ORDER OF SHEETS PROJECT WITH: N/A Section No. 1 Section No. 2 5 9 86-04-TOTAL SHEETS = 30 DESIGN DESIGNATION A.A.D.T. A.A.D.T. D.H.V. D.D. DESIGN SPEED ESALS W CONVENTIONAL SYMBOLS ROWN PLAN CORPORATE LIMITS PROPERTY LINE LOT LINE LIMITED HIGHWAY EASEMENT EXISTING RIGHT OF WAY PROPOSED OR NEW R/W LINE SLOPE INTERCEPT REFERENCE LINE EXISTING CULVERT PROPOSED CULVERT (Box or Pipe) COMBUSTIBLE FLUIDS MARSH AREA WOODED OR SHRUB AREA

(2015) = 1,700

(2035) = 2,500

= 273

= 60/40

= 6.2%

= 30/45

PROFILE

GRADE LINE

ORIGINAL GROUND

SPECIAL DITCH

UTILITIES

ELECTRIC

GAS

FIBER OPTIC

SANITARY SEWER

UTILITY PEDESTAL

TELEPHONE POLE

STORM SEWER

TELEPHONE

POWER POLE

GRADE ELEVATION

MARSH OR ROCK PROFILE

CULVERT (Profile View)

(To be noted as such)

= N/A

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION Typical Sections and Details Estimate of Quantities Miscellaneous Quantities

FEDERAL PROJECT STATE PROJECT PROJECT CONTRACT WISC 2015431 9286-04-71

PLAN OF PROPOSED IMPROVEMENT

HOBART,

COUNTY LINE RD - HILLCREST DR

CTH J **BROWN COUNTY**

> STATE PROJECT NUMBER 9286-04-71

END PROJECT STA. 216+88.04 Y = 575960.358 X = 69795.334 BEGIN PROJECT STA. 6+11.94 Y = 563184.668 X = 54094.921 LAYOUT SCALE L HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, BROWN COUNTY, NAD83 (1991), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID TOTAL NET LENGTH OF CENTERLINE = 3.992 DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ACCEPTED FOR BROWN COUNTY

ORIGINAL PLANS PREPARED BY

PUBLIC WORKS DEPARTMENT

Sept SCON STATE INICHOLAS S. **UITENEROEK** E-39797 GREEN BAY, WI

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

Surveyor

Designer

BROWN COUNTY BROWN COUNTY

SEH, INC.

APPROVED FOR THE DEPARTMENT

FILE NAME : X:\HIGHWAYS\CTH J\J-22\ACAD FILES\SHEETS PLAN\010101-TI.DWG

Standard Detail Drawings

Sign Plates

PLOT DATE : 1/12/2015 6:11 PM

PLOT BY : UITENBROEK, NICHOLASPSOT NAME :

WISDOT/CADDS SHEET 10

E

2

2

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS, AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED BEFORE EXCAVATION.

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE FIRST BEEN INDICATED FOR REMOVAL BY THE ENGINEER IN THE FIELD.

UTILITY OWNERS

AT&T DISTRIBUTION
JOE KASSAB
205 SOUTH JEFFERSON STREET
GREEN BAY, WI 54301
(920) 735-3206
JK572K@ATT.COM

CENTRAL BROWN COUNTY WATER AUTHORITY ROBERT MICHAELSON 1303 S. 8TH STREET MANITOWOC, WI 54221 (920) 686-4354 RMICHAELSON@MPU.ORG

ONEIDA UTILITIES DEPARTMENT SCOTT COTRELL 3783 W. MASON STREET ONEIDA, WI 54155 (920) 562-2911 SCOTTREL@ONEIDANATION.ORG

VILLAGE OF HOBART JERRY LANCELLE 2990 S. PINE TREE ROAD HOBART, WI 54155 (920) 869-3807 JERRY@HOBART-WI.ORG AT&T TRANSMISSION CARL DONAHUE 866 ROCK CREEK ROAD PLANO, IL 60545 (630) 552-4677 CD8729@ATT.COM

NSIGHT TELESERVICES
RICK VINCENT
450 SECURITY BLVD PO BOX 199079
GREEN BAY, WI 54307
(920) 617-7316
RICK,VINCENT@NSIGHT.COM

TIME WARNER
VINCE ALBIN
3520 E. DESTINATION DRIVE
APPLETON, WI 54915
(920) 831-9249
VINCE.ALBIN@TWCABLE.COM

WISCONSIN PUBLIC SERVICE
JEFF HENKELMANN
2850 S. ASHLAND AVENUE
GREEN BAY, WI 54304
(920) 617-2757
JPHENKELMANN@WISCONSINPUBLICSERVICE.COM



<u>WISCONSIN DEPARTMENT</u> <u>OF NATURAL RESOURCES (WDNR)</u>

JIM DOPERALSKI 2984 SHAWANO AVENUE GREEN BAY, WI 54313 (920) 662-5119 JAMES.DOPERALSKI@WISCONSIN.GOV

PROJECT NO:9286-04-71 HWY:CTH J COUNTY:BROWN GENERAL NOTES SHEET E

FILE NAME : X:\HIGHWAYS\CTH J\J-22\ACAD FILES\SHEETS PLAN\020101-GN.DWG

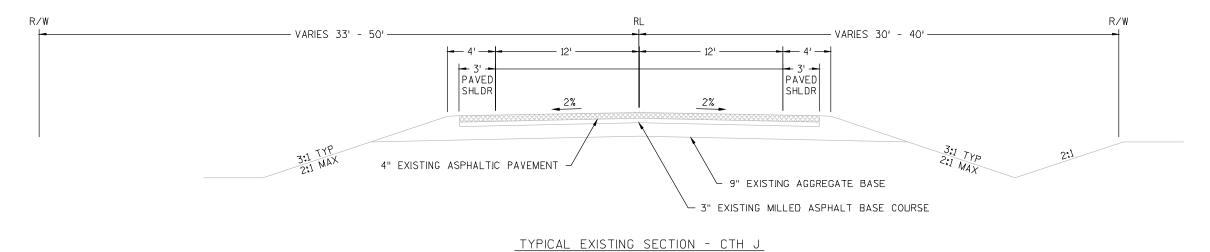
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PLOT BY : UITENBROEK, NICHOLASPSOT NAME : PLOT SCALE : ***********

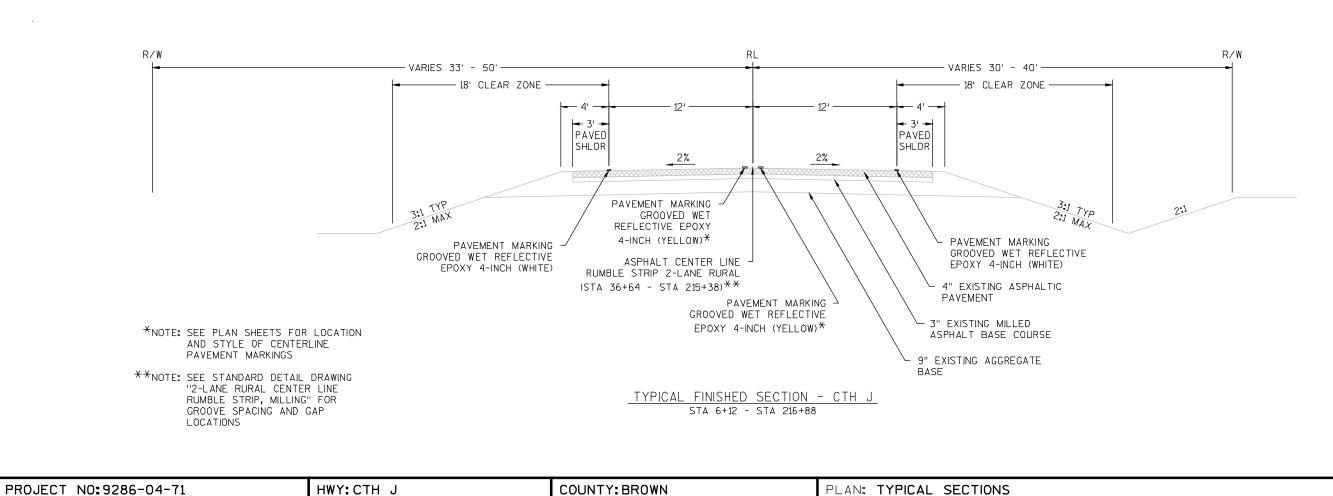
WISDOT/CADDS SHEET 42





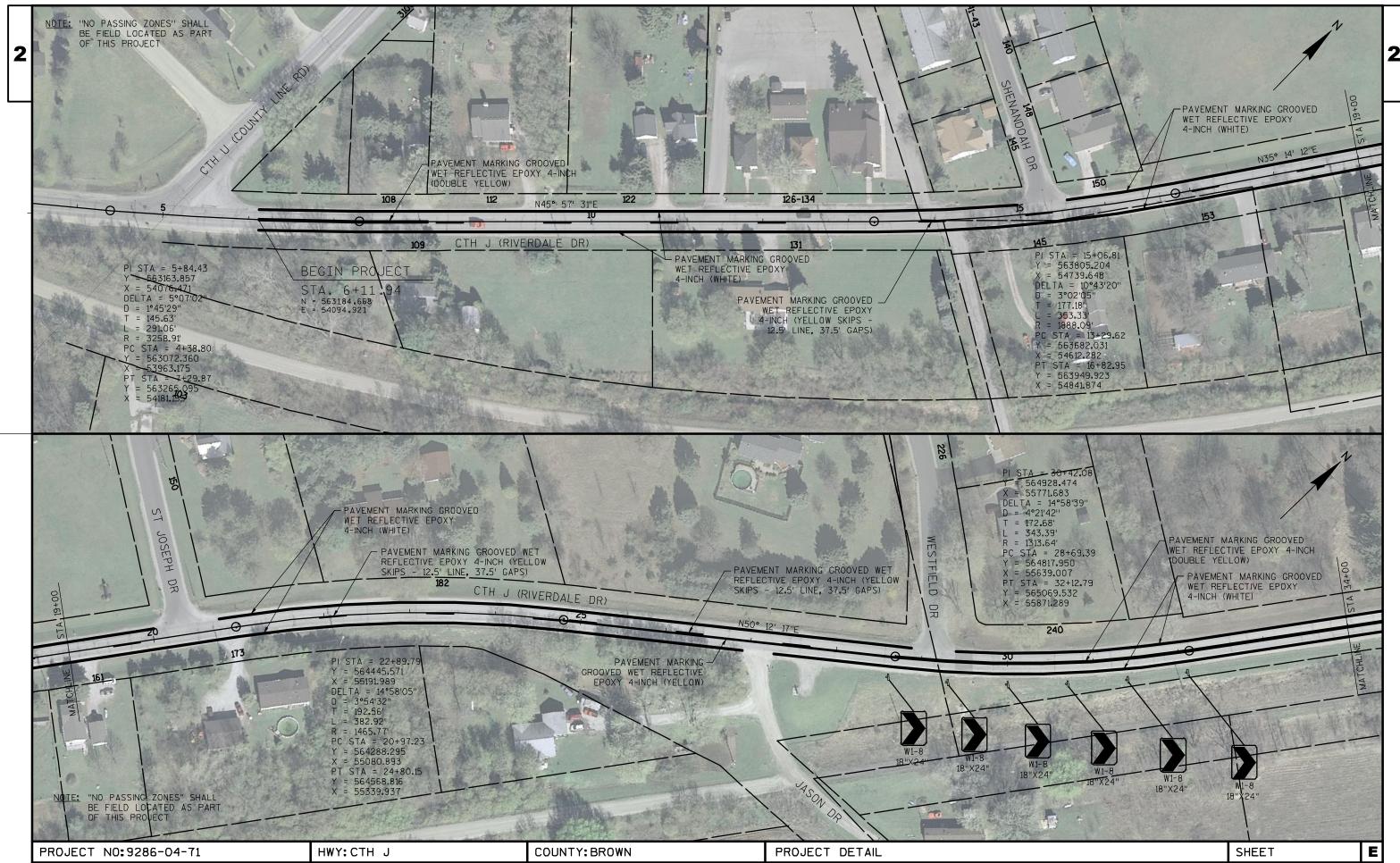
STA 6+12 - STA 216+88

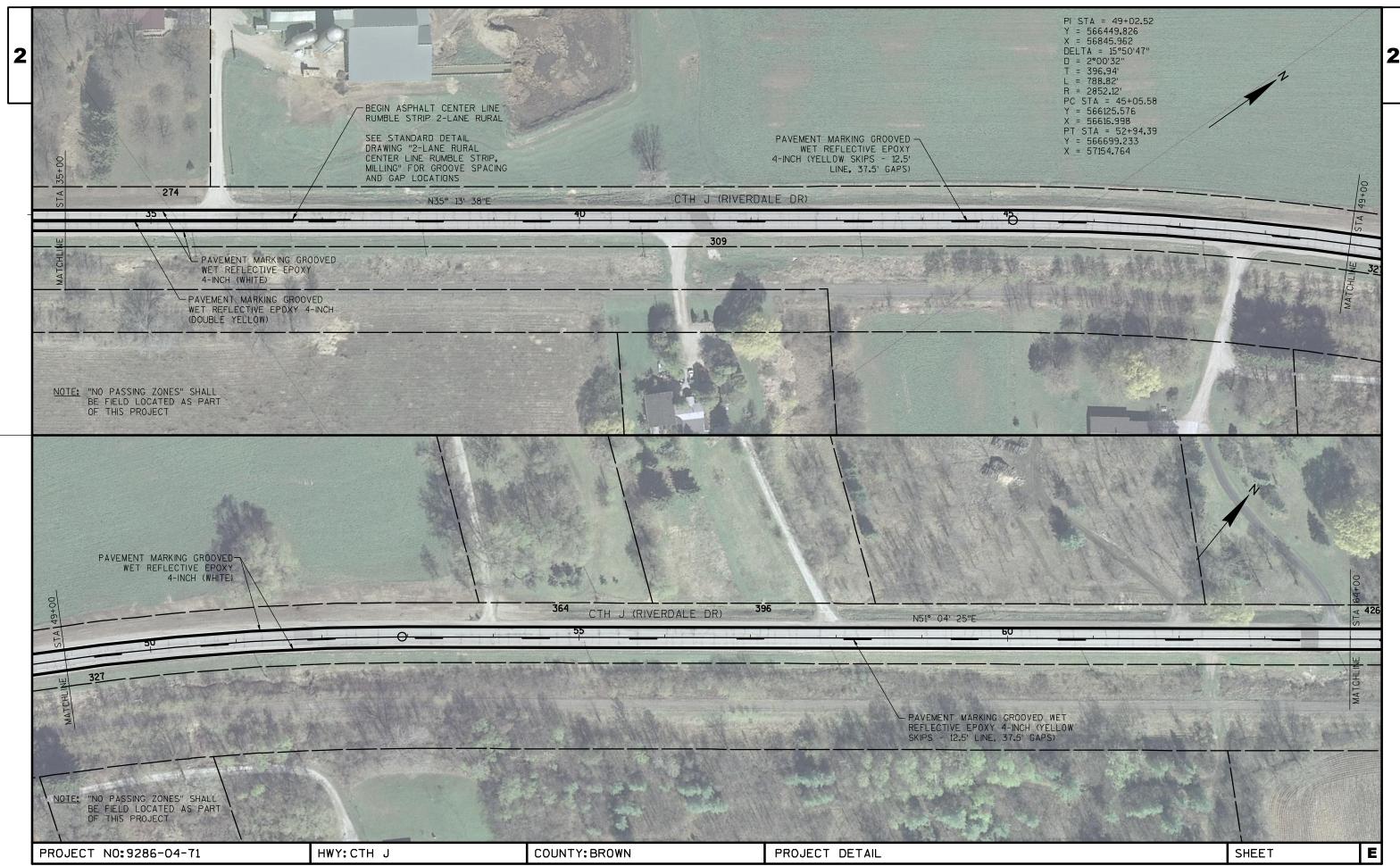


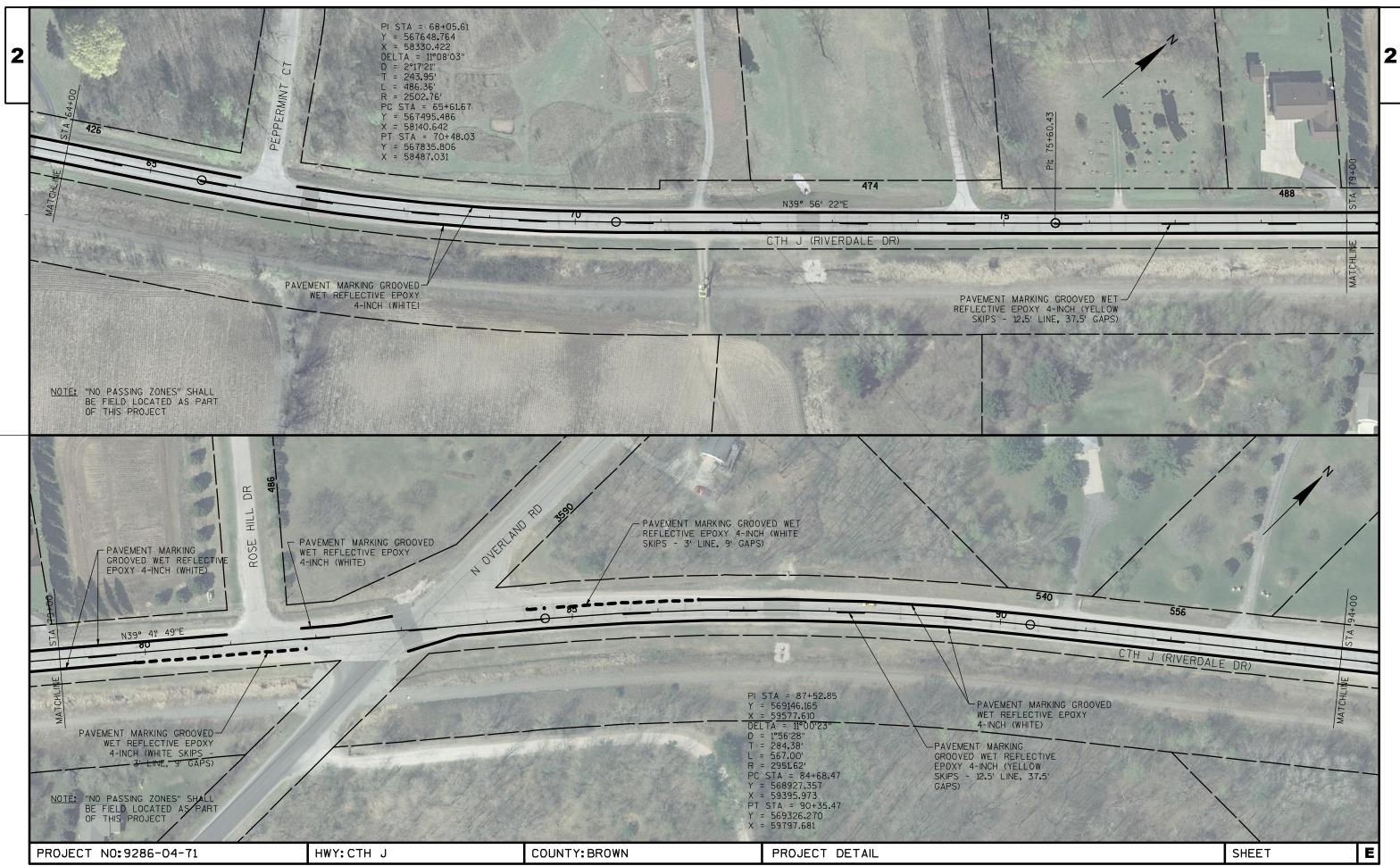


SHEET

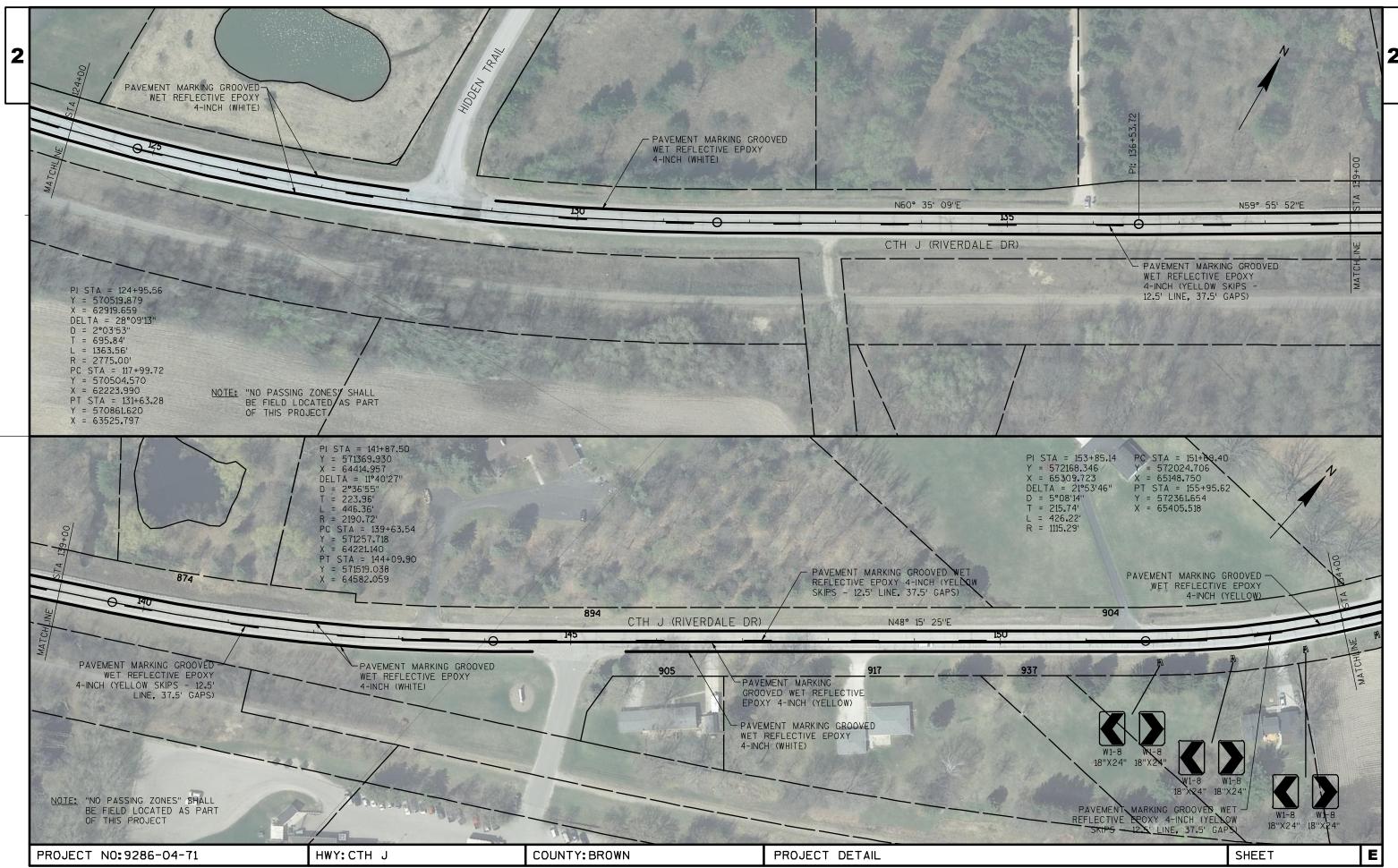
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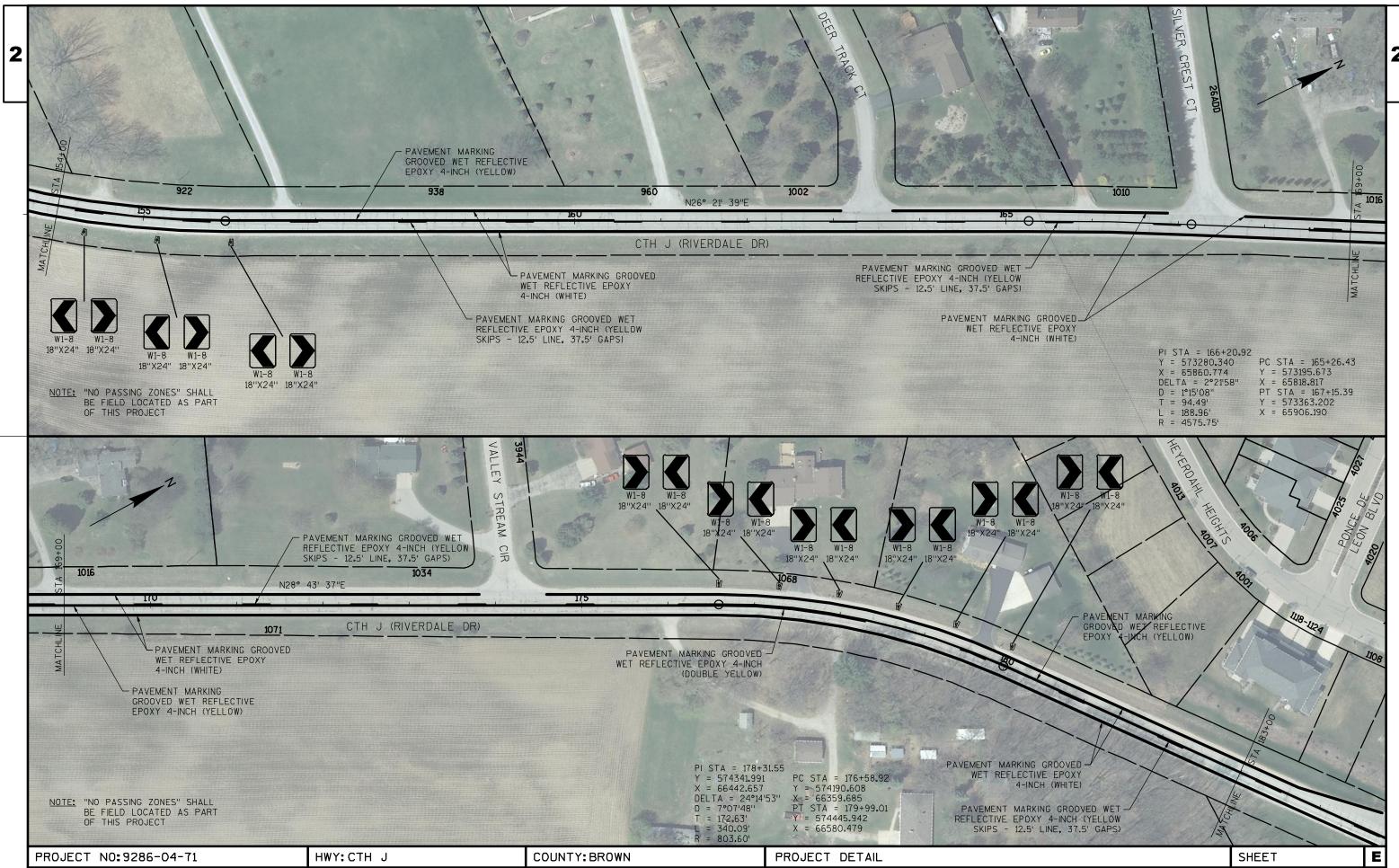


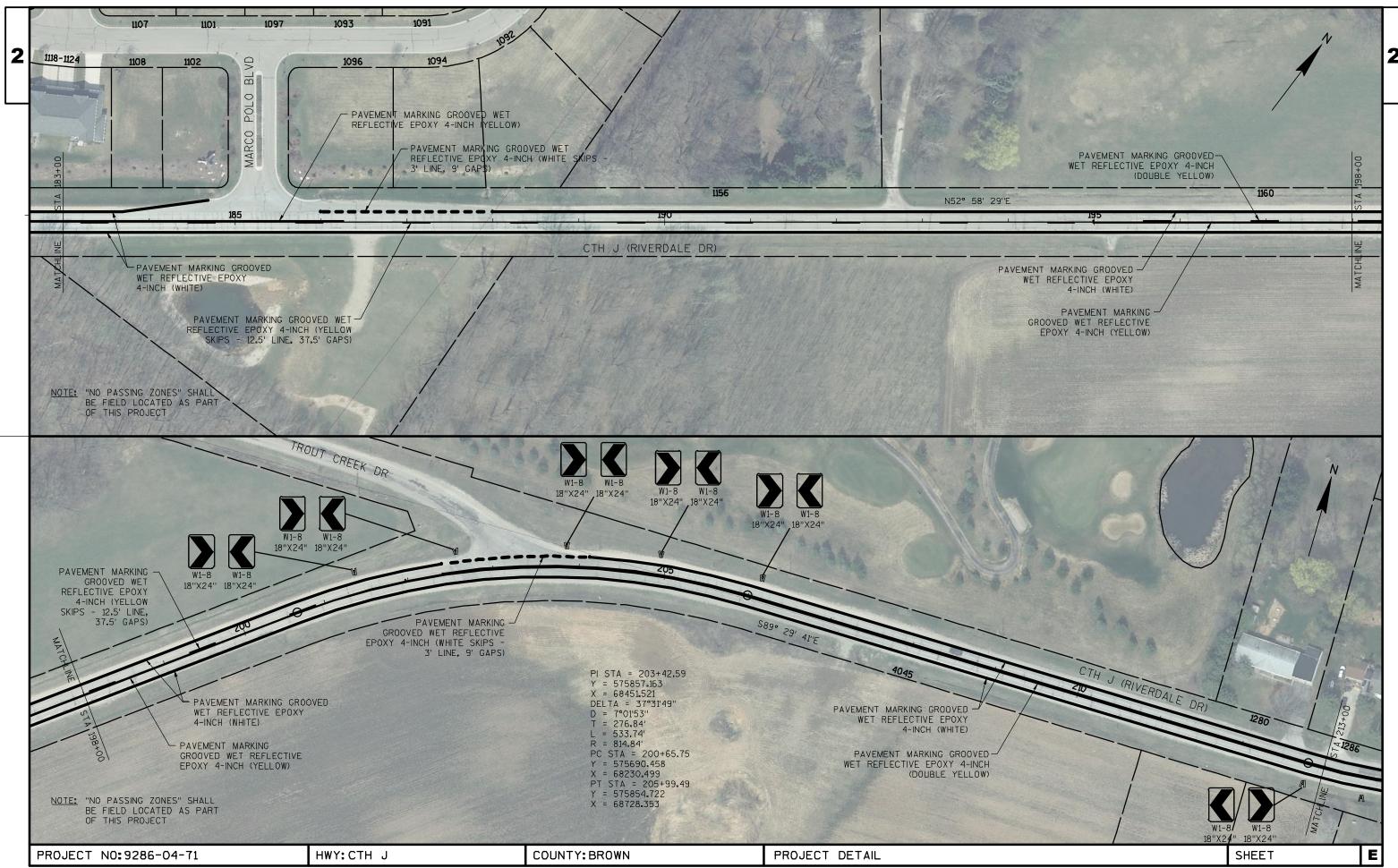


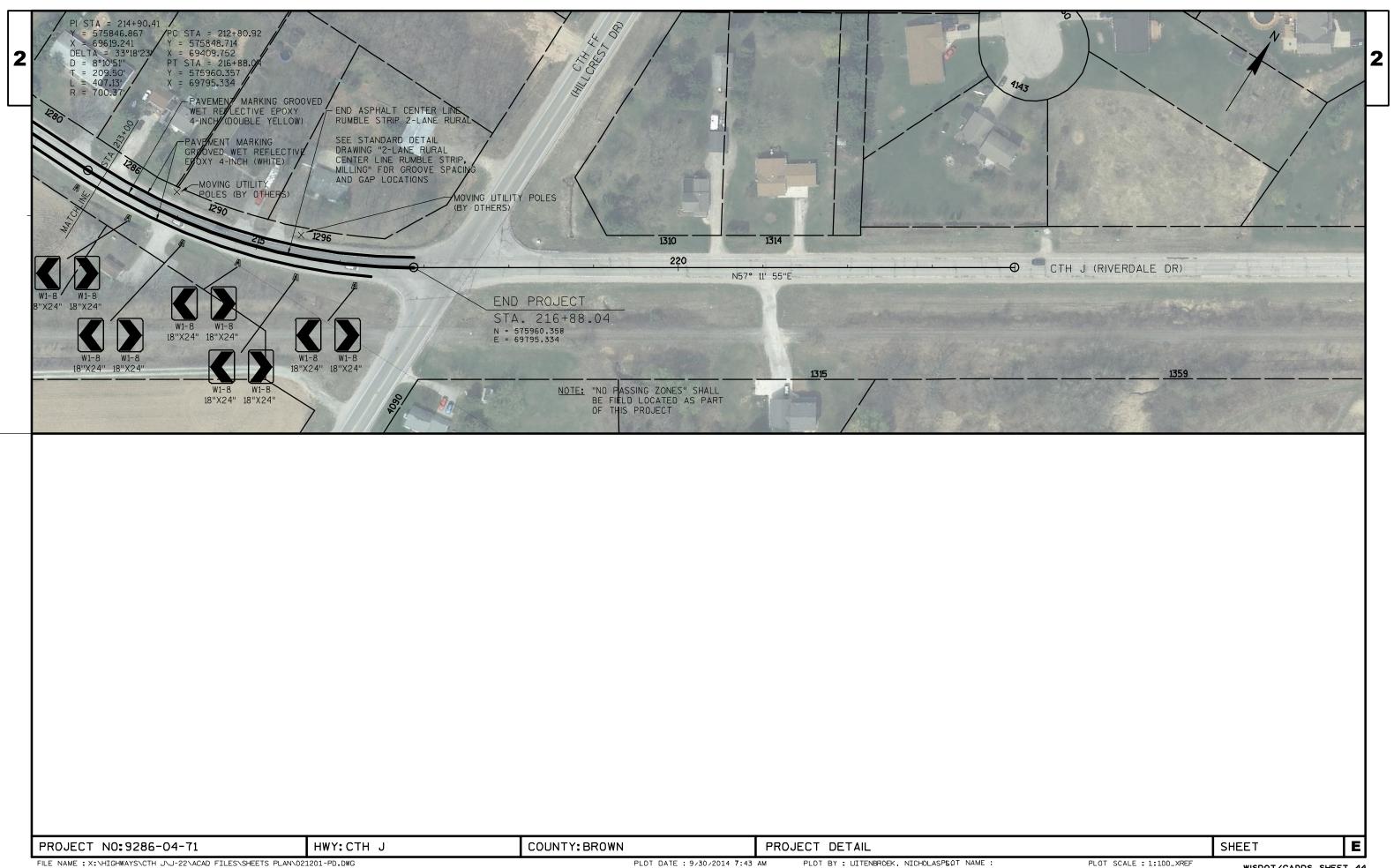












FILE NAME : X:\HIGHWAYS\CTH J\J-22\ACAD FILES\SHEETS PLAN\021201-PD.DWG LAYOUT NAME - ####

PLOT DATE : 9/30/2014 7:43 AM

PLOT SCALE : 1:100_XREF

WISDOT/CADDS SHEET 44

DATE 24 LINE	IAPK ID	E 3 1	IWAI	E O F Q U A N	9286-04-71	
NUMBER	ITEM	ITEM DESCRIPTION	UNI T	TOTAL	QUANTI TY	
0010	213. 0100	Finishing Roadway (project) 01. 9286-04-71	EACH	1. 000	1. 000	
0020	465. 0475	Asphalt Center Line Rumble Strips 2-Lane Rural	LF	13, 500. 000	13, 500. 000	
0030	619. 1000	Mobilization	EACH	1. 000	1. 000	
0040	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	9. 000	9. 000	
0050	634. 0616	Posts Wood 4x6-Inch X 16-FT	EACH	37. 000	37. 000	
0060	634. 0618	Posts Wood 4x6-Inch X 18-FT	EACH	6. 000	6. 000	
0070	637. 2230	Signs Type II Reflective F	SF	156. 000	156. 000	
0800	643. 0100	Traffic Control (project) 01. 9286-04-71	EACH	1. 000	1. 000	
0090	643. 0300	Traffic Control Drums	DAY	120. 000	120. 000	
0100	643. 0900	Traffic Control Signs	DAY	336. 000	336. 000	
0110	643. 1050	Traffic Control Signs PCMS	DAY	14. 000	14. 000	
0120	646. 2304. S	Pavement Marking Grooved Wet Reflective Epoxy 4-Inch	LF	56, 225. 000	56, 225. 000	
0130	648. 0100	Locating No-Passing Zones	MI	3. 990	3. 990	
0140	650. 9910	Construction Staking Supplemental Control (project) 01. 9286-04-71	LS	1. 000	1. 000	
0150	ASP. 1TOA	On-the-Job Training Apprentice at \$5. 00/HR	HRS	150. 000	150. 000	
0160	ASP. 1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	300.000	300.000	

A SPHALTIC CENTERLIN STRIP 2-LANE RU	RA L	MOBILIZATION 619.1000 PROJECT EACH PROJECT 9286-04-71 1
074.710.11	465.0475	TOTAL 1
STATION	LF	
36+64 - 64+38	2,775	
68+38 - 79+38	1,100	
85+19 - 104+63	1,945	
108+63 - 113+88	525	
117+88 - 126+43 130+43 - 144+13	855 1,370	
	1,570	
146+13 - 161+39 169+36 - 172+19	285	
176+19 - 183+28	710	TRAFFIC CONTROL (PROJECT)
187+28 - 201+52	1,425	
205+52 - 215+38	985	643.0100
TOTAL	13,500	PROJECT EACH
TOTAL	10,000	PROJECT 9286-04-71 1
		TOTAL 1

,		HVAII	TRAFFIC CONTROL ITEM S							
		TRAFFIC	.0300 CONTROL UMS	TRAFFIC	0900 CONTROL SNS	TRAFFIC	1050 CONTROL			
STAGE	DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS			
RECONSTRUCTION CONSTRUCTION	7 12	- 10	- 120	- 28	- 336	2 -	14 -			
TOTAL			120		336		14			

HWY: CTH J

STATION	LOCATION	CODE	SZE(IN	× IN)	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	637.2230 SIGNS TYPE REFLECTIVE F SF
28+62	RT	W1-8	18 X	24	1	-	-	3
29+31	RT	W1-8	18 X	24	-	1	-	3
29+99	RT	W1-8	18 X	24	-	1	-	3
30+68	RT	W1-8	18 X	24	-	1	-	3
31+37	RT	W1-8	18 X	24	-	1	-	3
32+06	RT	W1-8	18 X	24	-	1	-	3
151+83	RT	W1-8	18 X	24	-	1	-	3
151+87	RT	W1-8	18 X	24	-	1	-	3
152+66	RT	W1-8	18 X	24	-	1	-	3
152+70	RT	W1-8	18 X	24	-	11	-	3
153+50	RT	W1-8	18 X	24	1	-	-	3
153+54	RT	W1-8	18 X	24	1	-	-	3
154+33	RT	W1-8	18 X	24	-	-	1	3
154+37	RT	W1-8	18 X	24	-	-	1	3
155+16	RT	W1-8	18 X	24	-	-	1	3
155+20	RT	W1-8	18 X	24	-	-	1	3
156+00	RT	W1-8	18 X	24	-	-	1	3
156+04	RT	W1-8	18 X	24	-	-	1	3
176+57	LT	W1-8	18 X	24	-	1	-	3
176+61	LT	W1-8	18 X	24	-	<u> </u>	-	3
177+25	LT	W1-8	18 X	24	-	1	-	3
177+29	LT . 	W1-8	18 X	24	-	1	-	3
177+93	LT	W1-8	18 X	24	-	1	-	3
177+97	LT	W1-8	18 X	24	-	1	-	3
178+61	LT	W1-8	18 X	24	-	1	-	3
178+65	LT	W1-8	18 X	24	-	1	-	3
179+29 179+33	LT LT	W1-8 W1-8	18 X 18 X	24 24	-	1	-	3
					-	1	-	3
179+97 180+01	LT LT	W1-8 W1-8		24 24	-	1	-	3 3
201+40	LT	W1-8	18 X 18 X	24	-	1	-	3
201+40	LT	VV1-8	18 X	24 24	-	1	-	3
201+44	LT	W1-8	18 X	24 24	- 1	ı	-	3
202+61	LT	W1-8	18 X	24	1	-	-	3
202+01	LT	W1-8	18 X		1	-	-	3
203+87	LT	W1-8	18 X	24	1	<u>-</u>		3
203+07	LT	VV1-8	18 X	24 24	-	- 1	-	3
204+94	LT	VV1-8	18 X	24	_	1	_	3
204+94	LT	VV1-8	18 X	24	_	1	_	3
206+12	LT	W1-8	18 X	24	_	1	_	3
212+89	RT	W1-8	18 X	24		1		3
212+93	RT	W1-8	18 X	24	_	1	_	3
213+47	RT	W1-8	18 X	24	-	1	-	3
213+51	RT	W1-8	18 X	24	-	1	-	3
214+15	RT	W1-8	18 X	24	-	1	-	3
214+19	RT	W1-8	18 X	24	-	 1	-	3
214+82	RT	W1-8	18 X	24	-	1	-	3
214+86	RT	W1-8	18 X	24	-	1	-	3
215+50	RT	W1-8	18 X	24	-	1	-	3
215+54	RT	W1-8	18 X	24	-	1	-	3
216+18	RT	W1-8	18 X	24	1	-	-	3
216+22	RT	W1-8	18 X	24	1	_	-	3
TOTAL	131	🗸	/		9	37	6	156

PERMANENT SIGNING

UNLESS OTHERWISE NOTED ALL ITEMS IN CATEGORY 0010

PROJECT NO:9286-04-71

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET

Ε

				\	646.230		DA OLIED VELLOVA
				WHITE	DA SHED WHITE	YELLOW	DA SHED YELLOW
					3-FOOT LINE		12.5-FOOT LINE
0	T 4 T14				9-FOOT SKIP	. –	37.5-FOOT SKIP
	TATIO		LOCATION	LF	LF	LF	LF
6+12	-	14+98	LT	885	-	-	-
6+12	-	8+09	CENTERLINE	-	-	195	=
6+12	-	8+09	CENTERLINE	-	-	195	-
6+12	-	26+91	RT	2,080	-	-	-
8+09	-	24+80	CENTERLINE	-	-	-	420
15+56	-	20+02	LT	445	-	-	-
20+79	-	28+87	LT	810	-	-	-
24+80	-	28+69	CENTERLINE	-	-	-	95
24+80	-	36+65	CENTERLINE	-	-	1,185	-
27+28	-	79+87	RT	5,260	-	-	-
28+69	-	37+32	CENTERLINE	-	-	860	-
29+40	-	66+05	LT	3,665	-	-	-
36+65	-	97+03	CENTERLINE	-	-	-	1,510
66+72	-	80+96	LT	1,420	-	-	-
79+87	-	81+87	RT	=	50	-	-
81+84	-	82+90	LT	105	-	-	-
83+06	-	144+55	RT	6,150	-	-	-
84+48	-	86+47	LT	-	50	-	-
86+47	-	106+20	LT	1,975	-	-	-
97+03	-	104+66	CENTERLINE	-	-	-	190
97+03	-	104+66	CENTERLINE	-	-	765	-
104+66	-	113+25	CENTERLINE	-	-	860	-
104+66	-	143+04	CENTERLINE	-	-	-	960
107+12	-	115+52	LT	845	-	-	-
116+59	-	128+01	LT	1,135	-	-	-
129+03	-	163+08	LT	3,395	-	-	-
143+04	-	150+99	CENTERLINE	-	-	-	200
143+04	-	152+40	CENTERLINE	-	-	935	-
145+64	-	216+38	RT	7,070	-	-	-
150+99	-	160+45	CENTERLINE	-	-	945	-
152+40	-	168+52	CENTERLINE	-	-	-	405
163+68	-	166+87	LT	320	-	-	-
167+76	-	173+81	LT	605	-	-	=
168+52	-	176+12	CENTERLINE	-	-	-	190
168+52	-	178+30	CENTERLINE	-	-	975	-
174+59	-	184+69	LT	1,015	-	-	-
176+12	-	186+26	CENTERLINE	-	-	1,015	-
178+30	-	194+99	CENTERLINE	-	-	-	415
186+00	-	188+00	LT	-	50	-	-
188+00	-	202+41	LT	1,445	-	-	-
194+99	-	202+41	CENTERLINE	-	-	-	185
194+99	-	216+88	CENTERLINE	-	-	2,190	-
202+41	-	204+11	LT	-	45	- -	-
202+41	-	216+88	CENTERLINE	-	-	1,445	-
204+11	_	216+88	LT	1,270	-	· -	-
UBTOTAL				39,895	195	11,565	4,570

TOTAL 56,225

UNLESS OTHERWISE NOTED ALL ITEMS IN CATEGORY 0010

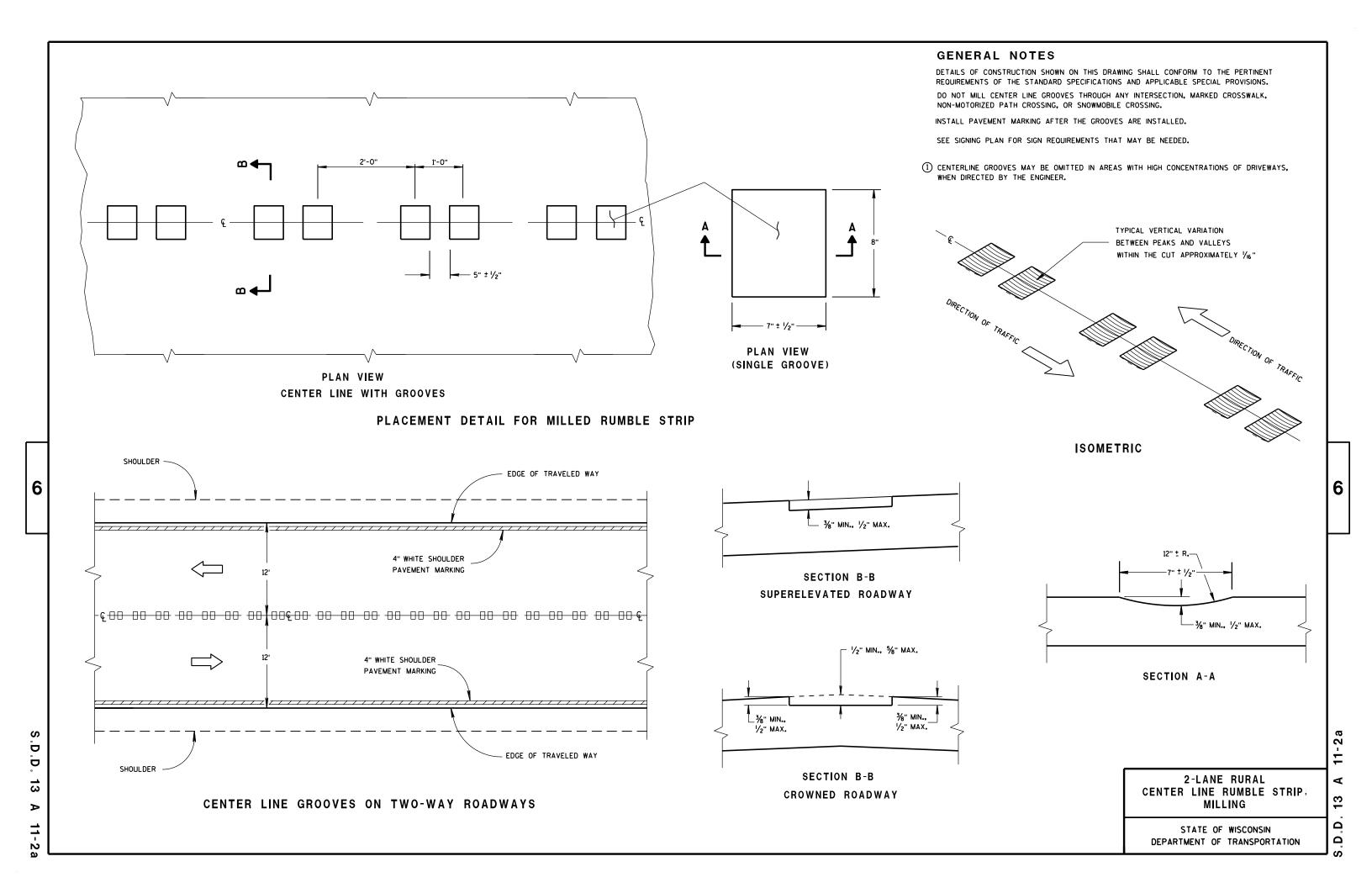
PROJECT NO:9286-04-71 HWY:CTH J COUNTY:BROWN MISCELLANEOUS QUANTITIES SHEET **E**

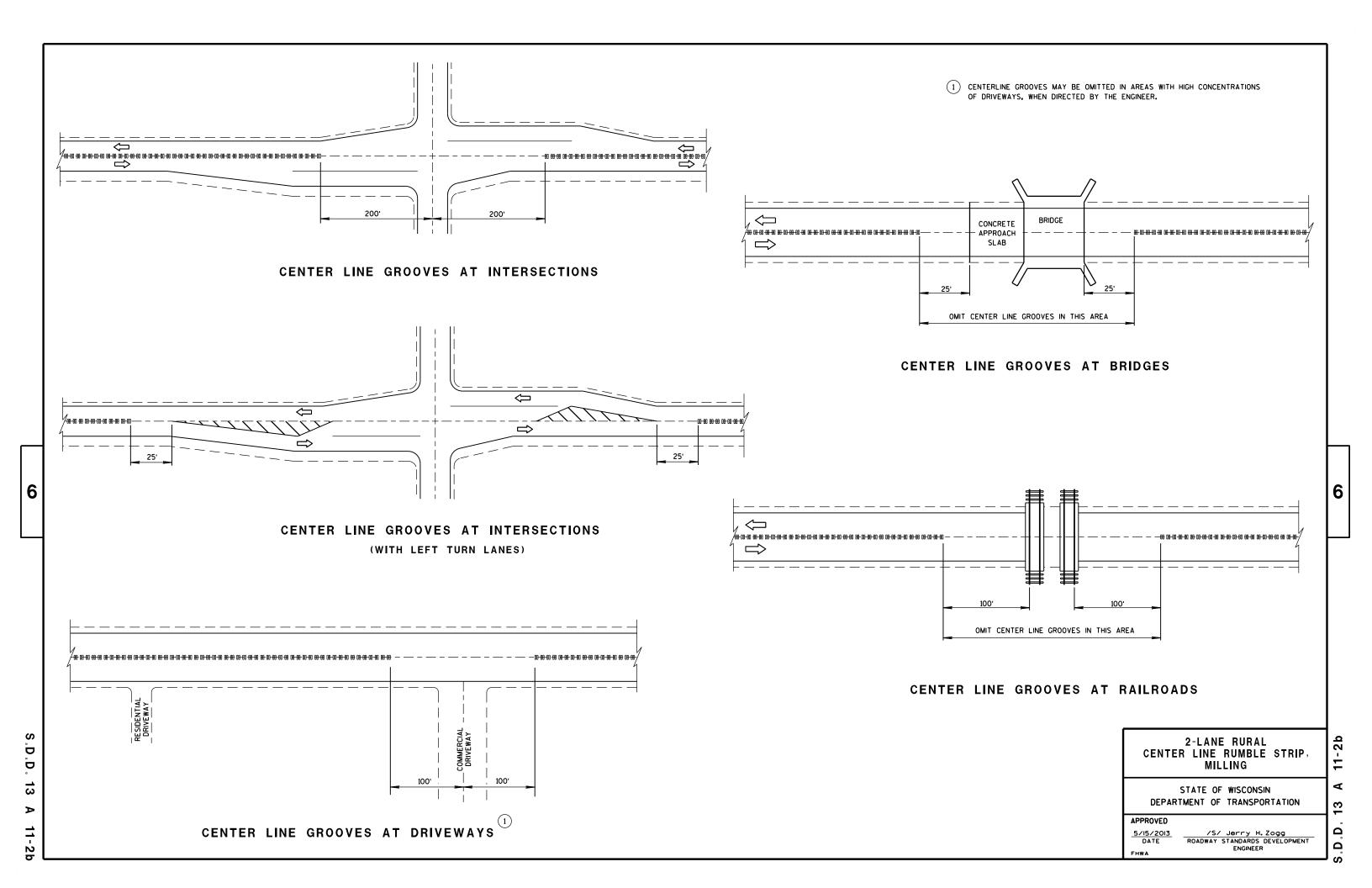
Standard Detail Drawing List

TRAFFIC

6

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TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

6

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C

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

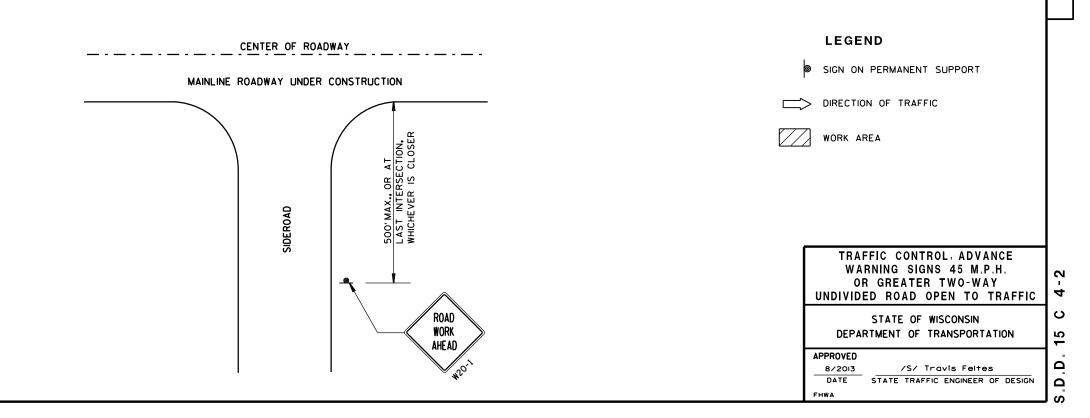
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

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

- * OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.
- * PLACE ADDITIONAL W20-1 "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



6

GENERAL NOTES

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

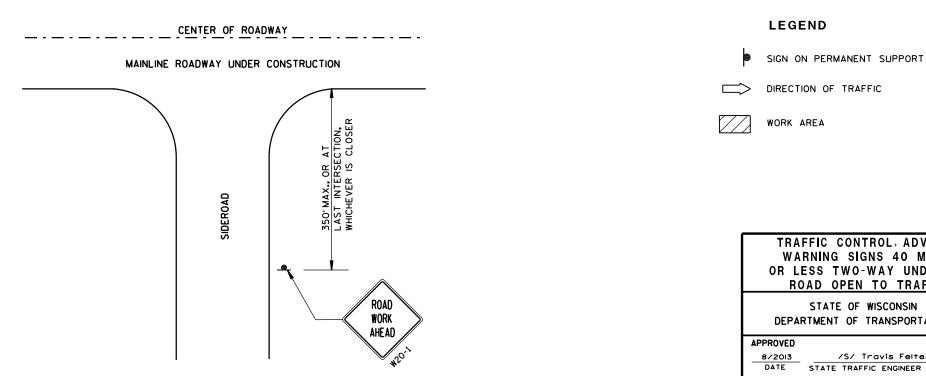
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"×48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48"

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

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

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

/S/ Travis Feltes STATE TRAFFIC ENGINEER OF DESIGN

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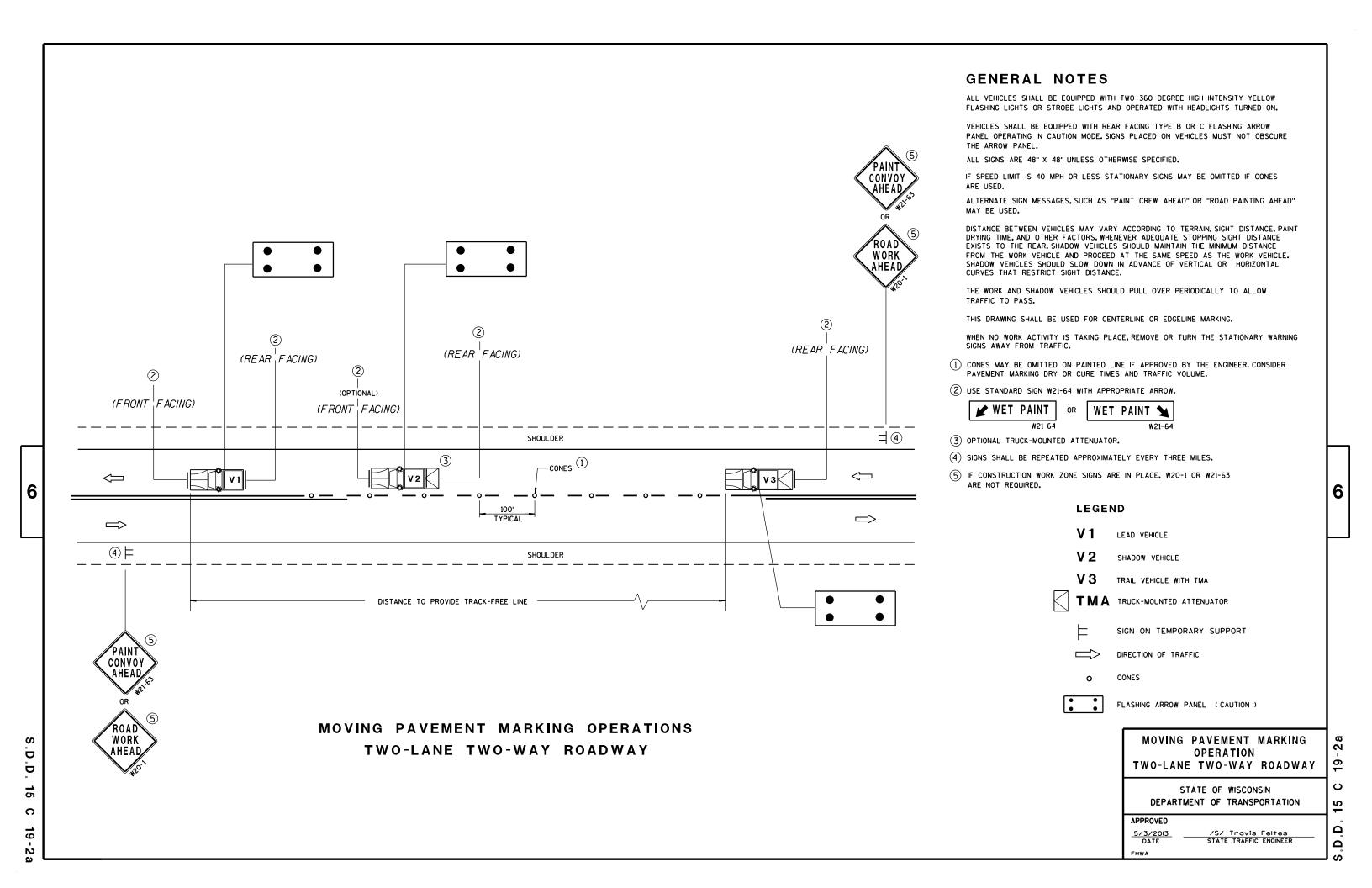
6

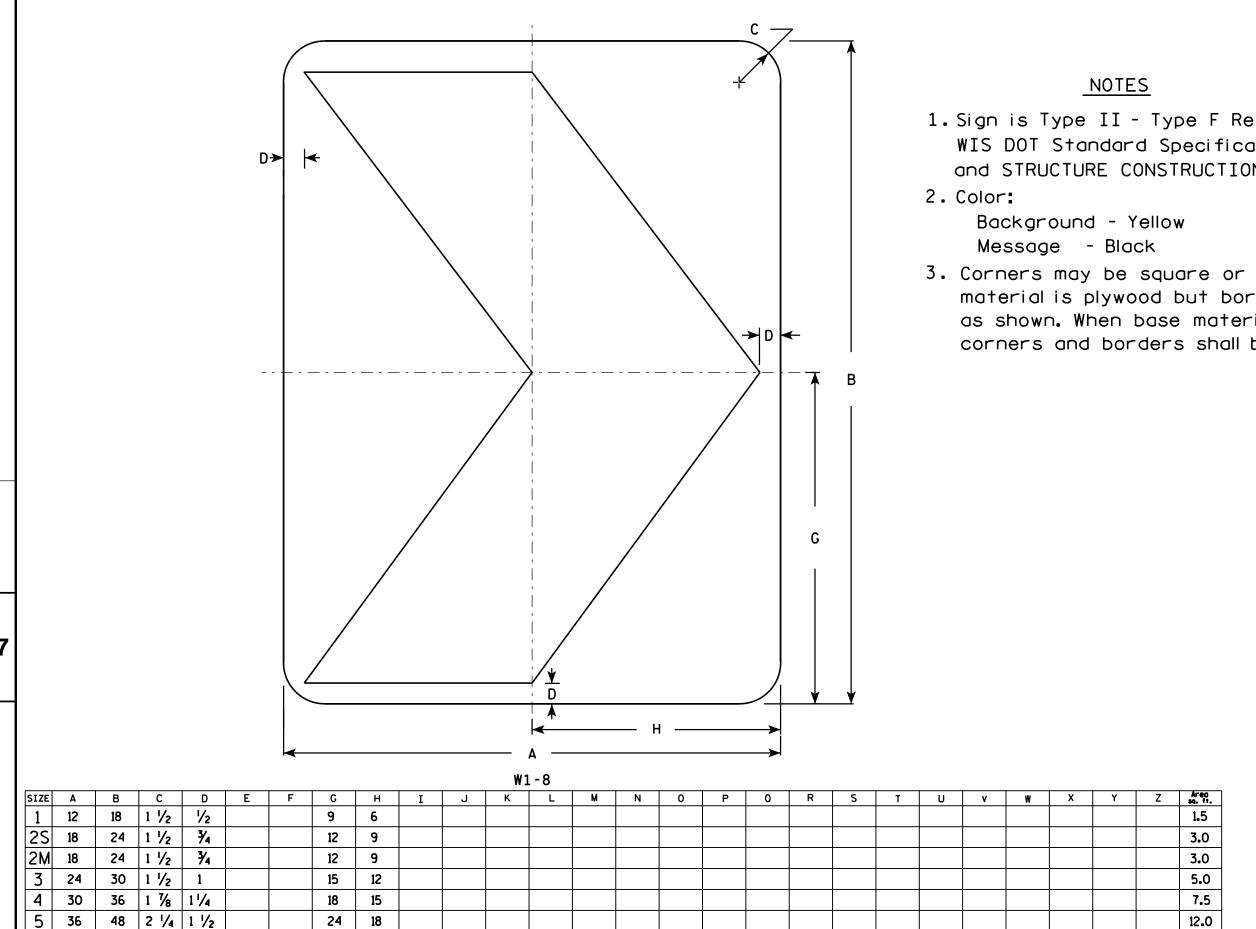
D Ö 15 C











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.

> STANDARD SIGN W1 - 8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

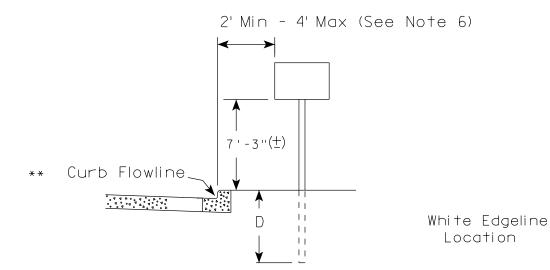
For State Traffic Engineer PLATE NO. W1-8.6

DATE 6/7/10

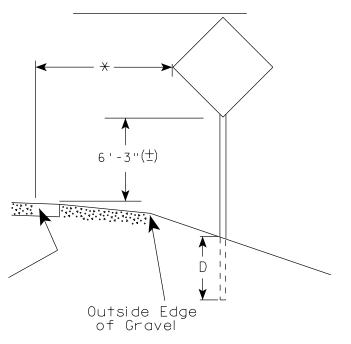
SHEET NO:

PROJECT NO:

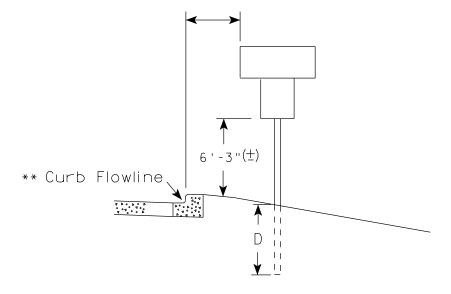
urban area



RURAL AREA (See Note 2)



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



White Edgeline
Location

Outside Edge
of Gravel

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated.

That height is typically measured where

there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

HWY:

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

PLOT BY : mscj9h

GENERAL NOTES

- 1. Signs wider than 4 feet, 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 A4-10 sign plate.
- 3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
- 4. Minimum mounting height for J assemblies (A4-5) 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" (\pm) .
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. The (\pm) tolerance for mounting height is 3 inches.
- 8. Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (\pm) or as directed by the Engineer.
- 9. 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), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series) & End of Rod Markers (W5-56 & W5-56A) shall be mounted at a height of 4'-3" (+).

POST EMBEDMENT DEPTH

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

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther & Rauh
For State Traffic Engineer

DATE 9/30/13

SHEET NO:

COUNTY:

JN I Y:

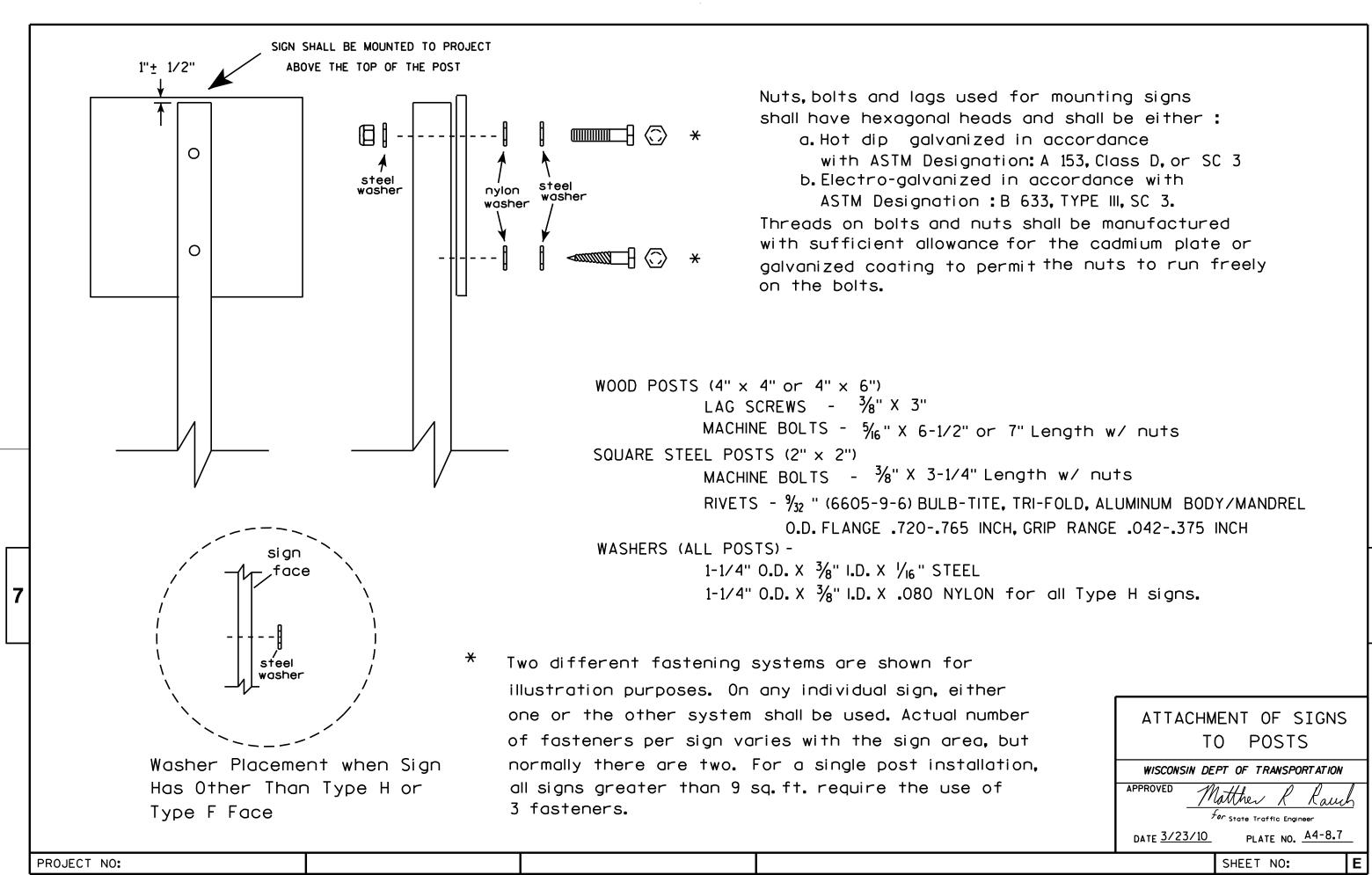
PLOT DATE: 30-SEP-2013 13:25

PLOT NAME :

PLOT SCALE: 99.237937:1.000000

WISDOT/CADDS SHEET 42

PROJECT NO:





Notes



Wisconsin Department of Transportation

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