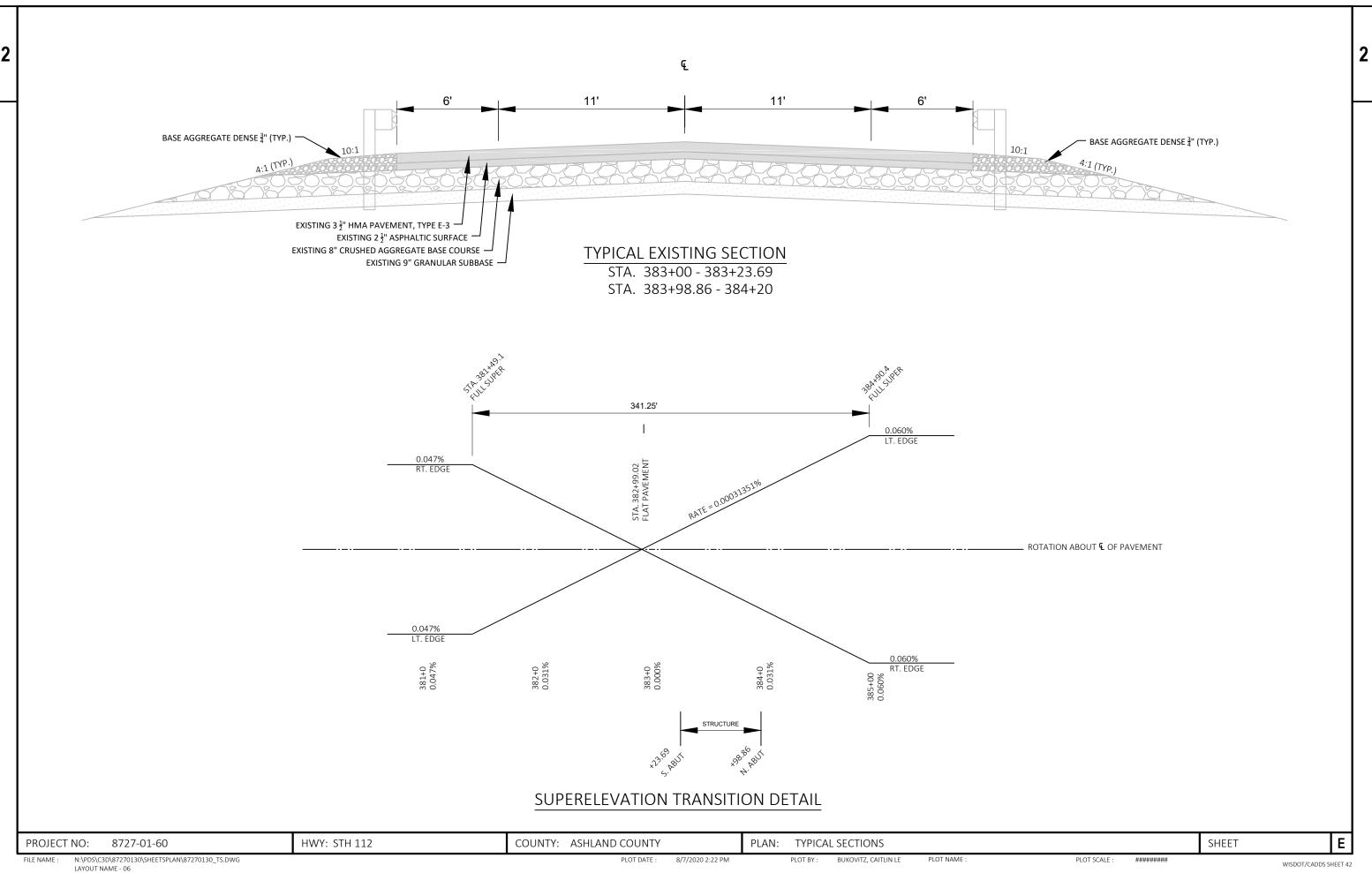
GENERAL NOTES

BUKOVITZ, CAITLIN LE

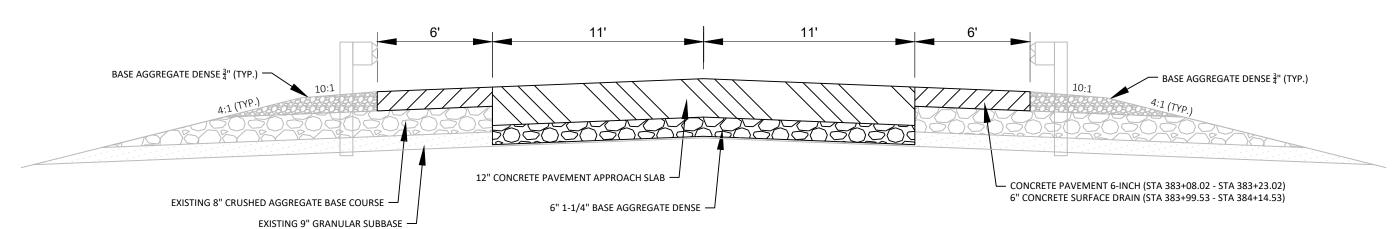
PLOT NAME

PLOT SCALE :

Ε

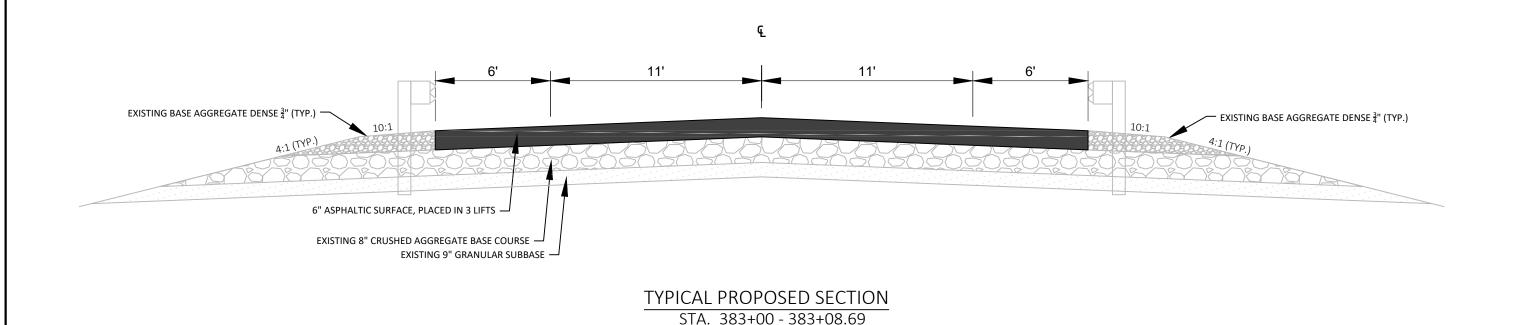






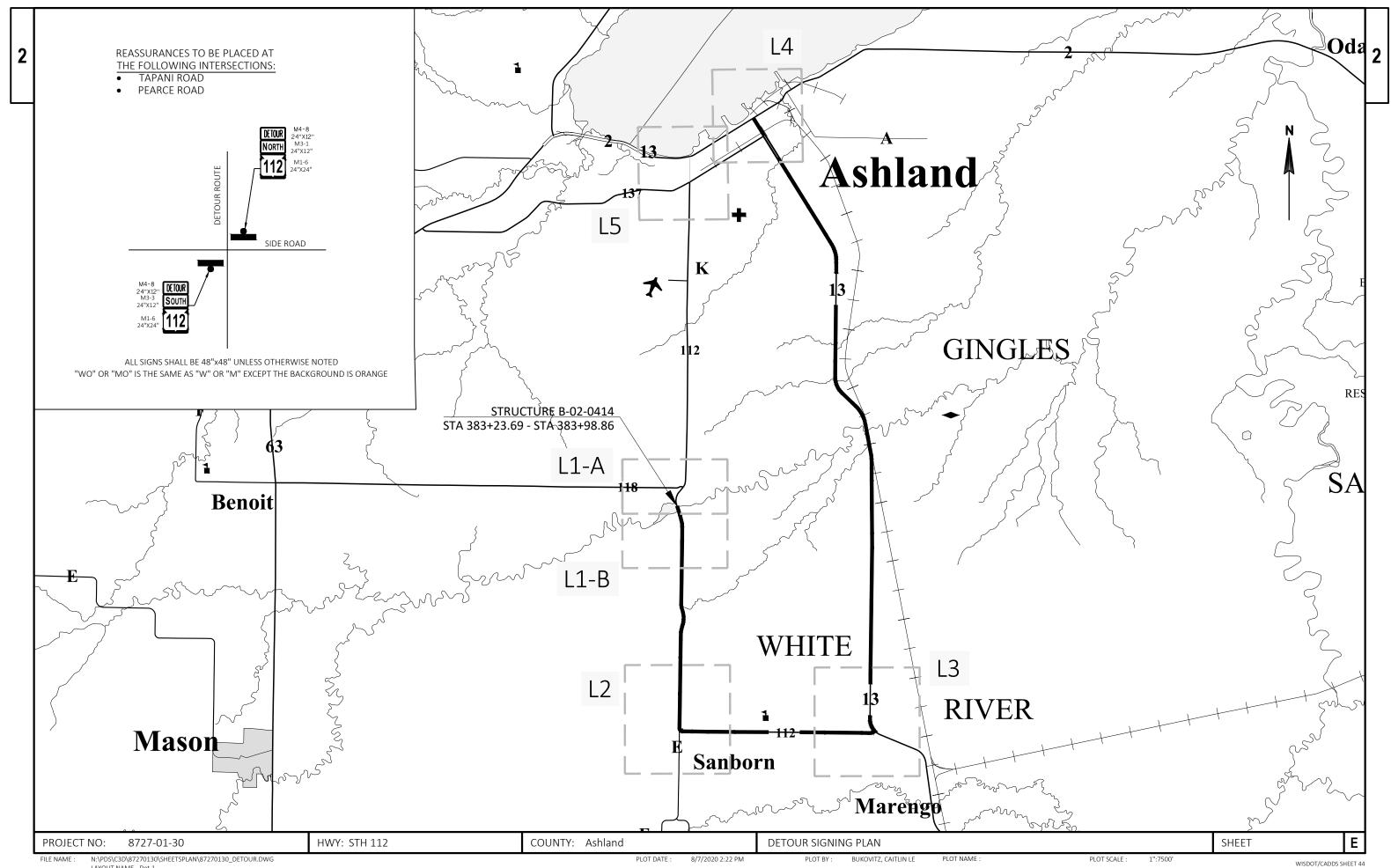
TYPICAL PROPOSED SECTION

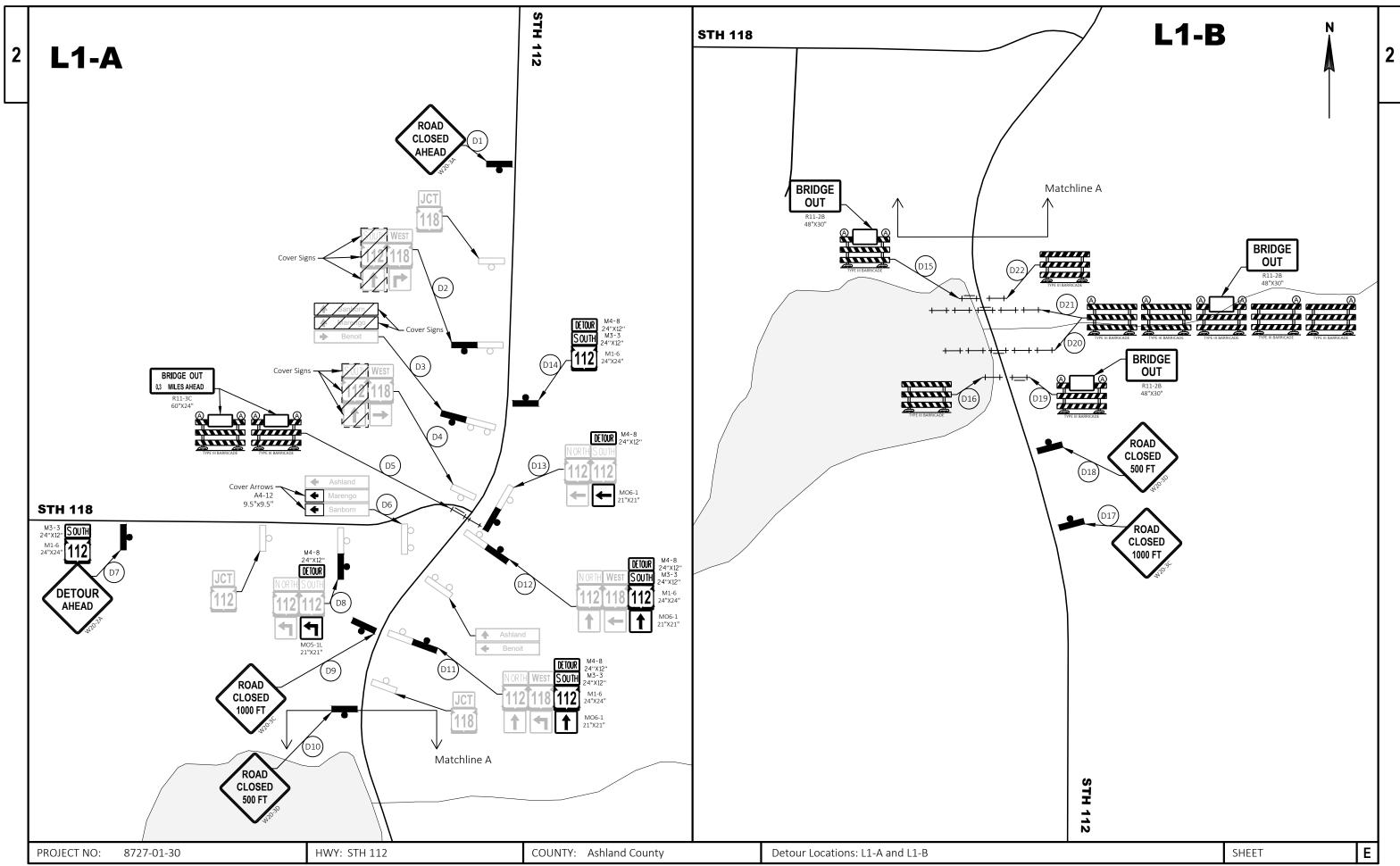
STA. 383+08.69 - 383+23.69 STA. 383+98.86 - 384+13.86

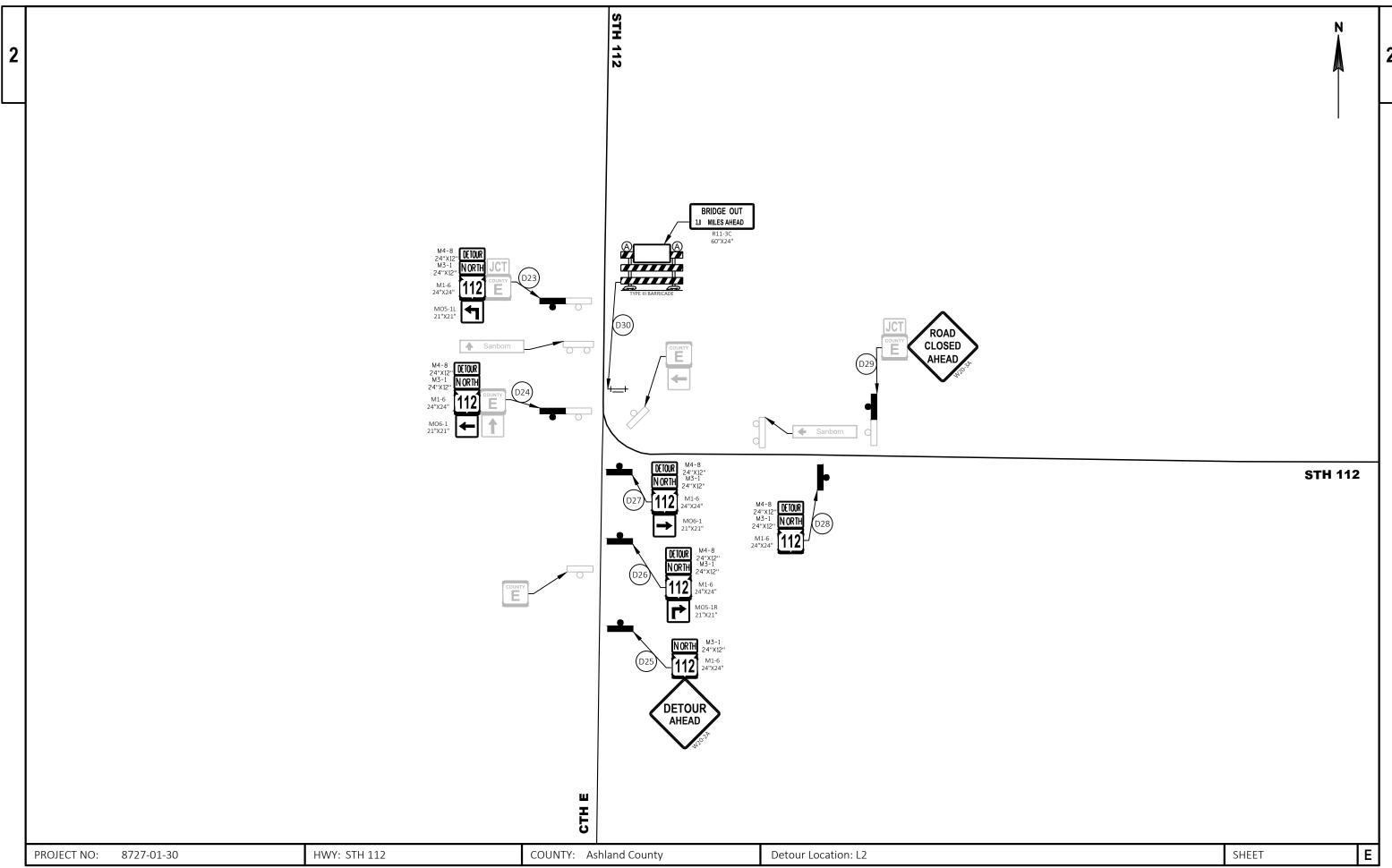


PROJECT NO: HWY: STH 112 COUNTY: ASHLAND COUNTY SHEET Ε 8727-01-60 PLAN: TYPICAL SECTIONS

STA. 384+13.86 - 384+20

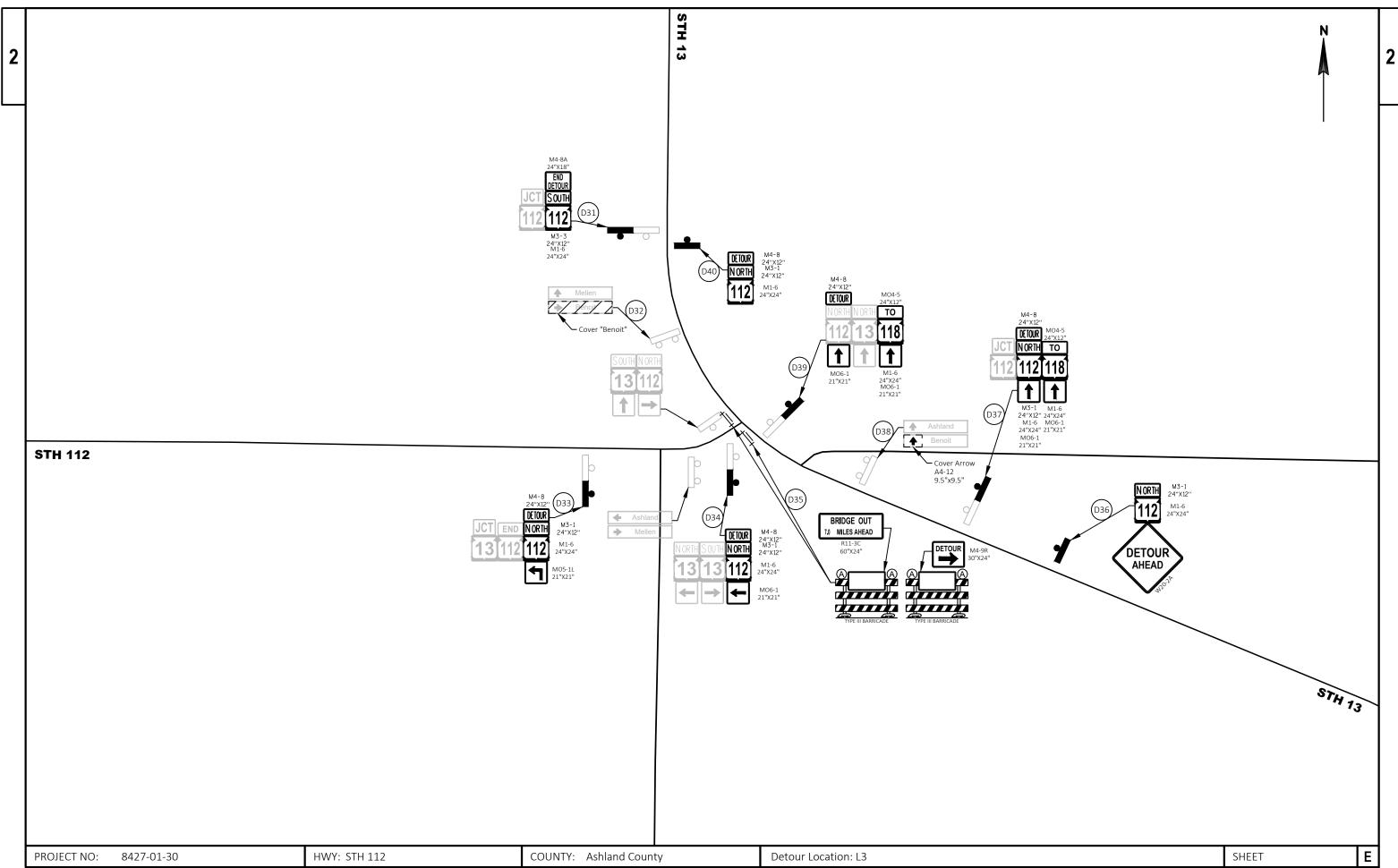






N:\PDS\C3D\87270130\SHEETSPLAN\87270130_DETOUR.DWG LAYOUT NAME - L2 PLOT BY: BUKOVITZ, CAITLIN LE FILE NAME : PLOT DATE : 8/7/2020 2:22 PM PLOT NAME : PLOT SCALE : 1" = 500'

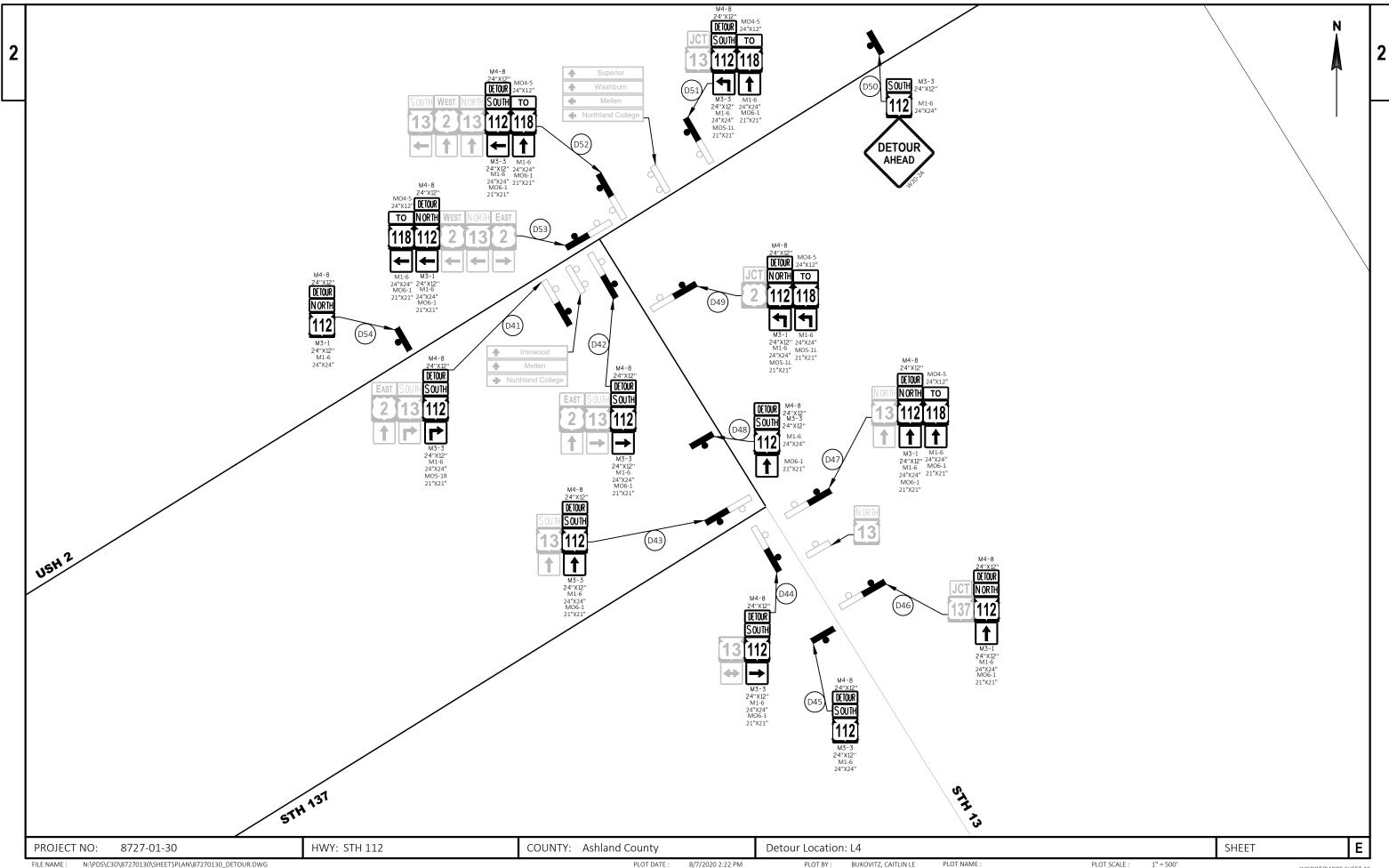
WISDOT/CADDS SHEET 42



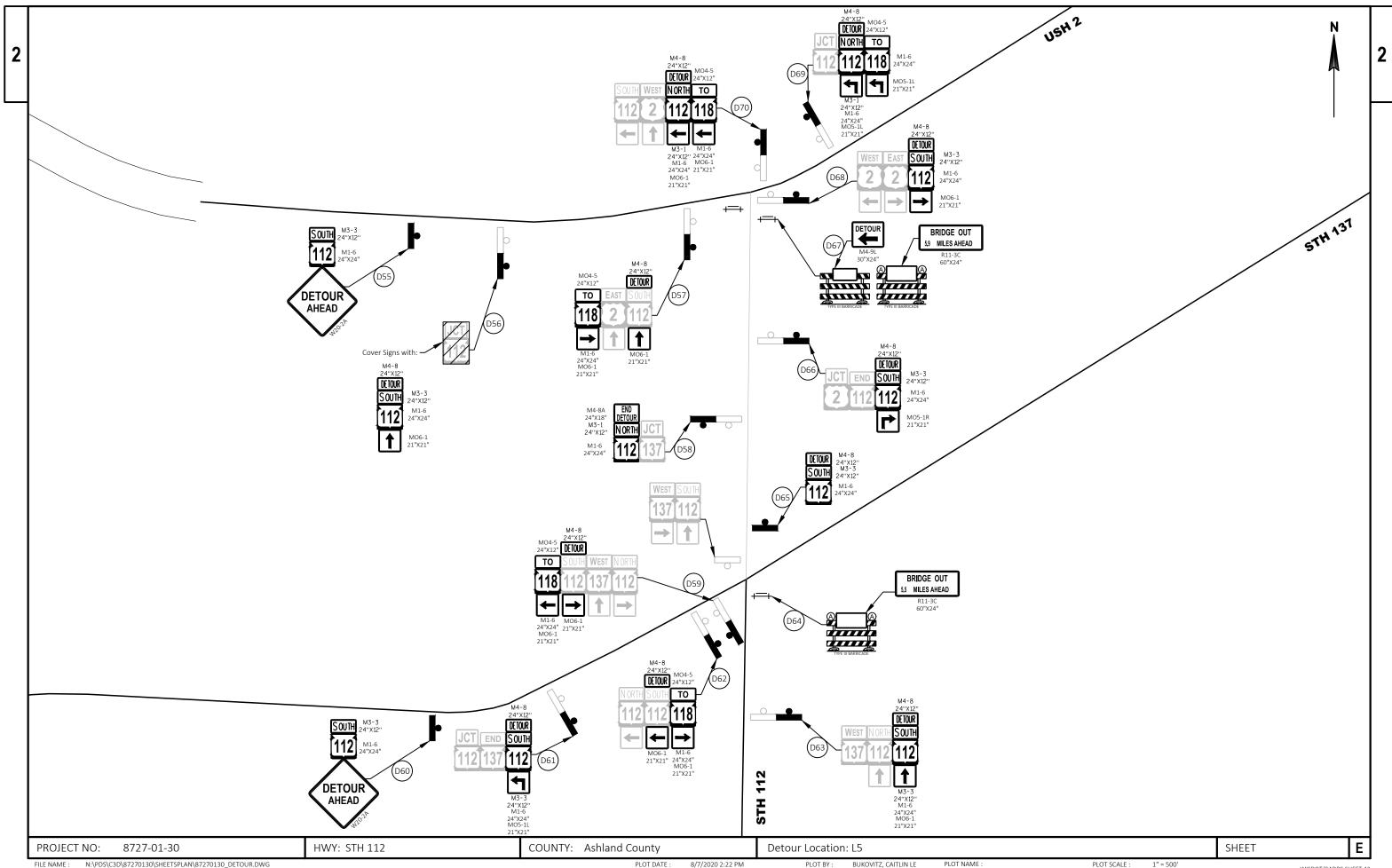
FILE NAME: N:\PDS\C3D\87270130\SHEETSPLAN\87270130_DETOUR.DWG PLOT BY: BUKOVITZ, CAITLIN LE PLOT NAME: 1" = 500'

WISDOT/CADDS SHEET 42

LAYOUT NAME - L3



WISDOT/CADDS SHEET 42



-					8727-01-60
Line	Item	Item Description	Unit	Total	Qty
0002	203.0600.S		LS	1.000	1.000
0004	204.0440	Debris (station) 01. 383+50	0)/	470 000	470.000
0004	204.0110	Removing Asphaltic Surface	SY	170.000	170.000
0006	204.0150	Removing Curb & Gutter	LF	10.000	10.000
8000	204.0190	Removing Surface Drains	EACH	1.000	1.000
0010	206.1000	Excavation for Structures Bridges (structure) 01. B-02-0414	LS	1.000	1.000
0012	210.1500	Backfill Structure Type A	TON	117.000	117.000
0014	213.0100	Finishing Roadway (project) 01. 8727-01-60	EACH	1.000	1.000
0016	415.0060	Concrete Pavement 6-Inch	SY	20.000	20.000
0018	415.0410	Concrete Pavement Approach Slab	SY	74.000	74.000
0020	416.1010	Concrete Surface Drains	CY	4.000	4.000
0022	455.0605	Tack Coat	GAL	9.000	9.000
0024	465.0105	Asphaltic Surface	TON	77.000	77.000
0026	502.0100	Concrete Masonry Bridges	CY	41.000	41.000
0028	502.3200	Protective Surface Treatment	SY	302.000	302.000
0030	502.3210	Pigmented Surface Sealer	SY	78.000	78.000
0032	502.4205	Adhesive Anchors No. 5 Bar	EACH	48.000	48.000
0034	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	4,450.000	4,450.000
0036	509.0301	Preparation Decks Type 1	SY	50.000	50.000
0038	509.0302	Preparation Decks Type 2	SY	25.000	25.000
0040	509.0500	Cleaning Decks	SY	289.000	289.000
0042	509.1500	Concrete Surface Repair	SF	10.000	10.000
0044	509.2000	Full-Depth Deck Repair	SY	1.000	1.000
0046	509.2500	Concrete Masonry Overlay Decks	CY	21.000	21.000
0048	509.9050.S		LF	179.000	179.000
0050	516.0500	Rubberized Membrane Waterproofing	SY	16.000	16.000
0052	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	10.000	10.000
0052	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	134.000	134.000
0056	618.0100	Maintenance And Repair of Haul Roads (project) 01.	EACH	1.000	1.000
0000	010.0100	8727-01-60	LACIT	1.000	1.000
0058	619.1000	Mobilization	EACH	1.000	1.000
0060	628.7010	Inlet Protection Type B	EACH	1.000	1.000
0062	642.5001	Field Office Type B	EACH	1.000	1.000
0064	643.0420	Traffic Control Barricades Type III	DAY	770.000	770.000
0066	643.0705	Traffic Control Warning Lights Type A	DAY	980.000	980.000
0068	643.0900	Traffic Control Signs	DAY	7,665.000	7,665.000
0070	643.0920	Traffic Control Covering Signs Type II	EACH	4.000	4.000
0070	645.0111	Geotextile Type DF Schedule A	SY	30.000	30.000
0072	646.1020	Marking Line Epoxy 4-Inch	LF	480.000	480.000
0074	040.1020	магкіну шпе Ероху 4-іпсп	LF	480.000	480.000

Estimate Of Quantities

Page 2

				;	8727-01-60
Line	Item	Item Description	Unit	Total	Qty
0076	650.6500	Construction Staking Structure Layout (structure) 01. B-02-0414	LS	1.000	1.000
0078	650.8000	Construction Staking Resurfacing Reference	LF	46.000	46.000
0800	650.9910	Construction Staking Supplemental Control (project) 01. 8727-01-60	LS	1.000	1.000
0082	690.0150	Sawing Asphalt	LF	68.000	68.000
0084	715.0502	Incentive Strength Concrete Structures	DOL	410.000	410.000
0086	SPV.0060	Special 01. Cleaning and Painting Bearings	EACH	10.000	10.000

	REMOVING ASPHALTIC SURFACE		DRAINAGE REMOVALS
_	204.0110 TATION TO STATION LOCATION SY 883+00 - 383+24 ML 90	_	REMOVING CURB REMOVING & GUTTER SURFACE DRAINS 204.0150 204.0190 STATION TO STATION LOCATION LF EACH
	83+99 - 384+20 ML 80		383+99 - 384+19 RT 10 1
	TOTAL 0010 170	_	TOTAL 0010 10 1
-	MARKING LINE EPOXY 4-INCH		INLET PROTECTION TYPE B
STATIO	646.1020 N TO STATION LOCATION LF REN	MARKS	628.7010 STATION TO STATION LOCATION EACH
383+00 383+00		LLOW /HITE	384+11 - 384+11 RT 1
355 (00	TOTAL 0010 480		TOTAL 0010 1
	<u>APPROACHES</u>		<u>ASPHALTIC</u>
	PAVEMENT 6-INCH APPROACH SLAB	CONCRETE CURB & CRETE SURFACE GUTTER 30-INCH DRAINS TYPE A 416.1010 601.0409	ASPHALTIC TACK COAT SURFACE 455.0605 465.0105 STATION TO STATION LOCATION GAL TON
383+09 - 383+24 ML 383+99 - 384+14 ML	SY SY 20 37 37	CY LF 10	383+00 - 383+09 ML 5 46 384+14 - 384+20 ML 4 31
TOTAL 0010	20 74	4 10	TOTAL 0010 9 77
	<u>STAKING</u>		
	STAKING RESURFACING SUPPL	TRUCTION STAKING EMENTAL CONTROL CT) (01. 8727-01-60)	SAWING ASPHALT 690.0150
STATION TO STATI	650.8000	650.9910.01 LS	STATION TO STATION LOCATION LF
383+00 - 384+2		1	383+00 - 383+00 ML 34 384+20 - 384+20 ML 34
383+00 - 383+2 383+99 - 384+2			TOTAL 0010 68
	TOTAL 0010 46	1	
PROJECT NO: 8727-01-60	HWY: STH 112	COUNTY: ASHLAND	MISCELLANEOUS QUANTITIES SHEET:

TRAFFIC CONTROL

		A	
TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC	TRAFFIC CONTROL
BARRICADES TYPE	WARNING LIGHTS	CONTROL	COVERING SIGNS
III	TYPE A	SIGNS	TYPE II
643.0420	643.0705	643.0900	643.0920

					BARRICADES TYPE	WARNING LIGHTS	CONTROL	COVERING SIGNS	
					III	TYPE A	SIGNS	TYPE II	
	SIGN	# OF	SIGN		643.0420	643.0705	643.0900	643.0920	
LAYOUT#	GROUP#	SIGNS	CODE	DESCRIPTION	DAY	DAY	DAY	EACH	REMARKS
L1-A	D2			COVER SIGN: SOUTH 112 UP ARROW				1	N OF STH 118/STH 112 INTERSECTION
L1-A	D3			COVER SIGN: UP ARROW SANBORN				1	N OF STH 118/STH 112 INTERSECTION
	***************************************			UP ARROW MARENGO					
L1-A	D4			COVER SIGN: SOUTH 112 UP ARROW				1	N OF STH 118/STH 112 INTERSECTION
L1-A	D5	1	R11-3C	BRIDGE OUT 0.3 MILES AHEAD	35	70	35		S OF STH 118/STH 112 INTERSECTION
500000000000000000000000000000000000000	200112001200120012001200120012001200120	1	R11-3C	BRIDGE OUT 0.3 MILES AHEAD	35	70	35		
L1-A	D6			REPLACE DIRECTIONAL ARROWS WITH:					W OF STH 118/STH 112 INTERSECTION
		1	A4-12	LEFT ARROW (Marengo)			35		
		1	A4-12	LEFT ARROW (Sanborn)			35		
L1-B	D15	1	R11-2B	BRIDGE OUT	35	70	35		N OF B-02-0414
L1-B	D16	-			35				S OF B-02-0414
L1-B	D19	1	R11-2B	BRIDGE OUT	35	70	35		S OF B-02-0414
L1-B	D20	1	R11-2B	BRIDGE OUT	175	210	35		S OF B-02-0414
L1-B	D21	1	R11-2B	BRIDGE OUT	175	210	35		N OF B-02-0414
L1-B	D22	-			35				N OF B-02-0414
L2	D30	1	R11-3C	BRIDGE OUT 3.8 MILES AHEAD	35	70	35		N OF STH 112/CTH E INTERSECTION
L3	D32			COVER SIGN: RIGHT ARROW BENOIT				1	N OF STH 13/STH 112 INTERSECTION
L3	D35	1	R11-3C	BRIDGE OUT 7.0 MILES AHEAD	35	70	35		W OF STH 13/STH 112 INTERSECTION
		1	M4-9R	DETOUR RIGHT ARROW	35		35		
L3	D38	1	A4-12	REPLACE DIRECTIONAL ARROW WITH:			35		S OF STH 13/STH 112 INTERSECTION
				UP ARROW (Benoit)					
L5	D64	1	R11-3C	BRIDGE OUT 5.5 MILES AHEAD	35	70	35		S OF STH 112/STH 137 INTERSECTION
L5	D67	1	M4-9L	DETOUR LEFT ARROW	35		35		S OF USH 2/STH 112 INTERSECTION
		1	R11-3C	BRIDGE OUT 5.9 MILES AHEAD	35	70	35		
				TOTAL 0010	770	980	525	4	•

			<u>TR.</u>	AFFIC CONTROL SIGNS	Δ	
			0.01.005	0.7000177.011	643.0900	25.110.00
LAYOUT#	SIGN GROUP#	# OF SIGNS	SIGN CODE	DESCRIPTION	DAY	REMARKS
L1-A	D1	1	W20-3A	ROAD CLOSED AHEAD	35	N OF STH 118/STH 112 INTERSECTION
L1-A	D7	1	M3-3	SOUTH	35	W OF STH 118/STH 112 INTERSECTION
		1	M1-6	STH 112	35	
		1	W20-2A	DETOUR AHEAD	35	
L1-A	D8	1	M4-8	DETOUR	35	W OF STH 118/STH 112 INTERSECTION
		1	M05-1L	LEFT TURN AHEAD	35	
L1-A	D9	1	W20-3C	ROAD CLOSED 1000 FT	35	S OF STH 118/STH 112 INTERSECTION
L1-A	D10	1	W20-3D	ROAD CLOSED 500 FT	35	S OF STH 118/STH 112 INTERSECTION
L1-A	D11	1	M4-8	DETOUR	35	S OF STH 118/STH 112 INTERSECTION
		1	M3-3	SOUTH	35	
		1	M1-6	STH 112	35	
		1	MO6-1	UP ARROW	35	

SUBTOTAL 0010

420

			<u>TR</u> ,	AFFIC CONTROL SIGNS	A	
					643.0900	
LAYOUT#	SIGN GROUP#	# OF SIGNS	SIGN CODE	DESCRIPTION	DAY	REMARKS
L1-A	D12	1	M4-8	DETOUR	35	S OF STH 118/STH 112 INTERSECTION
	222	1	M3-3	SOUTH	35	3 01 3111 113,3 112 1
		1	M1-6	STH 112	35	
		1	M06-1	UP ARROW	35	
L1-A	D13	1	M4-8	DETOUR	35	W OF STH 118/STH 112 INTERSECTION
		1	M06-1	LEFT ARROW	35	
L1-A	D14	1	M4-4	DETOUR	35	N OF STH 118/STH 112 INTERSECTION
		1	M3-3	SOUTH	35	
		1	M1-6	M1-6	35	
L1-B	D17	1	W20-3C	ROAD CLOSED 1000 FT	35	S OF B-02-0414
L1-B	D18	1	W20-3D	ROAD CLOSED 500 FT	35	S OF B-02-0414
				SUBTOTAL 0010	385	

HWY: STH 112 SHEET: PROJECT NO: 8727-01-60 Ε COUNTY: ASHLAND MISCELLANEOUS QUANTITIES

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SUBTOTAL 0010

TO

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UP ARROW

LEFT ARROW

DETOUR AHEAD

LEFT TURN AHEAD

END DETOUR

RIGHT ARROW

ROAD CLOSED AHEAD

LEFT ARROW

DETOUR AHEAD

RIGHT TURN AHEAD

DESCRIPTION

SIGN GROUP#

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OF SIGNS

SIGN CODE

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M1-6

M06-1

M4-8

M3-1

M1-6

W20-3A

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M06-1

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W20-2A

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M06-1

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DAY REMARKS

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TRAFFIC CONTROL SIGNS

					643.0900	
LAYOUT#	SIGN GROUP #	# OF SIGNS	SIGN CODE	DESCRIPTION	DAY	REMARKS
L3	D40	1	M4-8	DETOUR	35	N OF STH 13/STH 112 INTERSECTION
		1	M3-1	NORTH	35	,
		1	M1-6	STH 112	35	
L4	D41	1	M4-8	DETOUR	35	W OF USH 2/STH 13 INTERSECTION
		1	M3-3	SOUTH	35	
		1	M1-6	STH 112	35	
		1	MO5-1R	RIGHT TURN AHEAD	35	
L4	D42	1	M4-8	DETOUR	35	W OF USH 2/STH 13 INTERSECTION
	5.2	1	M3-3	SOUTH	35	0. 002,0102
		1	M1-6	STH 112	35	
		1	M06-1	RIGHT ARROW	35	
L4	D43	1	M4-8	DETOUR	35	N OF STH 13/STH 137 INTERSECTIO
L-T	D+3	1	M3-3	SOUTH	35	N OF STITES/STITES/ INVERSEE TO
		1	M1-6	STH 112	35	
		1	MO6-1	UP ARROW	35	
L4	D44	1	M4-8	DETOUR	35	W OF STH 13/STH 137 INTERSECTIO
L4	D44	1	M3-3	SOUTH	35	W OI 3III 13/3III 13/ IIVIEKSECHE
		1	M1-6	STH 112	35	
		1	MO6-1	RIGHT ARROW	35	
L4	D45	1	M4-8	DETOUR	35	S OF STH 13/STH 137 INTERSECTION
L4	D43				35 35	3 OF 31H 13/31H 13/ INTERSECTION
		1	M3-3	SOUTH	35 35	
L4	D46	<u>1</u> 1	M1-6	STH 112	35	C OF CTIL 12 /CTIL 127 INTERCECTION
L4	D46		M4-8	DETOUR		S OF STH 13/STH 137 INTERSECTION
		1	M3-1	NORTH	35	
		1	M1-6	STH 112	35	
		1	M06-1	UP ARROW	35	C. O.F. CT.I. 4.2 /CT.I. 4.2.7 INTERSECTION
L4	D47	1	M4-8	DETOUR	35	S OF STH 13/STH 137 INTERSECTION
		1	M3-1	NORTH	35	
		1	M1-6	STH 112	35	
		1	MO6-1	UP ARROW	35	
		1	MO4-5	TO	35	
		1	M1-6	STH 118	35	
	***************************************	1	M06-1	UP ARROW	35	
L4	D48	1	M4-8	DETOUR	35	N OF STH 13/STH 137 INTERSECTIO
		1	M3-3	SOUTH	35	
		1	M1-6	STH 112	35	
	***************************************	1	MO6-1	UP ARROW	35	
L4	D49	1	M4-8	DETOUR	35	S OF USH 2/STH 13 INTERSECTION
		1	M3-1	NORTH	35	
		1	M1-6	STH 112	35	
		1	MO5-1L	LEFT TURN AHEAD	35	
		1	MO4-5	TO	35	
		1	M1-6	STH 118	35	
		1	M05-1L	LEFT TURN AHEAD	35	
				SUBTOTAL 0010	1,540	-

Additional quantity shown on other sheets

HWY: STH 112 SHEET: Ε COUNTY: ASHLAND MISCELLANEOUS QUANTITIES PROJECT NO: 8727-01-60

TRAFFIC CONTROL SIGNS

643.0900

					A 643.0900	
YOUT#	SIGN GROUP#	# OF SIGNS	SIGN CODE	DESCRIPTION	DAY	REMARKS
L4	D50	1	M3-3	SOUTH	35	E OF USH 2/STH 13 INTERSECTION
		1	M1-6	STH 112	35	
******************************		1	W20-2A	DETOUR AHEAD	35	
L4	D51	1	M4-8	DETOUR	35	E OF USH 2/STH 13 INTERSECTION
		1	M3-3	SOUTH	35	
		1	M1-6	STH 112	35	
		1	MO5-1L	LEFT TURN AHEAD	35	
		1	MO4-5	TO	35	
		1	M1-6	STH 118	35	
		1	MO6-1	UP ARROW	35	
L4	D52	1	M4-8	DETOUR	35	E OF USH 2/STH 13 INTERSECTION
		1	M3-3	SOUTH	35	
		1	M1-6	STH 112	35	
		1	MO6-1	LEFT ARROW	35	
		1	MO4-5	TO	35	
		1	M1-6	STH 118	35	
		1	M06-1	UP ARROW	35	
L4	D53	1	M4-8	DETOUR	35	N OF USH 2/STH 13 INTERSECTION
		1	M3-1	NORTH	35	
		1	M1-6	STH 112	35	
		1	MO6-1	LEFT ARROW	35	
		1	MO4-5	TO	35	
		1	M1-6	STH 118	35	
		1	MO6-1	LEFT ARROW	35	
L4	D54	1	M4-8	DETOUR	35	W OF USH 2/STH 13 INTERSECTION
		1	M3-1	NORTH	35	
		1	M1-6	STH 112	35	
L5	D55	1	M3-3	SOUTH	35	W OF USH 2/STH 112 INTERSECTION
		1	M1-6	STH 112	35	
		1	W20-2A	DETOUR AHEAD	35	
L5	D56	1	M4-8	DETOUR	35	W OF USH 2/STH 112 INTERSECTION
		1	M3-3	SOUTH	35	·
		1	M1-6	STH 112	35	
		1	MO6-1	UP ARROW	35	
L5	D57	1	MO4-5	TO	35	W OF USH 2/STH 112 INTERSECTION
		1	M1-6	STH 118	35	,
		1	MO6-1	RIGHT ARROW	35	
		1	M4-8	DETOUR	35	
		1	M06-1	UP ARROW	35	
L5	D58	1	M4-8A	END DETOUR	35	S OF USH 2/STH 112 INTERSECTION
		1	M3-1	NORTH	35	
		1	M1-6	STH 112	35	
L5	D59	1	MO4-5	TO	35	W OF STH 112/STH 137 INTERSECTION
	233	1	M1-6	STH 118	35	
		1	MO6-1	LEFT ARROW	35	
		1	M4-8	DETOUR	35	
		1	MO6-1	RIGHT ARROW	35	

TRAFFIC CONTROL SIGNS

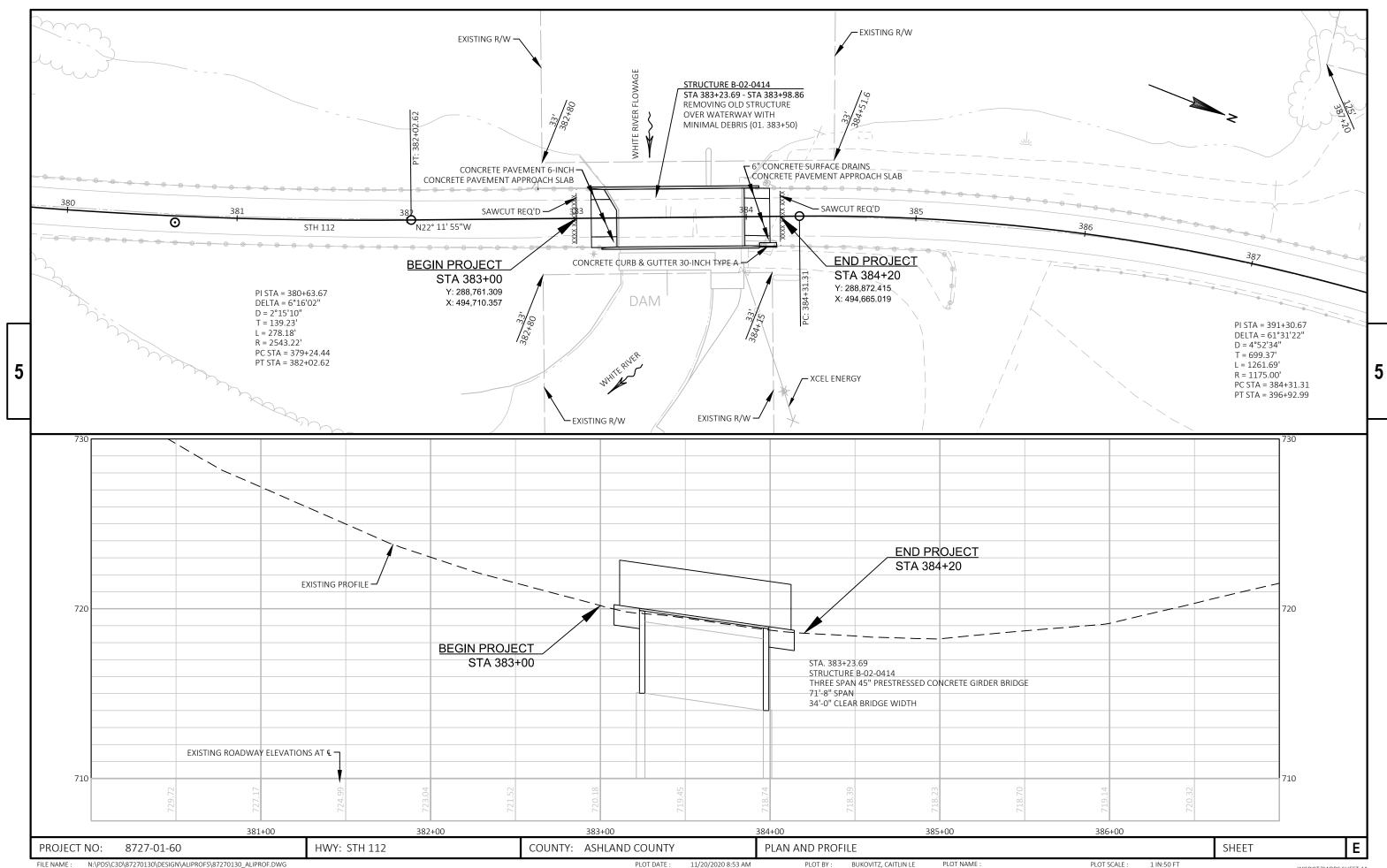
					643.0900	
LAYOUT#	SIGN GROUP#	# OF SIGNS	SIGN CODE	DESCRIPTION	DAY	REMARKS
L5	D60	1	M3-3	SOUTH	35	W OF STH 112/STH 137 INTERSECTION
		1	M1-6	STH 112	35	
		1	W20-2A	DETOUR AHEAD	35	
L5	D61	1	M4-8	DETOUR	35	W OF STH 112/STH 137 INTERSECTION
		1	M3-3	SOUTH	35	
		1	M1-6	STH 112	35	
		1	M05-1L	LEFT TURN AHEAD	35	
L5	D62	1	M4-8	DETOUR	35	W OF STH 112/STH 137 INTERSECTION
		1	M06-1	LEFT ARROW	35	
		1	MO4-5	TO	35	
		1	M1-6	STH 118	35	
		1	MO6-1	RIGHT ARROW	35	
L5	D63	1	M4-8	DETOUR	35	S OF STH 112/STH 137 INTERSECTION
		1	M3-3	SOUTH	35	
		1	M1-6	STH 112	35	
		1	MO6-1	UP ARROW	35	
L5	D65	1	M4-8	DETOUR	35	N OF STH 112/STH 137 INTERSECTION
		1	M3-3	SOUTH	35	
		1	M1-6	STH 112	35	
L5	D66	1	M4-8	DETOUR	35	S OF USH 2/STH 112 INTERSECTION
		1	M3-3	SOUTH	35	
		1	M1-6	STH 112	35	
		1	MO5-1R	RIGHT TURN AHEAD	35	
L5	D68	1	M4-8	DETOUR	35	S OF USH 2/STH 112 INTERSECTION
		1	M3-3	SOUTH	35	
		1	M1-6	STH 112	35	
		1	MO6-1	RIGHT ARROW	35	
L5	D69	1	M4-8	DETOUR	35	E OF USH 2/STH 112 INTERSECTION
		1	M3-1	NORTH	35	
		1	M1-6	STH 112	35	
		1	M05-1L	LEFT TURN AHEAD	35	
		1	MO4-5	TO	35	
		1	M1-6	STH 118	35	
		1	M05-1L	LEFT TURN AHEAD	35	
L5	D70	1	M4-8	DETOUR	35	E OF USH 2/STH 112 INTERSECTION
20	2,0	1	M3-1	NORTH	35	2 0. 002,0 1122
		1	M1-6	STH 112	35	
		1	MO6-1	LEFT ARROW	35	
		1	MO4-5	TO	35	
		1	M1-6	STH 118	35	
		1	MO6-1	LEFT ARROW	35	
			14100-1	LLITANNOW	J.J.	
				TOTAL 0010	7 140	

TOTAL 0010 7,140

▲ Additional quantity shown on other sheets

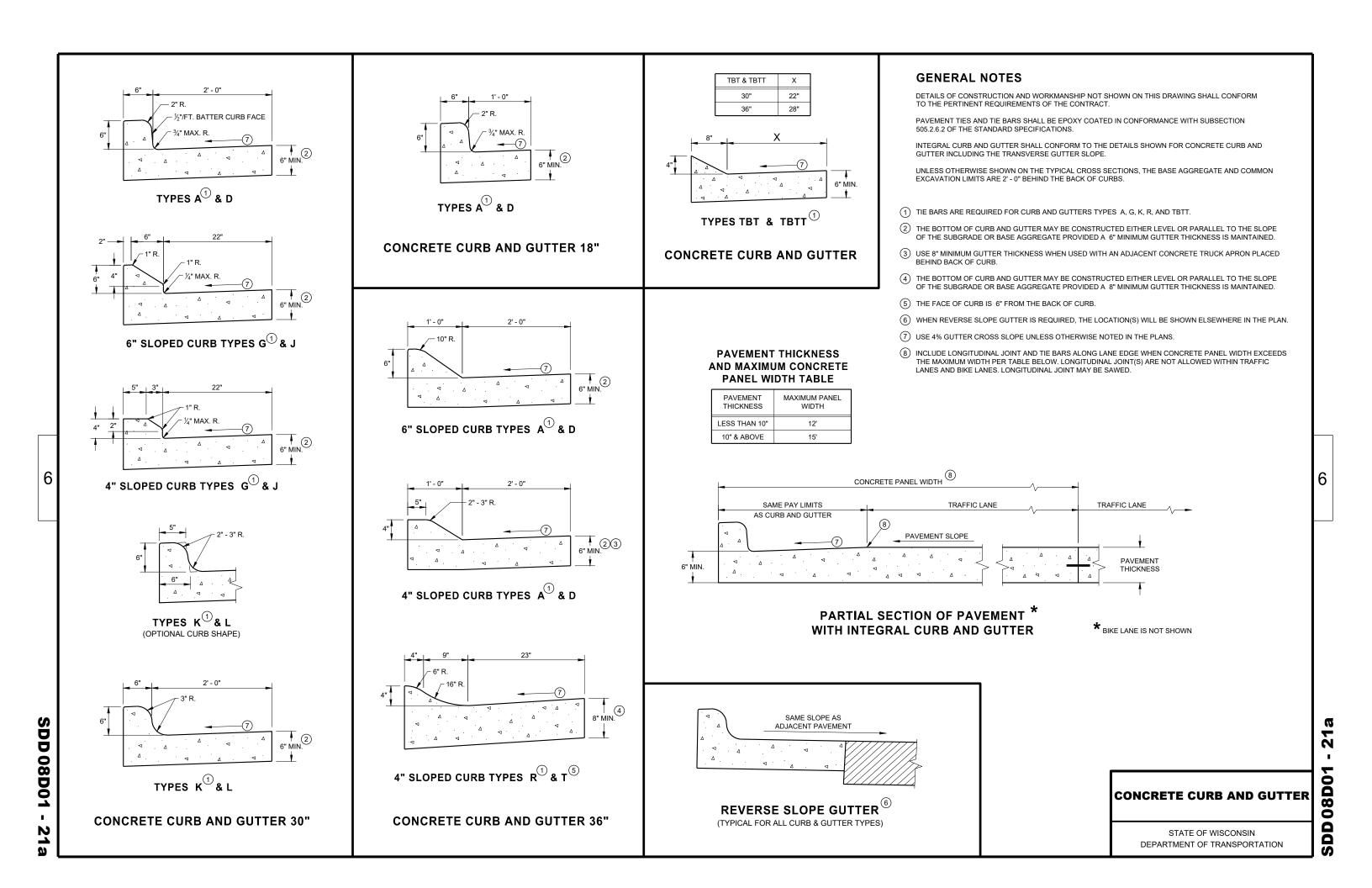
HWY: STH 112 SHEET: Е COUNTY: ASHLAND MISCELLANEOUS QUANTITIES PROJECT NO: 8727-01-60

PLOT NAME : FILE NAME: N:\PDS\...\030200_mq.pptx PLOT DATE: June 14, 1911 PLOT BY: A.R.H. PLOT SCALE: 1:1



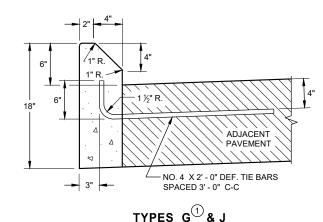
Standard Detail Drawing List

08D01-21A	CONCRETE CURB & GUTTER
08D01-21B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D03-08A	CONCRETE SURFACE DRAINS DROP INLET TYPE AT STRUCTURES
08E10-02	INLET PROTECTION TYPE A, B, C AND D
13B02-09A	CONCRETE PAVEMENT APPROACH SLAB
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-08C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C06-09	SIGNING & MARKING FOR TWO LANE BRIDGES
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS

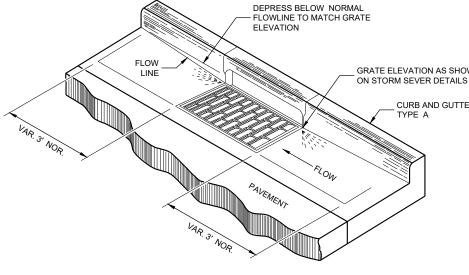


½"/FT. BATTER, FACE OF CURB (ABOVE ADJACENT PAVEMENT) ADJACENT PAVEMENT - NO. 4 X 2' - 0" DEF. TIE BARS

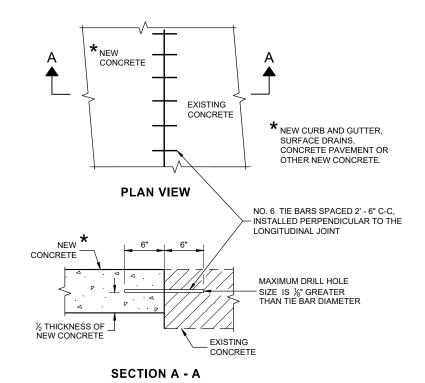
TYPES A D



CONCRETE CURB



GRATE ELEVATION AS SHOWN ON STORM SEVER DETAILS CURB AND GUTTER **DETAIL OF CURB AND GUTTER AT INLETS** (TYPICAL H INLET COVER SHOWN)



TIE BARS DRILLED INTO EXISTING PAVEMENT

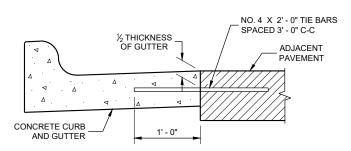
GENERAL NOTES

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

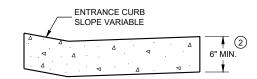
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

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

- 1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
- 2 THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- 9 REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION $^{\scriptsize{\scriptsize{\scriptsize{\scriptsize{\scriptsize{1}}}}}}$



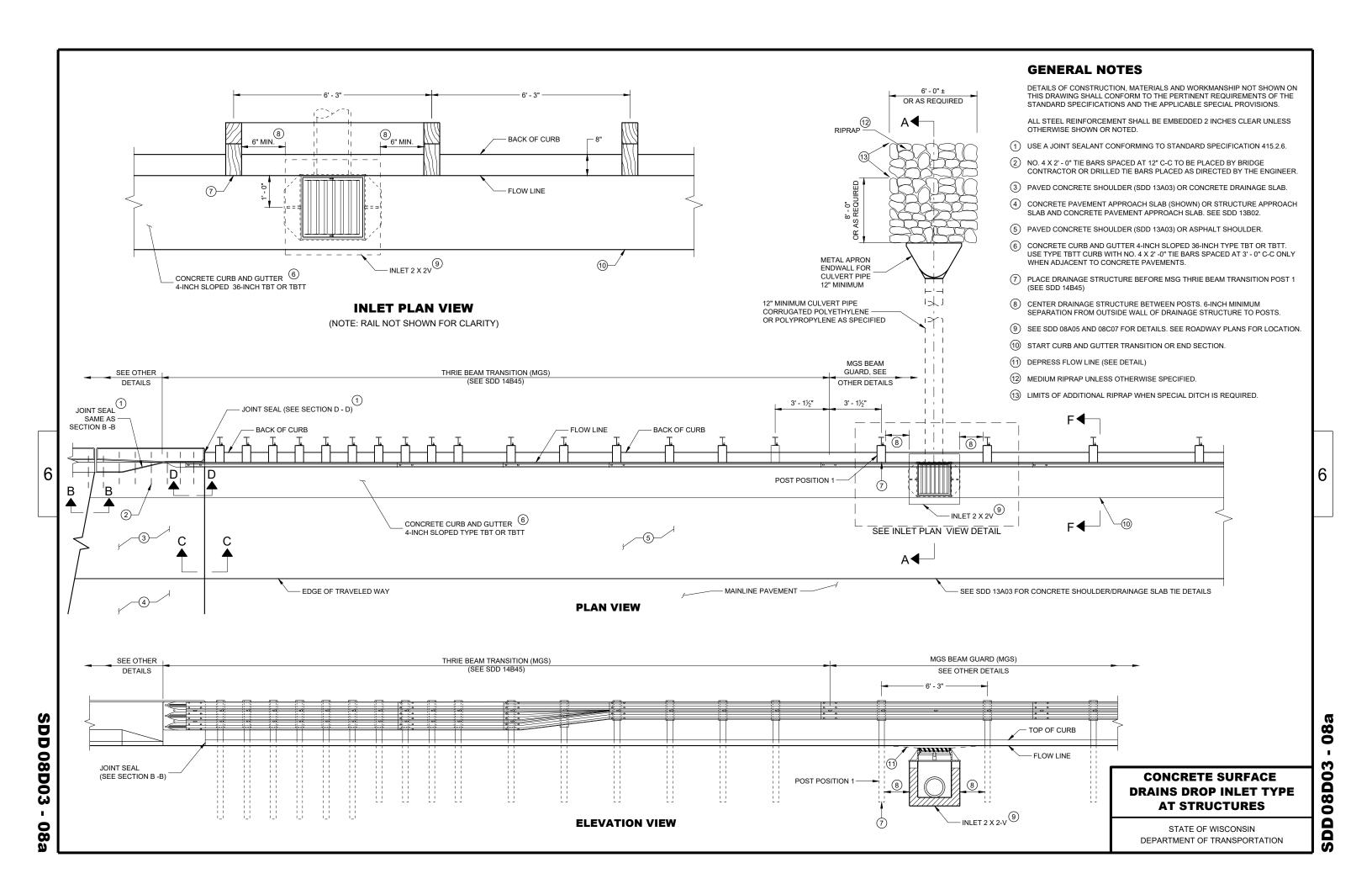
DRIVEWAY ENTRANCE CURB® (WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED /S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
ENGINEER February 2020 DATE

N **08DO**,







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

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

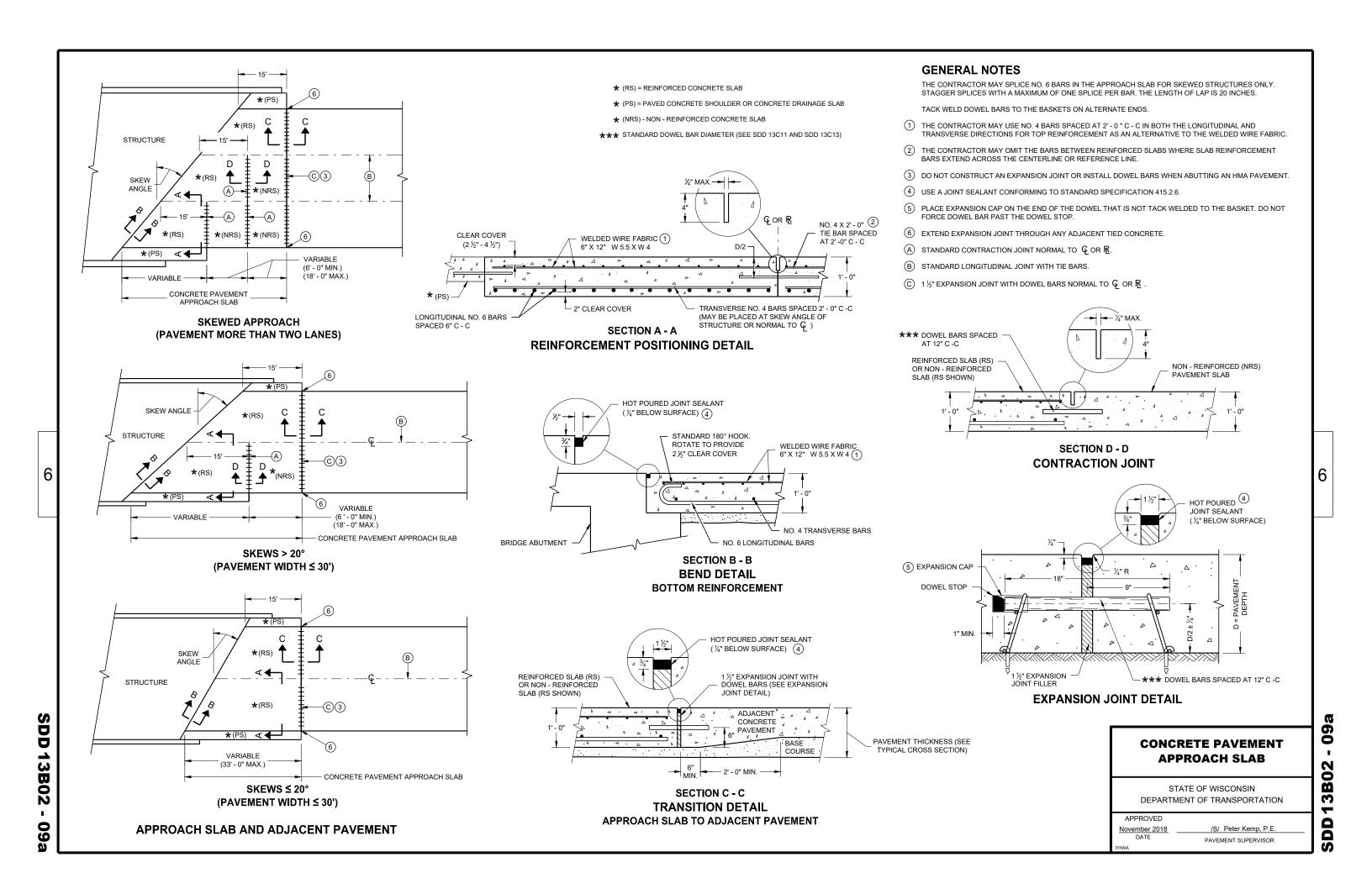
10/16/02

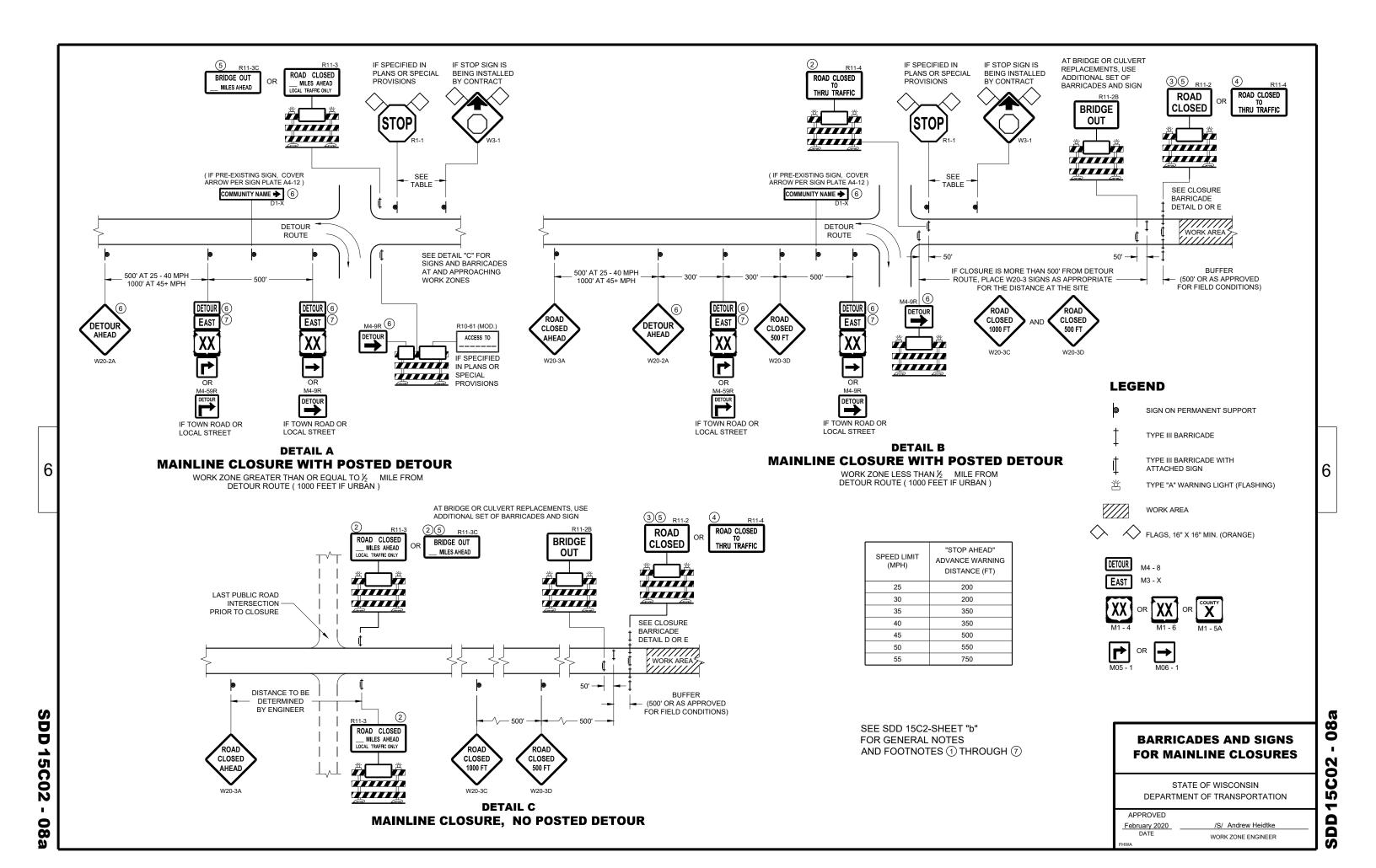
/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER 6

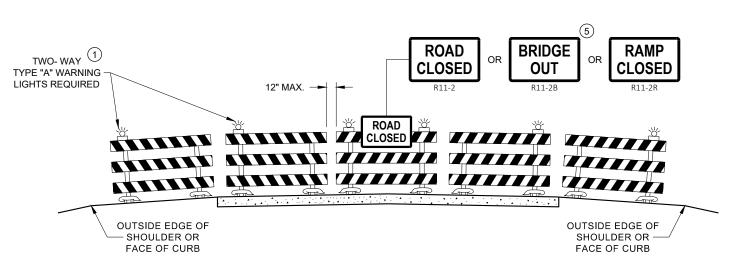
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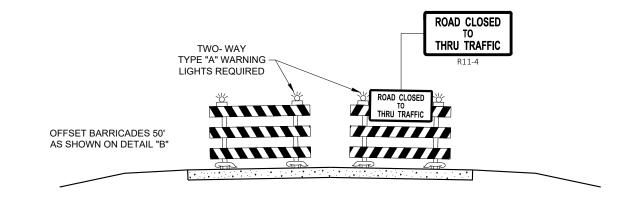
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DETAIL D ROAD CLOSURE BARRICADE DETAIL APPROACH VIEW



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

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 <u>WITHOUT</u> 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
- "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

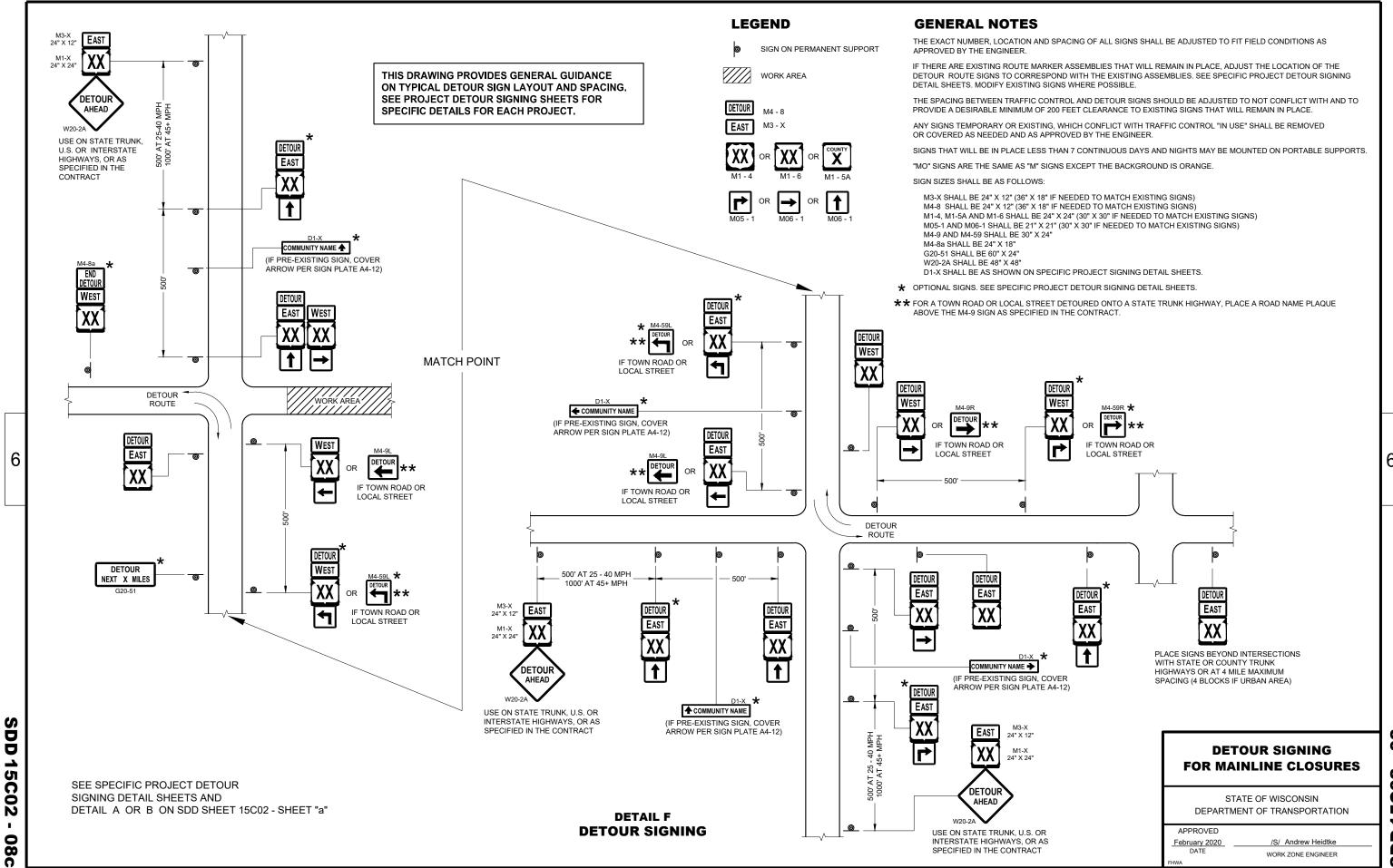
APPROVED

February 2020 DATE

WORK ZONE ENGINEER

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TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SO. FT.)	NUMBER OF REQUIRED TUBULAR STEEL 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 SO.FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE). SIGNS LARGER THAN 27 SO.FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

URBAN AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

WOOD POST **EMBEDMENT DEPTH**

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

POST SPACING REQUIREM	NUMBER OF		
L	E	WOOD POSTS REQUIRED	
48" OR LESS AND LESS THAN 20 SO.FT.	-	1	
LESS THAN 60"	12"	2	٤
60" TO 120"	L/5	2	
GREATER THAN 120" LESS THAN 168"	12"	3	
168" AND GREATER	12"	4	

SEE NOTE (3)

RURAL AREA

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

-11

D 15 D ∞

6

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6

- 11/2" DIAMETER HOLES

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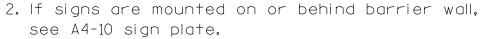
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

> /S/ Andrew Heidtke WORK ZONE ENGINEER

APPROVED

June 2017
DATE



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" (±) or 6'-3" (±) 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.

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

** Curb Flowline

D
White Edgeline Location

*

6'-3"(±)

D |

Outside Edge

of Gravel

White Edgeline
Location

Outside Edge
of Gravel

d.

POST EMBEDMENT DEPTH

Area of Sign
Installation
(Sq.Ft.)
(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.

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.

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

Matther & Rawk For State Traffic Engineer

DATE 5/13/2020 PLATE NO. _A4-3.22

SHEET NO:

Ε

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

PROJECT NO:

PLOT DATE: 13-MAY 2020 1:04

COUNTY:

PLOT BY : mscj9h

PLOT NAME :

PLOT SCALE: \$\$.....plo†scale.....\$\$ WISDOT/CADDS SHEET 42

APPROVED



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



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

WISDOT/CADDS SHEET 42

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'' (\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.
- ** * 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'

WISCONSIN DEPT OF TRANSPORTATION APPROVED For State Traffic Engineer DATE 8/21/17 PLATE NO. <u>A4-4.15</u>





	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 (THREE POSTS REQUIR	
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 SCALE: 108.188297:1.000000

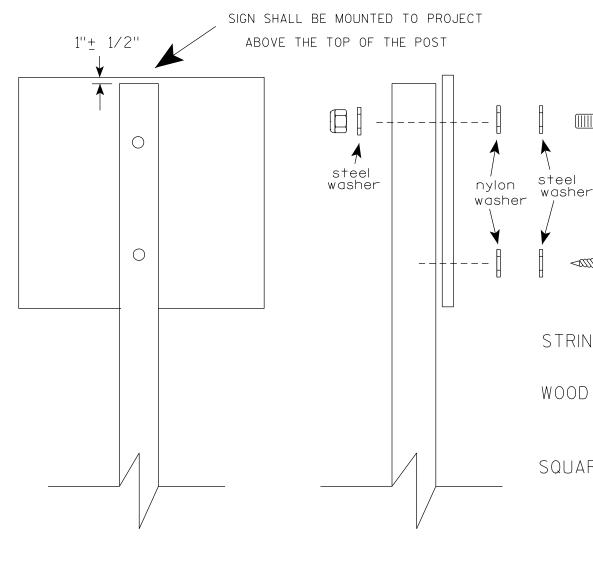
WISDOT/CADDS SHEET 42

OF TYPE II SIGNS ON MULTIPLE POSTS

TYPICAL INSTALLATION

SHEET NO:

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



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 - $\frac{1}{32}$ " (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 Matthew

For State Traffic Engineer

SHEET NO:

DATE <u>4/1/202</u>0

PLATE NO. <u>44-8.9</u>

PROJECT NO:

PLOT DATE: 01-APRIL-2020

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

Ε

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



PROJECT NO: HWY: COUNTY: SHEET NO: 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

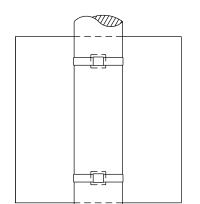
DATE 2/05/15

PLATE NO. <u>A4-9.9</u>

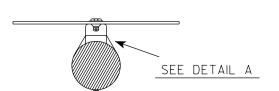
For State Traffic Engineer

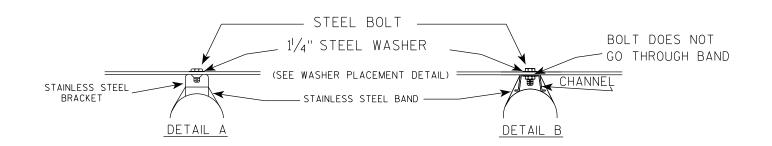


BANDING



SINGLE SIGN





WASHER PLACEMENT steel nylon washer washer

HWY:

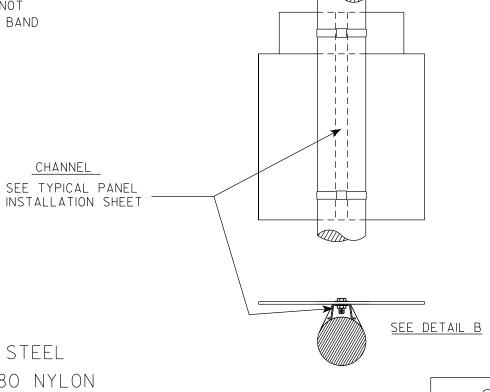
WASHERS (ALL POSTS) -

1-1/4" O.D. X³/₈" I.D. X¹/₁₆" STEEL 1-1/4" O.D. $\times \frac{3}{8}$ " I.D. \times .080 NYLON FOR ALL TYPE H SIGNS

GENERAL NOTES

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

"J" ASSEMBLY



STANDARD SIGN SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

DATE 6/10/19

PLATE NO. A5-9.4

Ε

State Traffic Engineer

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn

PROJECT NO:

COUNTY:

PLOT BY: mscj9h

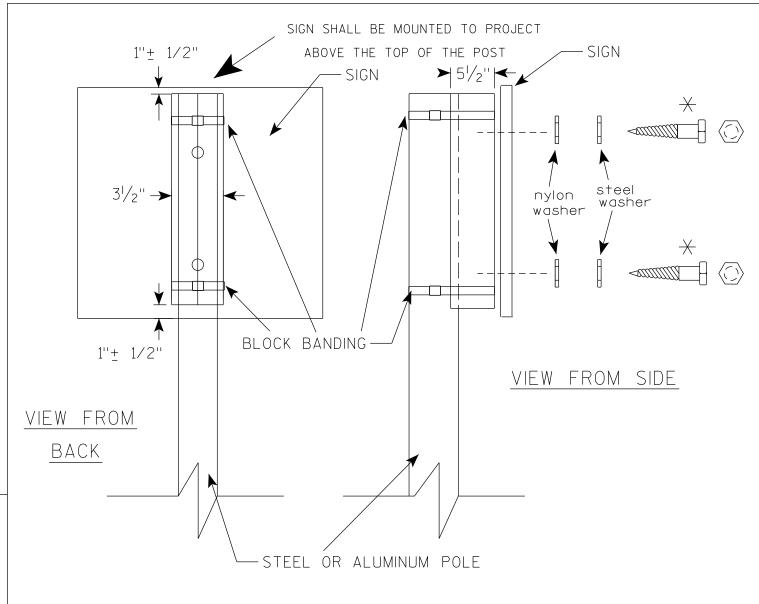
CHANNEL

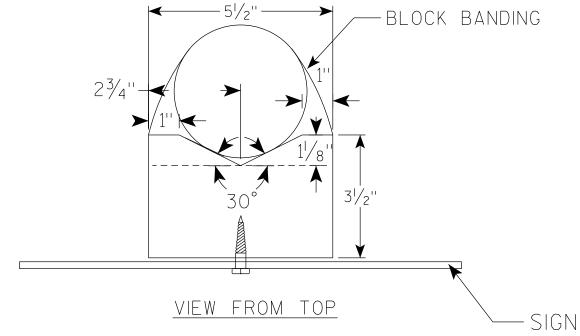
SEE TYPICAL PANEL

PLOT NAME :

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

PLOT DATE: 10-JUN 2019 4:10





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, $\frac{3}{4}$ " 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 $1\frac{1}{4}$ " O.D. X $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ "
- 8. NYLON WASHERS SHALL BE $1^{1}/_{4}$ " O.D. X $\frac{3}{8}$ " I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

 \rightarrow LAG BOLTS SHALL BE $\frac{3}{8}$ " X $2\frac{1}{2}$ "

BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

| APPROVED

For State Traffic Engineer

SHEET NO:

Matthew R

DATE 6/10/19

PLATE NO. _A5-10.2

PROJECT NO:
FILE NAME: C:\CAEfiles\Projects\tr_stdplate\A510.dgn

PLOT DATE: 10-JUN 2019 4:15

PLOT BY: mscj9h

- 1. Sign is Type II Type F Reflective
- 2. Color:

Background - Orange Message - Black

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

C —		.
D-> = = = = = = = = = = = = = = = = = = =		TH
	NEXT O MILES	
•	A —	<u> </u>
	G20-1	

SI	ZΕ	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
2		60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4		16 ¾	18 ½	3		16	18 %												10
3																												
		60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4		16 ¾	18 1/2	3		16	18 %												10
)												·	·		·		·					·				·	

COUNTY:

STANDARD SIGN G20-1

Fer State Traffic Engineer
DATE 3/14/17 PLATE NO. G20-1.8

PROJECT NO: FILE NAME : C:\CAEfiles\Projects\tr_stdplate\G201.DGN HWY:

PLOT DATE: 14-MAR-2017 13:28

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

PLOT SCALE: 6.889165:1.000000

WISDOT/CADDS SHEET 42

SHEET NO:

WISCONSIN DEPT OF TRANSPORTATION APPROVED Matthew & Rauch

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	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	T	U	٧	W	Х	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 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 1/8	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72

COUNTY:

STANDARD SIGN G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED 400 110 00 00 110

for State Traffic Engineer

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

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\G202A.DGN

HWY:

PROJECT NO:

PLOT DATE: 30-SEP-2009 09:31

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE : 5.561773:1.000000

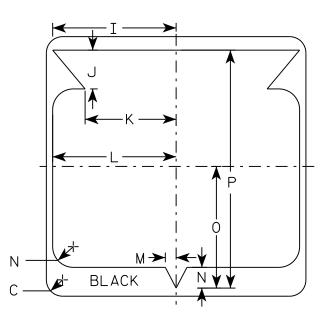
5.561773:1.000000 WISDOT/CADDS SHEET 42

- 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.

	G F A H H
A A	
M1-6	1



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	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 1/8	11 1/2	1	1 1/8	11 1/4	21 1/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15	5	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15	5	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 ¾	5	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0

COUNTY:

STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

for State Traffic Engineer

DATE 3/16/18

PLATE NO. <u>M1-6.10</u>

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M16.DGN

HWY:

PROJECT NO:

PLOT DATE: 16-MAR-2018 14:11

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

PLOT SCALE : 6.655277:1.000000







MP3-1









HWY:



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	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	V	W	Х	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 1/8	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

COUNTY:

STANDARD SIGNS M3-1 thur M3-4 **SERIES**

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

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

Ε

SHEET NO:

FILE NAME · C·\CAFfiles\Projects\tr stdolote\M31 DCN

PROJECT NO:

PLOT DATE . 01-DEC-2015 17:54

PLOT RY . \$\$ plotuser \$\$ PLOT NAME :

PLOT SCALE . 11 675051.1 000000

- 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 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.

) A G	
	;
→ G →	
Y	

Α С E F G H I J S Х Z D 0 10 10 1/4 1 1/8 3/8 3/8 24 2.0 3 36 1 1/8 3/8 1/2 4 1/2 14 5/8 14 1/2 4.5 4 5

COUNTY:

STANDARD SIGN M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 11/10/10 PLATE NO. M4-8.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M48.DGN

PROJECT NO:

HWY:

PLOT DATE: 10-NOV-2010 13:18

PLOT BY : ditjph

PLOT SCALE : 4.767

PLOT NAME :

PLOT SCALE: 4.767233:1.000000

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 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.

 $D \longrightarrow$ Н M4-8A

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	w	Х	Y	Z	Area sq. ft.
$\parallel 1 \parallel$																											
2	24	18	1 1/8	3/8	1/2	6	2	2	4 3/4	9 3/4																	3.0
3	30	24	1 1/8	3/8	1/2	8	2 1/2	3	6 3/4	13																	5.0
4																											
5				·	·						·				·												

COUNTY:

STANDARD SIGN M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther

For State Traffic Engineer DATE 3/9/11

PLATE NO. M4-8A.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M48A.DGN

HWY:

PROJECT NO:

PLOT DATE: 09-MAR-2011 10:29

PLOT BY: mscj9h

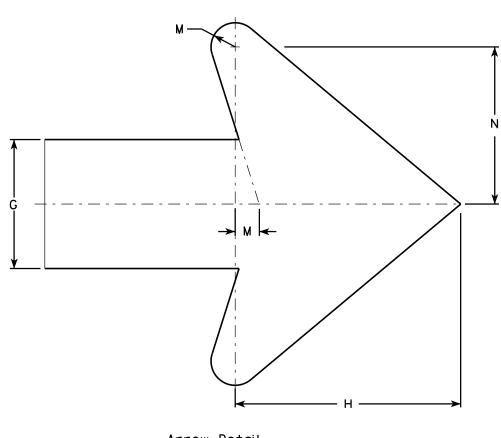
PLOT NAME :

PLOT SCALE: 3.972696:1.000000

- 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 D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M4-9L is the same as M4-9R except the arrow is reversed.



Arrow Detail

PLOT NAME :

w x	Y Z Ar
	5.0
	12.
	12.

COUNTY:

M4-9R

STANDARD SIGN M4-9 R & L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R

For State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-9R.4

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M49R.DGN

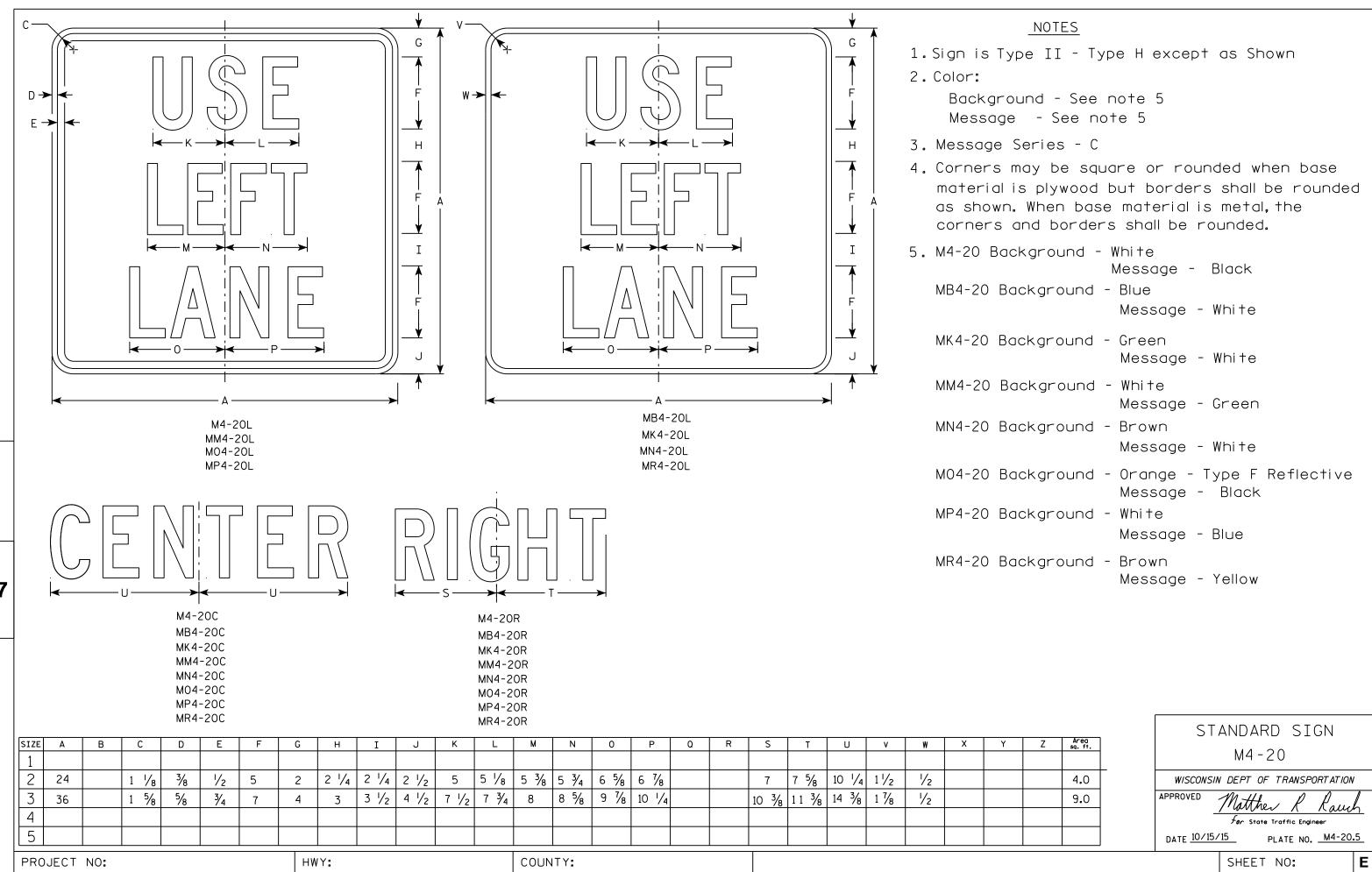
HWY:

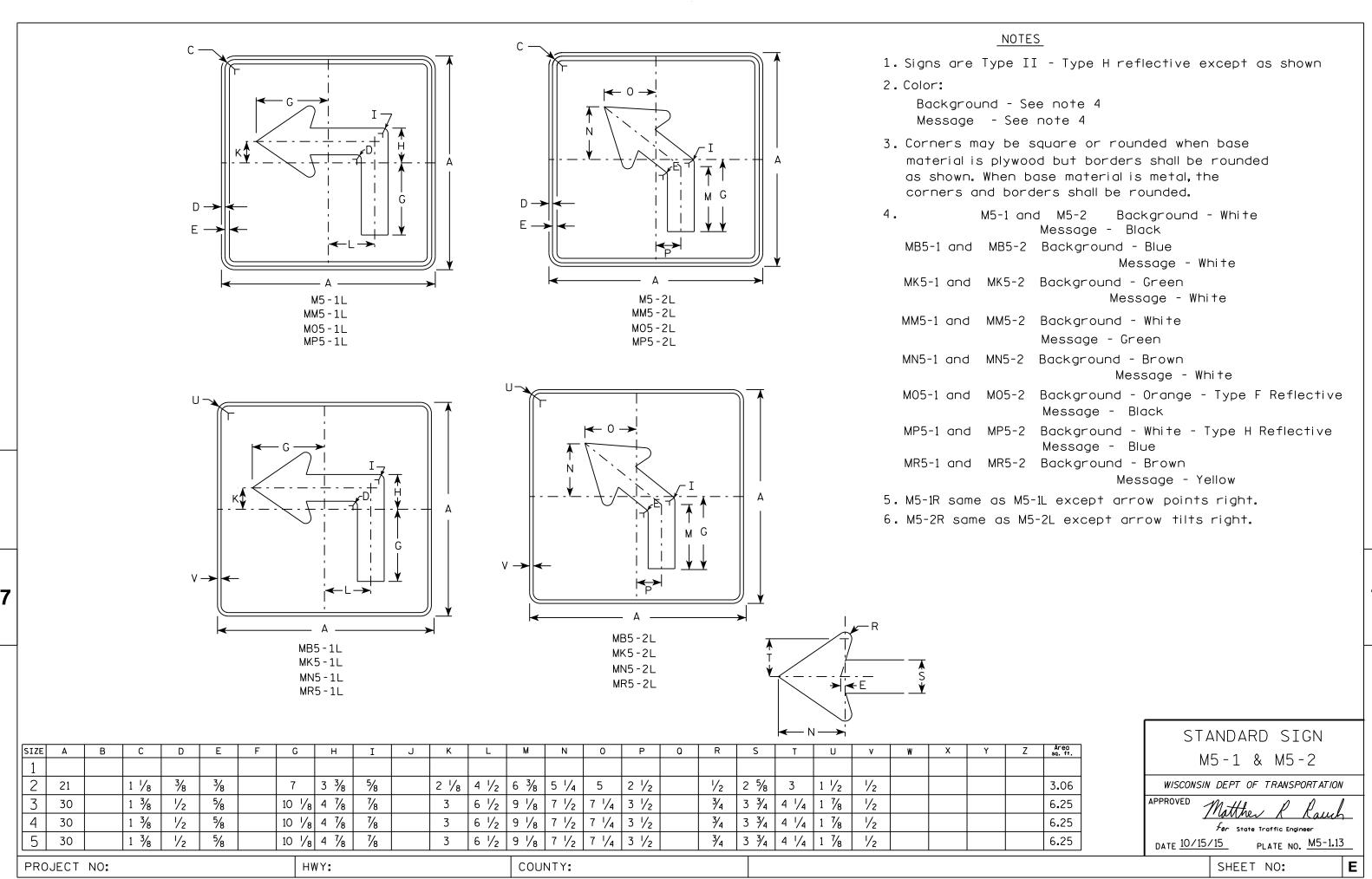
PROJECT NO:

PLOT DATE: 09-MAR-2011 11:17

PLOT BY: mscj9h

PLOT SCALE: 5.959043:1.000000





FILE NAME . C.\CAFfiles\Projects\tr stdolote\M51 DCN

PLOT DATE . 01-DEC-2015 18:07

PINT RY . \$\$ DIOTUSET \$\$ PINT NAMF :

PLOT SCALE . 11 675051.1 000000







MR6-1

HWY:



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

M06-1 and M06-2 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



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	٥	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1 1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 %	5	4 1/4	5 1/4	3	2 %	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 1/8	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 1/8	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 1/8	1/2					6.25

COUNTY:

STANDARD SIGN M6-1 & M6-2 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & Rawl For State Traffic Engineer

Ε

DATE 10/15/15 PLATE NO. M6-1.15

SHEET NO:

FILE NAME · C·\CAFfiles\Projects\tr stdplote\M61 DCN

PROJECT NO:

PLOT DATE . 01-DEC-2015 17:57

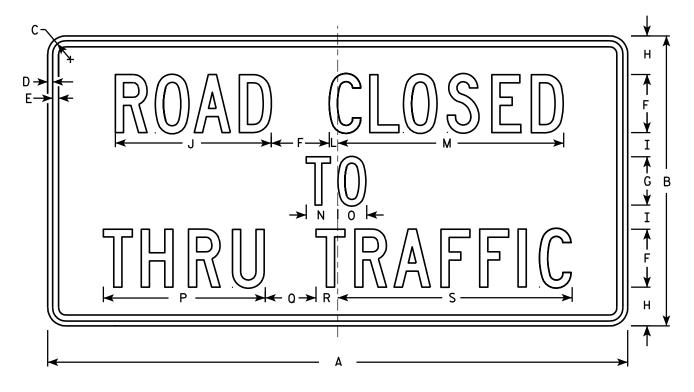
PIOT RY . \$\$ plotuser \$\$ PIOT NAMF :

PLOT SCALE . 11 675051.1 000000

- 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.



R11-4

SIZE	Α	В	С	D	E	F	G	Η	I	J	K	L	М	Z	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7 /8	23 ¾	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7∕8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

COUNTY:

STANDARD SIGN R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

DATE 4/1/11 PLATE NO. R11-4.3

SHEET NO:

PROJECT NO: FILE NAME : C:\Users\PROJECTS\tr_stdplate\R114.DGN HWY:

PLOT DATE: 01-APR-2011 14:11

PLOT BY: mscj9h

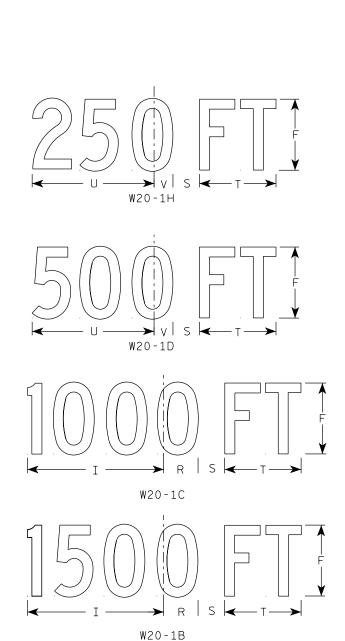
PLOT NAME :

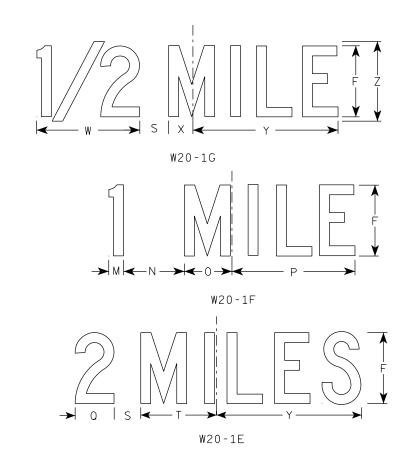
PLOT SCALE: 9.931739:1.000000

- 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	А	В	С	D	E	F	G	H I	J	K	_ M	N	0	Р	Q	R	S	Т	U	٧	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 % 8	7/8 1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 %	9	1 3/8	8	1 3/4	10 3/4	6	9.0
25	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 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8 %	13 3/4	2 1/8	11 1/8	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 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8 %	13 3/4	2 1/8	11 1/8	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 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8 %	13 ¾	2 1/8	11 1/8	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 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8	13 3/4	2 1/8	11 1/8	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 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8 5/8	13 ¾	2 1/8	11 1/8	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

 f_{or} State Traffic Engineer DATE 3/25/2020 PLATE NO. W20-1.11

SHEET NO:

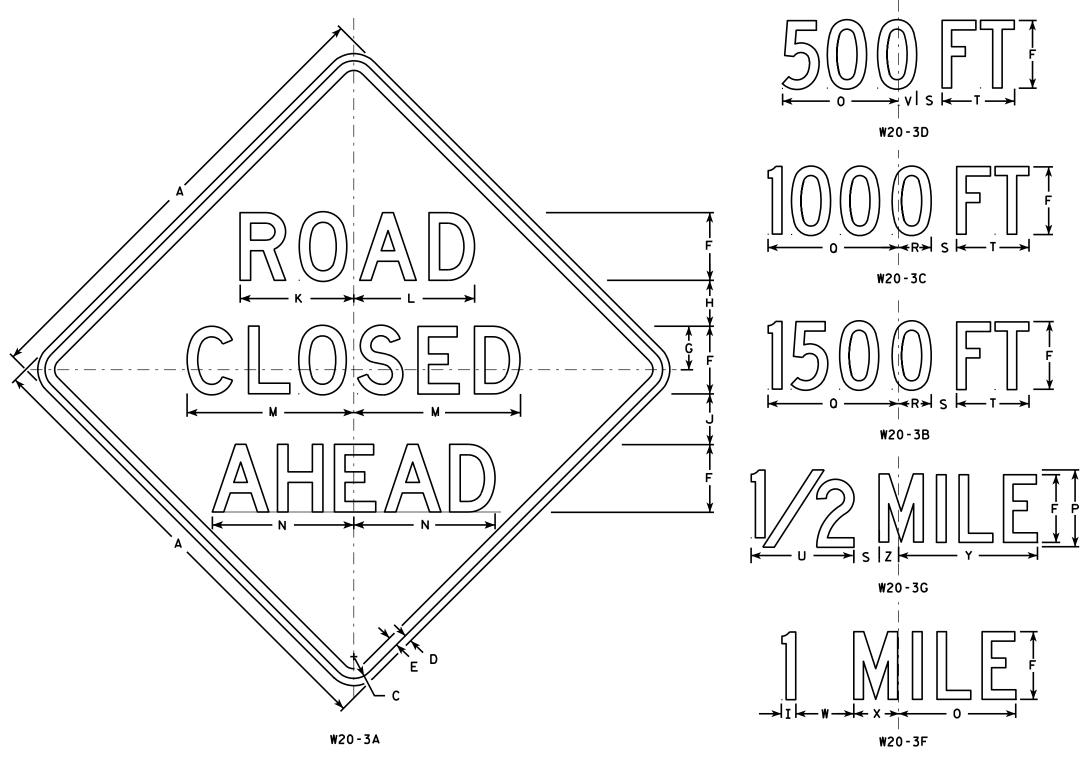
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN

PROJECT NO:

W20-1A

PLOT DATE: 25-MARCH-2020

PLOT BY : dotc4c



- 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.

1 % 5/8 ¾ 8 3/8 8 7/8 12 1/2 5 % 1 3/8 4 1/2 36 3 1/2 10 3/4 1 3/4 8 4 \(\frac{5}{8} \) 14 \(\frac{3}{8} \) 2 \(\frac{3}{8} \) 16.0 3/4 1 1/2 | 5 1/4 | 11 3/4 | 12 1/2 | 17 1/4 | 14 5/8 | 7 1/2 10 5/8 1 7/8 2M 3/4 4 \\ 14 \\ 38 \ 2 \\ 38 \ 16.0 48 | 5 1/4 | 11 3/4 | 12 1/2 | 17 1/4 | 14 5/8 | 7 1/2 10 % 1 % 4 1/2 4 3/4 1 1/2 5 1/4 11 3/4 12 1/2 17 1/4 14 5/8 3/4 13 1/2 3 3/8 2 5/8 7 1/2 10 5/8 1 3/8 4 % | 14 % | 2 % | 16.0 48 3/4 4 1/2 4 3/4 1 1/2 5 1/4 11 3/4 12 1/2 17 1/4 14 5/8 13 1/2 3 3/8 2 5/8 4 \\ 14 \\ 38 \ 2 \\ 38 \ 16.0 7 1/2 10 5/8 1 7/8 48 5 4 5/8 14 3/8 2 3/8 16.0 3/4 2 1/4 4 1/2 | 4 3/4 | 1 1/2 | 5 1/4 | 11 3/4 | 12 1/2 | 17 1/4 | 14 5/8 | 13 1/2 3 3/8 2 5/8 7 1/2 10 5/8 1 3/8 48

COUNTY:

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

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer DATE 3/18/11

PLATE NO. W20-3.7

SHEET NO:

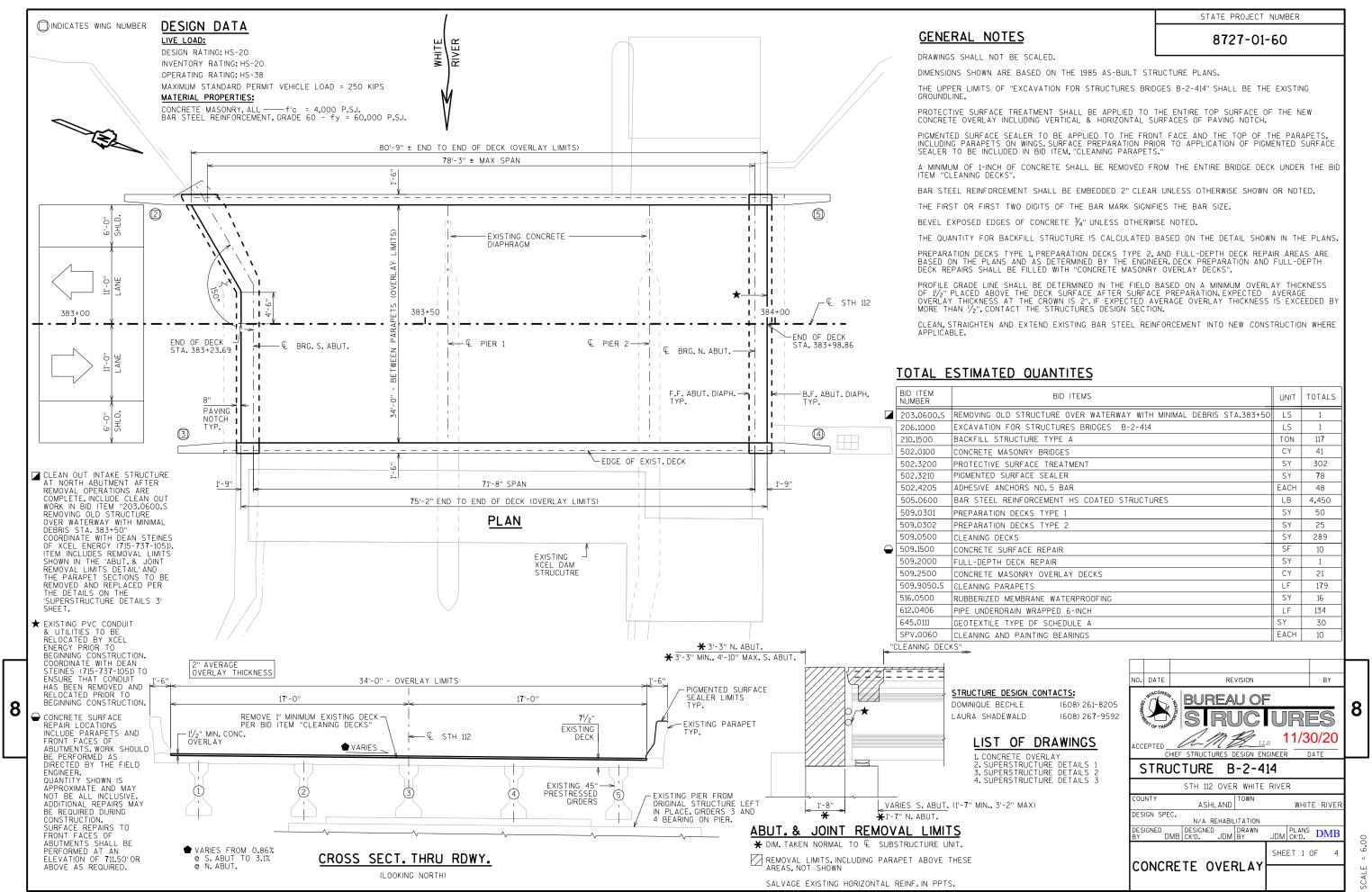
PROJECT NO: FILE NAME : C:\Users\PROJECTS\tr_stdplate\W203.DGN HWY:

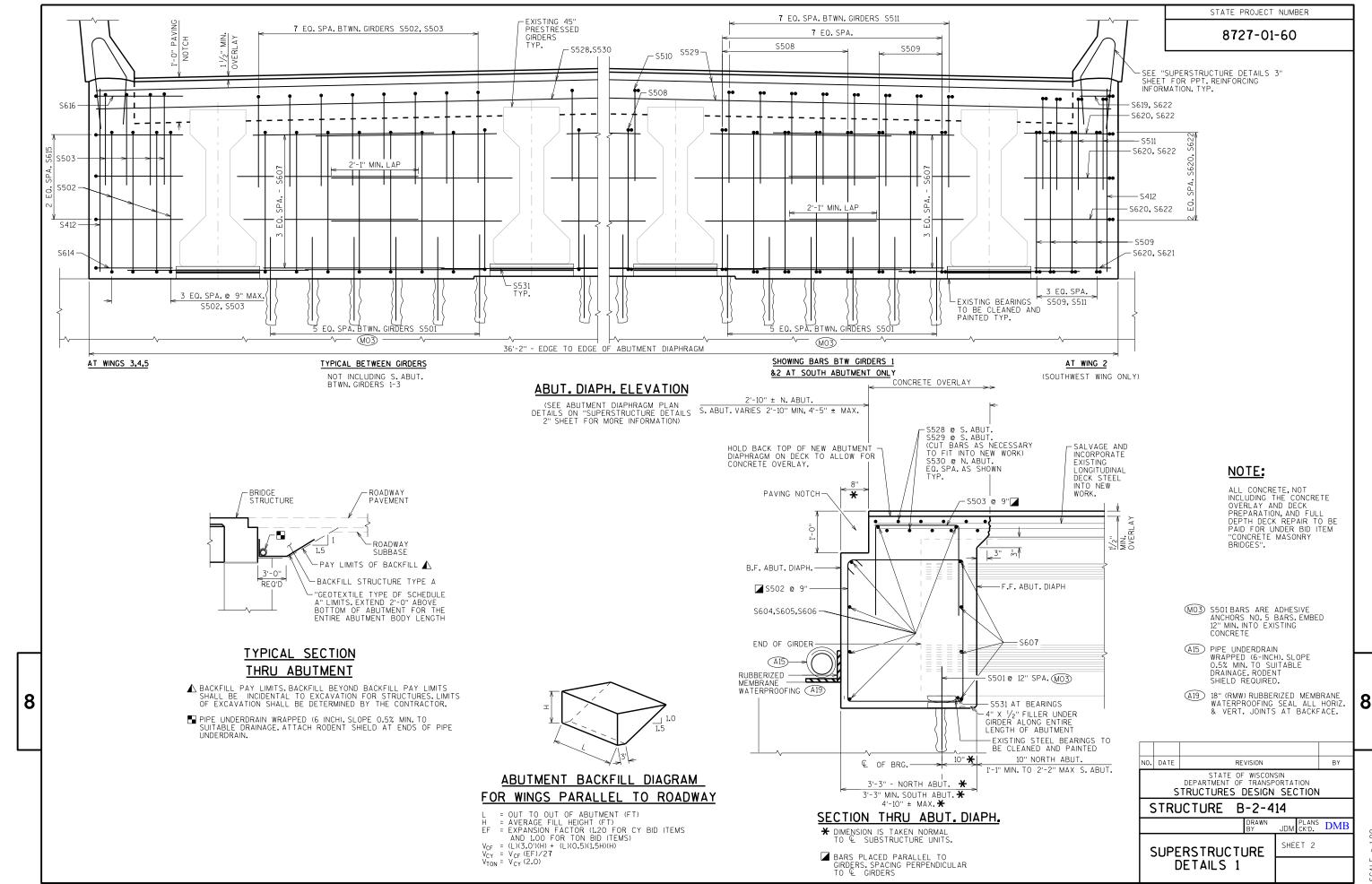
PLOT DATE: 18-MAR-2011 12:08

PLOT BY: mscj9h

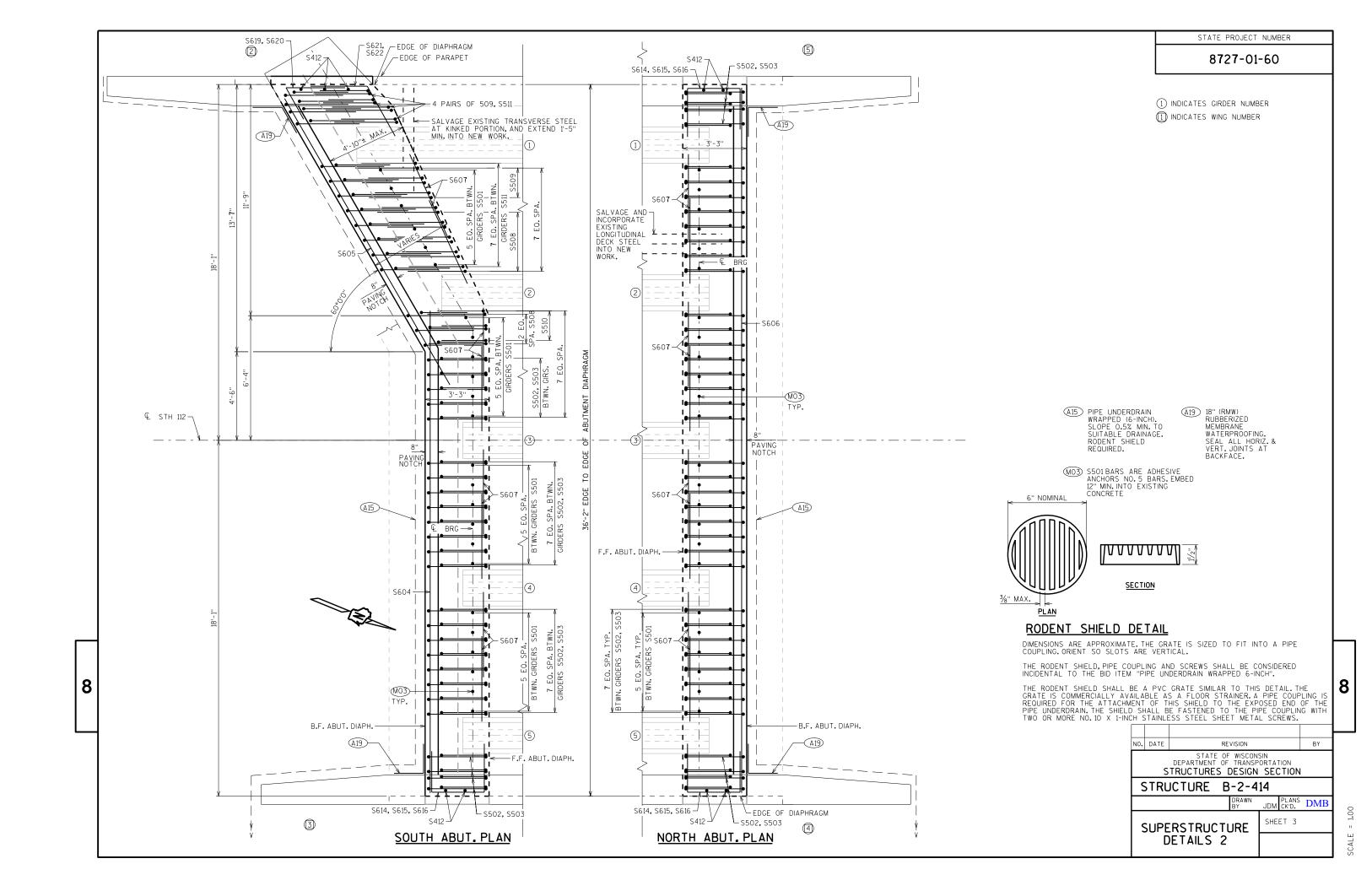
PLOT NAME :

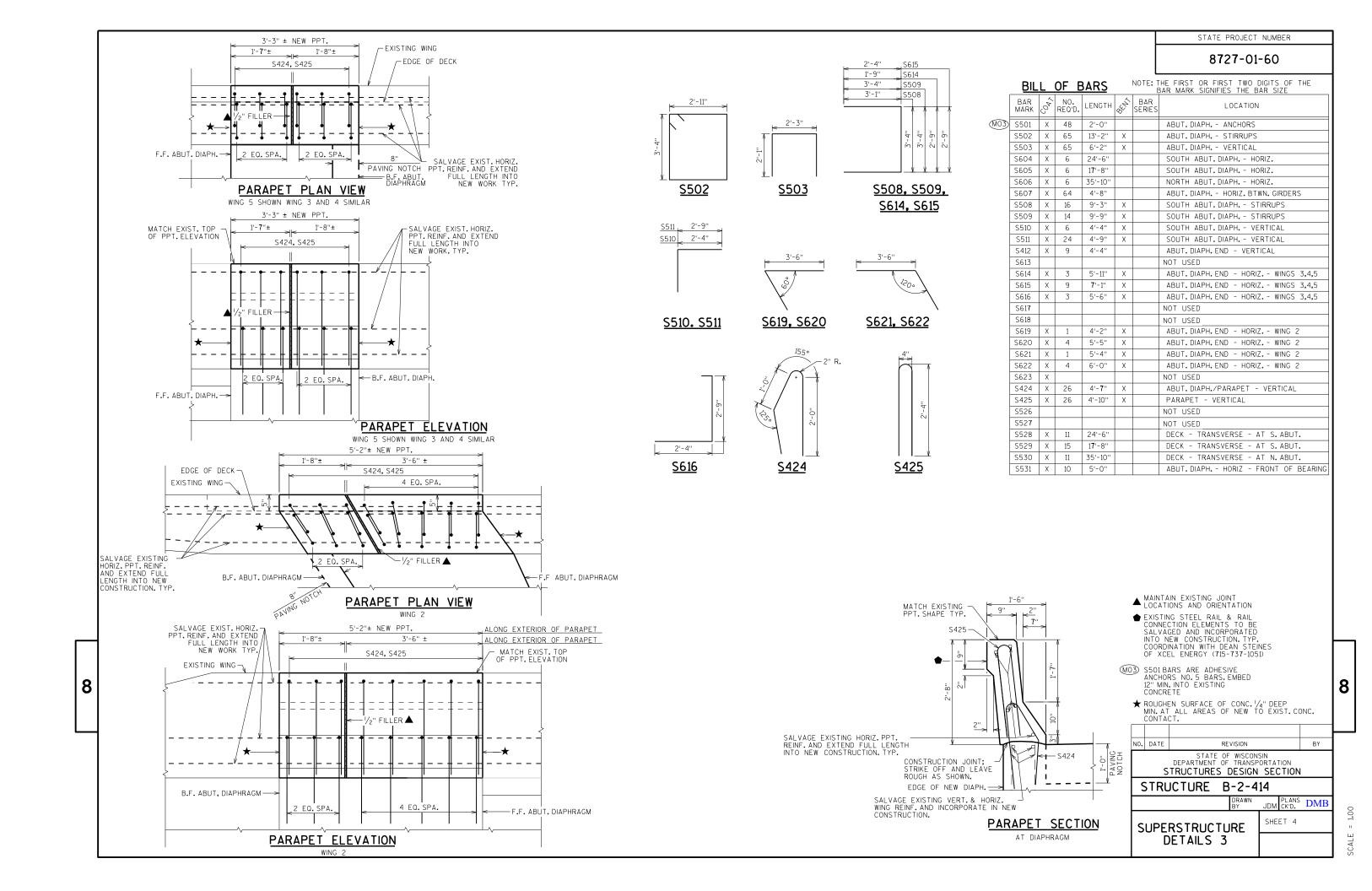
PLOT SCALE: 9.931739:1.000000





CALE = 1.00





Notes



Wisconsin Department of Transportation

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