JULY 2013

Section No. 3

Section No. 6

TOTAL SHEETS = 40

DESIGN DESIGNATION

CONVENTIONAL SYMBOLS

LIMITED HIGHWAY EASEMENT

PROPOSED OR NEW R/W LINE

EXISTING RIGHT OF WAY

CORPORATE LIMITS

PROPERTY LINE

SLOPE INTERCEPT

REFERENCE LINE

EXISTING CULVERT

PROPOSED CULVERT

COMBUSTIBLE FLUIDS

WOODED OR SHRUB AREA

MARSH AREA

(2013) = 950

(2033) = 1200

= 5.8% = 60/40

= 6.9%

= 60 MPH

= 160,600

1//////

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)

A.A.D.T.

DESIGN SPEED

A.A.D.T.

D-H-V-

ESALS

PI AN

LOT LINE

Section No. 7

Miscellaneous Quantities

Standard Detail Drawings

Computer Earthwork Data

Right of Way Plat

STATE OF WISCONSIN ORDER OF SHEETS Section No. 1 DEPARTMENT OF TRANSPORTATION Typical Sections and Details Section No. 2 Section No. 3 Estimate of Quantities

STA. 10+00

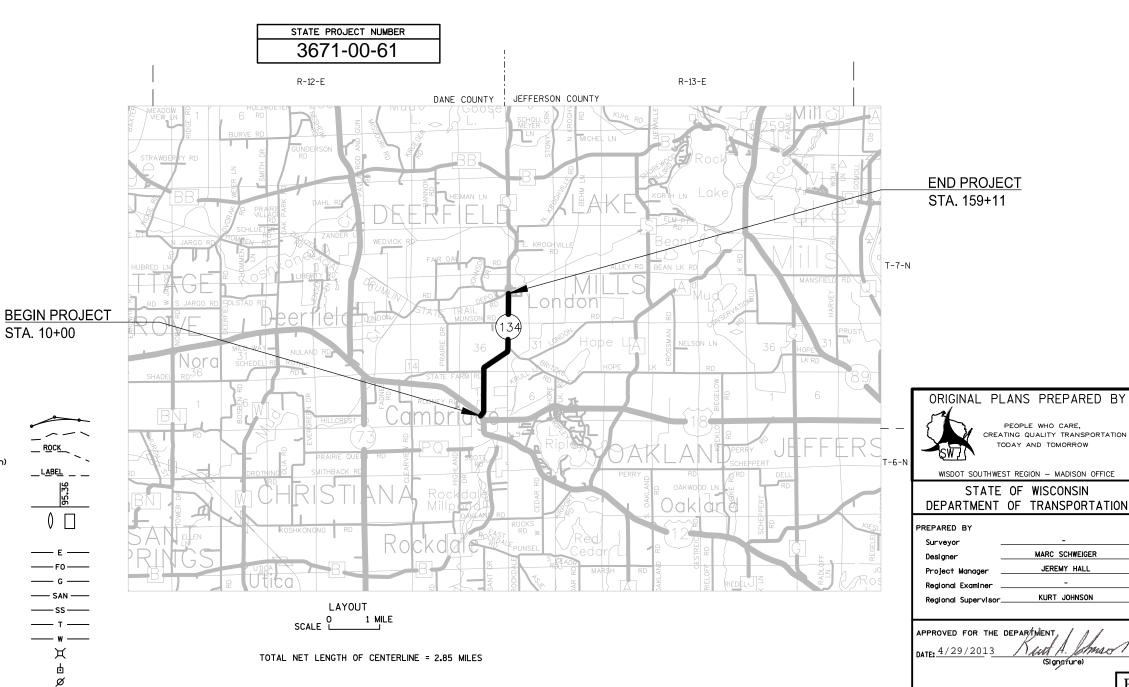
__ ROCK_

₫ Ø PLAN OF PROPOSED IMPROVEMENT

CAMBRIDGE TO LONDON

USH 12 TO CTH O

STH 134 DANE & JEFFERSON COUNTIES



FILE NAME: N:\PDS\C3D\36710031\SHEETSPLAN\010101_TI.DWG

PLOT DATE: 4/24/2013 2:39 PM

PLOT BY: SCHWEIGER, MARC D PLOT NAME:

MARC SCHWEIGER

JEREMY HALL

KURT JOHNSON

FEDERAL PROJECT

CONTRACT

PROJECT

STATE PROJECT

3671-00-61

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING OR PARKING LANE.

APPLY TACK COAT BEFORE PLACING LEVELING AND OVERLAY SURFACES. THE RATE OF APPLICATIONS IS 0.025 GALLONS PER SQUARE YARD OR AS DIRECTED BY THE ENGINEER.

A 12.5 MM MIX GRADATION CAN BE USED FOR THE SURFACE LAYER AND LEVELING LAYER.

THE LOCATION OF STOP LINES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES, THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, ALL SIGNS RELATING TO THIS OPERATION SHALL BE COVERED OR REMOVED AND FACILITY RESTORED TO NORMAL OPERATIONS.

THE EXACT LOCATIONS AND LIMITS OF PRIVATE ENTRANCES AND FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PAVING LIMITS AT INTERSECTIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER AND SHALL HAVE BUTT

EXISTING SHOULDER AGGREGATE SHALL BE INCORPORATED INTO THE NEW SHOULDERS UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN THE FIELD.

HMA PAVEMENT OVERLAY WILL BE PLACED IN TWO LAYERS, A 3/4" LEVELING COURSE AND A 2" SURFACE COURSE.

EROSION CONTROL ITEMS IN THE MISC. QUAN. ARE SUGGESTED. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD, MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY, PROTECT WETLANDS AND OTHER WATERWAYS THAT ARE PRESENT WITHIN THE PROJECT LIMITS.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO "DIGGERS HOTLINE" AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

IF UTILITY CONFLICTS OCCUR DURING CONSTRUCTION, ADJUSTMENTS WILL BE COORDINATED BY CONTRACTOR. IF THERE ARE CONFLICTS WITH SIGNS OR OTHER WORK UNDER PROJECT, THE CONTRACTOR WILL WORK AROUND THE UTILITY FACILITIES.

UTILITY/MUNICIPATILY CONTACT/ADDRESS ATC Management, Inc. Mike Olsen

801 O'keefe Rd P.O. Box 6113 De Pere, WI 54115-6113 (920) 338-6582 molsen@atcllc.com

Jason Hogan Electricity

UTILITY TYPE

Suite 1000 4902 N Biltmore Lane Madison, WI 53718 (608) 458-4871

jasonhogan@alliantenergy.com

Alliant Energy Jason Hogan Gas/Petroleum

> Suite 1000 4902 N Biltmore Lane Madison, WI 53718 (608) 458-4871

jasonhogan@alliantenergy.com

Charter Communications Brandon Storm Communication Line

2701 Daniels St. Madison, WI 53718 (608) 274-3822

brandon.storm@chartercom.com

Frontier Communications of WI LLC Robert Church Communication Line

> 100 Communications Drive Sun Prairie, WI 53590 (608) 837-1881 robert.church@ftr.com

McLeod USA Telcommunication Services Inc Jim Kostuch Communication Line

> 13935 Bishops Dr Brookfield, WI 53005 (262) 792-7938

James.Kostuch@windstream.com

Town of Oakland Sanitary District #1 April Smithback Sewer

P.O. Box 19 Cambridge, WI 53523-0086 (608) 423-3210 asmithback@verizon.net

Village of Cambridge Donn Trieloff Water

200 Spring St P.O. Box 99

Cambridge, WI 53523-0099 (608) 423-3712

dtrieloff@ci.cambridge.wi.us

We Energies Dan Sande Electricity

> A299 333 W Everett St Milwaukee, WI 53203 (414) 221-4578

Dan.Sande@we-energies.com

Dan Sande We Energies Gas/Petroleum

> 333 W Everett St Milwaukee, WI 53203 (414) 221-4578

Dan.Sande@we-energies.com

State of Wisconsin, Department of Corrections Andrew Michels Sewer & Water Wisconsin Correctional Center System Thompson Correctional Center

PLOT BY: SCHWEIGER, MARC D PLOT NAME:

3099 E. Washington Ave. P.O. Box 7991 Madison, WI 53707 (608)-240-5364

Andrew.Michels@wisconsin.gov

Call 811 3 Work Days Before You Dig or Toll Free (800) 242-8511 Hearing Impaired TDD (800) 542-2289 www.DiggersHotline.com

DNR CONTACT

Eric Heggelund 3911 Fish Hatchery Road Fitchburg, WI 53711 (608)-275-3301 Eric.Heggelund@wisconsin.gov

PROJECT NO: 3671-00-61

COUNTY: DANE & JEFFERSON

GENERAL NOTES

SHEET

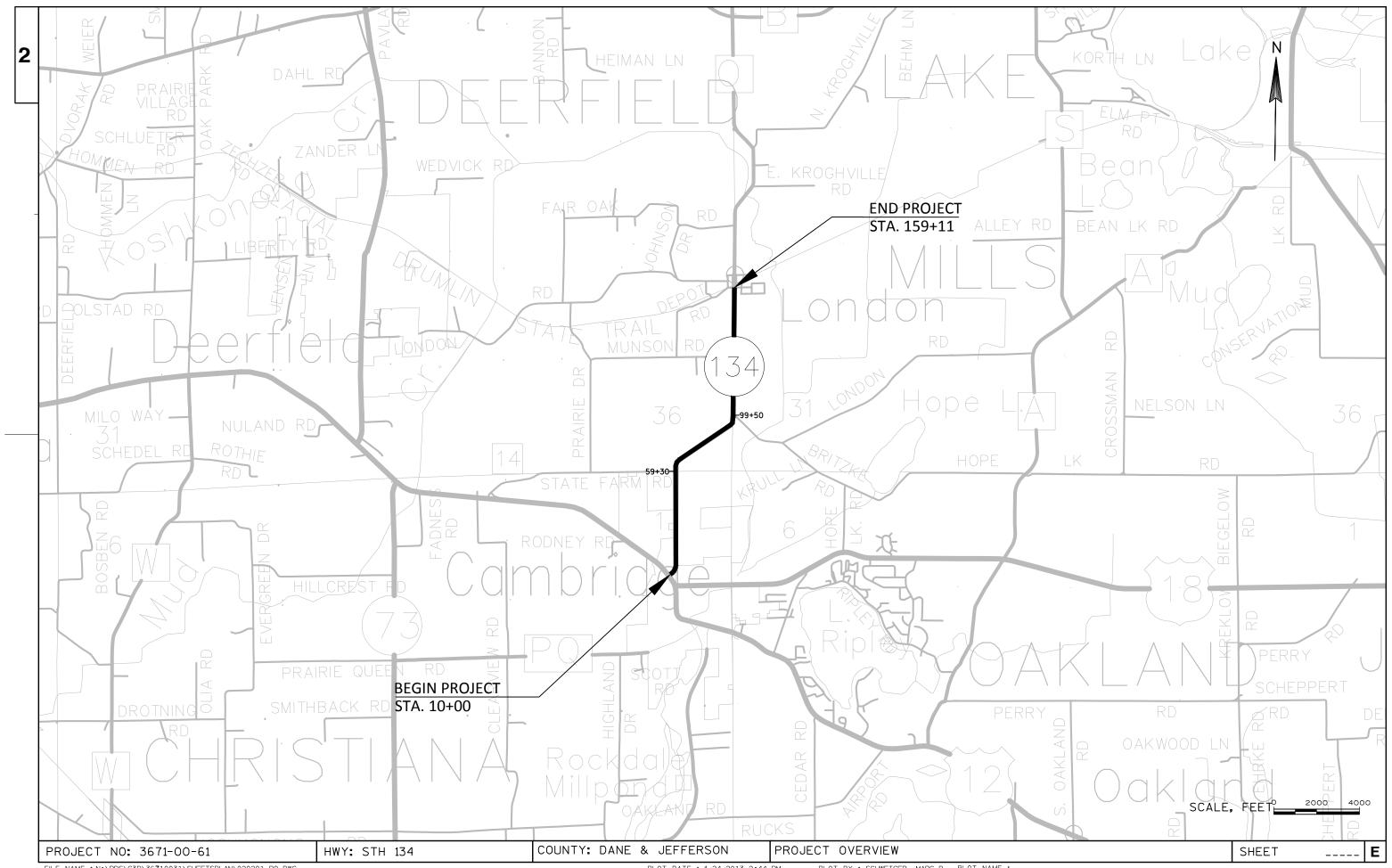
FILE NAME: N:\PDS\C3D\36710031\DESIGN\ALIPROFS\GENERAL NOTES.DWG

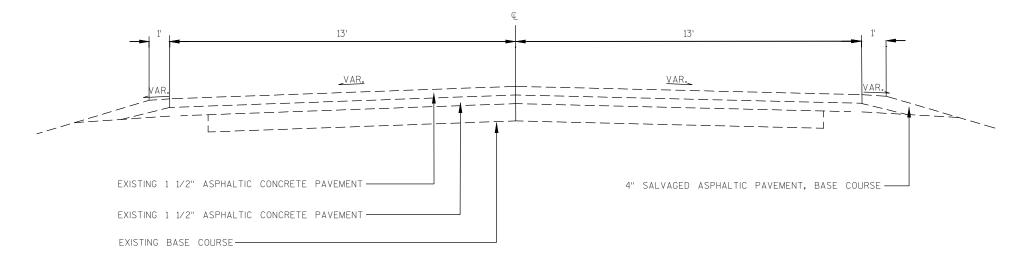
PLOT DATE: 4/30/2013 8:51 AM

Alliant Energy

PLOT SCALE : 0.002785

HWY: STH 134

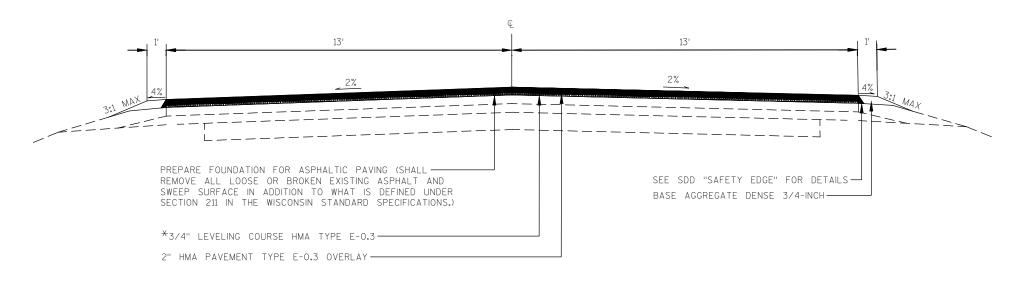




TYPICAL EXISTING SECTION

STH 134

STA. 10+00 - STA. 159+11



TYPICAL FINISHED SECTION

STH 134

STA. 10+00 - STA. 61+80 STA. 65+20 - STA. 93+30 STA. 96+70 - STA. 159+11

PROJECT NO: 3671-00-61

HWY: STH 134

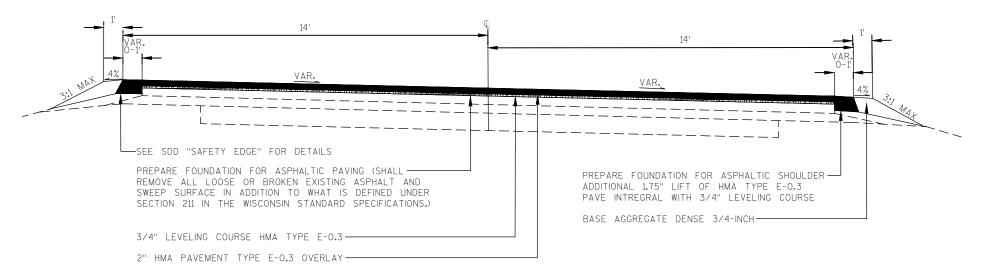
*3/4" HMA THICKNESS AT SHOULDER AND A 2% CROWNED CROSS SLOPE WHERE SLOPE CORRECTION IS NEEDED.

COUNTY: DANE & JEFFERSON

TYPICAL SECTIONS

SHEET

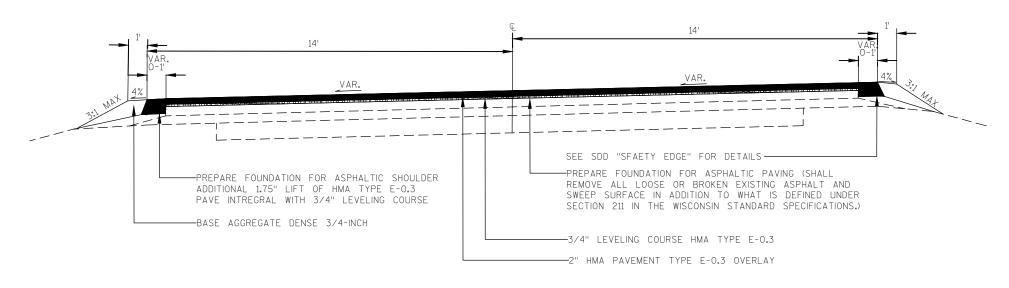
2



TYPICAL FINISHED SECTION

STH 134

STA. 61+80 - STA. 65+20

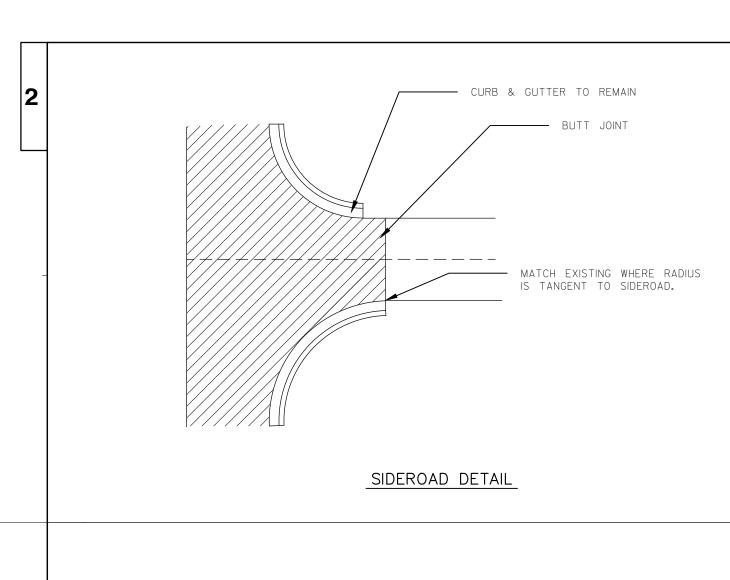


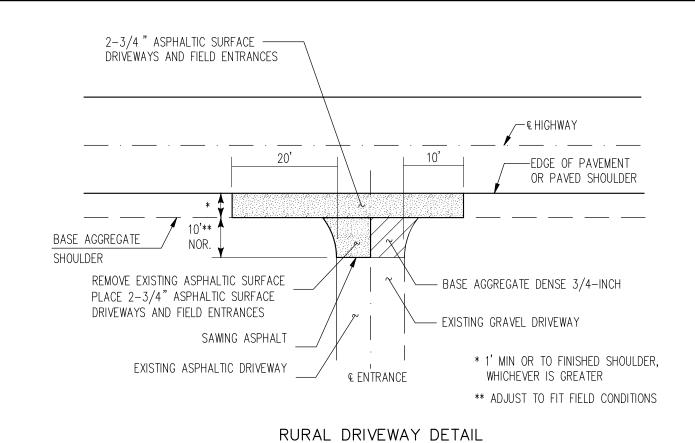
TYPICAL FINISHED SECTION

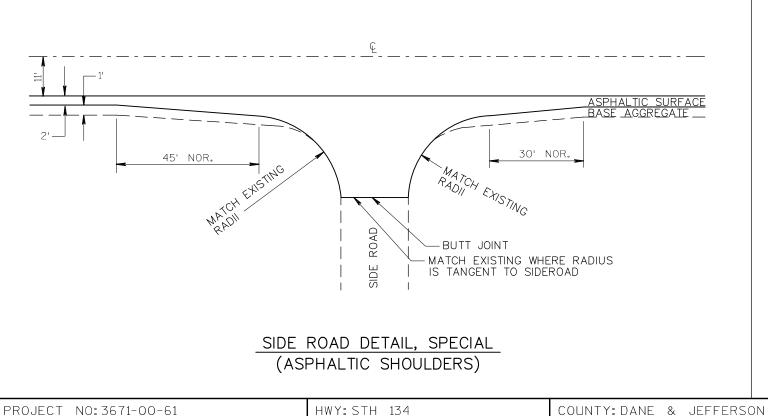
STH 134

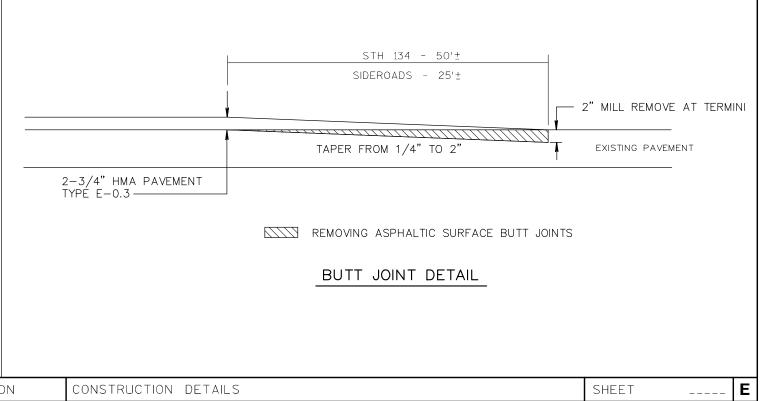
STA. 93+30 - STA. 96+70

PROJECT NO: 3671-00-61 HWY: STH 134 COUNTY: DANE & JEFFERSON TYPICAL SECTIONS SHEET ____ **E**











FILE NAME : N:\PDS\C3D\36710031\SHEETSPLAN\PLAN DETAILS.DWG PLOT DATE : 4/24/2013 3:02 PM PLOT BY : SCHWEIGER, MARC D PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42



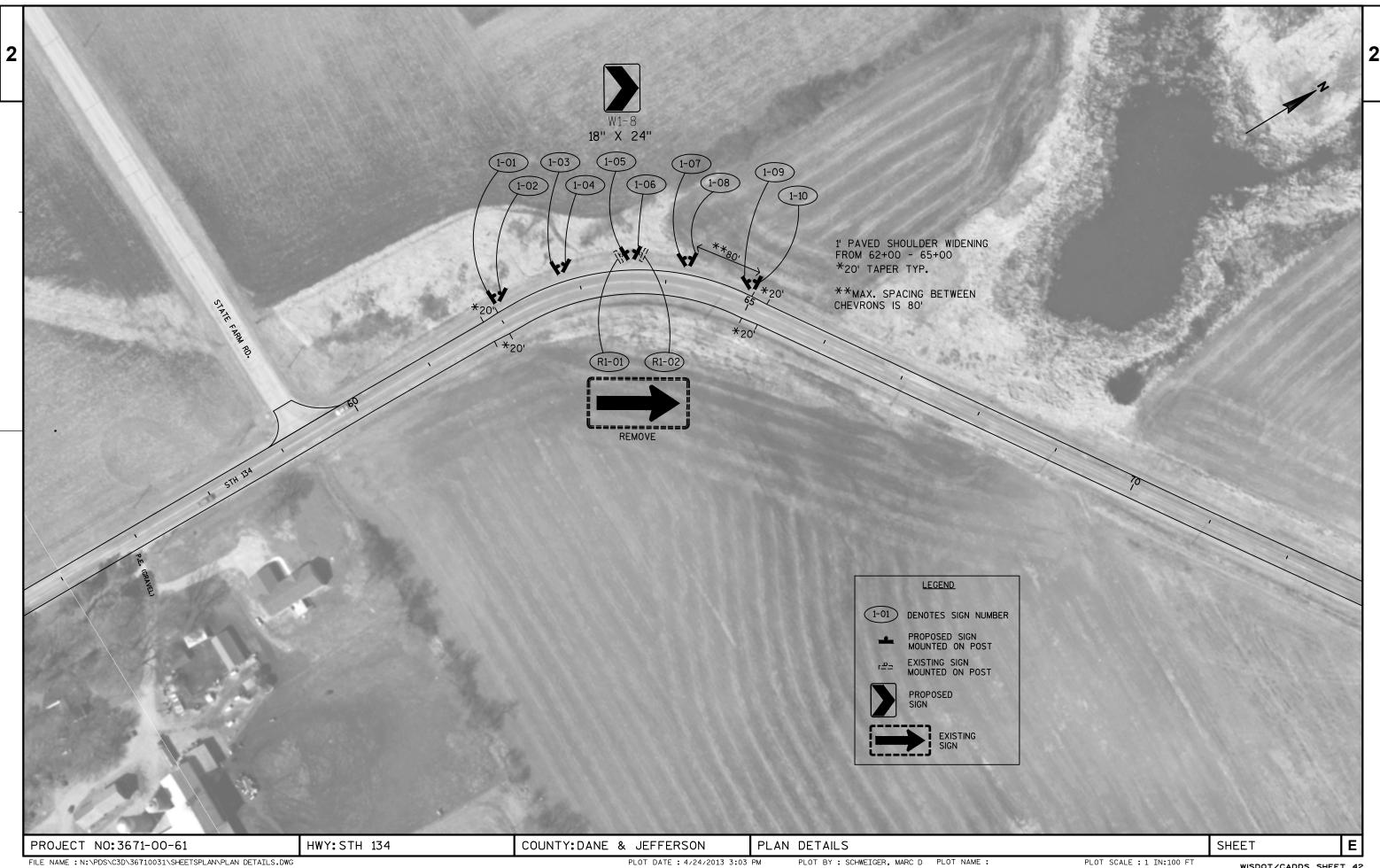
FILE NAME : N:\PDS\C3D\36710031\SHEETSPLAN\PLAN DETAILS.DWG

PLOT DATE: 4/24/2013 3:03 PM

PLOT BY : SCHWEIGER, MARC D PLOT NAME :

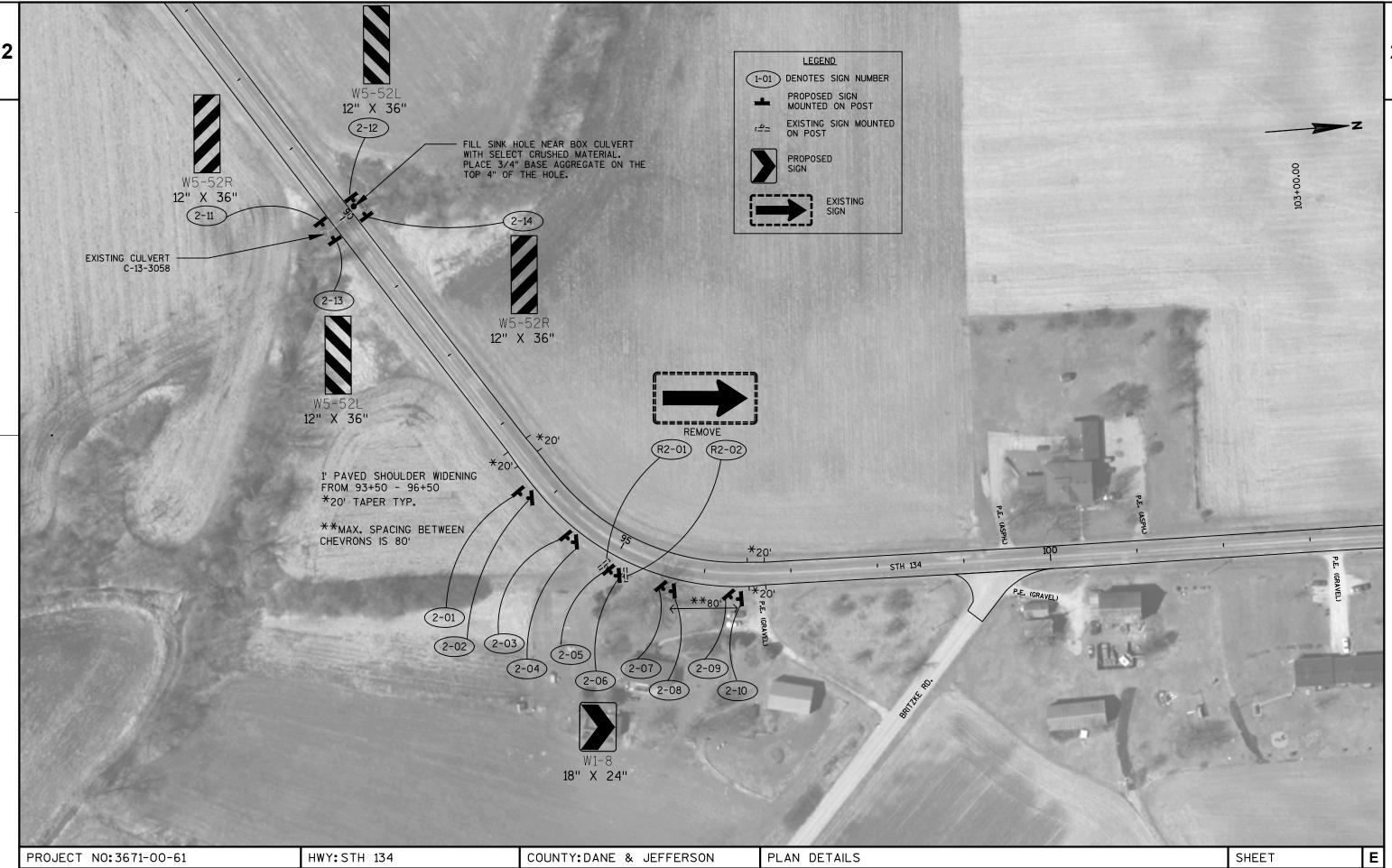
PLOT SCALE : 1 IN:100 FT





FILE NAME : N:\PDS\C3D\36710031\SHEETSPLAN\PLAN DETAILS.DWG PLOT DATE: 4/24/2013 3:03 PM PLOT BY: SCHWEIGER, MARC D PLOT NAME:







PLOT DATE: 4/24/2013 3:03 PM

PLOT SCALE : 1 IN:100 FT





PLOT SCALE : 1 IN:100 FT



FILE NAME : N:\PDS\C3D\36710031\SHEETSPLAN\PLAN DETAILS.DWG

PLOT DATE: 4/24/2013 3:03 PM

PLOT SCALE : 1 IN:100 FT

TRAFFIC CONTROL

FOR MOVING OPERATION STA 10+00 TO STA 159+11 SEE STANDARD DETAIL DRAWING "TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATION)".

HWY 134

* UNDER CONSTR
SEPT.XX-SEPT.XX

* PLACE FIXED MESSAGE SIGN AT THE LIMITS OF THE PROJECT FOR 10 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION.

G20-57 **96" X 48"**

SEE STANDARD DETAIL DRAWING "TRAFFIC CONTROL - ADVANCE WARNING SIGNS 40 MPH OR LESS". **END PROJECT** STA. 159+11 **BEGIN PROJECT** STA. 10+00 3000 SCALE, FEET SEE STANDARD DETAIL DRAWING "TRAFFIC CONTROL ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC".

PROJECT NO: 3671-00-61

HWY: STH 134

COUNTY: DANE & JEFFERSON

TRAFFIC CONTROL - STH 134 OPEN TO TRAFFIC

PLOT BY : SCHWEIGER, MARC D PLOT NAME : _____

SHEET

.___ E

DATE 03 LINE	BMAY13	E S T	IMAT	E OF QUAN	T I T I E S 3671-00-61
NUMBER	ITEM	ITEM DESCRIPTION	UNI T	TOTAL	QUANTI TY
0010	204. 0110	REMOVING ASPHALTIC SURFACE	SY	250. 000	250. 000
0020	204. 0115	REMOVING ASPHALTIC SURFACE BUTT JOINTS	SY	950. 000	950. 000
0030	211. 0100	PREPARE FOUNDATION FOR ASPHALTIC PAVING	LS	1. 000	1. 000
3000		(PROJECT) 01. 3671-00-61	_0	500	550
0040	211. 0400	PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS	STA	16. 000	16. 000
0050	213. 0100	FINISHING ROADWAY (PROJECT) 01. 3671-00-61	EACH	1. 000	1. 000
		3071-00-01			
0060	305. 0110	BASE AGGREGATE DENSE 3/4-INCH	TON	3, 601. 000	3, 601. 000
0070	312. 0110	SELECT CRUSHED MATERIAL	TON	2. 000	2. 000
0800	440. 4410. \$	S INCENTIVE IRI RIDE	DOL	11, 400. 000	11, 400. 000
0090	455. 0105	ASPHALTIC MATERIAL PG58-28	TON	425. 000	425. 000
0100	455. 0605	TACK COAT	GAL	2, 200. 000	2, 200. 000
0110	460. 1100	HMA PAVEMENT TYPE E-0.3	TON	7, 700. 000	7, 700. 000
0120	460. 2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	4, 930. 000	4, 930. 000
0130	465. 0120	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	TON	75. 000	75. 000
0140	618. 0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 01.3671-00-61	EACH	1. 000	1. 000
0150	619. 1000	MOBILIZATION	EACH	1. 000	1. 000
0160	628. 1504	SILT FENCE	LF	300.000	300.000
0170	628. 1520	SILT FENCE MAINTENANCE	LF	300.000	300.000
0170	628. 1905	MOBILIZATIONS EROSION CONTROL	EACH	2. 000	2. 000
0190	628. 1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	2. 000	2. 000
0200	634. 0612	POSTS WOOD 4X6-INCH X 12-FT	EACH	4. 000	4. 000
0010	(24.0/4/	DOCTO WOOD AVAILABLE V 44 FT		20.000	20.000
0210	634. 0616	POSTS WOOD 4X6-INCH X 16-FT	EACH	20.000	20.000
0220	637. 0202	SIGNS REFLECTIVE TYPE II	SF	72.000	72.000
0230	638. 2602 638. 3000	REMOVING SIGNS TYPE II REMOVING SMALL SIGN SUPPORTS	EACH EACH	4.000	4. 000 4. 000
0240 0250	638. 3000	TRAFFIC CONTROL (PROJECT) 01.3671-00-61	EACH	4. 000 1. 000	4. 000 1. 000
0230	575. 0100	11011110 CONTINUE (1100ECT) OT. 3071-00-01	LAUII	1.000	1.000
0260	643. 0300	TRAFFIC CONTROL DRUMS	DAY	400.000	400.000
0270	643. 0900	TRAFFIC CONTROL SIGNS	DAY	378. 000	378. 000
0280	643. 1000	TRAFFIC CONTROL SIGNS FIXED MESSAGE	SF	64. 000	64. 000
0290	646. 0106	PAVEMENT MARKING EPOXY 4-INCH	LF	29, 900. 000	29, 900. 000
0300	646. 0406	PAVEMENT MARKING SAME DAY EPOXY 4-INCH	LF	18, 800. 000	18, 800. 000
0310	647. 0566	PAVEMENT MARKING STOP LINE EPOXY 18-INCH	LF	130. 000	130. 000
0320	648. 0100	LOCATING NO-PASSING ZONES	MI	2. 850	2. 850
0330	649. 0100	TEMPORARY PAVEMENT MARKING 4-INCH	LF	18, 800. 000	18, 800. 000
0340	650. 8000	CONSTRUCTION STAKING RESURFACING REFERENCE	LF	14, 950. 000	14, 950. 000
0350	650. 9910	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01.3671-00-61	LS	1. 000	1. 000
0360	690. 0150	SAWI NG ASPHALT	LF	200.000	200. 000

CRUSHED MATERIAL	
TON	
-	4

312.0110

SELECT

2

3/4 - INCH STATION TO STATION LOCATION TON 10+00 159+11 MAINLINE SHLD LT 1600 10+00 - 159+11 MAINLINE SHLD RT 1600 10+00 159+11 DRIVEWAYS 100 10+00 300 - 159+11 UNDISTRIBUTED STA 89+90 LT "SINK HOLE" 2

TOTAL:

3601

BASE AGGREGATE

305.0110

BASE AGGREGATE

DENSE

HMA ITEMS

REMOVING PAVEMENT ITEMS

204.0115

REMOVING

ASPHALTIC

SURFACE

BUTT JOINTS

SY

300

650

950

211.0100

PREPARE

FOUNDATION

FOR ASPHALTIC

PAVING

(3671-00-61)

LS

211.0400

PREPARE

FOUNDATION

FOR

ASPHALTIC

SHOULDERS

STA

16

16

690.0150

SAWING

ASPHALT

LF

140

60

200

204.0110

REMOVING

ASPHALTIC

SURFACE

SY

250

250

LOCATION

MAINLINE

SIDEROADS

DRIVEWAYS

UNDISTRIBUTED

TOTAL:

STATION

10+00

10+00

10+00

10+00

TO STATION

159+11

159+11

159+11

159+11

		-	TOTAL:	425	2200	7700	75
10+00	-	159+11	DRIVEWAYS	-	-	-	75
10+00	-	159+11	SIDEROADS	25	50	400	-
10+00	-	159+11	MAINLINE	400	2150	7300	-
STATION	TO	STATION	LOCATION	TON	GAL	TON	TON
				PG 58-28	COAT	E-0.3	ENTRANCES
				MATERIAL	TACK	TYPE	AND FIELD
				ASPHALTIC		PAVEMENT	DRIVEWAY
						HMA	SURFACE
							ASPHALTIC
				455.0105	455.0605	460.1100	465.0120

EROSION CONTROL

	628.1504	628.1520	628.1905	628.1910
			MOBILIZATIONS	MOBILIZATIONS
	SILT	SILT FENCE	EROSION	EMERGENCY
	FENCE	MAINTENANCE	CONTROL	EROSION CONTROL
LOCATION	LF	LF	EACH	EACH
UNDISTRIBUTED	300	300	2	2

PAVEMENT MARKING

			TOTAL:	29900	18800	130	2.85	18800	
10+00	-	159+11	MAINLINE	-	-	-	-	18800	
10+00	-	159+11	MAINLINE	-	-	-	2.85	-	
10+00	-	159+11	SIDEROADS	-	-	130	-	-	
10+00	-	159+11	MAINLINE	-	18800	-	-	-	MOVING PAVING OPERATION
10+00	-	159+11	MAINLINE	29900	-	-	-	-	WHITE EDGELINES
STATION	TO	STATION	LOCATION	LF	LF	LF	MI	LF	REMARKS
				4-INCH	4-INCH	18-INCH	ZONES	4-INCH	
				EPOXY	EPOXY	EPOXY	NO-PASSING	MARKING	
				MARKING	SAME DAY	STOP LINE	LOCATING	PAVEMENT	
				PAVEMENT	MARKING	MARKING		TEMPORARY	
					PAVEMENT	PAVEMENT			
				646.0106	646.0406	647.0566	648.0100	649.0100	
								*	

^{*} TEMPORARY CENTERLINE PAVEMENT MARKING TO BE USED AS NEEDED ON LEVELING COURSE OR EXISTING PAVEMENT. ONCE PLACEMENT OF FINAL SURFACE LAYER HAS BEGUN, PAVEMENT MARKING SAME DAY EPOXY SHALL BE APPLIED AS DEFINED IN SECTION 646 OF WIS. STAN. SPECS.

Ε PROJECT NO: 3671-00-61 HWY: STH 134 COUNTY: DANE & JEFFERSON MISCELLANEOUS QUANTITIES SHEET:

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

	PERMANENT	SIGNING
--	-----------	---------

					634.0612 WOOD POSTS 4 X 6	634.0616 WOOD POSTS 4 X 6	637.0202 SIGNS REFLECTIVE	638.2602 REMOVING SIGNS	638.3000 REMOVING SMALL SIGN	
SIGN		SIGN	SIGN		12'	16'	TYPE II	TYPE II	SUPPORTS	
NUMBER	LOCATION	CODE	WXH	MESSAGE	EACH	EACH	SF	EACH	EACH	REMARKS
1-01	62+00 LT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	
1-02	62+10 LT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	
1-03	62+75 LT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	ALL CHEVRONS AND MARKERS
1-04	62+85 LT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	SHALL BE INSTALLED AT 4 FEET,
1-05	63+45 LT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	MEASURED VERTICALLY FROM THE
1-06	63+55 LT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	BOTTOM OF THE SIGN TO THE
1-07	64+15 LT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	ELEVATION OF THE NEAR TRAVELED
1-08	64+25 LT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	WAY.
1-09	64+90 LT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	
1-10	65+00 LT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	
R1-01	63+40 LT	W1-6	48 x 24	ARROW	-	-	-	1	1	REMOVAL
R1-02	63+60 LT	W1-6	48 x 24	ARROW	-	-	-	1	1	REMOVAL
2-01	93+80 RT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	
2-02	93+90 RT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	
2-03	94+45 RT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	
2-04	94+55 RT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	
2-05	95+00 RT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	ALL CHEVRONS AND MARKERS
2-06	95+10 RT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	SHALL BE INSTALLED AT 4 FEET,
2-07	95+60 RT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	MEASURED VERTICALLY FROM THE
2-08	95+70 RT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	BOTTOM OF THE SIGN TO THE
2-09	96+30 RT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	ELEVATION OF THE NEAR TRAVELED
2-10	96+40 RT	W1-8	18 x 24	CHEVRON	-	1	3	-	-	WAY.
2-11	89+97 RT	W5-52R	12 x 36	MARKER	1	-	3	-	-	
2-12	89+97 LT	W5-52L	12 x 36	MARKER	1	-	3	-	-	
2-13	90+03 RT	W5-52L	12 x 36	MARKER	1	-	3	-	-	
2-14	90+03 LT	W5-52R	12 x 36	MARKER	1	-	3	-	-	
R2-01	94+95 RT	W1-6	48 x 24	ARROW	-	-	-	1	1	REMOVAL
R2-02	95+15 RT	W1-6	48 x 24	ARROW				1	1	REMOVAL
				TOTAL:	4	20	72	4	4	

Т	RA	FF	=10	. (CC	ЛC	IT	R	O	ı
	-		٠,	•	v	<i>-</i> 11			v	_

	TOTAL:	1	400	378	64
UNDISTRIBUTED	-	-	400	-	-
PROJECT	21	1	-	378	64
LOCATION	DAYS	EACH	DAY	DAY	SF
	*	TRAFFIC CONTROL (3671-00-61)	TRAFFIC CONTROL DRUMS	TRAFFIC CONTROL SIGNS	TRAFFIC CONTROI SIGNS FIXED MESSAGE
		643.0100	643.0300	643.0900	643.1000

*FOR INFORMATION ONLY

SHEET: Е HWY: STH 134 PROJECT NO: 3671-00-61 COUNTY: DANE & JEFFERSON MISCELLANEOUS QUANTITIES

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

CONSTRUCTION STAKING

650.9910

SUPPLEMENTAL

CONTROL (3671-00-61)

LS

650.8000

RESURFACING

REFERENCE

LF

14950

LOCATION

PROJECT

Standard Detail Drawing List

08E09-06	SILT FENCE
09A01-13A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
09A01-13B	AT-GRADE SIDE ROAD INTERSECTION, TYPE "A1" & "A2"
14B29-01	SAFETY EDGE
15C04-01	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-01	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C08-15A	PAVEMENT MARKING (MAINLINE)
15C08-15B	PAVEMENT MARKING (INTERSECTIONS)
15C08-15F	PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)
15C12-03	TRAFFIC CONTROL FÒR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C19-01A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

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TYPICAL APPLICATION OF SILT FENCE

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PLAN VIEW SILT FENCE AT MEDIAN SURFACE DRAINS



GENERAL NOTES

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

- \bigcirc HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
- ② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- 3 WOOD POSTS SHALL BE A MINIMUM SIZE OF 11/8" X 11/8" OF OAK OR HICKORY.
- 4) SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- (5) CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



TRENCH DETAIL



SILT FENCE TIE BACK
(WHEN REQUIRED BY THE ENGINEER)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

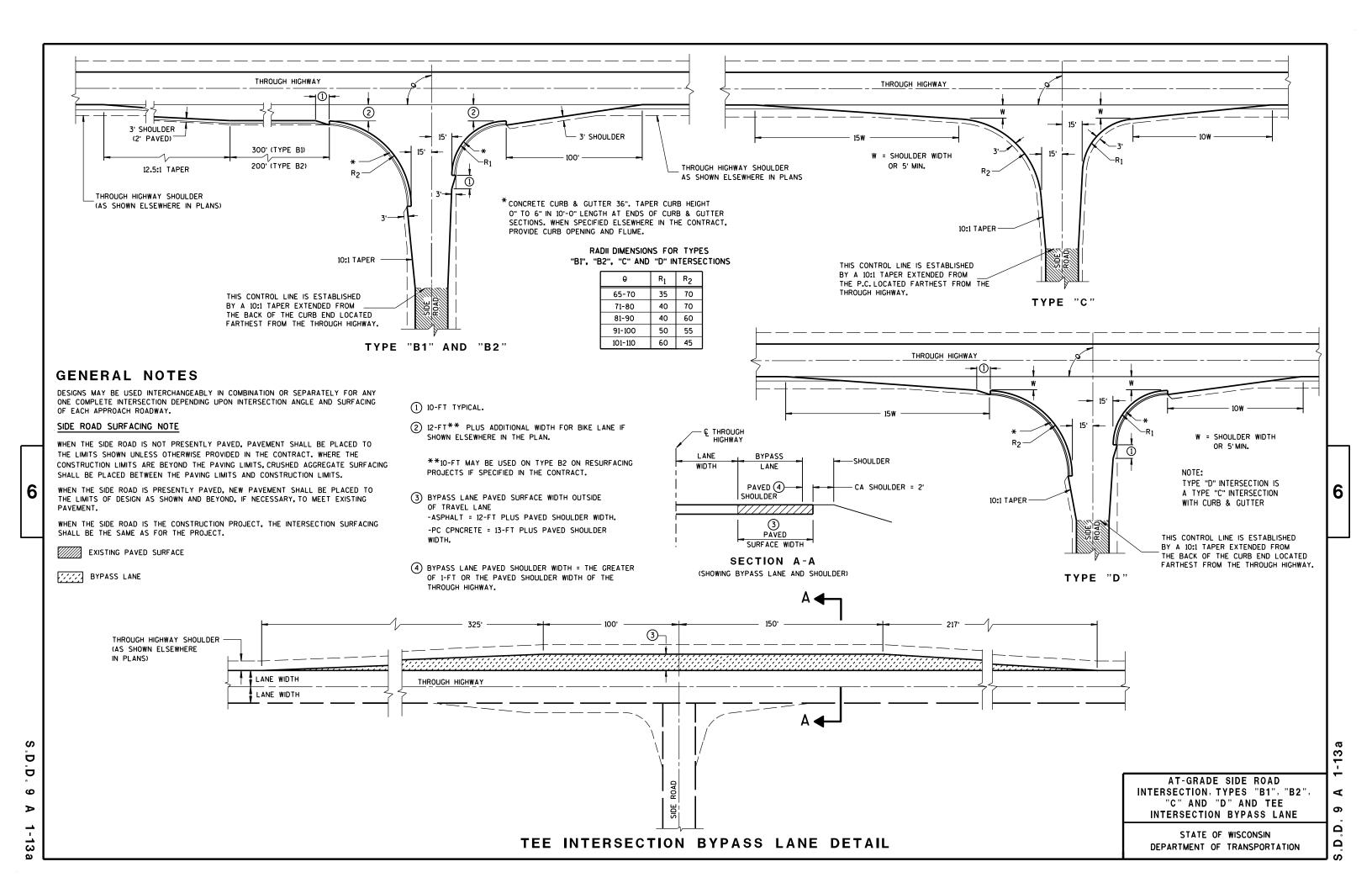
APPROVED
4-29-05 /S/ Beth Cannestra

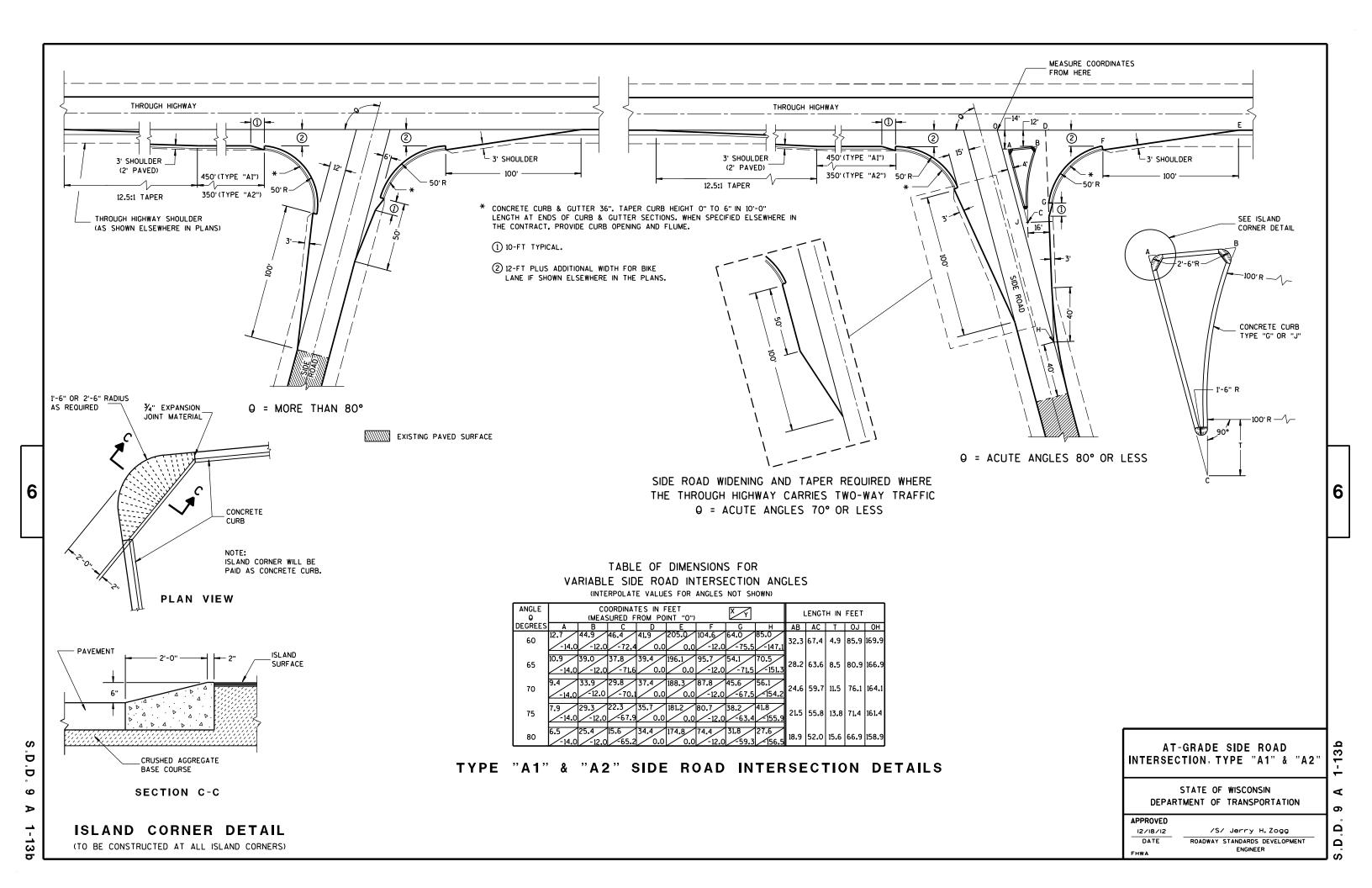
29-05 /S/ Beth Cannestra
DATE CHIEF ROADWAY DEVELOPMENT ENGINEER

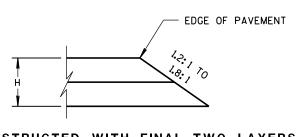
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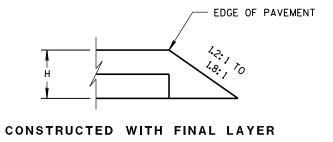
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D.D. 8 E 9





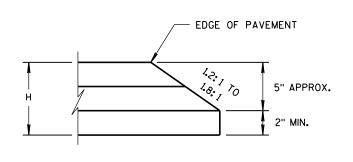


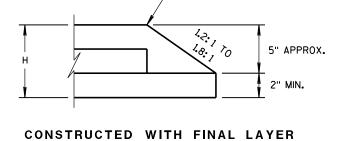


FOR H 5" OR LESS

CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS





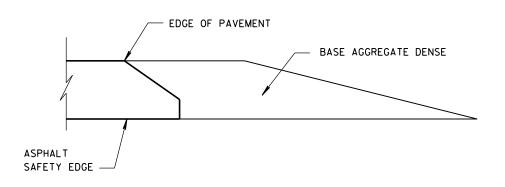
FOR H GREATER THAN 5"

EDGE OF PAVEMENT

CONSTRUCTED WITH FINAL TWO LAYERS

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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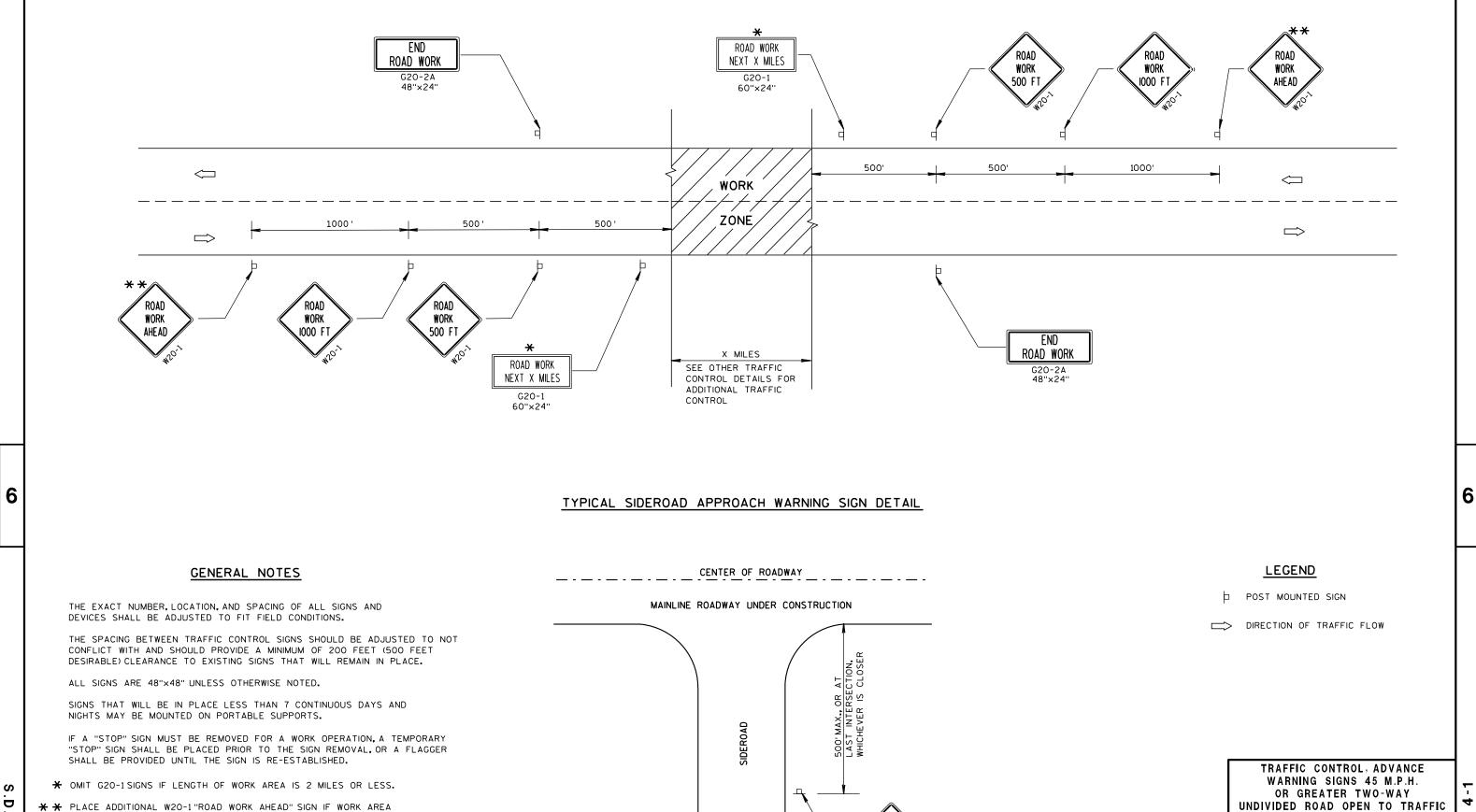
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APPROVED

DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER

6



STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

/S/ Chester J. Spang
CHIEF SIGNS AND MARKING ENGINEER

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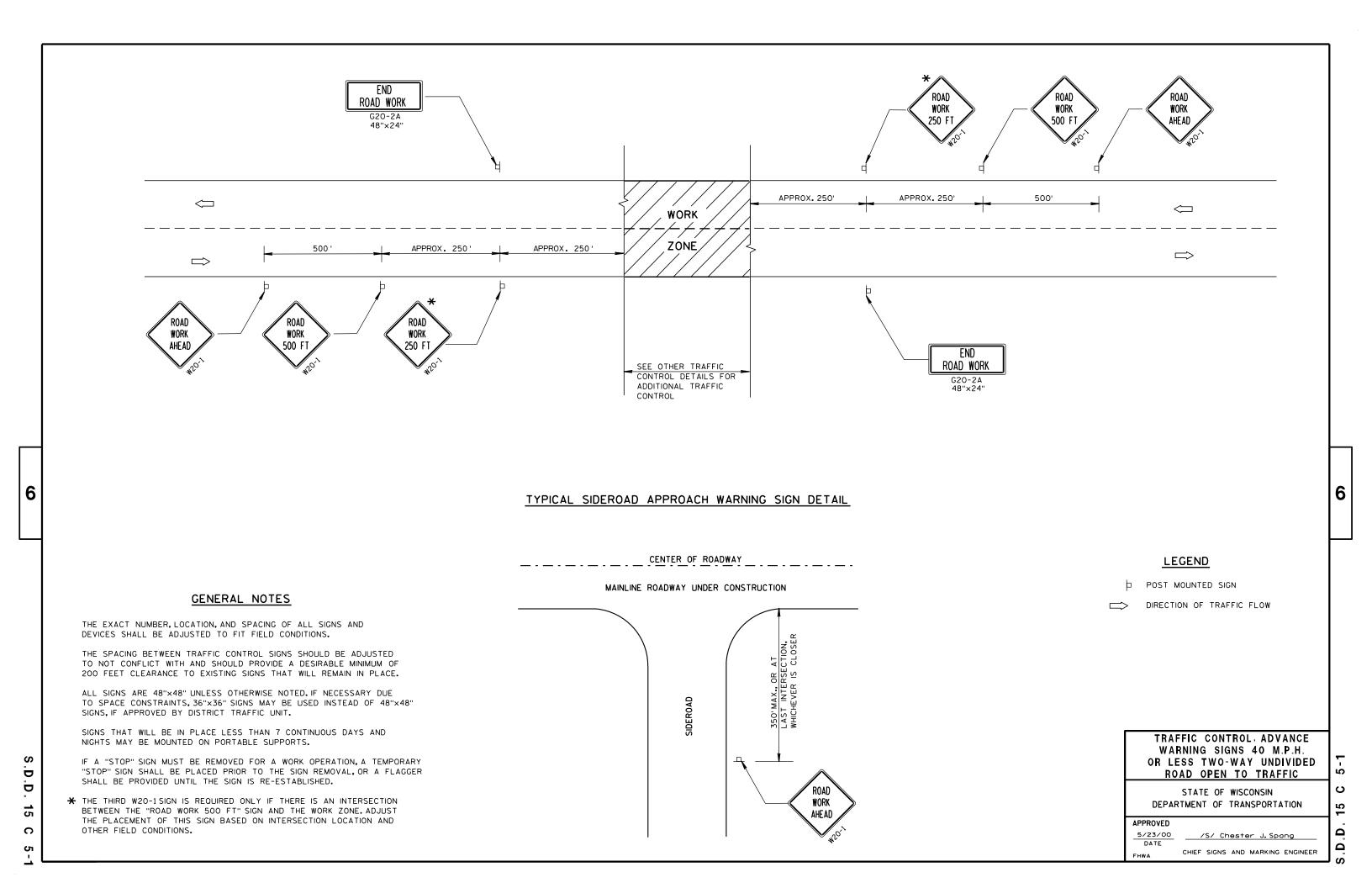
APPROVED

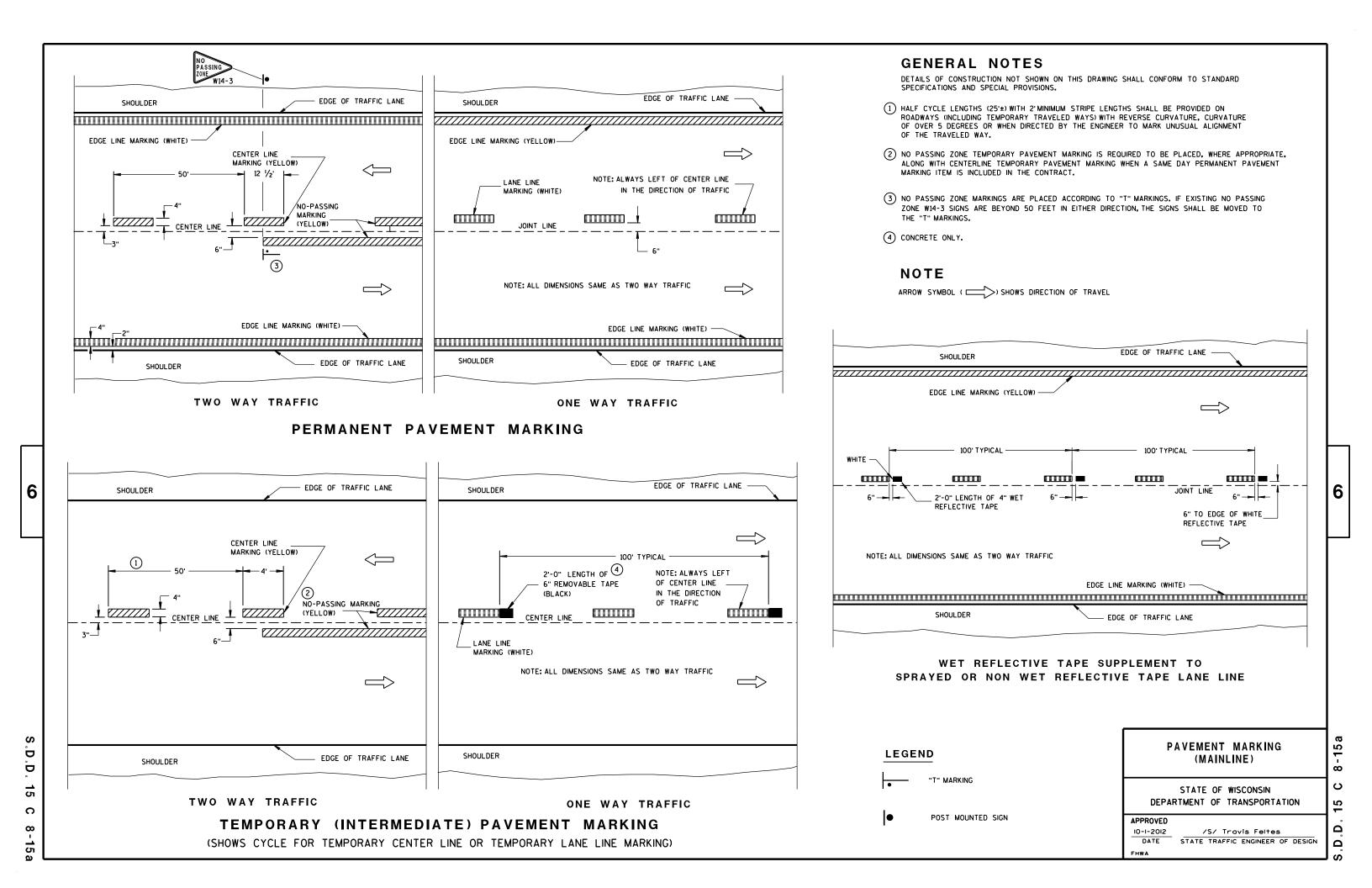
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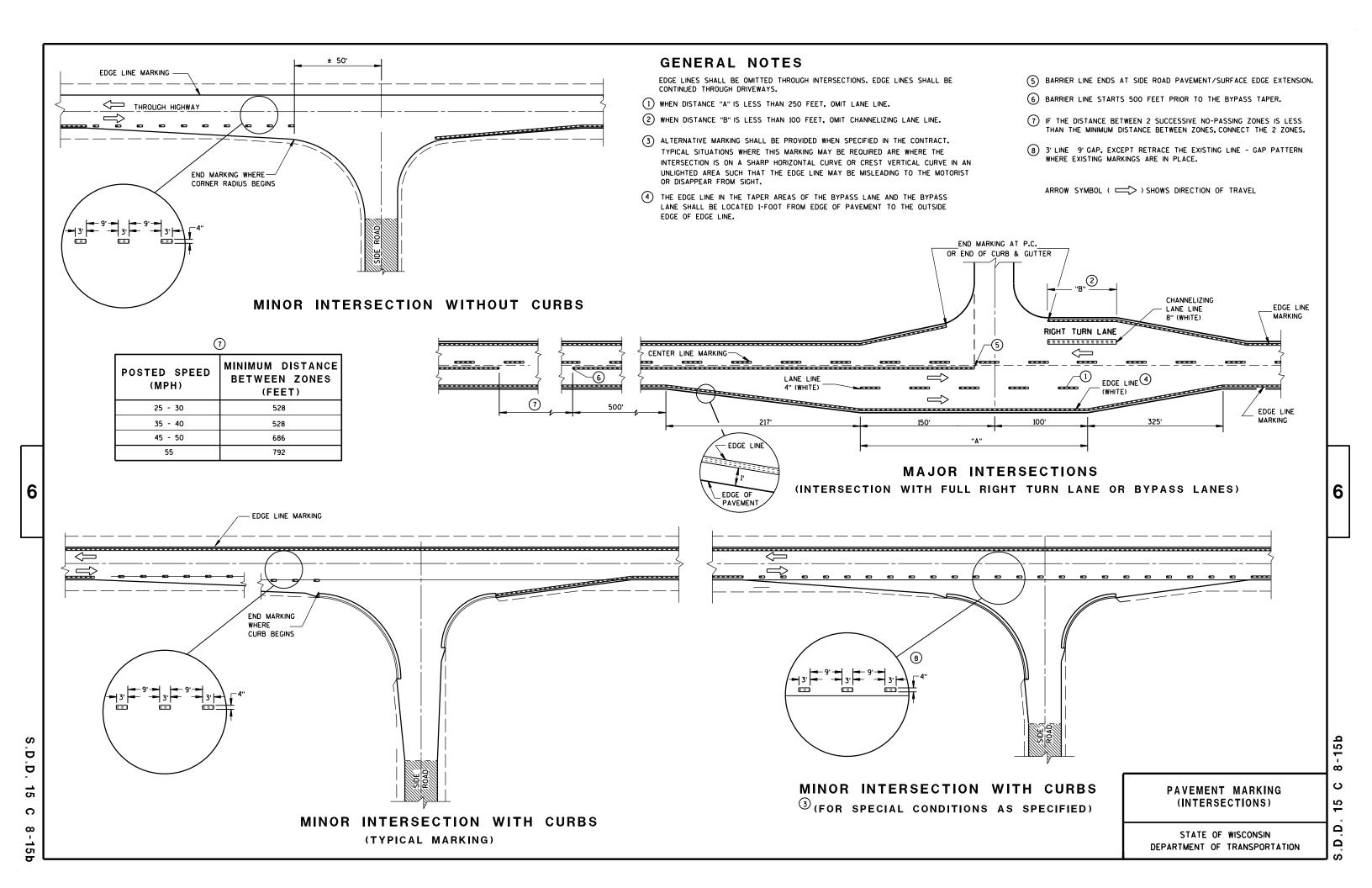
S.D.D. 15 C 4-1

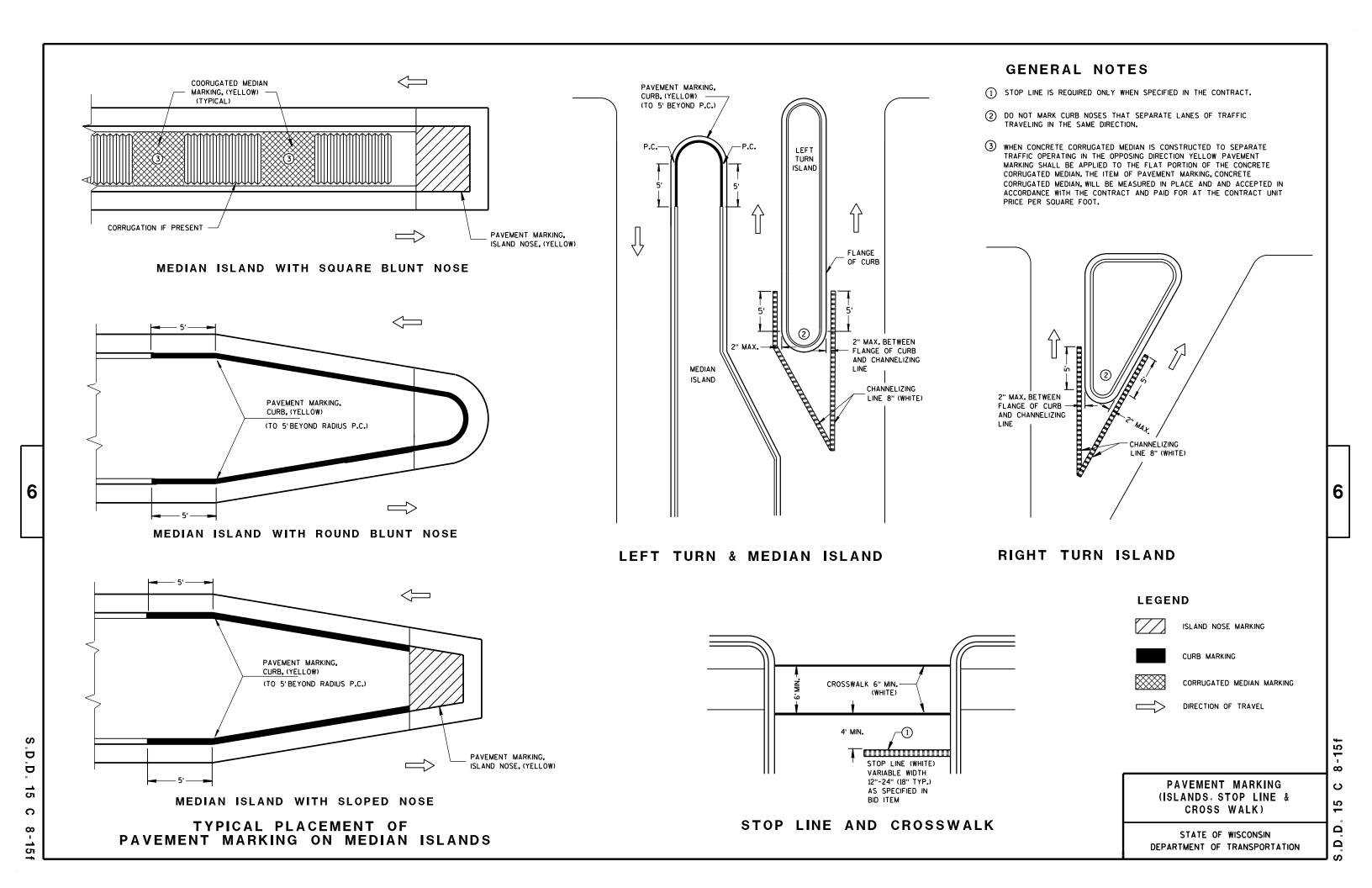
WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM

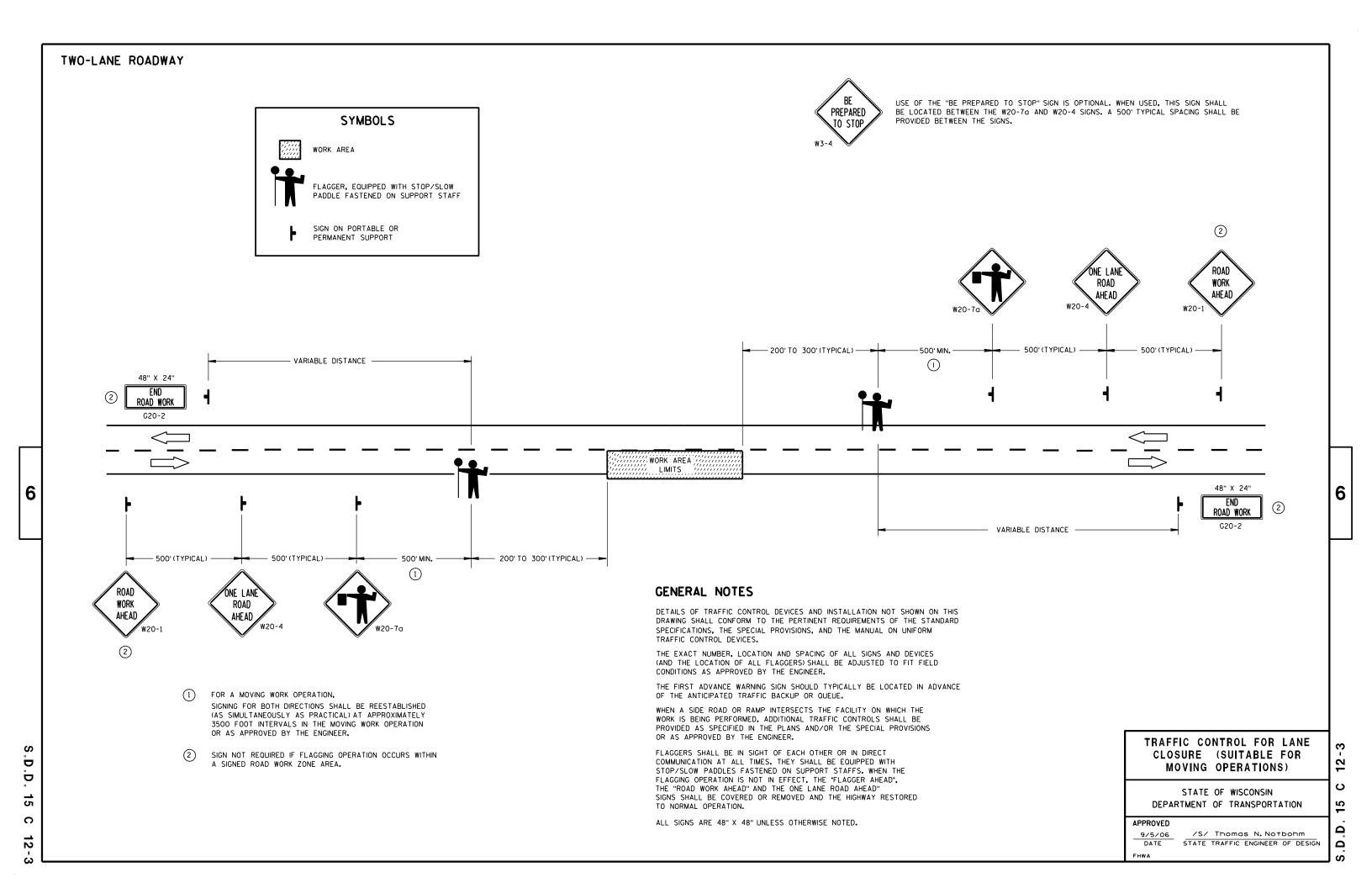
PREVIOUS WORK AREA OR SIGNING.

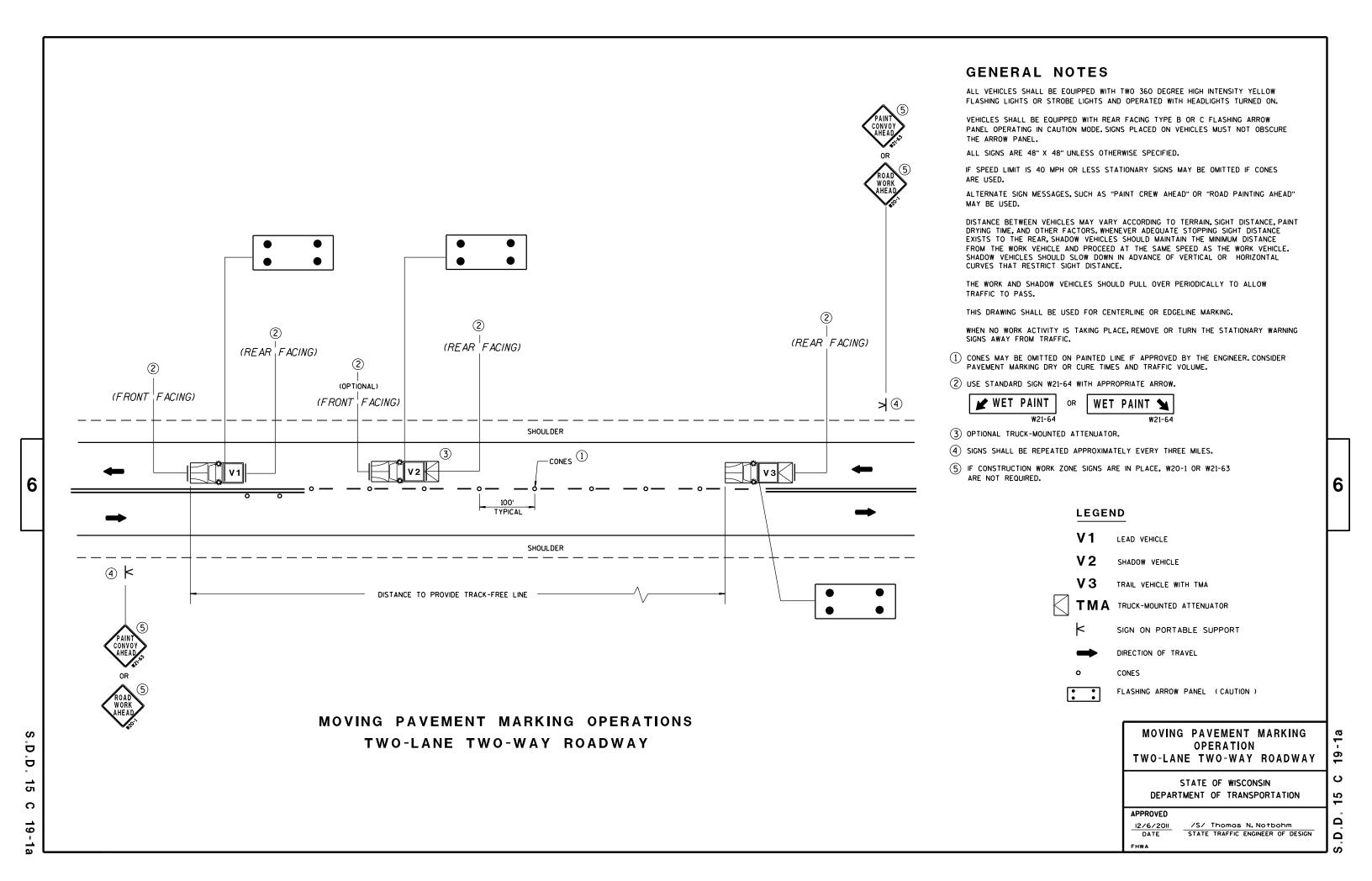














urban area

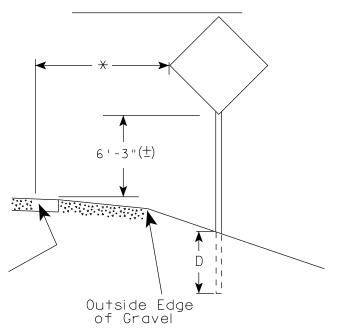
2' Min - 4' Max (See Note 5)

** Curb Flowline

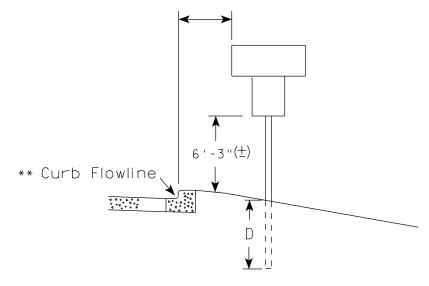
D

White Edgeline
Location

RURAL AREA (See Note 2)



2' Min - 4' Max (See Note 5)



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.

* 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.

GENERAL NOTES

- 1. Signs wider than 4 feet or larger than 20 sq. ft. 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), Clearance Markers (W5-52), Mile Markers (D10 series) & End of Road 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 R Rawl For State Traffic Engineer

DATE 9/21/2011 PLATE NO. A4-3.16

PROJECT NO:

HWY:

COUNTY:

PLOT DATE: 21-SEP-2011 13:33

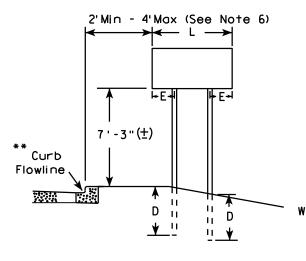
PLOT BY: mscsia

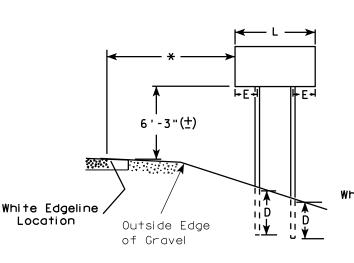
PLOT NAME :

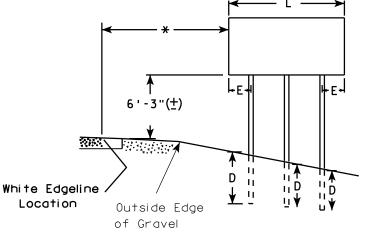
SHEET NO:

URBAN AREA

RURAL AREA (See Note 3)







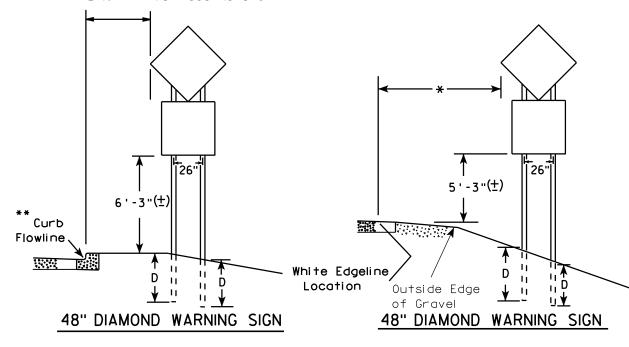


Ε

12"

L/5

HWY:



SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)		
L	E	
Greater than 120" less than 168"	12"	

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)		
L	E	
168" and greater	12"	

PLOT DATE: 21-SEP-2011 13:36

GENERAL NOTES

- 1. For multiple 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 (A4-5) 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 stop signs (R1-1F) 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) & End of Road Markers (W5-56 & W5-56A) shall be mounted at a height of 4"-3" (±).
- * 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.
- ** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.
- *** See A4-3 sign plate for signs 4' or less in width or 20 S.F. or less in area.

POST EMBEDMENT DEPTH

D
(Min)
4'
5'

TYPICAL INSTALLATION
OF TYPE II SIGNS
ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

/ anner

For State Traffic Engineer

DATE 9/21/2011 PLATE NO. A4-4.11

PROJECT NO:

Greater than 48"

Less than 60"

60" to 120"

* * *

COUNTY:

NIY:

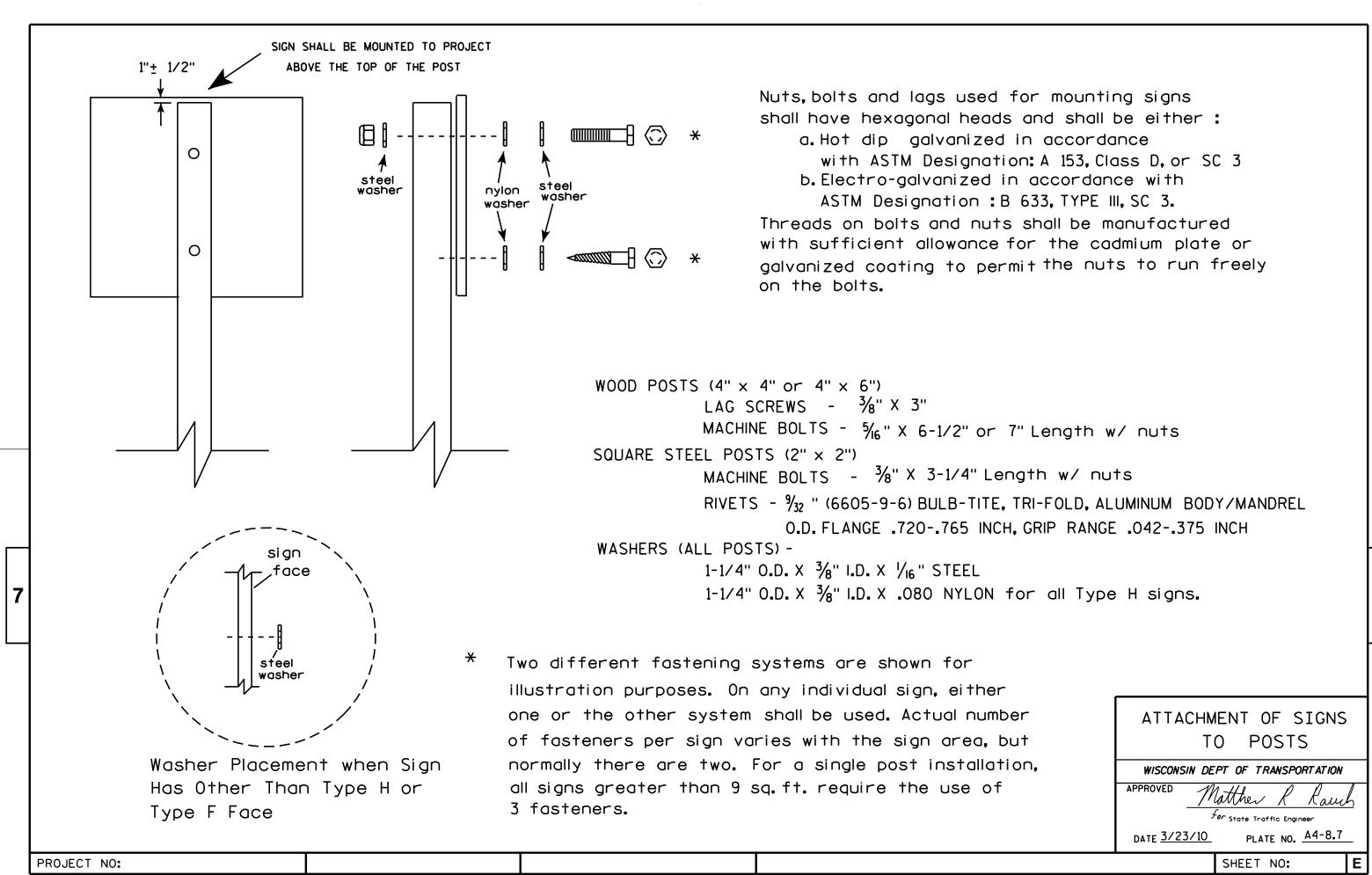
PLOT BY : mscs id PLOT NAME :

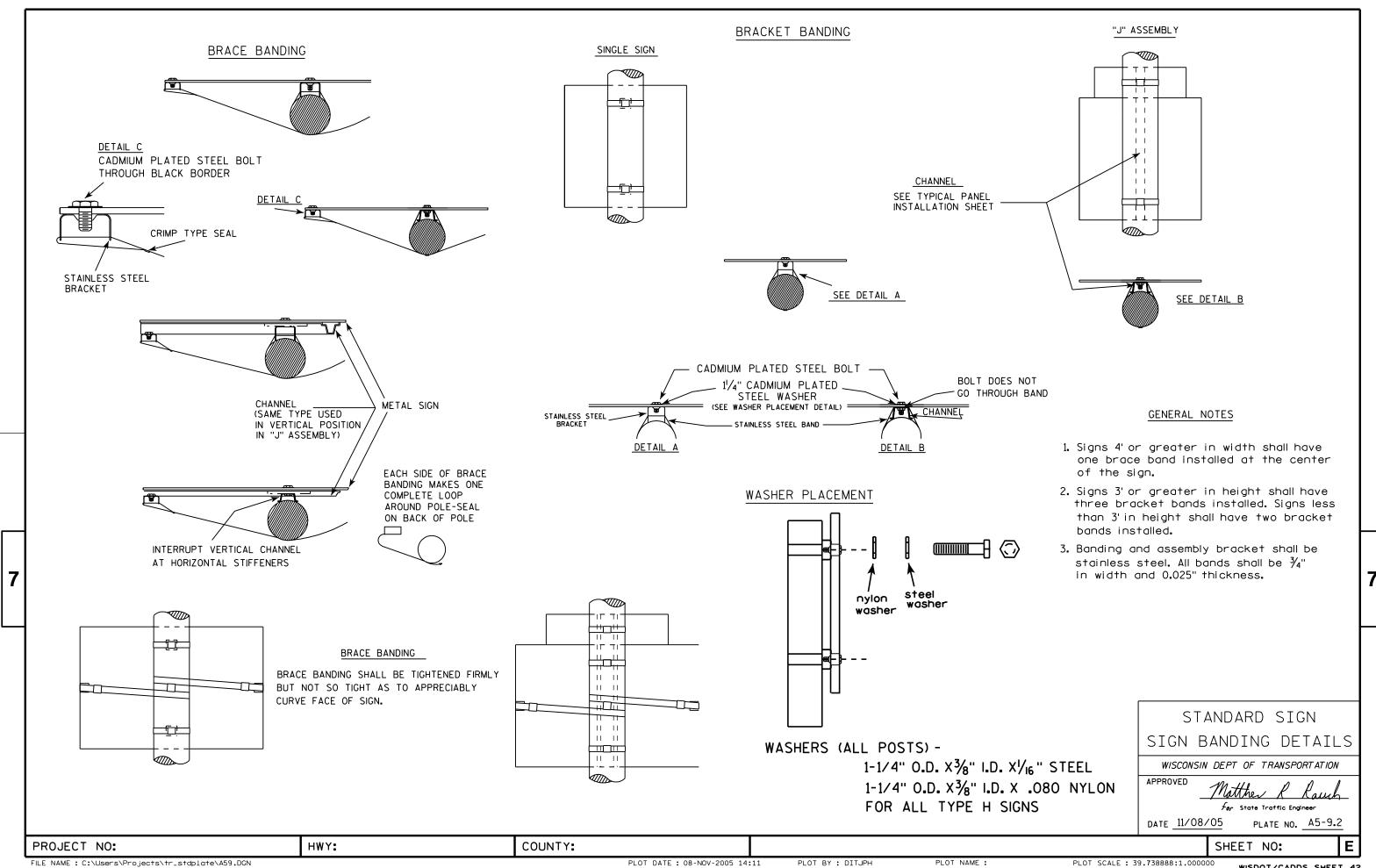
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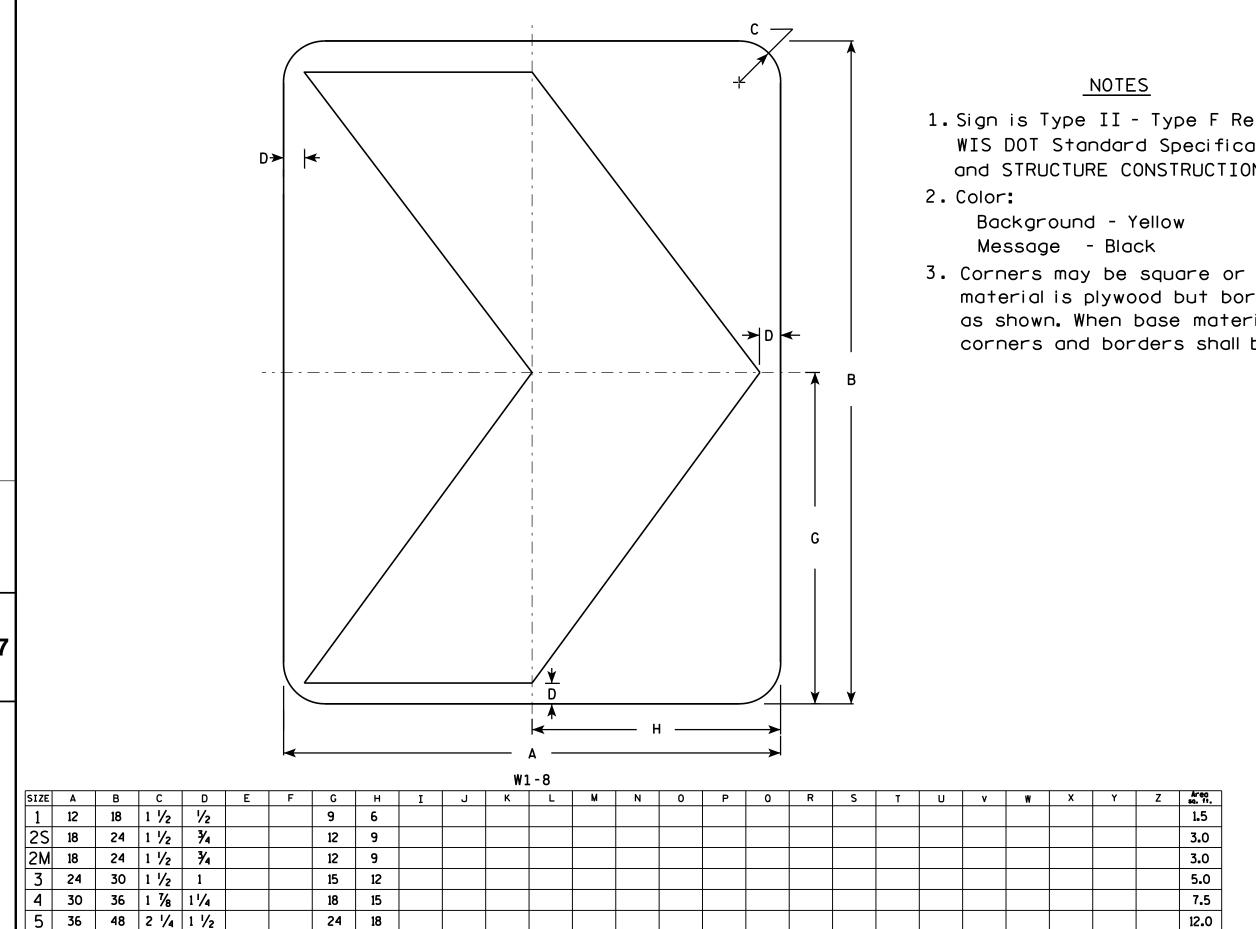
APPROVED

WISDOT/CADDS SHEET 42

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)







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:





Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

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