

LAYOUT NAME - TITLE SHEET 1 IN EQ 0.5 MI

	FEDERAL PROJEC	CT
STATE PROJECT	PROJECT	CONTRACT
1440-35-71		

GENERAL NOTES

2

THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT THAT ARE NOT SHOWN.

EXISTING PERMANENT SIGNS ARE TO REMAIN IN PLACE UNLESS SPECIALLY CALLED FOR REMOVAL ON MISCELLANEOUS QUANTITIY TABLE.

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED

AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

THE CONTRACTOR IS TO WORK WITH UTMOST CARE AND PROTECT ALL SURVEY MARKERS. REMOVAL OF ANY SURVEY MARKER IS TO BE WITH THE APPROVAL OF THE ENGINEER. DETAILS OF CONSTRUCTION NOT SHOWN ON THE PLAN SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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

ALL DISTURBED AREAS, NOT OTHERWISE SURFACED, ARE TO BE TOPSOILED, FERTILIZED, SEEDED

AND COVERED WITH MULCH OR EROSION MAT, AS SHOWN ON THE PLANS.

THE EXACT LOCATIONS OF ALL EROSION CONTROL ITEMS SHALL BE DETERMINED BY THE ENGINEER.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND ALL UTILITIES IN THE VICINITY OF THE PROJECT TO LOCATE THEIR FACILITIES AT LEAST THREE WORKING DAYS PRIOR TO BEGINNING WORK.

ALL RADII ARE MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN OR NOTED ON THE PLAN.

UTILITIES

AT&T WISCONSIN CHUCK BARTELT 70 EAST DIVISION STREET FOND DU LAC, WI 54935 PHONE: 920-929-1013 MOBILE: 920-410-5104 EMAIL: cb1461@att.com

ATC MANAGEMENT, INC. GERALD RHODE PO BOX 6113 DE PERE, WI 54115 PHONE: 920-338-6523 EMAIL: grhode@atcllc.com

ALLIANT ENERGY - ELECTRIC AND GAS BILL BASTIAN 883 WEST SCOTT STREET FOND DU LAC, WI 54937 PHONE: 920-322-6716 EMAIL: williambastian@alliantenergy.com CHARTER COMMUNICATIONS BRUCE HENRY 1623 BROADWAY AVENUE SHEBOYGAN, WI 53081 MOBILE: 920-263-0074 EMAIL: bruce.henry@charter.com

CITY OF FOND DU LAC - WATER TRAVIS KLOETZKE 160 SOUTH MACY STREET PO BOX 150 FOND DU LAC, WI 54936-0150 PHONE: 920-322-3683 MOBILE: 920-539-5743 EMAIL: <u>tkloetzke@fdl.wi.gov</u>

MARY HILL SANITARY JOHN MEYST W4478 MARY HILL PARK DRIVE FOND DU LAC, WI 54935 PHONE: 920-921-6671 EMAIL: rosybud@charter.net



PROJECT NO:1440-35-71 HWY:STH 23 COUNTY: FOND DU LAC GENERAL NOTES DNR AREA LIAISON

WISCONSIN DEPARTMENT OF NATURAL RESOURCES 2984 SHAWANO AVENUE GREEN BAY, WI 54313-6727 ATTN: JAY SCHIEFELBEIN PHONE: 920-360-3784 E-MAIL: JEREMIAH.SCHIEFELBEIN@DNR.WISCONSIN.GOV 2

EMERGENCY CONTACT NUMBERS FOR WISCONSIN POWER AND LIGHT COMPANY

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-862-6261 GAS 24 HOUR EMERGENCY SERVICE: 1-800-862-6263

EMERGENCY CONTACT NUMBERS FOR WISCONSIN PUBLIC SERVICE

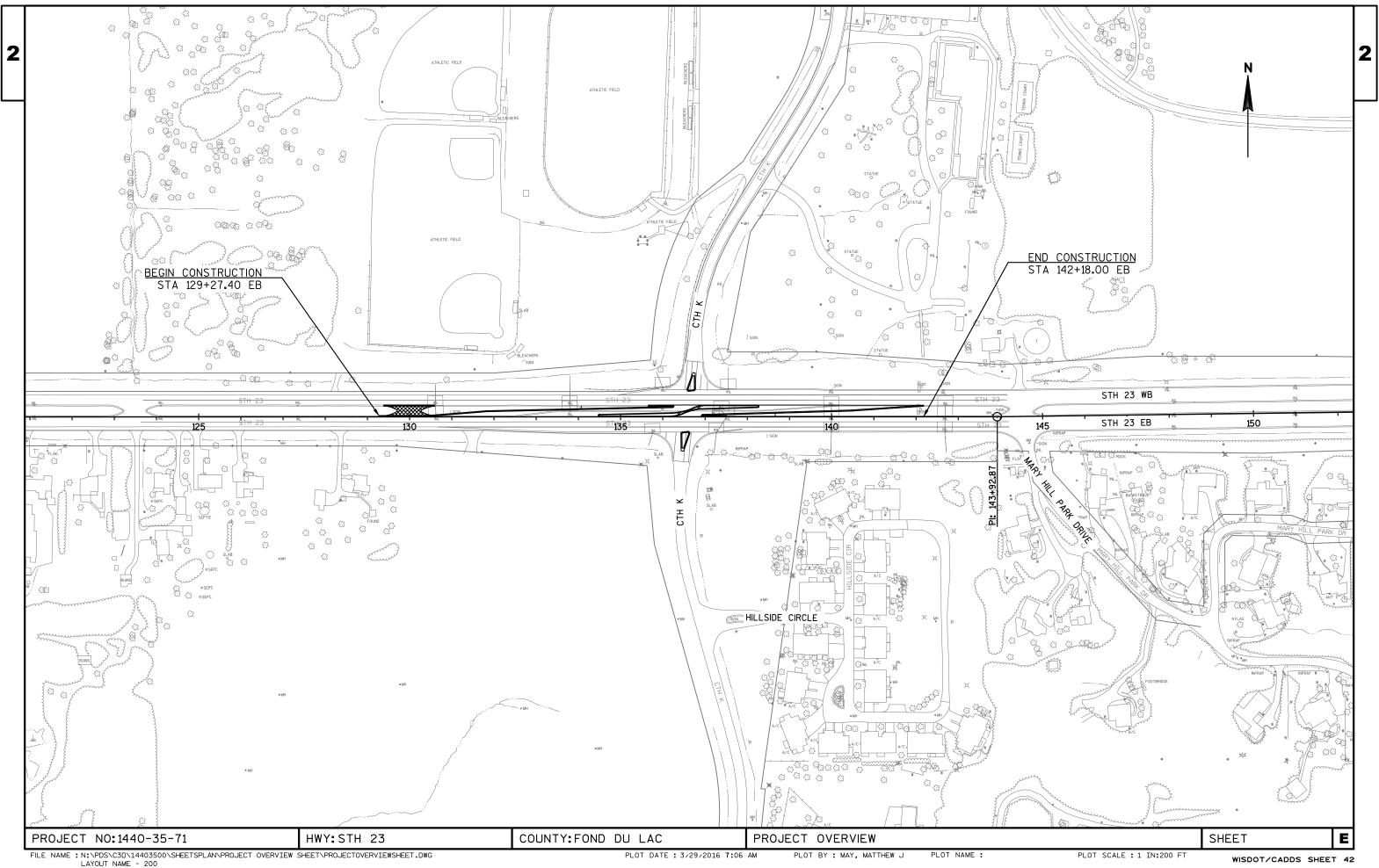
ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-450-7240 GAS 24 HOUR EMERGENCY SERVICE: 1-800-450-7280

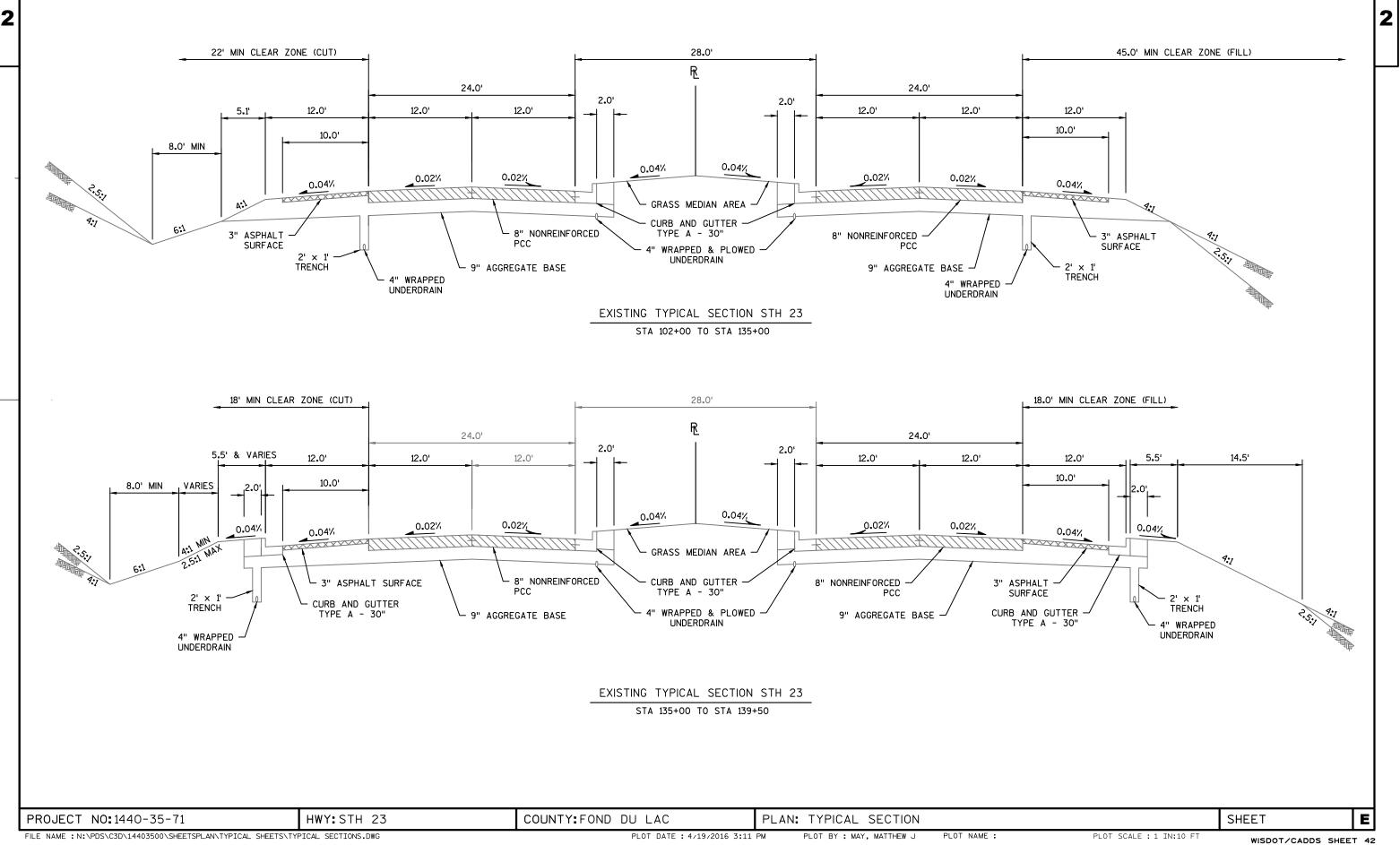
EMERGENCY CONTACT NUMBERS FOR WE ENERGIES

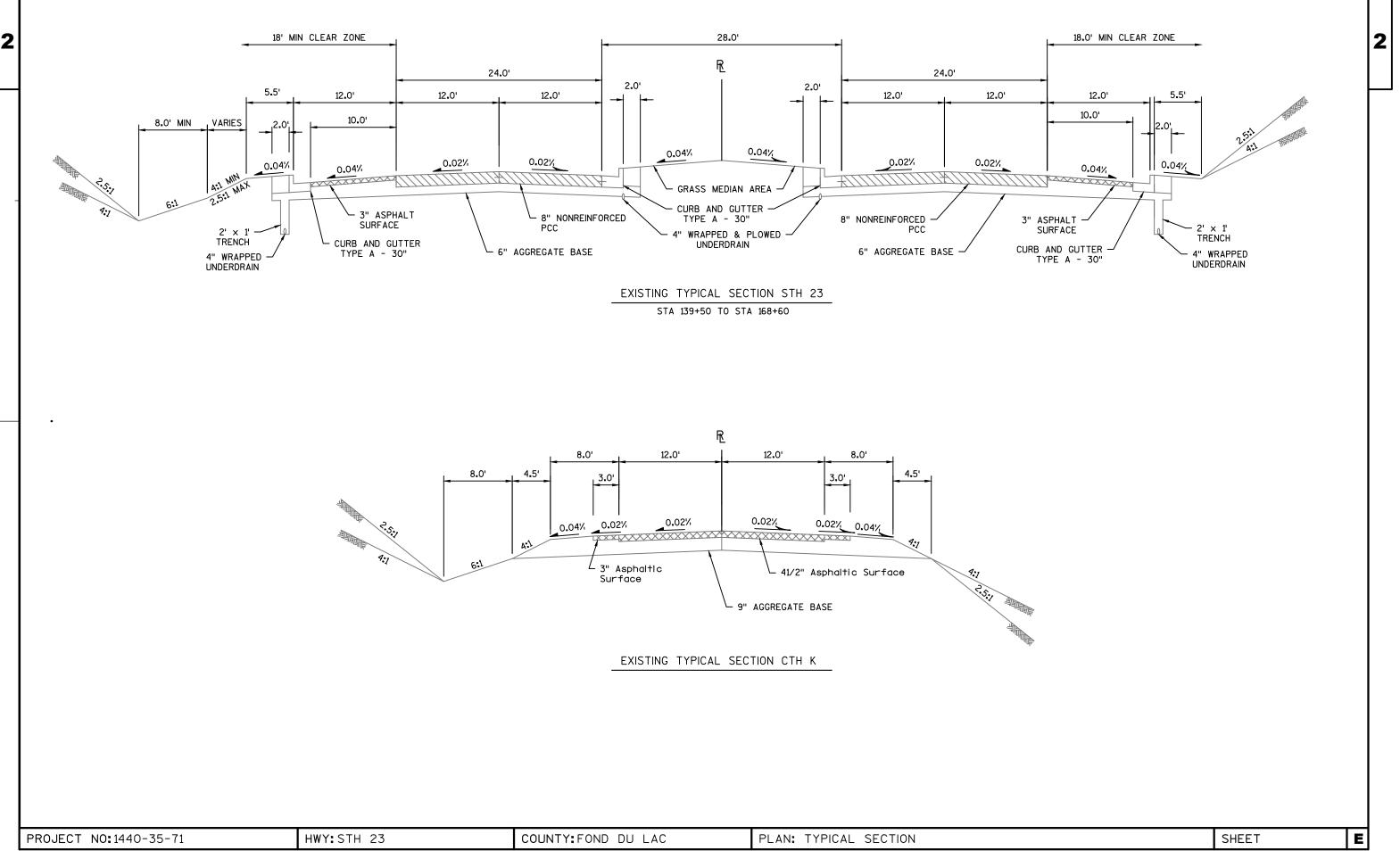
ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-662-4797 GAS 24 HOUR EMERGENCY SERVICE: 1-800-261-5325

SHEET

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FILE NAME : N:\PDS\C3D\14403500\SHEETSPLAN\TYPICAL SHEETS\T	YPICAL SECTIONS.DWG	PLOT DATE

PLOT DATE : 4/19/2016 3:11 PM PLOT BY : MAY, MATTHEW J PLOT NAME :

PLOT SCALE : 1 IN:10 FT

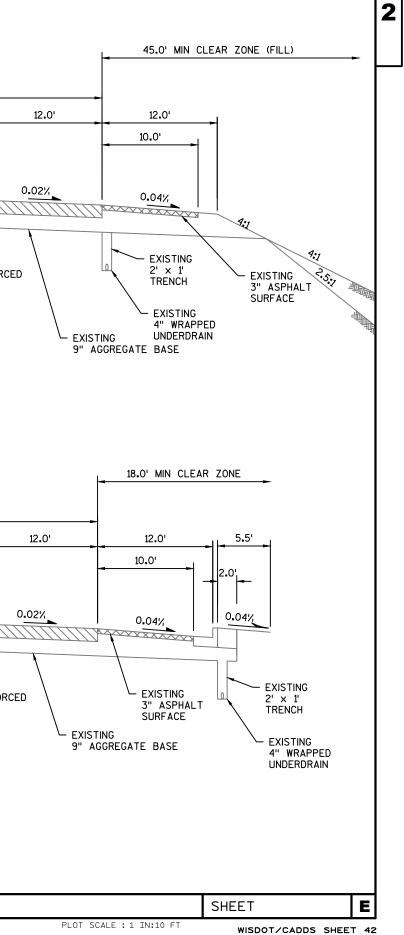
WISDOT/CADDS SHEET 42

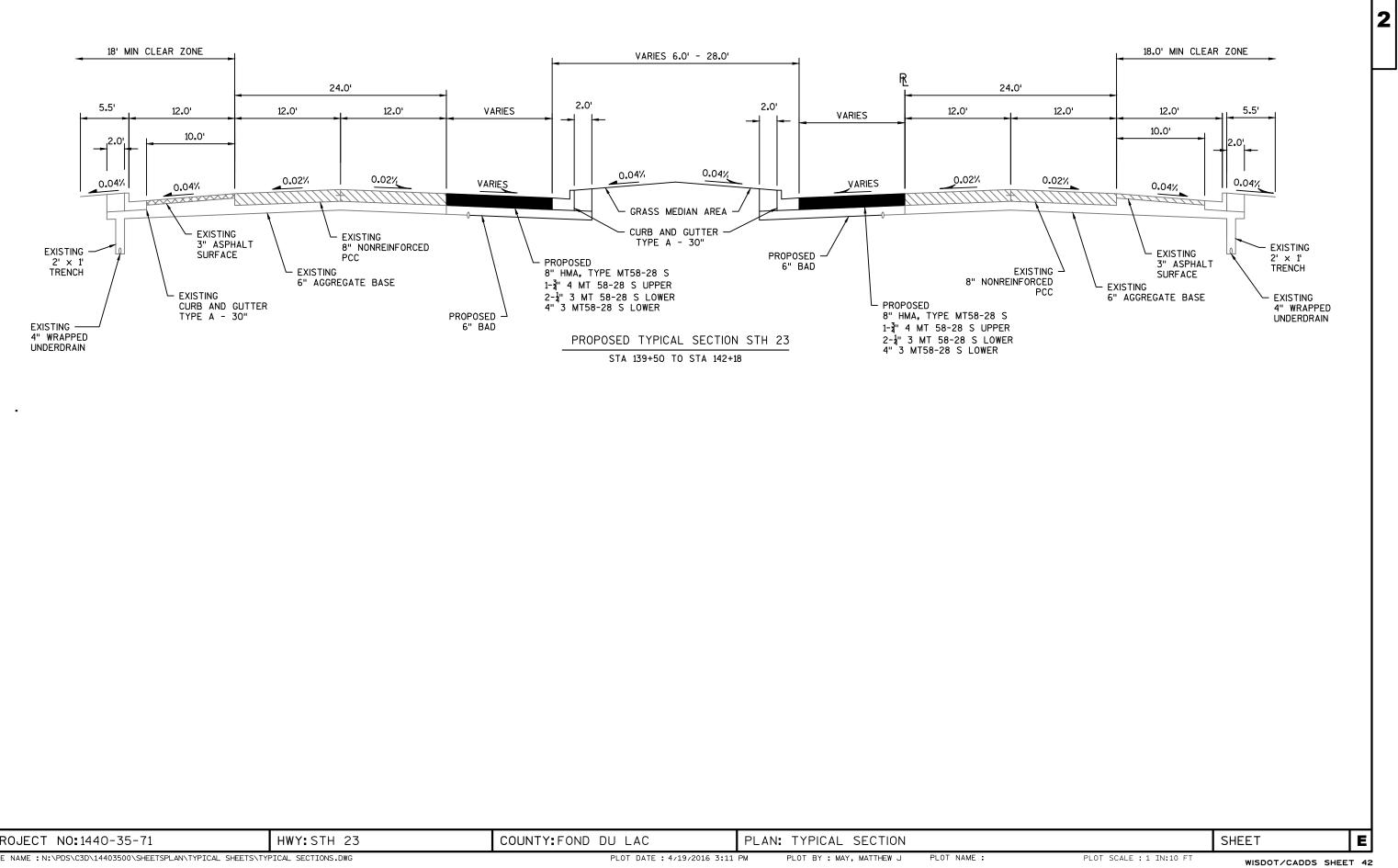
2 22' MIN CLEAR ZONE (CUT) VARIES 6.0' - 28.0' R 24.0' 24.0' 2.0' 2.0' 5.1 12.0' 12.0' 12.0' VARIES 12.0' VARIES 10.0' 0.04% 0.04% 0.02% 0.02% 0.02% VARIES 0.04% VARIES xxxx VVV A:1 GRASS MEDIAN AREA CURB AND GUTTER 6:1 3" ASPHALT SURFACE EXISTING TYPE A - 30" - EXISTING Proposed 8" NONREINFORCED 8" NONREINFORCED 9" BAD 2' × 1' PCC PROPOSED PCC TRENCH Proposed 8" HMA, TYPE MT58-28 S EXISTING 9" BAD 9" AGGREGATE BASE 1-3" 4 MT 58-28 S UPPER PROPOSED 8"_HMA, TYPE MT58-28 S 2-1/3 MT 58-28 S LOWER 4" 3 MT58-28 S LOWER 1-3[™] 4 MT 58-28 S UPPER 2-1 3 MT 58-28 S LOWER 4" 3 MT58-28 S LOWER PROPOSED TYPICAL SECTION STH 23 STA 130+33 TO STA 135+00 18' MIN CLEAR ZONE VARIES 6.0' - 28.0' 24.0' 24.0' 2.0' 2.0' 5.5' 12.0' VARIES 12.0' 12.0' 12.0' VARIES 10.0' 0.04% 0.04% 0.02% 0.02% 0.02% 0.04% VARIES VARIES 0.04% XXXXVV GRASS MEDIAN AREA CURB AND GUTTER EXISTING EXISTING TYPE A - 30" EXISTING 8" NONREINFORCED 8" NONREINFORCED Proposed -3" ASPHALT EXISTING -SURFACE 9" BAD PCC PROPOSED Proposed 9" BAD 2' × 1' PCC 8" HMA, TYPE MT58-28 S TRENCH - EXISTING 1-3" 4 MT 58-28 S UPPER 9" AGGREGATE BASE PROPOSED 2-1" 3 MT 58-28 S LOWER EXISTING 8" HMA, TYPE MT58-28 S 4" 3 MT58-28 S LOWER CURB AND GUTTER TYPE A - 30" 1-3" 4 MT 58-28 S UPPER 2-1" 3 MT 58-28 S LOWER 4" 3 MT58-28 S LOWER EXISTING -PROPOSED TYPICAL SECTION STH 23 4" WRAPPED UNDERDRAIN STA 135+00 TO STA 139+50 COUNTY: FOND DU LAC PROJECT NO:1440-35-71 HWY:STH 23

FILE NAME : N: VDS\C3D\14403500\SHEETSPLAN\TYPICAL SHEETS\TYPICAL SECTIONS.DWG

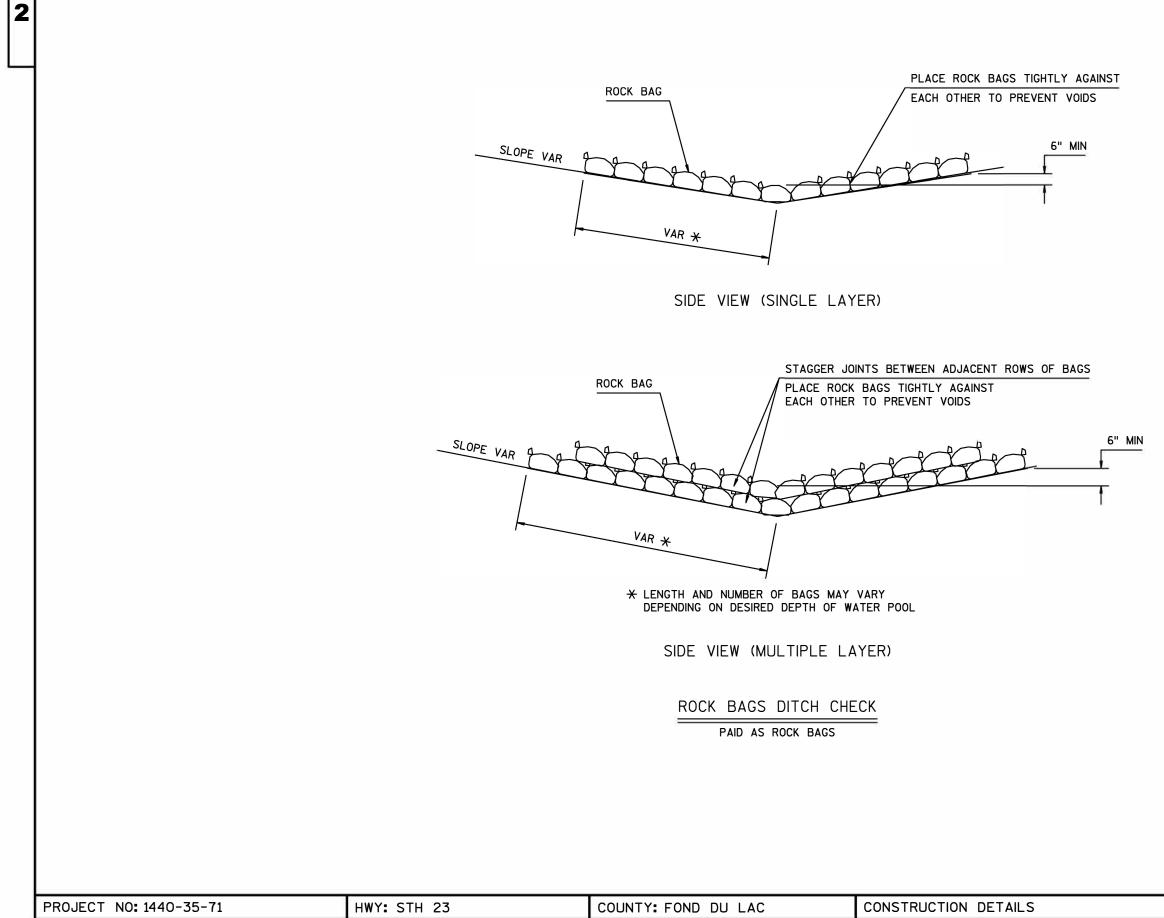
PLAN: TYPICAL SECTION PLOT DATE : 4/19/2016 3:11 PM PLOT BY : MAY, MATTHEW J

PLOT NAME :





PROJECT NO:1440-35-71	HWY:STH 23	COUNTY:FOND DU LAC	PLAN:	TYPICAL SECTION		
FILE NAME : N:\PDS\C3D\14403500\SHEETSPLAN\TYPTCAL SHEETS\TY	PICAL SECTIONS.DWG	PLOT DATE : 4/19/2016 3:11	PM	PLOT BY : MAY. MATTHEW J	PLOT NAME :	-

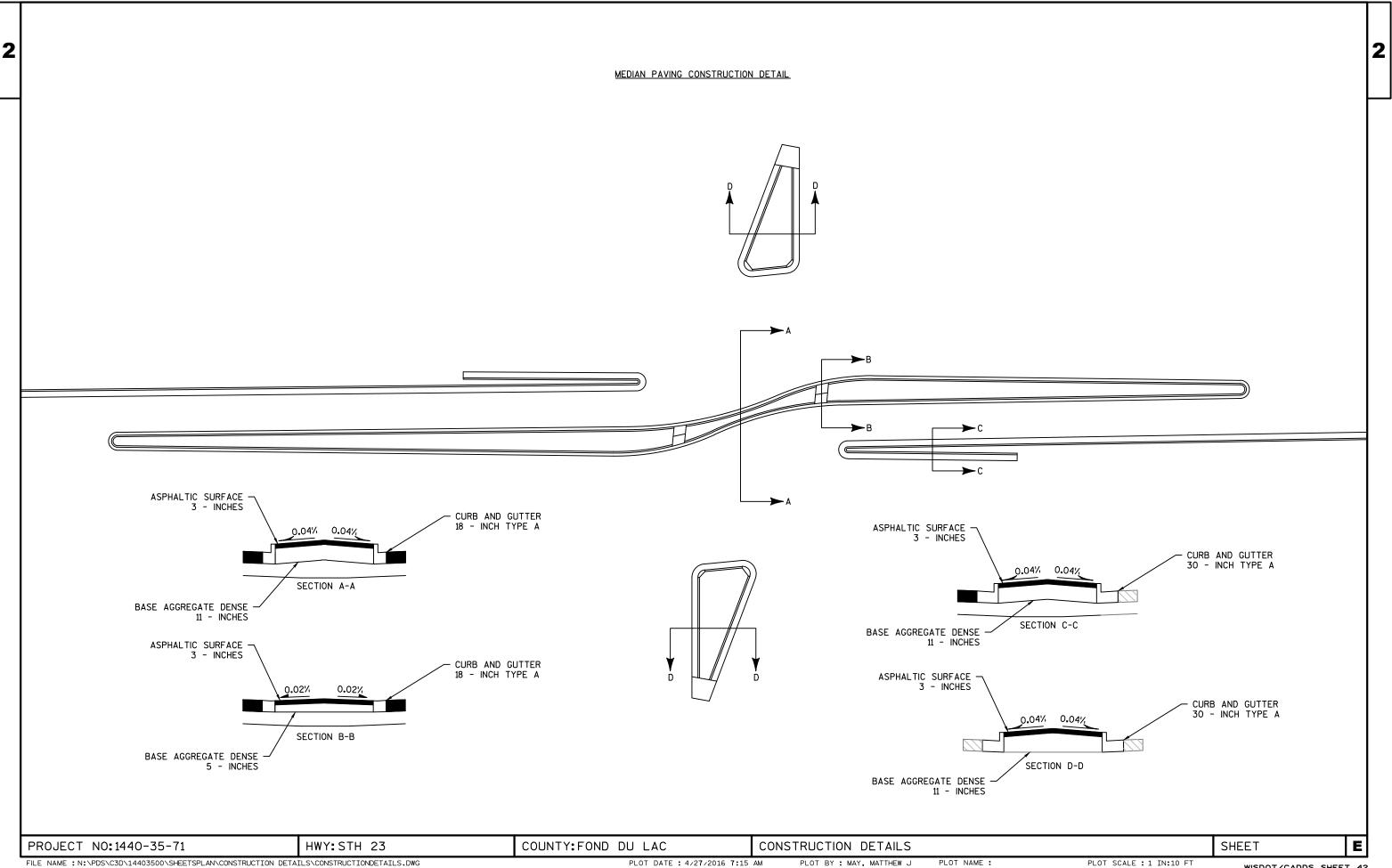


FILE NAME :N:\PDS\C3D\14403500\SHEETSPLAN\CONSTRUCTION DETAILS\CONSTRUCTIONDETAILS.DWG

PLOT DATE : 5/25/2016 12:00 PM PLOT BY : REESE, BECKY A PLOT NAME :

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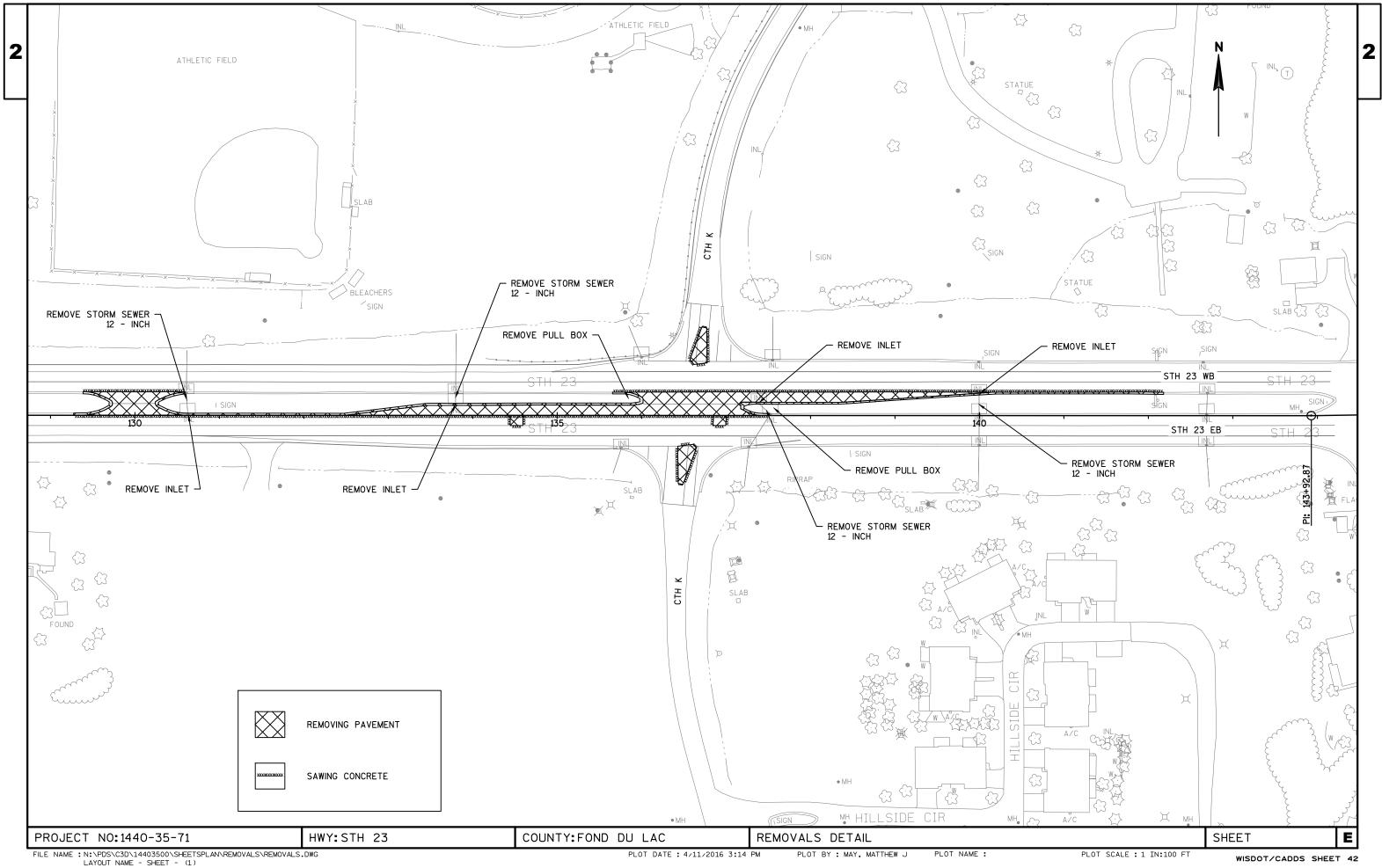


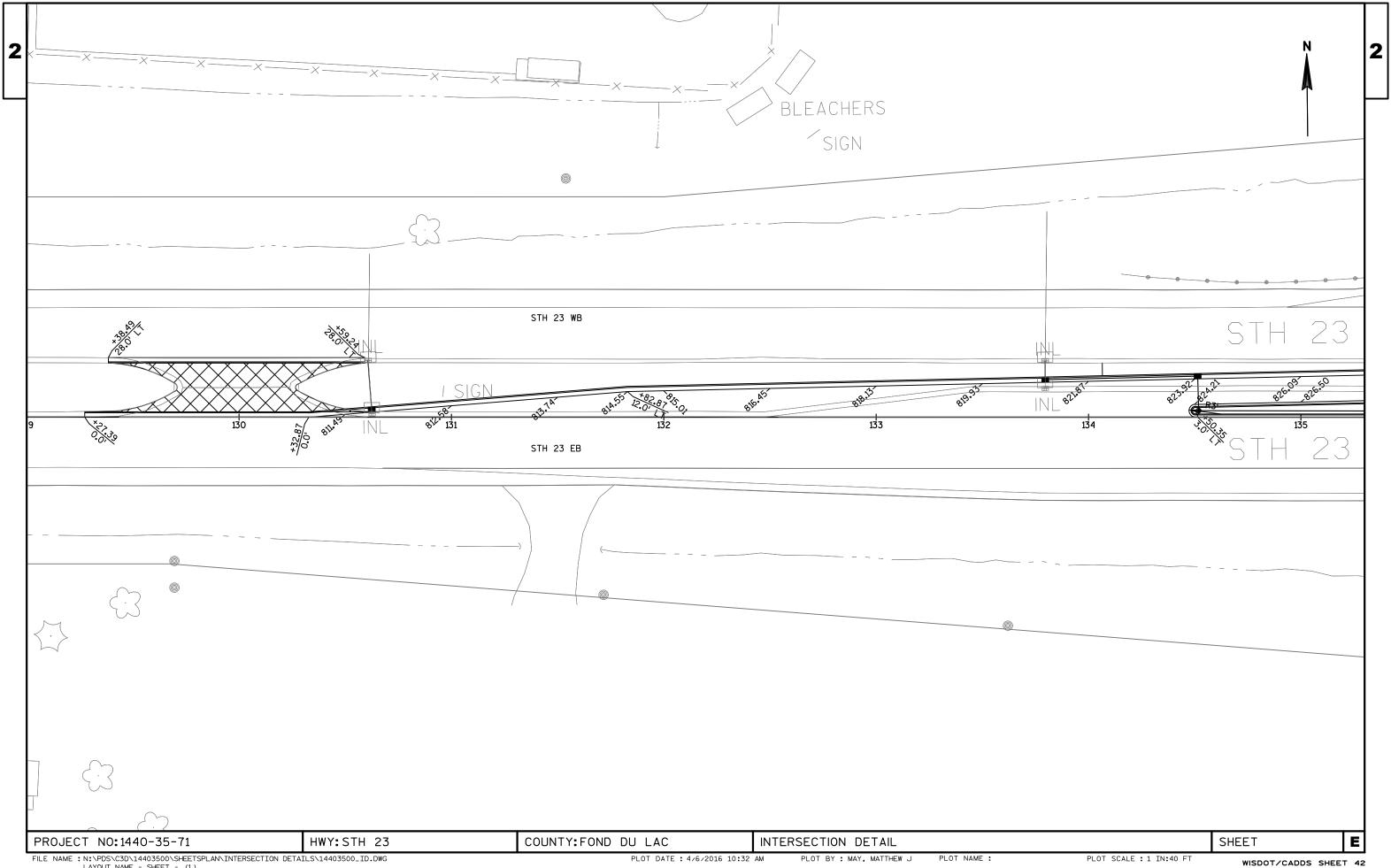
FILE NAME : N:\PDS\C3D\14403500\SHEETSPLAN\CONSTRUCTION DETAILS\CONSTRUCTIONDETAILS.DWG LAYOUT NAME - PLAN 1 IN 10 FT

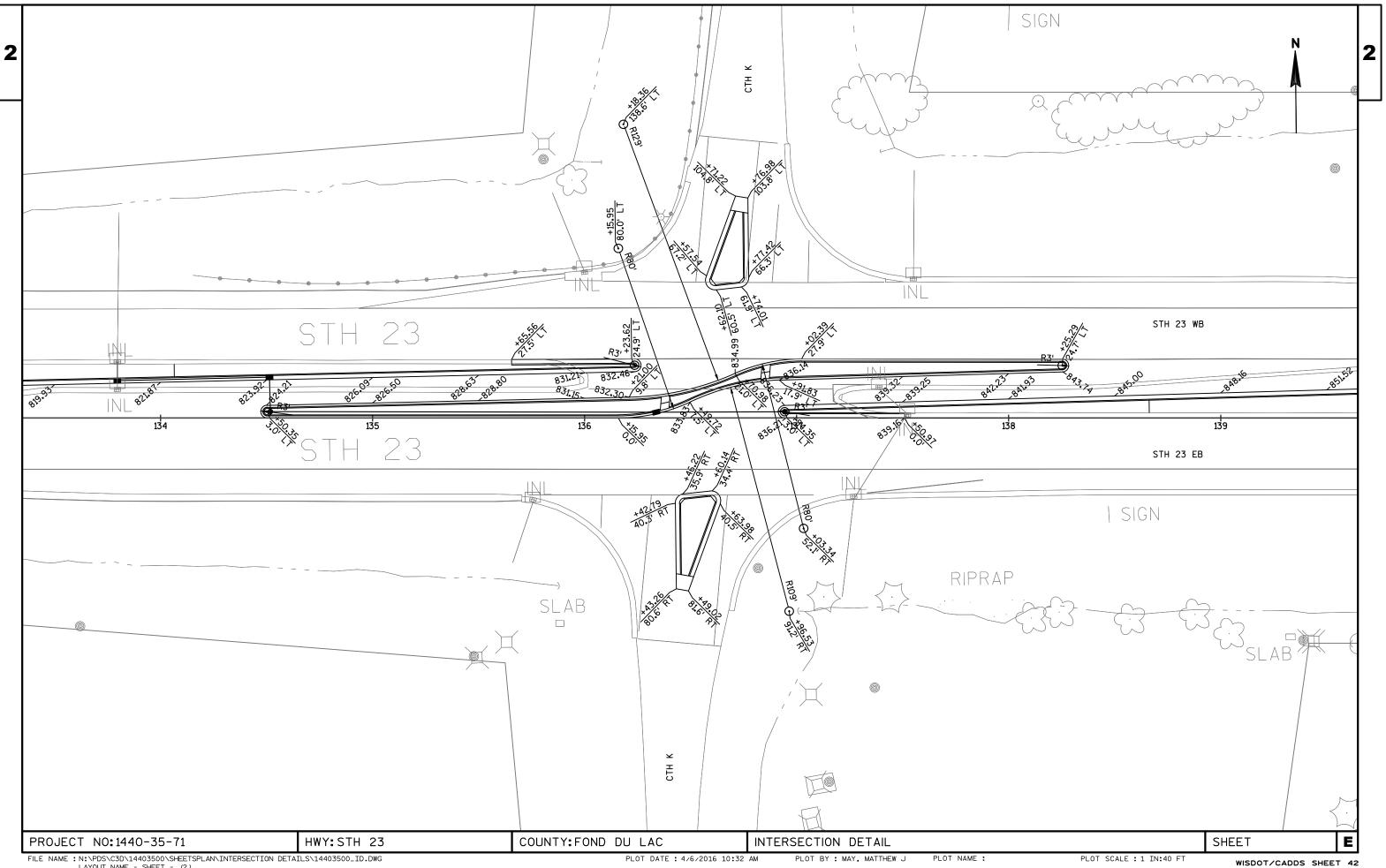
PLOT DATE : 4/27/2016 7:15 AM PLOT BY : MAY, MATTHEW J

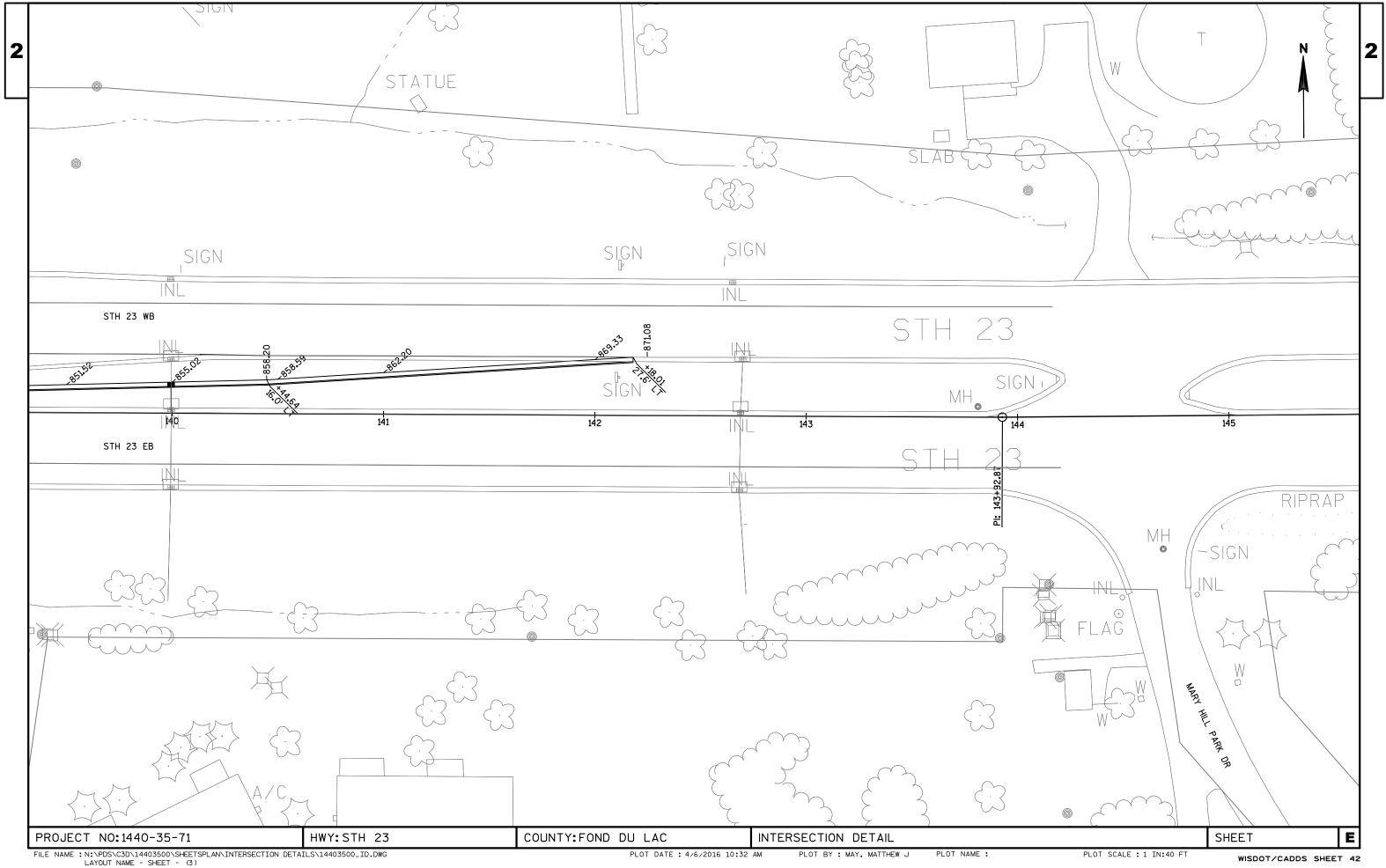
PLOT NAME :

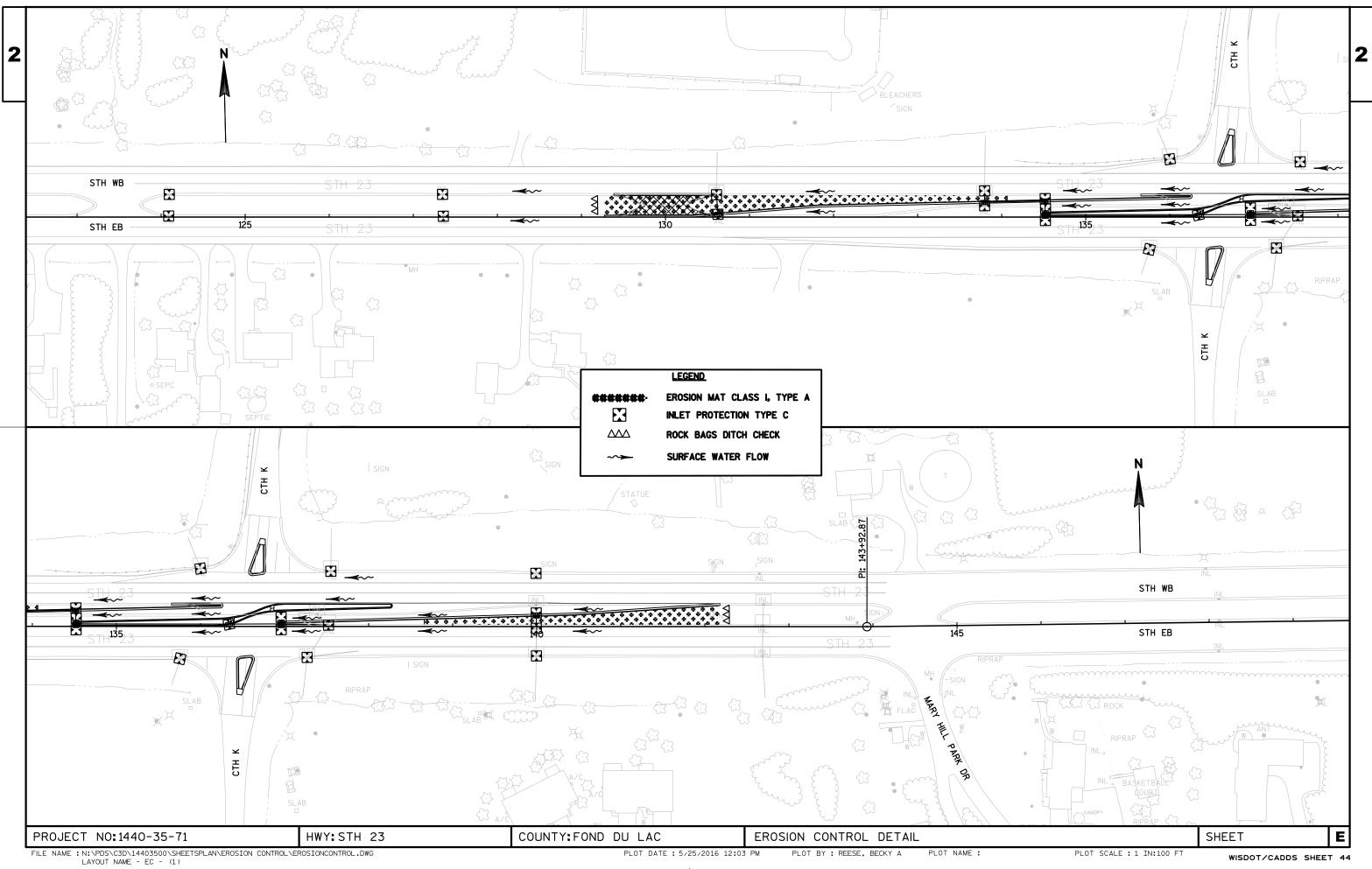
WISDOT/CADDS SHEET 42

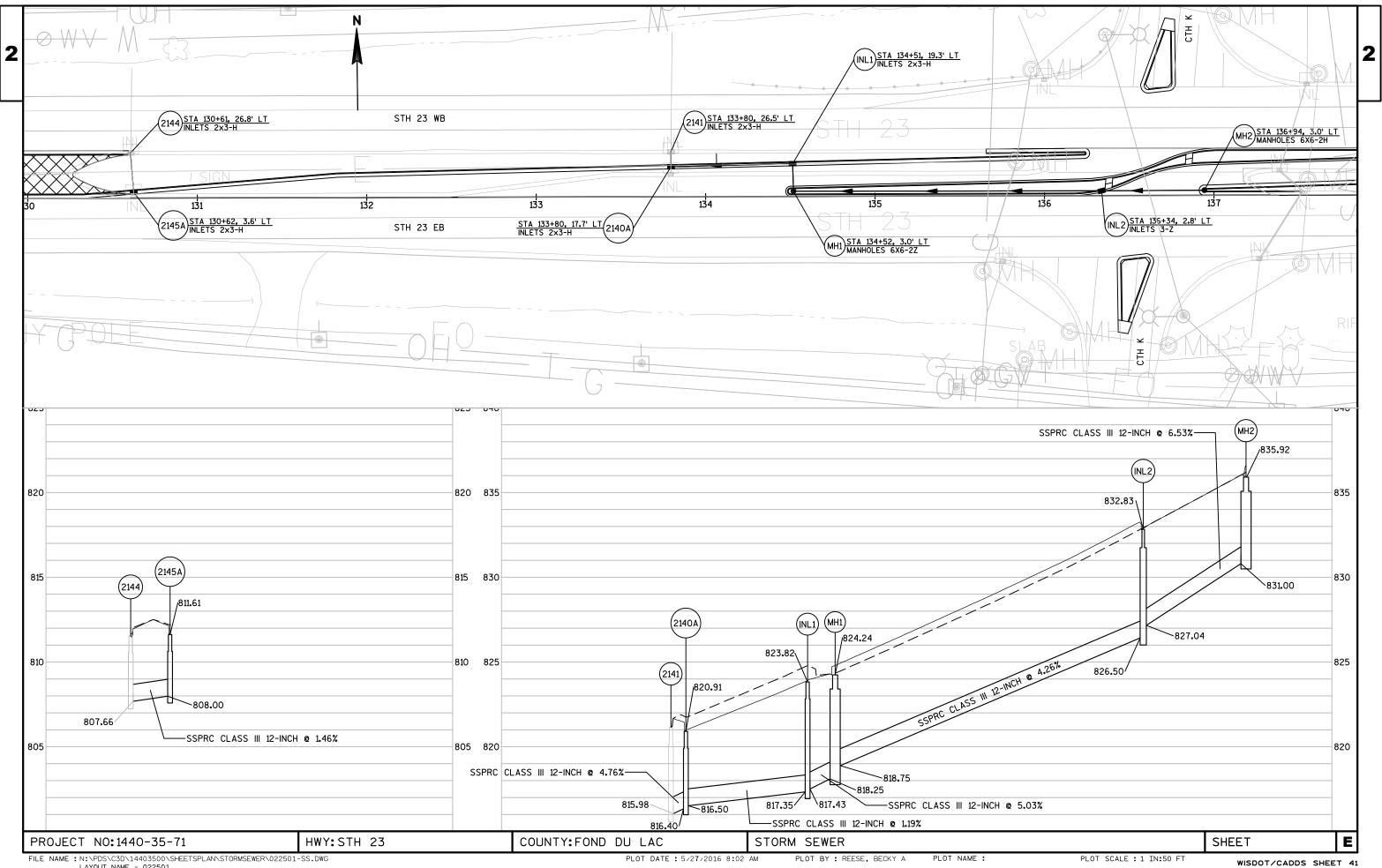






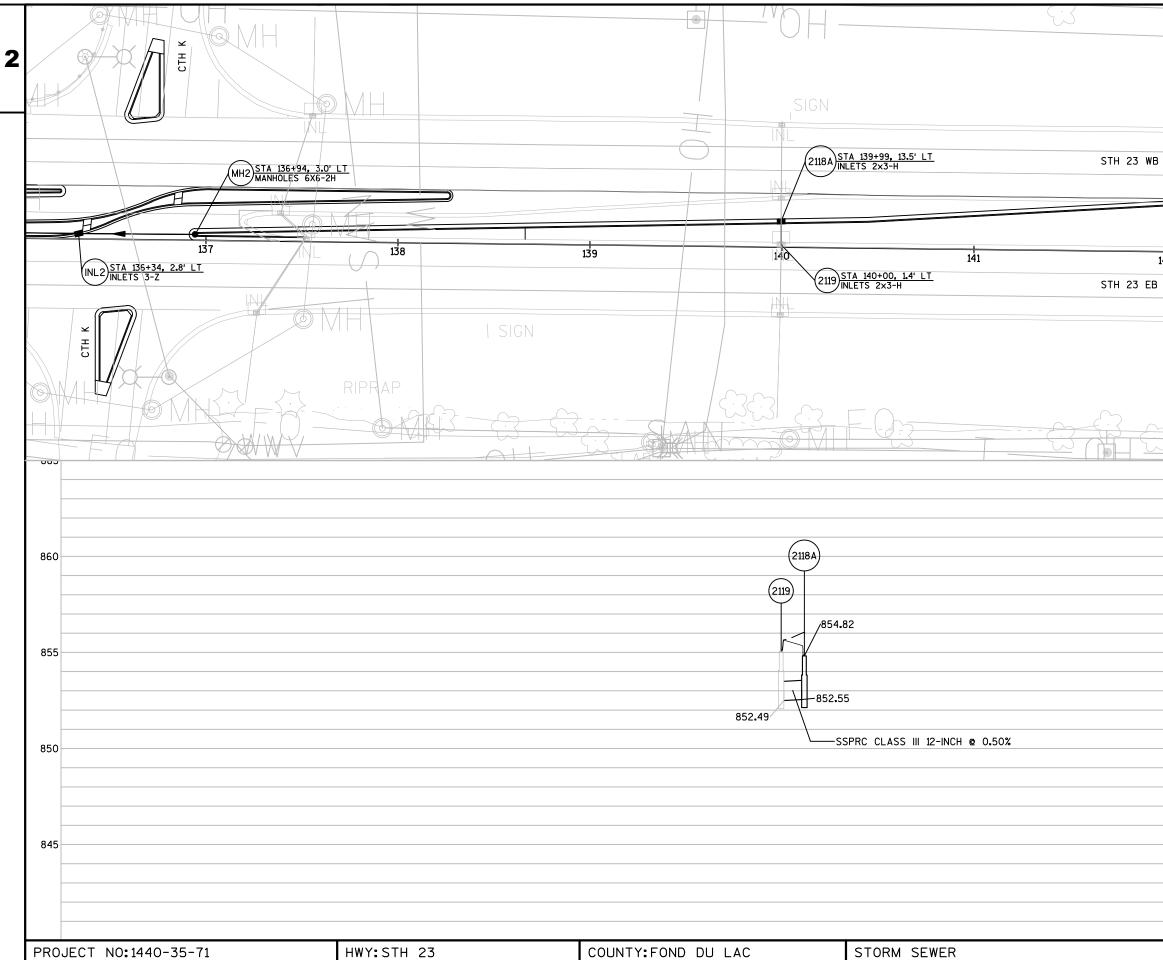






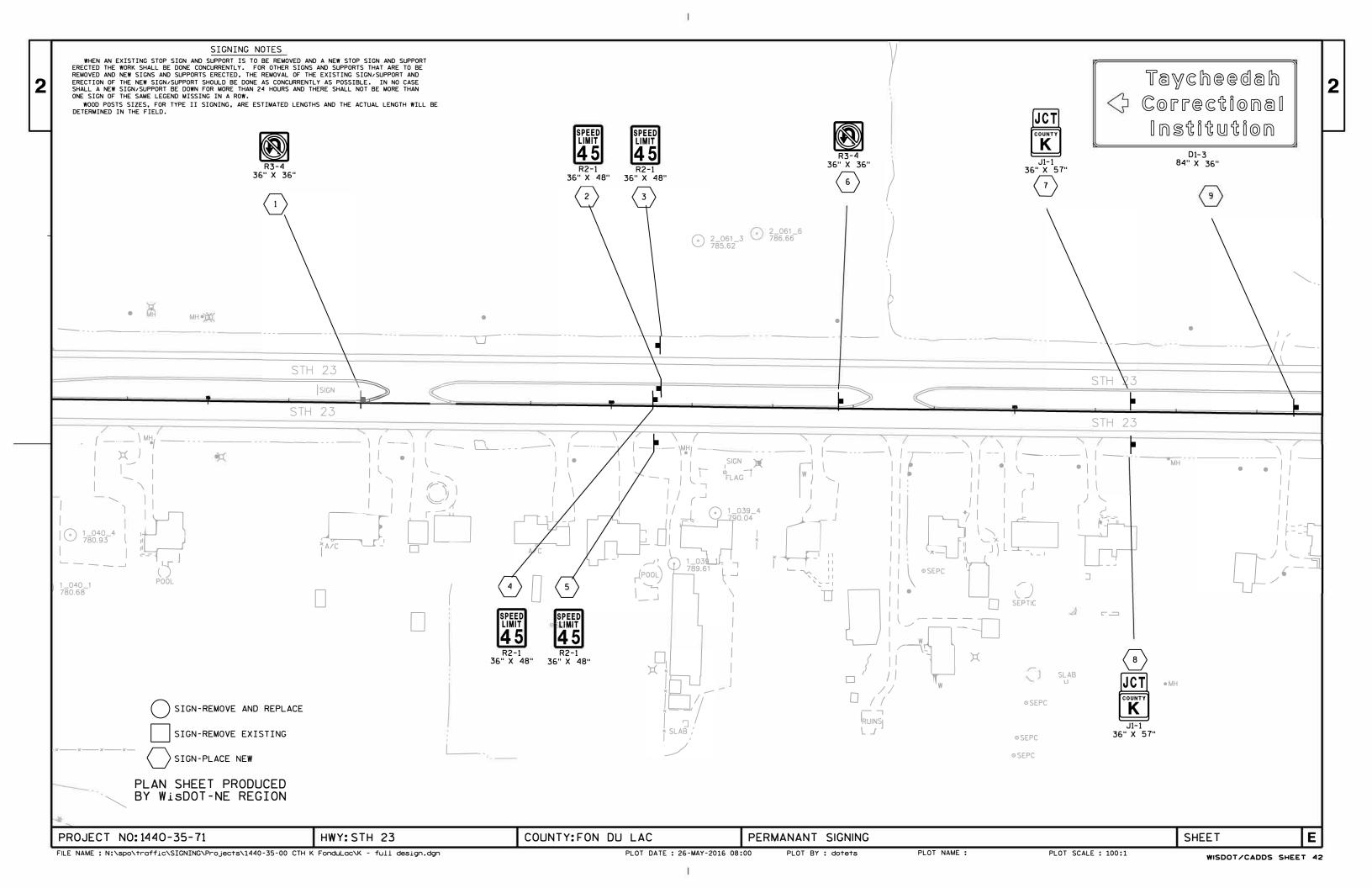
FILE NAME : N:\PDS\C3D\14403500\SHEETSPLAN\STORMSEWER\022501-SS.DWG LAYOUT NAME - 022501

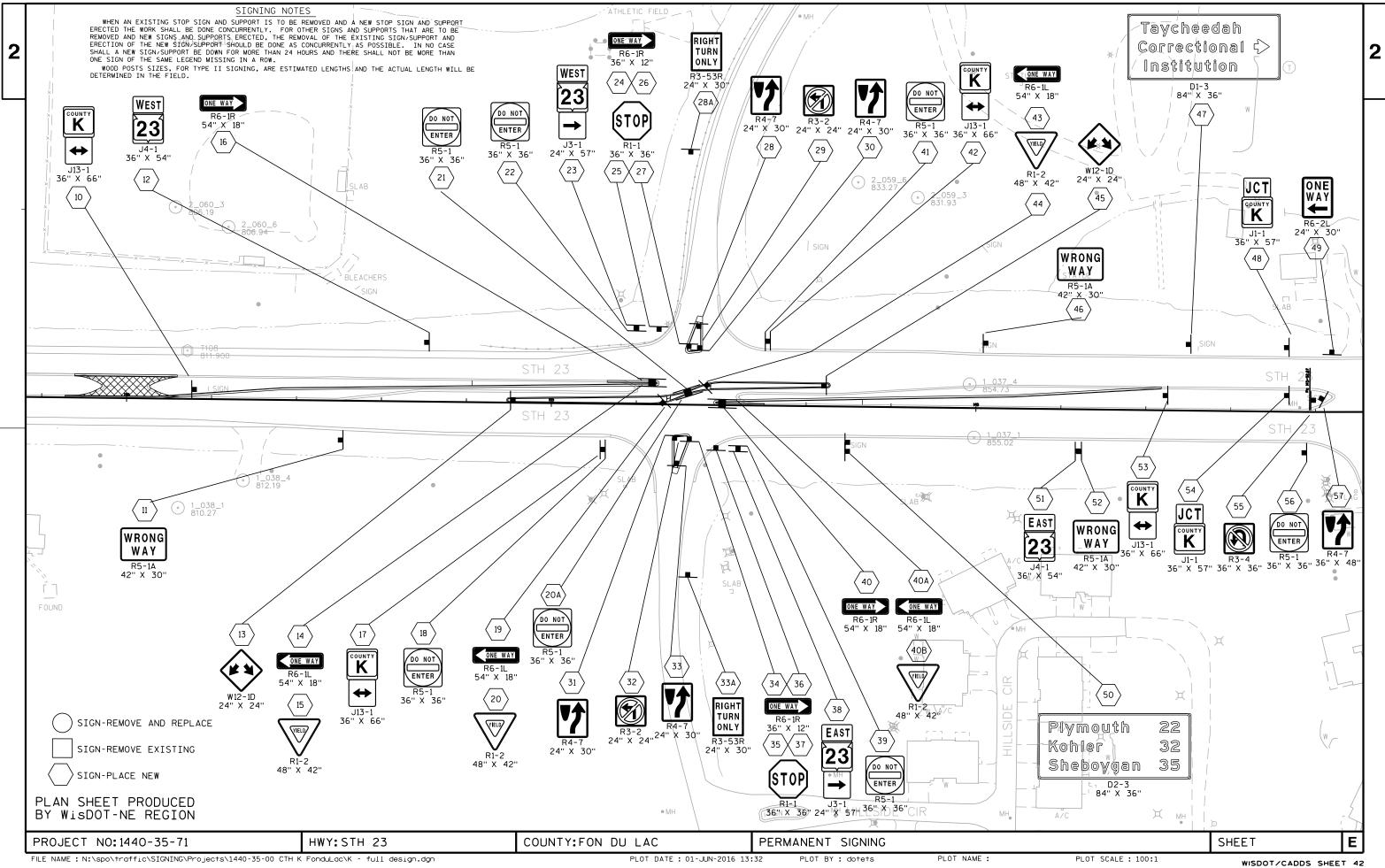
PLOT DATE : 5/27/2016 8:02 AM PLOT BY : REESE, BECKY A PLOT NAME :

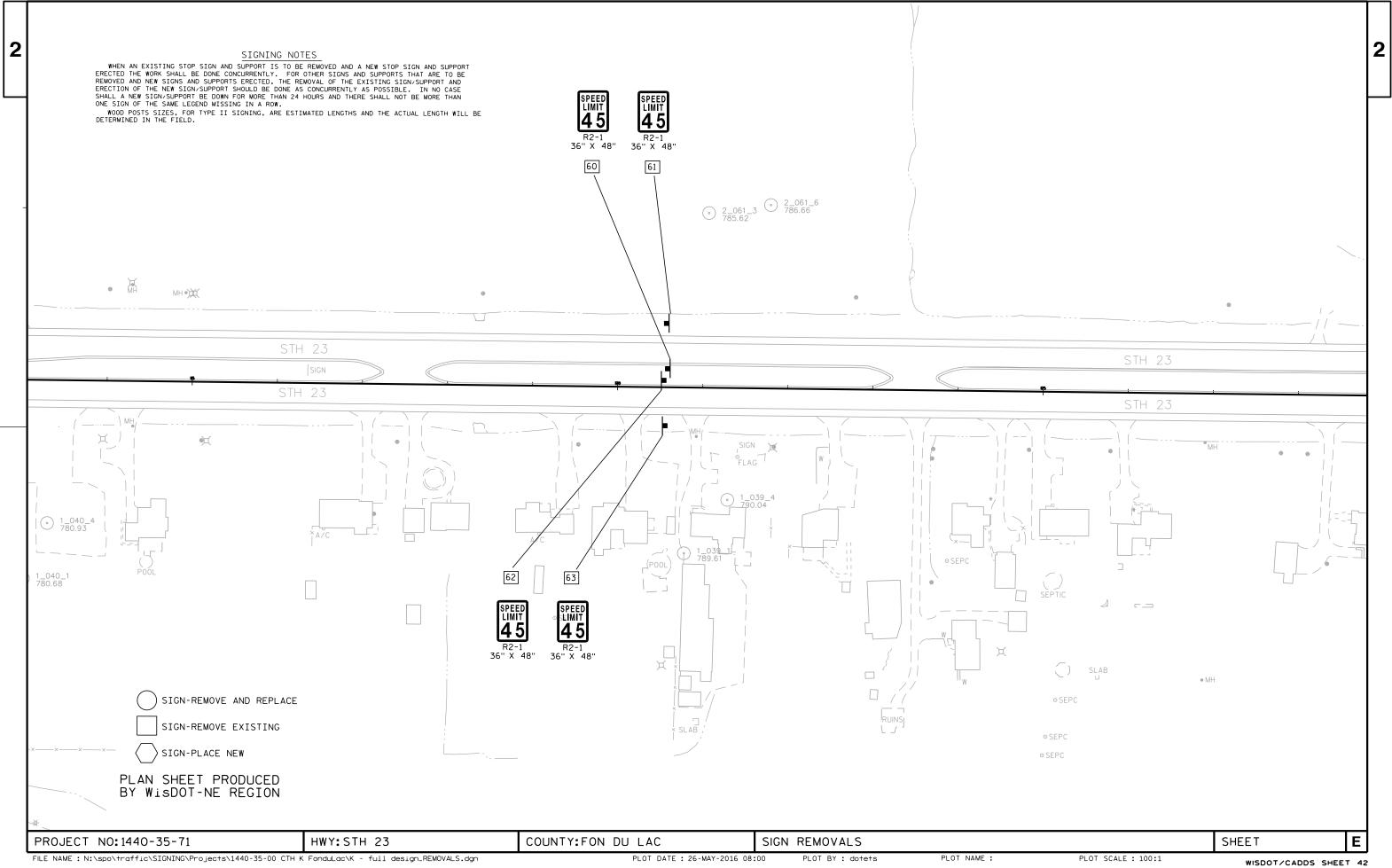


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			LAYOUT NAME - 022502

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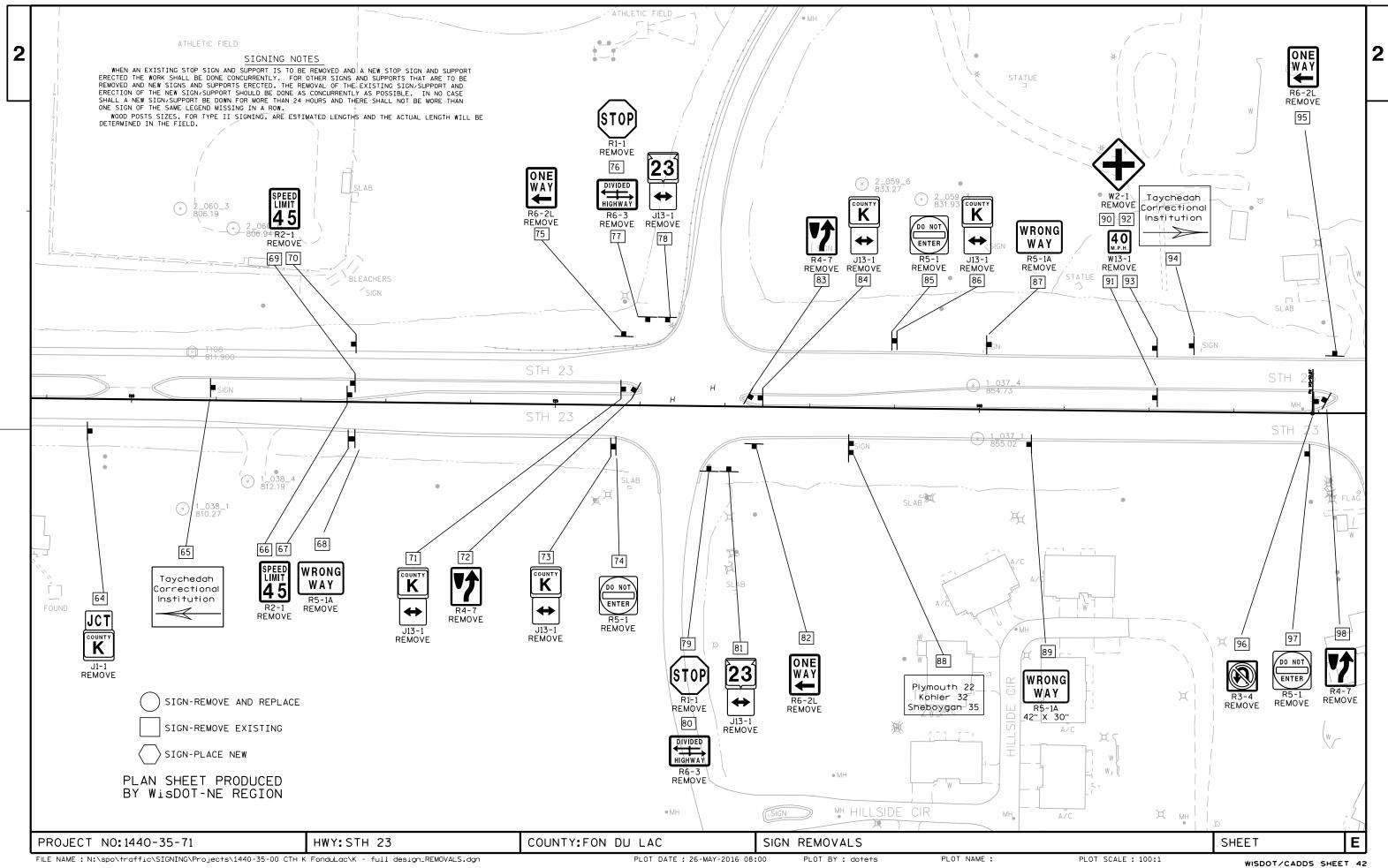


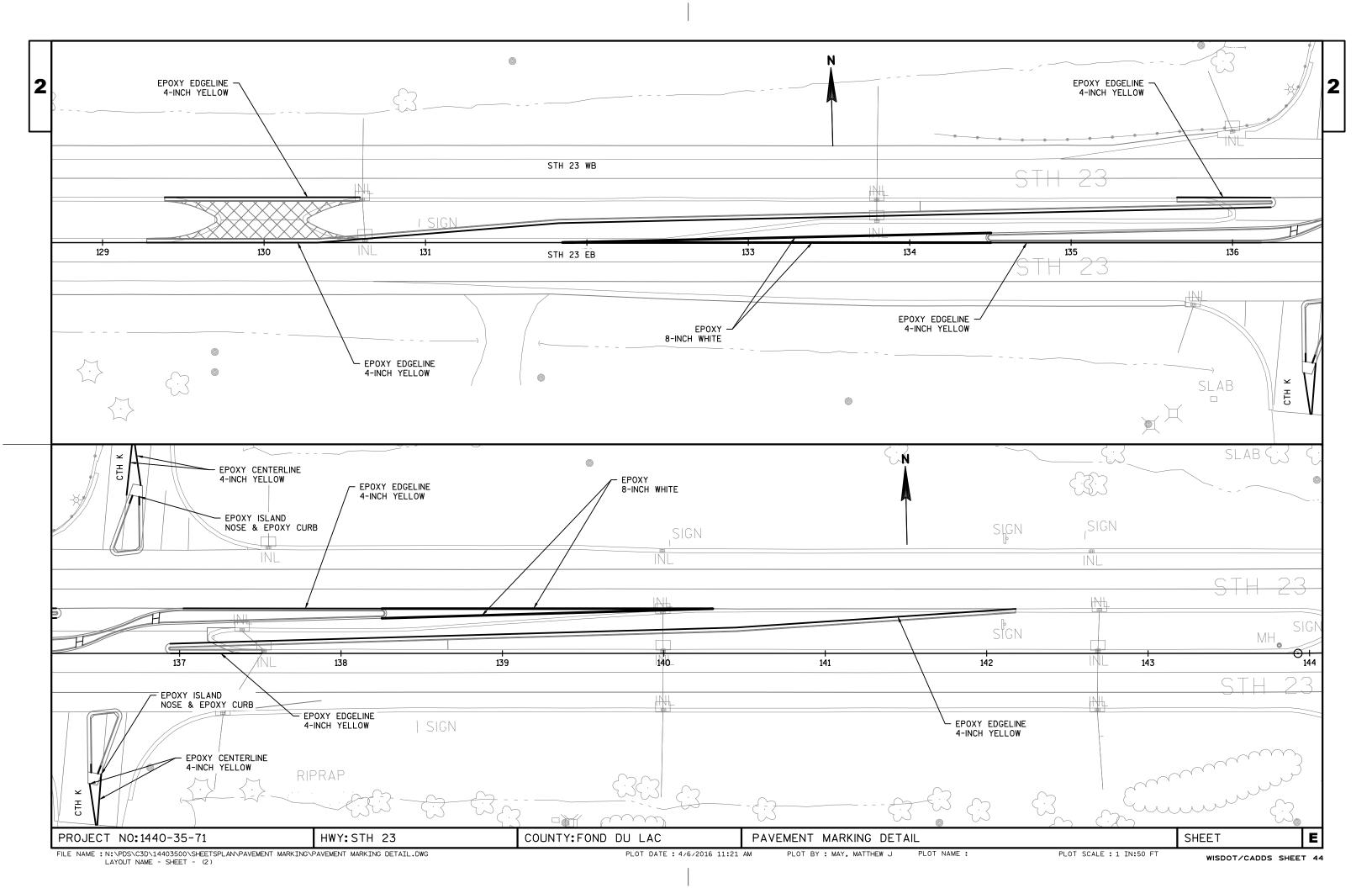


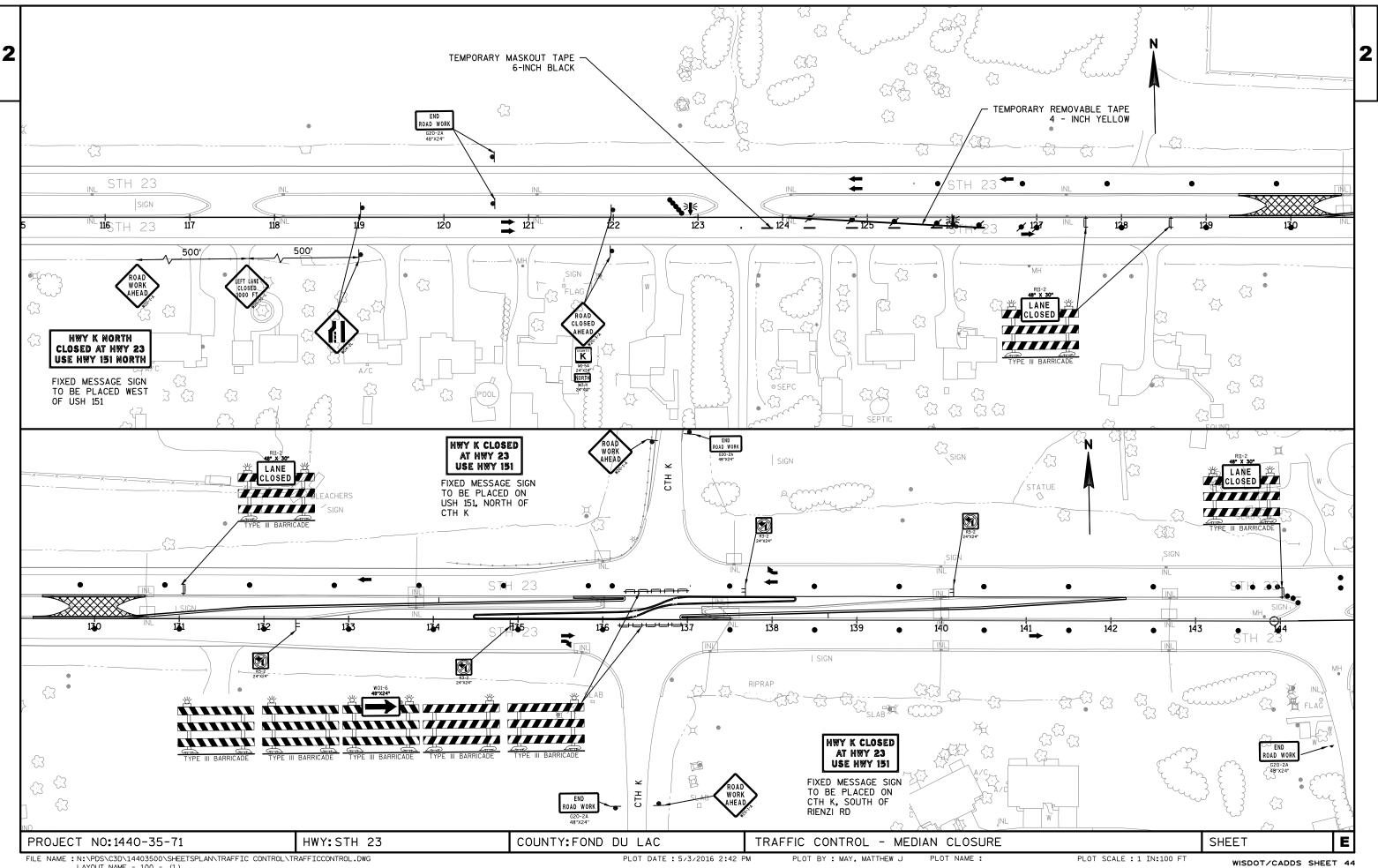
FILE NAME : N:\spo\traffic\SIGNING\Projects\1440-35-00 CTH K FonduLac\K - full design_REMOVALS.dgn

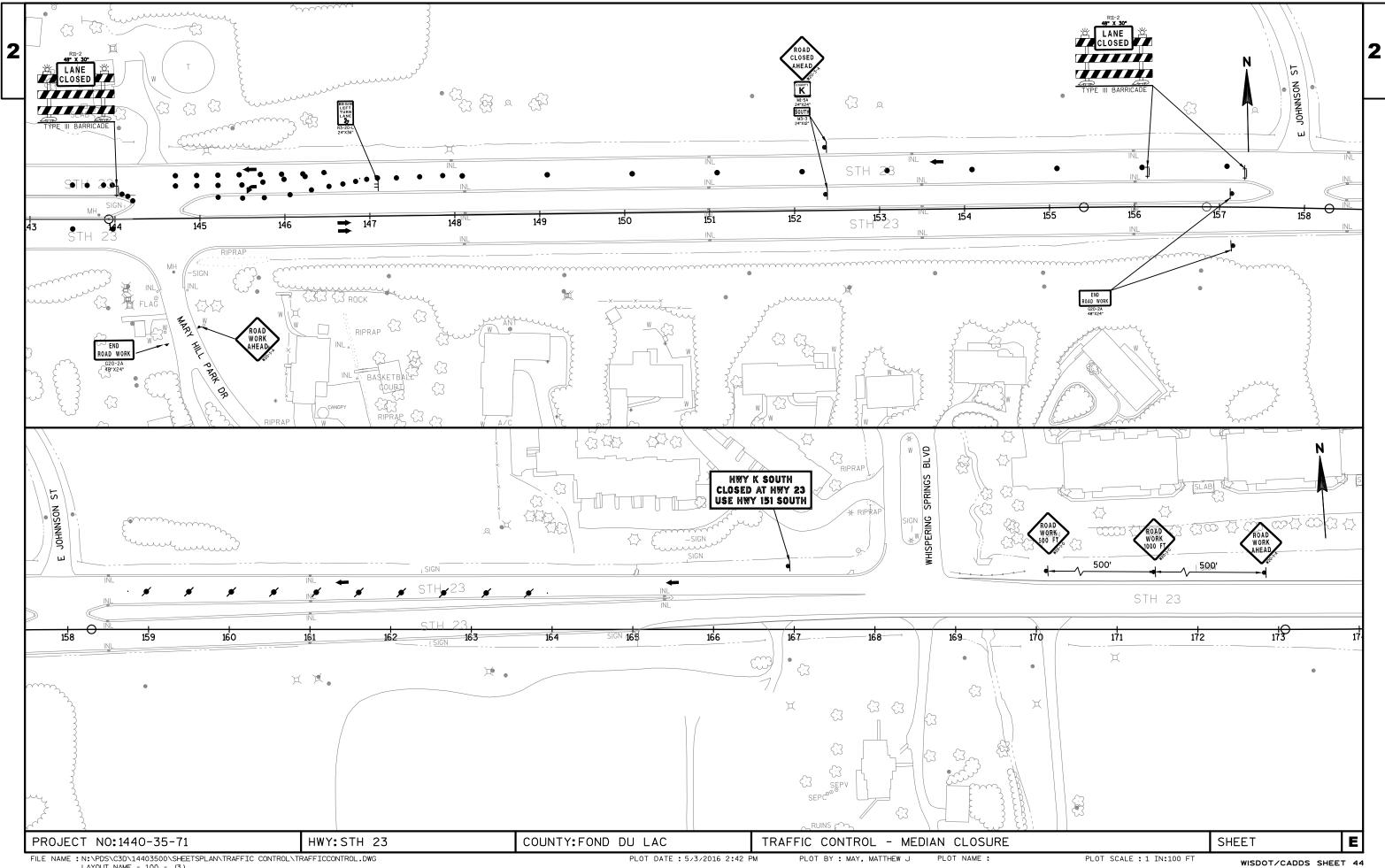
PLOT NAME :

PLOT DATE : 26-MAY-2016 08:00

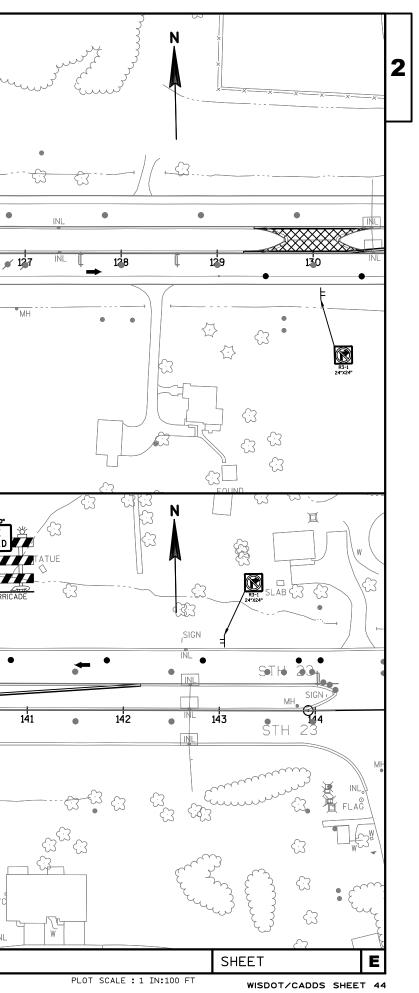


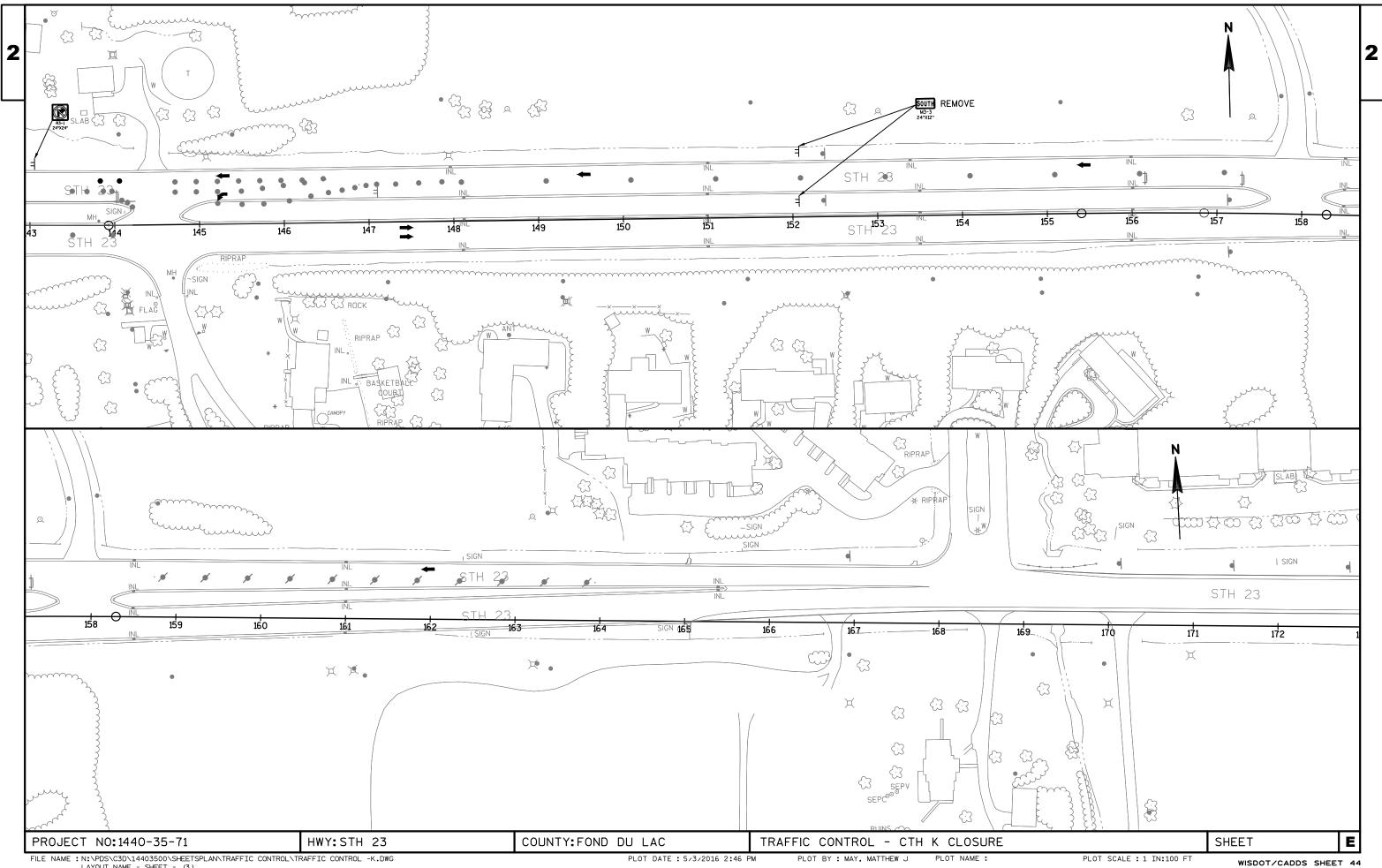






کنک 3 2 5:3 63 ¢3 \Im 3 3 43 †† STH 23 • STH 23 SIGN NL 1165TH 23 120 121^{NL} 123 124^{NI} 117 119 ⇒ 225 + 23 118^{II} 122 125 -SIGN 3 ¥~~~ $\langle \cdot \rangle$ 3 G 3 (F) G^{L.} 3 3 සි සු 3 3 3 NORTH REMOVE 3 3 £:34/C A/C 3 3 ⊙SEPC 3 3 63 3 POOL $\left\langle \cdot \right\rangle$ සිසි සි SEPTIC T ROAD CLOSED 500 FT SIGN LANE LANE CLOSED LANE CLOSED BLEACHERS 1.1.1 77777<u>7</u>77 SIGN TYPE III BARRICADE SIGN €. STH 23 • STH⁷⁵23 170 133 174 136 172 <u>+t=++=</u>137 138 139 131 • * • • • • | SIGN • RIPRAP 0 3 当 此 文 R3-1 24"X24" ROAD CLOSED 500 FT R3-1 24"X24" {:} 凎 LOSE 3 ان ان £ 3 шł 1 SLAB TYPE III BARRICADE 3 BARRICADE 63 PROJECT NO:1440-35-71 HWY:STH 23 COUNTY:FOND DU LAC TRAFFIC CONTROL - CTH K CLOSURE PLOT NAME :





FILE NAME :N:\PDS\C3D\14403500\SHEETSPLAN\TRAFFIC CONTROL\TRAFFIC CONTROL -K.DWG LAYOUT NAME - SHEET - (3)

PLOT NAME :

DATE 16. LI NE	JUN16	EST	гімат	EOFQUAN	T I T I E S 1440-35-71	
	ITEM	I TEM DESCRI PTI ON	UNI T	TOTAL	QUANTI TY	
0010	204. 0100	Removing Pavement	SY	1, 799. 000	1, 799. 000	
0020	204. 0220	Removing Inlets	EACH	4.000	4.000	
0030	204.0245	Removing Storm Sewer (size) 01. 12-INCH	LF	73.000	73.000	
0040	205.0100	Excavation Common	CY	910.000	910.000	
0050	213.0100	Finishing Roadway (project) 01.	EACH	1.000	1.000	
		1440-35-71				
0060	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	817.000	817.000	
0070 0080	416.0620	Shaping Roadway Drilled Dowel Bars	STA EACH	13.000 40.000	13.000 40.000	
0080	416. 1710	Concrete Pavement Repair	SY	40.000	40.000	
0100	450. 4000	HMA Cold Weather Paving	TON	178.000	178.000	
0110	455.0605	Tack Coat	GAL	159.000	159.000	
0120	460. 2000	Incentive Density HMA Pavement	DOL	460.000	460.000	
0130	460. 6223	HMA Pavement 3 MT 58-28 S	TON	561.000	561.000	
0140	460. 6224	HMA Pavement 4 MT 58-28 S	TON	152.000	152.000	
0150	465.0105	Asphaltic Surface	TON	75.000	75.000	
0160	520. 8000	Concrete Collars for Pipe	EACH	3.000	3.000	
0170	601.0405	Concrete Curb & Gutter 18-Inch Type A	LF	755.000	755.000	
0180	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	1, 617. 000	1, 617. 000	
0190	608. 0312	Storm Sewer Pipe Reinforced Concrete	LF	354.000	354.000	
		Class III 12-Inch				
0200	611.0624	Inlet Covers Type H	EACH	6.000	6.000	
0210	611.0666	Inlet Covers Type Z	EACH	3.000	3.000	
0220	611. 2066	Manhol es 6x6-FT	EACH	2.000	2.000	
0230	611. 3003	Inlets 3-FT Diameter	EACH	1.000	1.000	
0240	611. 3230	Inlets 2x3-FT	EACH	4.000	4.000	
0250	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1440-35-71	EACH	1.000	1.000	
		·· · ·				
0260	619.1000	Mobilization	EACH	1.000	1.000	
0270	620.0300	Concrete Median Sloped Nose	SF	236.000	236.000	
0280	624.0100	Water	MGAL	11.000	11.000	
0290	625.0500	Salvaged Topsoil Mabilizations Erssion Control	SY	1, 567.000	1, 567. 000	
0300	628. 1905	Mobilizations Erosion Control	EACH	3.000	3. 000	
0310	628. 1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000	
0320	628.2006	Erosion Mat Urban Class I Type A	SY	1, 567. 000	1, 567. 000	
0330	628.7015	Inlet Protection Type C	EACH	29.000	29.000	
0340	628.7570	Rock Bags	EACH	38.000	38.000	
0350	629.0210	Fertilizer Type B	CWT	1.000	1.000	
0360	630.0130	Seeding Mixture No. 30	LB	7.000	7.000	
0370	630. 0200	Seeding Temporary	LB	4.000	4.000	
0380	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	2.000	2.000	
0390	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	12.000	12.000	
0400	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	24.000	24.000	
0410	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	9.000	9.000	
0420	637.2210	Signs Type II Reflective H	SF	561.590	561.590	
0430	637.2230	Signs Type II Reflective F	SF	8.000	8.000	
0440	638.2602	Removing Signs Type II	EACH	34.000	34.000	
0450	638.3000	Removing Small Sign Supports	EACH	31.000	31.000	
0460	643.0100	Traffic Control (project) 01. 1440-35-71	EACH	1.000	1.000	
0470	643.0300	Traffic Control Drums	DAY	4,695.000	4,695.000	
0480	643.0420	Traffic Control Barricades Type III	DAY	934.000	934.000	
0490	643.0705	Traffic Control Warning Lights Type A	DAY	1,004.000	1,004.000	
0500	643.0715	Traffic Control Warning Lights Type C	DAY	799.000	799.000	
0510	643.0800	Traffic Control Arrow Boards	DAY	94.000	94.000	

DATE 16	6JUN16	EST	ГІМАТІ	EOFQUAN	
				TOTAL	1440-35-71
NUMBER		I TEM DESCRI PTI ON	UNI T	TOTAL	QUANTI TY
0520	643.0900	Traffic Control Signs	DAY	2, 241. 000	2, 241. 000
0530	643.1000	Traffic Control Signs Fixed Message	SF	84.000	84.000
0540	643.1050	Traffic Control Signs PCMS	DAY	42.000	42.000
0550	646. 0106	Pavement Marking Epoxy 4-Inch	LF	1, 868. 000	1, 868. 000
0560	646.0126	Pavement Marking Epoxy 8-Inch	LF	942.000	942.000
0570	647.0456	Pavement Marking Curb Epoxy	LF	20.000	20.000
0580	647.0606	Pavement Marking Island Nose Epoxy	EACH	2.000	2.000
0590	649.0400	Temporary Pavement Marking Removable	LF	230.000	230.000
		Tape 4-Inch			
0600	649.0506	Temporary Pavement Marking Removable	LF	75.000	75.000
		Mask-Out Tape 6-Inch			
0610	650. 4000	Construction Staking Storm Sewer	EACH	7.000	7.000
0620	650. 4500	Construction Staking Subgrade	LF	1, 291. 000	1, 291. 000
0630	650. 5000	Construction Staking Base	LF	1, 291. 000	1, 291. 000
0640	650.5500	Construction Staking Curb Gutter and	LF	2, 372.000	2, 372.000
		Curb & Gutter		,	,
0650	650. 9910	Construction Staking Supplemental	LS	1.000	1.000
		Control (project) 01. 1440-35-71	-		
0660	653.0905	Removing Pull Boxes	EACH	2.000	2.000
0670	690. 0250	Sawing Concrete	LF	1, 923. 000	1, 923. 000
0680	ASP. 1TOA	On-the-Job Training Apprentice at \$5. OO/HR	HRS	150.000	150.000
0690	ASP. 1TOG	On-the-Job Training Graduate at \$5.00/HR	HRS	300.000	300.000
0700	SPV. 0045	Special 01. Incentive for Final	DAY	5.000	5.000
		Completion of Work			

	<u>REM</u>	<u>OVING PAVEMENT</u> 1440-35-71		<u>R</u>	EMOVING INI 1440-35-71		REM	VING S	TORM SEWER 1440-35-71	(12 INCH)
			204. 0100		1440 00 7	204. 0220			1440-35-71	204. 0245
STATI ON	TO	STATION LOCATION	SY	STATI	ON LOCATION	EACH	STAT	ON	LOCATI ON	LF
129+27	-	130+57 STH 23	267	130+6	3 LT	1	130+	63	LT	23
130 + 57	-	142+18 STH 23	1353	133+8	0 LT	1	133+	80	LT	11
134 + 44	-	134+59 STH 23	20	137+3	9 LT	1	137+	39	LT	17
136+43	-	136+65 TH K SOUT	73	140+0	0 LT	1	140+	00	LT	22
136+57	-	136+79 TH K SOUT	66	PRO	JECT TOTAL	4		PROJ	JECT TOTAL	73
136+85	-	137+00 STH 23	20							
		PROJECT TOTAL	1799							

EARTHWORK

Di vi si on	From/To Station	Locati on	Common Excavation (1) Cut (2)	(item # 205.0100) EBS Excavation (3)	Available Material (5)	Unexpanded Fill	Expanded Fill (13) Factor	Mas
Division 1 STH 23 Median	129+27.01 - 142+24.64		910	0	910	20	1.25 25	-
Division 1 Subtotal	•		910	0	910	20	25	4
Grand Total			910	0	910	20	25	
			Total Common Exc	910				

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100

2) Salvaged/Unsuable Pavement Material is included in Cut.

3) EBS Excavation to be backfilled with Select Borrow material. Note: this is designers choice, can be backfilled with Borrow, or Cut as well.

5) Available Material = Cut - Salvaged/Unusuable Pavement Material

13) Expanded Fill. Factor = 1.25 Depending on selections:

<u>Expanded Fill = (Unexpanded Fill) * Fill Factor</u>

PROJECT NO: 1440-35-71			MISCELLANEOUS QUANTITIES	S
	PLOT DATE :		PLOT BY : WISDOT	PLOT NAME :

<u>R</u>]	EMOVING	PULL BOXES	
	35-71		
		653. 0905 ATI ON EACH	
STATI 0			
135+83		MEDIAN 1	
137+5	5 STH 23		
	PROJECT	TTOTAL 2	
lass Ordinate		_	
+/- (14)	Waste	Borrow	Comment:
		(item #208.0100)	
885	885	0	
885	885	0	
000	000	v	
885	885	0	

SHEET:

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BASE AGGREGATE SUMMARY											
1440-35-71											
		305.0120	305. 0520. S	624.0100							
		BASE	SHAPI NG	WATER							
		AGGREGATE	ROADWAY								
		DENSE									
		1 1/4-INCH									
STATION TO STATION	LOCATI ON	TON	STA	MGAL		REMARKS					
129+27 - 139+50	STH 23 MEDIAN	571	10	8.0	9",	RE-USE EXISTING					
139+50 - 142+00	STH 23 MEDIAN	95	3	1.3	6",	RE-USE EXISTING					
129+38 - 130+60	CURB AND GUTTER	10		0.1	9",	RE-USE EXISTING					
136+06 - 136+24	WEST MEDIAN	28		0.4							
134+49 - 138+27	MEDIAN ISLAND	82		1.1							
136+94 - 138+66	EAST MEDIAN	22		0.3							
CTH K NORTH	I SLAND	4		0.1							
CTH K SOUTH	I SLAND	5		0.1							
	PROJECT TOTALS	817	13	11							

PAVEMENT SUMMARY								
			1	440-35-71				
		416. 0620	416. 1710	450. 4000	460. 6223	460. 6224	455.0605	465.0105
		DRI LLED	CONCRETE	HMA	HMA	HMA	TACK	ASPHALTI C
		DOWEL	PAVEMENT	COLD WEATHER	PAVEMENT	PAVEMENT	COAT	SURFACE
		BARS	REPAI R	PAVI NG	3 MT58-28 S	4 MT58-28 S		
STATION TO STATION	LOCATI ON	EACH	SY	TON	TON	TON	GAL	TON
130+33 - 137+03	STH 23 EB			96	303	82	86	
136+19 - 142+18	STH 23 WB			82	258	70	73	
134+06 - 136+24	MEDI AN							15
134+49 - 138+27	MEDIAN ISLAND							35
136+94 - 138+66	MEDI AN							12
CTH K NORTH	I SLAND							6
CTH K SOUTH	I SLAND							7
134+44 - 134+59	STH 23 EB	20	20					
136+85 - 137+00	STH 23 EB	20	20					
	PROJECT TOTALS	40	40	178	561	152	159	75

PROJECT NO: 1440-35-71	HWY: STH 23	COUNTY: FOND DU LAC	MISCELLANEOUS QUANTITIE	S
		PLOT DATE :	PLOT BY : J. FALK	PLOT NAME :

REMARKS

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SHEET:

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CUI	B & GUTTER SUMM	ARY					STOR	M SEWER PIPES		
	1440-35-71							1440-35-71		
	601.0405	601.0409	620. 0300						608. 0312	520. 8000
	CURB AND GUTTER	CURB AND GUTTE	R CONCRETE						SSPRC	CONCRETE
	18- I NCH	30- I NCH	SLOPED						CLASS III	COLLAR
	TYPE A	ΤΥΡΕ Α	NOSE		STRUCTURE				12- I NCH	FOR PIPES
STATION TO STATION LOCATION	LF	LF	SF	REMARKS	ТО	FROM	DI SCHARGE	I NLET	LF	EACH
134+47 - 138+28 STH 23 MEDIAN	755		36		2144	2145A	807.7	808.0	6	1
129+27 - 135+65 EB LT TURN LAN	Е	755	18		2141	2140A	816.0	816.4	6	1
137+60 - 142+18 WB LT TURN LAN	E	581	18		2140A	INL 1	816.5	817.4	72	
129+39 - 130+59 STH 23 WB		120			I NL1	MH 1	817.4	818.3	16	
136+57 - 136+77 CTH K NORTH		77	82		MH 1	INL 2	819.0	826.5	182	
136+43 - 136+65 CTH K SOUTH		84	82		I NL2	MH2	827.0	831.0	62	
PROJECT TOTALS	5 755	1617	236		2118A	2119	852.5	852.6	10	1
							P	PROJECT TOTALS	354	3

					STORM SEWER	STRUCTUR	<u>E ITEMS</u>				
					144	0-35-71					
						611.0624	611.0666	*611. 2066	611. 3003	611. 3230	650.400
						I NLET	I NLET	MANHOLES	I NLET	I NLETS	CONSTRUCT
						COVERS	COVER	6X6 FT	3 FT	2X3 FT	STAKI NO
				RI M	DEPTH	ТҮРЕ Н	TYPE Z		DI AMETER		STORM SEV
STRUCTURE N	O STATION	OFFS	ЕТ	ELEVATI ON	FT	EACH	EACH	EACH	EACH	EACH	EACH
2145A	130+62	3. 6'	LT	811.6	3.4	1				1	1
2140A	133+80	17.7'	LT	820. 9	5.2	1				1	1
INL1	134 + 51	19.3'	LT	823.8	6.2	1				1	1
MH 1	134 + 52	3. 0'	LT	824.2	6. 7		2	1			1
I NL2	136+34	2.8'	LT	832.8	6.1		1		1		1
MH2	136+94	3. 0'	LT	835.9	4.7	2		1			1
2118A	139+99	13.5'	LT	854.8	2.0	1				1	1
				PI	ROJECT TOTALS	6	3	2	1	4	7

PROJECT NO: 1440-35-71	HWY: STH 23	COUNTY: FOND DU LAC	MISCELLANEOUS QUANTITIE	
		PLOT DATE :	PLOT BY : J. FALK	PLOT NAME :

000 CTI ON NG SEWER

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PLOT SCALE : 1:1

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			LANDSCA	PING SUM	MARY		
			14	40-35-71			
				625.0500	629. 0210	630. 0130	630. 0200
				SALVAGED	FERTI LI ZER	SEEDI NG	SEEDI NG
				TOPSOI L	TYPE B	MIX NO 30	TEMPORARY
STATI ON '	T0	STATI ON	LOCATI ON	SY	СШ	LB	LB
129 + 27	-	135 + 66	STH 23 MEDIAN	763	0.01	3	2
137+51	-	142 + 18	STH 23 MEDIAN	491	0.01	2	1
UNDI ST	FRI	BUTED		313	0	1	1
		Р	ROJECT TOTALS	1567	1	7	4

	ERO	SION CONTROL S	SUMMARY			
		1440-35-71				
		628. 1905	628. 1910	628. 2006	628. 7015	628 . [*]
		MOBILIZATIONS	EMERGENCY	EROSION MAT	I NLET	RO
		FOR EROSION	MOBILIZATIONS	URBAN CLASS I	PROTECTI ON	BA
		CONTROL	EROSION CONTROL	TYPE A	TYPE C	
STATION TO STATION	LOCATI ON	EACH	EACH	SY	EACH	EA
PROJECT		3	1			
129+27 - 135+66	STH 23 MEDIAN			763		1
137+51 - 142+18	STH 23 MEDIAN			491		1
124+09	STH 23 MEDIAN				2	
127+35	STH 23 MEDIAN				2	
130+61	STH 23 MEDIAN				2	
133+80	STH 23 MEDIAN				2	
134+51	STH 23 MEDIAN				3	
135+77	STH 23 EB OUTSIDE				1	
136+00	STH 23 WB OUTSIDE				1	
136+33	STH 23 MEDIAN				1	
136+96	STH 23 MEDIAN				2	
137+28	STH 23 EB OUTSIDE				1	
137+54	STH 23 WB INSIDE AND OUTSIDE	E			2	
140+00	STH 23 MEDIAN AND OUTSIDE				4	
PROJECT	UNDI STRI BUTED			313	6	8
	PROJECT TOTAL	S 3	1	1567	29	3

PROJECT NO: 1440-35-71	HWY: STH 23	COUNTY: FOND DU LAC	MISCELLANEOUS QUANTITIES	
		PLOT DATE :		PLOT NAME :

			3
3. 7570			
ROCK BAGS			
EACH			
15 15			
<u></u>			
<u></u>			
8			
38			
	 SHEET:	Е	

	TRAFFIC CONT		GNS SUMMARY -	MEDIAN	CLOSUDE	<u>TRAFFIC (</u>	CONTROL		MMARY - MEDIA	N CLOSURI	E CONTINUED
	IMALITE CONT		1440-35-71		CLOURE			1	440-35-71		
			643. 0900						643. 0900		
		APPROX.	543. 0900 SI GN					APPROX.	SI GN		
		SERVI CE						SERVI CE			
	SI GN	PERIOD	NO. IN						IO. IN		
LOCATI ON	NUMBER	DAYS	SERVI CE	DAYS	REMARKS	LOCATI ON	NUMBER		ERVICE DAYS	R	REMARKS
			EASTBOUND						TH K NORTH		
109+00	W20-1	47	2	94	ROADWORK AHEAD		W20-1	47	1 47		WORK AHEAD
114+00	W20-55-C	47	2	94	LEFT LANE CLOSED 1000 FT		G20- 2A	47	1 47	END	ROAD WORK
119+00	W04-2L	47	2	94	LEFT LAME CLOSED TOOD IT		W01-6	47	1 47		
122+00	W20-3-A	47	2	94	ROAD CLOSED AHEAD				TH K SOUTH		
122+00	M1 - 5A	47	2	94	COUNTY K		W20-1	47	1 47		WORK AHEAD
122+00	M3- 1	47	2	94	NORTH		G20- 2A	47	1 47	END	ROAD WORK
122+50	R11-2	47	ی 1	47	LANE CLOSED		W01-6	47	1 47		
123+30 124+50	R11-2 R11-2	47	1	47	LANE CLOSED			MARY	HILL PARK DR		
			1				W20-1	47	1 47	ROAD	WORK AHEAD
132+50	R3-2	47	1	47	NO LEFT TURNS NO LEFT TURNS		G20- 2A	47	1 47	END	ROAD WORK
135+00	R3-2	47	<u> </u>	47				SU	JBTOTAL 376		
136+50	W01-6	47	1	47	RI GHT ARROW						
157+00	G20- 2A	47	2 WESTBOUND	94	END ROAD WORK						
100.50	COO 04			04	END DOAD HODY						
120+50	G20-2A	47	2	94	END ROAD WORK	ጥወ ል '	FFIC COM	ידאטו פור	NS SUMMARY -	сти к ст	OSUPE
131+00 127 · 50	R11-2	47	1	47	LANE CLOSED	<u>1 KA</u>			440-35-71		NOURE .
137+50	R3-2	47	1	47	NO LEFT TURNS			1	643. 0900		
140+00	R3-2	47	1	47	NO LEFT TURNS			APPROX.	543. 0900 SI GN		
144+00	<u>R11-2</u>	47	<u> </u>	47	LANE CLOSED			SERVI CE	SIGN		
147+00 152 · 50	R3-20-L	47	1	47	BEGIN LEFT TURN LANE		SI GN	PERI OD	NO. IN		
152+50	W20-3-A	47	2 2	94	ROAD CLOSED AHEAD	LOCATI ON	NUMBER	DAYS	SERVI CE	DAYS	REMARKS
152+50	M1 - 5A M3 - 3	47 47	2	94 94	COUNTY K SOUTH	LOCATION	NUMBLIC		EASTBOUND	DAID	KLIW KKS
152+50			2			130+00	R3-1	7	1	7	NO RIGHT TURNS
156+00	R11-2	47 47	I	47	LANE CLOSED	130+00	R11-2-L	7	1	7	LANE CLOSED
157+00	R11-2	47 47	1	47	LANE CLOSED ROAD WORK 500 FT	134+50	R3-1	7	1	7	NO RIGHT TURNS
170+00	W20-1-D		1	47		136+50	R11-2	7	1	7	ROAD CLOSED
175+00	W20-1-C	47	1	47	ROAD WORK 1000 FT	100100	N11 ~		WESTBOUND	,	NORD CLOSED
180+00	W20-1	47		47	ROADWORD AHEAD	137+00	R11-2	7	1	7	ROAD CLOSED
			SUBTOTAL	1739		137+00	R3-1	7	1	7	LANE CLOSED
						138+50	R11-2-L	-	1	7	LANE CLOSED
						143+00	R3-1	7	1	7	NO RIGHT TURNS
						110:00	100 1		TH K NORTH	•	NO MIGHT TOMO
						AT USH 151	R11-4	7	1	7	ON CTH K
						SOUTH OF HUNTER AVE		7	1	7	ON CTH K
						USH 151	W20-3-A		1	7	ROAD CLOSED AHEAD
						LIMITS +500 FT	W20-3-A W20-3-D		1	7	ROAD CLOSED AMEAD ROAD CLOSED 500 FT
						WORK LIMITS	R11-2	7	1	7	ROAD CLOSED 500 FT ROAD CLOSED
							w		TH K SOUTH	•	
						WORK LIMITS	R11-2	7	1	7	ON CTH K
						LIMITS +500 FT	W20-3-D	7	1	7	ON CTH K
						CTH T	W20-3-D W20-3-A		1 1	7	
						AT EASTWIND LN	R11-4	7	1 1	7	ON CTH K
						AT BELLEVUE BLVD	R11-4 R11-4	7	1	7	ON CTH K ON CTH K
						AI DELLEVUE DLVD	NI I - 4	1	SUBTOTAL	126	
									SUDIUIAL	140	
								'n	ROJECT TOTALS	9911	
								P.	RUJECI IUIALS	6 2241	

		-	110 00 11		
			643.0900		
		APPROX.	SI GN		
		SERVI CE			
	SI GN	PERI OD	NO. IN		
LOCATI ON	NUMBER	DAYS	SERVI CE	DAYS	REMARKS
		E	ASTBOUND		
109+00	W20-1	47	2	94	ROADWORK AHEAD
114+00	W20-55-C	47	2	94	LEFT LANE CLOSED 1000 FT
119+00	W04-2L	47	2	94	
122+00	W20-3-A	47	2	94	ROAD CLOSED AHEAD
122+00	M1 - 5A	47	2	94	COUNTY K
122+00	M3-1	47	2	94	NORTH
123+50	R11-2	47	1	47	LANE CLOSED
124+50	R11-2	47	1	47	LANE CLOSED
132+50	R3-2	47	1	47	NO LEFT TURNS
135+00	R3-2	47	1	47	NO LEFT TURNS
136+50	W01-6	47	1	47	RI GHT ARROW
157+00	G20- 2A	47	2	94	END ROAD WORK
		W	ESTBOUND		
120+50	G20- 2A	47	2	94	END ROAD WORK
131+00	R11-2	47	1	47	LANE CLOSED
137+50	R3-2	47	1	47	NO LEFT TURNS
140+00	R3-2	47	1	47	NO LEFT TURNS
144+00	R11-2	47	1	47	LANE CLOSED
147+00	R3- 20- L	47	1	47	BEGIN LEFT TURN LANE
152 + 50	W20-3-A	47	2	94	ROAD CLOSED AHEAD
152 + 50	M1 - 5A	47	2	94	COUNTY K
152 + 50	M3-3	47	2	94	SOUTH
156+00	R11-2	47	1	47	LANE CLOSED
157+00	R11-2	47	1	47	LANE CLOSED
170+00	W20-1-D	47	1	47	ROAD WORK 500 FT
175+00	W20-1-C	47	1	47	ROAD WORK 1000 FT
180+00	W20-1	47	1	47	ROADWORD AHEAD
			SUBTOTAL	1739	

PROJECT NO: 1440-35-71	HWY: STH 23	COUNTY: FOND DU LAC	MISCELLANEOUS QUANTITIES	
		PLOT DATE :	PLOT BY : J. FALK	PLOT NAME :

PLOT SCALE : 1:1

SHEET:

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					M	EDIAN CL	OSURE						
				<u>T</u>	'RAFFI	C CONTR	OL SUMA	<u>IARY</u>					
						1440-35	- 71						
		643.0	300	643.0	420	643. 0	705	643.08	00	643. 0	0715	643.10	50
	APPROX.	DRUI	MS	BARRI C	ADES	WARNI NG	LI GHTS	ARRO	W	Warni ng	Li ght s	PCMS	
	SERVI CE			TYPE	III	TYPE	A A	BOARI	S	Туре	e C		
	PERI OD	NO. IN		NO. IN		NO. I N		NO. IN		NO. I N		NO. I N	
LOCATI ON	DAYS	SERVI CE	DAYS	SERVI CE	DAYS	SERVI CE	DAYS	SERVI CE	DAYS	SERVI CE	DAYS	SERVI CE	DAYS
						EASTBO	UND						
WEST OF PROJECT	7	5	35									1	7
123+00	47	5	235					1	47				
124+00 - 144+00	47	23	1081	2	94	4	188	1	47	6	282		
136+00 - 137+00	47			5	235	6	282						
						<u>WESTBO</u>	UND						
EAST OF PROJECT	7	5	35									1	7
126+00 - 164+00	47	64	3008	4	188					11	517		
136+00 - 137+00	47			5	235	6	282						
	SUBTOTALS		4394		752		752		94		799		14

PROX. RVI CE ERI OD NO. DAYS SER 7	543.030 DRUMS . IN <u>EVICE</u>	5	643. 0 BARRI C TYPE NO. IN SERVI CE	ADES III	643.0 WARNING TYPE NO.IN	LI GHTS	643.08 ARROV BOARD	W	643. 0 Warni ng Type	Lights	643.10 PCMS	
RVI CE ERI OD NO. DAYS SER 7	. IN RVICE		TYPE NO. IN	III	TYPE		BOARD				PCMS	5
ERI OD NO. DAYS SER 7	VICE	DAYS	NO. IN			ΞA		S	Туре	e C		
DAYS SER	VICE	DAYS		DAVO	NO IN							
7		DAYS	SERVI CE				NO. IN		NO. I N		NO. I N	
-	5			DAYS			SERVI CE	DAYS	SERVI CE	DAYS	SERVI CE	DAYS
-	5				EASTBO	UND						
7 1		35									1	7
	12	84	6	42	8	56						
					<u>WESTBOU</u>	UND						
7	5	35									1	7
7 1	11	77	6	42	8	56						
					CTH K NO	ORTH						
7	5	35									1	7
7 -			1	7	2	14						
7 -			1	7	2	14						'
7 -			5	35	6	42						
					CTH K SC	DUTH						
7 -			5	35	6	42						
7 -			1	7	2	14						1
7 -			1	7	2	14						
7	5	35									1	7
TOTALS		301		182		252		0		0		28
T TOTALS	4	4695		934		1004		94		799		42
	7 - 7 - 7 - 7 - 7 TOTALS	7 7 7 7 7 5 TOTALS	7 7 7 7 7 7 7 5 35 TOTALS 301	7 5 7 5 7 5 7 1 7 1 7 5 35 70TALS 301	7 5 35 7 5 35 7 5 35 7 1 7 7 1 7 7 5 35 7 5 35 7 5 35 7 5 35 70TALS 301 182	7 5 35 6 CTH K S0 7 5 35 6 7 5 35 6 7 5 35 6 7 1 7 2 7 5 35 TOTALS 301 182	7 5 35 6 42 CTH K SOUTH 7 5 35 6 42 7 5 35 6 42 7 5 35 6 42 7 1 7 2 14 7 1 7 2 14 7 5 35 TOTALS 301 182 252	7 5 35 6 42 CTH K SOUTH 7 5 35 6 42 7 5 35 6 42 7 5 35 6 42 7 1 7 2 14 7 1 7 2 14 7 5 35 7 5 35 7 5 35 7 5 35 70 TALS 301 182 252 252	7 5 35 6 42 CTH K SOUTH 7 5 35 6 42 7 5 35 6 42 7 1 7 2 14 7 1 7 2 14 7 1 7 2 14 7 5 35 7 5 35 7 5 301 182 252 0	7 5 35 6 42 CTH K SOUTH 7 5 35 6 42 7 5 35 6 42 7 1 7 2 14 7 1 7 2 14 7 1 7 2 14 7 1 7 2 14 7 7 70 70 70	7 5 35 6 42 CTH K SOUTH 7 5 35 6 42 7 5 35 6 42 7 1 7 2 14 7 1 7 2 14 7 1 7 2 14 7 1 7 2 14 7 5 35 TOTALS 301 182 252 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

PROJECT NO: 1440-35-71	HWY: STH 23	COUNTY: FOND DU LAC	MISCELLANEOUS QUANTITIES	3
		PLOT DATE :	PLOT BY : J. FALK	PLOT NAME :

C		DEMAD	VC	
S		REMAR	N2	
-				
-				
-	W/ROAD	CLOSED	AHEAD	SIGN
-	W/ROAD	CLOSED	AHEAD	SIGN
-				
-				
-	W/ROAD	CLOSED	ΔΗΕΔΠ	SIGN
-	W/ROAD	CLOSED	AHEAD	SI GN
	MOVE	то стн	T IF O	PEN
			0	

REMARKS

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	Ţ	RAFFIC CONTROL SIGNS	FIXED MESSAGE	643. 1000 TRAFFI C CONTROL SI G	NS				VEMENT M 1440-35- 646.0126 EPOXY 8-INCH	71	647.0606 EP0XY I SLAND	649.0400 TEMPORARY REMOVABLE TAPI	649.0506 TEMPORARY E MASKOUT TAPE
		SI GN		FIXED MESSA	GE			YELLOW	WHI TE		NOSE	4-INCH	6-INCH
	LOCATI ON	MESSAGE		S. F.	REMARKS	STATION TO STATION	LOCATI ON	LF	LF	LF	EACH	YELLOW LF	BLACK LF
3	STH 23 EB, BEFORE USH 151 RAMPS	HWY K NORTH CLOSED AT HWY 23 USE HWY 151 NORTH	96" X 36"	24.00		$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	STH 23 EB STH 23 EB	 864 57	 532 			230 	75
	STH 23 WB	HWY K SOUTH CLOSED AT HWY 23 USE HWY 151 SOUTH	96" X 36"	24. 00		129+38 - 130+59 135+65 - 136+24 136+94 - 142+18 CTH K NORTH	STH 23 WB STH 23 WB STH 23 WB	121 58 648 62	410	 10	 1		
	USH 151 SB, BEFORE CTH K	HWY K CLOSED AT HWY 23 USE HWY 151	72" X 36"	18.00		CTH K SOUTH	PROJECT TOTALS	58	942	10 10 20	1 2	230	75
	CTH K NB, BEFORE RIENZI RD	HWY K CLOSED AT HWY 23 USE HWY 151	72" X 36"	18.00									
			PROJECT TOTAL	84.00									

<u>CONSTRUCTI ON STAKI NG</u>										
		650. 4500	650. 5000	650. 5500	650. 9910					
		SUBGRADE	BASE	CURB AND GUTTER	SUPPLEMENTAL					
					CONTROL					
STATION TO STATION	LOCATI ON	LF	LF	LF	LS	REMARKS				
129+27 - 142+18	STH 23	1291	1291	2372	1					
PF	OJECT TOTALS	1291	1291	2372	1					

			SAWING CON	CRETE			
			1440-35-				
				690. 0250			
STATI ON	T0	STATI ON	LOCATI ON	LF		REMARKS	
129 + 38	-	130+60	STH 23 WB	126	EB	REFERENCE	LINE
135 + 66	-	142 + 18	STH 23 WB	658	EB	REFERENCE	LI NE
129 + 28	-	137 + 51	STH 23 EB	829			
134 + 44	-	134 + 59	STH EB	40			
136 + 43	-	136+65	CTH K SOUTH	118	EB	REFERENCE	LINE
136 + 56	-	136 + 78	CTH K NORTH	112	EB	REFERENCE	LI NE
136 + 85	-	137+00	STH 23 EB	40			
]	PROJECT TOTAL	1923			

PROJECT NO: 1440-35-71	HWY: STH 23	COUNTY: FOND DU LAC	MISCELLANEOUS QUANTITIES	
		PLOT DATE :	PLOT BY : J. FALK	PLOT NAME :

PLOT SCALE : 1	1:1

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				637.2210 SIGNS	637.2230 SIGNS	634.0612 POSTS	634.0614 POSTS	634.0616 POSTS	634.0618 POSTS	638.2602 REMOVING	638.3000 REMOVING	
				TYPE II	TYPE II	WOOD	WOOD	WOOD	WOOD	SIGNS	SMALL	
				REFLECTIVE	REFLECTIVE	4x6x12	4x6x14	4x6x16	4x6x18	TYPE II	SIGN	
IGN		SIGN		ΤΥΡΕ Η	TYPE F						SUPPORTS	
o.	LOCATION	CODE	ωхн	S.F.	S.F.	EACH	EACH	EACH	EACH	EACH	EACH	REMARKS
1	STH 23 WEST OF CTH K	R3-4	36" X 36"	9.00			1					
2	п	R2-1	36" X 48"	12.00				1				SPEED LIMIT 45
3	п	R2-1	36" X 48"	12.00				1				SPEED LIMIT 45
4	Ш	R2-1	36" X 48"	12.00				1				SPEED LIMIT 45
5	"	R2-1	36" X 48"	12.00				1				SPEED LIMIT 45
<u>5</u>	"	R3-4	36" X 36"	9.00			1					
7	"	J1-1	36" X 57"	14.25					1			ЭСТ СТН К
3	"	J1-1	36" x 57"	14.25				1				ЭСТ СТН К
9	Ш	D1-3	84" x 36"	21.00				2				SEE DETAIL SHEET
.0		J13-1	36" X 66"	16.50					1			СТН К
.1	"	R5-1A	42" x 30"	8.75			1					
.2		J4-1	36" x 54"	13.50					1			WEST STH 23
.3	EB STH 23 MEDIAN	W12-1D	24" x 24"		4.00	1						2' MOUNTING HEIGHT
.4	WB STH 23 MEDIAN	R6-1L	54" X 18"	6.75					1			MOUNT ABOVE SIGN 15
.5		R1-2	48" X 42"	7.00								
.6		R6-1R	54" X 18"	6.75								MOUNT TO BACK OF SIGN 14
.7 .8	STH 23 WEST OF CTH K	J <u>13-1</u> R5-1	36" x 66" 36" x 36"	16.50 9.00					1			CTH K MOUNT TO BACK OF SIGN 17
.0	STH 23/CTH K MEDIAN	R6-1L	54" X 18"	<u>9.00</u> 6.75								MOUNT TO BACK OF SIGN 17 MOUNT ABOVE SIGN 20
0	STH 25/CTH K MEDIAN	R0-1L R1-2	48" X 42"	7.00								MOUNT ABOVE SIGN 20
)A	п	R5-1	36" X 36"	9.00				1				
1	"	R5-1	36" X 36"	9.00				 				MOUNT TO BACK OF SIGN 20A
2	CTH K NORTH OF STH 23	R5-1	36" X 36"	9.00				1				
3	"	J3-1	24" X 57"	9.50								WEST 23 RIGHT, MOUNT TO BACK OF SIGN 22
4	н	R6-1R	36" X 12"	3.00				1				
5	п	R1-1	36" X 36"	7.46								MOUNT BELOW SIGN 24
6	NORTH CTH K SPLITTER ISLAND	R6-1R	36" X 12"	3.00				1				
7	п	R1-1	36" X 36"	7.46								MOUNT BELOW SIGN 26
8	Ш	R4-7	24" x 30"	5.00			1					
8A	CTH K NORTH OF STH 23	R3-53R	24" X 30"	5.00			1					
9	NORTH CTH K SPLITTER ISLAND	R3-2	24" X 24"	4.00								MOUNT BELOW SIGN 27
0	п	R4-7	24" X 30"	5.00			1					
1	SOUTH CTH K SPLITTER ISLAND	R4-7	24" X 30"	5.00			1					
2	п	R3-2	24" x 24"	4.00								MOUNT BELOW SIGN 35
3	п	R4-7	24" X 30"	5.00			1					
3A	CTH K SOUTH OF STH 23	R3-53R	24" X 30"	5.00			1					
4	SOUTH CTH K SPLITTER ISLAND	R6-1R	36" X 12"	3.00				1				
5	"	R1-1	36" X 36"	7.46								MOUNT BELOW SIGN 34
6	CTH K SOUTH OF STH 23	R6-1R	36" X 12"	3.00				1				
7	"	R1-1	36" X 36"	7.46								MOUNT BELOW SIGN 36
8	"	J3-1	24" x 57"	9.50				1				EAST 23 RIGHT
9		R5-1	36" X 36"	9.00								MOUNT TO BACK OF SIGN 38
0	EB STH 23 MEDIAN	R6-1R	54" X 18"	6.75								MOUNT TO BACK OF SIGN 40A
)A		R6-1L	54" x 18"	6.75					1			
ЭВ		R1-2	48" x 42"	7.00								MOUNT BELOW SIGN 40A
1	STH 23 EAST OF CTH K	R5-1	<u>36" X 36"</u>	9.00					1			
3		J13-1 R6-1L	36" x 66" 54" x 18"	16.50 6.75					1			CTH K, MOUNT TO BACK OF SIGN 41
	WB STH 23 MEDIAN											
4 5		R1-2 W12-1D	48" x 42" 24" x 24"	7.00	4.00							MOUNT BELOW SIGN 43 2' MOUNTING HEIGHT
.6	STH 23 EAST OF CTH K	R5-1A	42" X 30"	8.75	4.00		1					
.7	STH 23 EAST OF CTH K	D1-3	84" X 36"	21.00				2				TAYCHEDAH CORRECTIONAL INSTITUTION RIGHT, SEE DETAIL SHEET
<u>- I</u>	PAGE SUBTOTA		<u></u>	438.34	8.00	2	10	17	8	0	0	
						<u> </u>				<u> </u>	÷	
	: 1440-35-71	HWY: S				OUNTY: FO			NALC		OUS QUANT	ITIES SHEET:

ERECTION & REMOVAL OF PERMANENT SIGNING, TYPE II

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637.2210 637.2230 634.0616 638.2602 638.3000 634.0612 634.0614 634.0618 SIGNS SIGNS POSTS POSTS POSTS POSTS REMOVING REMOVING TYPE II TYPE II WOOD WOOD WOOD WOOD SIGNS SMALL REFLECTIVE REFLECTIVE 4x6x12 4x6x14 4x6x16 4x6x18 TYPE II SIGN SUPPORTS SIGN SIGN TYPE H TYPE F NO. LOCATION CODE EACH EACH EACH EACH EACH WХΗ S.F. S.F. EACH 48 STH 23 EAST OF CTH K J1-1 36" X 57" 14.25 1 ---___ ____ ---___ ___ 49 ... 24<u>" x 30"</u> R6-2L 5.00 1 ------___ ____ ____ ___ ... 50 D2-3 84" X 36" 21.00 ---------2 ---------51 J4-1 36" x 54" 13.50 ___ ___ ---1 ---------52 R5-1A 42" X 30' 8.75 ------------------___ 53 J13-1 36" X 66" 16.50 ___ ___ ------1 ___ ___ 36" x 57" 54 J1-1 14.25 ___ ___ ---1 ---------... 55 36" X 36' 9.00 R3-4 ---___ 1 ___ ___ ___ ___ п 56 36" X 36" R5-1 9.00 1 ___ ___ ___ ___ ___ ___ 57 36" X 48" 12.00 1 R4-7 ------____ ___ ____ ___ 58 VACANT ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ 59 VACANT ___ ------___ ____ ___ ___ ___ ___ ___ 60 STH 23 WEST OF CTH K R2-1 ___ 1 1 ---___ ---___ ___ ___ 61 R2-1 1 1 ___ ___ ___ ____ ------___ 62 R2-1 ---___ ------___ ___ ___ 1 1 63 н R2-1 ---___ ___ ___ ---------1 1 64 н J1-1 ---------___ ____ ___ ---1 1 65 I55-53 ------___ ___ ---------TAYCH 1 1 н 66 R2-1 ------___ ___ ---------1 1 67 ... R2-1 ___ ___ ___ ___ ___ ------1 1 ... 68 R5-1A ___ ___ ___ ___ ___ ___ ___ ___ ___ ... 69 R2-1 1 ___ ___ ___ ___ ___ ___ ---1 ... R2-1 70 ------___ ---___ ___ ___ 1 1 п 71 J13-1 1 ------___ ___ ___ ---____ 1 н 72 R4-7 ------___ ___ ---------1 1 73 ... J13-1 ------1 1 ___ ___ ___ ___ ---74 н R5-1 ___ ___ ___ ___ ___ ___ ___ ___ ___ 75 R6-2L ____ ___ ------___ ---____ 1 1 76 CTH K NORTH OF STH 23 R1-1 ---___ ___ ___ ___ ___ ___ 1 1 77 R6-3 ---------___ ---------------78 J13-1 ---___ ___ ___ ---___ ___ 1 1 79 CTH K SOUTH OF STH 23 R1-1 ------------------___ 1 1 80 R6-3 ___ ---____ ------___ ___ ---___ 81 J13-1 1 ___ ___ ---___ ___ ___ ___ 1 82 STH 23 EAST OF CTH K R6-2L ___ ___ ___ ___ _ _ _ _ ___ ___ 1 1 83 R4-7 ___ ------___ ___ ---____ 1 1 ... 84 J13-1 ___ ___ ___ ___ ___ ___ ---1 1 ш 85 R5-1 ------___ ---___ ---___ 1 1 ... 86 J13-1 ---------___ ---------------87 ... R5-1A 1 1 ___ ___ ___ ___ ___ ___ ___ ... 88 D2-3 2 ___ ___ ------____ ___ ___ 1 89 н R5-1A ---___ ___ ___ ___ ___ ___ 1 1 90 н W2-1 ------___ ___ ____ ___ ---1 ---REMOVE FROM 91 W13-1 ---------___ ---------1 ---92 W2-1 ---------___ ---------1 ___ 93 W13-1 ___ ___ ___ ___ ___ ---___ 1 ---.... 94 I55-53 ___ ___ ___ ___ ___ ___ ___ 1 TAYC п 95 R6-2L ___ ___ ___ 1 ___ ___ ___ ___ 1 96 R3-4 ---___ ___ ___ ___ ___ ___ 1 1 ... 97 R5-1 ------___ ___ ___ ___ ___ 1 1 ... 98 R4-7 ---___ ___ ___ ___ ------1 1 123.25 0.00 PAGE SUBTOTALS 0 2 7 1 34 31 PROJECT TOTALS 561.59 8.00 2 12 24 9 34 31 HWY: STH 23 COUNTY: FON DU LAC MISCELLANEOUS QUANTITIES PROJECT NO: 1440-35-71 PLOT DATE : PLOT BY : PLOT NAME :

ERECTION & REMOVAL OF PERMANENT SIGNING, TYPE II

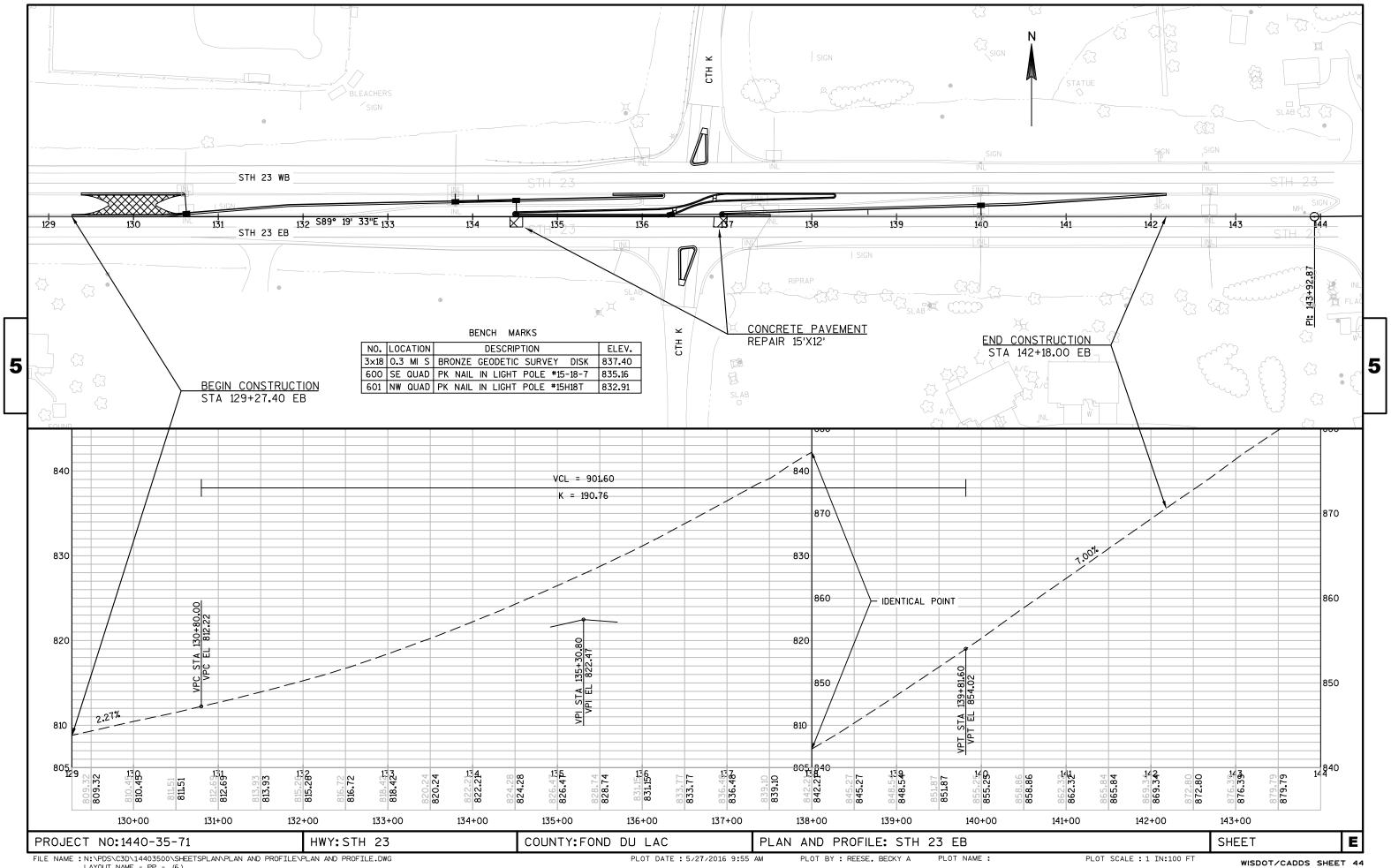
FILE NAME :

REMARKS
JCT К
SEE DETAIL SHEET EAST 23
MOUNT TO BACK OF SIGN 52
СТН К ЈСТ К
HEDAH CORRECTIONAL INSTITUTION
NCLUDED IN SIGN 67 REMOVAL
NCLUDED IN SIGN 73 REMOVAL
NCLUDED IN SIGN 76 REMOVAL
NCLUDED IN SIGN 79 REMOVAL
NCLUDED IN SIGN 85 REMOVAL
M POLE, POLE TO BE REMOVED BY REGION
n
HEDAH CORRECTIONAL INSTITUTION

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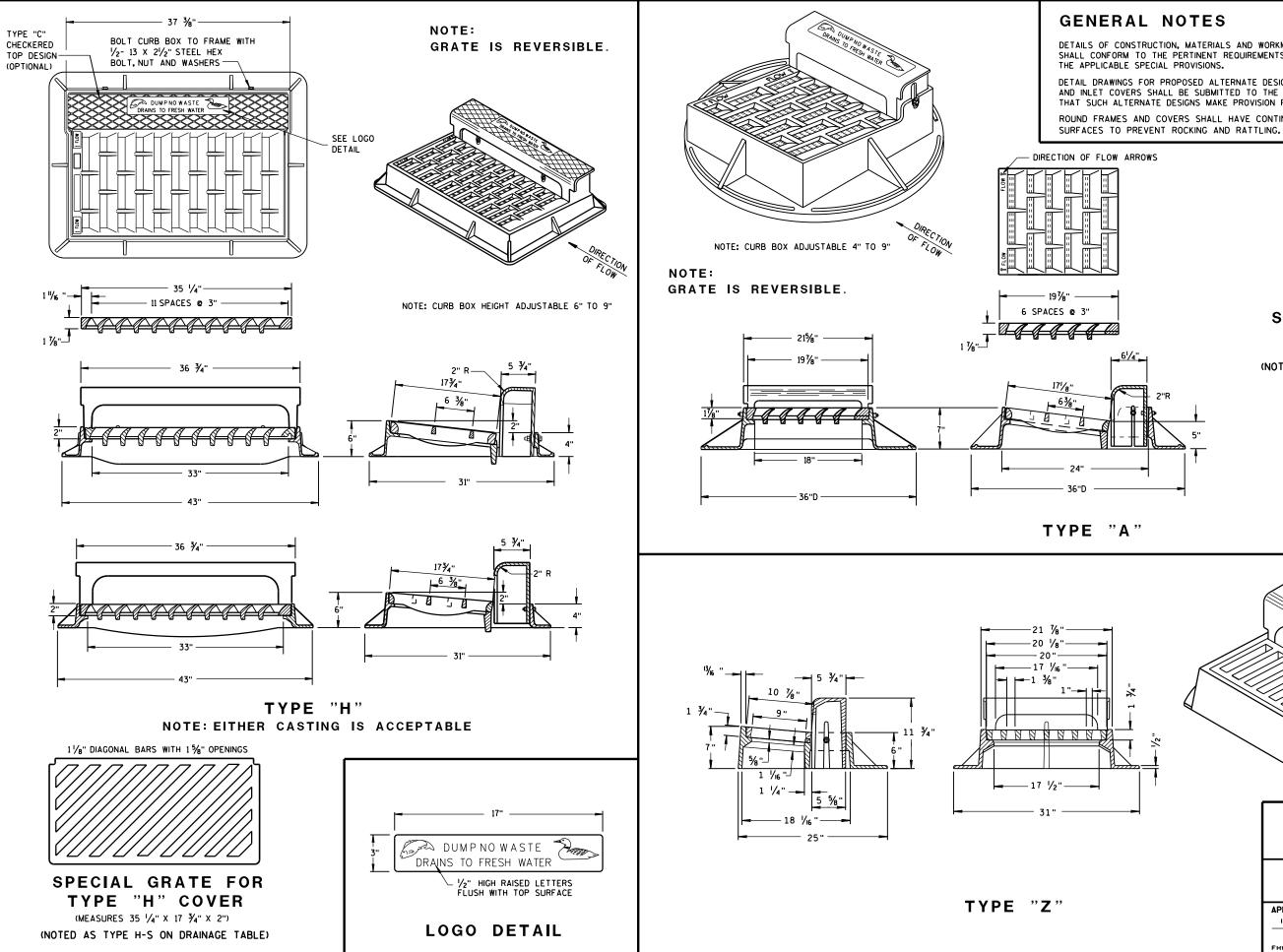
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Standard Detail Drawing List

08A05-19A INLET COVERS TYPE A, H, A-S, H-S & Z MANHOLES 3X3-FT, 4X4-FT, 5X5-FT AND 6X6-FT 08B10-01 INLETS 3-FT AND 4-FT DIAMETER INLETS 3-FT AND 4-FT DIAMETER INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES 08C06-01 08C07-01 08D01-18 08E10-02 INLET PROTECTION TYPE A, B, C AND D 08F04-07 JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL 11B02-02 CONCRETE MEDIAN NOSE 13C09-13A CONCRETE PAVEMENT REPAIR AND REPLACEMENT 13C09-13B 13C09-13C CONCRETE PAVEMENT REPAIR AND REPLACEMENT CONCRETE PAVEMENT REPAIR AND REPLACEMENT 15C03-03 BARRICADES AND SIGNS FOR SIDEROAD CLOSURES 15C04-03 TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M. P. H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC PAVEMENT MARKING (MAINLINE) PAVEMENT MARKING (INTERSECTIONS) PAVEMENT MARKING (LEFT TURN LANE) 15C08-16A 15C08-16B 15C08-16E 15C08-16F PAVEMENT MARKING (ISLANDS) 15D12-05A TRAFFIC CONTROL, LANE CLOSURE

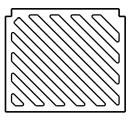


DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING

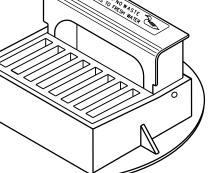
1" DIAGONAL BARS WITH 11/2" OPENINGS



SPECIAL GRATE FOR

TYPE "A" COVER (MEASURES 19 ⅔4" X 17" X 1 ⅔" (NOTED AS TYPE A-S ON DRAINAGE TABLE)

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INLET COVERS TYPE A, H, A-S, H-S & Z

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

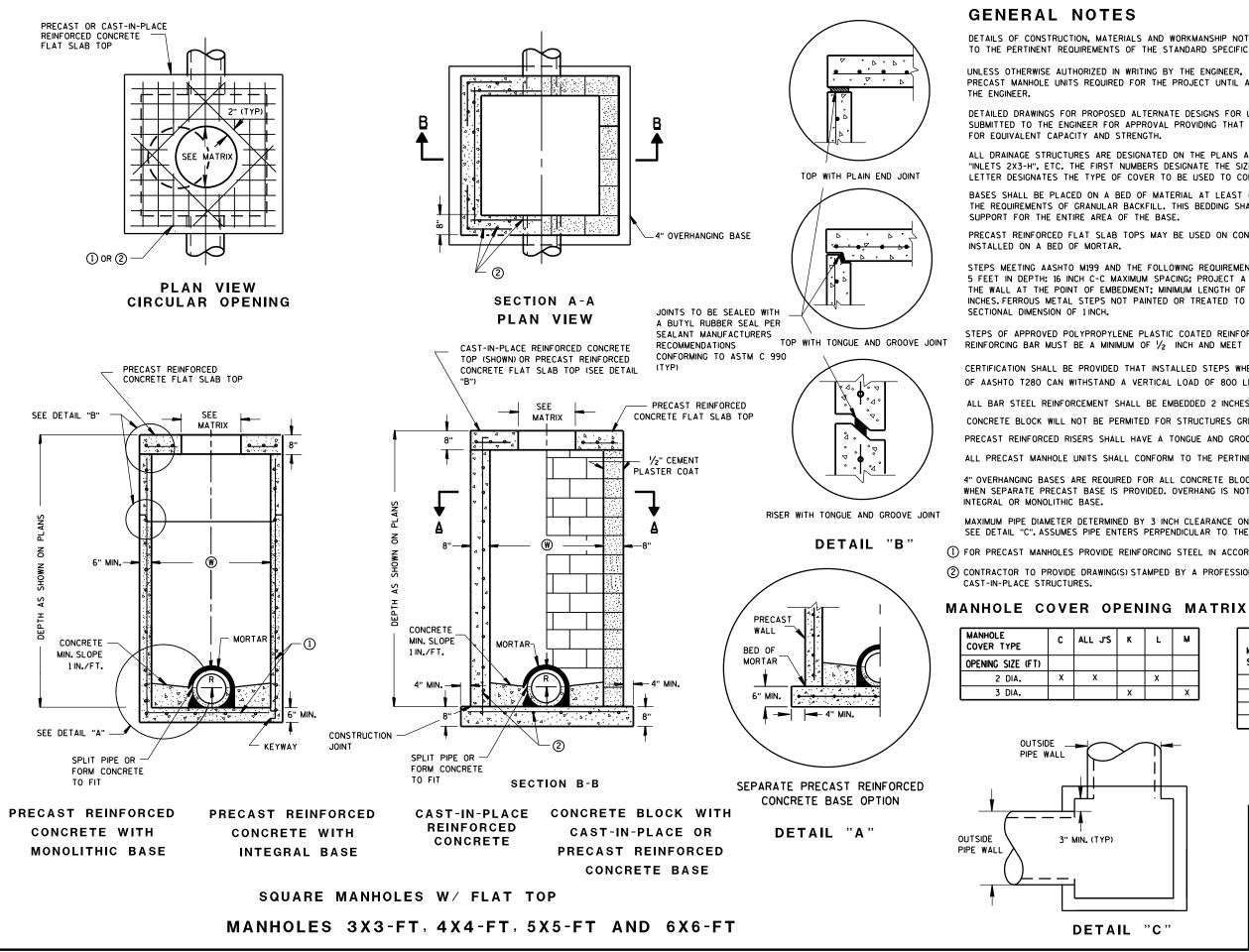
APPROVED 11-27-13 DATE

FHWA

/S/ Jerry H.Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM

PRECAST REINFORCED FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES. THE TOPS SHALL BE

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF 1/2 INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN WIDTH.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN

MAXIMUM PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "C". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR

PIPE MATRIX

К	L	м	MANHOLE	MAXIMUM INSIDE PIPE DIAMETER				
			SIZE	WIDTH (W) (IN)	LENGTH () (IN)			
	X		3X3-FT	24	24			
Х		Х	4X4-FT	30	30			
			5X5-FT	42	42			
			6X6-FT	54	54			
				MANHOLES 3X3 5X5-FT AND				
				STATE OF WIS EPARTMENT OF TRA				
IL			APPROV 6/5/2 DAT	012 /S/ Jerr	y H.Zogg			

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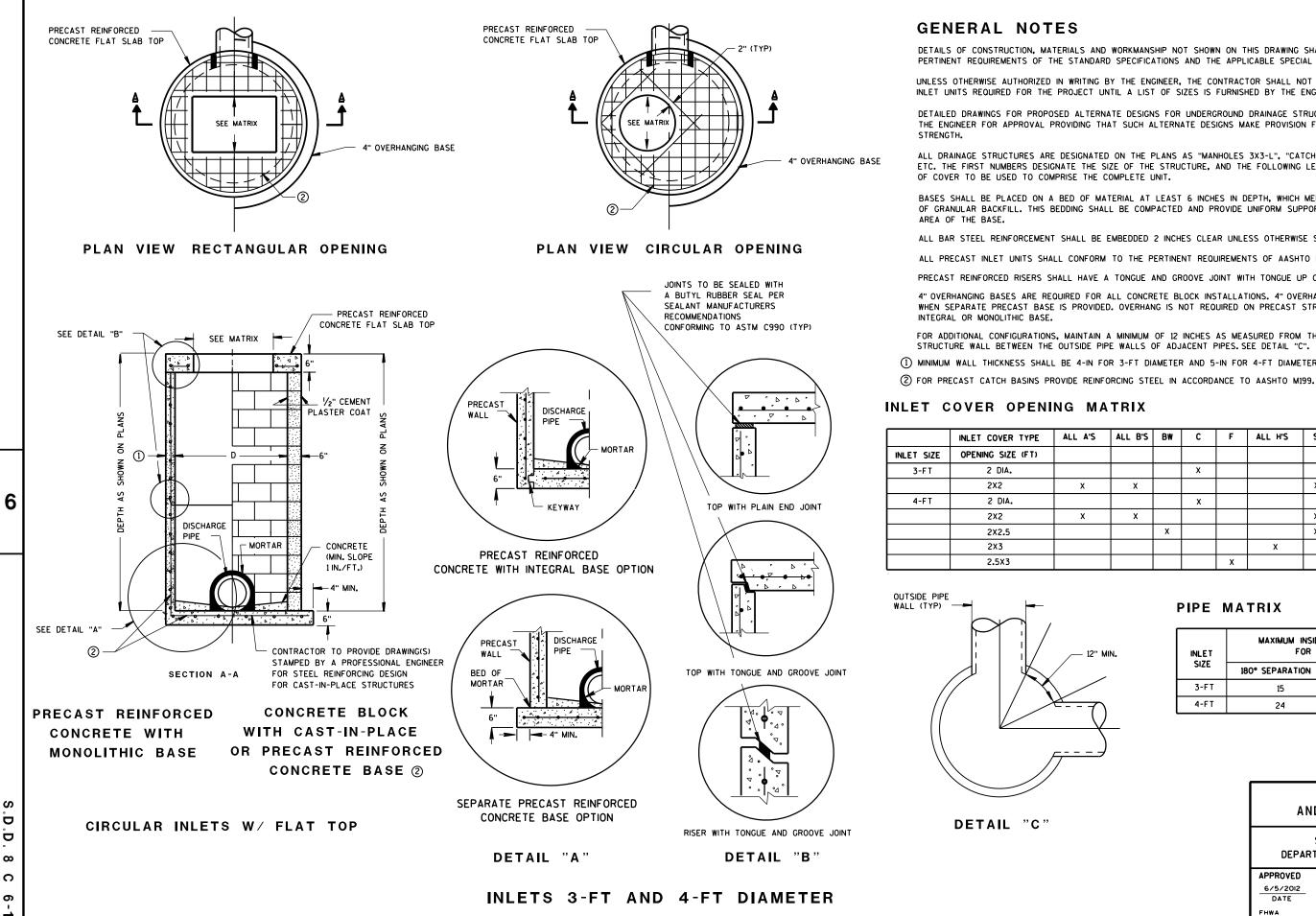
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DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE

(1) MINIMUM WALL THICKNESS SHALL BE 4-IN FOR 3-FT DIAMETER AND 5-IN FOR 4-FT DIAMETER PRECAST INLETS.

ALL B'S	B₩	С	F	ALL H'S	S	T	v	WM	Z
		x							x
x					x		x		
		x							х
x					x		x		
	х				x	x	x	x	
				x					
			x						

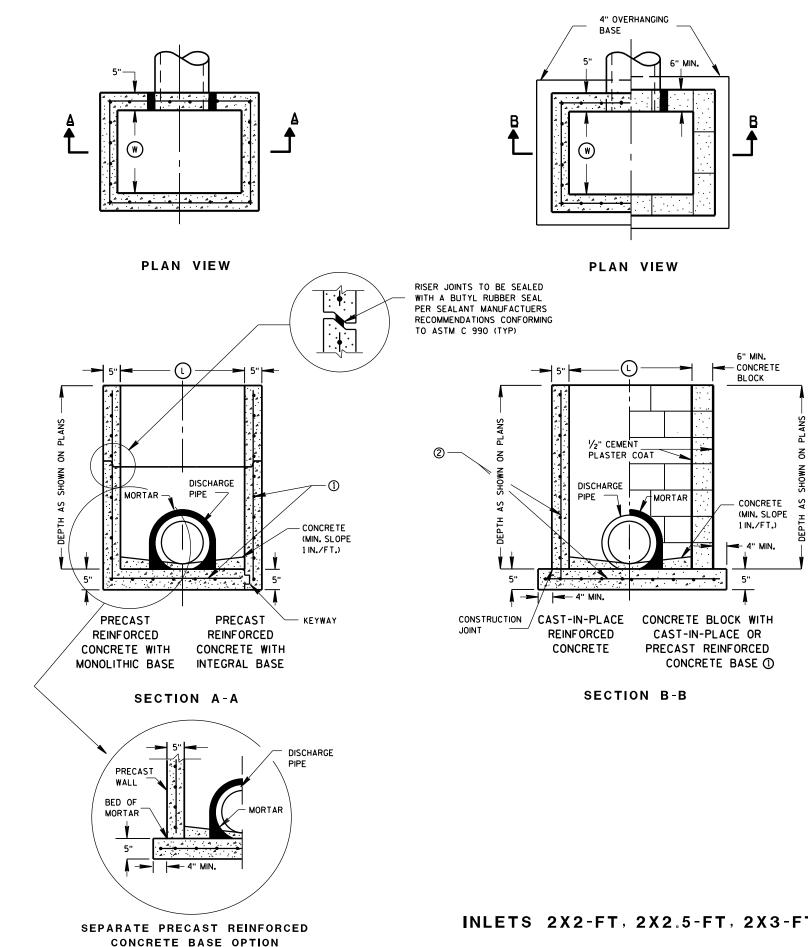
PIPE MATRIX

INLET	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES								
SIZE	180° SEPARATION (IN)	90° SEPARATION (IN)							
3-F T	15	12							
4-F T	24	18							

AN	INLETS 3-FT D 4-FT DIAMETER					
	STATE OF WISCONSIN TMENT OF TRANSPORTATION					
APPROVED						
6/5/2012	/S/ Jerry H.Zogg					
DATE	ROADWAY STANDARDS DEVELOPMEN					
FHWA	ENGINEER					

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GENERAL NOTES

ENGINEER.

EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL
	WIDTH (W) (FT)	LENGTH () (FT)		
2X2-FT	2	2	х	
2X2.5-FT	2	2.5		
2X3-FT	2	3		
2.5X3-FT	2.5	3		

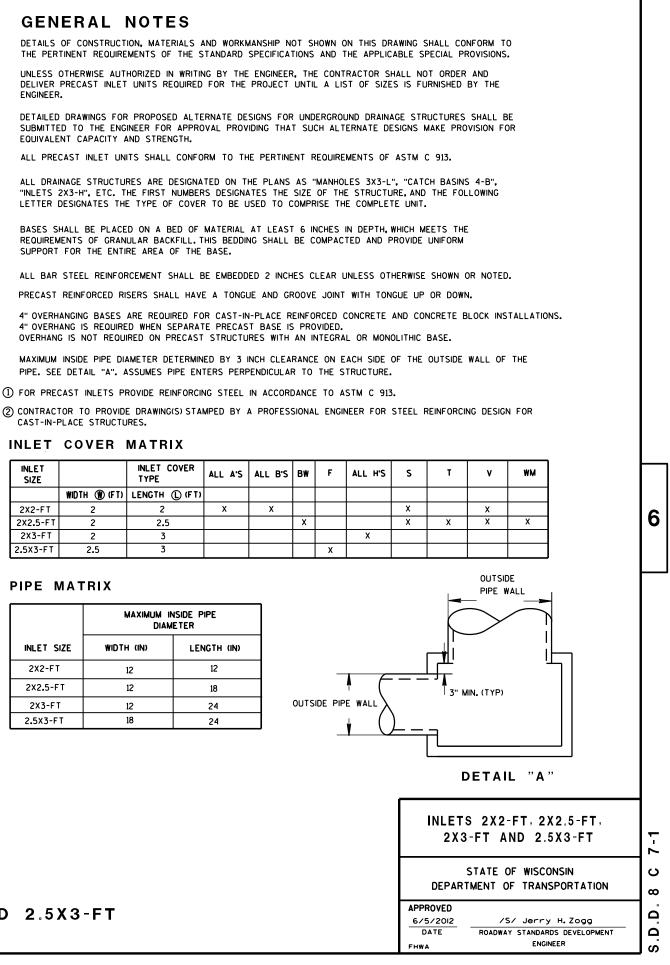
PIPE MATRIX

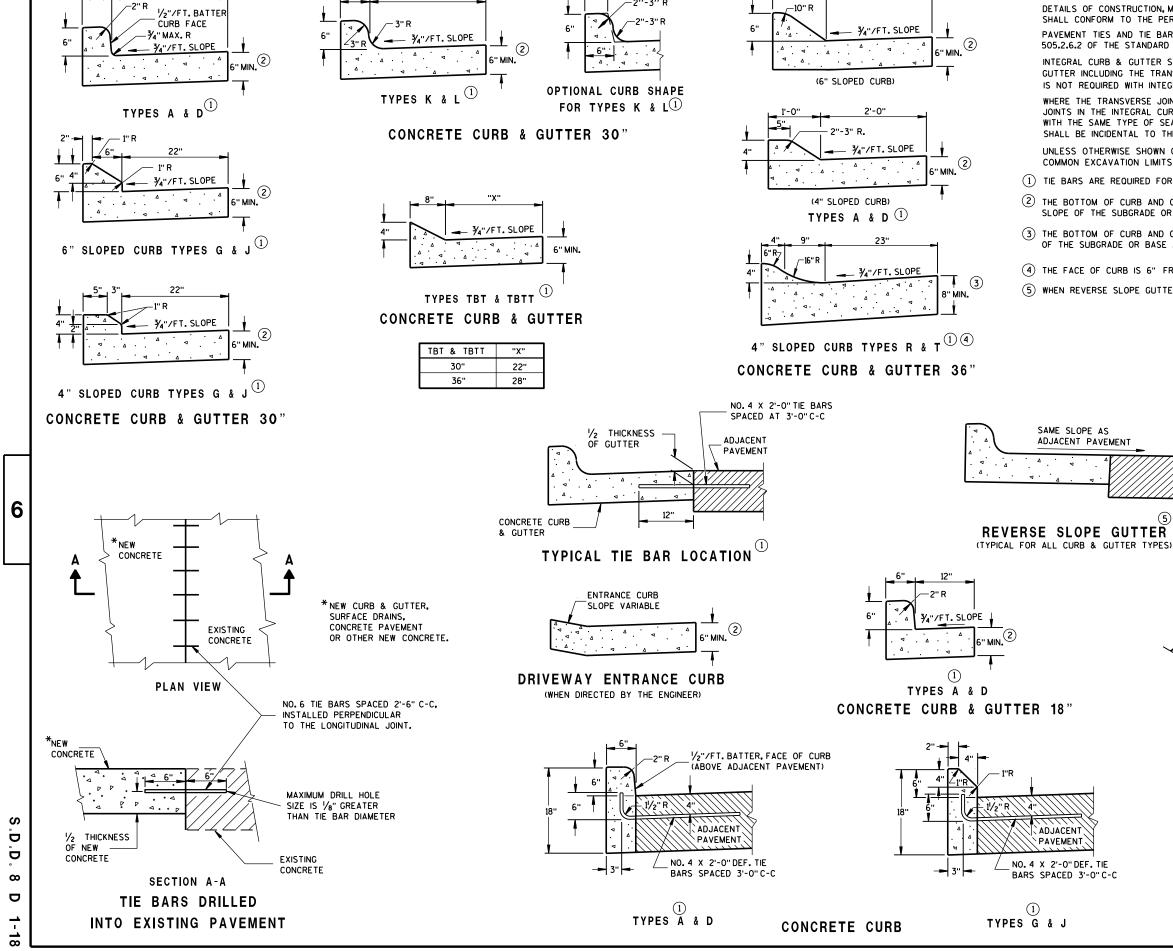
	MAXIMUM INSIDE PIPE DIAMETER					
INLET SIZE	WIDTH (IN)	LENGTH (IN)				
2X2-FT	12	12				
2X2.5-FT	12	18				
2X3-FT	12	24				
2 . 5X3-FT	18	24				

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INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT





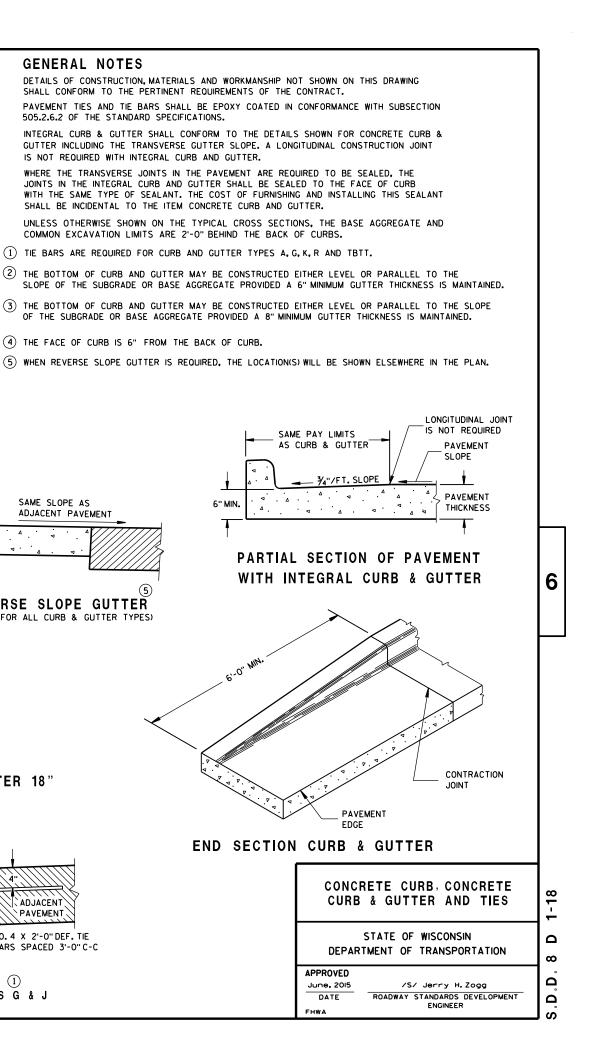
2'-0"

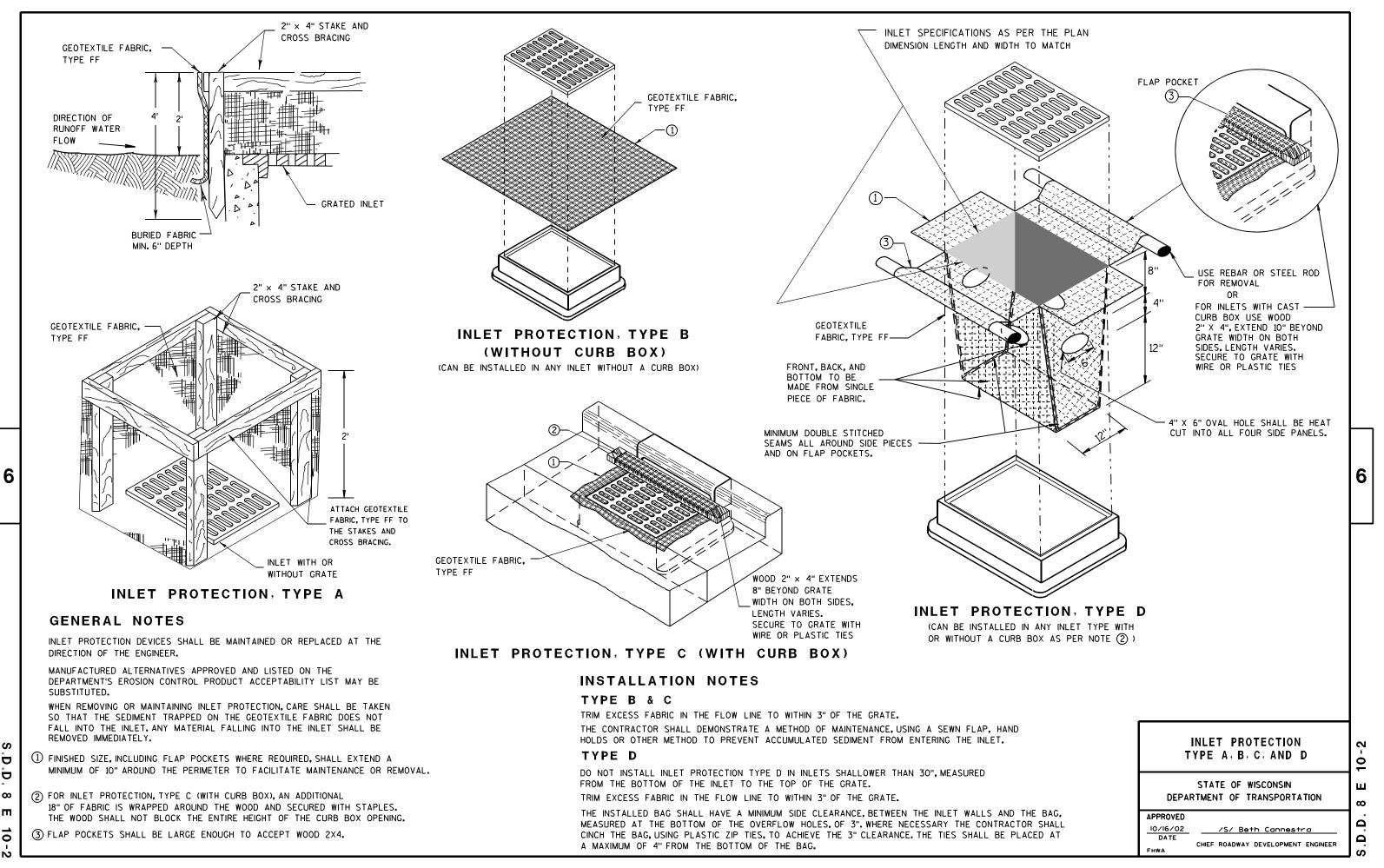
1'-0''

-2"-3"

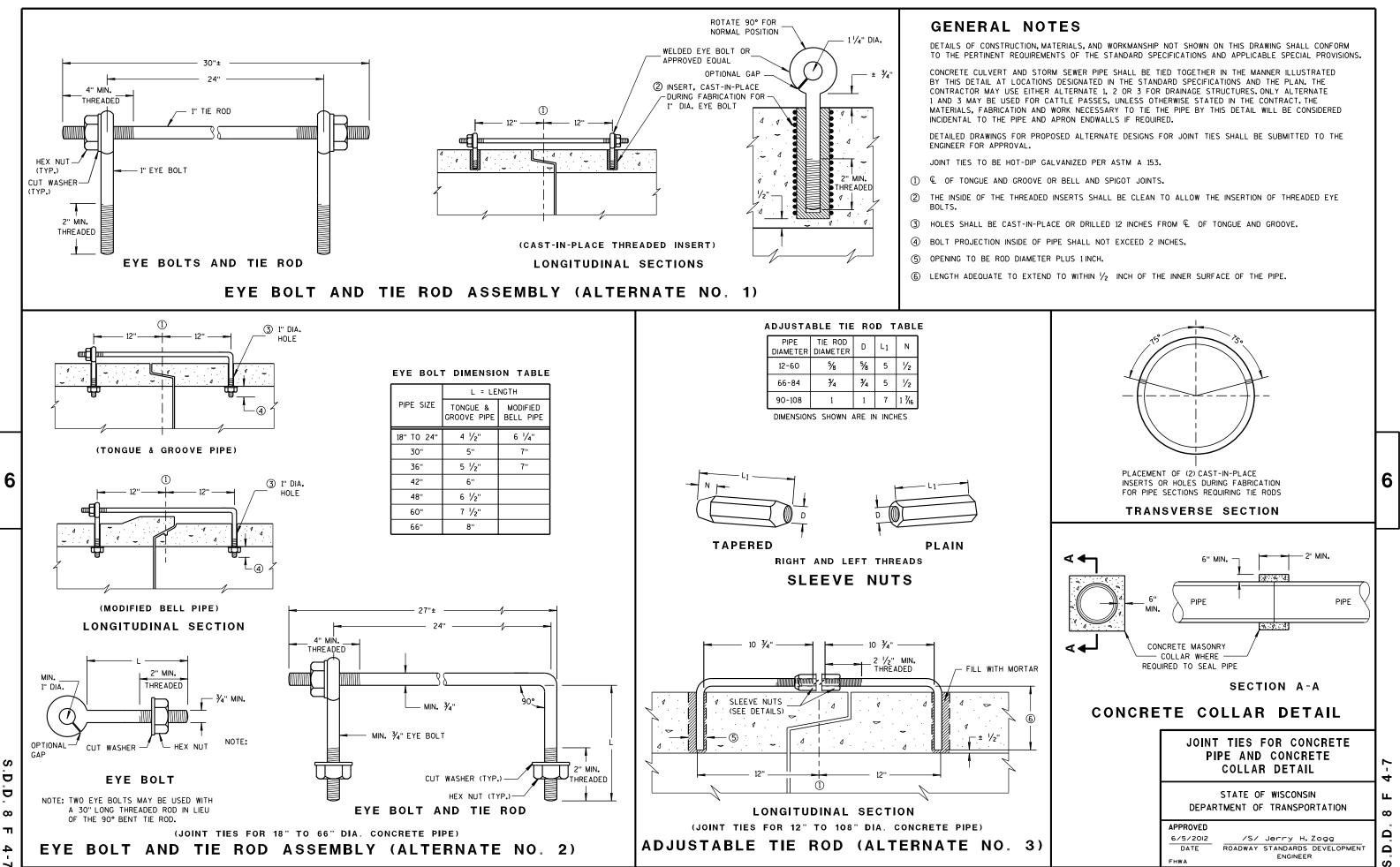
2'-0"

2'-0"

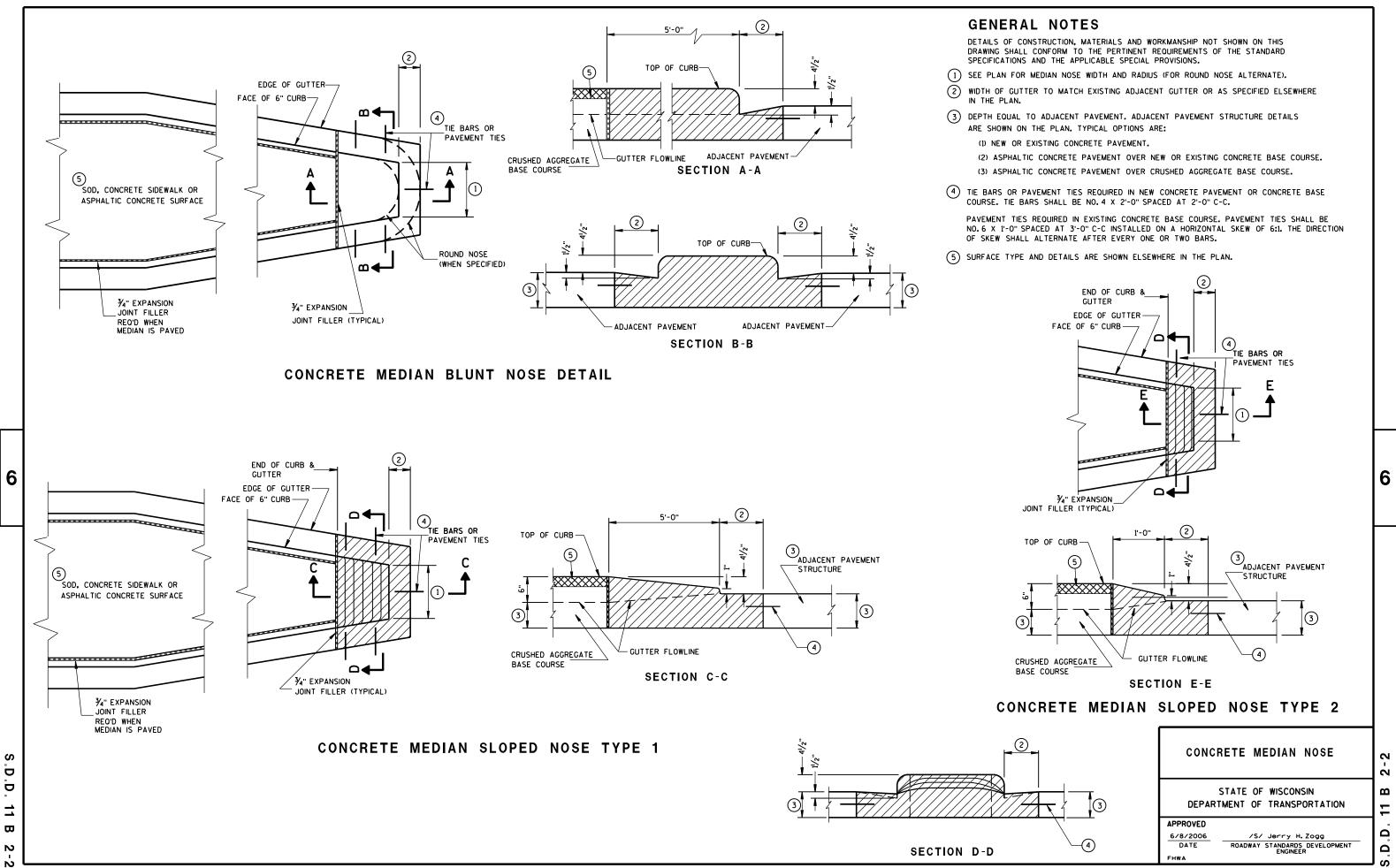




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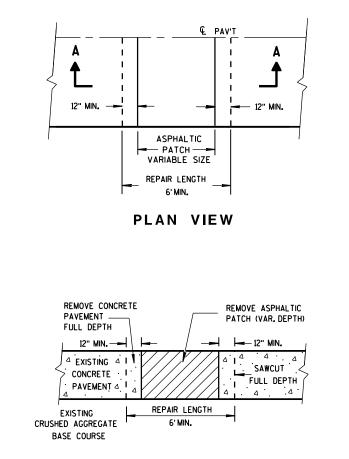
GENERAL NOTES

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

PROVIDE A 6-FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREAS TO ADJACENT TRANSVERSE JOINT OR CRACK IN THE SAME LANE.

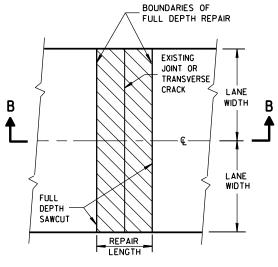
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NONDOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

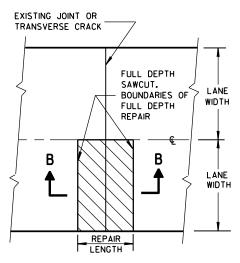
(1) DOWEL BARS MIGHT NOT EXIST.



SECTION A-A





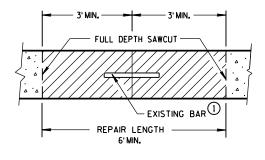


PLAN VIEW (DOUBLE LANE REPAIR)

PLAN VIEW (SINGLE LANE REPAIR)

FULL DEPTH CONCRETE PAVEMENT REMOVAL

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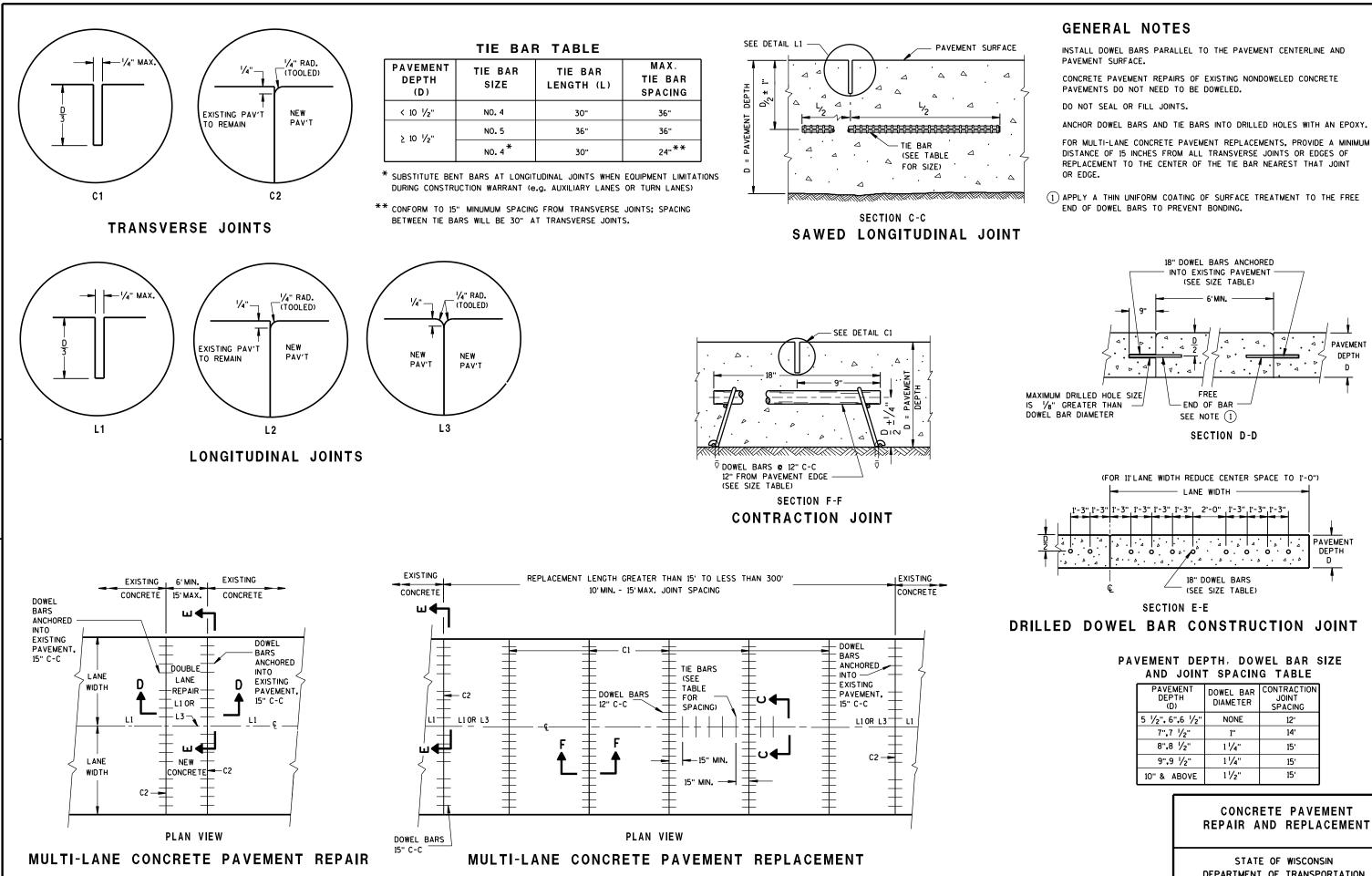


SECTION B-B CONCRETE REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 6

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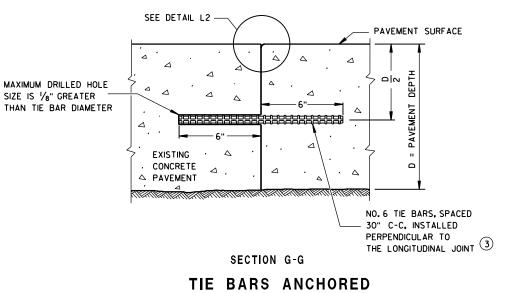
PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 1/2", 6",6 1/2"	NONE	12'
7" , 7 ¹ /2"	1"	14'
8" , 8 ¹ /2"	1 1/4"	15'
9",9 /2"	1 1⁄4"	15'
10" & ABOVE	1 1⁄2"	15'

DEPARTMENT OF TRANSPORTATION

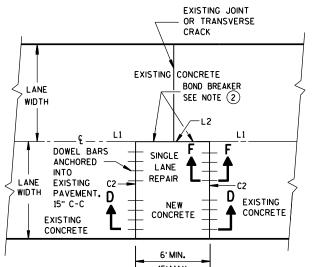
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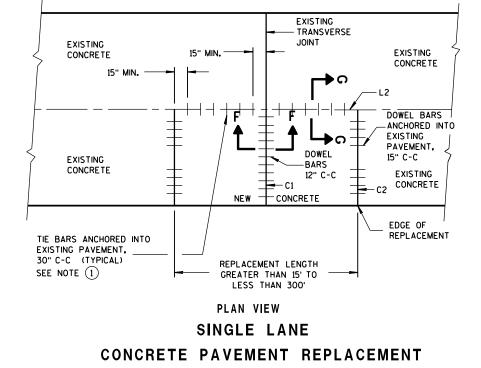
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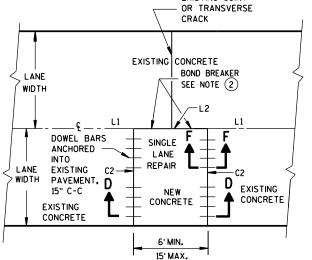
GENERAL NOTES



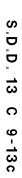












1) WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.

(2) USE AN ENGINEER-APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.

(3) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

6

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

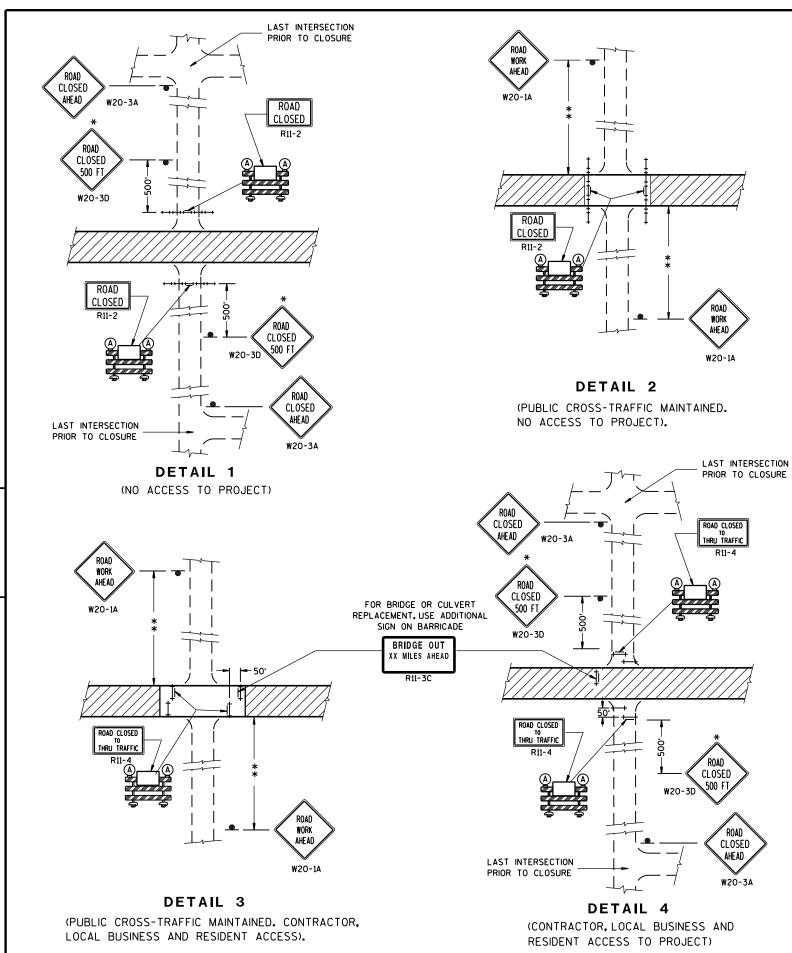
APPROVED

Sept., 2015 DATE

/S/ Peter Kemp, P.E. PAVEMENT SUPERVISOR

FHWA

9-13 S 13 Δ Δ S



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

RE-ESTABLISHED.

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 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 FT. OR LESS FROM THE WORK ZONE.

**500'MAX. OR AT LAST INTERSECTION WHICHEVER IS CLOSER.

LEGEND

SIGN ON PERMANENT SUPPORT

TYPE III BARRICADE

TYPE III BARRICADE WITH ATTACHED SIGN

(A) TYPE "A" WARNING LIGHT (FLASHING)

WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

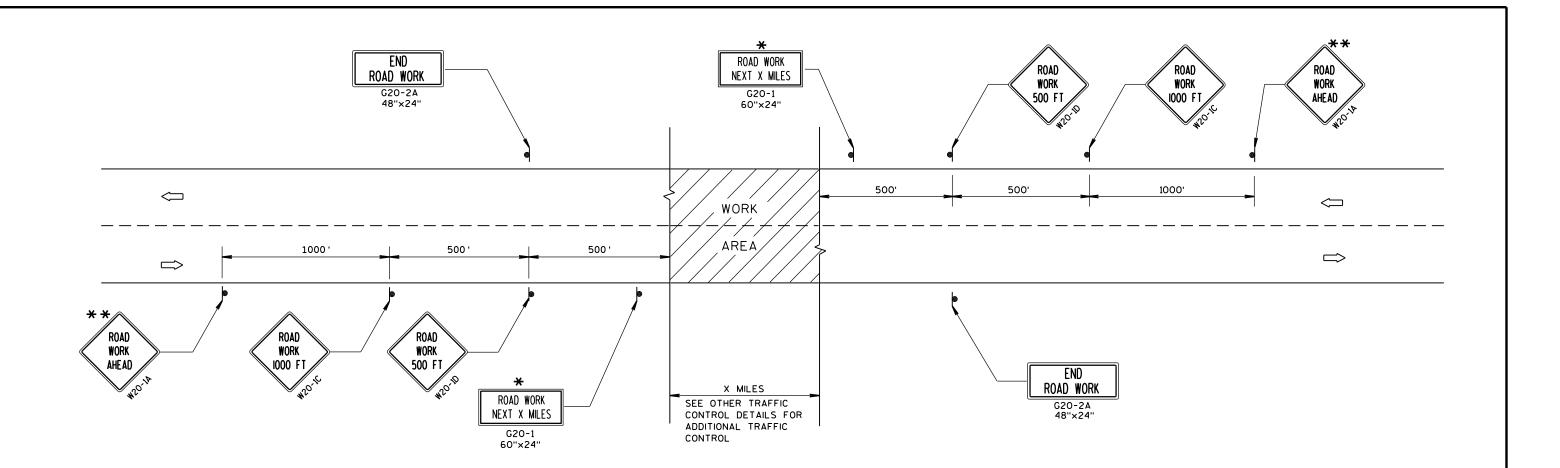
APPROVED Sept. 2015 DATE

FHWA

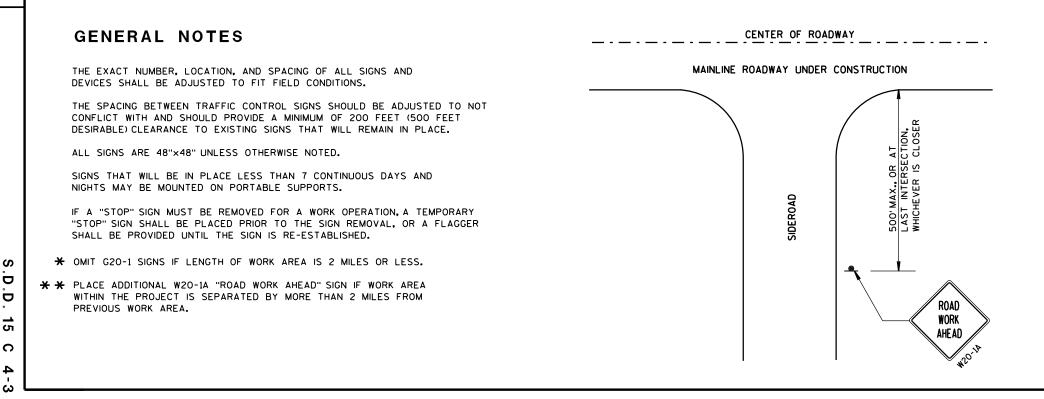
/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER 6

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TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL



6

LEGEND



SIGN ON PERMANENT SUPPORT



DIRECTION OF TRAFFIC



WORK AREA

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

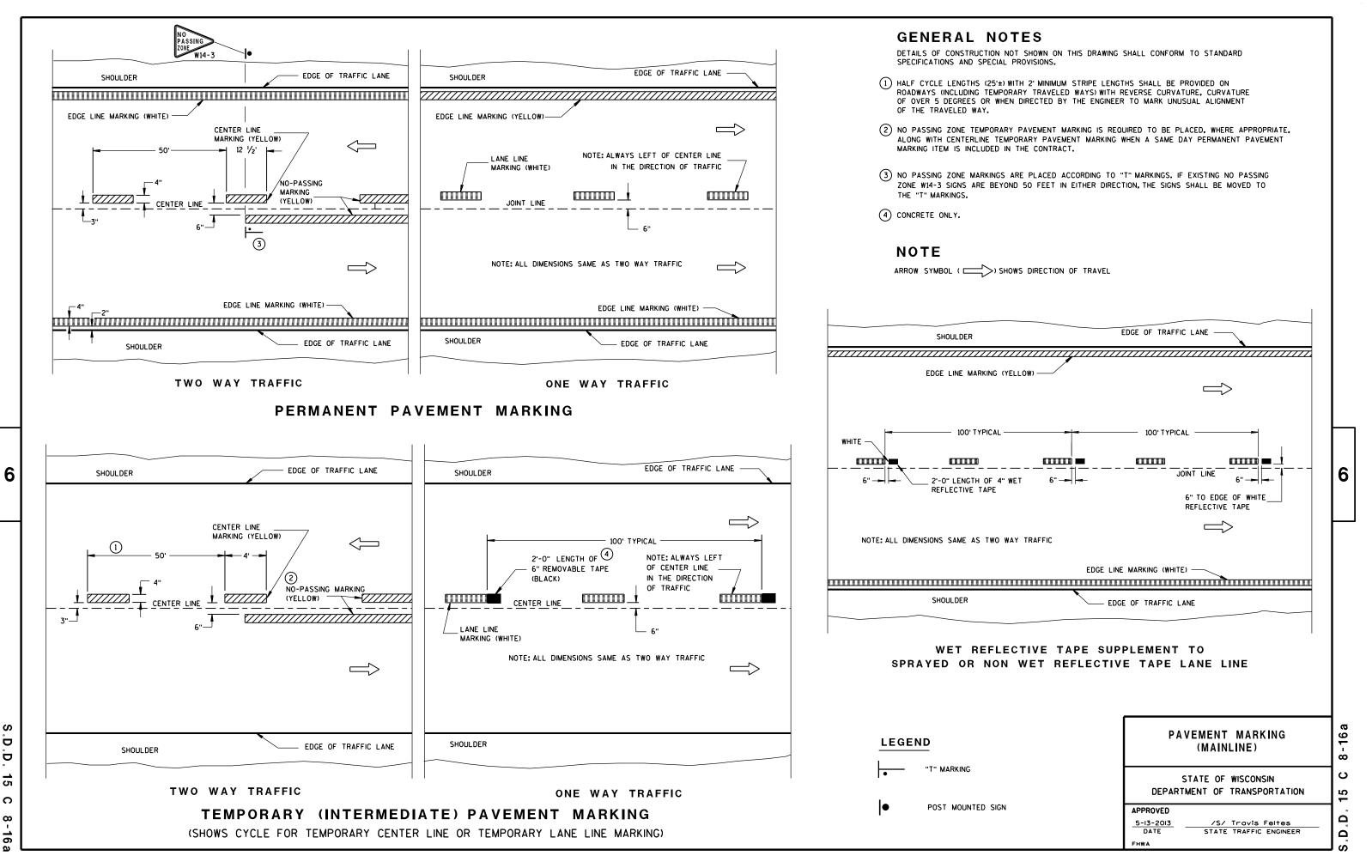
APPROVED DATE

FHWA

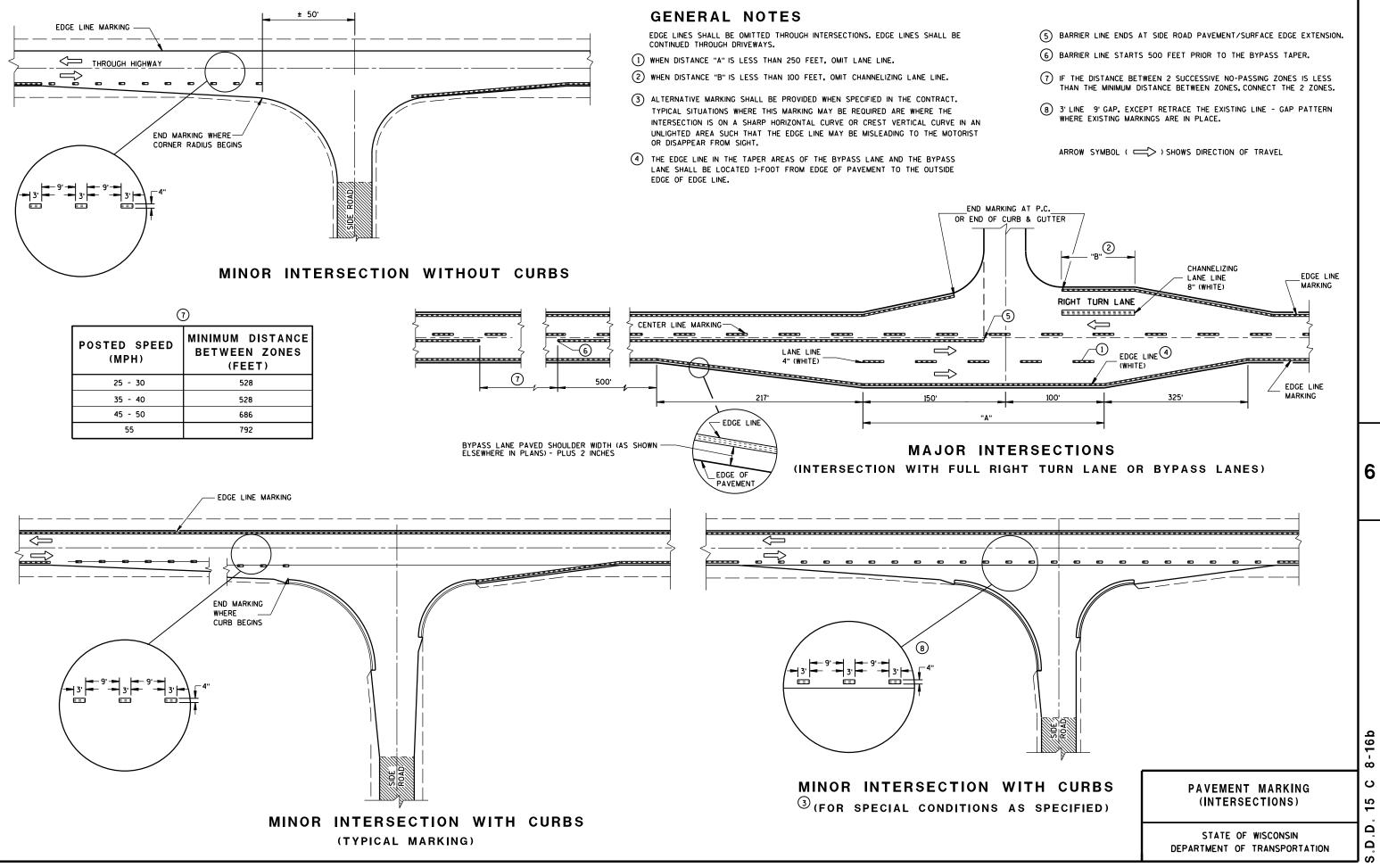
Sept. 2015 /S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

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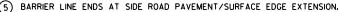


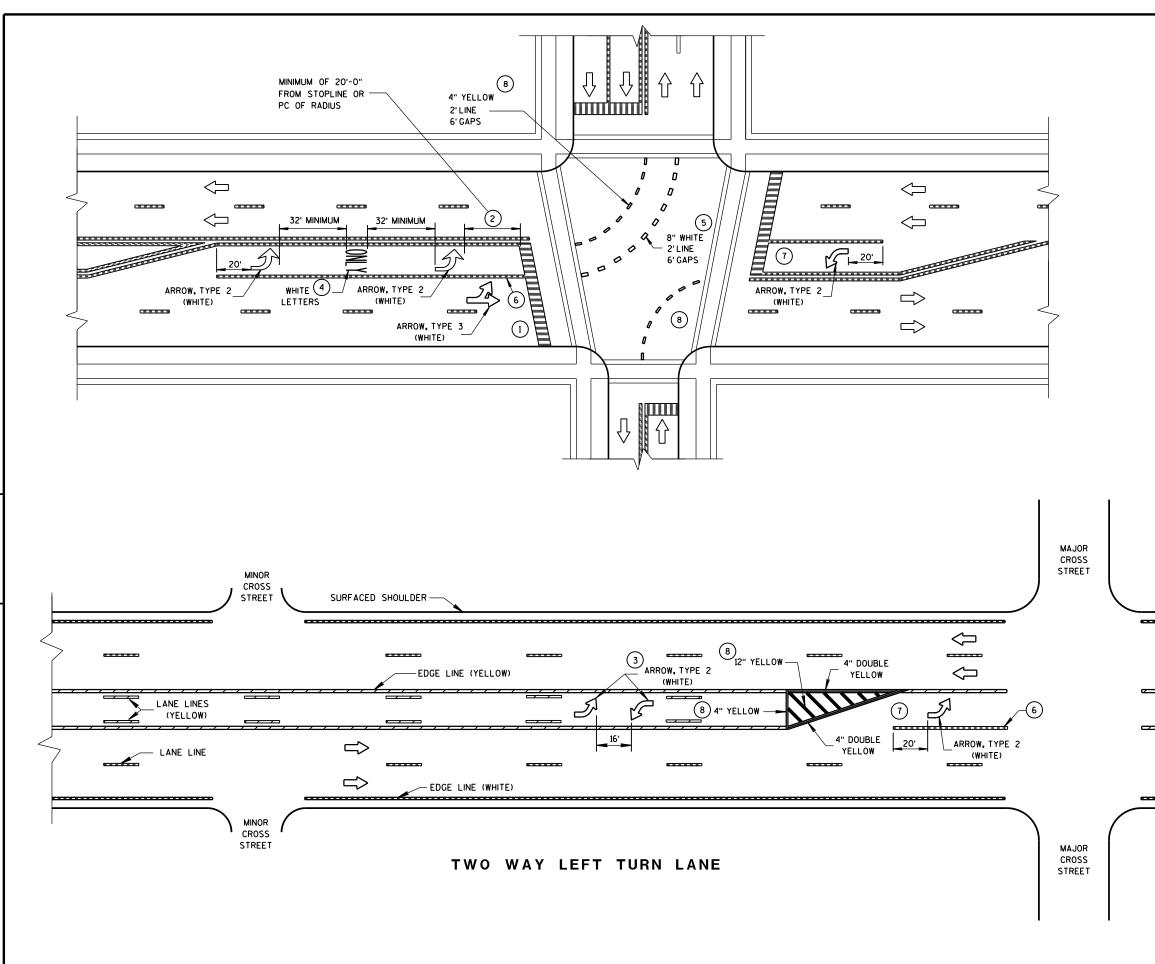
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GENERAL NOTES

- 1 STOP BAR IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
- (2) DISTANCE MAY BE ADJUSTED TO ACCOMODATE SHORT LEFT TURN LANES. AS APPROVED BY THE ENGINEER.
- (3) A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
- (4) ADD EXTRA SETS OF ONE ARROW AND ONE ONLY PER 160 FEET OR WHEN ON A CURVE.
- (5) 8" WHITE WITH 2' LINE 6' GAPS FOR DUAL TURN LANE.
- (6) 8" WHITE
- $\fbox{7}$ add second arrow when turn bay is greater than or equal to 108 feet.
- (8) REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.

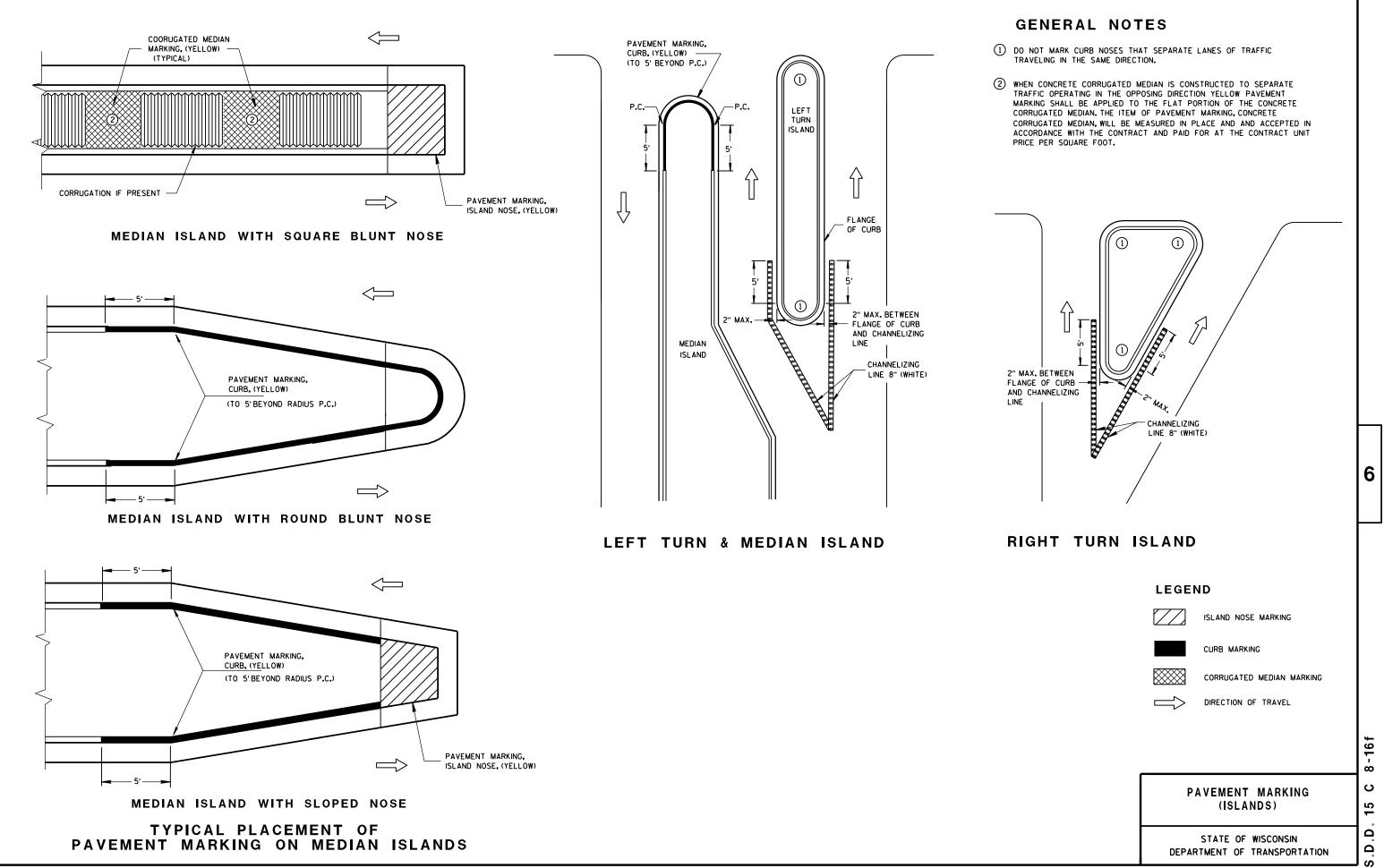
NOTE: ARROW SYMBOL (SHOWS DIRECTION OF TRAVEL

_____ ___ _____

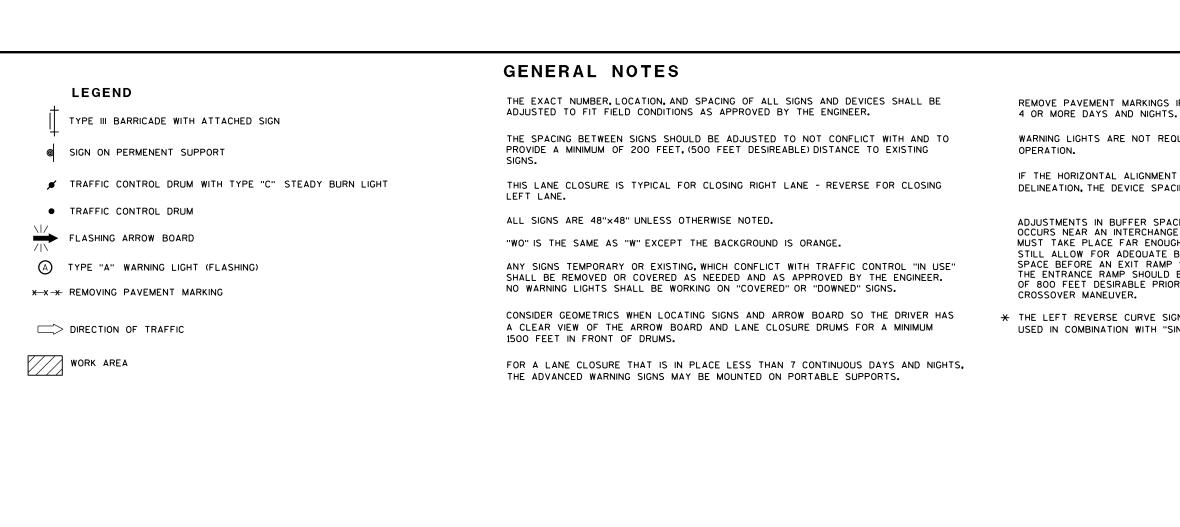
PAVEMENT MARKING (LEFT TURN LANE)

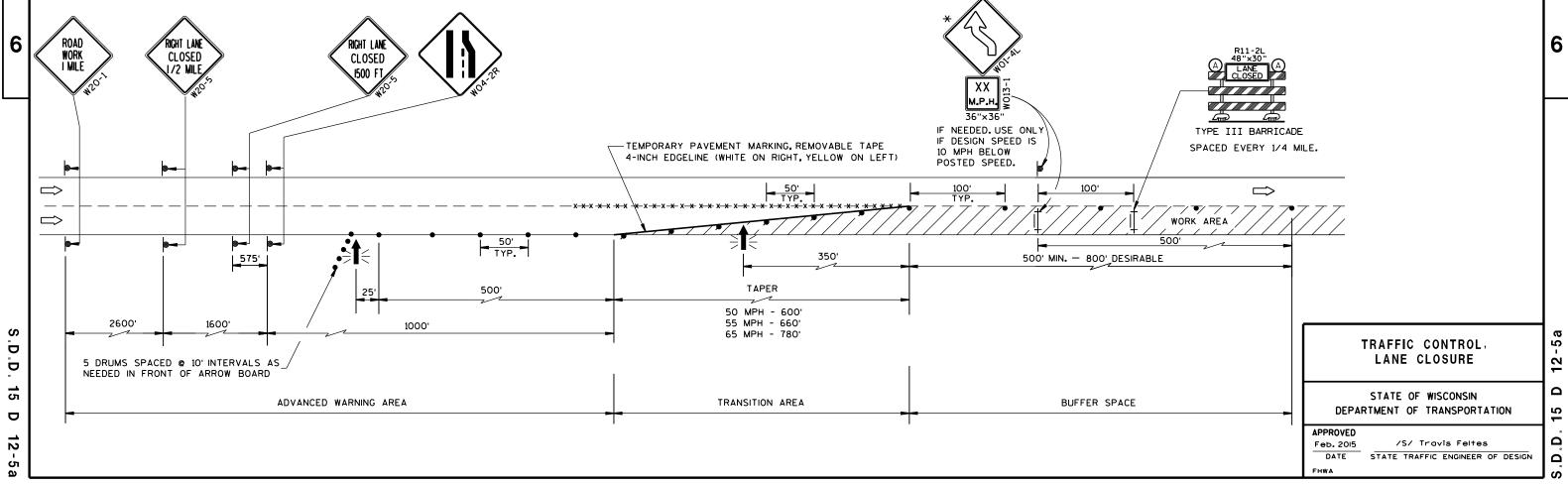
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

S.D.D. 15 C 8-16e



S D D 15 C 8-16f





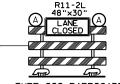
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN

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

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A

* THE LEFT REVERSE CURVE SIGN (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.



Ŵ 2*6*4*6*4*6* HWY K SOUTH SE 23 $\square(0)$ $\mathbb{W}\mathbb{Y}$ $|D\rangle$ 30 SE 15 S -19.125 + 17.125 + 5 + 5 + -19.125--26.5-4.125 * 5 × 8.875 × 5 × 17.125 × 5 × 9.375 × -31.875-6.875 5.75× 6.875 ->5.75 -15.5 - + 5 + 17.125-+5+1025+5+ -26.625 2.250" Radius, 0.625" Border, 0.500" Indent

S <u>+6+4+6+4+6+</u> HWY K NORTH 23S (C) $|D\rangle$ (\bigcirc) 9 USE Ġ -19 <u>+</u>17.125 <u>+</u>5 <u>+</u>5 <u>+</u> 26.75 -19-4.125 ←5→ 8.875 k-5→ -17.125—+5+9.375+ -31.875 6.875 6.875 →5.75 -26.625 -15.375-5.75

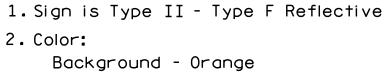
2.250" Radius, 0.625" Border, 0.500" Indent

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k 2 250" Padius	0 695		72		

2.250" Radius, 0.625" Border, 0.500" Indent

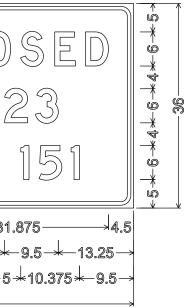
PROJECT NO: 1440-35-71	HWY:STH 23	COUNTY:FOND DU LAC	TEMPORARY SIGNING	į
FILE NAME : C:\CAEfiles\Projects\tr_d3\HwyK.dgn		PLOT DATE : 25-APR-2016 17	:47 PLOT BY : mscj9h	PLOT NAME :

NOTES

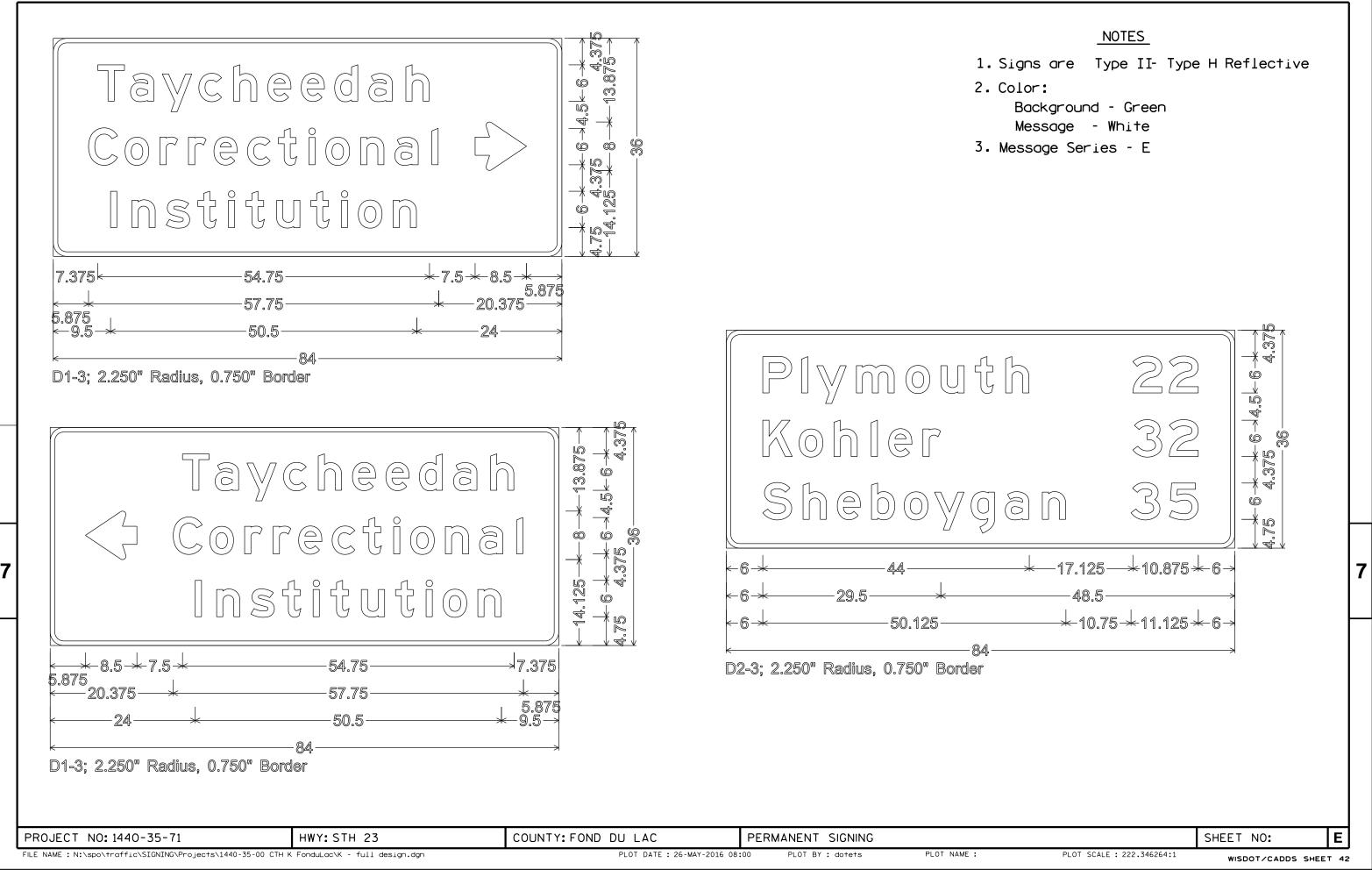


Message - Black

3. Message Series - D



	SHEET NO:	Е
PLOT SCALE : 16.893759:1.0000		r_⊿2



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TYPICAL ASSEMBLIES

END

North

65

<u>U.U</u>

J1-2

J2-2

EASI

INTERSTATE

WEST

INTERSTATE





J2-1

J3-1

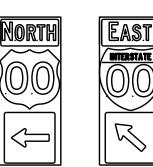
J4-1

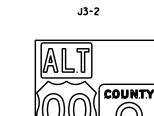
FRONTAGE

ROAD

 \neg

J12-1





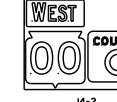
TO

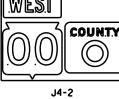
Easi

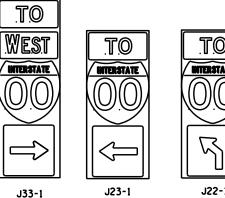
INTERSTATE

J32-1

J4-2









END

COUNTY

EAST

WES

<u>. J. L.</u>

J1-3

North

J2-3

South

J3-3

<u>v</u>.

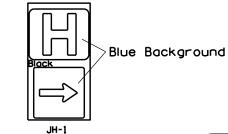
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INTERSTATI

EAST

INTERSTATE

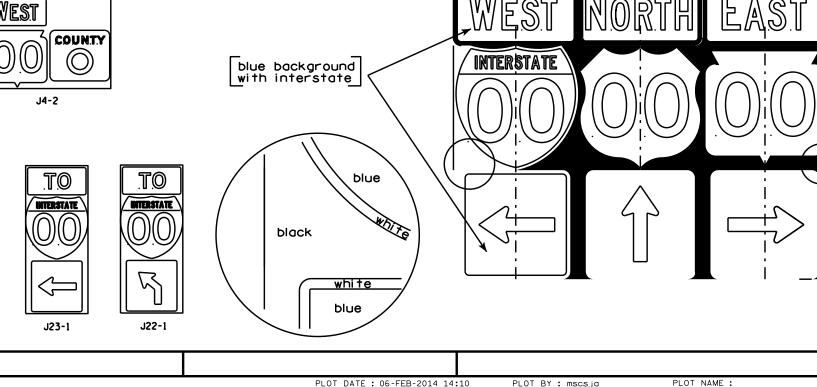
(Typical Vertical J-Assembly See Note 10 and 11)



NOTES

2. Color:

- Background Black Non-reflective Message - see Note 5
- 3. Message Series See Note 5
- material is metal the corners shall be rounded.
- marker shall be blue.
- use multiple piece component.
- the joint shall be between route shields.
- shall be between route shields.
- 10. All Vertical J Assemblies are given a Sign Code of JV



FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A21S.DGN

COUNTY

 $\overline{}$

J13-1

PROJECT NO:

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

4. Corners shall be square or rounded if base material is plywood. If base

5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.

6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate

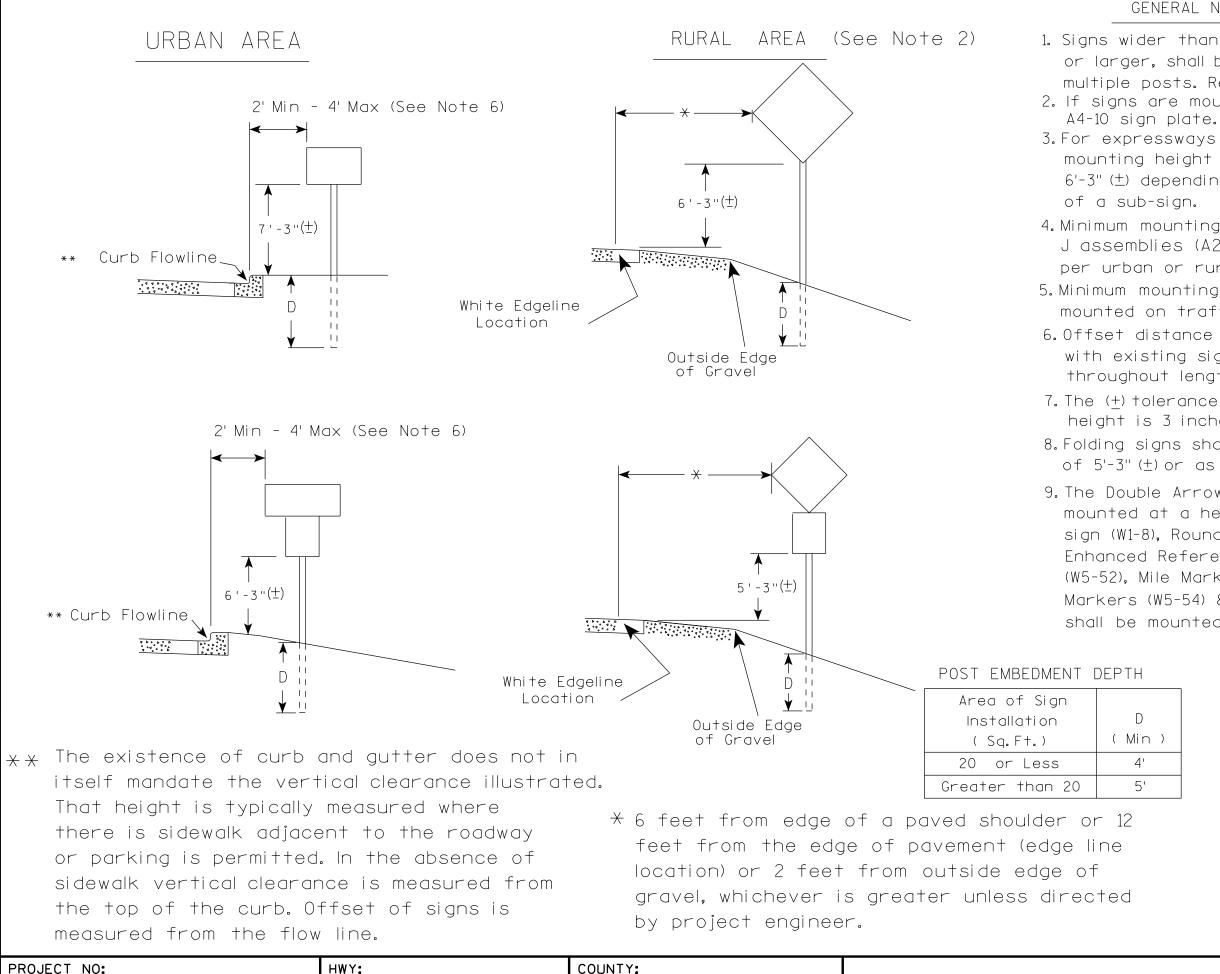
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size

8. Route assemblies that have 24 inch route shields and have dimensions areater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and

9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint

11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

		L
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	white	ŀ
- -	black background	
∺>	ROUTE MARKERS & COMPONENTS	
	IN TYPICAL ASSEMBLIES	
	WISCONSIN DEPT OF TRANSPORTATION	
	APPROVED Matther & Rauch For state Traffic Engineer	
	DATE 2/06/14 PLATE NO. 42-15.8	
	SHEET NO: E	
		_



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

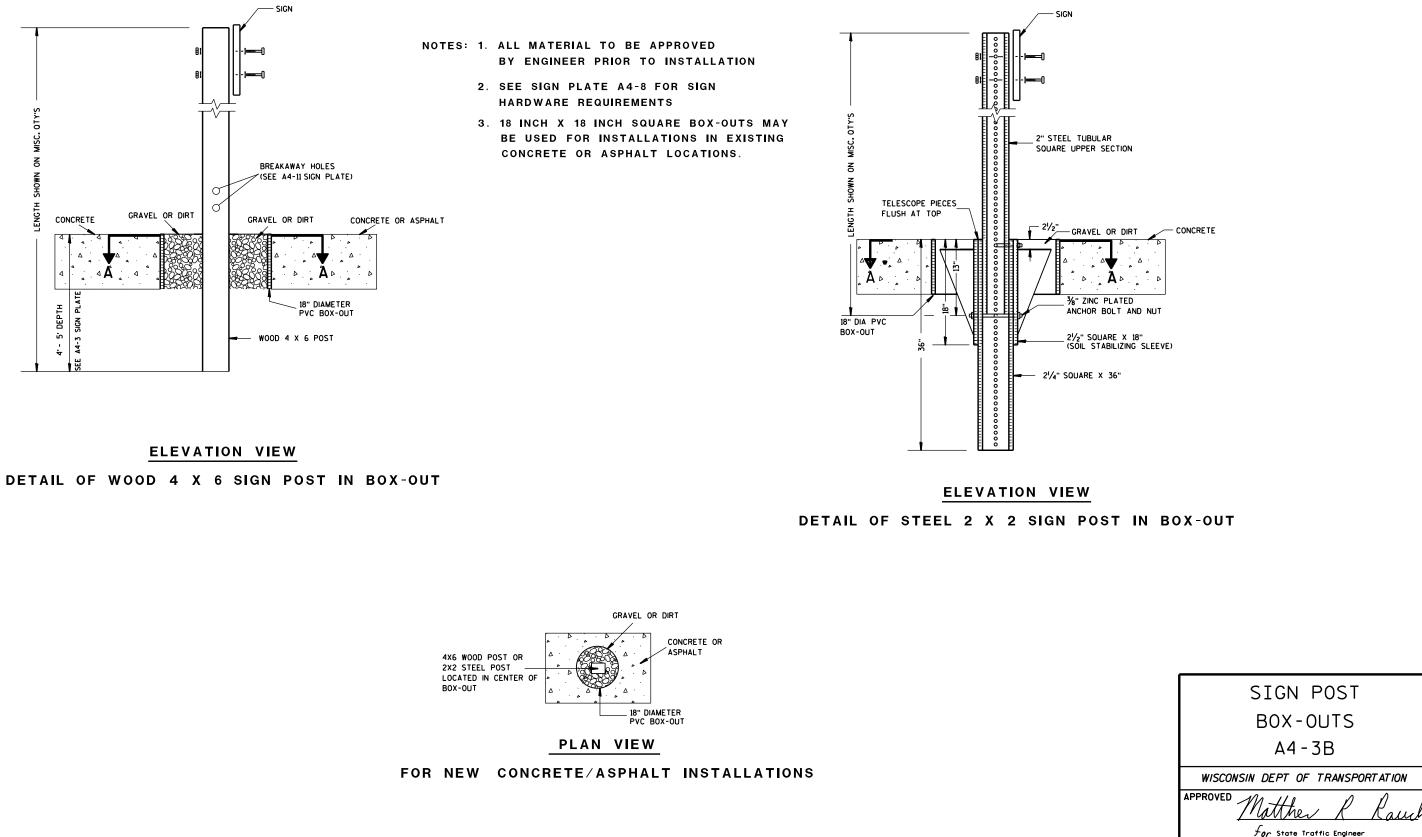
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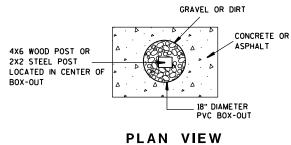
PLOT DATE : 23-JUL-2015 15:21 PLOT NAME : PLOT BY : mscj9h

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4. 2. If signs are mounted on barrier wall, see 3. For expressways and freeways, mounting height is 7'- 3" (\pm) or $6'-3''(\pm)$ depending upon existence 4. Minimum mounting height for J assemblies (A2-1S) is $7'-3''(\pm)$ or $6'-3''(\pm)$ per urban or rural detail respectively. 5. Minimum mounting height for signs mounted on traffic signal poles is 5' - 3'' (±). 6. Offset distance shall be consistent with existing signs or consistent throughout length of project. 7. The (+) tolerance for mounting height is 3 inches. 8. Folding signs shall be mounted at a height of 5'-3" (\pm) or as directd by the Engineer. 9. The Double Arrow sign (W12-1) 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 $4'-3''(\pm)$.

))	
	TYPICAL INSTALLATION
	OF PERMANENT TYPE II
	SIGNS ON SINGLE POSTS
	WISCONSIN DEPT OF TRANSPORTATION
	APPROVED Matther & Rauch For state Traffic Engineer
	DATE _7/23/15 PLATE NO44-3.20_
	SHEET NO: E
PLO	DT SCALE : 99.237937:1.000000 WISDOT/CADDS SHEET 42





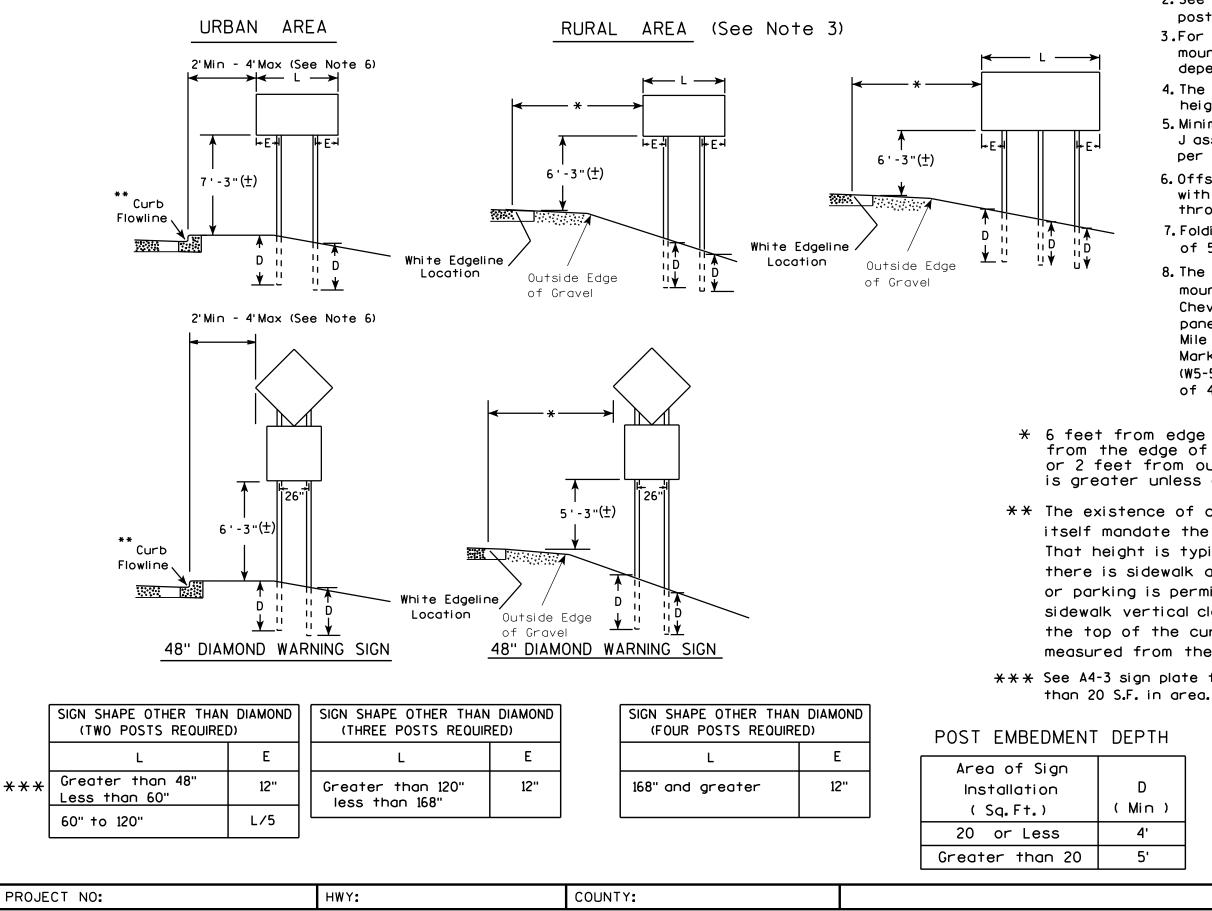
PROJECT NO:	HWY:	COUNTY:				
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN			PLOT DATE : 27-JAN-2014 09:4	8	PLOT BY : mscsja	PLOT NAME :

DATE <u>1/27/14</u>

SHEET NO:

PLATE NO. <u>A4-3B.1</u>

Ε



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

PLOT BY : mscj9h PLOT NAME :

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. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
- 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 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.

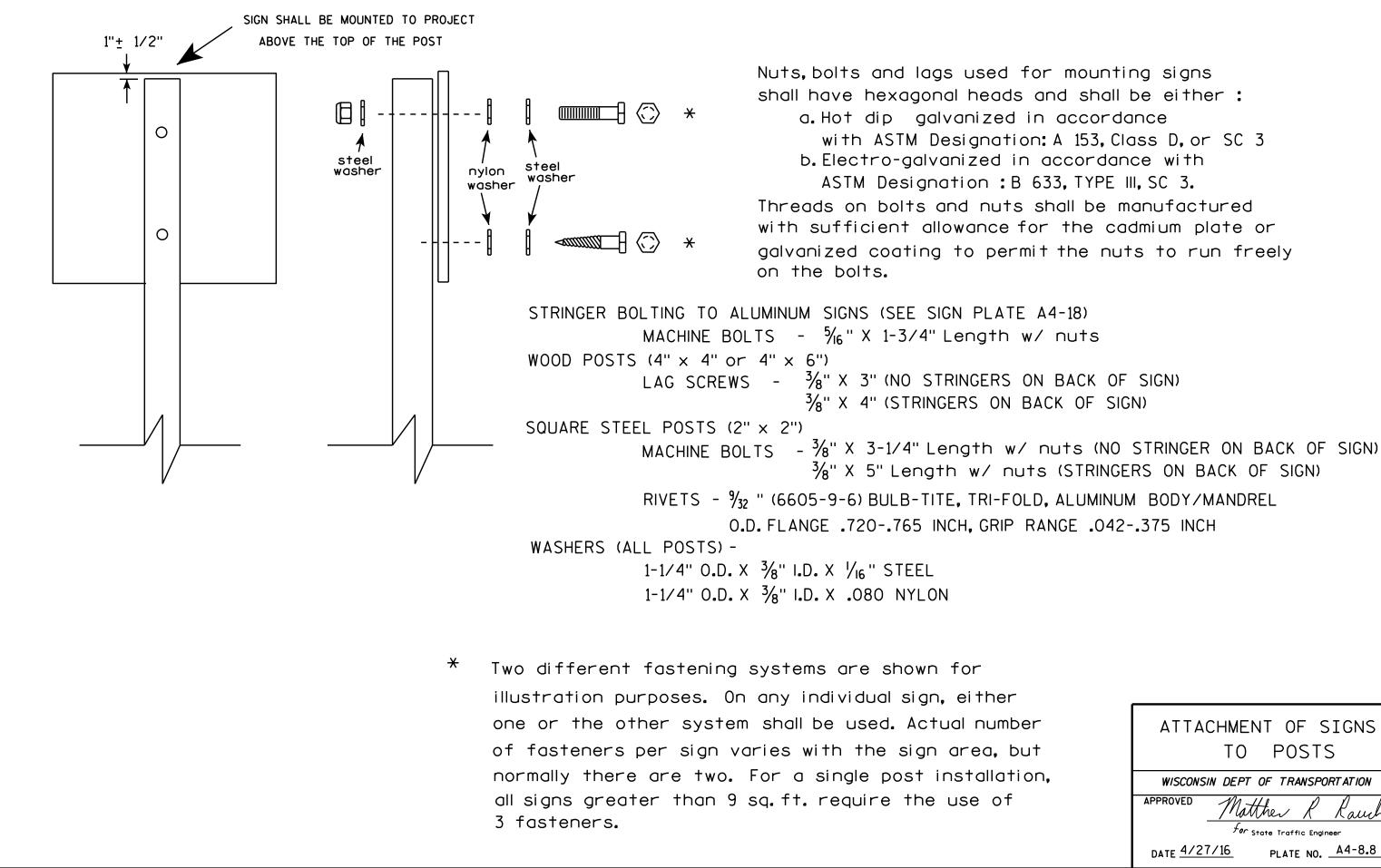
** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

7

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

ТН	TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS	
n)	WISCONSIN DEPT OF TRANSPORTATION	
I	APPROVED Matthew R Rauch	
ı	for State Traffic Engineer	
	DATE 7/23/15 PLATE NO. 44-4.14	
	SHEET NO:	E

PLOT DATE : 23-JUL-2015 15:23



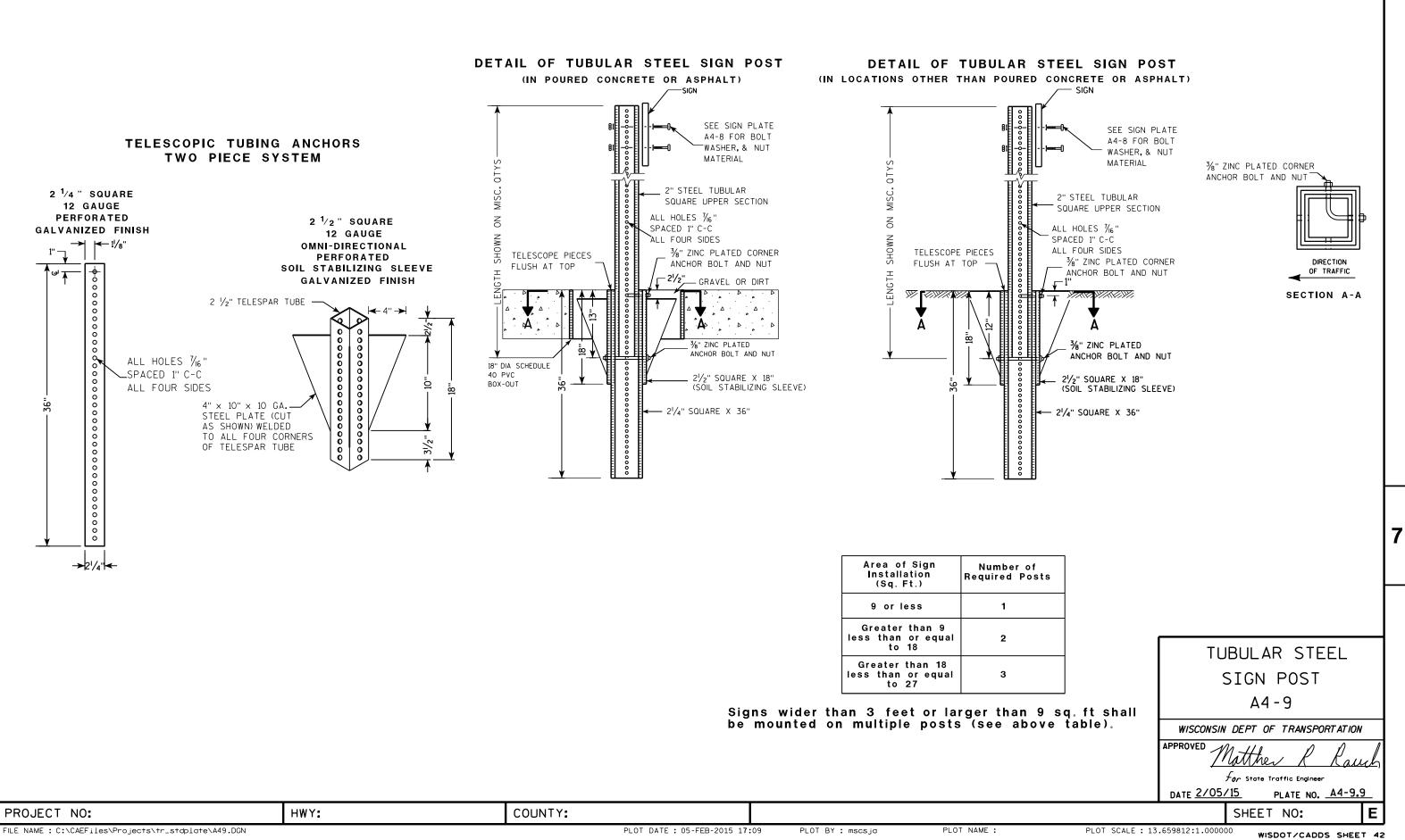
PROJECT NO:

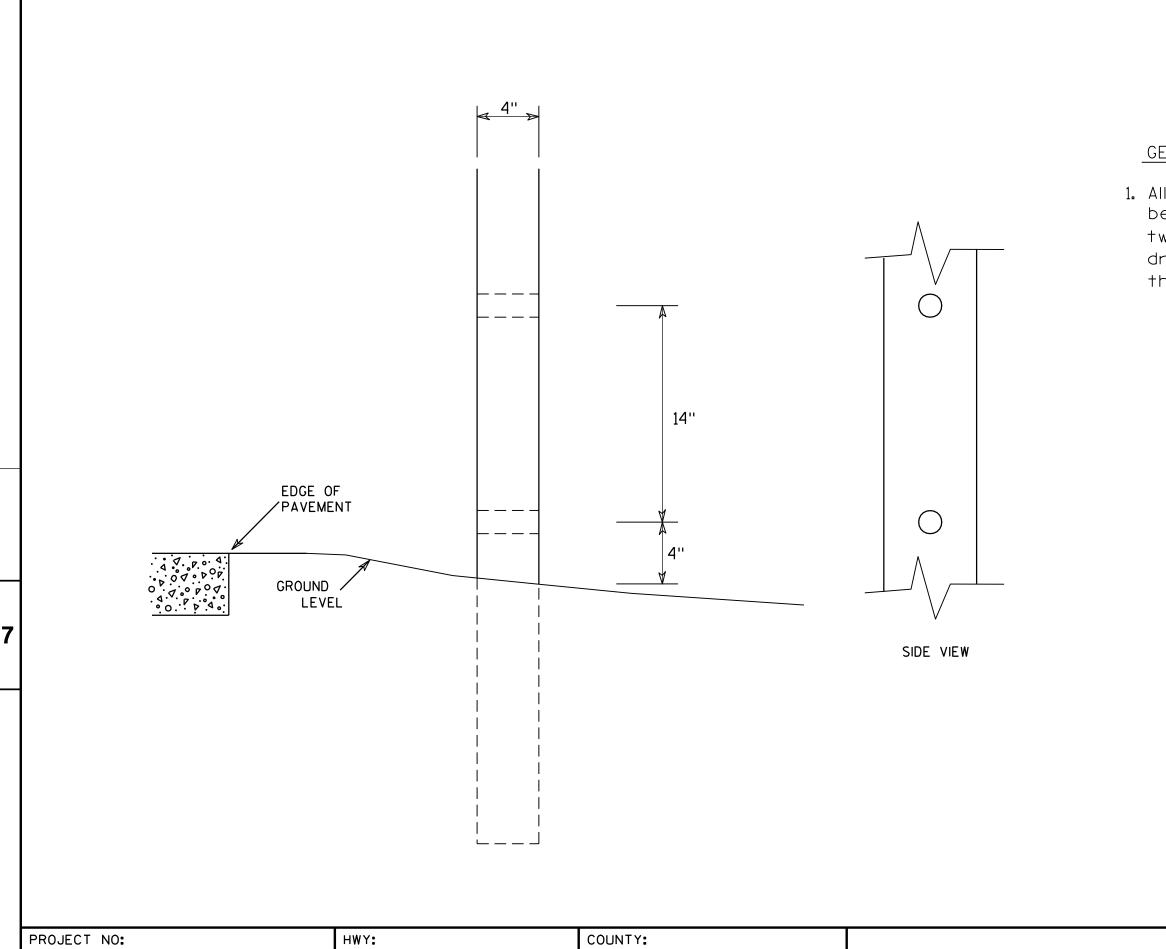
7

with ASTM Designation: A 153, Class D, or SC 3

 $\frac{3}{8}$ " X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

er it	ATTACHMENT OF SIGNS TO POSTS
	10 10313
on,	WISCONSIN DEPT OF TRANSPORTATION
	APPROVED Matther & Rauch
	for State Traffic Engineer
	DATE <u>4/27/16</u> PLATE NO. <u>44-8.8</u>
	SHEET NO: E
	R



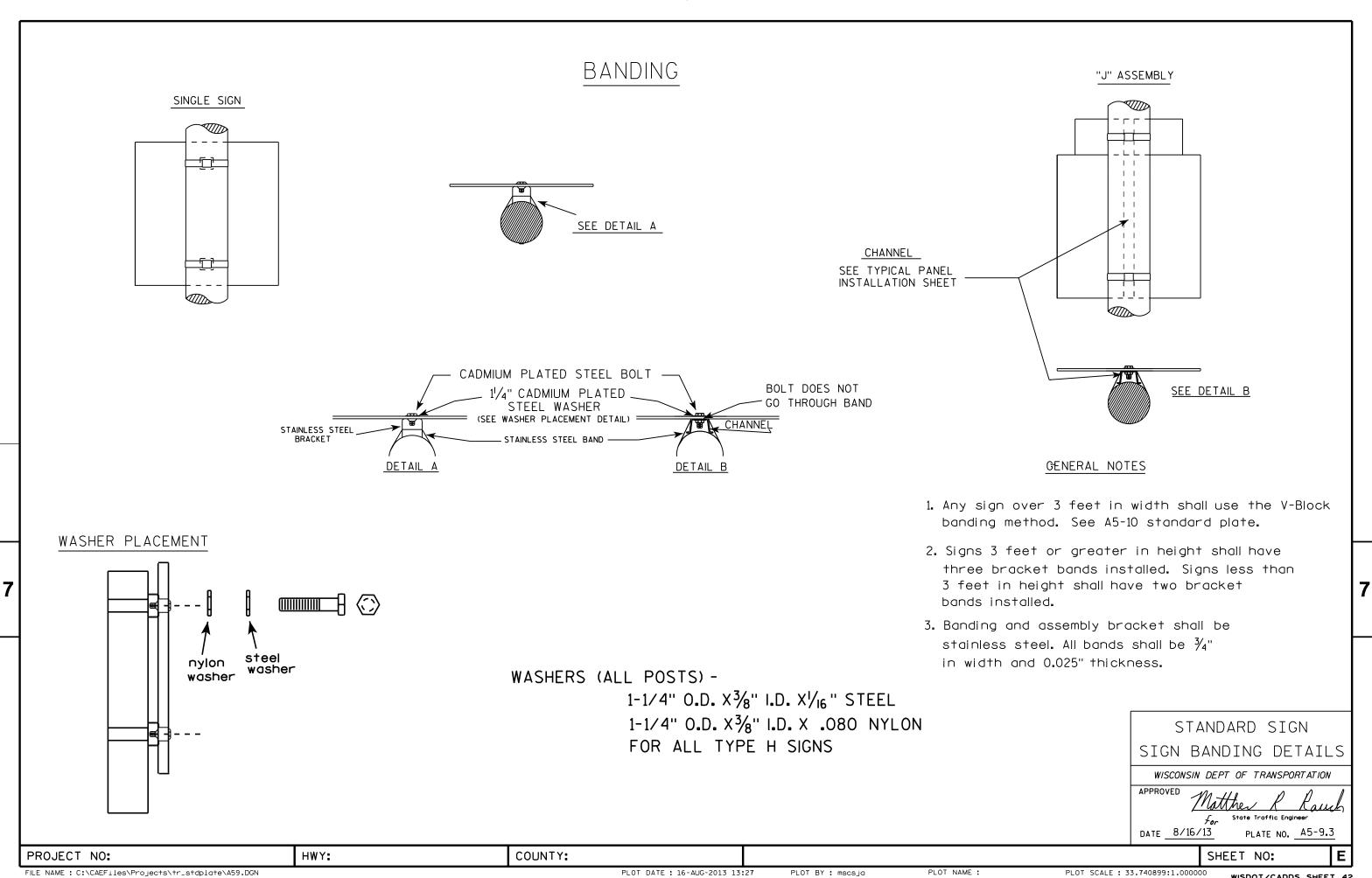


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GENERAL NOTES

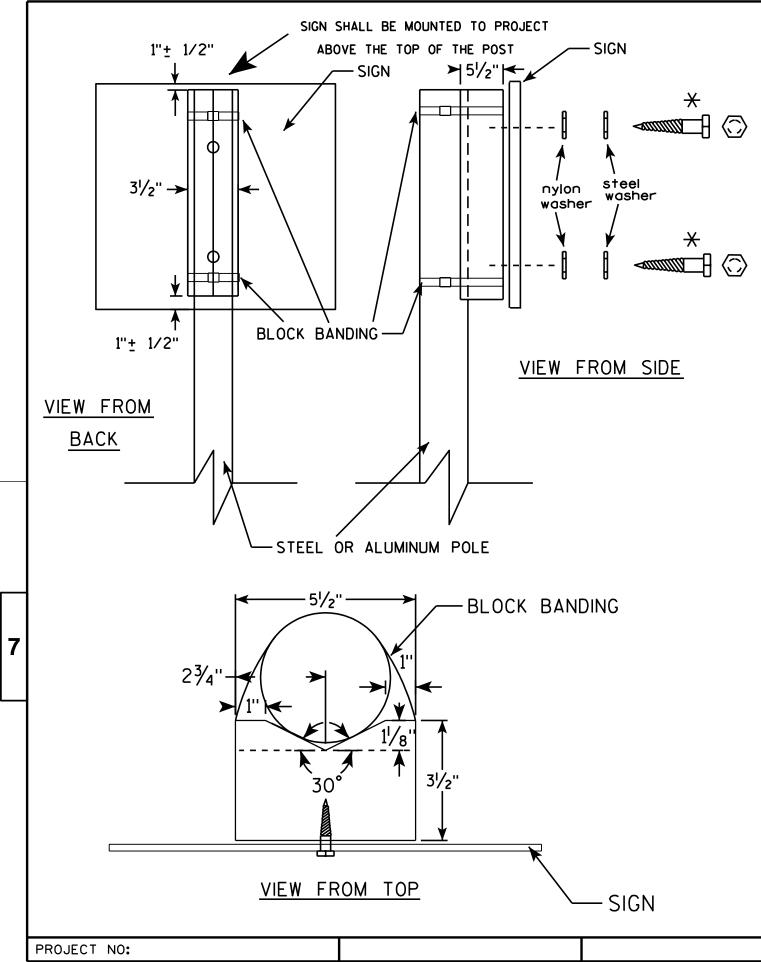
1. All 4 x 6 Wood Posts shall be modified by having two $1\frac{1}{2}$ " diameter holes drilled perpendicular to the roadway centerline.

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	WISC	onsin l	DEF	PT OF T	RANSI	PORTATION	'
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			tor	State Tr	affic Er	ngineer	
	DATE 3	/27/9	<u>17</u>	PLA	TE NO	<u>A4-11.2</u>	2
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OT SCALE	E:6.20 7 33	8:1.0000	000	WISD	от/с	ADDS SHEE	т 42



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WISDOT/CADDS SHEET 42



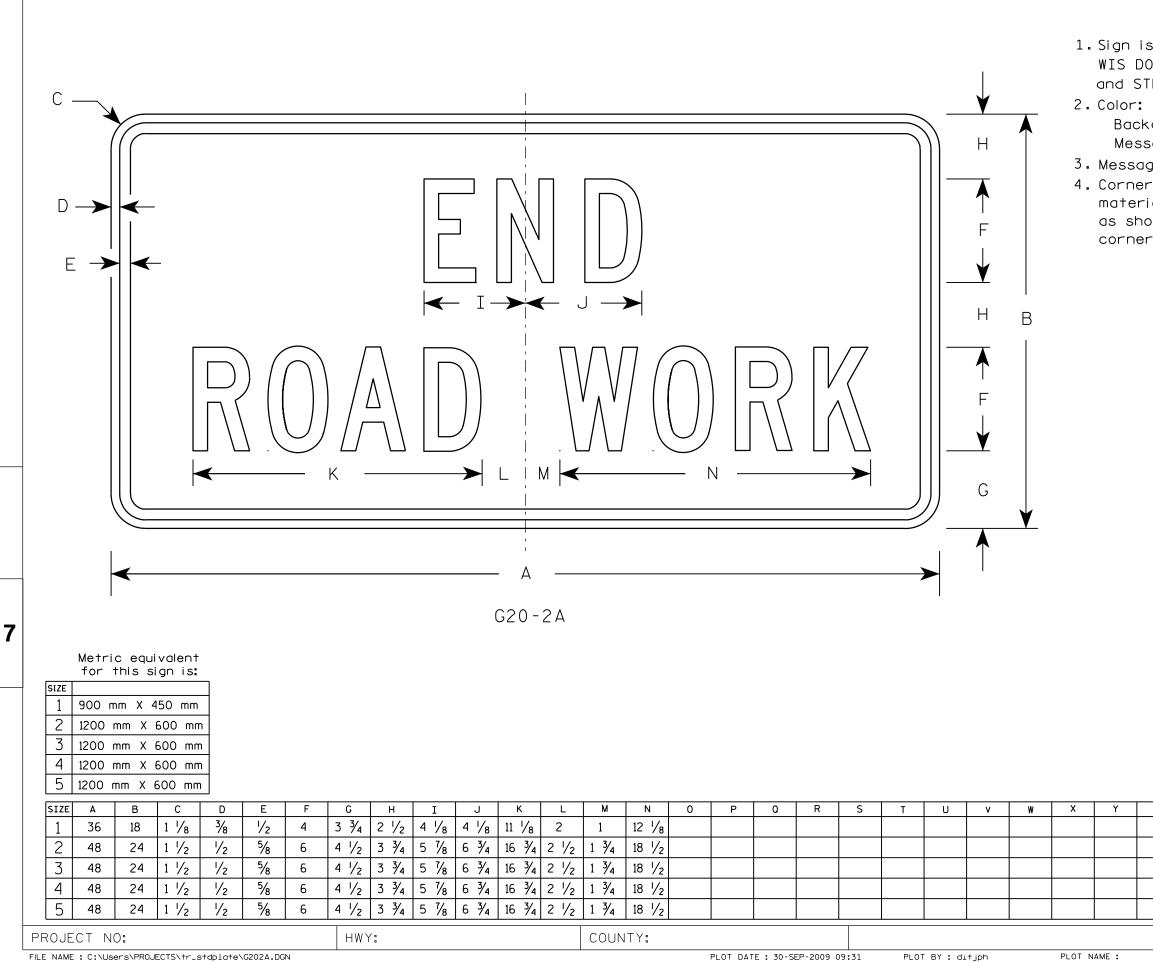
GENERAL NOTES

- WISDOT STANDARD SPECIFICATIONS
- AND 0.025" THICKNESS
- 9 S.F. 3 FASTENERS SHALL BE USED.
- - with ASTM Designation: A 153, Class D, or
 - b.Cadmium plated in accordance with ASTM Designation : B 766 TYPE 3, Class 12, or
 - c. 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 11/4" O.D. X 3/8" I.D. X 1/16"
- OR TYPE F FACE SIGN

 \times LAG BOLTS SHALL BE $\frac{3}{8}$ " X 2¹/₂"

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE 2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, $\frac{3}{4}$ " WIDTH 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 5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER: a. Hot dip or mechanically galvanized in accordance 8. NYLON WASHERS SHALL BE 11/4" O.D. X 3/8" I.D. X .080 FOR TYPE H

BLOCK BANDING DETAIL (V-BLOCK OPTION)
WISCONSIN DEPT OF TRANSPORTATION
APPROVED Matthew & Rauch
for State Traffic Engineer
DATE <u>7/12/07</u> PLATE NO. <u>A5-10.1</u>
SHEET NO: E
WISDOT/CADDS SHEET 42

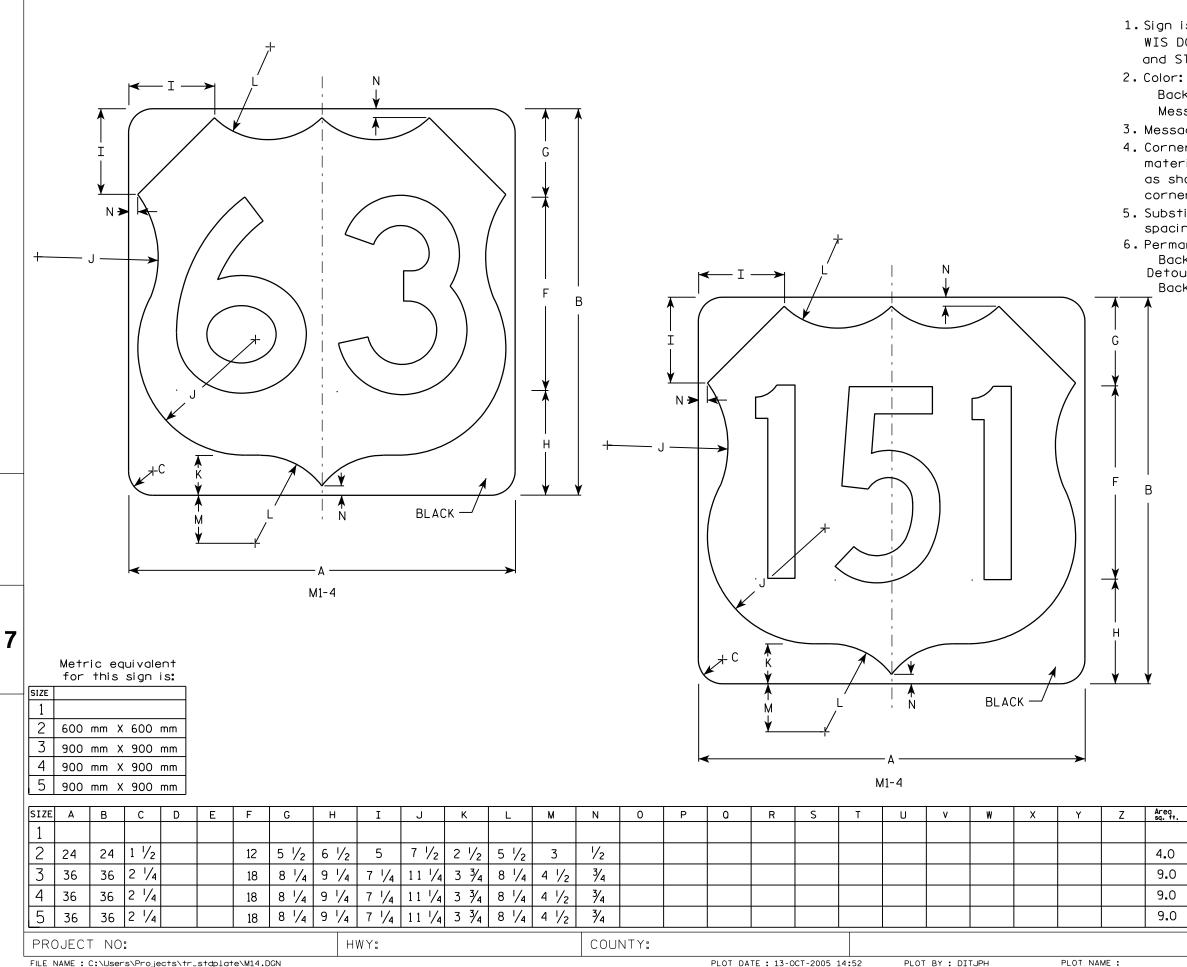


NOTES

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

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.

Z	Areo sq. ft.	Area		S	FANDA F	RD SI(GN	
-	4 . 5	0.41			G20	0-2A		
	8.0	0.72		WISCON	SIN DEPT O	F TRANSPO	RTATION	
	8.0	0.72		APPROVED	M.#	D	0 1	
	8.0	0.72		For state Traffic Engineer				
	8.0	0.72		DATE <u>9/3</u>		PLATE NO.		<u>.8</u>
					SHEET	NO:		Ε
	F	PLOT SCA	LE : 5.5617	73:1.000000) WISE	OT/CADDS	SHEET	42

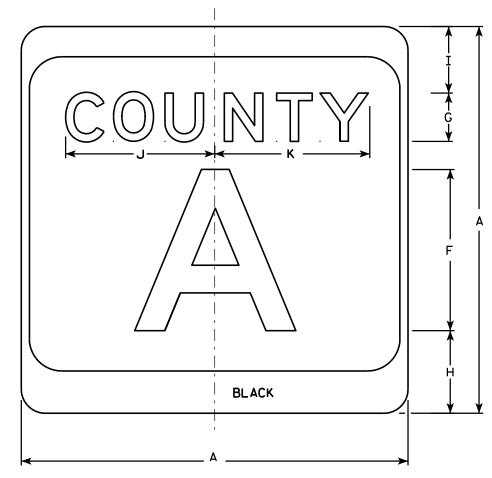


PLOT DATE : 13-0CT-2005 14:52

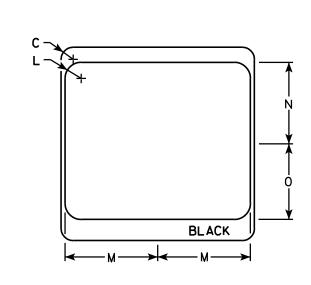
PLOT NAME :

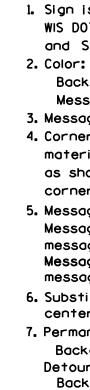
1. Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. Background - White & Black - See Note 6 Message - Black 3. Message Series - See note 5 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded. 5. Substitute appropriate numerals and adjust spacing as per Plate A10-1. 6. Permanent Signs Background - Type H Reflective Detour or other temporary signs Background - Reflective

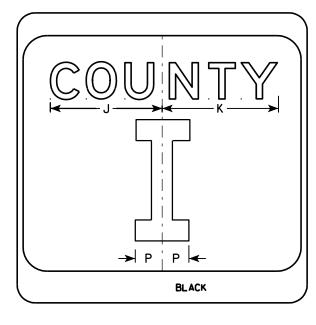
Area sq. ft.	Area m2			H MARKER OR ASSEMBLIES
4.0	.36		WISCONSIN DE	PT OF TRANSPORTATION
			APPROVED MA	
9.0	.81		[//a	ther R Rauch
9.0	.81		for	State Traffic Engineer
9.0	.81]	DATE <u>08/25/05</u>	PLATE NO. <u>M1-4.9</u>
				SHEET NO: E
	PL	OT SCAL	E : 5.960833:1.000000	WISDOT/CADDS SHEET 42

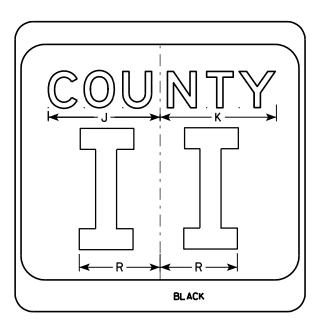












SIZE	Α	В	С	D	E	F	G	н	I	J	ĸ	L	M	N	0	Р	0	R	S	Т	U	v	W	X	Y	Γ
1																										
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1⁄4	9 5⁄8	2	11 1/2	10 1⁄8	9 3/8	2 1⁄4		6 5/8							1	
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1⁄4	12 1/8	3	17 1/8	15 1⁄4	14	3 3/8		10							1	
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1⁄4	12 7/8	3	17 1/8	15 1⁄4	14	3 3/8		10							1	
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1⁄4	12 7/8	3	17 1/8	15 1⁄4	14	3 3/8		10								
PR	JECT	NO:					н	VY:					COUN	ITY:												
FILE I	AME : C:	\Users\P	ROJECTS	tr_stdpla	+e\M15A.[DGN										PLOT DATE	: 29-SE	P-2011 11	:25	PLOT	BY : mscs	sja		PLOT NAME	: :	

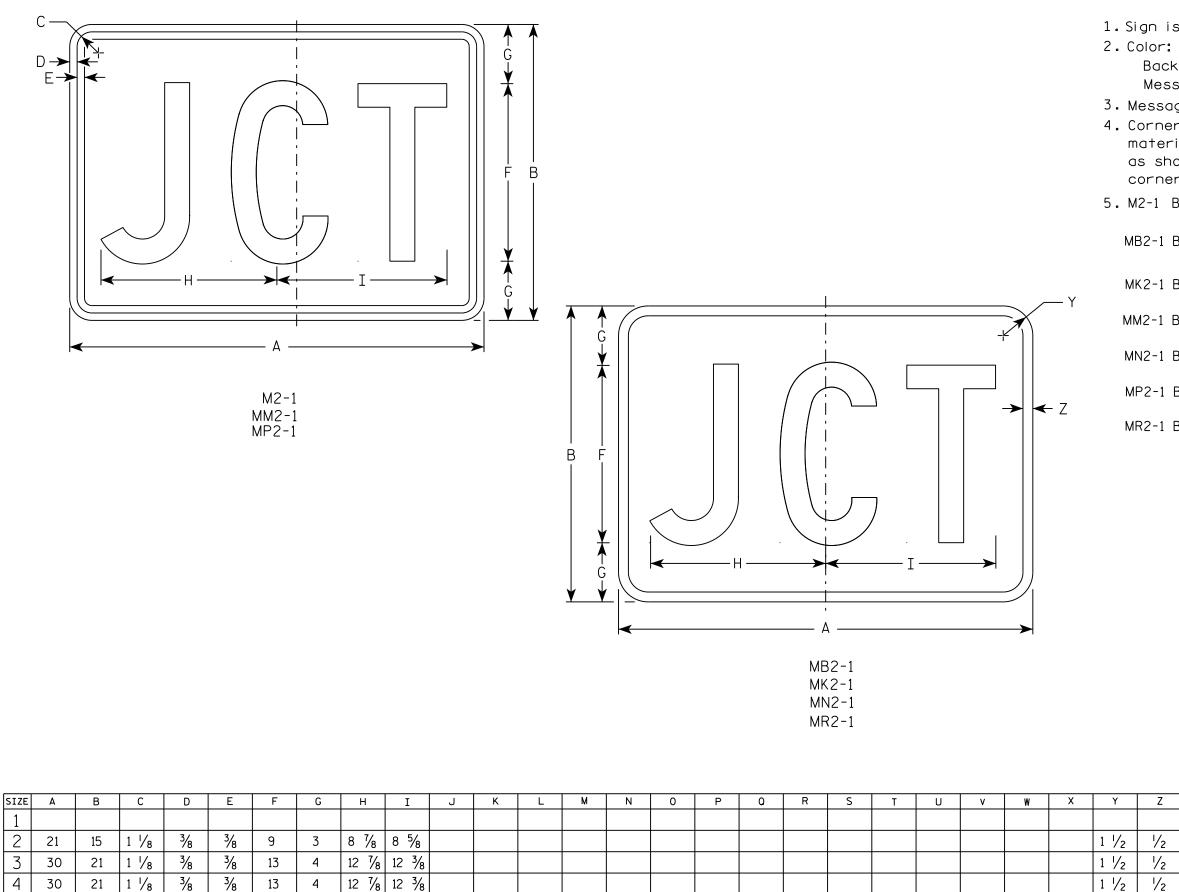
7

TE : 29-SEP-2011 11:25

NOTES

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

Z Area sq. fi			CTH N	IARKER		
		M1-5	A FOR	ASSEME	LIES	
4.0		WISCONS	SIN DEPT O	F TRANSPO	RT AT ION	
9.0		APPROVED	MI	ι <i>Λ</i>	1	1
9.0)			the Real of the temperature of temperature)
9.0)	DATE 9/2		PLATE NO.		_
			SHEET	NO:		Ε
P	_OT SCALE : 5.9590	043:1.000000	WISE	OT/CADDS	SHEET	42



	ľ	PROJECT NO:	HWY:	COUNTY:
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12 7/8 12 3/8

PLOT DATE . 01-DEC-2015 17.54 PLOT BY . \$\$ Diotuser \$\$ PLOT NAME :

FILE NAME · C·\CAEfiles\Projects\tr_stdplate\M21_DCN

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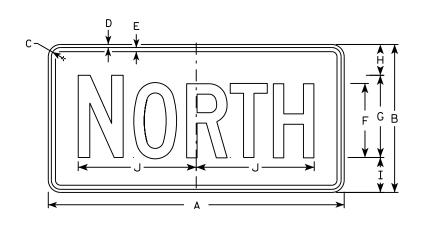
⅔

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

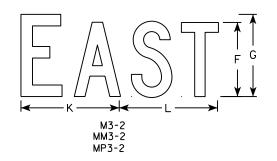
MR2-1 Background - Brown Message - Yellow

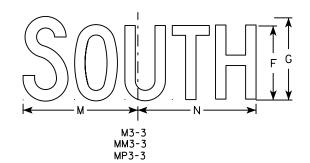
		STANDARD SIGN
Z	Area sq. ft.	M2 - 1
1/2	2.20	WISCONSIN DEPT OF TRANSPORTATION
1/2	4.40	APPROVED Matthew & Rauch
1/2	4.40	f_{or} State Traffic Engineer
1/2	4.40	DATE 10/15/15 PLATE NO. M2-1.12
		SHEET NO: E

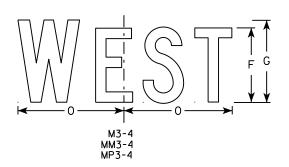
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10 1/4 9 3/4

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14 1/8

14 1/8

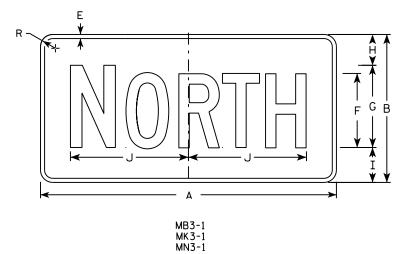
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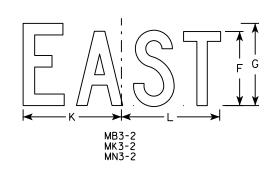
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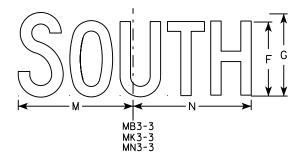
1/2

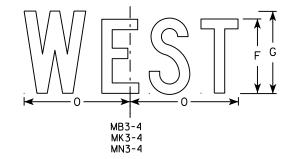
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- All Signs Type I
 Color:
 - Background -Message - Se
- 3. Message Series
- 4. Corners may be material is plyw as shown. When corners and bo
- 5. M3-1 thru M3-4

MB3-1 thru MB3.

- MK3-1 thru MK3-
- MM3-1 thru MM3-
- MN3-1 thru MN3-
- MP3-1 thru MP3
- 6. Note the first than the remai

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PROJECT NO:

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PLAT DATE . AL-DEC-2015 17.54 PLAT RY . \$\$ Diatuser \$\$ PLAT NAME :

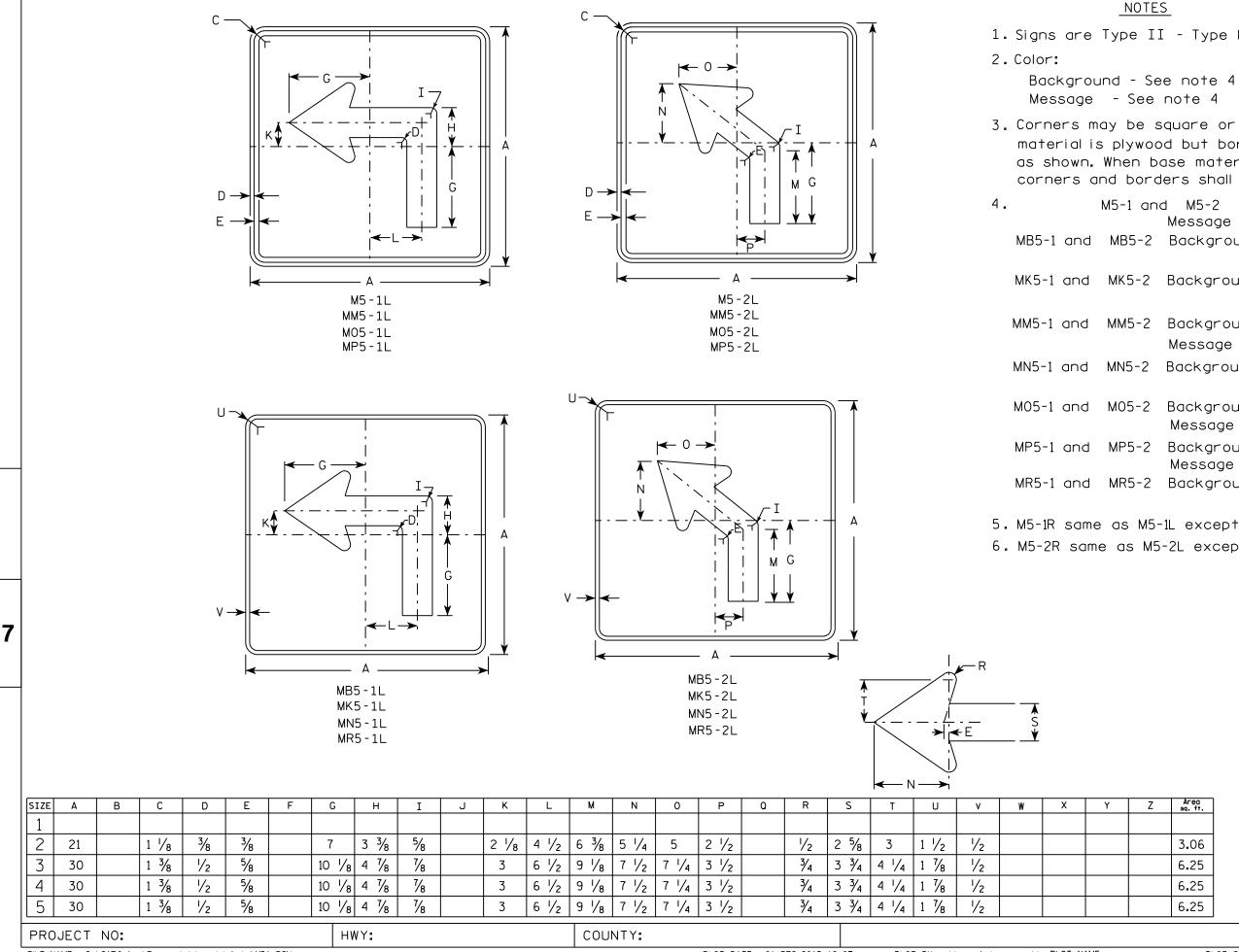
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<u>ЕS</u> I - Туре Н				
See note 5 See note 5 s - C e square or rounded when base wood but borders shall be rounded n base material is metal, the orders shall be rounded.				
Background - White Message - Black -4 Background - Blue Message - White				
-4 Background - Green				
Message - White -4 Background - White				
Message - Green -4 Background - Brown				
Message - White -4 Background - White				
Message – Blue t letter of each direction is larger iinder of the message.				

		STANDARD SIGNS
Z	Area sq. ft.	M3-1thur M3-4
		SERIES
	2.00	WISCONSIN DEPT OF TRANSPORTATION
	4.5	APPROVED Matthew P Print
	4.5	for State Traffic Engineer
	4.5	DATE 10/15/15 PLATE NO. M3-1.14
		SHEET NO: E

-



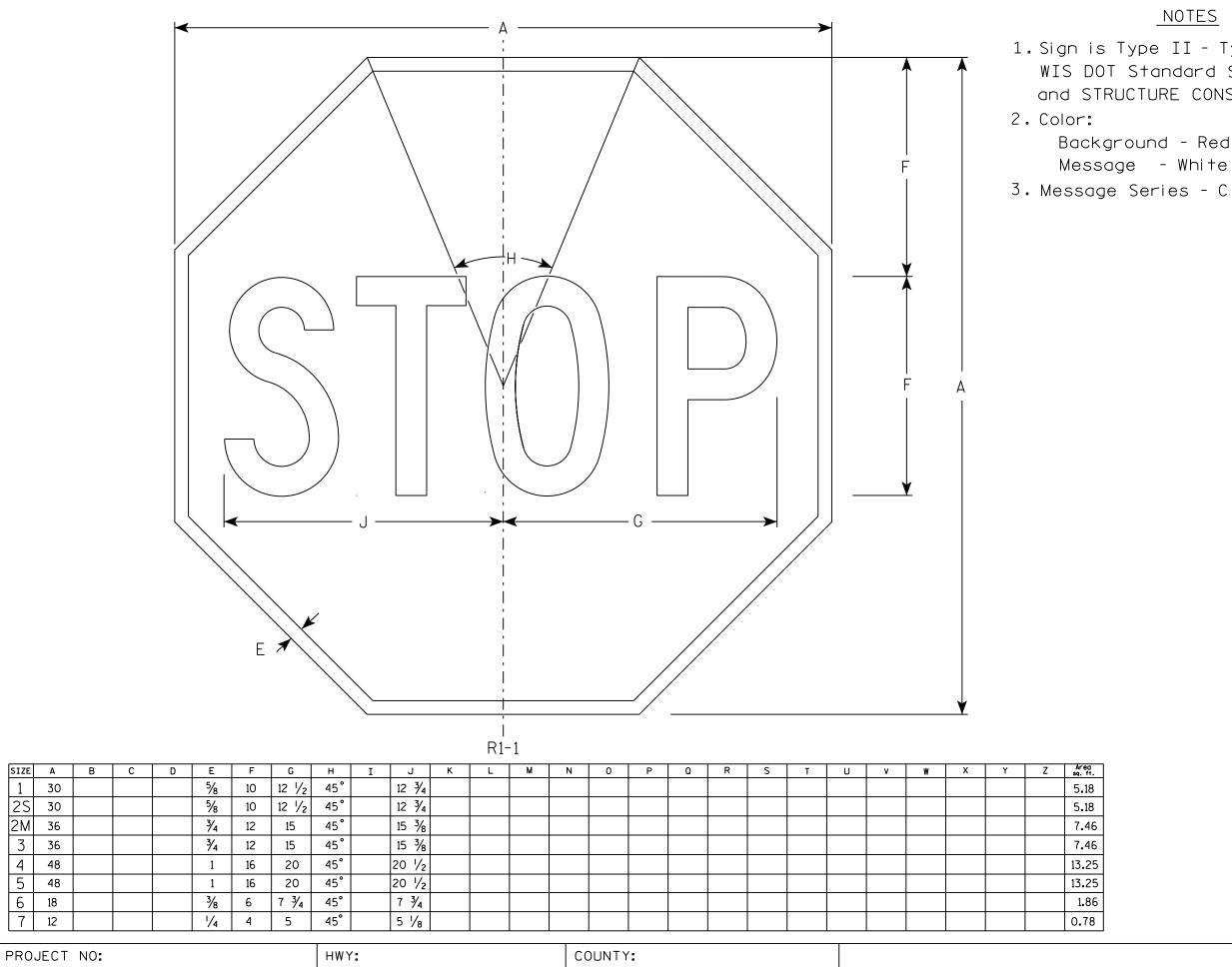
FILE NAME . C.\CAEfiles\Projects\tr_stdplate\M51 DGN

PLOT DATE . 01-DEC-2015 18.07

PLOT BY . \$\$ DIOTUSER \$\$ PLOT NAME :

```
NOTES
1. Signs are Type II - Type H reflective except as shown
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.
            M5-1 and M5-2
                             Background - White
                    Message - Black
  MB5-1 and MB5-2 Background - Blue
                              Message - White
  MK5-1 and MK5-2 Background - Green
                             Message - White
  MM5-1 and MM5-2 Background - White
                    Message - Green
  MN5-1 and MN5-2 Background - Brown
                             Message - White
  M05-1 and M05-2 Background - Orange - Type F Reflective
                    Message - Black
  MP5-1 and MP5-2 Background - White - Type H Reflective
                    Message - Blue
  MR5-1 and MR5-2 Background - Brown
                             Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.
```

	Aree	STANDARD SIGN	
Z	Area sq. ft.	M5-1 & M5-2	
	3.06	WISCONSIN DEPT OF TRANSPORTATION	
	6.25	APPROVED Matthew & Rauch	
	C 05	T'un March Rallich	-
	6 . 25	for State Traffic Engineer	
	6.25	DATE 10/15/15 PLATE NO. M5-1.13	_
		SHEET NO:	Ε



FILE NAME · C·\CAEfiles\Projects\tr_stdplate\R11_DGN

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SIZE A

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2M 36

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NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

Message - White

STANDARD SI	IGN	
R1-1		
WISCONSIN DEPT OF TRANS	PORTATION	
APPROVED Matther R	Rauc	h
<i>for</i> State Traffic En	gineer	
DATE <u>11/12/15</u> PLATE N	o. <u>R1-1.1</u>	3
SHEET NO:		Ε

┥──I ──≻┥ D,

- 2. Color: Background - White
- 3. Message Series C
- reflectorized red.

R1-2

SIZE	Α	В	С	D	E	F	G	н	I	J	к	L	M	N	0	Р	0	R	S	Т	U	v	W	x	Y
1	30	26	1 1/2	5⁄8	4	2 1/2	6 3/8	7⁄8	4	3 5/8															
25	36	31	2	3⁄4	5	3	7 3⁄4	1 1/4	4 3/4	4 3/8															
2M	48	42	3	1	6	4	9 3⁄4	2	6 1/4	5 7/8															
3	48	42	3	1	6	4	9 3⁄4	2	6 1/4	5 7/8															
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8															
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1⁄4															
6																									
7	18	15 1/2	1	3∕8	2 1/2	1 1/2	3 7/8	5%	2 3/8	2 1/4															
PR0.	JECT	NO:					нพ	Y:					COUNTY:												

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R12.DGN

7

PLOT DATE : 13-0CT-2014 15:12

PLOT NAME : PLOT BY : mscsja

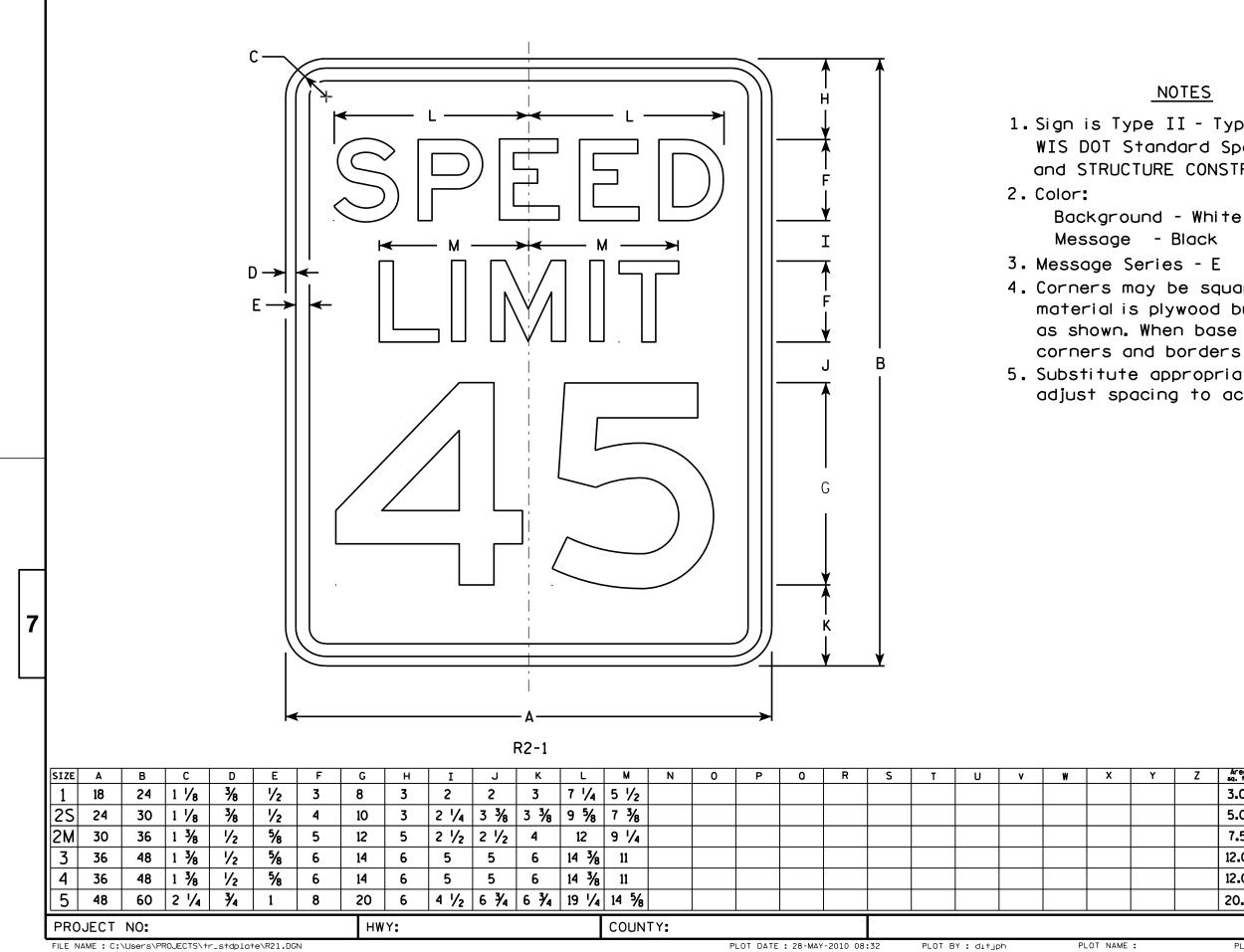
NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

Message - 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. The border strip and word message are

Z	Ared sq. ft.	
	2.71	
	3.88	STANDARD SIGN
	7.00	R1-2
	7.00	
	7.00	WISCONSIN DEPT OF TRANSPORTATION
	10.83	APPROVED Matthew & Rauch
		For State Traffic Engineer
	0.97	DATE 10/13/14 PLATE NO. R1-2.12
		SHEET NO: E

WISDOT/CADDS SHEET 42



PLOT DATE : 28-MAY-2010 08:32

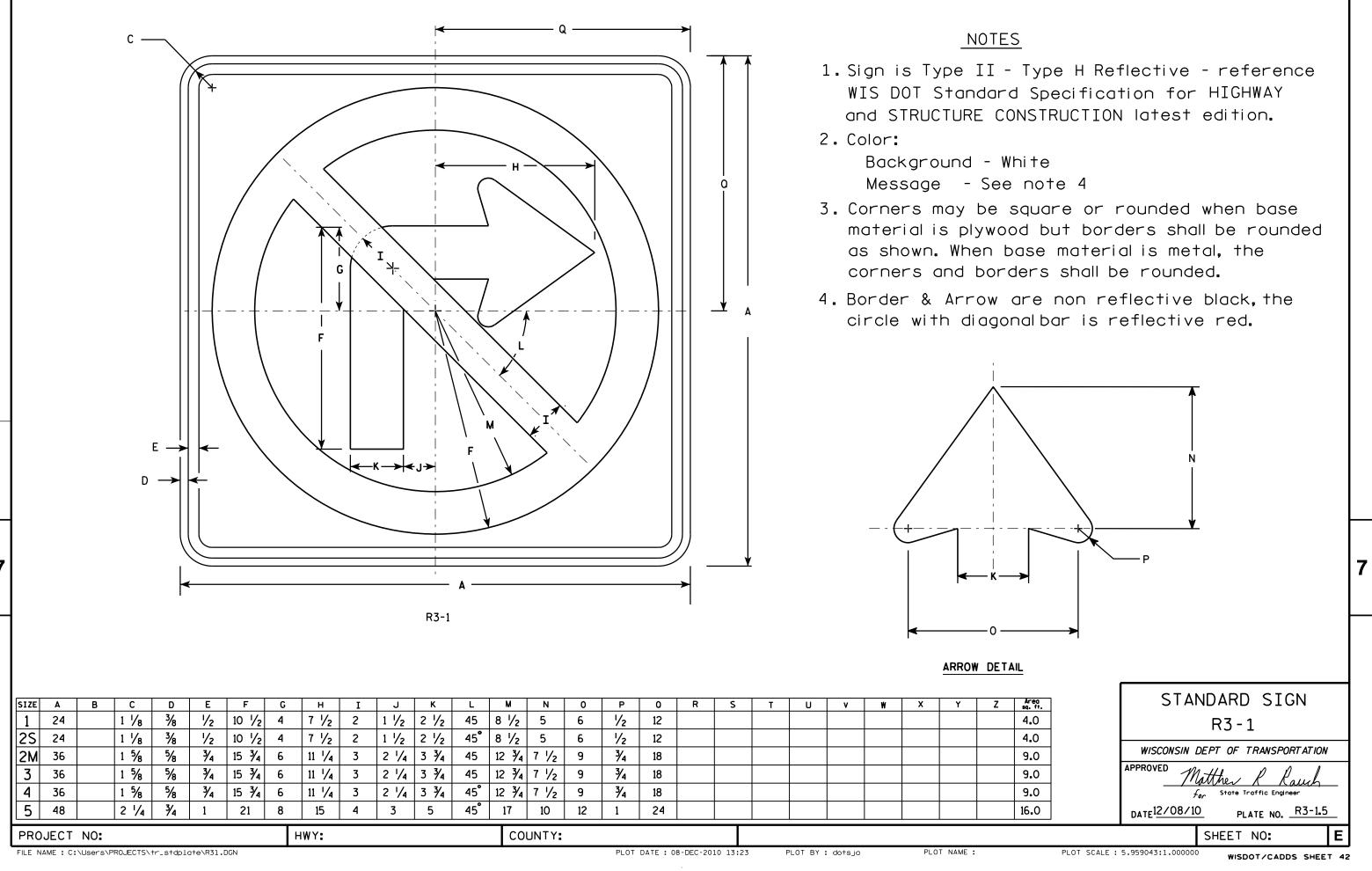
NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal. the corners and borders shall be rounded. 5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

_		4100	
	Z	Areo sq. ft.	
	1	3.0	STANDARD SIGN
		5.0	R2 - 1
		7.5	WISCONSIN DEPT OF TRANSPORTATION
		12.0	APPROVED Matther R Rauch
		12.0	For State Traffic Engineer
		20.0	DATE 5/26/10 PLATE NO. R2-1.13
			SHEET NO: E

WISDOT/CADDS SHEET 42

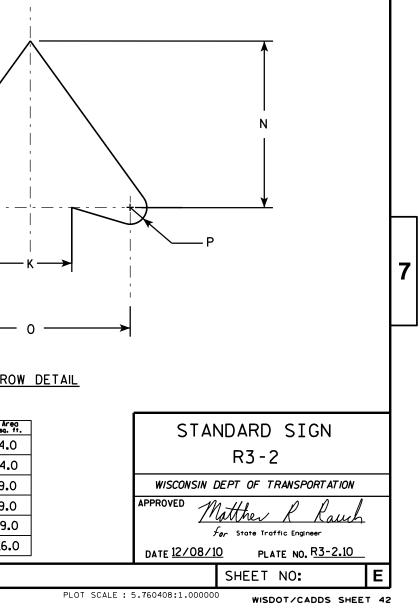


7		 Sign is Typ WIS DOT St and STRUCTI Color: Backgroun Message Corners ma material is as shown. N corners an Border & A circle with
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	X Y Z Areg. sq. fr. 4.0 4.0 4.0 9.0 9.0 9.0 9.0 9.0 16.0
	4 36 1 \$\frac{5}{8}\$ \$\frac{3}{4}\$ 15 \$\frac{3}{4}\$ 6 11 \$\frac{1}{4}\$ 3 2 \$\frac{1}{4}\$ 3 \$\frac{3}{4}\$ 45° 12 \$\frac{3}{4}\$ 7 \$\frac{1}{2}\$ 9 \$\frac{3}{4}\$ 10 10 10 10 10	9

NOTES

ype II - Type H Reflective - reference Standard Specification for HIGHWAY TURE CONSTRUCTION latest edition.

ound - White - See note 4 may be square or rounded when base s plywood but borders shall be rounded When base material is metal, the and borders shall be rounded. Arrow are non reflective black, the h diagonal bar is reflective red.



		<u>_N</u>
		 Sign is Type WIS DOT Stan and STRUCTURI Color: Background Message - Corners may material is pl as shown. Whe corners and Border & Arr circle with di
7		
	R3-4	
	SIZE A B C D E F G H I J K L M N O P O R S T U V	W X Y Z
	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
	5 36 1 5/8 3/4 7 1/8 19 3/8 9 3 3 3/4 7 1/8 15 3/4 45° 3/4 7 5/8	
	PROJECT NO: HWY: COUNTY:	· · · · · ·

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R34.DGN

PLOT DATE: 08-DEC-2010 15:34 PLOT BY: dotsja

PLOT NAME :

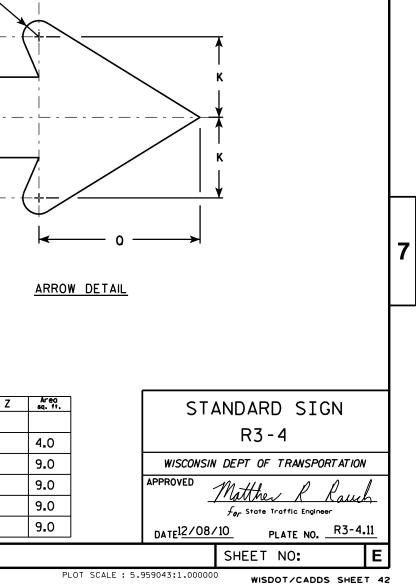
NOTES

e II - Type H Reflective - reference andard Specification for HIGHWAY JRE CONSTRUCTION latest edition.

nd - White - See note 4

y be square or rounded when base plywood but borders shall be rounded When base material is metal, the d borders shall be rounded.

rrow are non reflective black, the diagonal bar is reflective red.



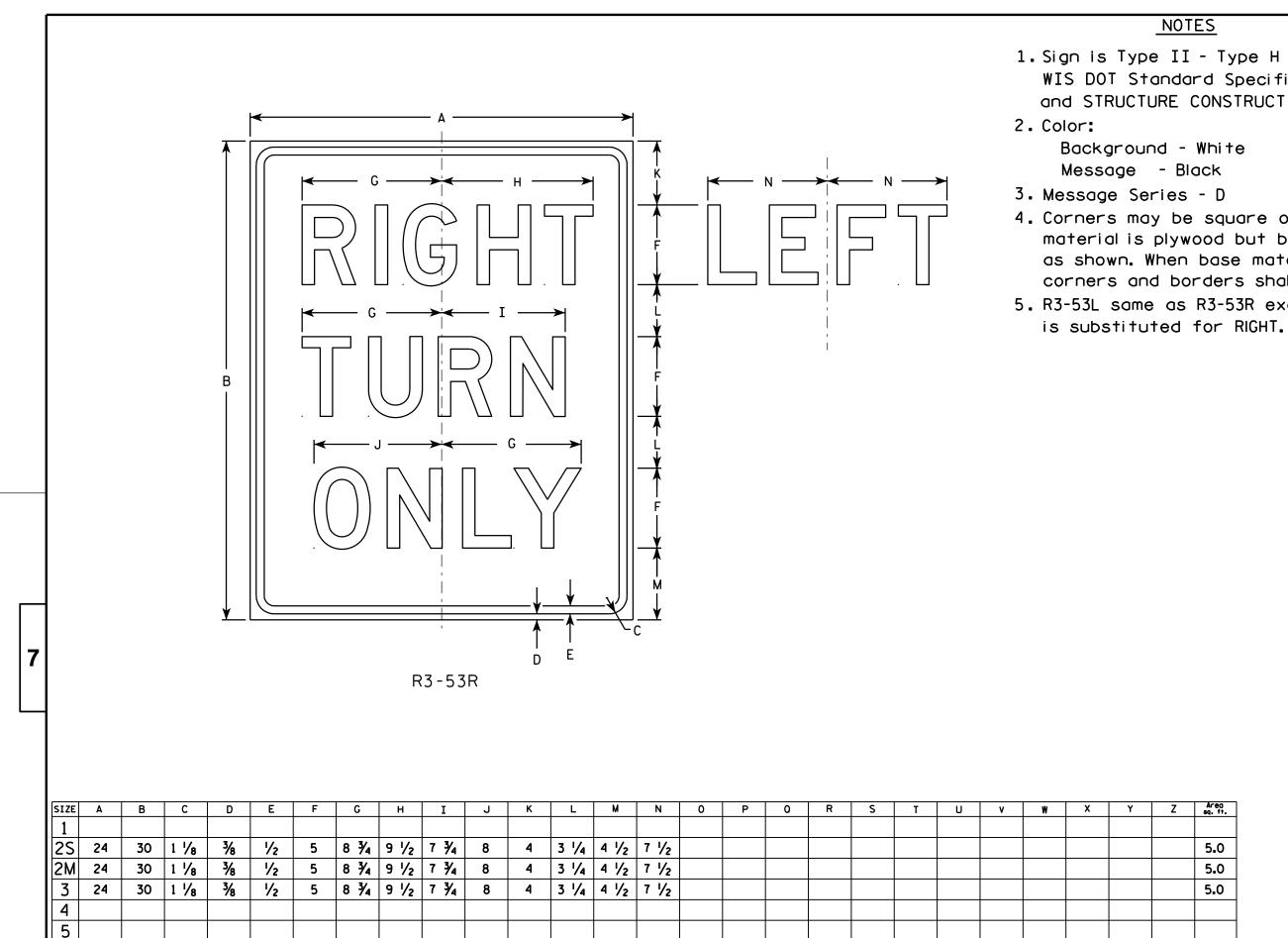
7				C.						K →												MI			and Colo Ba Mess Cor mat as cor	DOT STRL or: ackgr essage ners rerial shown ners	Silling JCT Semis Semis or
	SIZE	A	В	с	D	E	F	G	н	I	J	к	L	м	N	0	Р	0	R	S	Т	U	v	W	x	Y	\square
	1 2S	24	36	1 1/8	3⁄8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2			┢
	2M	24	36	1 1/8	3∕8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 Y ₂		8 ¹ /8	7 5/8	8	22°	1/2	9 ½			F
	3	36	54	1 3⁄4	1/2	5⁄8	6	3⁄8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1⁄4	11 1/2	12	22°	3⁄4	13 1⁄4			╞
	4 5																										┢
	· · · ·	JECT			I		I		VY:	I	1	I	1									1					
				ROJECTS\+	r_stdplc	ite\R320L.	DGN		1.					COUN	NI Í .	F	PLOT DATE	: 15-0C	T-2010 14	1:45	PLOT	BY : dots	sja	Ρ	LOT NAME	:	

NOTES

ype II - Type H Reflective - reference Standard Specification for HIGHWAY CTURE CONSTRUCTION latest edition.

ound - White le - Black Series - E may be square or rounded when base is plywood but borders shall be rounded h. When base material is metal, the and borders shall be rounded.

Z	Areo sq. ft.	1				
2	sq. ft.		S	TANDARD	SIGN	
	6.0			R3-2	0L	
	6.0		WISCON	SIN DEPT OF TI	RANSPORT AT IOI	v
	13.5		APPROVED	Matther	P P	
					ffic Engineer	125
			DATE 10/18	<u>8/10</u> PLAT	E NO. R3-201	<u>.</u> 7
				SHEET NO):	Ε
	DL OT		. 47 . 1 . 0.000	<u></u>		



COUNTY:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R353.DGN

PROJECT NO:

HWY:

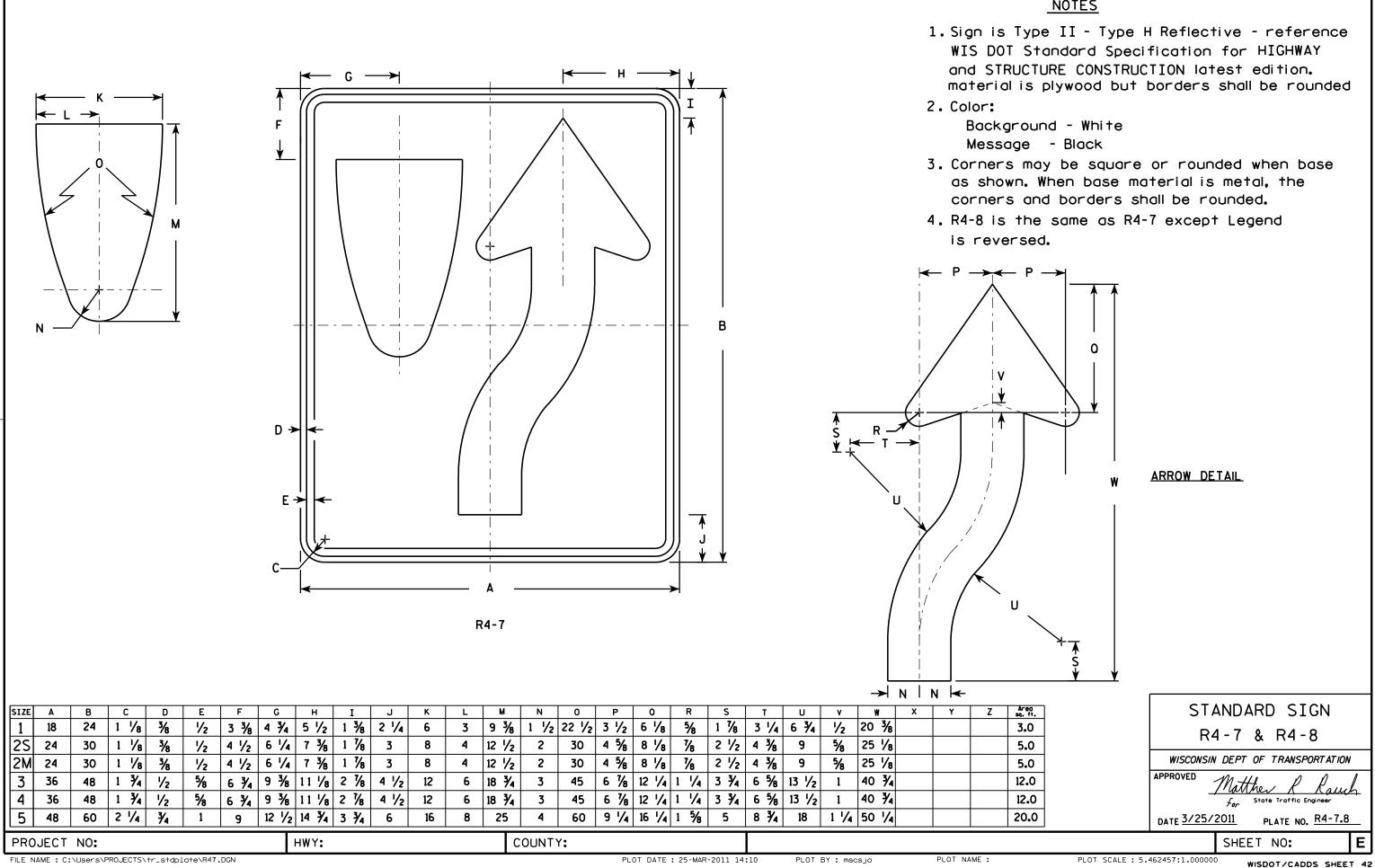
PLOT DATE : 24-MAR-2011 14:54 PLOT BY : mscsja

PLOT NAME :

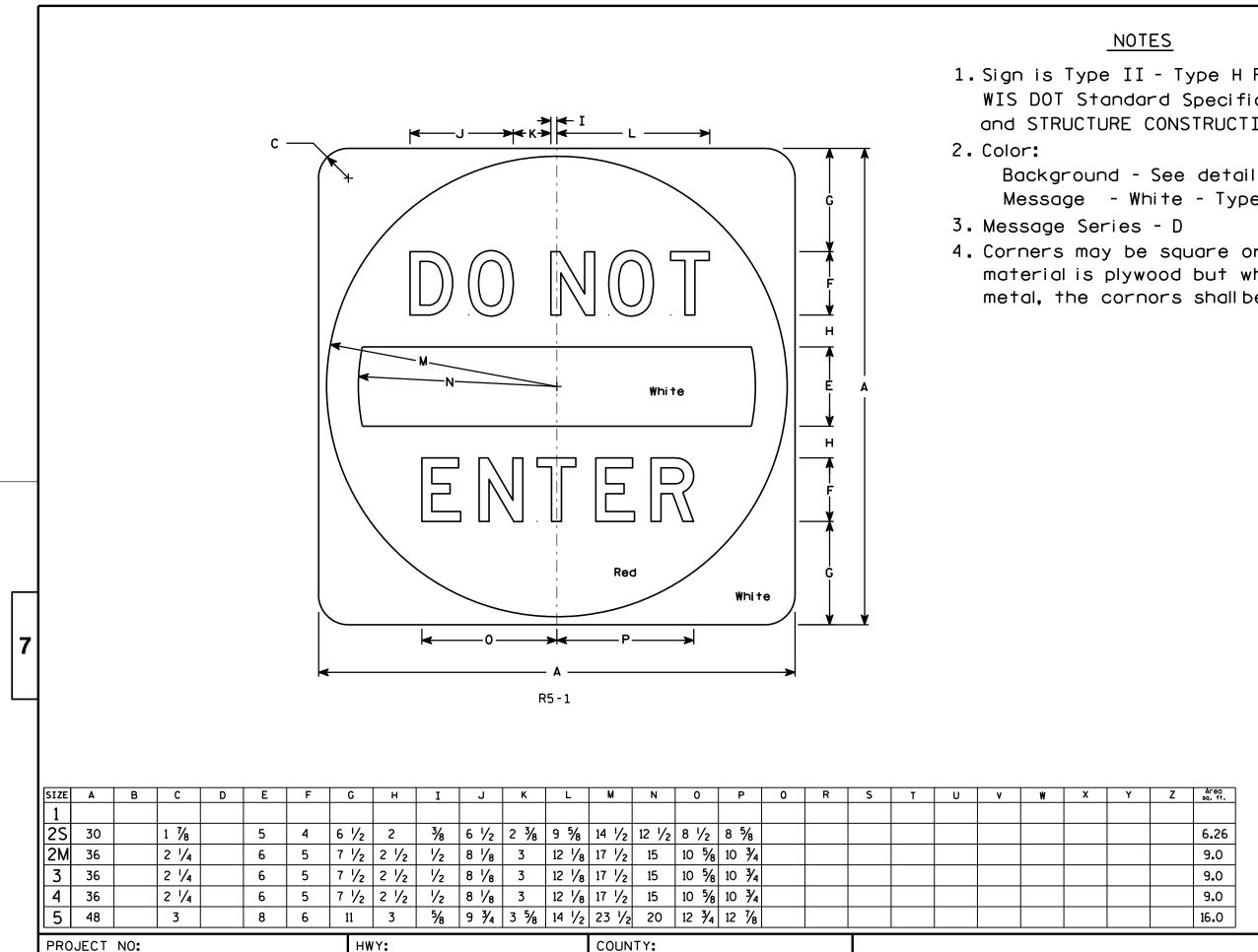
NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. 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. R3-53L same as R3-53R except LEFT

Z Area sq. ff. STANDARD SIGN								
R3-53								
5.0 WISCONSIN DEPT OF TRANSPORTATION								
5.0 APPROVED Matthew & Raus	APPROVED Matthe R Paul							
For State Traffic Engineer	<u>~)</u>							
DATE 3/24/2011 PLATE NO. R3-53.	8_							
SHEET NO: E								
PLOT SCALE : 5.959043:1.000000 WISDOT/CADDS SHEET	T 42							



NOTES



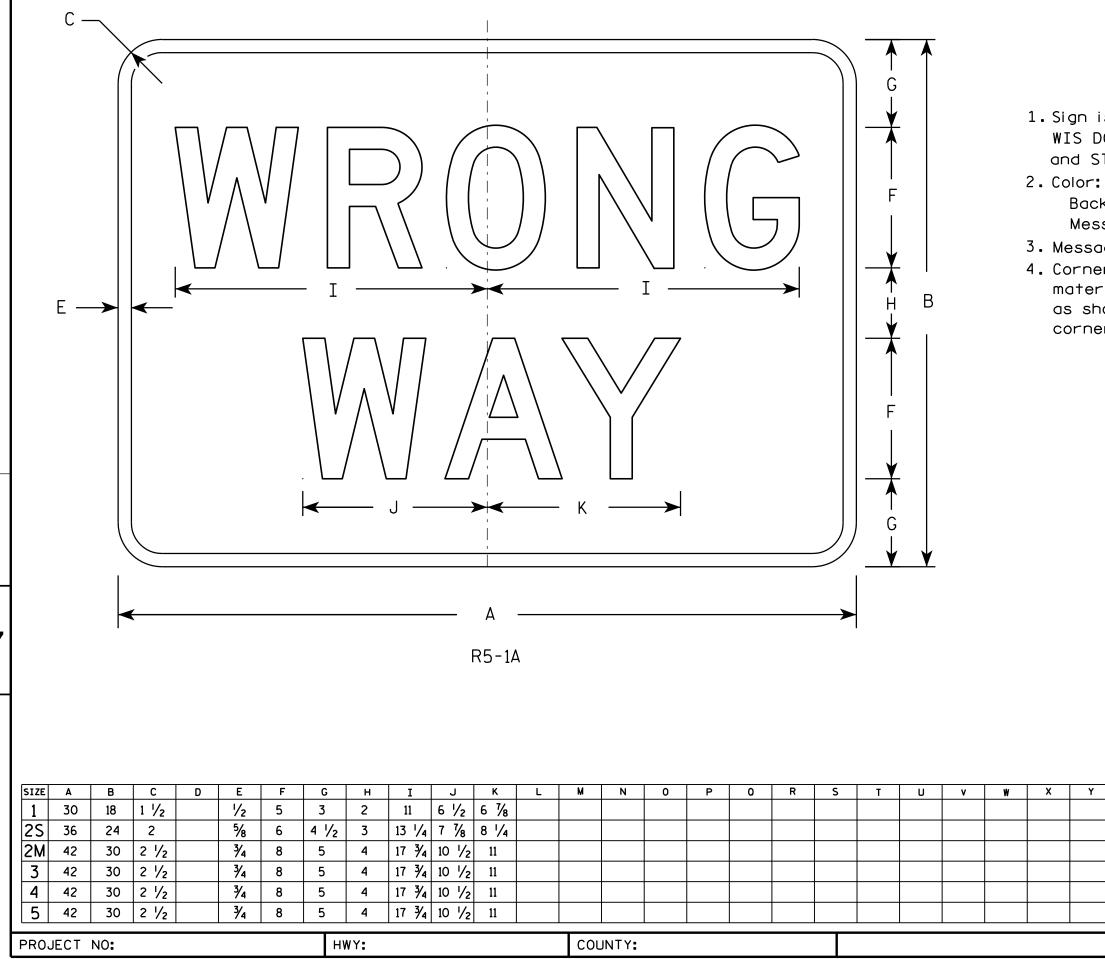
FILE NAME : C:\Users\PROJECTS\tr_stdplate\R51.DGN

PLOT DATE : 17-DEC-2010 12:11 PLOT BY : dotsja

PLOT NAME :

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. Message - White - Type H Reflective 4. Corners may be square or rounded when base material is plywood but when base material is metal, the cornors shall be rounded.

STANDARD SIGN	Area sq. ft.	Z							
R5-1									
KD-T	6.26								
WISCONSIN DEPT OF TRANSPORTATION	9.0								
APPROVED Matthew & Rauch	9.0								
For State Traffic Engineer	9.0								
DATE 12/17/10 PLATE NO. R5-1.15	16.0								
SHEET NO: E									
WISDOT/CADDS SHEET 42	PLOT SCALE : 5.959043:1.000000 WISDOT/CADDS SHEET								



FILE NAME : C:\Users\PROJECTS\tr_stdplate\R51A.DGN

PLOT DATE : 17-DEC-2010 12:42 PLOT BY : dotsja

PLOT NAME :

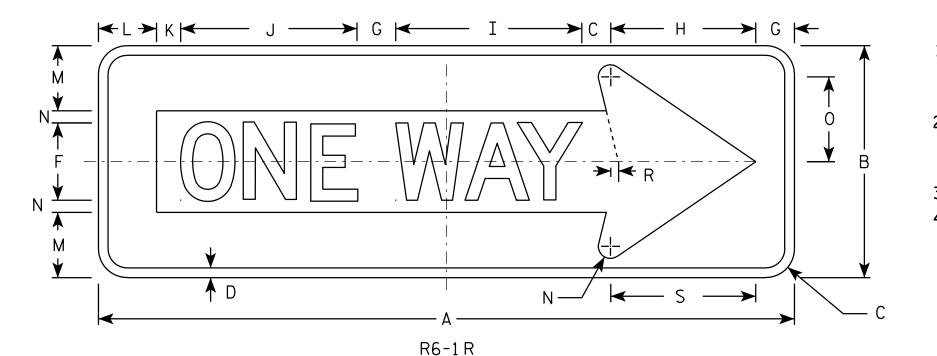
Ζ

NOTES

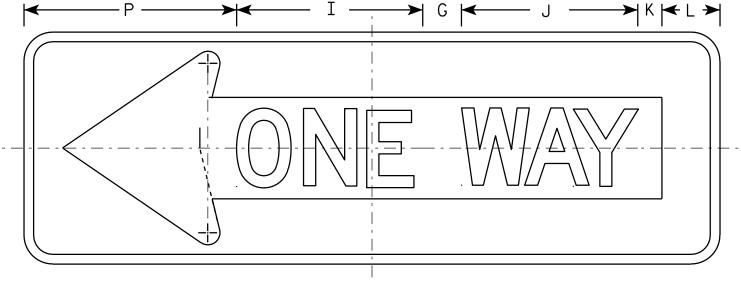
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

Background - Red Message - White 3. Message Series - D 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Åreo sq. fi.	
3.75	STANDARD SIGN
6.00	R5-1A
8.75 W/S	CONSIN DEPT OF TRANSPORTATION
8.75 APPROV	ED a d d
8.75	- Matther R Rauch For State Traffic Engineer
8.75 DATE .	12/17/10 PLATE NO. R5-14.2
	SHEET NO: E
PLOT SCALE : 5.462457:1.000	WISDOT/CADDS SHEET 42



- 2. Color: Background - BLACK
- 3. Message Series D



R6-1 L

SIZE	A	В	С	D	E	F	G	н	I	J	к	L	M	N	0	P	0	R	S	Т	U	v	W	x	Y	Z	Areo sq. 11.
1																											
2S	36	12	1 1/2	1/2		4	2	7 ½	9 5/8	9 1/8	1 1/4	3	3 3/8	5⁄8	4 3/8	11		3⁄8	7 1/2								3.0
2M	54	18	2 1/4	3⁄4		6	3	11 1/4	14 ½	13 5/8	1 1/8	4 1/2	5	1	6 1/2	16 ½		5⁄8	11 1/4								6.75
3	54	18	2 1/4	3⁄4		6	3	11 1/4	14 ½	13 5/8	1 1/8	4 1/2	5	1	6 ½	16 ½		5⁄8	11 1/4								6.75
4	54	18	2 1/4	3⁄4		6	3	11 1/4	14 ½	13 5/8	1 7/8	4 1/2	5	1	6 ½	16 ½		5⁄8	11 1/4								6.75
5																											
PRO	JECT	NO:																									
FILE NA	ME : C:	\Users\F	PROJECTS	tr_stdp.	la†e∖R61	.DGN										F	LOT DAT	E : 17-D	EC-2010	14:11	PLC)T BY : (dotsja				

7

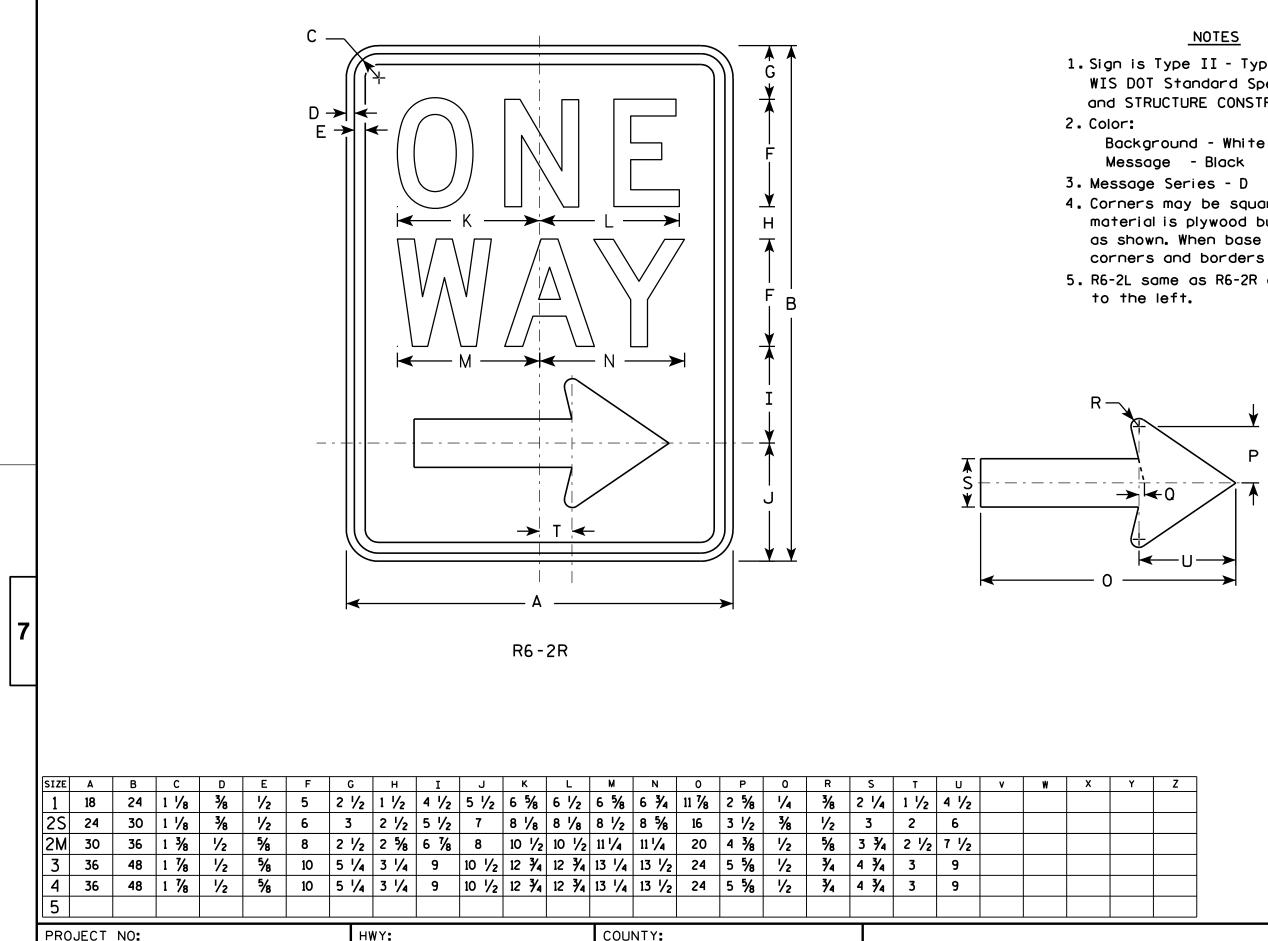
NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

Message - BLACK LEGEND & WHITE ARROW & BORDER

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.

<u>.</u>	STANDARD SIGN	
	R6-1 L & R	
, '5	WISCONSIN DEPT OF TRANSPORTATION	
5	APPROVED Matthew & Rauch	
5	For State Traffic Engineer	
	DATE <u>12/17/10</u> PLATE NO.R <u>6-1.2</u>	
	SHEET NO: E	



FILE NAME : C:\Users\PROJECTS\tr_stdplate\R62.DGN

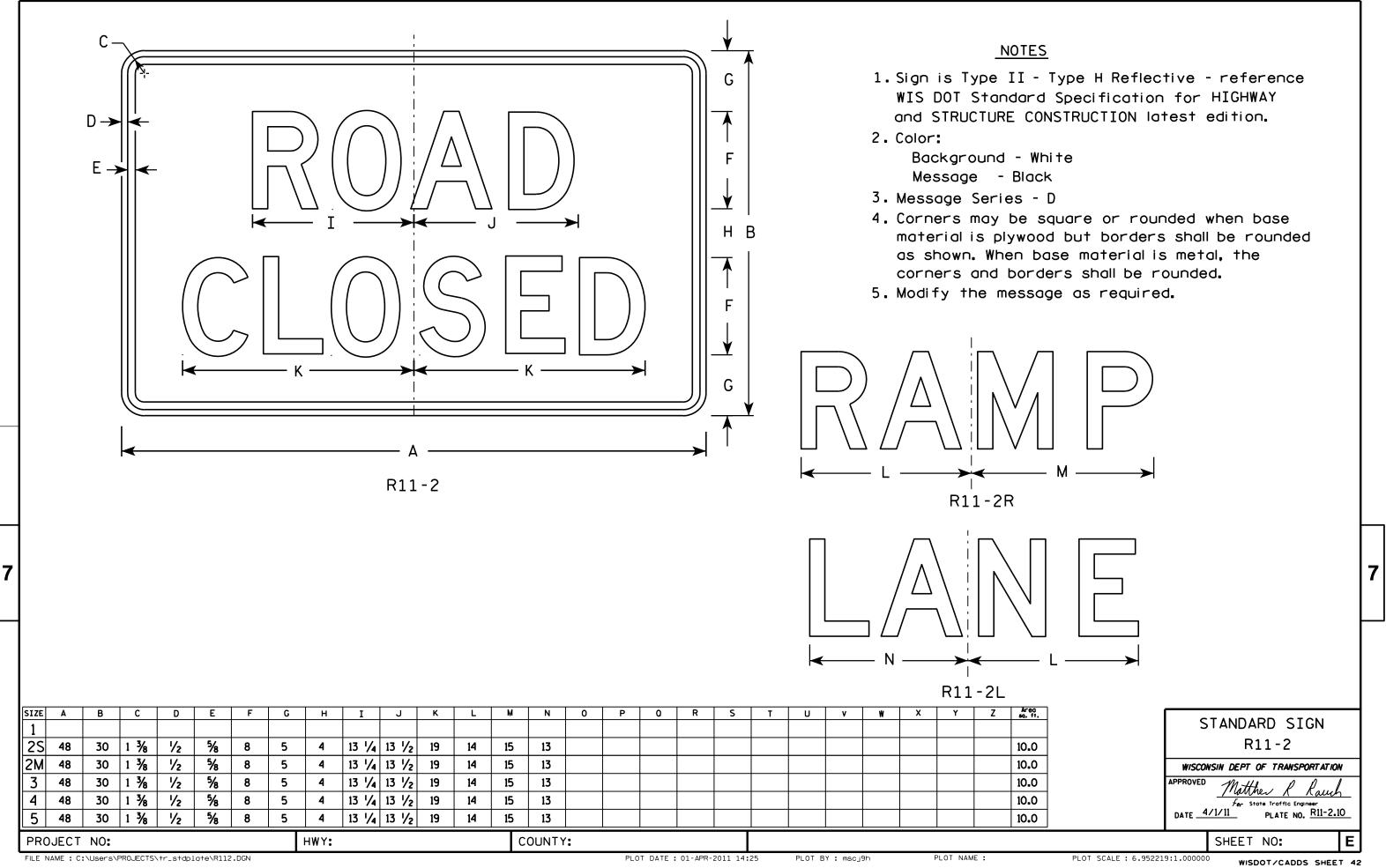
PLOT DATE : 02-NOV-2010 15:25

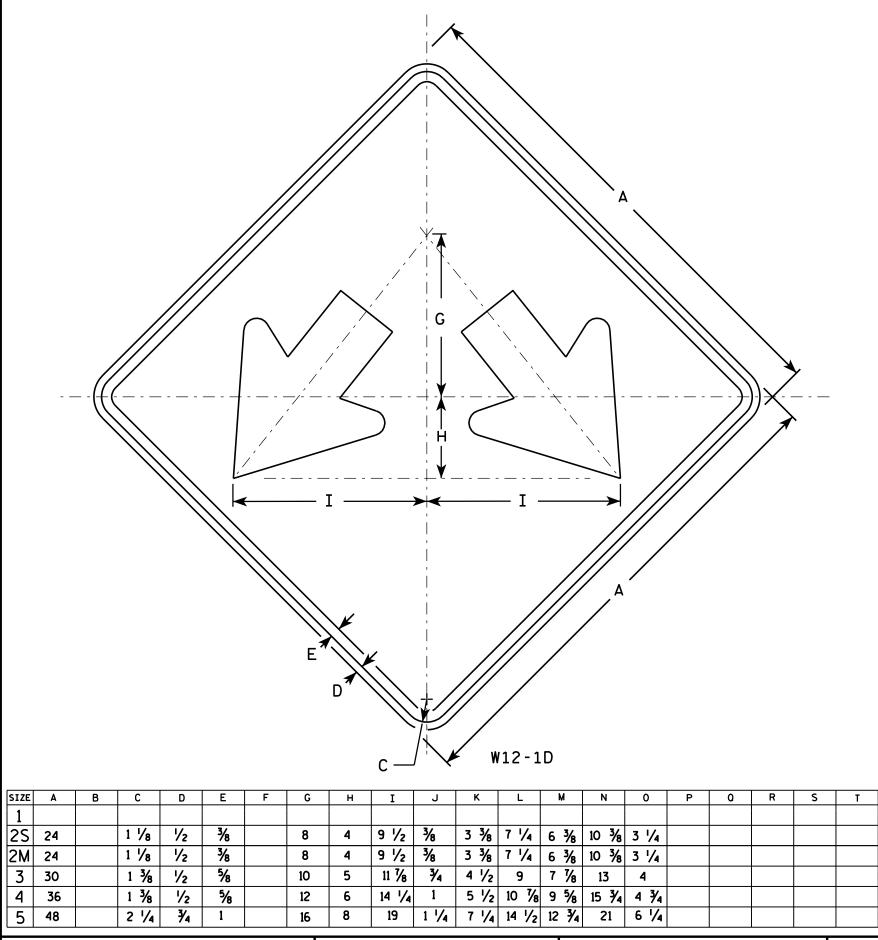
PLOT NAME : PLOT BY : ditjph

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded. 5. R6-2L same as R6-2R except arrow points

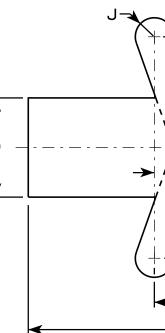
-	
Ζ	STANDARD SIGN
	R6-2 R&L
	WISCONSIN DEPT OF TRANSPORTATION
	APPROVED Matthew & Rauch For State Traffic Engineer
	DATE 11/2/10 PLATE NO. R6-2.8
	SHEET NO: E
PLOT SCALE : 4.	469282:1.000000 WISDOT/CADDS SHEET 42





NOTES

- 2. Color:
 - Background Yellow Message - Black



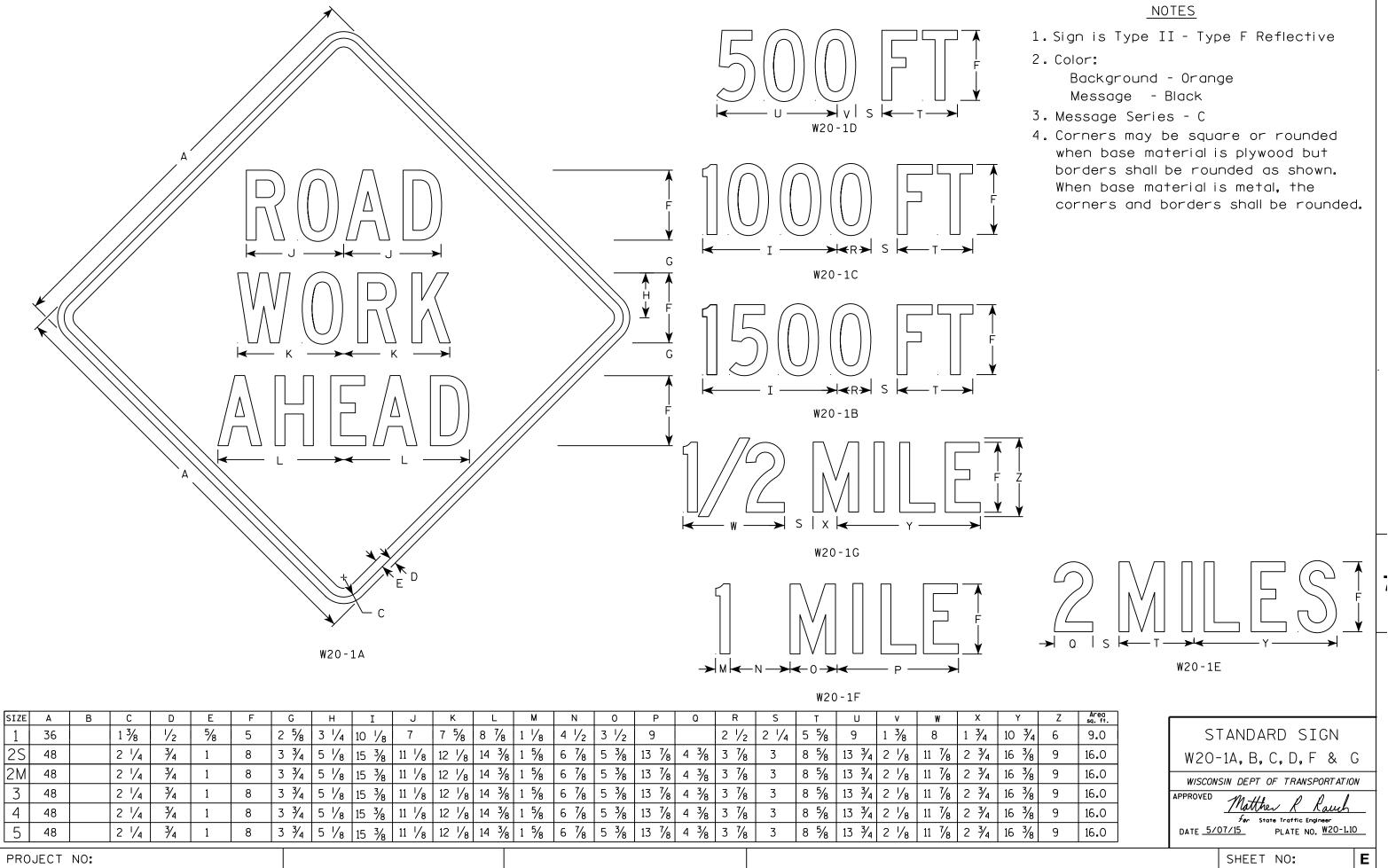
SIZE	Α	В	С	D	E	F	G	н	I	J	ĸ	L	м	N	0	Р	0	R	S	Т	U	v	W	x	Y	Z
1																										
2S	24		1 1/8	1/2	3∕8		8	4	9 ½	3∕8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4											
2M	24		1 1/8	1/2	3⁄8		8	4	9 1/2	3∕8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4											
3	30		1 3/8	1/2	5⁄8		10	5	11 7/8	3⁄4	4 1/2	9	7 7/8	13	4											
4	36		1 3/8	1/2	5⁄8		12	6	14 1/4	1	5 1/2	10 1/8	9 5%	15 ¾	4 ¾											
5	48		2 1/4	₹4	1		16	8	19	1 1/4	7 1/4	14 ½	12 3/4	21	6 1⁄4											

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W121D.DGN

7

PLOT DATE : 13-MAR-2013 13:26 PLOT BY : msc j9h PLOT NAME :

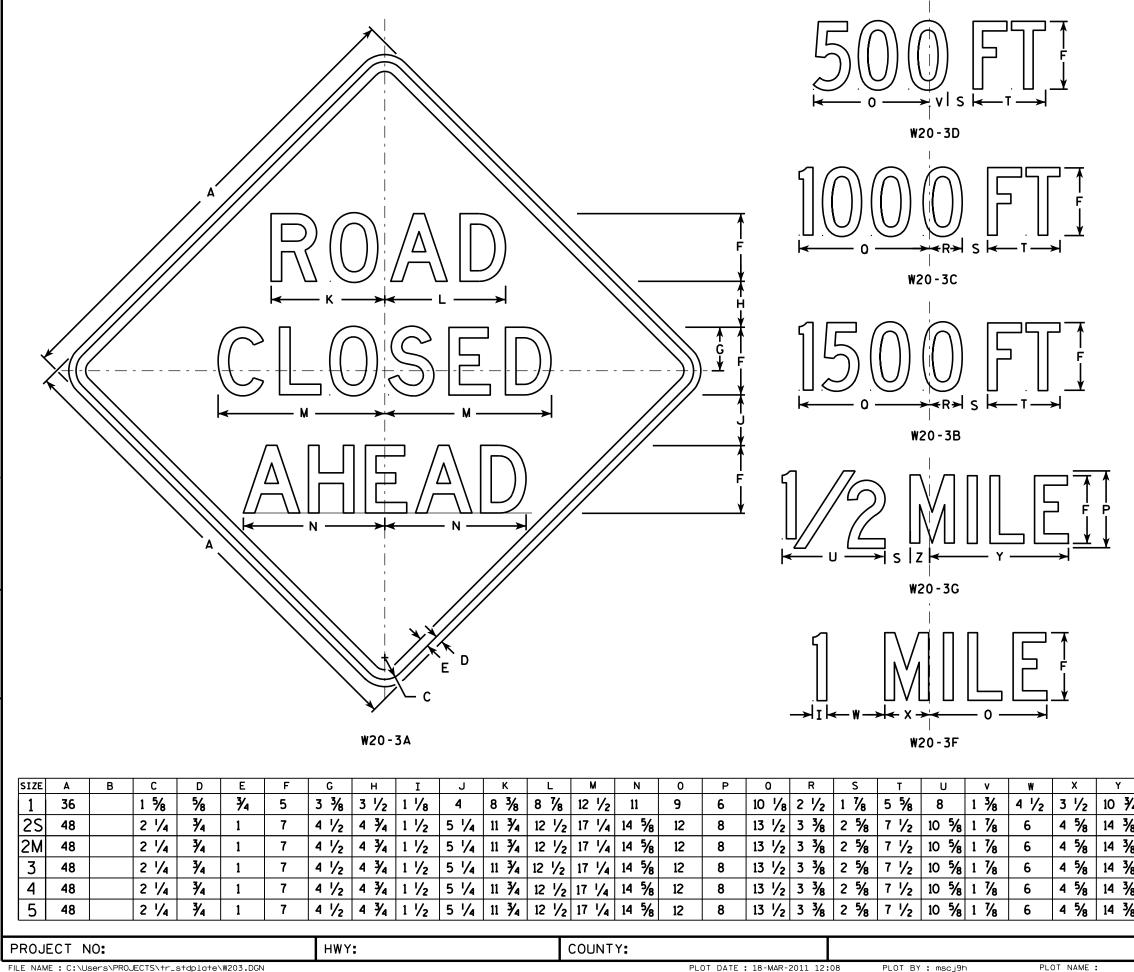
```
1. Sign is Type II - Type F Reflective - reference
   WIS DOT Standard Specification for HIGHWAY
  and STRUCTURE CONSTRUCTION latest edition.
3. Corners may be square or rounded when base
   material is plywood but borders shall be rounded
   as shown. When base material is metal, the
   corners and borders shall be rounded.
                    → / | ← J
                  Arrow Detail
                       Areo
sq. ft.
                                            STANDARD SIGN
                                                W12-1D
                        4.0
                        4.0
                                         WISCONSIN DEPT OF TRANSPORTATION
                        6.25
                                        APPROVED
                                                 Matther R Rauch
                        9.0
                                                  For State Traffic Engineer
                        16.0
                                        DATE 3/13/13 PLATE NO. W12-1D.15
                                                SHEET NO:
                                                                Ε
                              PLOT SCALE : 4.713802:1.000000
                                                   WISDOT/CADDS SHEET 42
```



FILE NAME · C·\CAEfiles\Projects\tr_stdplate\W201 DCN

7

PLOT BY . \$\$ plotuser \$\$



FILE NAME : C:\Users\PROJECTS\tr_stdplate\W203.DGN

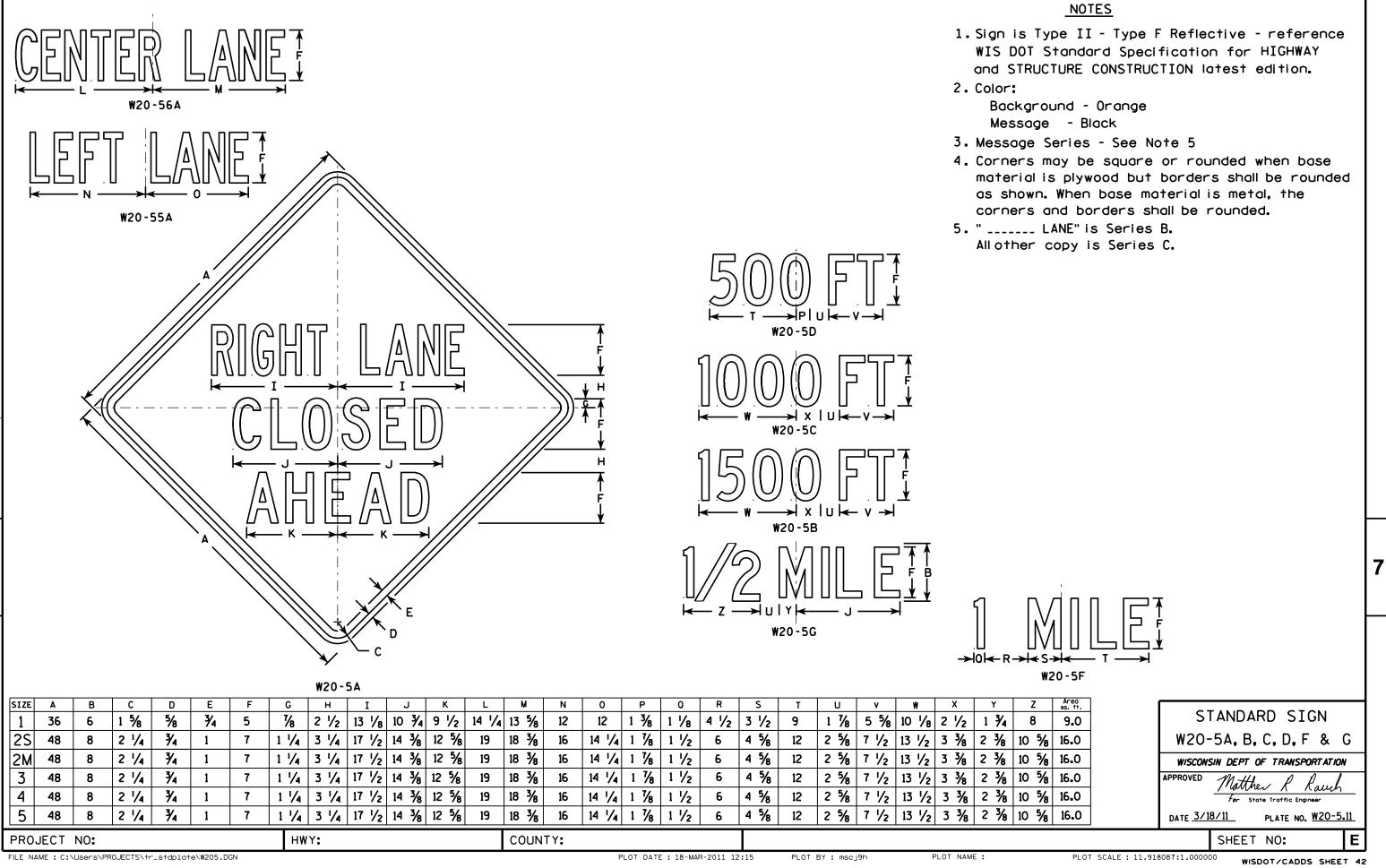
7

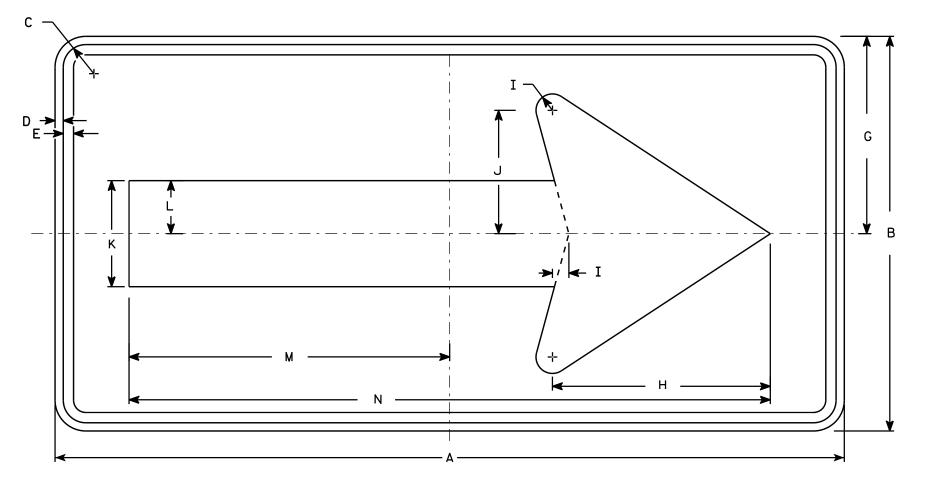
PLOT DATE : 18-MAR-2011 12:08

NOTES

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

	Z	Area sq. ft.]		
4	1 3⁄4	9.0		<u>ر</u>	TANDARD SIGN
3	2 3/8	16.0			
,	2 3/8	16.0		W20-	-3A, B, C, D, F & G
,	2 3/8	16.0			ISIN DEPT OF TRANSPORTATION
3	2 3/8	16.0		APPROVED	Matther R Rauch
3	2 3/8	16.0]	DATE <u>3/1</u>	For State Traffic Engineer B/11 PLATE NO. W20-3.7
					SHEET NO: E
		PLOT S	SCALE : 9.93173	9:1.000000	WISDOT/CADDS SHEET 42







SIZE	Α	В	С	D	E	F	G	н	I	J	К	L	M	N	0	P	0	R	S	Т	U	v	W	X	Y
1																									1
2S	48	24	1 3/8	1/2	5%8		12	13 1⁄4	1	7 1/2	6 ¹ /2	3 1/4	19 1⁄2	39											
2M	48	24	1 3/8	1/2	5%		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39											
3	60	30	1 3/8	1/2	5%		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 ¾											
4	60	30	1 3/8	1/2	5⁄8		15	16 1⁄4	1 1/4	9 1/4	8	4	24 3/8	48 ¾											
5	60	30	1 3/8	1/2	5%		15	16 1⁄4	1 1/4	9 1/4	8	4	24 3/8	48 ¾											
PRC	JECT	NO:					ни	VY:					COUN	ΤΥ:											
FILE N	AME : C:	\CAEfile	s\Project	s\tr_std	plate\W01	L6.DGN									I	PLOT DAT	E : 28-FE	3-2014 11	:37	PLOT I	BY : mscj	j9h	P	PLOT NAME	. :

- 2. Color:
 - Message Black

7

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN

NOTES

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

Background - Orange

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.

Z	Areg sq. ft.	STANDARD SIGN
	8.0	W01-6
	8.0	WISCONSIN DEPT OF TRANSPORTATION
	12.5	APPROVED Matthew & Rauch
	12.5	For State Traffic Engineer
	12.5	DATE <u>11/18/13</u> PLATE NO. <u>WO1-6.1</u>
		SHEET NO: E

$ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	

- 2. Color:
 - Background Orange Message – Black

SIZE	Α	В	С	D	E	F	G	Н	I	J	к	L	м	N	0	Р	0	R	S	Т	U	v	W	X	Y	
1	36		1 5/8	5⁄8	3⁄4	12	4	45°	1	1 3⁄4	5	3	1 1/2													
2S	48		2 1⁄4	3⁄4	1	16	5 3/8	45°	1 1⁄4	2 3/8	6 3⁄4	4	2													
2M	48		2 1/4	3⁄4	1	16	5 3/8	45°	1 1⁄4	2 3/8	6 3⁄4	4	2													
3	48		2 1/4	3⁄4	1	16	5 3/8	45°	1 1⁄4	2 3/8	6 3⁄4	4	2													Γ
4	48		2 1/4	3⁄4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3⁄4	4	2													Γ
5	48		2 1/4	3⁄4	1	16	5 3/8	45 [°]	1 1/4	2 3/8	6 3⁄4	4	2													
																										-
PRO	JECT	NO:																								

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W042.DGN

7

NOTES

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

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

4. W04-2L is the same as W04-2R except the symbolis reversed along the vertical centerline.

Z	Areo sq. ft.	STANDARD SIGN
	9.0	WO4-2
	16.0	W04-2
	16.0	WISCONSIN DEPT OF TRANSPORTATION
	16.0	APPROVED Matthew & Rauch
	16.0	ForState Traffic Engineer
	16.0	DATE 11/20/13 PLATE NO. W04-2.1
		SHEET NO: E

			AREA (SF)) Ir	ncremental Vol (CY) (Unadjus	ted) Cur	nulative Vol (CY)	
STATI ON	Real Station	Distance	Cut	Fill	Cut Note 1	Fill Note 3	Cut 1.00 Note 1	Expanded Fill 1.25	Mass Ordinate
129+27.01(1)	12927.01	0.00	0.00	0.00	0	0	0	0	0.00
129+50(1)	12950.00	22.99	9.41	3. 15	4	1	4	2	2.33
130+00(1)	13000.00	50.00	10. 09	7.52	18	10	22	14	8.05
130+50(1)	13050.00	50.00	13. 19	0. 03	22	7	44	23	20.86
131+00(1)	13100.00	50.00	17. 24	0.00	28	0	72	23	49.00
131+50(1)	13150.00	50.00	28. 10	0.00	42	0	114	23	90. 98
132+00(1)	13200.00	50.00	34.75	0.00	58	0	172	23	149.17
132+50(1)	13250.00	50.00	36. 19	0.00	66	0	238	23	214.85
133+00(1)	13300.00	50.00	25. 19	0.00	57	0	294	23	271.69
133+50(1)	13350.00	50.00	14. 73	0.00	37	0	331	23	308.66
134+00(1)	13400.00	50.00	15. 29	0.00	28	0	359	23	336.44
134+50(1)	13450.00	50.00	17.84	0.00	31	0	390	23	367.11
135+00(1)	13500.00	50.00	20. 73	0.00	36	0	426	23	402.83
135+50(1)	13550.00	50.00	23.09	0.00	41	0	466	23	443.40
136+00(1)	13600.00	50.00	0.00	0.00	21	0	488	23	464.78
136+50(1)	13650.00	50.00	0.00	0.00	0	0	488	23	464.78
137+00(1)	13700.00	50.00	0.00	0.00	0	0	488	23	464.78
137+50(1)	13750. 00	50.00	20. 08	0.00	19	0	506	23	483.38
138+00(1)	13800.00	50.00	19. 43	0.00	37	0	543	23	519.96
138+50(1)	13850.00	50.00	19. 11	0.00	36	0	578	23	555.64
139+00(1)	13900.00	50.00	24.87	0.00	41	0	619	23	596.37
139+50(1)	13950.00	50.00	29. 92	0.00	51	0	670	23	647.10
140+00(1)	14000.00	50.00	33. 92	0.00	59	0	729	23	706. 21
140+50(1)	14050.00	50.00	33. 93	0.00	63	0	792	23	769.03
141+00(1)	14100.00	50.00	24.60	0.00	54	0	846	23	823. 21
141+50(1)	14150.00	50.00	15. 39	0. 21	37	0	883	23	859.99
142+00(1)	14200.00	50.00	7.78	0.84	21	1	904	24	880. 22
42+24.64(1)	14224.64	24.64	4.38	1. 25	6	1	910	25	884.57

20

910

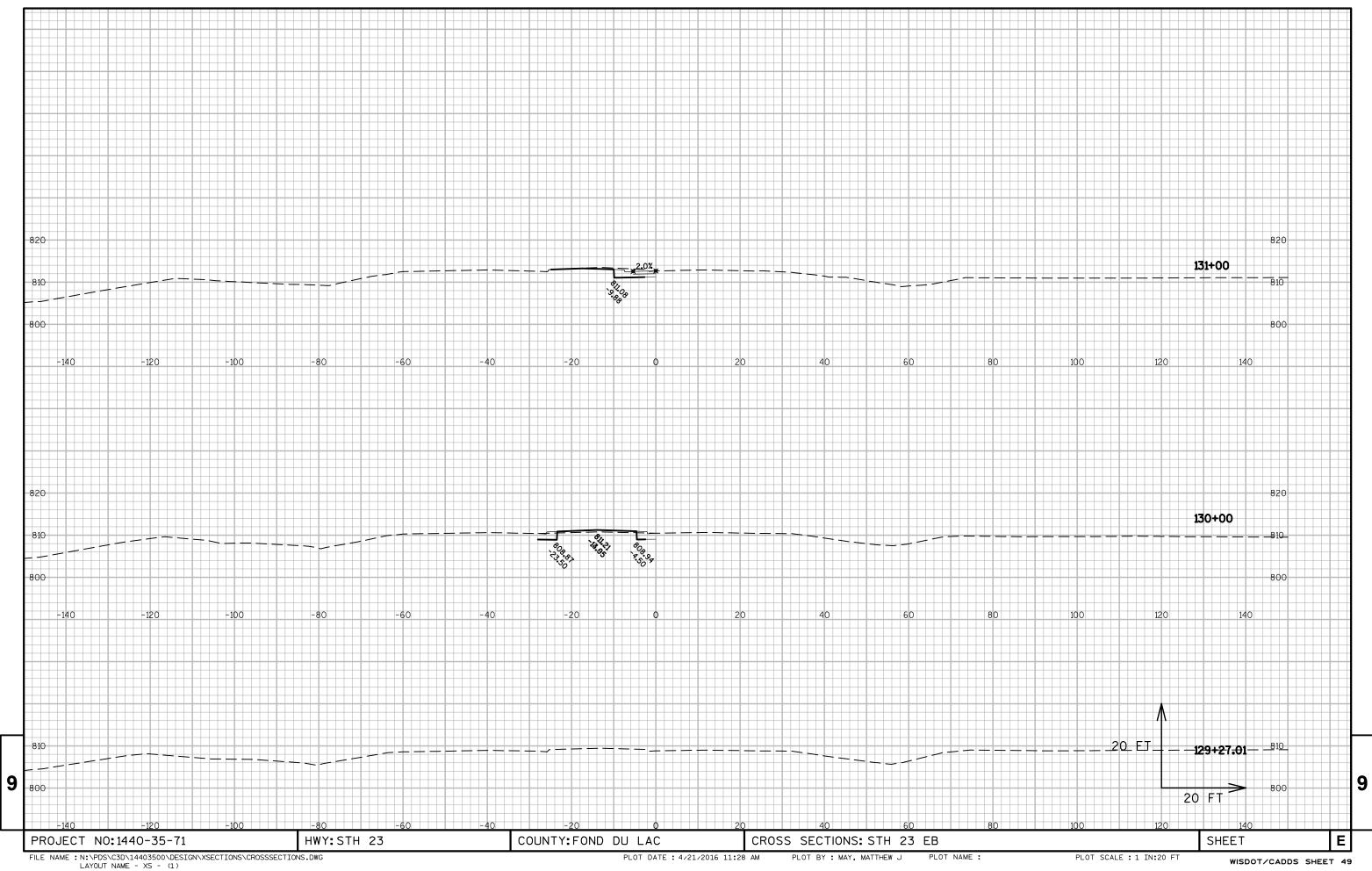
Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	Does not include Unusable Pavement Exc volume

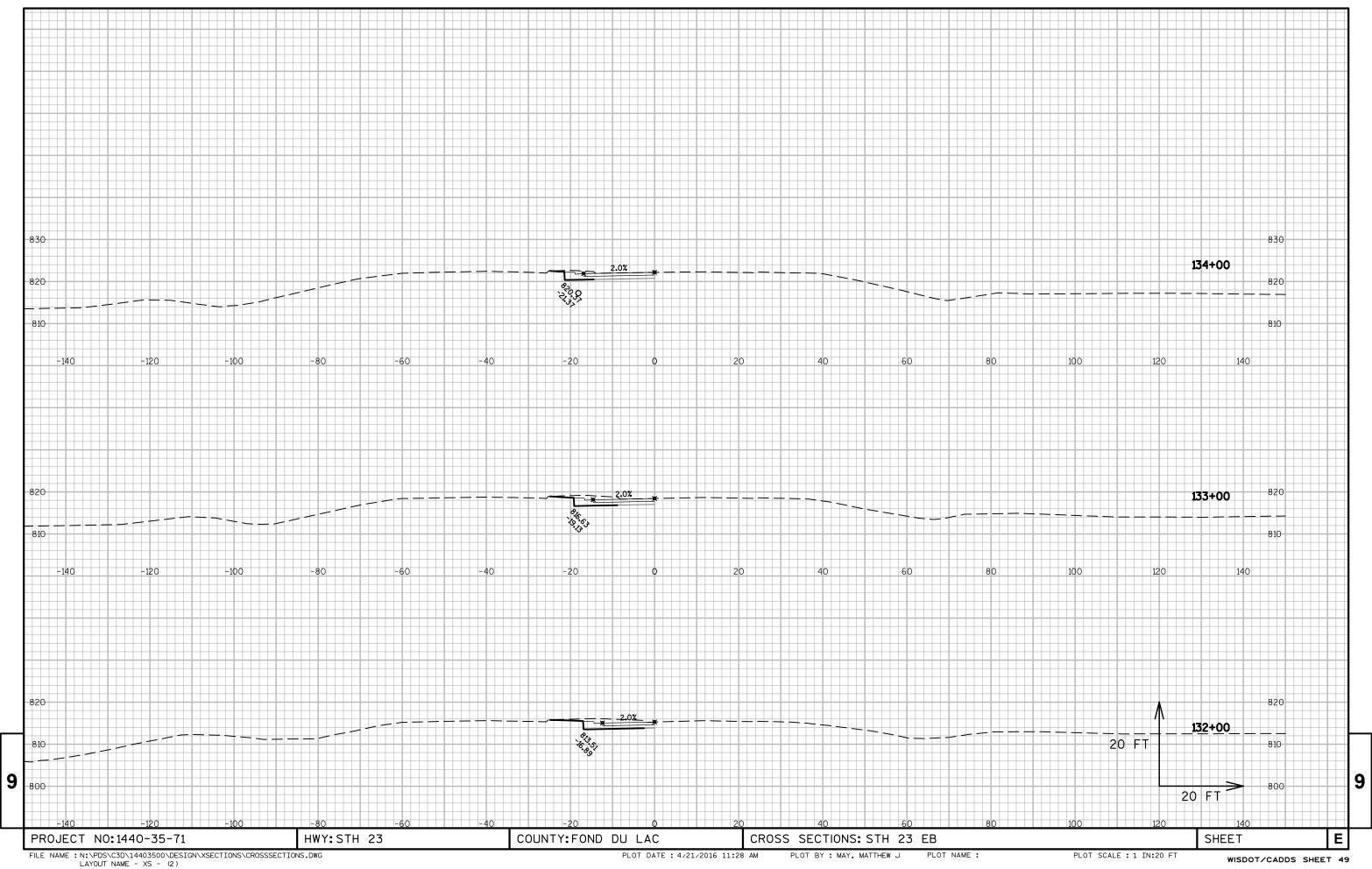
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		PLOT DATE :	PLOT BY : M. MAY	PLOT NAME :

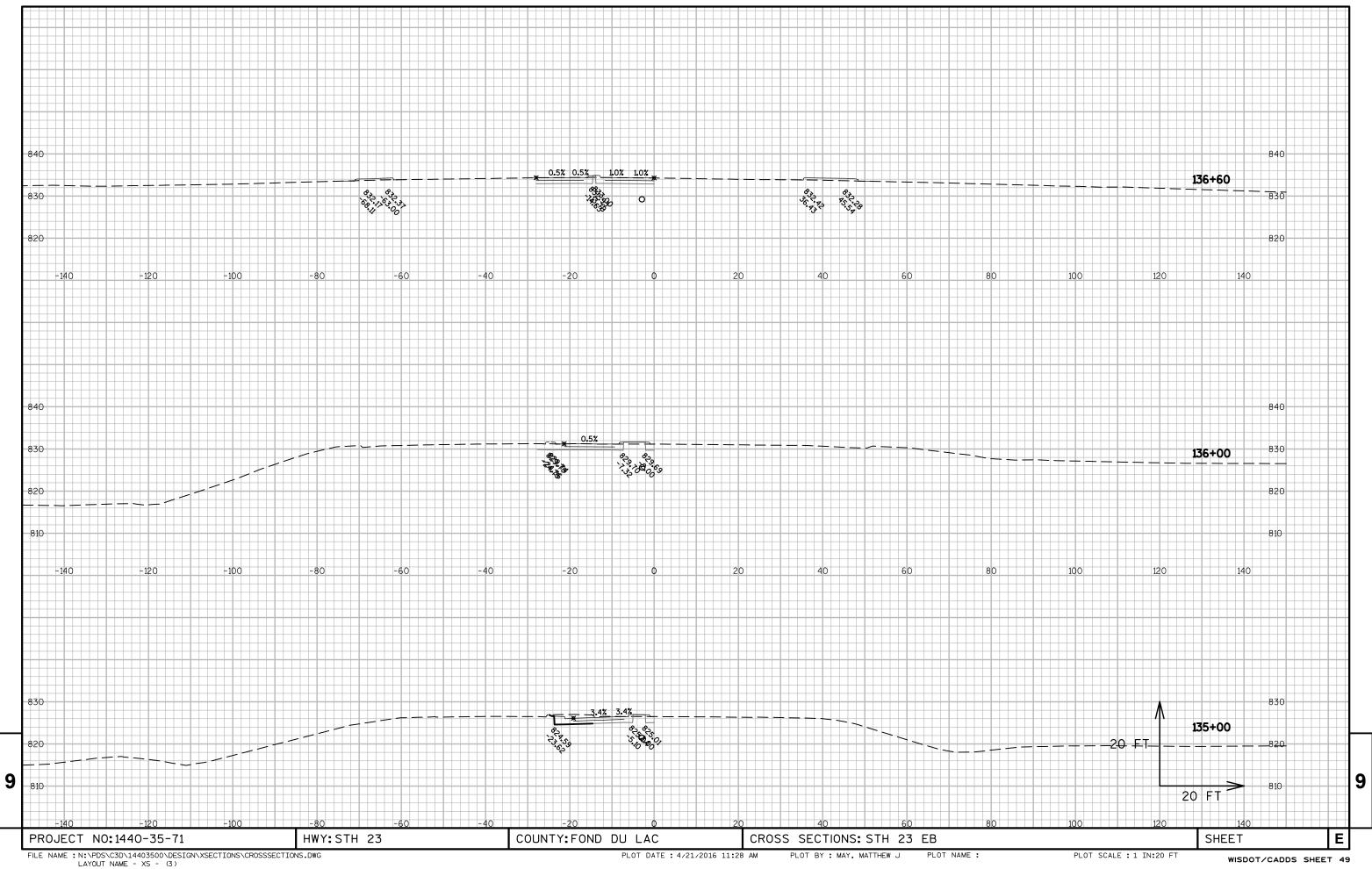
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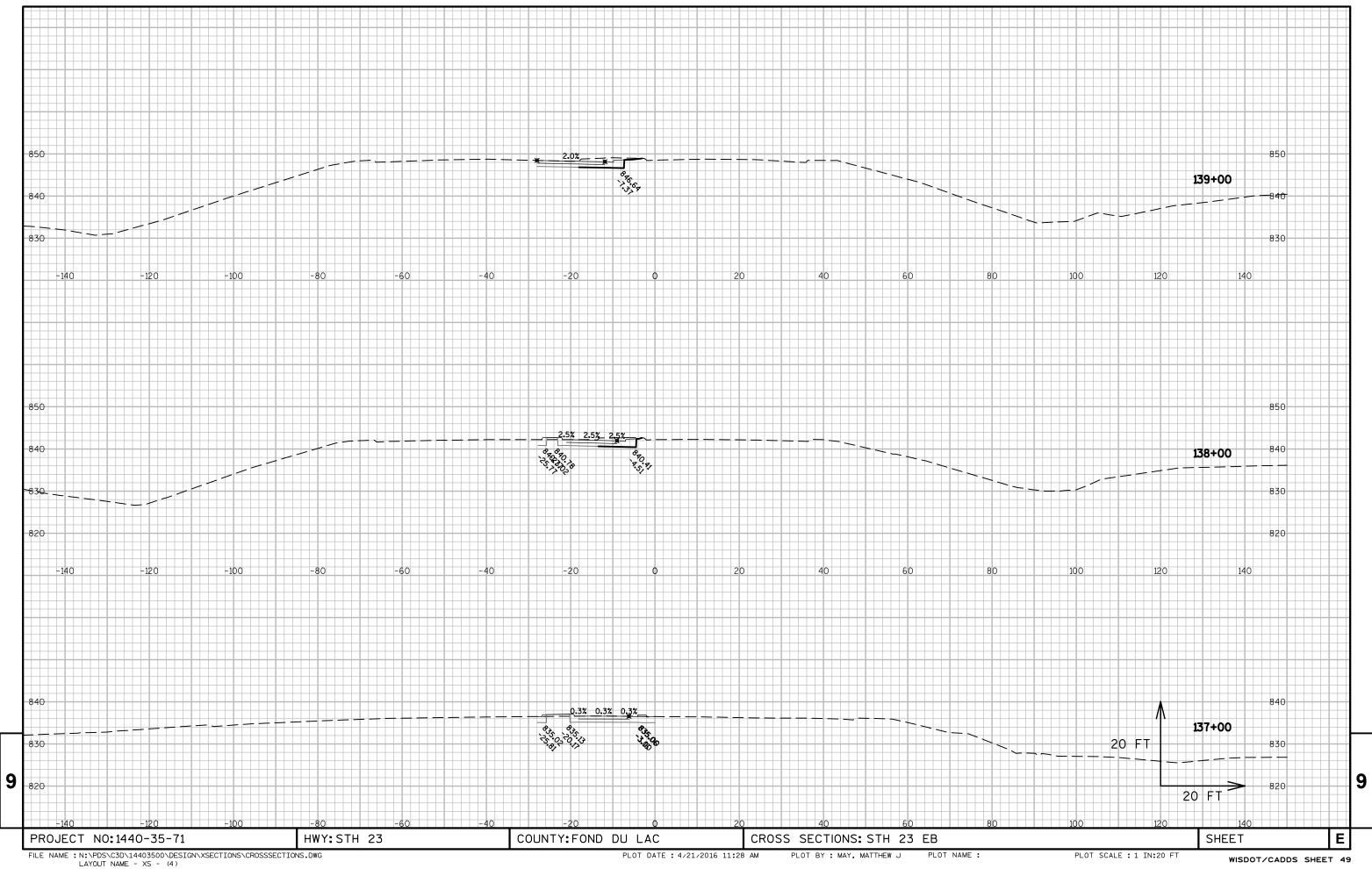
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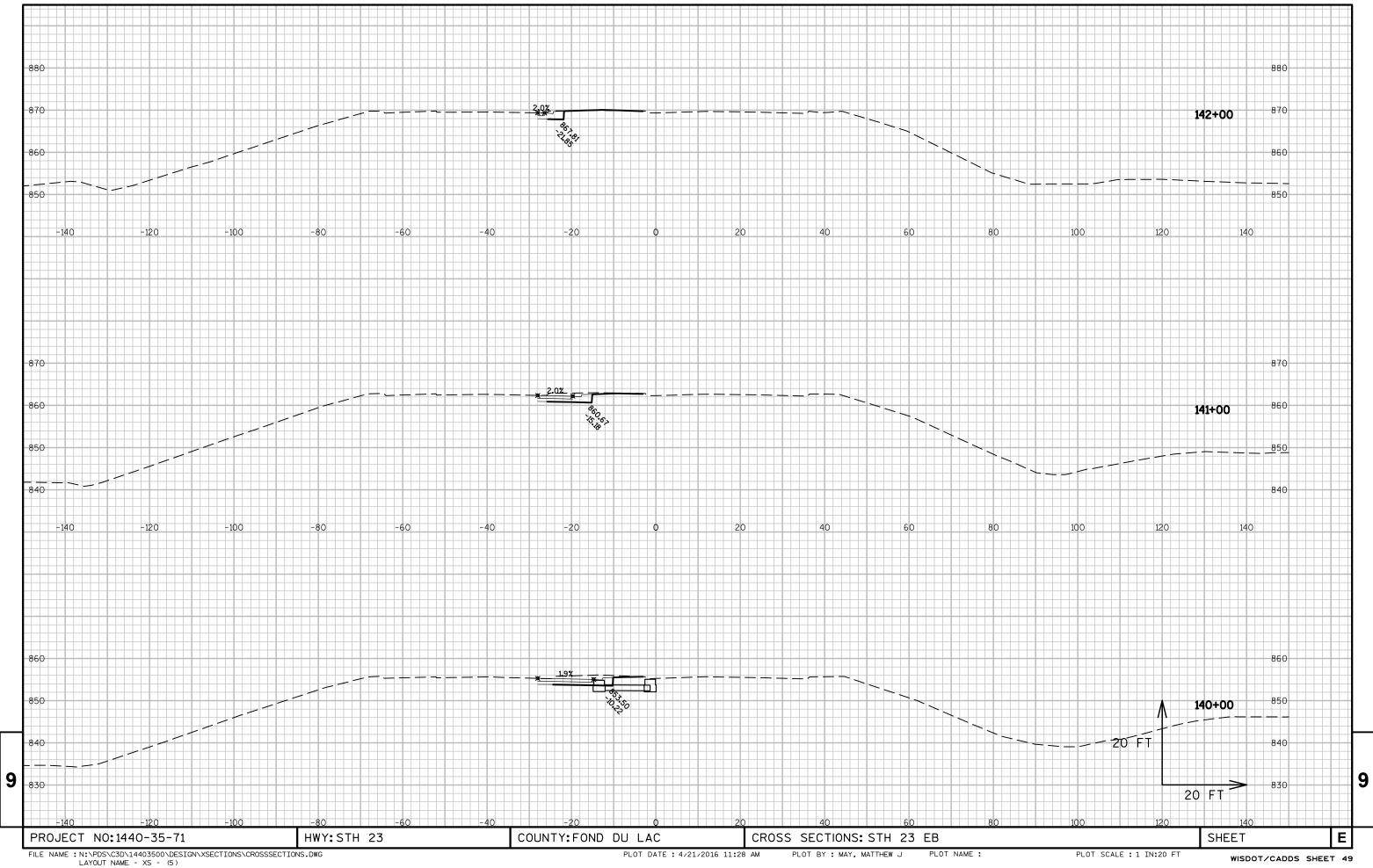
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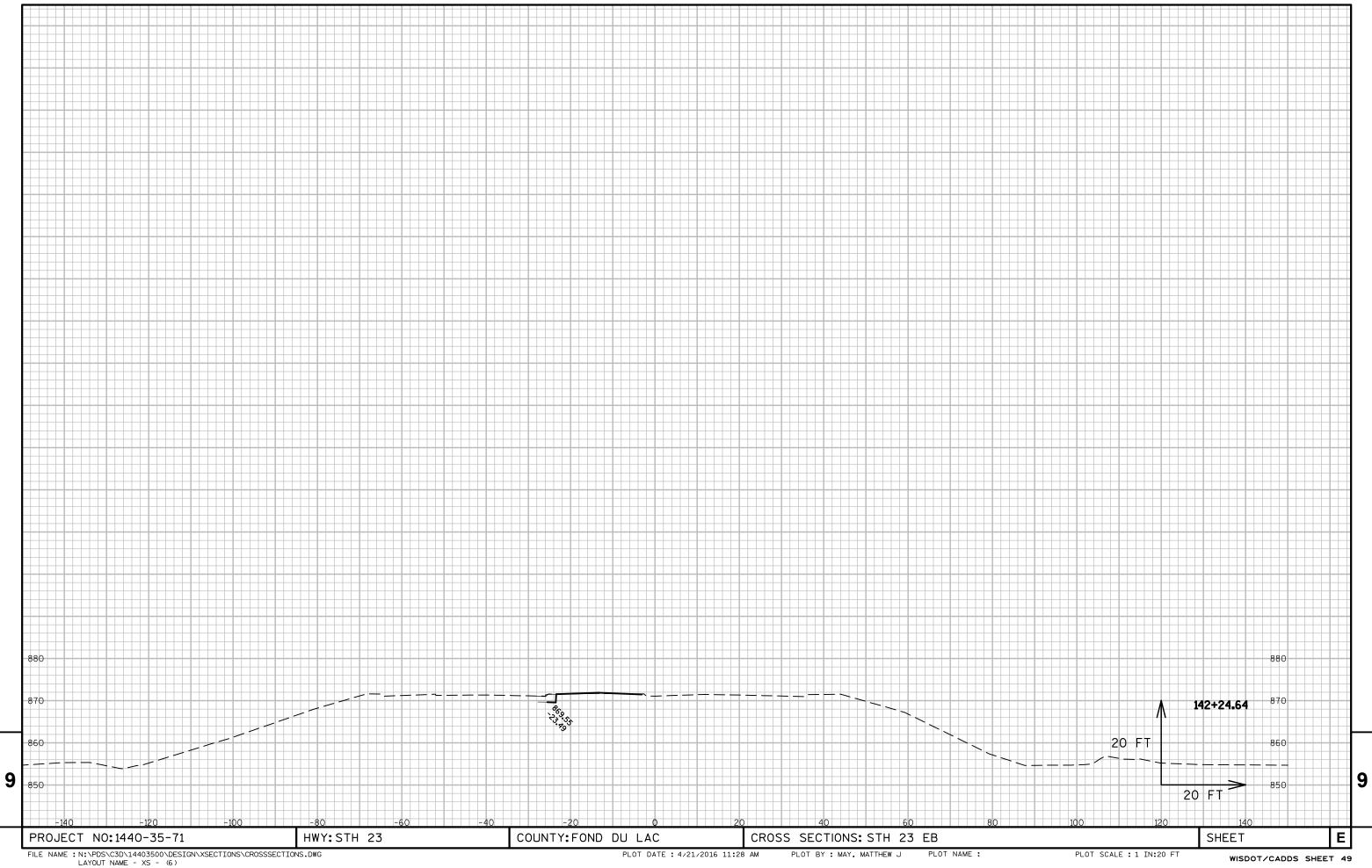




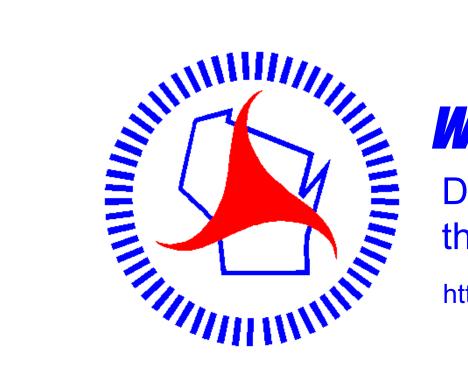








Notes



Wisconsin Department of Transportation

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