WIS MAY 2014

ORDER OF SHEETS

Section No. 1 Typical Sections and Details Section No. 2 Estimate of Quantities Section No. 3 Section No. 3 Miscellaneous Quantities

Section No. 4 Right of Way Plat Section No. 5 Plan and Profile

Section No. 6 Standard Detail Drawings Section No. 7

Section No. 8 Structure Plans Section No. 9 Computer Earthwork Data

Section No. 9 Cross Sections

TOTAL SHEETS = 154

DESIGN DESIGNATION

A.A.D.T. 2012 = 1200 A.A.D.T. 2032 = 1500 D.H.V. = 234 = 62-38 = 18.3 DESIGN SPEED = 55 MPH = 649700

CONVENTIONAL SYMBOLS

PI AN CORPORATE LIMITS PROPERTY LINE LOT LINE LIMITED HIGHWAY EASEMENT EXISTING RIGHT OF WAY

PROFILE

GRADE LINE

ORIGINAL GROUND

SPECIAL DITCH

UTILITIES

ELECTRIC

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)

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

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

CITY POINT - WISCONSIN RAPIDS

CTH ZZ - STH 80

STH 54 WOOD COUNTY

> STATE PROJECT NUMBER 7513-00-81

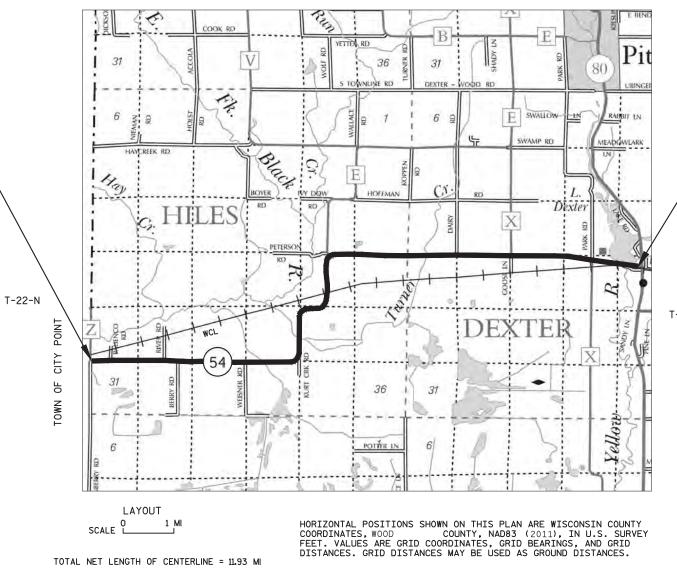
> > R-2-E

BEGIN PROJECT

Y = 437805.6980

X = 600968.7064

₫ Ø STA. 69+25



END PROJECT STA. 699+39 Y = 447080.61

X = 654886.54

T-22-N

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT

CONTRACT

PROJECT

WISC 2014202

STATE PROJECT

7513-00-81

R-3-E

PREPARED BY NC REGION Surveyor NORTH CENTRAL REGION CHERYL SIMON MIKE KRETSCHMER

APPROVED FOR THE DEPARTMENT

DATE: 12/12/2013

2

GENERAL NOTES

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.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITIY INSTALLATIONS THAT ARE SHOWN ON THE PLANS ARE APPROXIMATE. NOT ALL UTILITY INSTALLATIONS WITHIN THE PROJECT AREA ARE SHOWN.

DNR LIAISON

Marc Hershfield 473 Griffith Drive Wisconsin Rapids, WI 54494 (715)-421-7867 marc.hershfield@wisconsin.gov

Utilities

Scott Brookman
Oakdale Electric Coop.
PO Box 128
Oakdale WI 54649
1-608-372-4131 EXT 208
1-608-343-5340
sbrookma@oakdalerec.com

Steve Jakubiec
Central State Telephone
10 College Ave. Suite 218A
Appleton, WI 54911
1-920-882-4166
1-920-562-7221
Steve.jakubiec@tdstelecom.com



PROJECT NO: 7513-00-81 HWY: STH 54 COUNTY: WOOD GENERAL NOTES, ABBREVIATIONS, UTILITIES, DNR SHEET:

FILE NAME : n:\
PLOT BY : _____ PLOT BY : ____ PLOT NAME : 020101_gn.ppt PLOT SCALE : 1:1

2

HMA PAVEMENT TYPE E-1

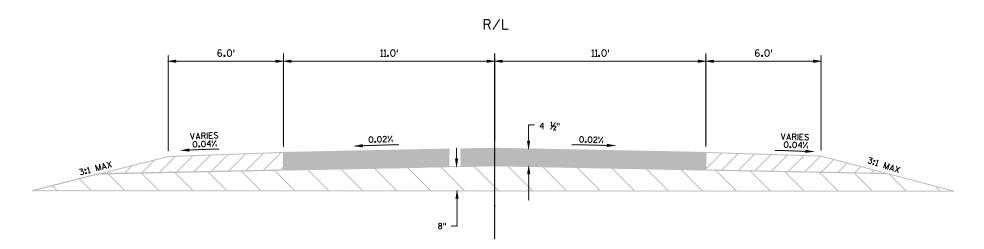
EXISTING ASPHALTIC PAVEMENT

EXISTING CRUSHED AGGREGATE BASE COURSE

¾" BASE AGGREGATE DENSE

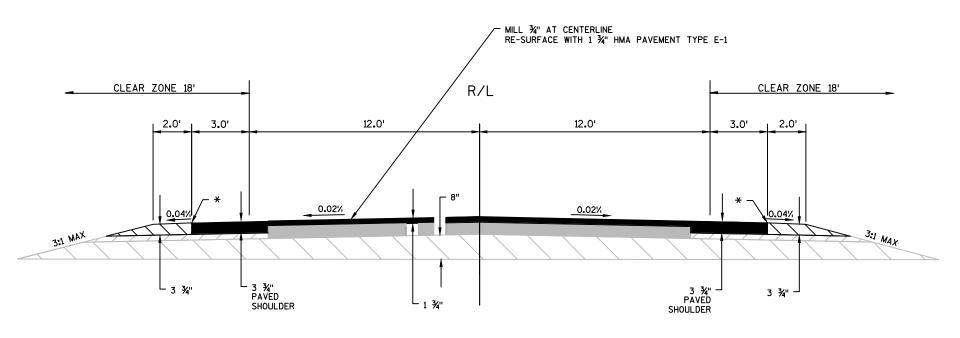
EXISTING SHOULDER BASE COURSE

NOTE: SEE SAFETY EDGE DETAIL



STH 54 EXISTING TYPICAL SECTION

STA. 197+02 - STA. 264+83 STA. 278+82 - STA. 313+95 STA. 327+96 - STA. 336+43 STA. 350+28 - STA. 387+27 STA. 398+50 - STA. 619+40 STA. 627+43 - STA. 699+39



STH 54 PROPOSED TYPICAL SECTION

STA. 197+02 - STA. 264+83 STA. 278+82 - STA. 313+95 STA. 327+96 - STA. 336+43 STA. 350+28 - STA. 387+27 STA. 398+50 - STA. 619+40 STA. 627+43 - STA. 699+39

PROJECT NO: 7513-00-81 HWY:STH 54 COUNTY: WOOD E PLAN: TYPICAL SECTION SHEET

HMA PAVEMENT TYPE E-1

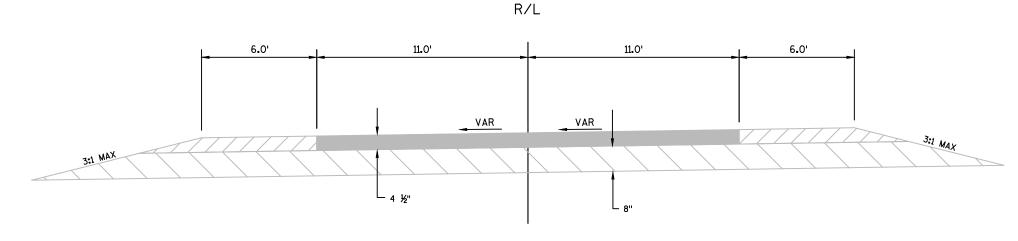
EXISTING ASPHALTIC PAVEMENT

EXISTING CRUSHED AGGREGATE BASE COURSE

¾" BASE AGGREGATE DENSE

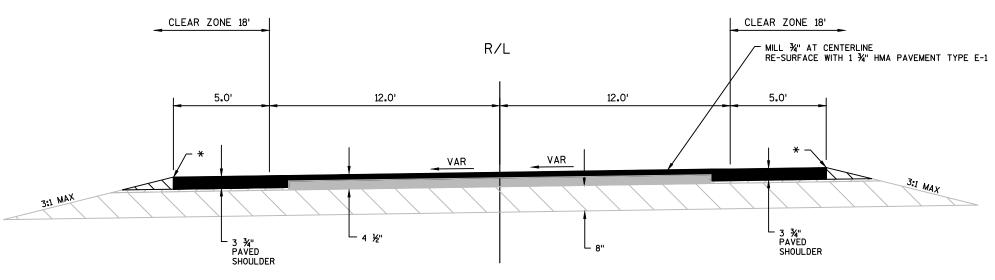
EXISTING SHOULDER BASE COURSE

* NOTE: SEE SAFETY EDGE DETAIL



STH 54 EXISTING TYPICAL SECTION (CURVES)

STA. 264+83 - STA. 278+82 STA. 313+95 - STA. 327+96 STA. 336+43 - STA. 350+28 STA. 387+27 - STA. 398+50 STA. 619+40 - STA. 627+43



STH 54 PROPOSED TYPICAL SECTION (CURVES)

STA. 264+83 - STA. 278+82 STA. 313+95 - STA. 327+96 STA. 336+43 - STA. 350+28 STA. 387+27 - STA. 398+50 STA. 619+40 - STA. 627+43

E

HMA PAVEMENT TYPE E-1

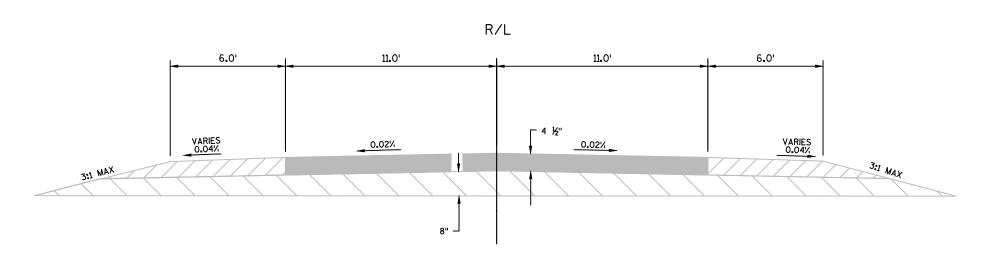
EXISTING ASPHALTIC PAVEMENT

EXISTING CRUSHED AGGREGATE BASE COURSE

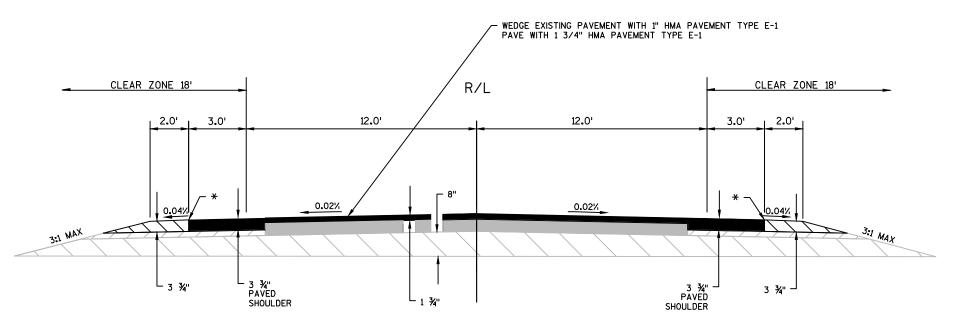
34" BASE AGGREGATE DENSE

EXISTING SHOULDER BASE COURSE

* NOTE: SEE SAFETY EDGE DETAIL

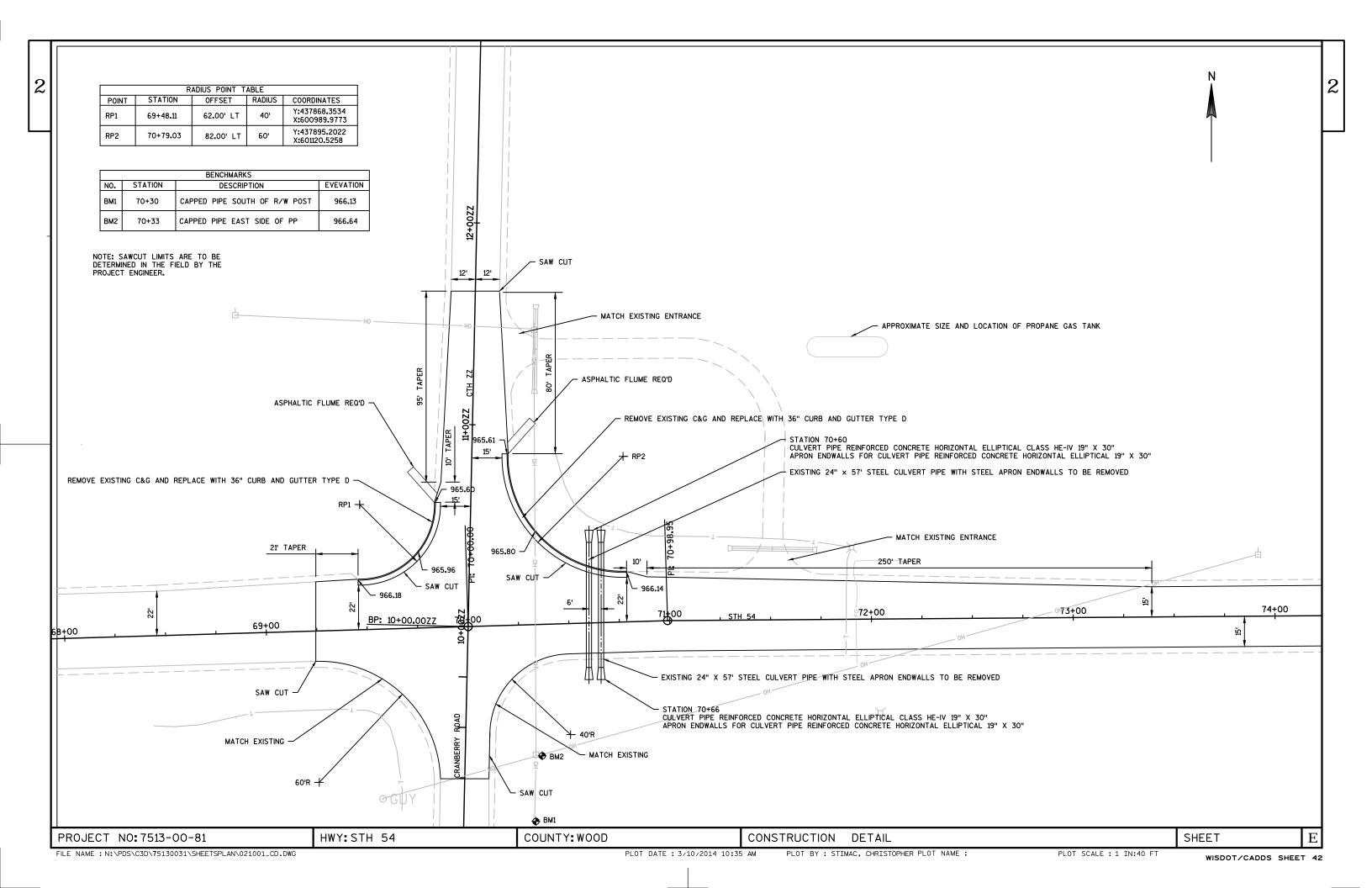


STH 54 EXISTING TYPICAL SECTION
STA. 70+30 - STA. 197+02

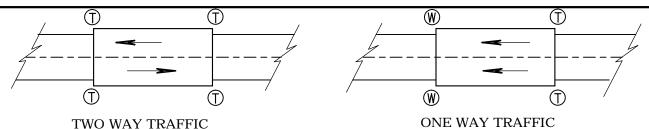


STH 54 PROPOSED TYPICAL SECTION
STA. 70+30 - STA. 197+02

PROJECT NO:7513-00-81 HWY:STH 54 COUNTY:WOOD PLAN: TYPICAL SECTION SHEET ____ E







GENERAL NOTES

BOLT THE THRIE BEAM TO ALL POSTS AND BLOCKOUTS. DRILL OR PUNCH BOLT HOLES IN THE BEAM IF THE POST SPACING IS LESS THAN 6'-3.

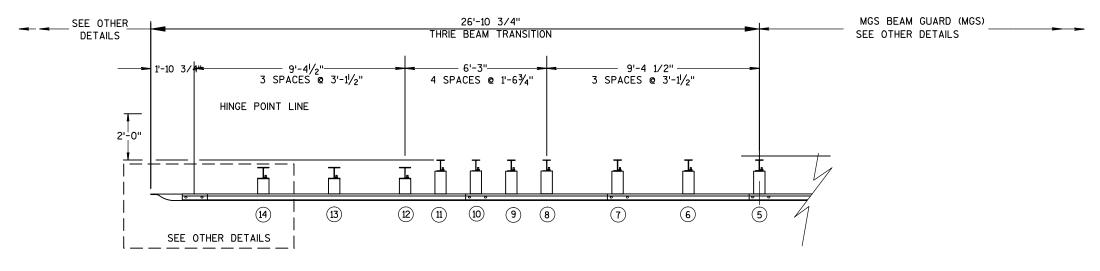
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS $2\frac{1}{2}$ ", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

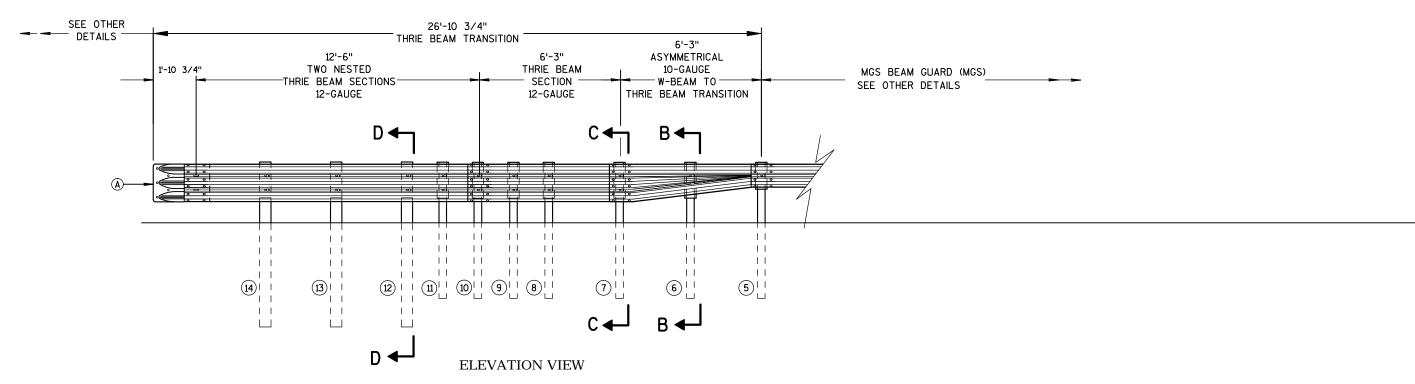
THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

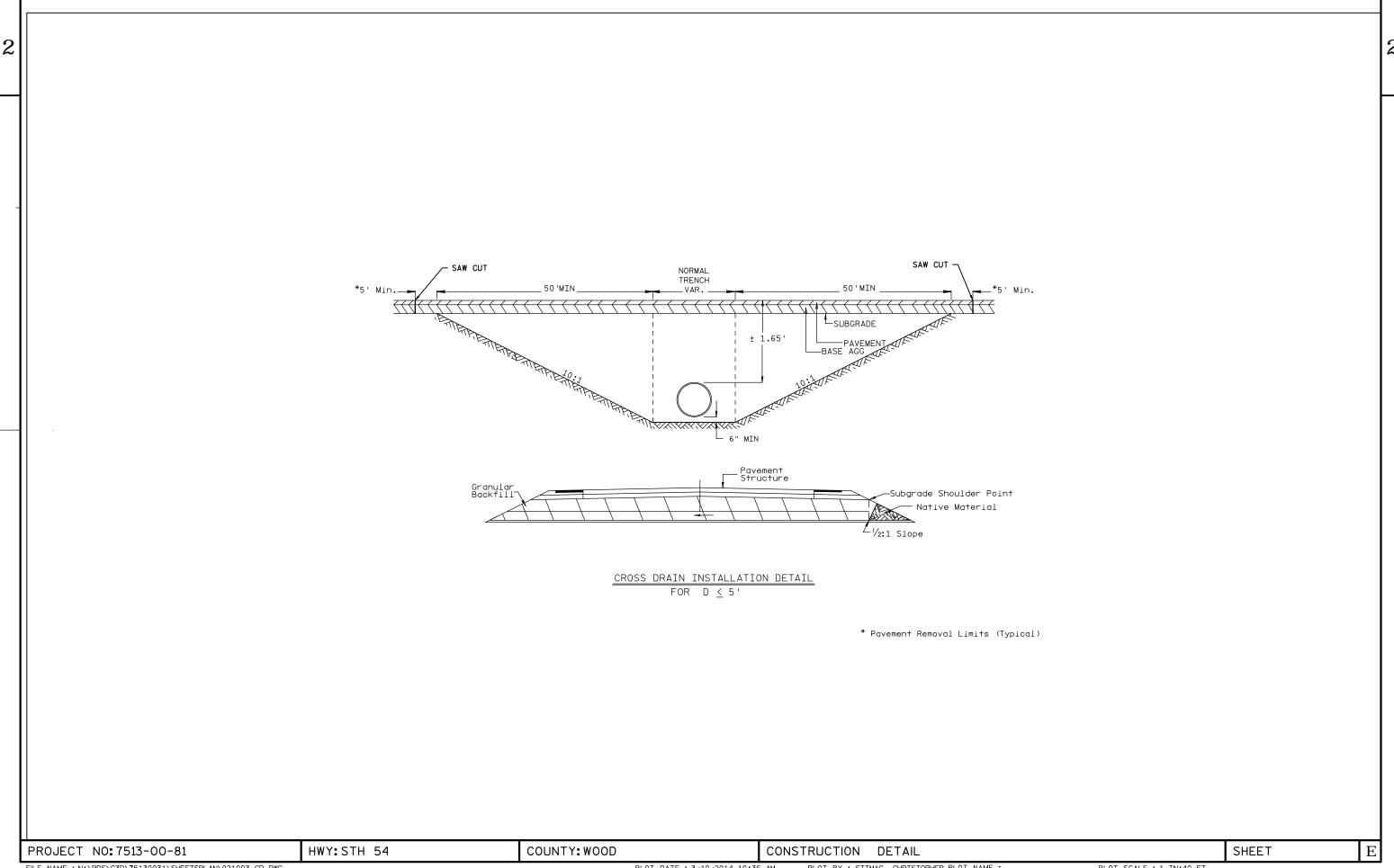


PLAN VIEW

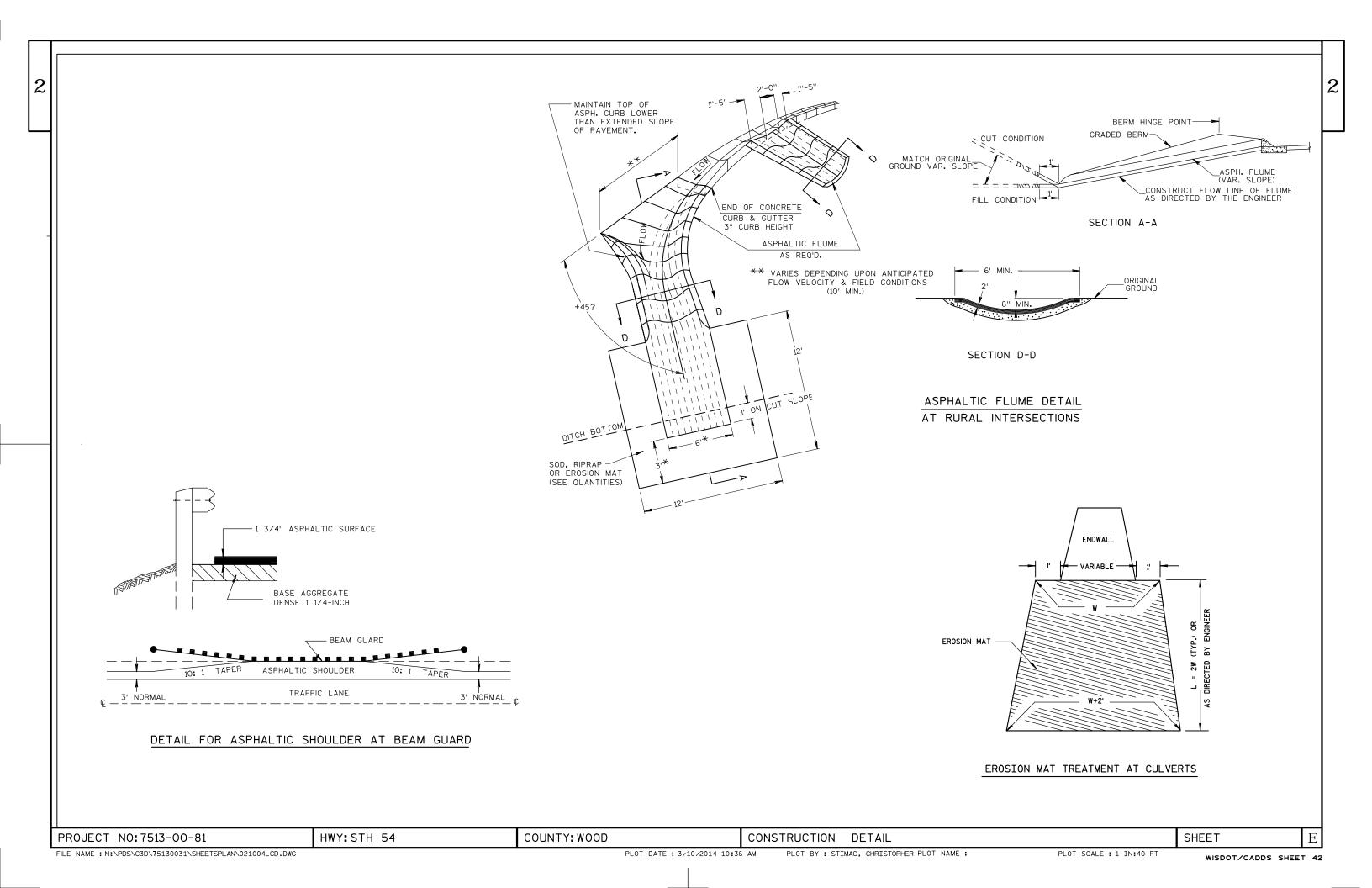


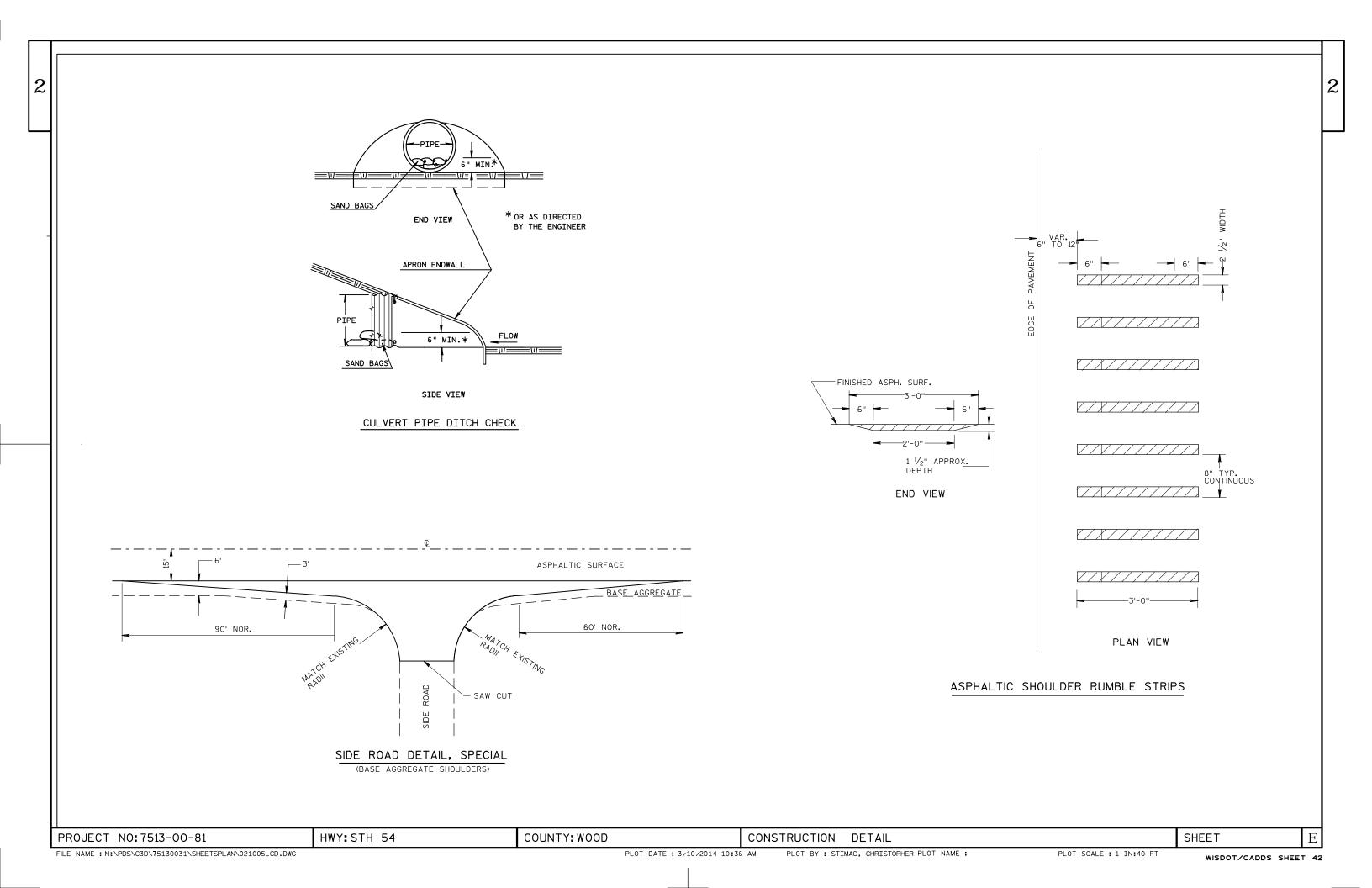
THRIE BEAM TRANSITION

PROJECT NO:7513-00-81 HWY:STH 54 COUNTY:WOOD CONSTRUCTION DETAIL SHEET E



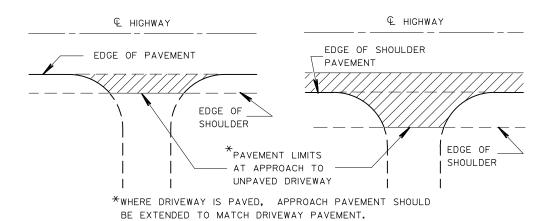
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DETAIL OF BUTTED JOINT

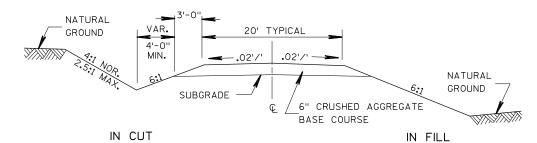
* EXACT DIMENSIONS TO BE DETERMINED BY ENGINEER IN THE FIELD.



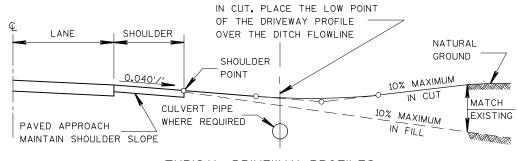
PLAN VIEW

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL

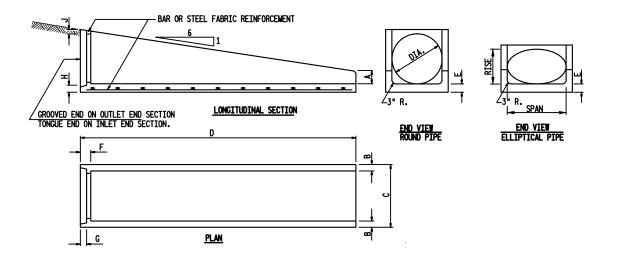


TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE

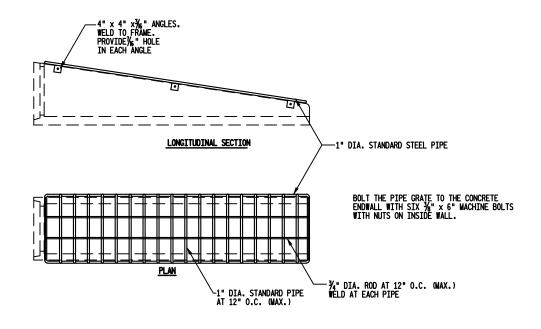


TYPICAL DRIVEWAY PROFILES

PROJECT NO:7513-00-81 HWY:STH 54 COUNTY:WOOD CONSTRUCTION DETAIL SHEET E



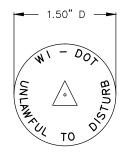
PIPE	ELLIPTICAL		DIMENSIONS								
DIA.	PIPE		(INCHES)								
(IN.)	RISE (IN.)	SPAN (IN.)	Α	В	С	D	E	F	G	Н	J
15	-	-	6	2 1/4	19.5	67.5	4	5	3	4	2 1/4
18	-	-	6	2 1/3	24	100	4	5	3	4	2 1/3
24	-	-	6	3	30	125	4	5	3	4	3
30	-	-	6	3 1/2	37	150	4	5	3	4	3 1/2
-	19	30	6	3 1/4	36 1/2	97 1/2	4	5	3	4	3 1/4
-	24	38	6	3 3/4	45 1/2	130 1/2	4	5	3	4	3 3/4
-	29	45	6	4 1/2	54	165	4	5	3	4	4 1/2



REINFORCED CONCRETE ENDWALLS & GRATES SPECIAL

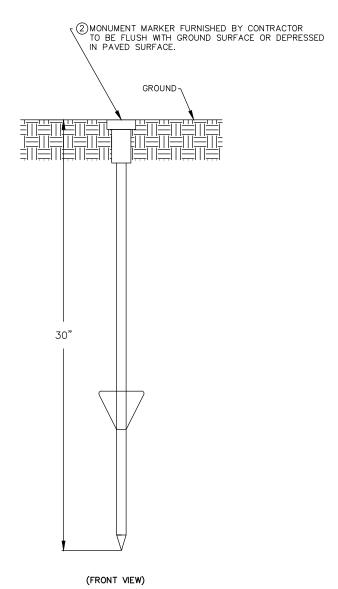
PROJECT NO:7513-00-81 HWY:STH 54 COUNTY:WOOD CONSTRUCTION DETAIL SHEET E





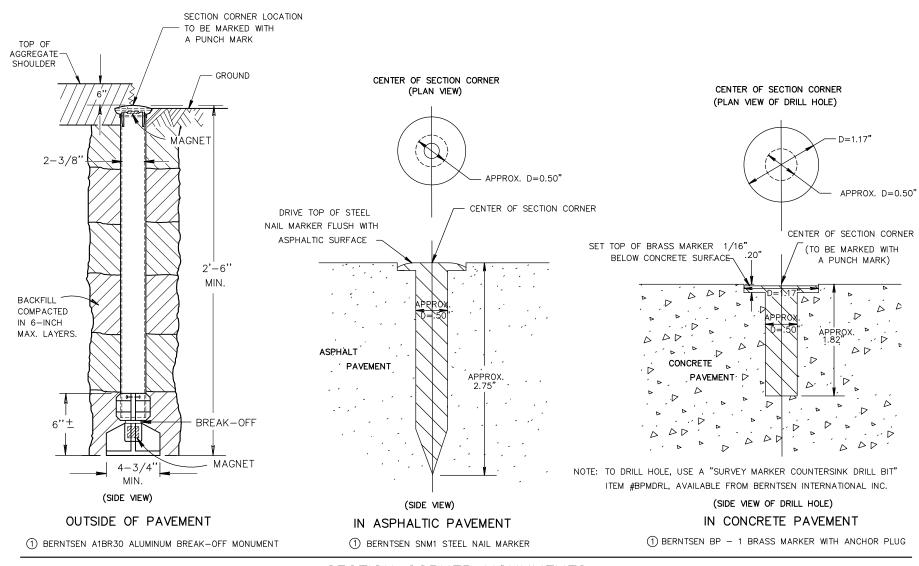
(2) WIS DOT MONUMENT CAP MARKER LOGO (SSDR130)

CONTRACTOR TO ORDER LANDMARK REFERENCE MONUMENTS WITH THE ABOVE STAMPING



BERNSTEN DRIVABLE MONUMENT SSDR130

LANDMARK REFERENCE MONUMENT (TIES ONLY)



SECTION CORNER MONUMENTS

GENERAL NOTES

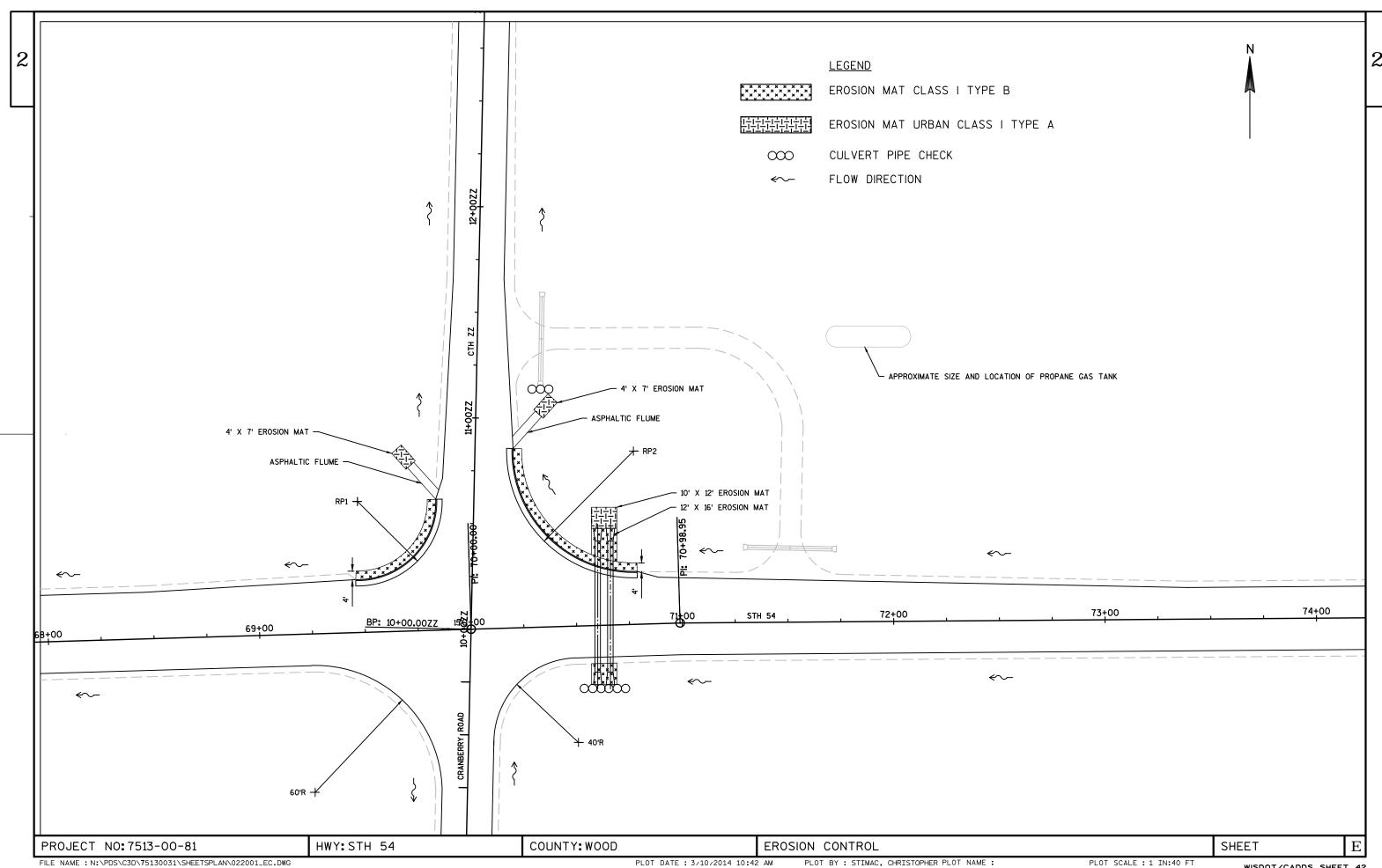
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

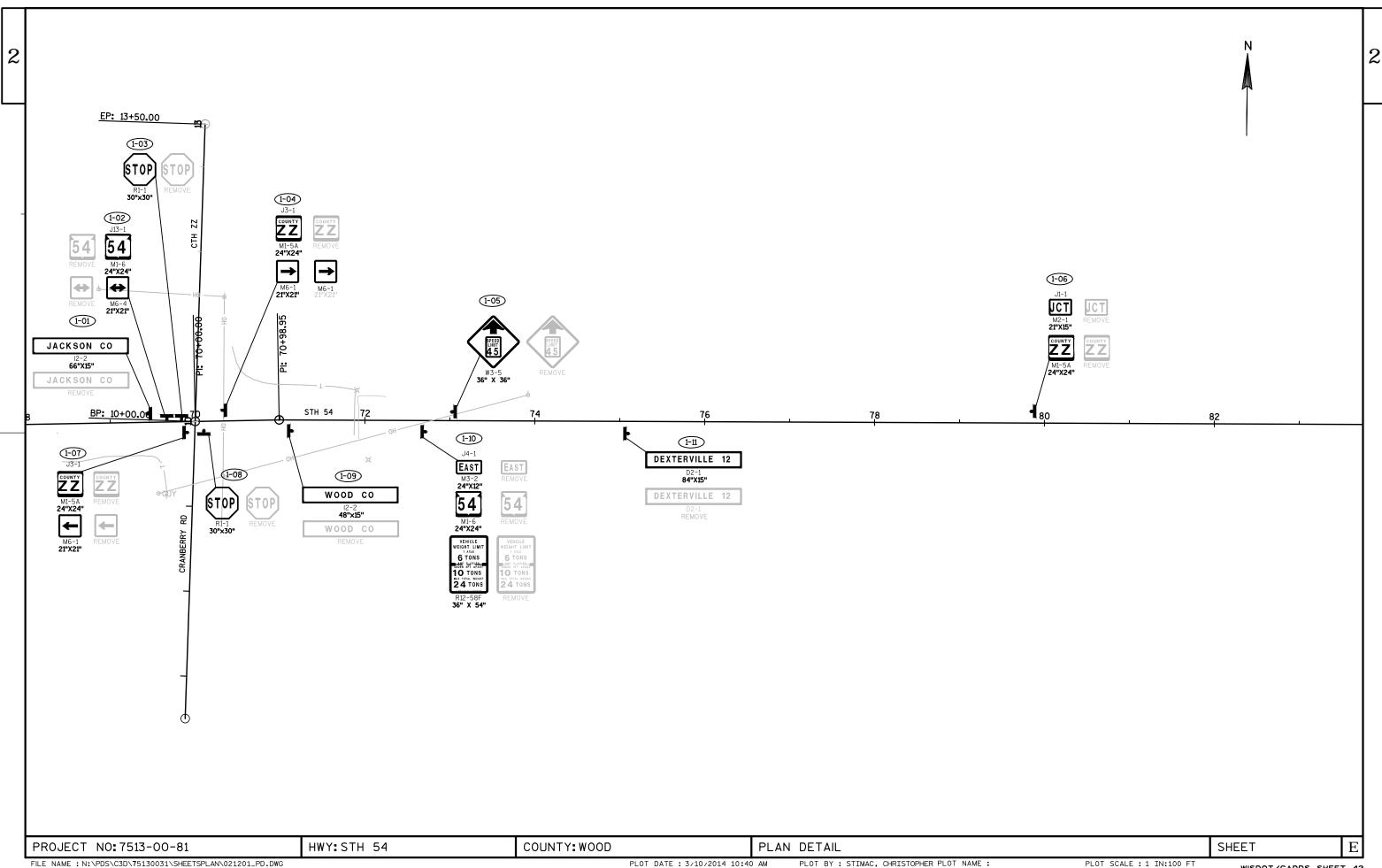
LOCATE LANDMARK REFERENCE MONUMENTS OUTSIDE THE CONSTRUCTION LIMITS AND WITHIN WISDOT RIGHT OF WAY. LOCATION TO BE APPROVED BY THE ENGINEER.

- 1 THE REGIONAL SURVEY COORDINATOR WILL SUPPLY.
- 2 CONTRACTOR WILL SUPPLY.

SECTION CORNER MONUMENT AND LANDMARK REFERENCE MONUMENT DETAIL

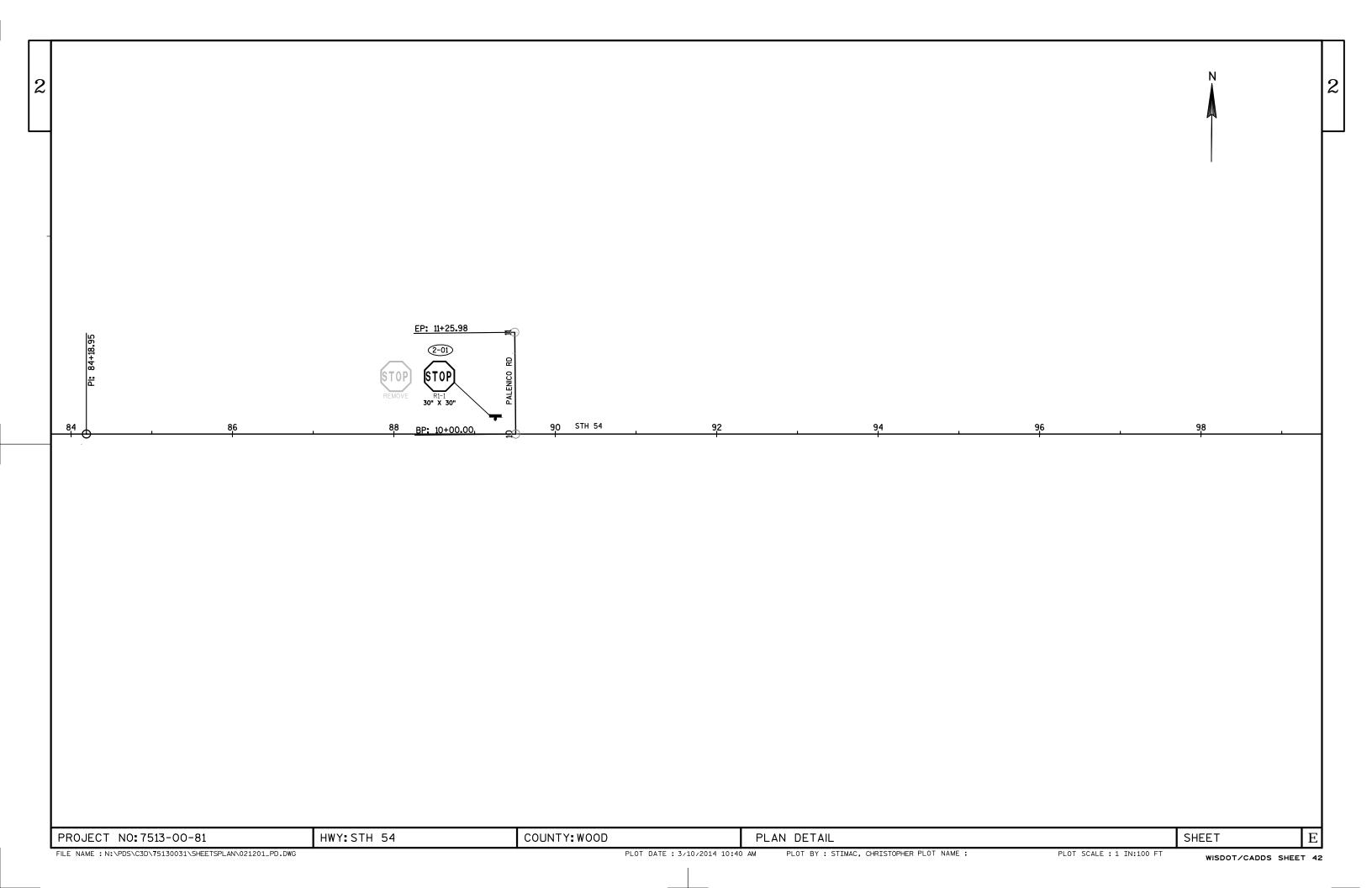
PROJECT NO: 7513-00-81 HWY:STH 54 COUNTY: WOOD CONSTRUCTION DETAILS SHEET

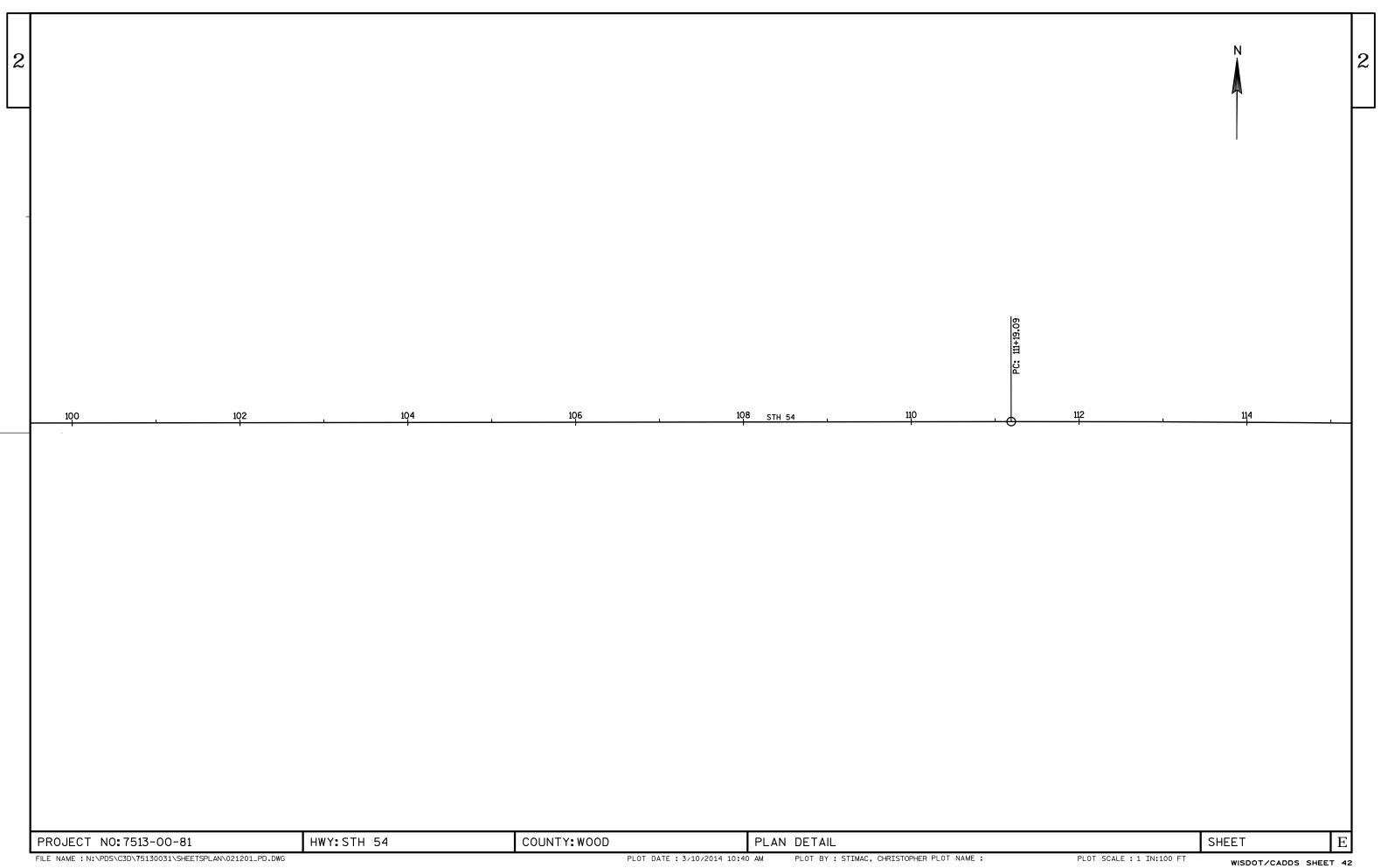


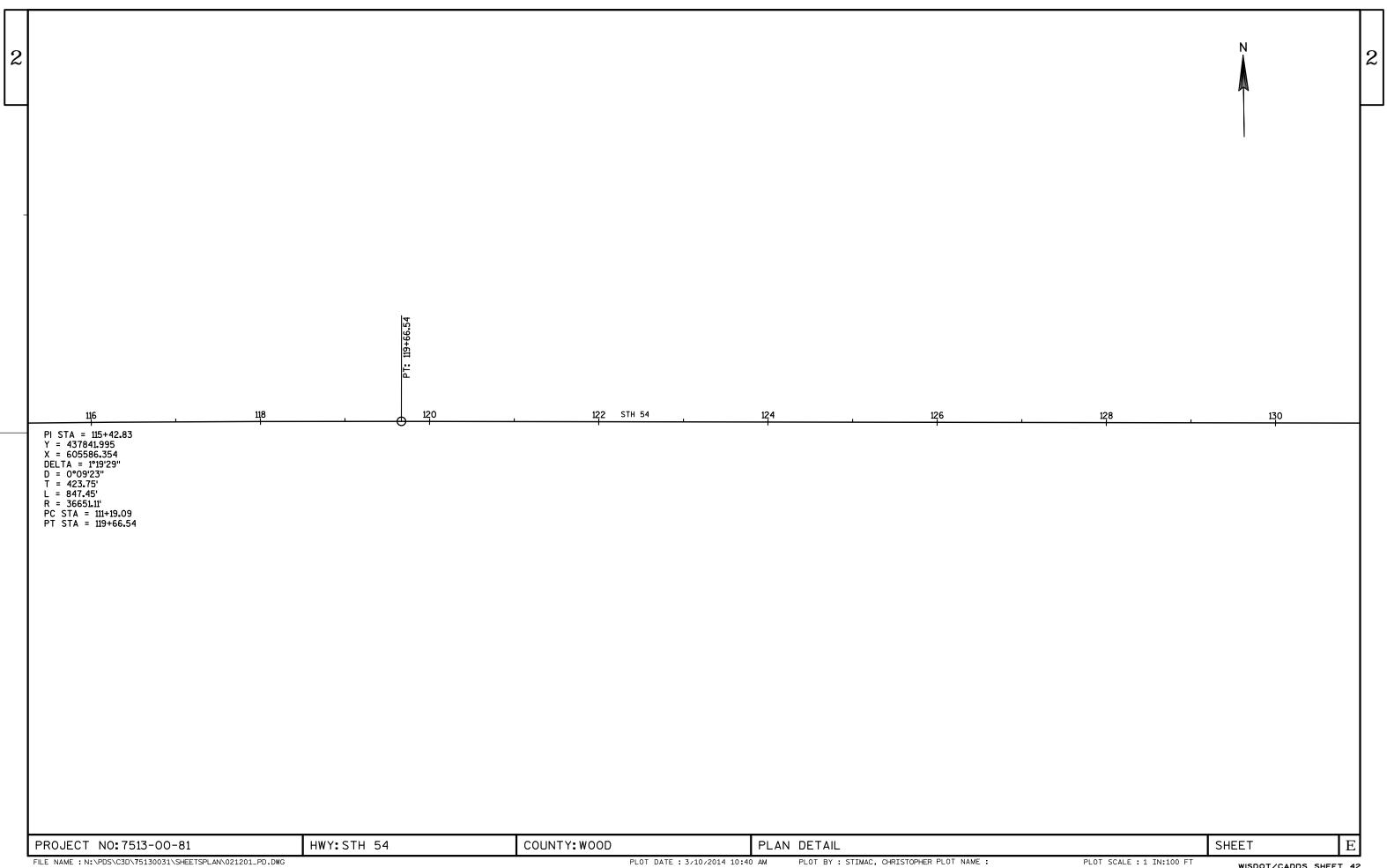


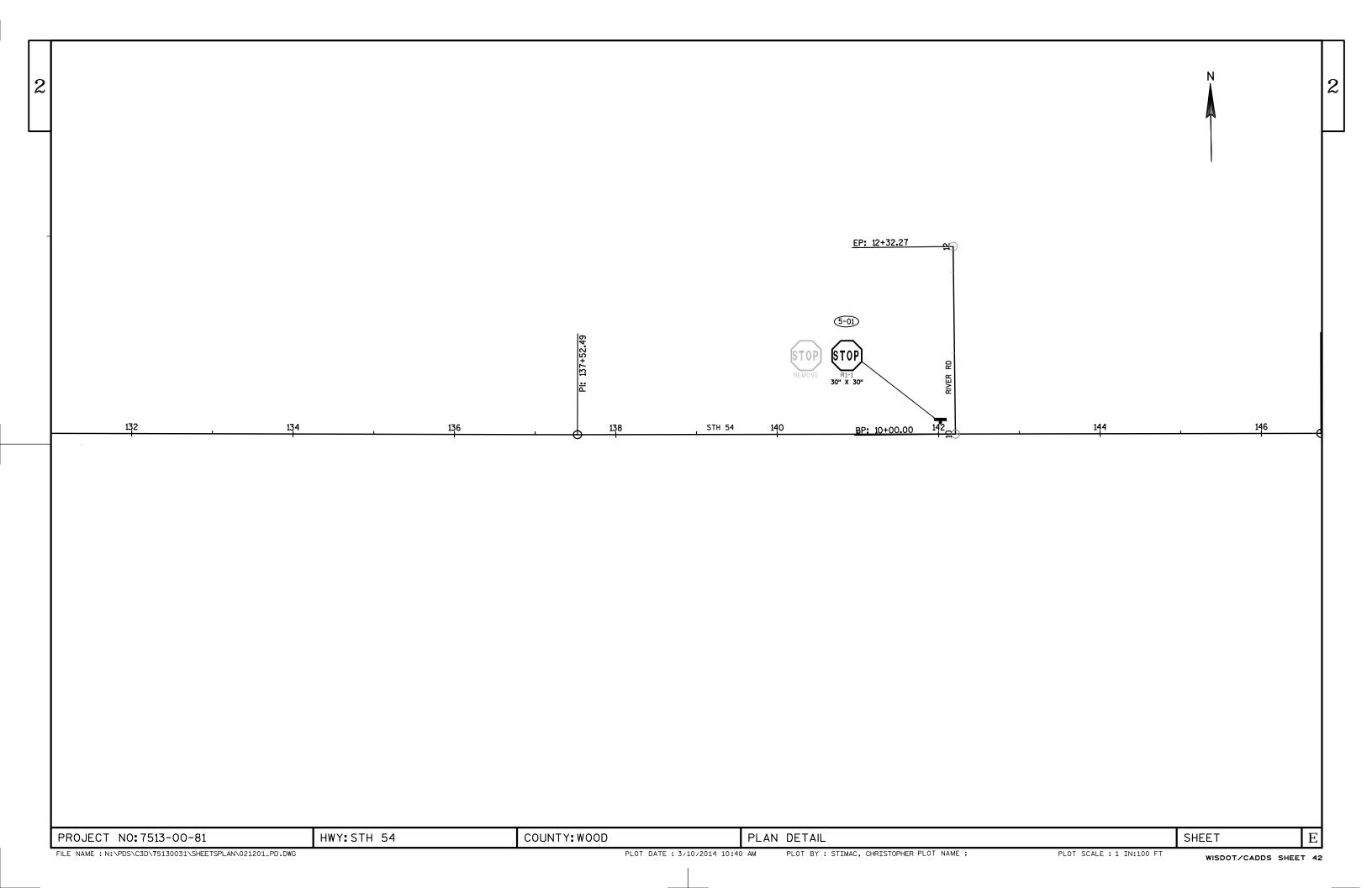
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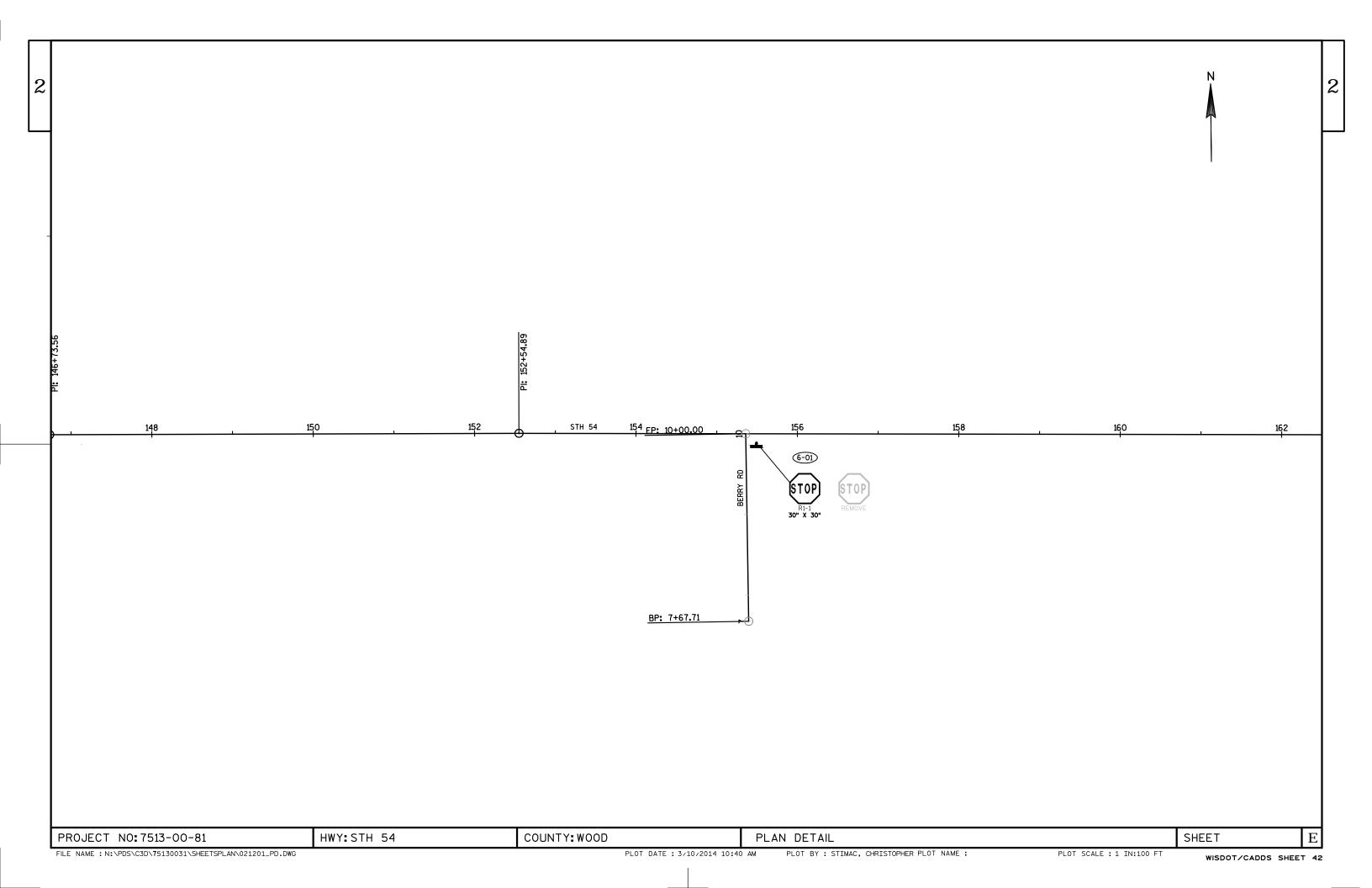
PLOT SCALE : 1 IN:100 FT

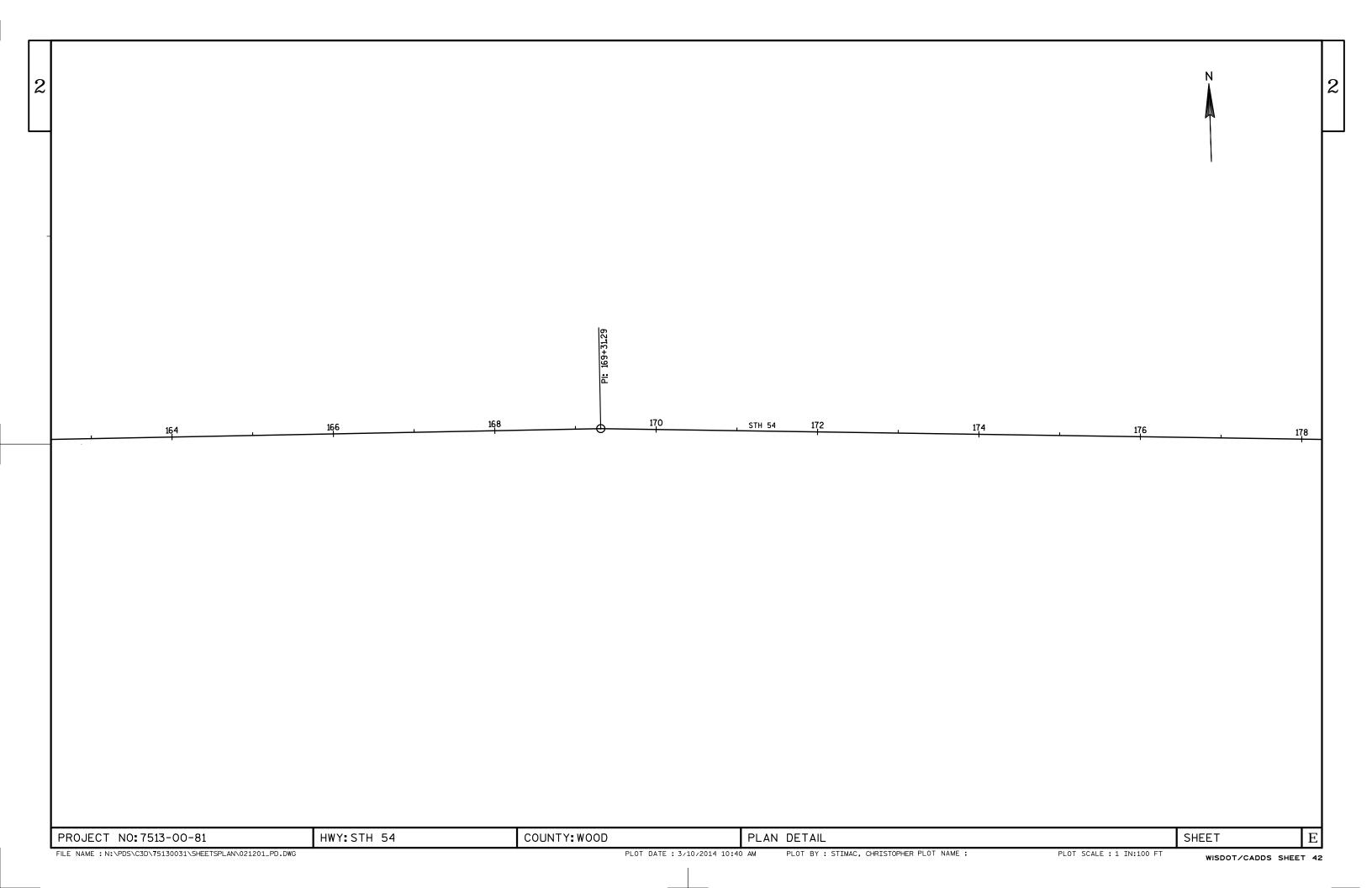


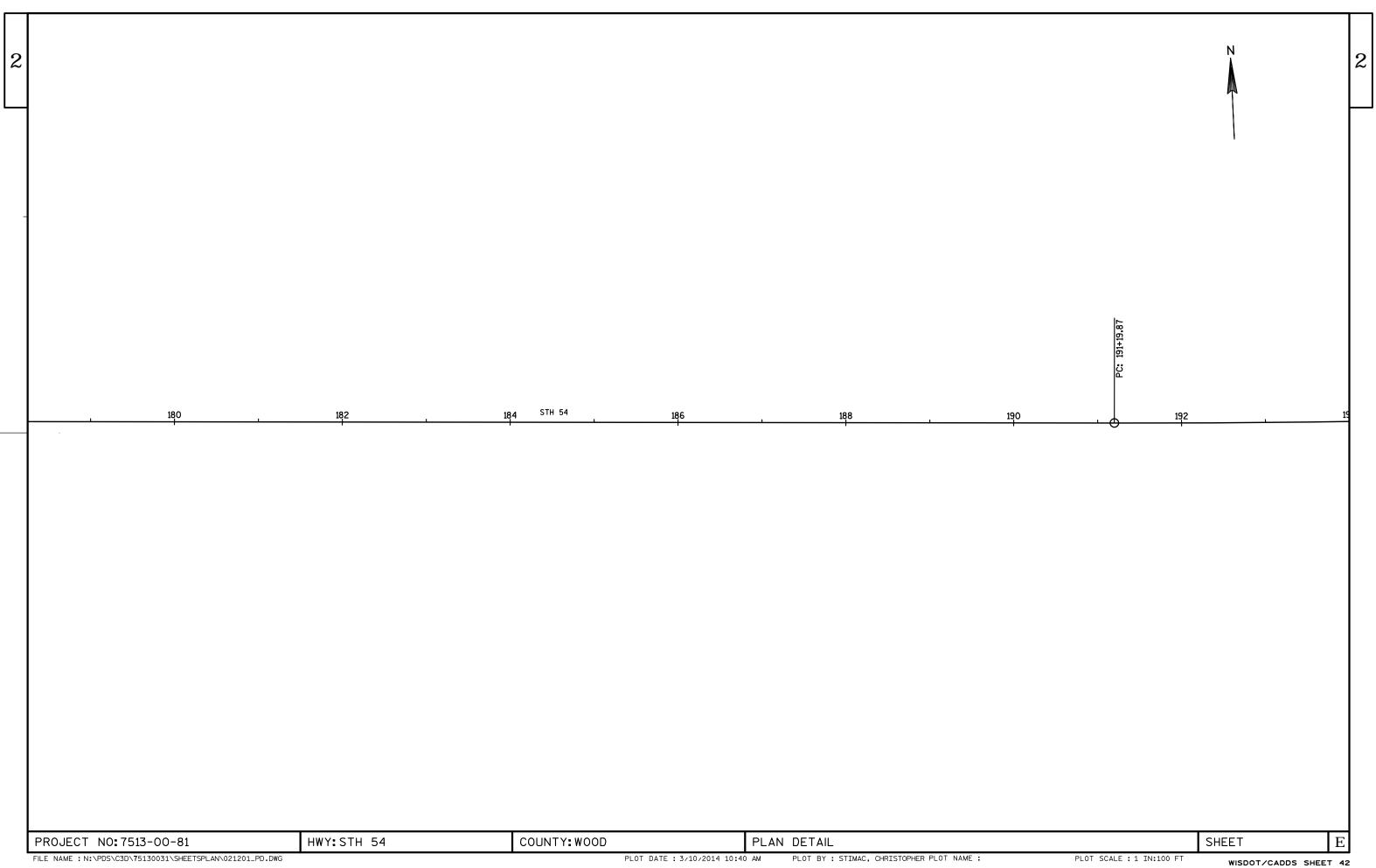


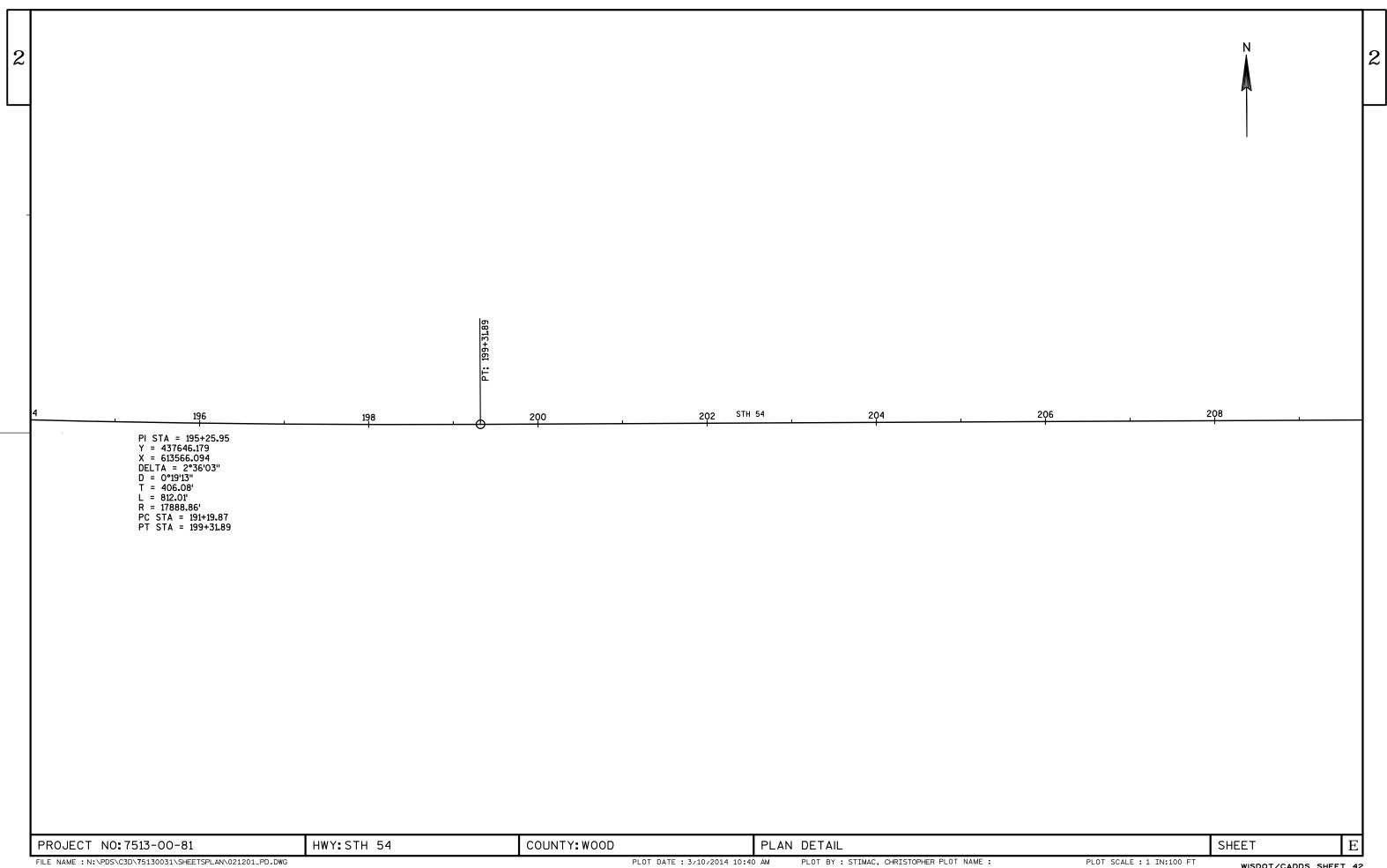


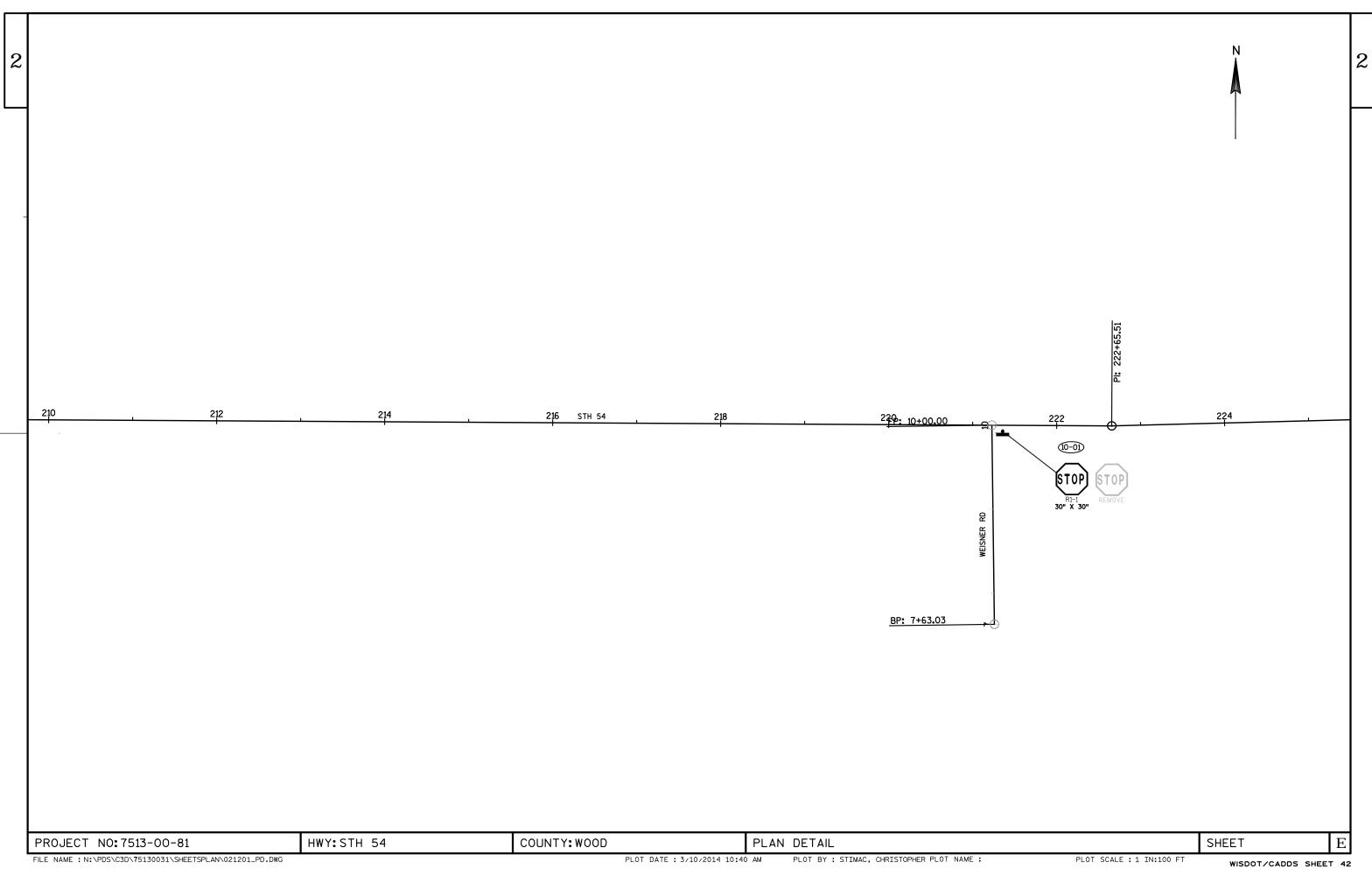


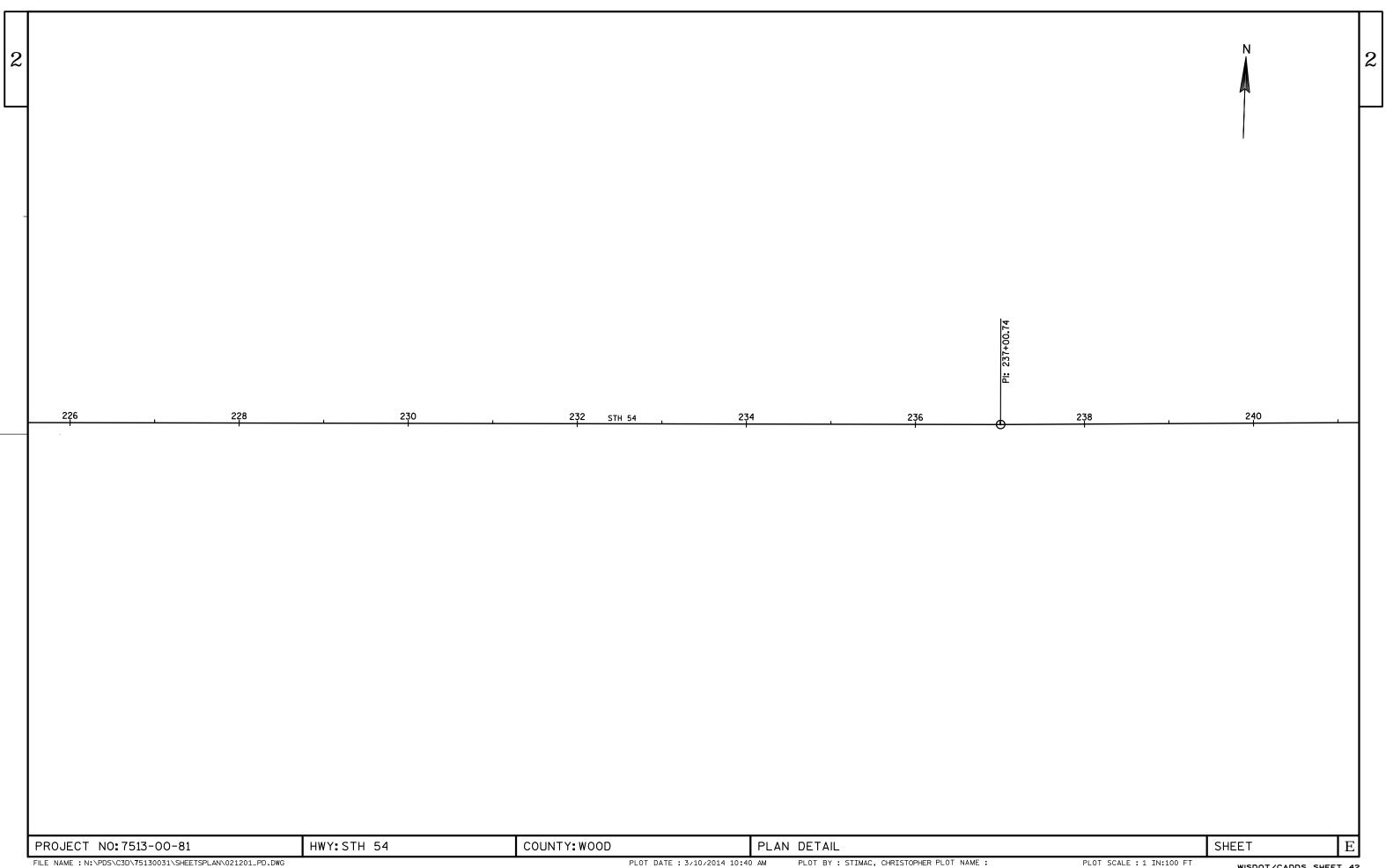


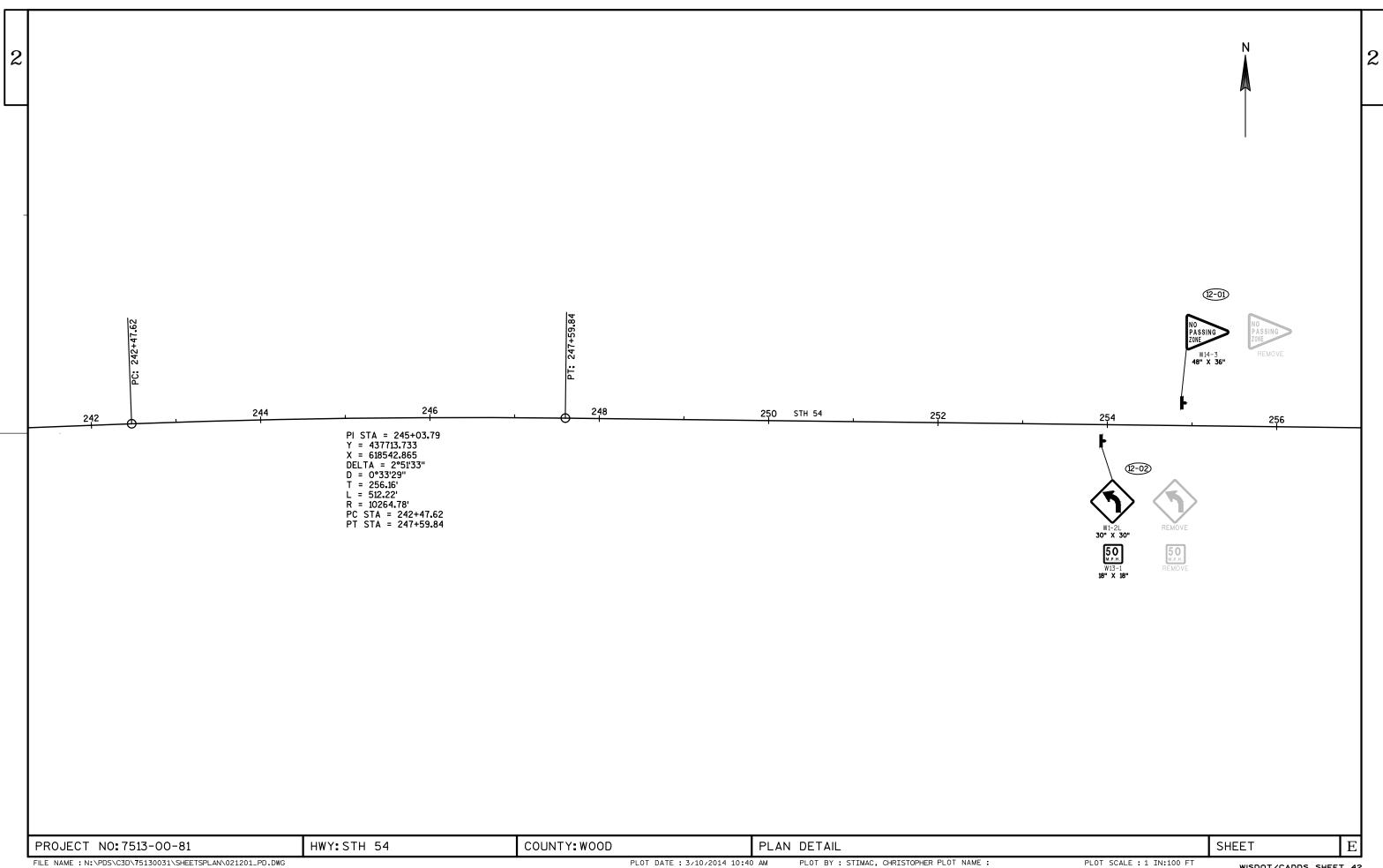


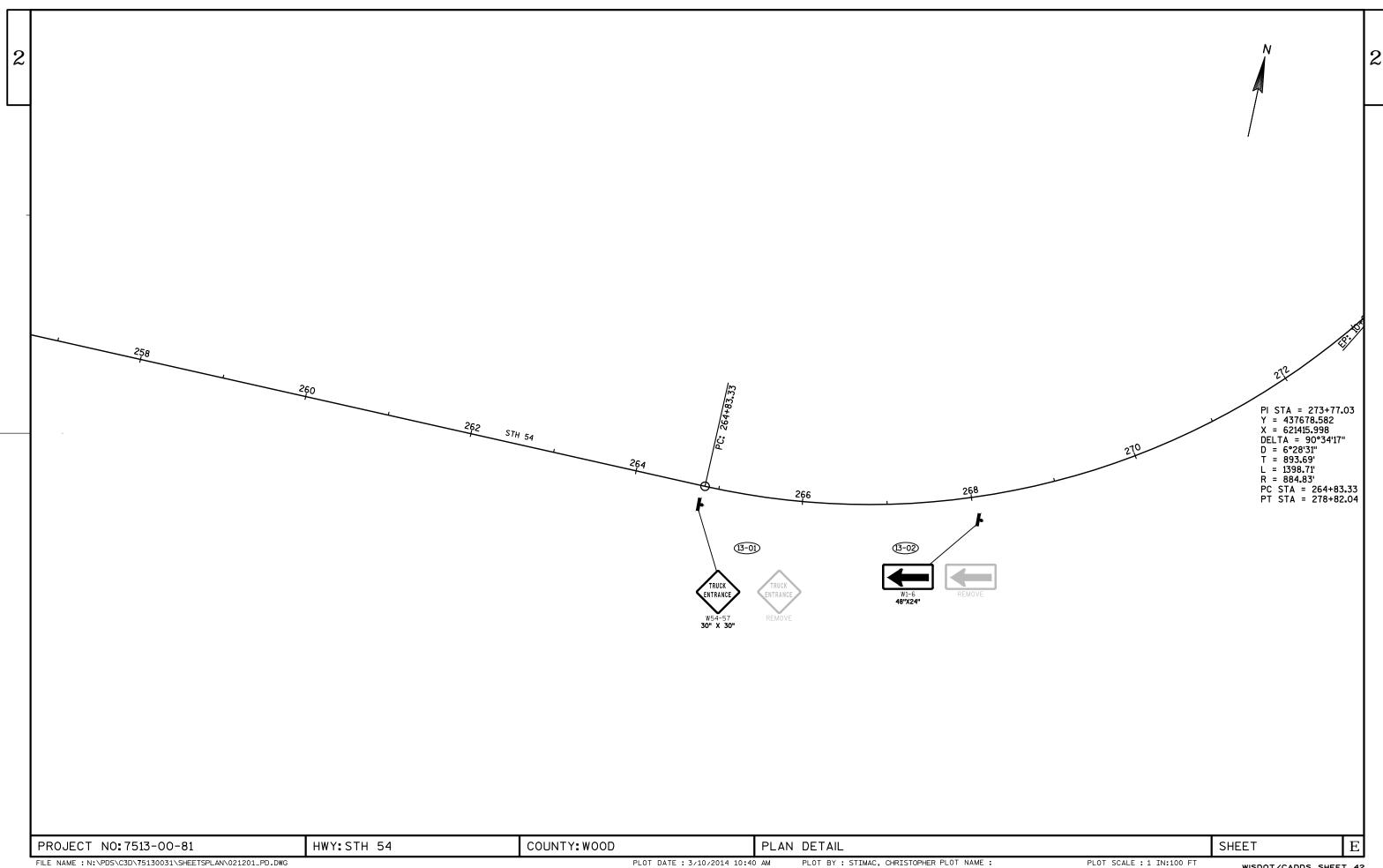


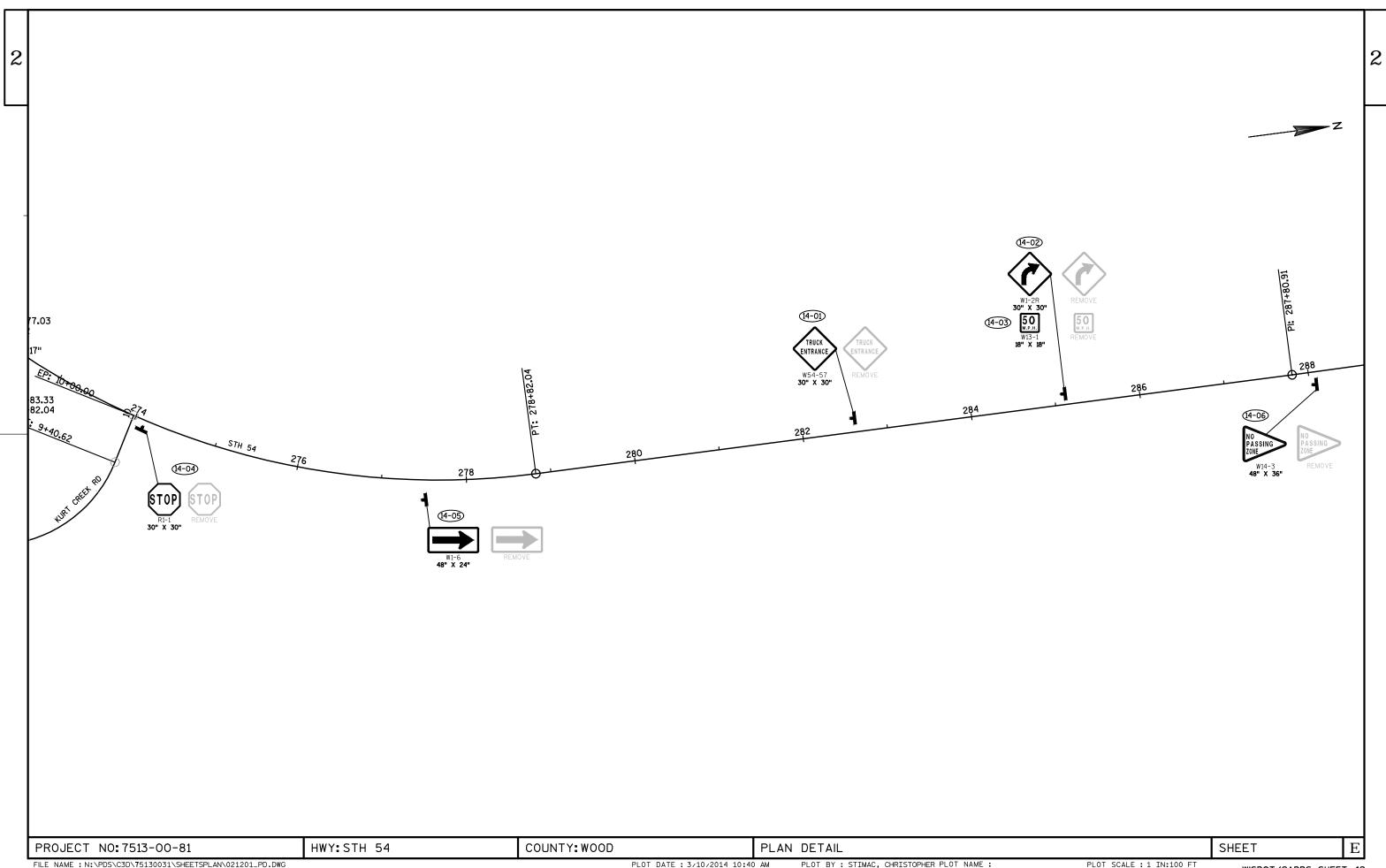




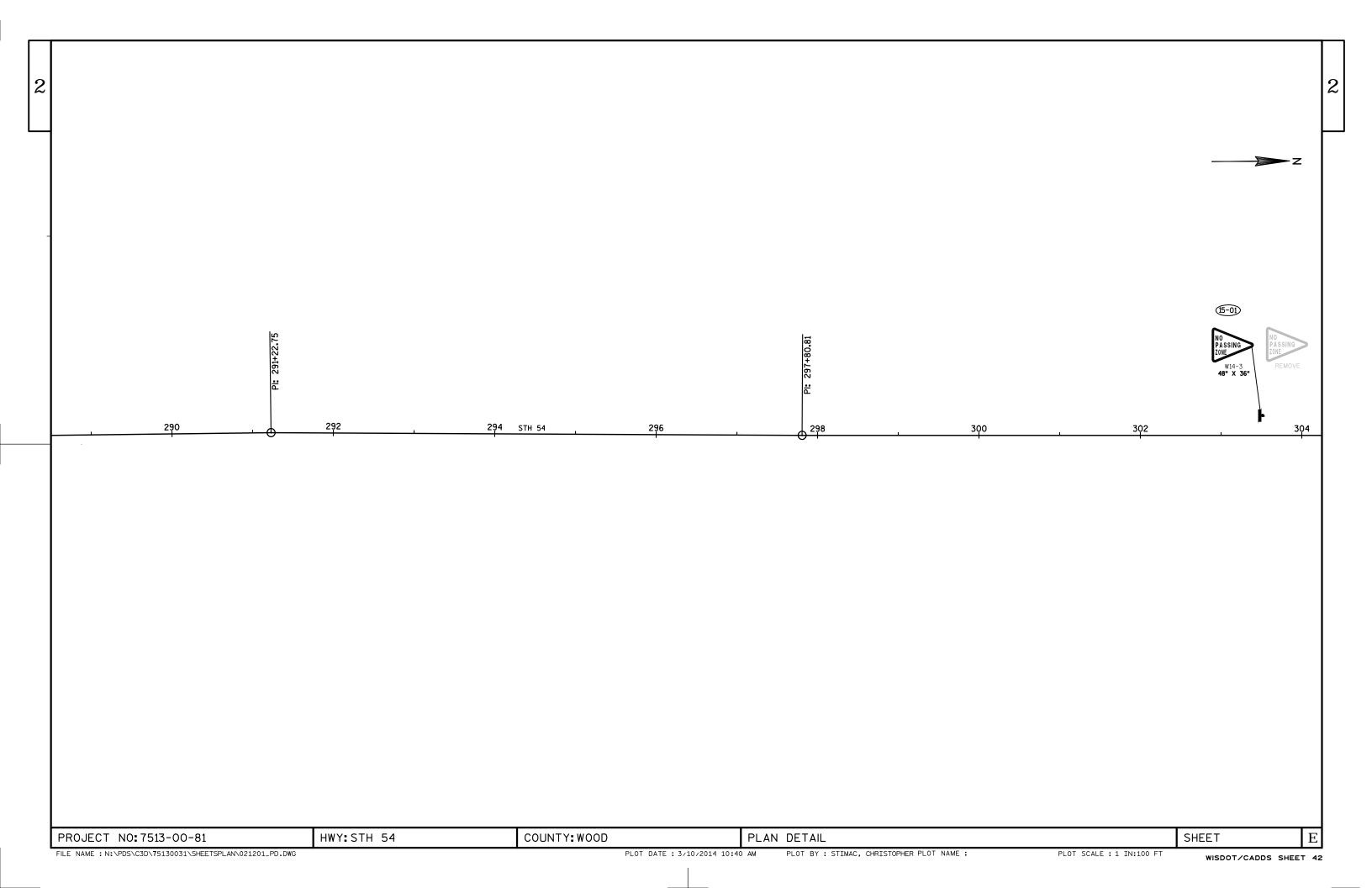


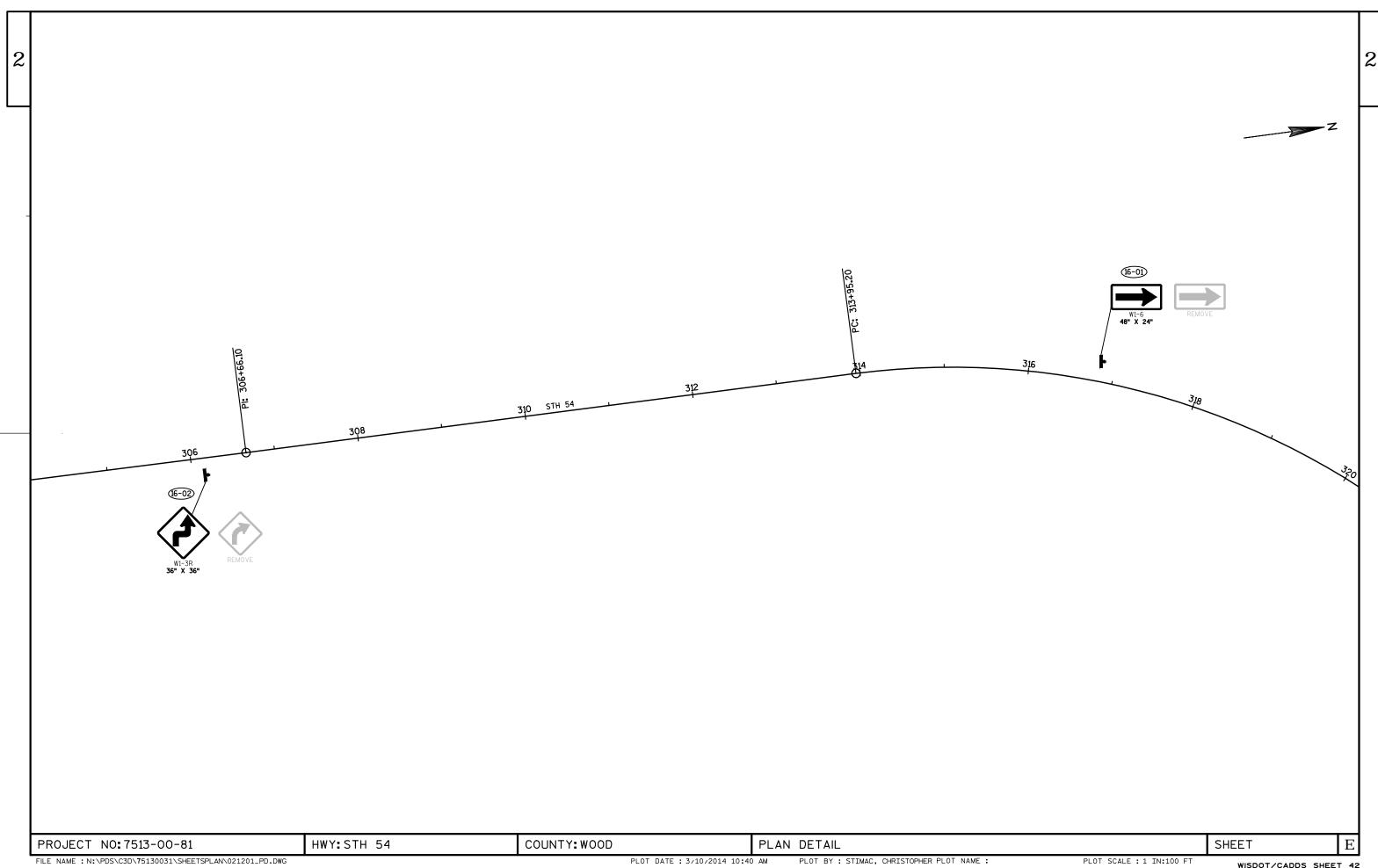


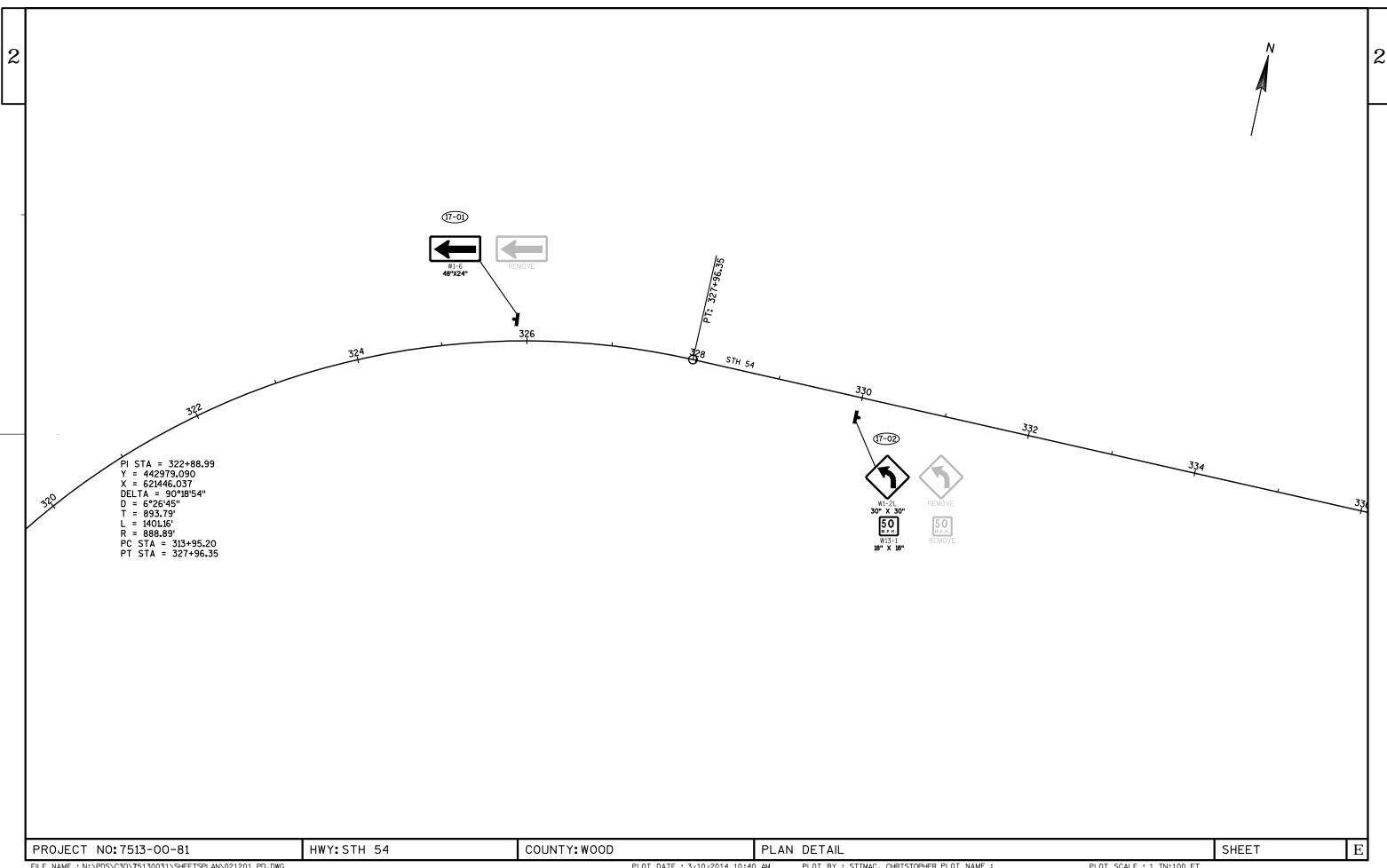




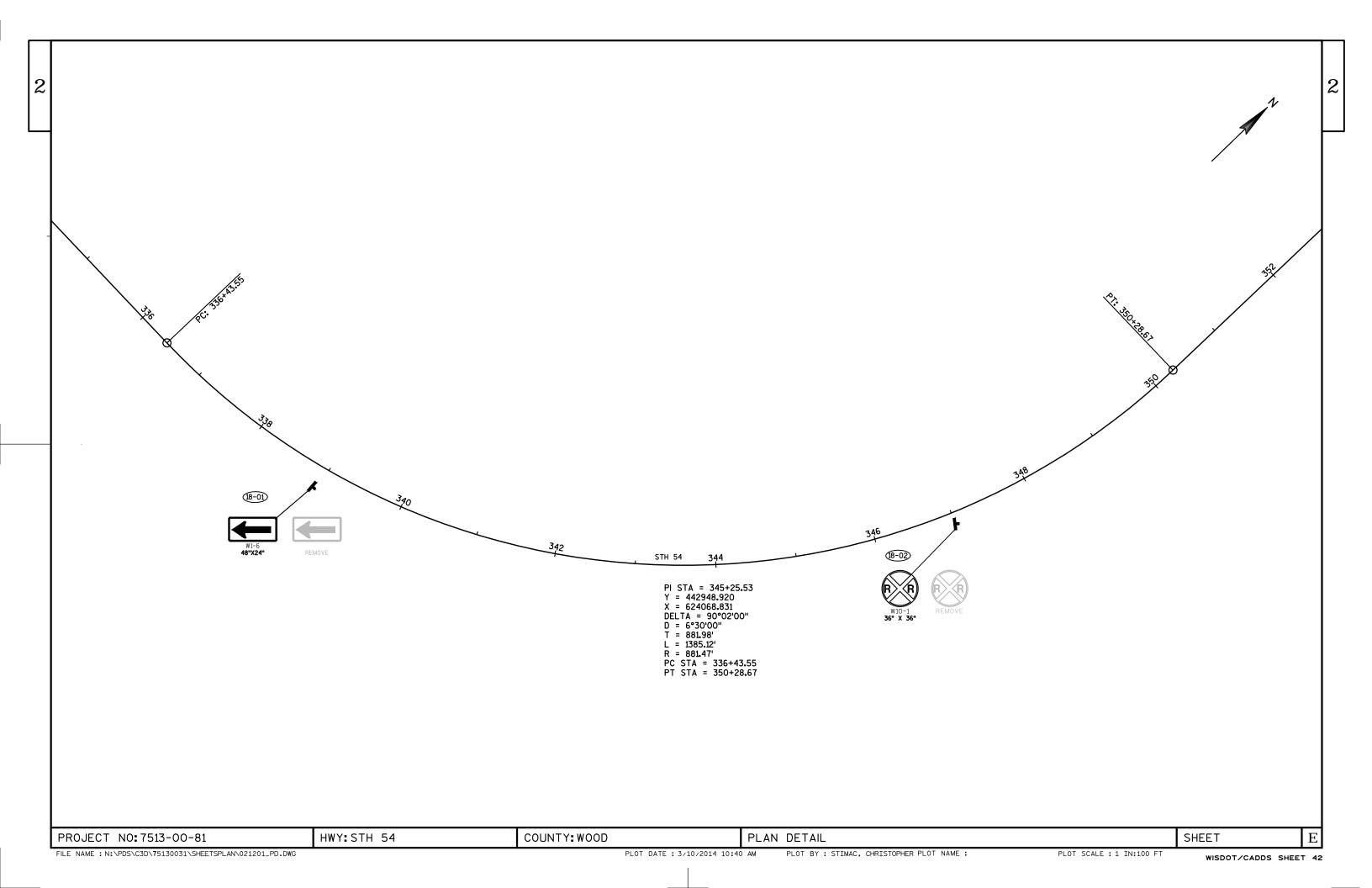
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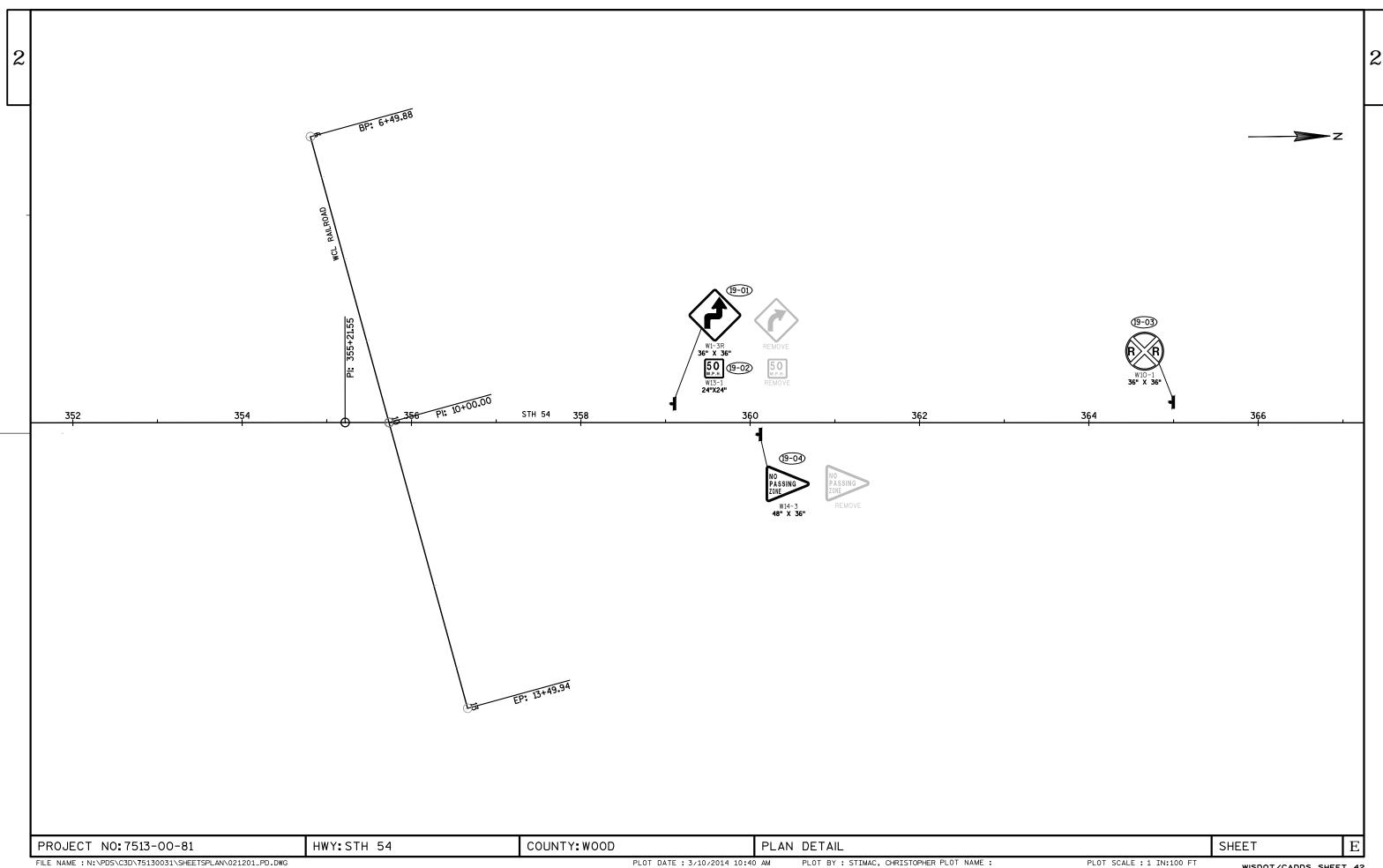


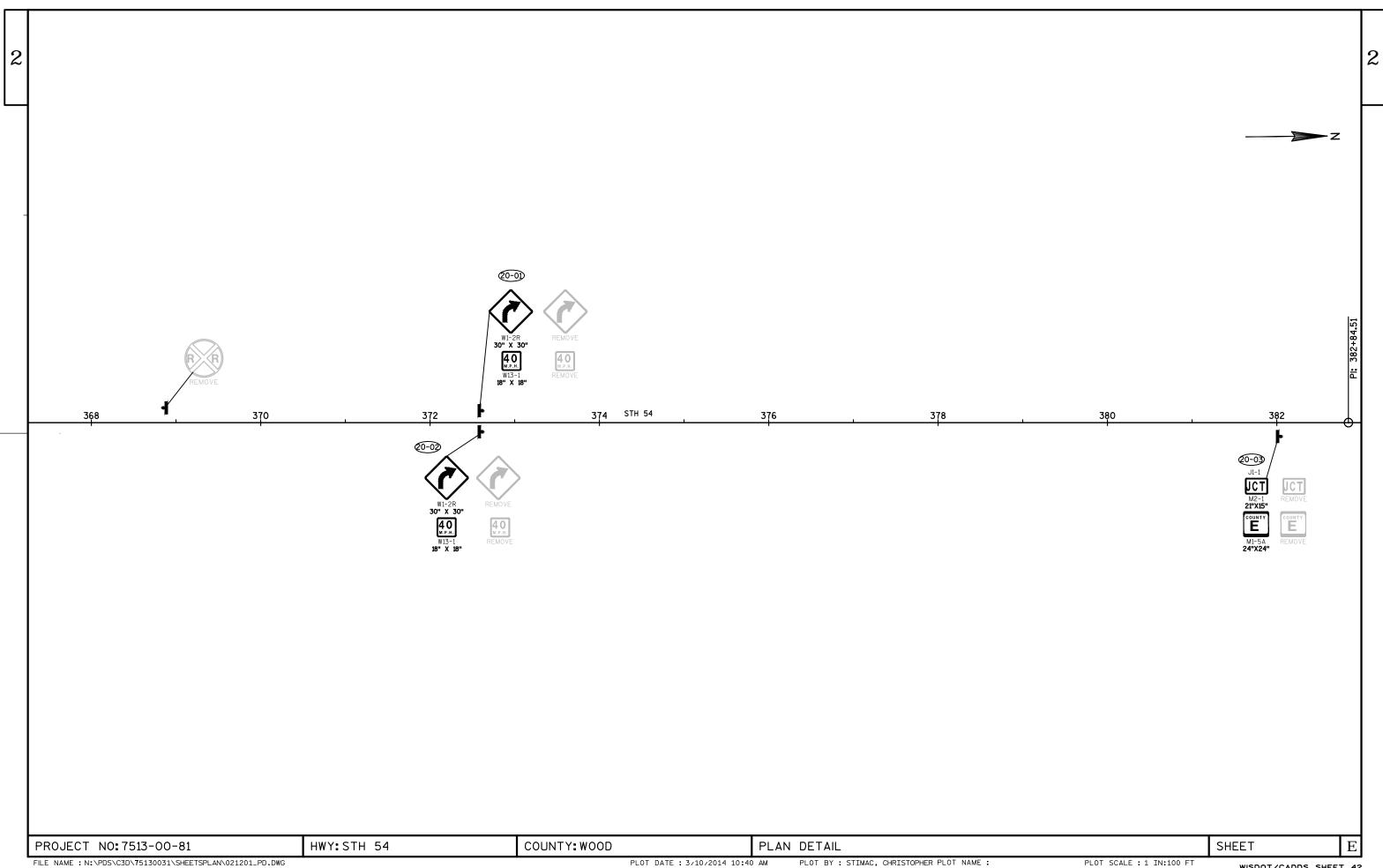


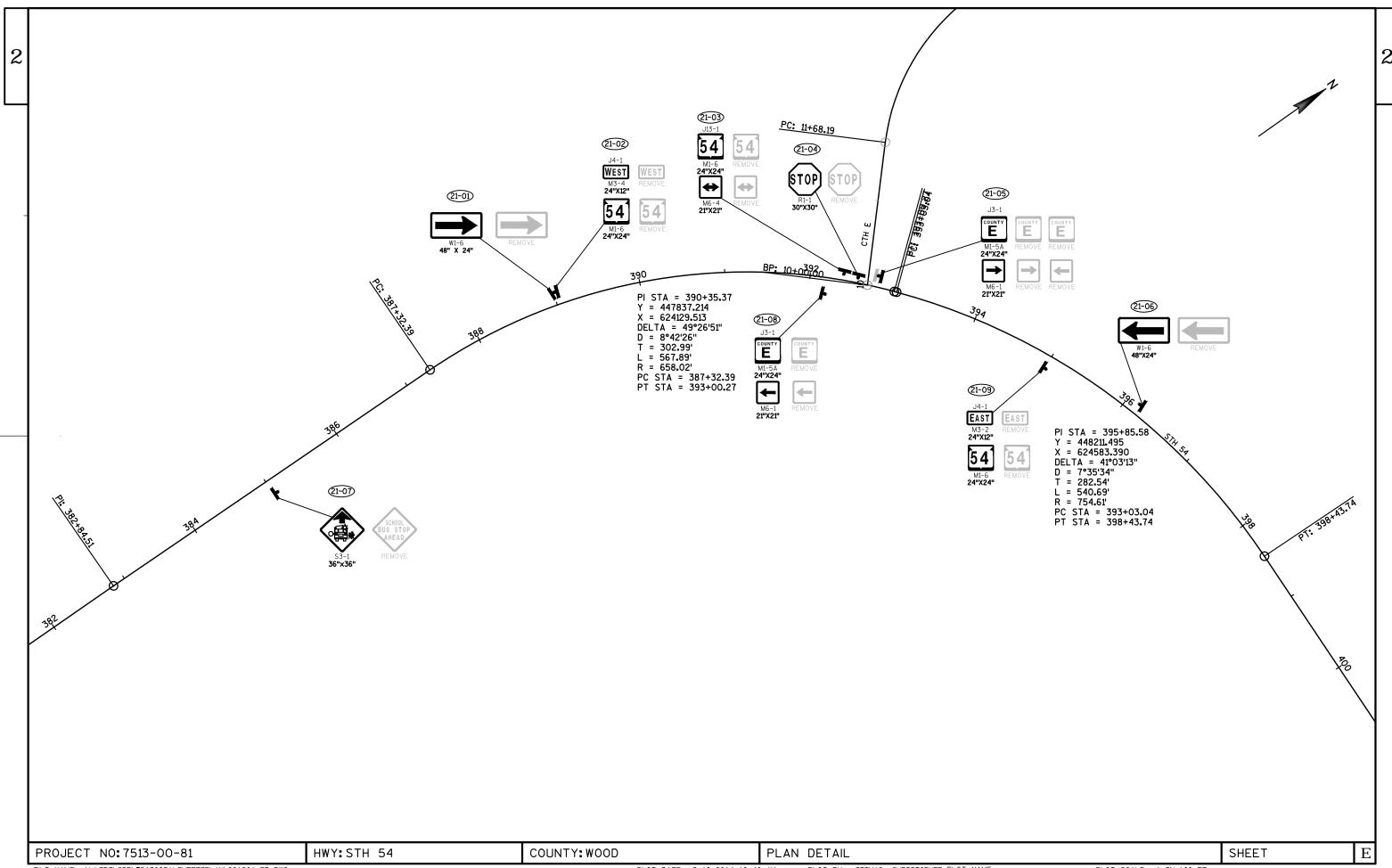


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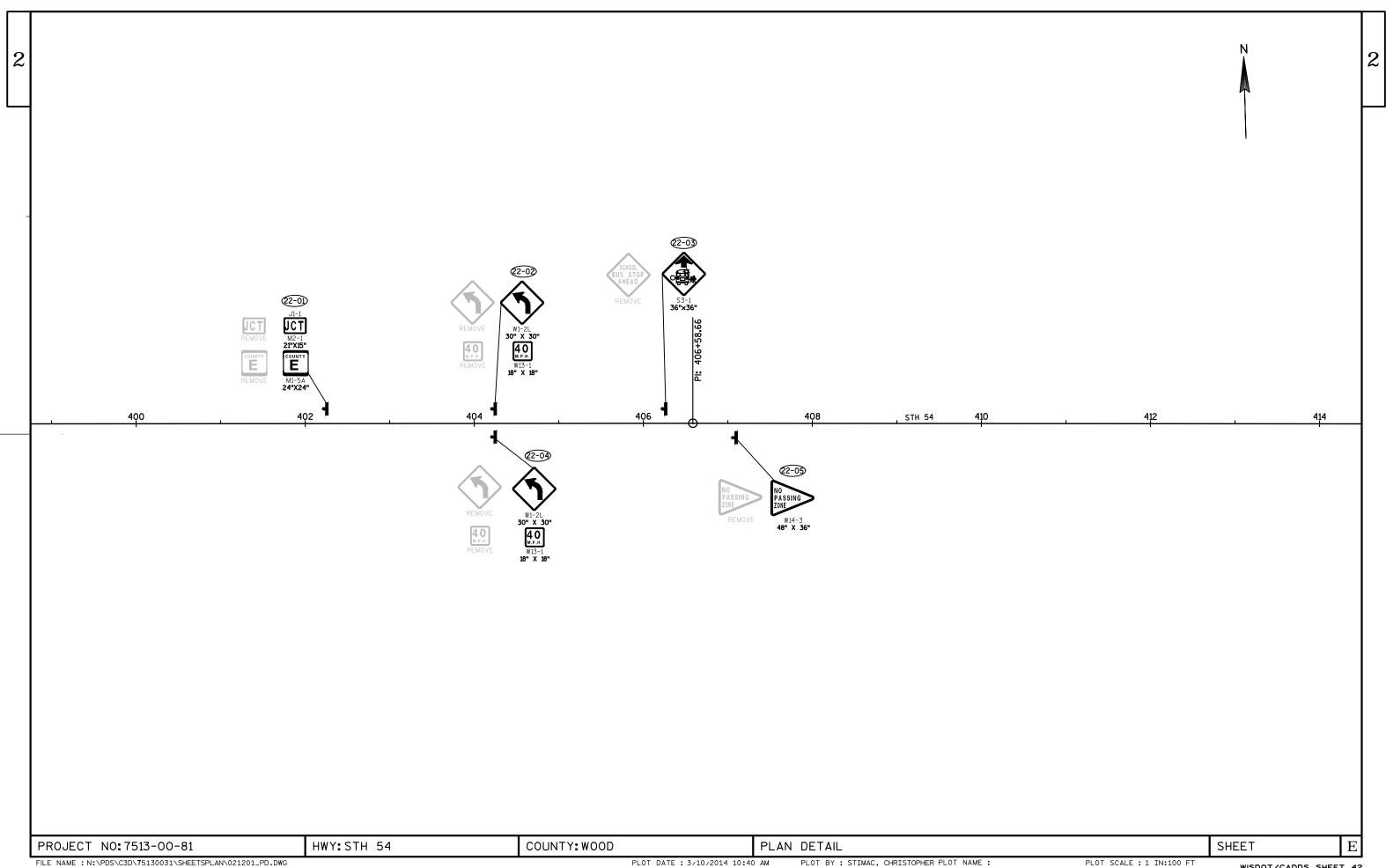




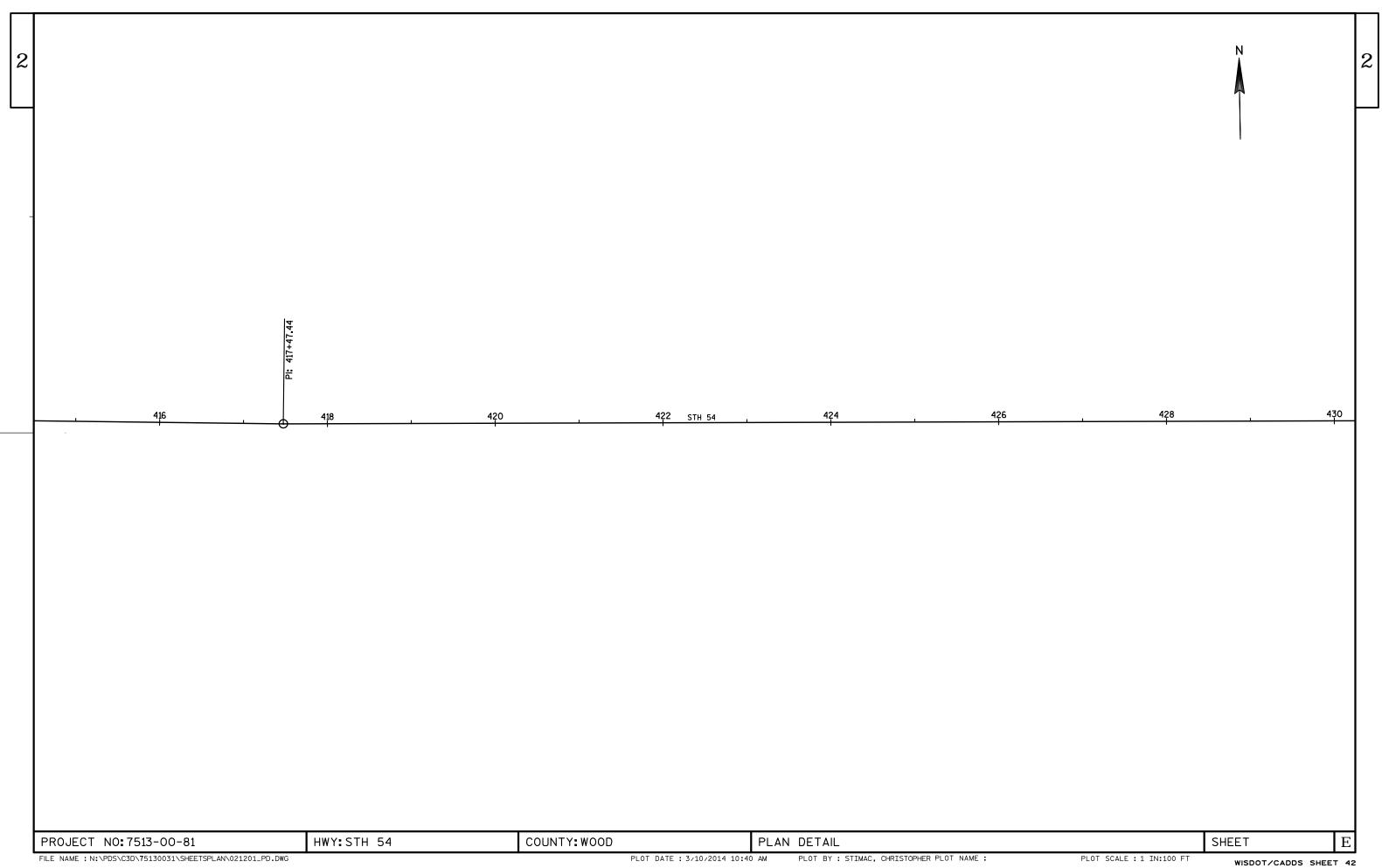


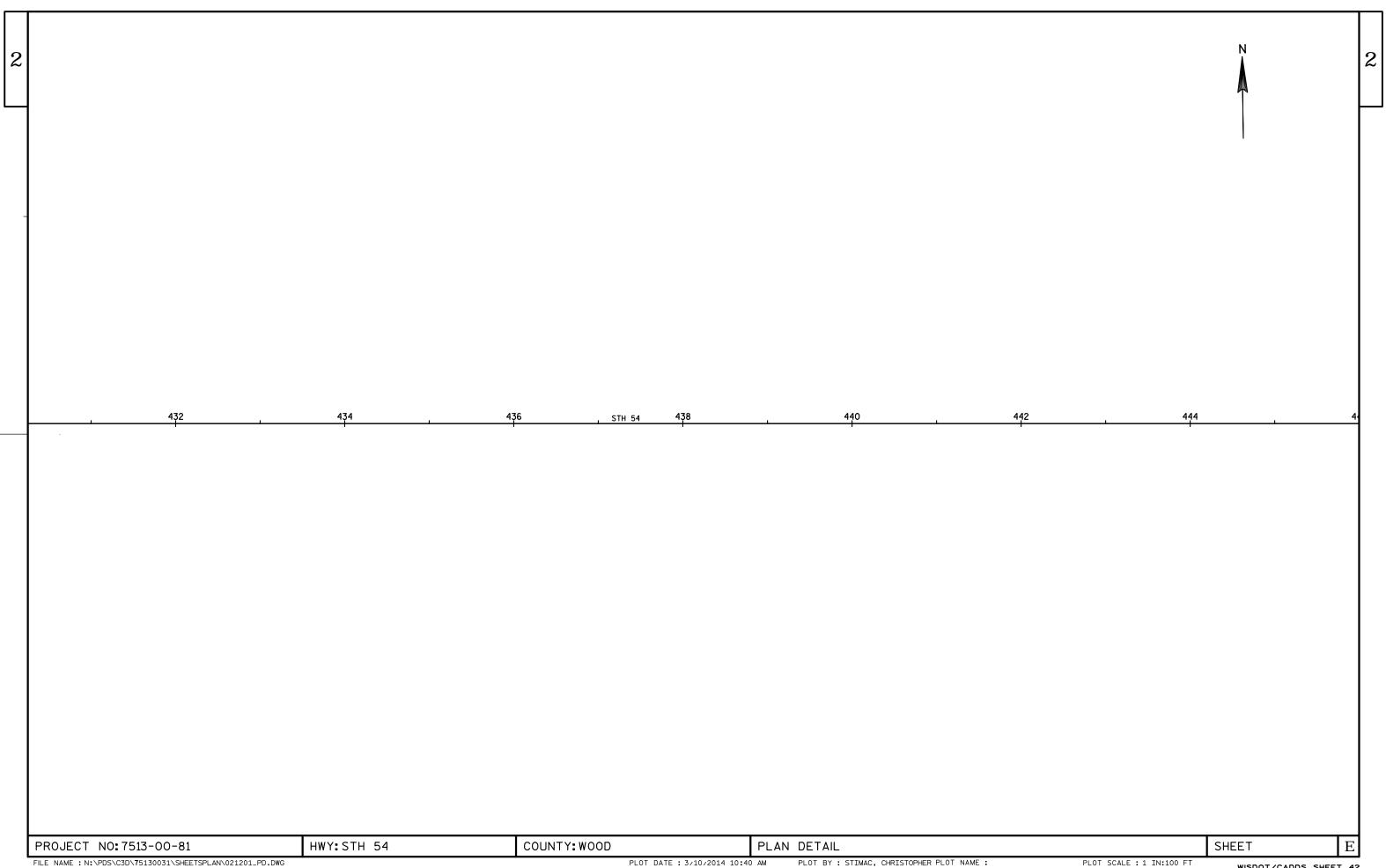


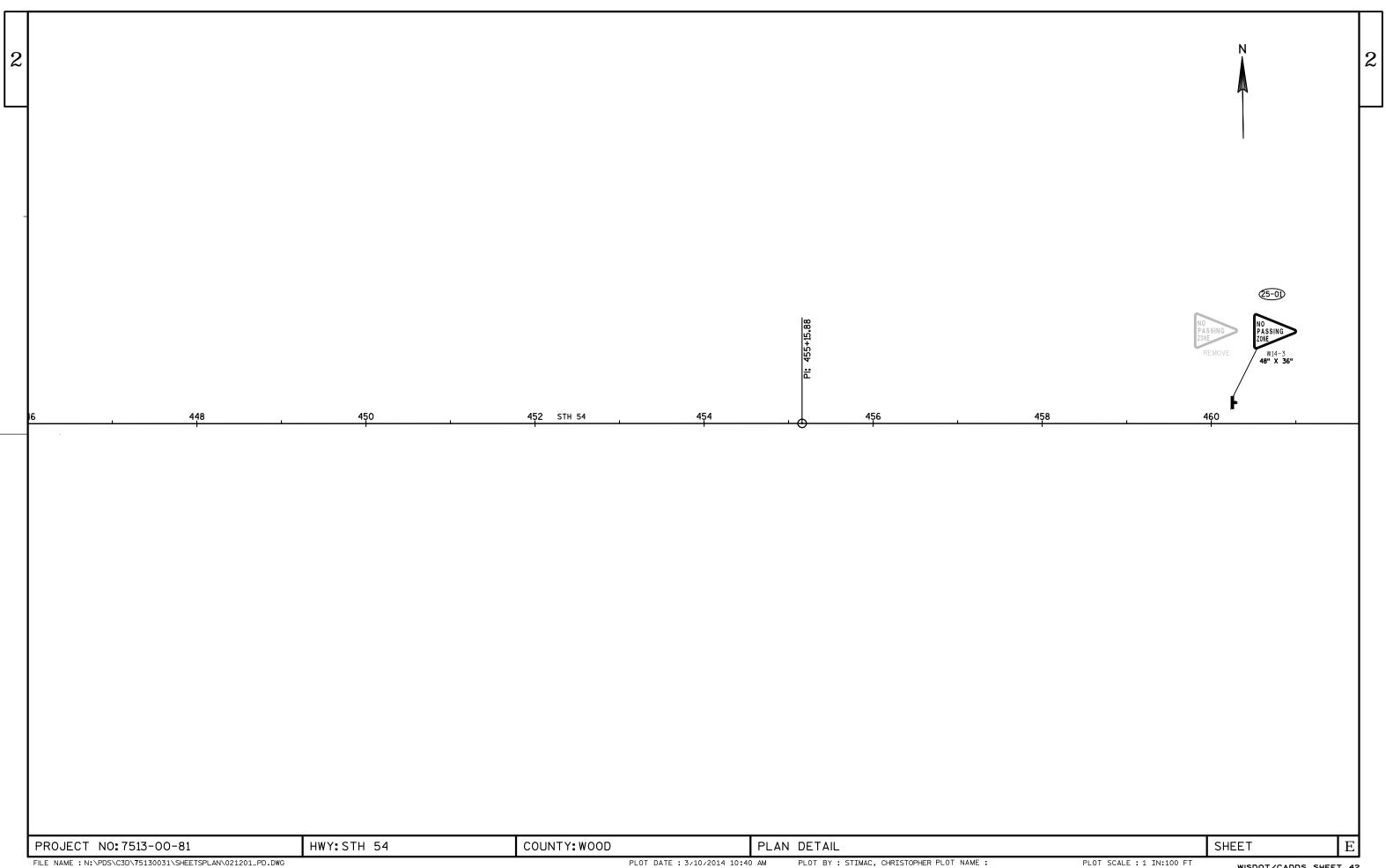
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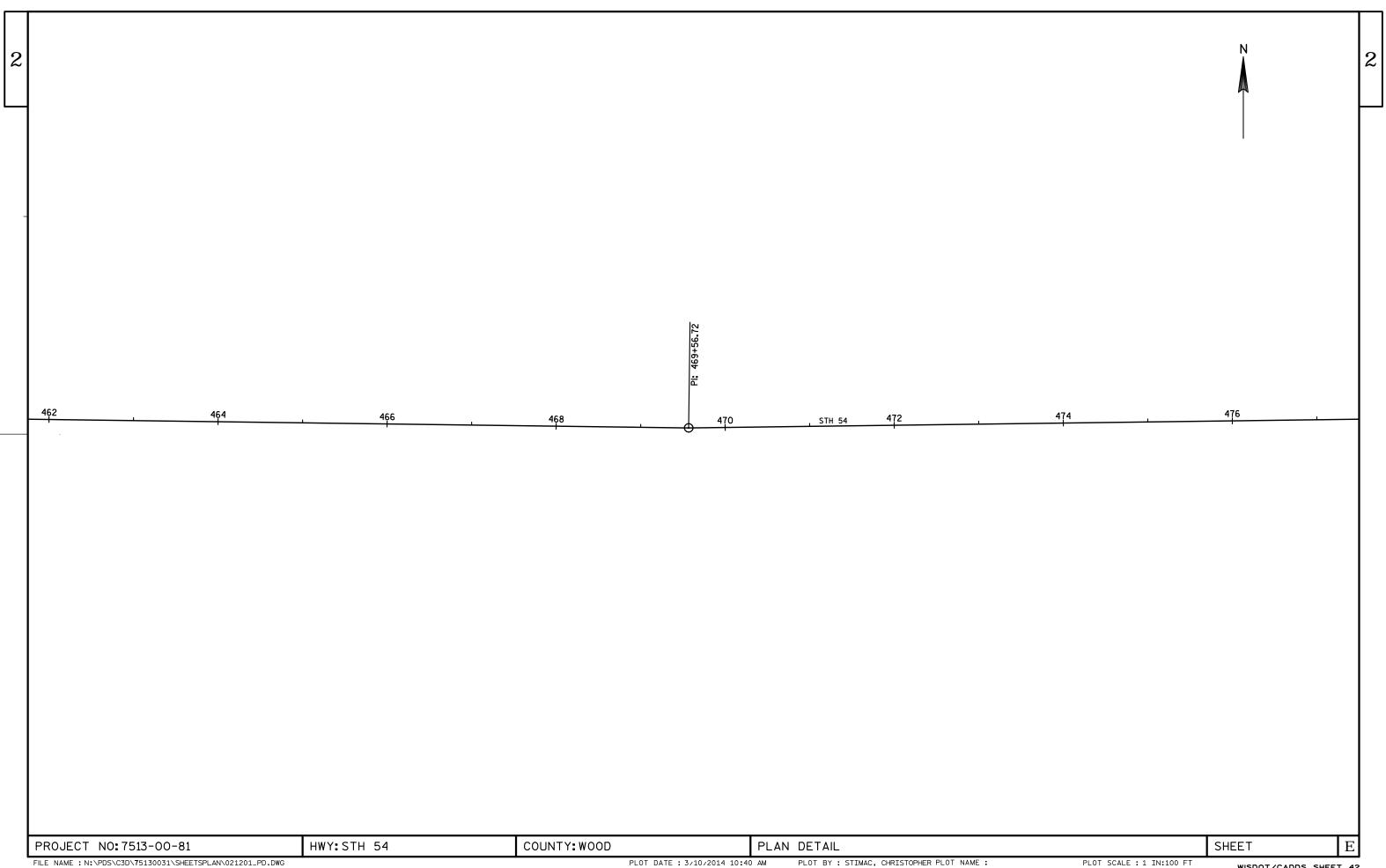


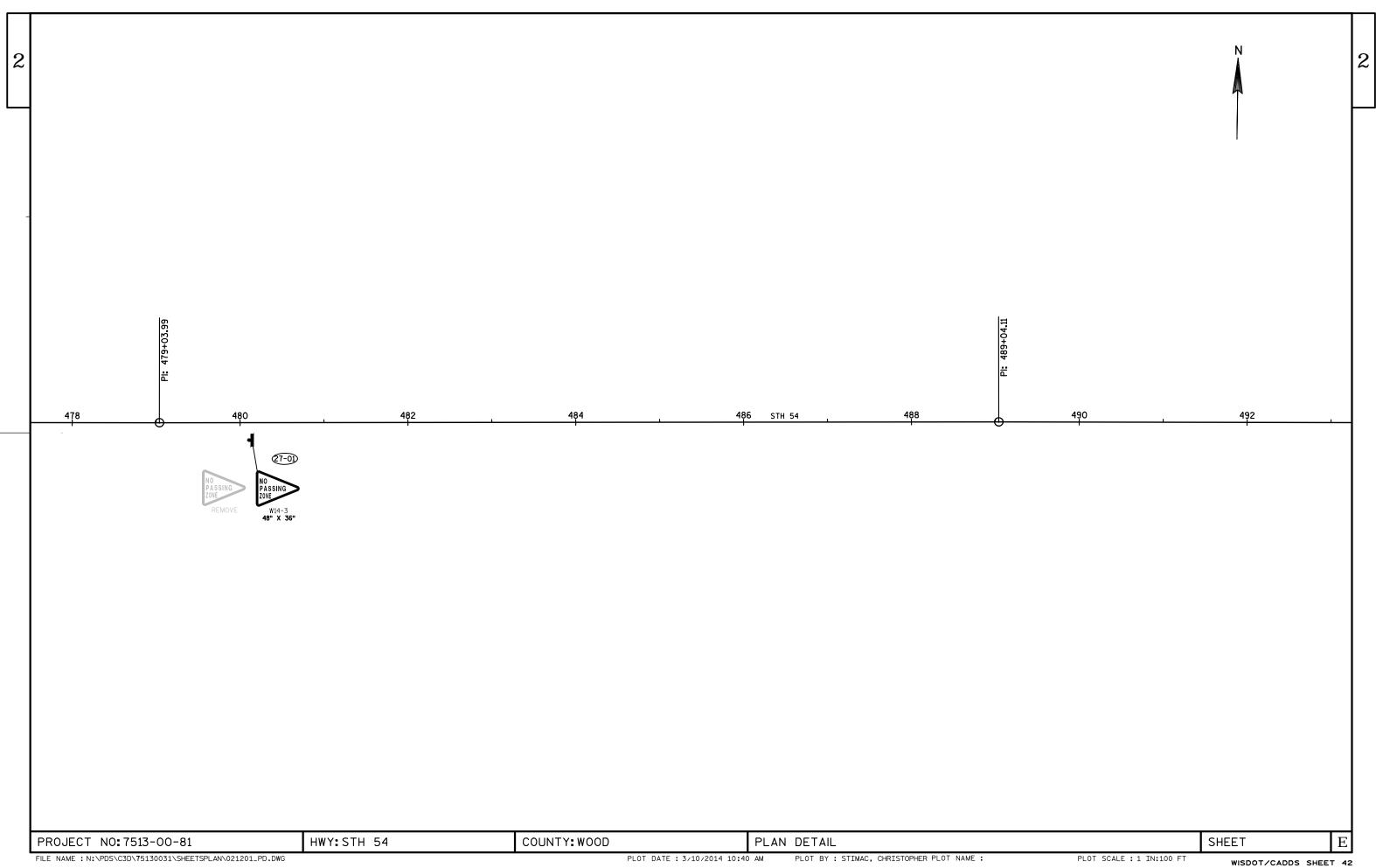
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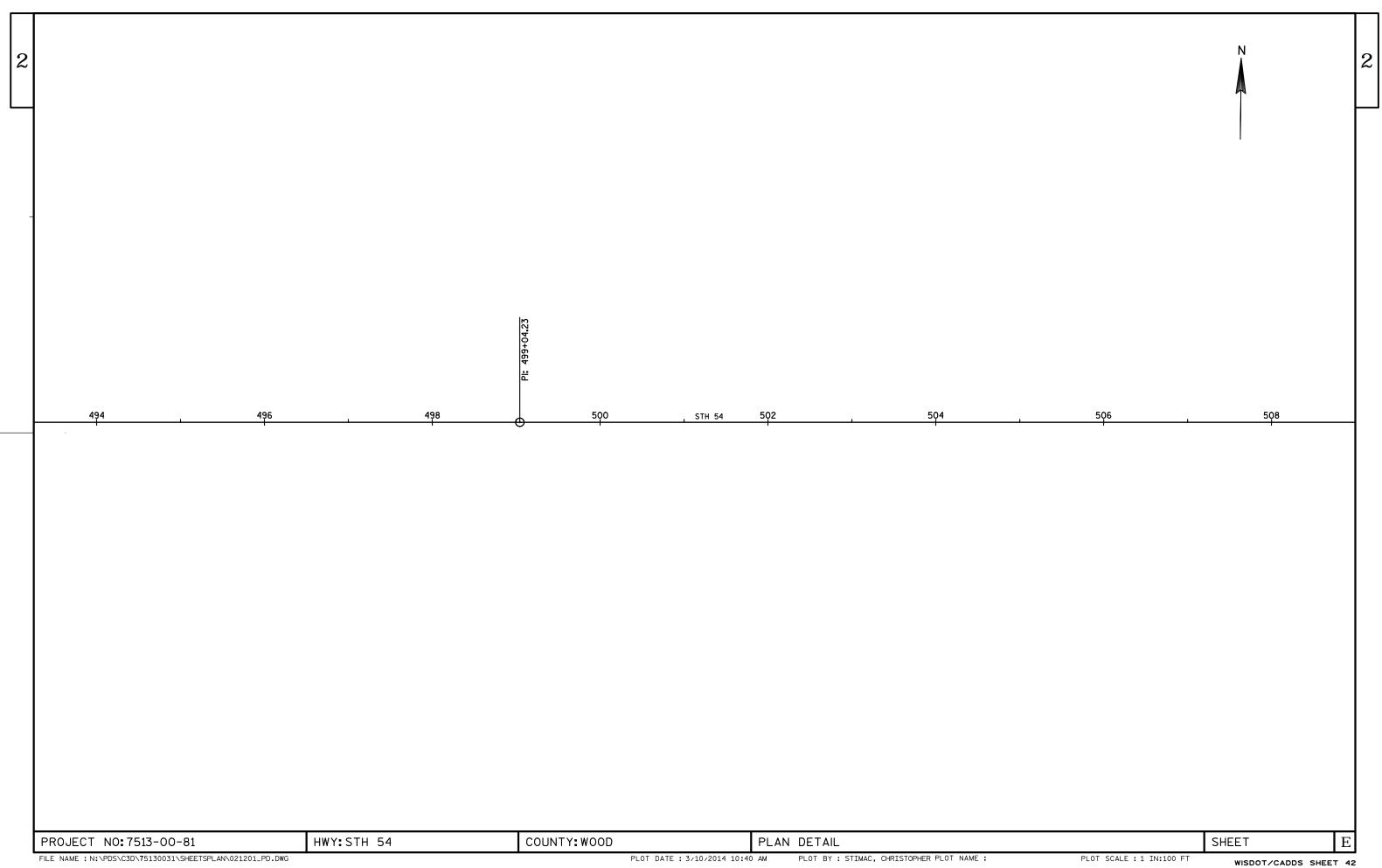


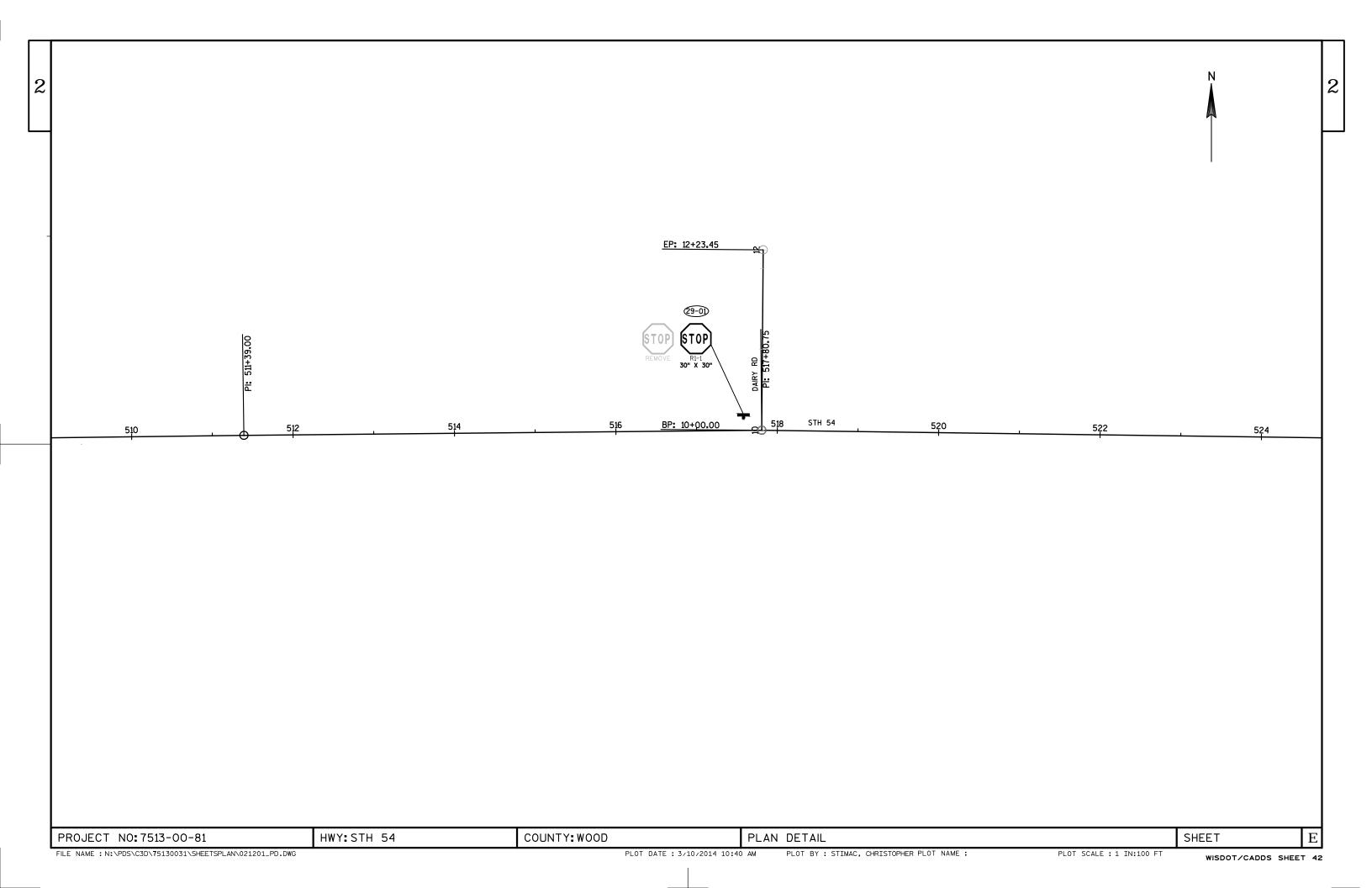


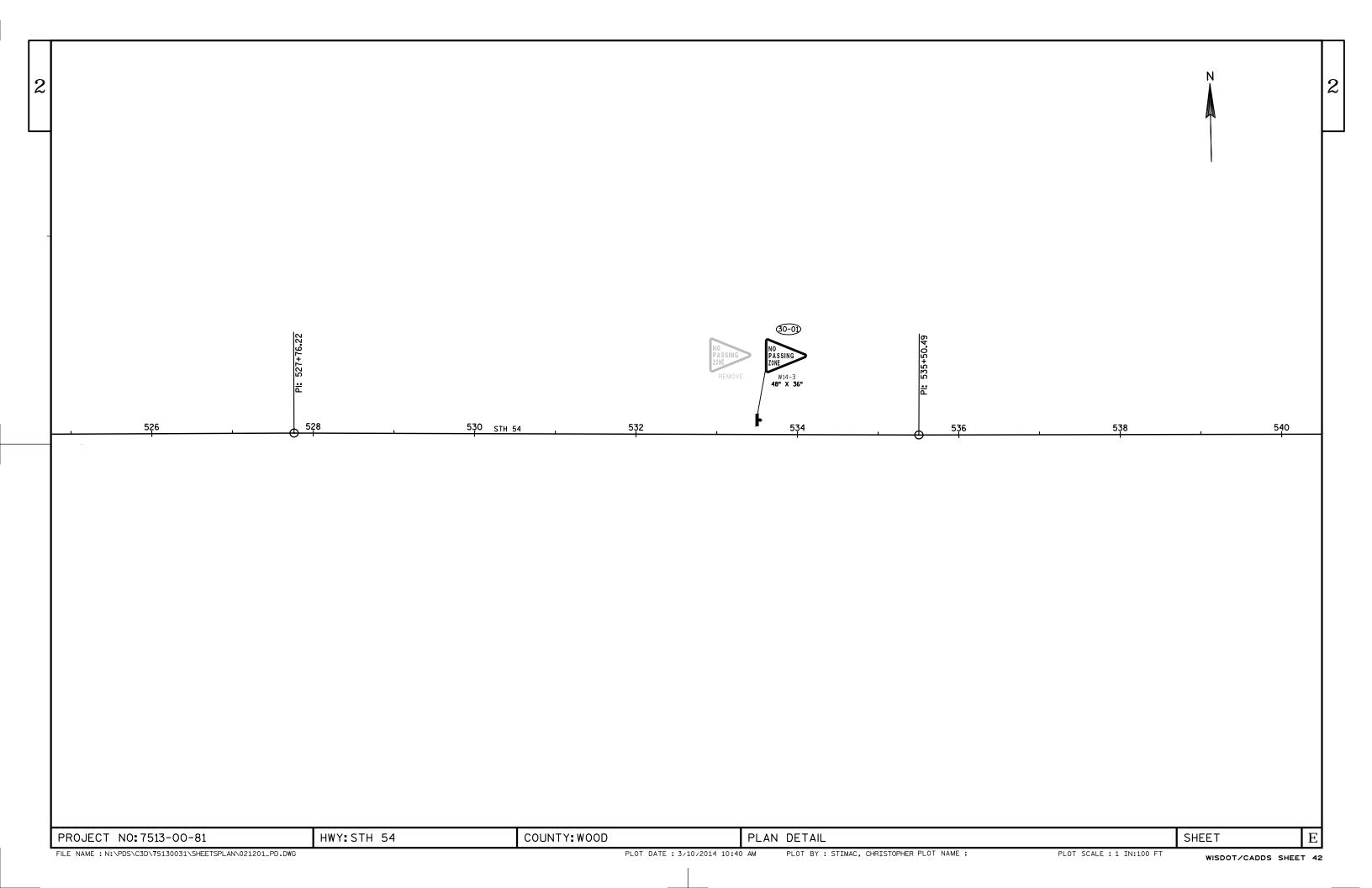


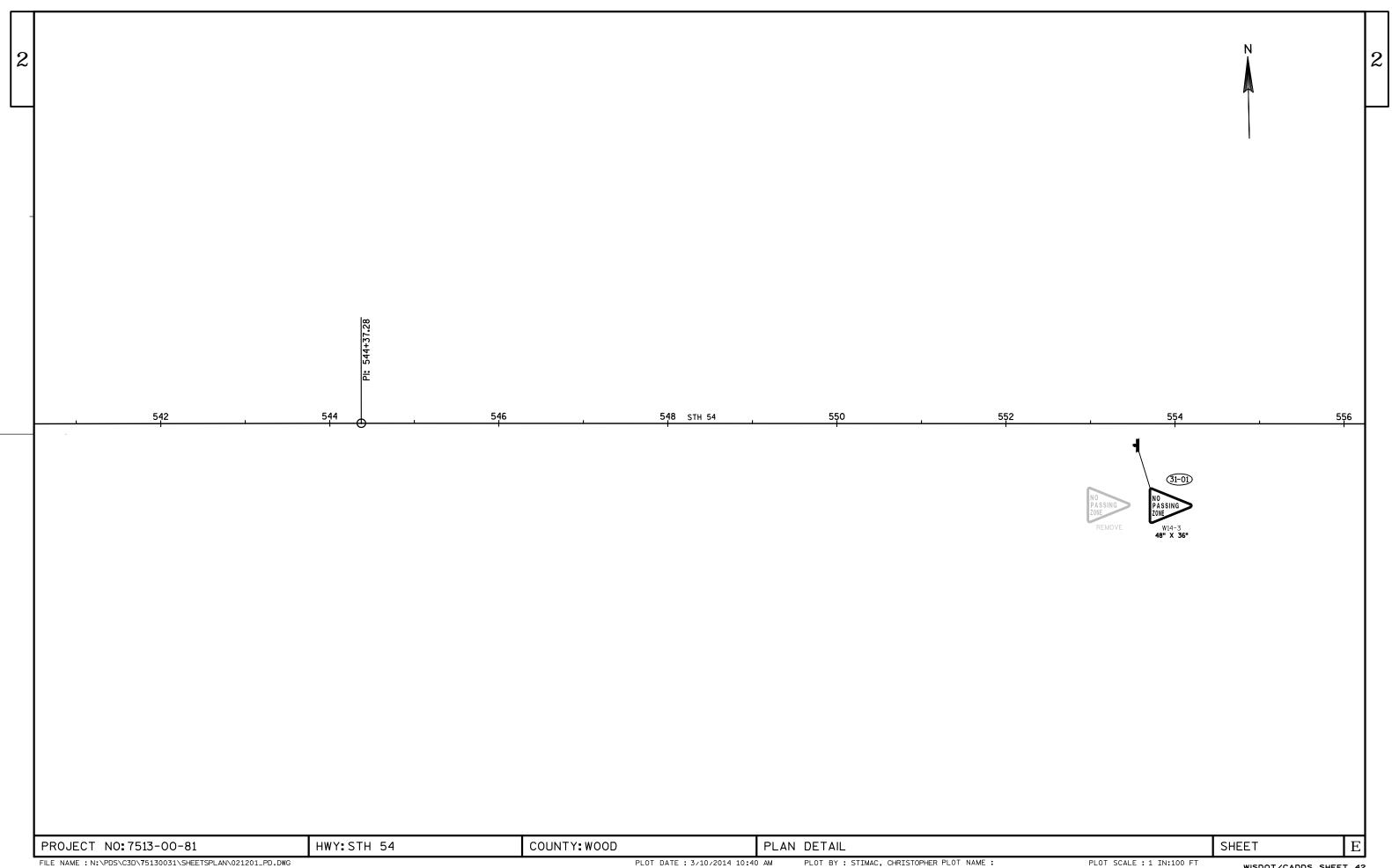


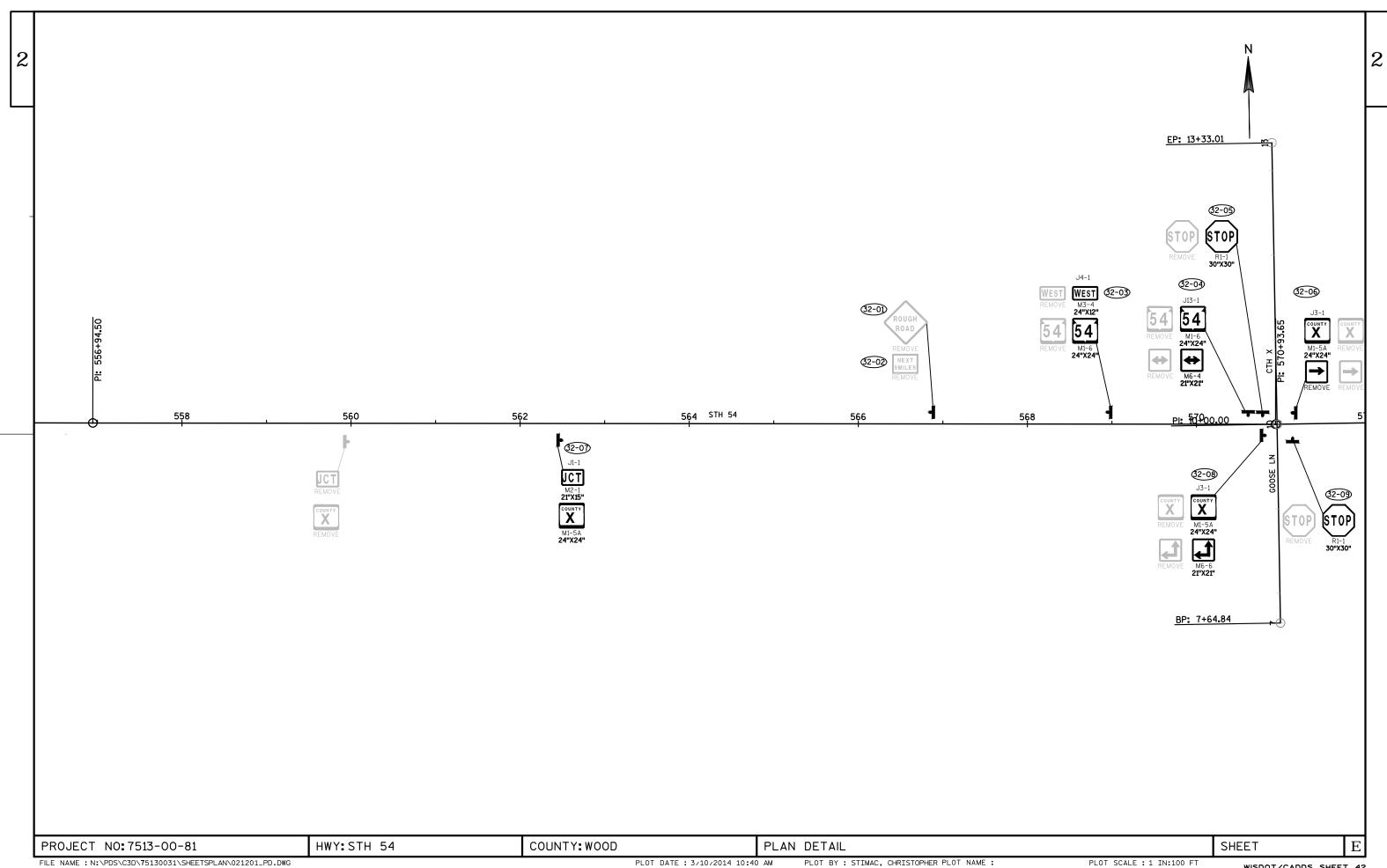


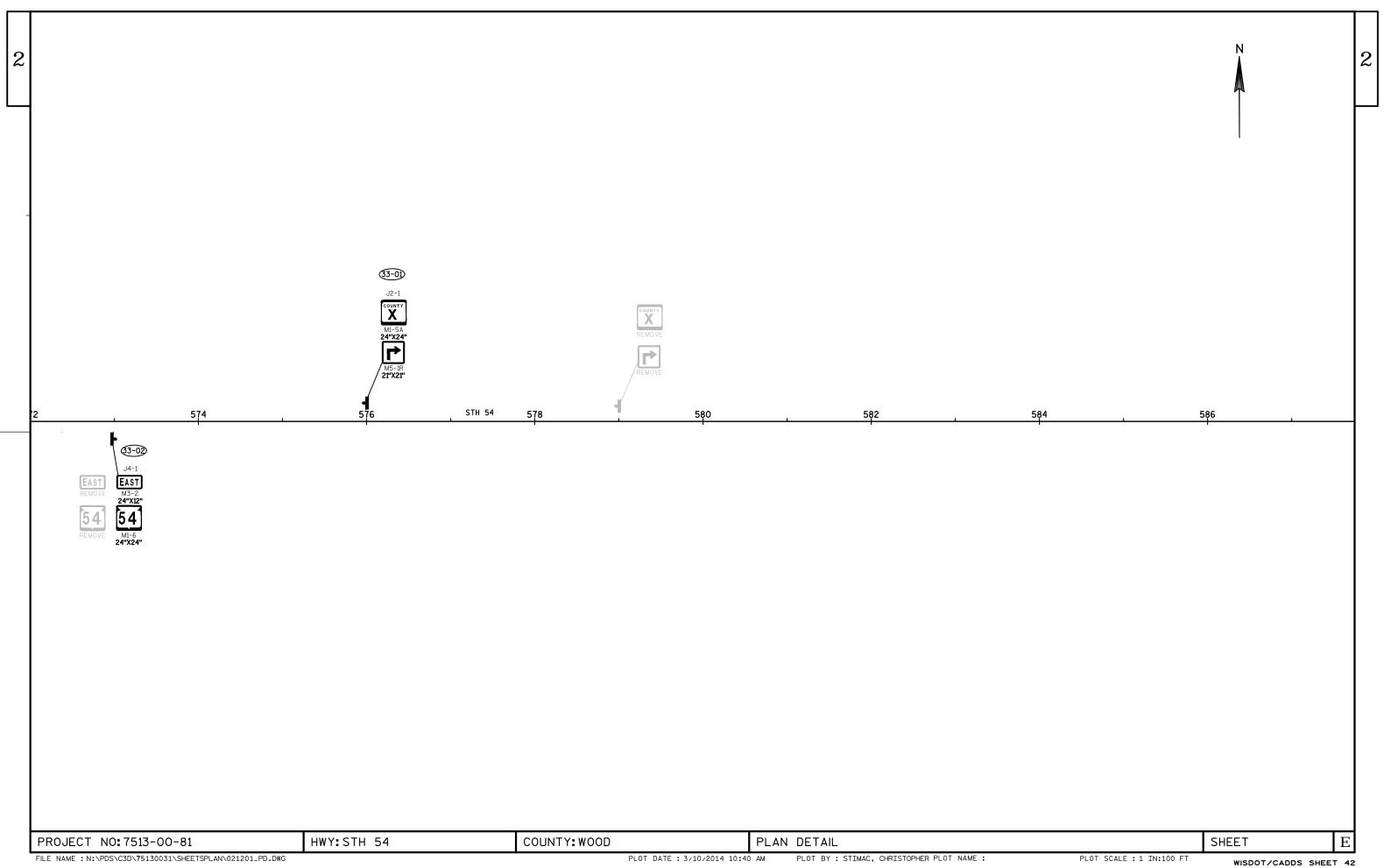


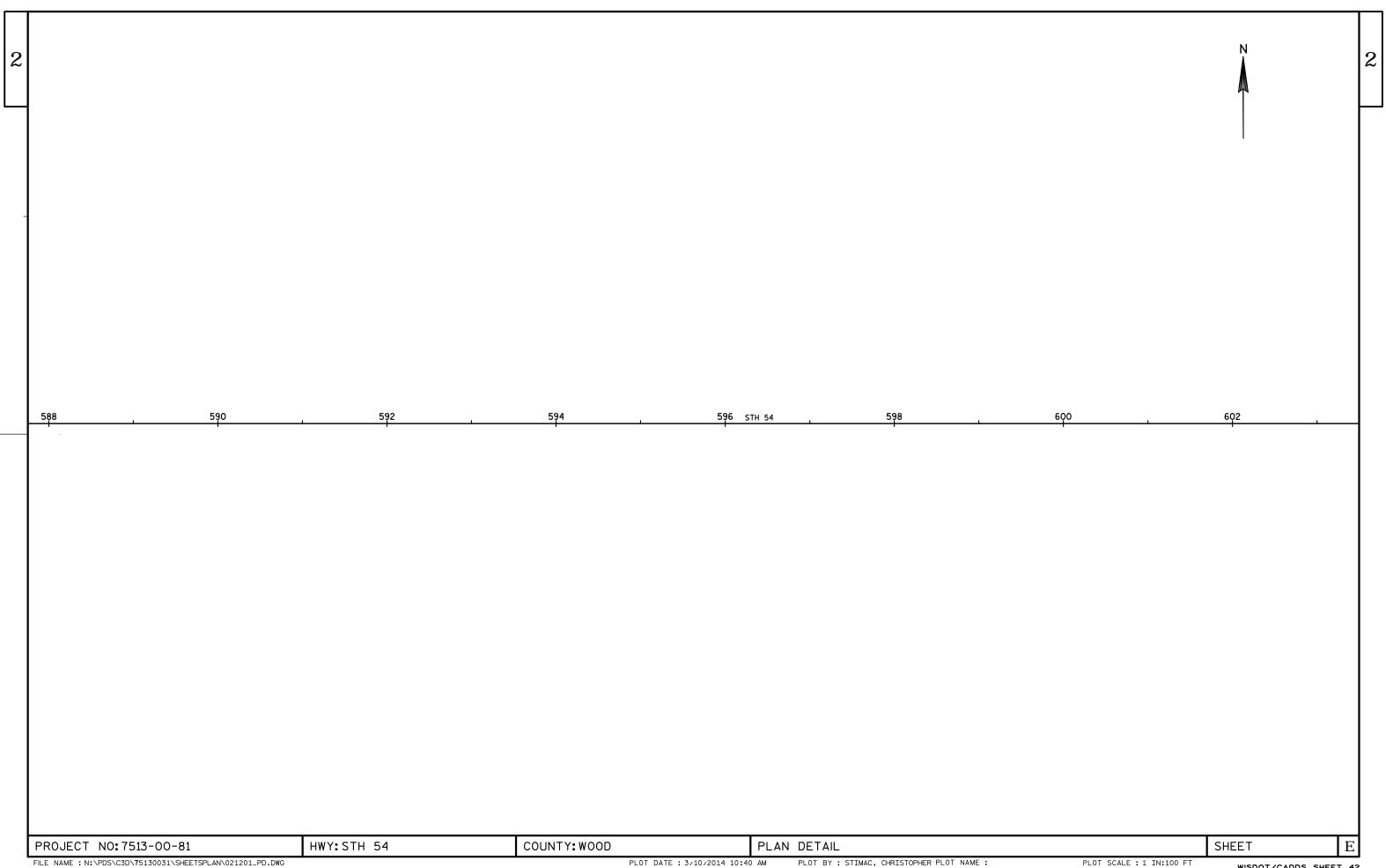


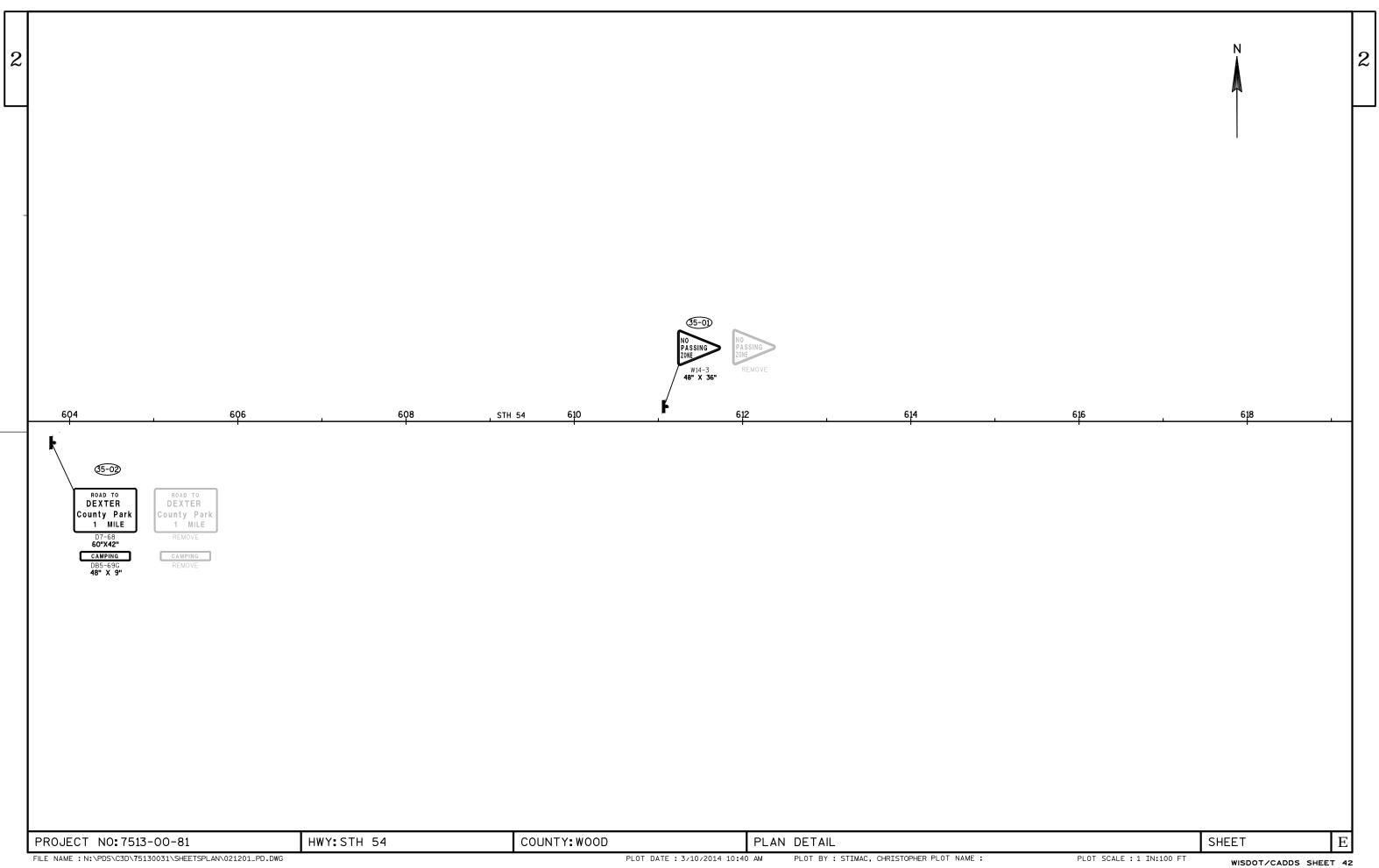


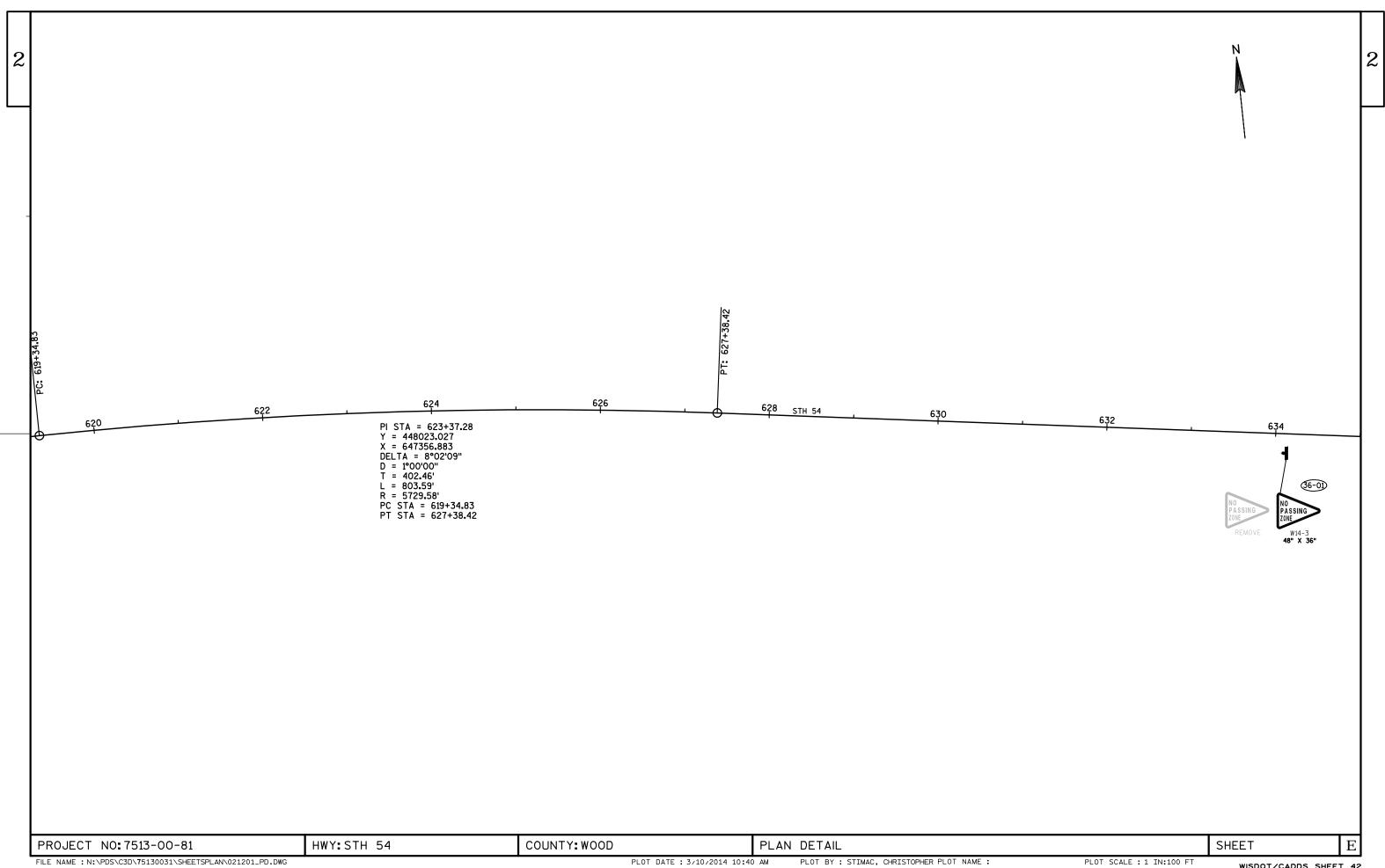


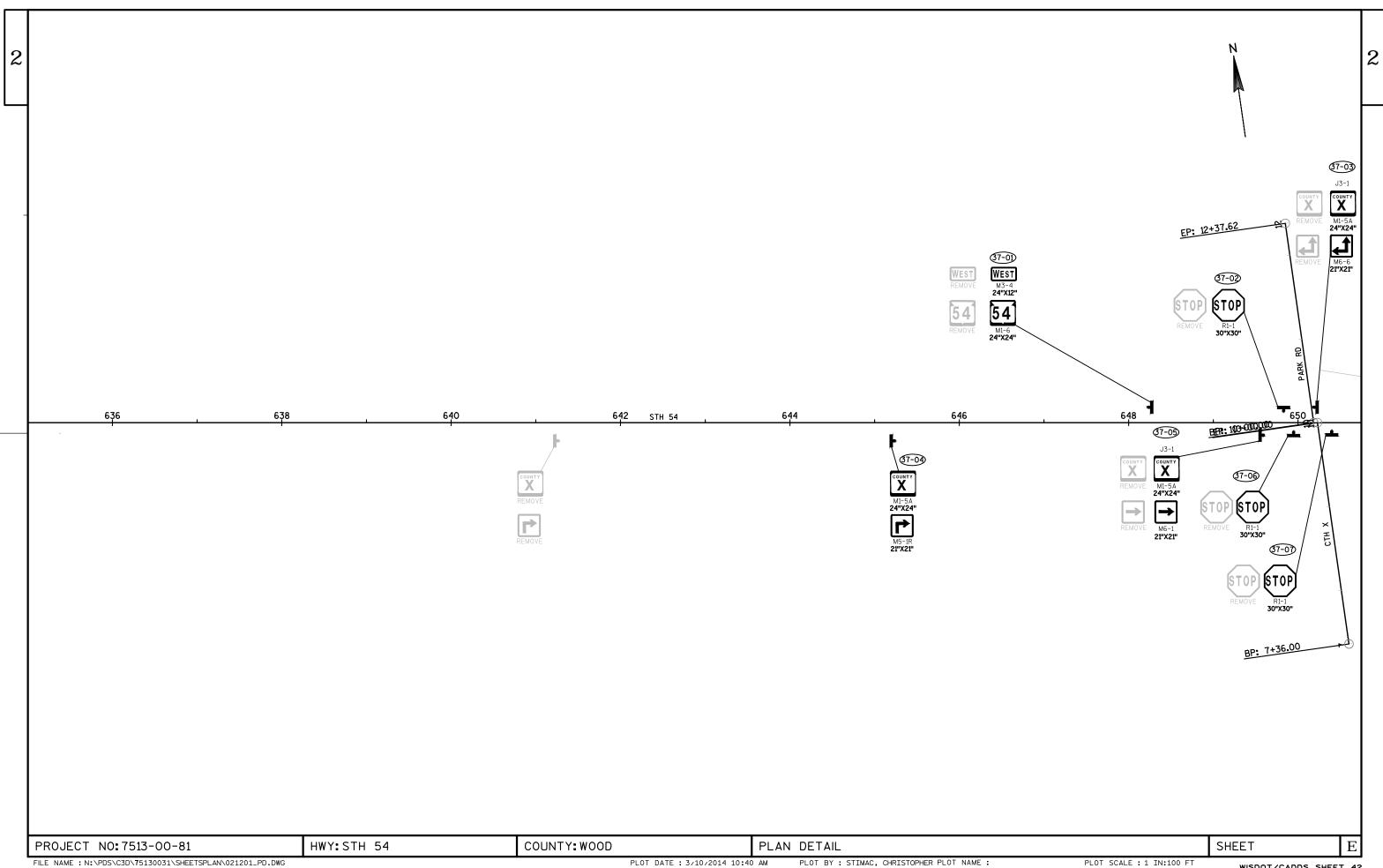


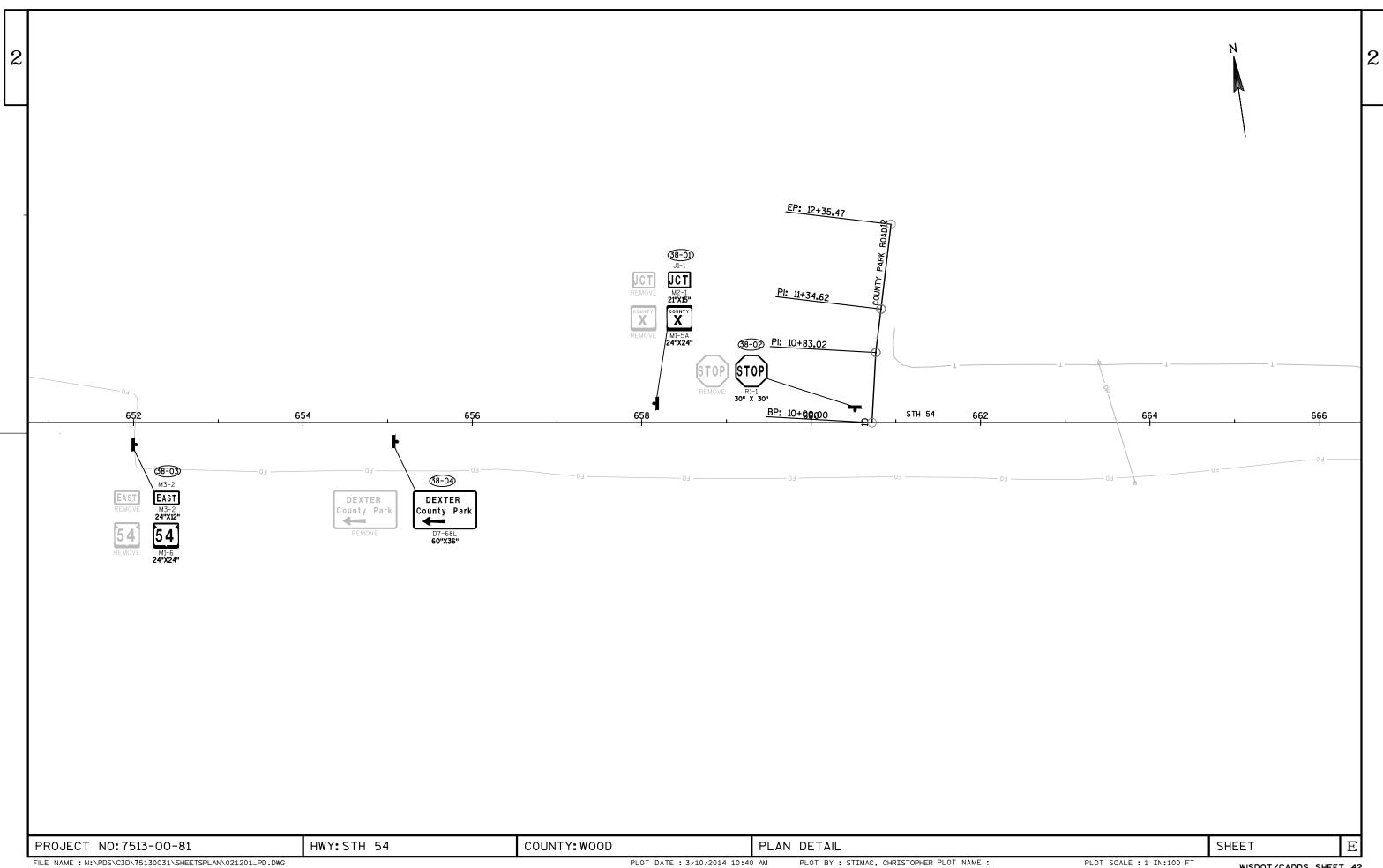


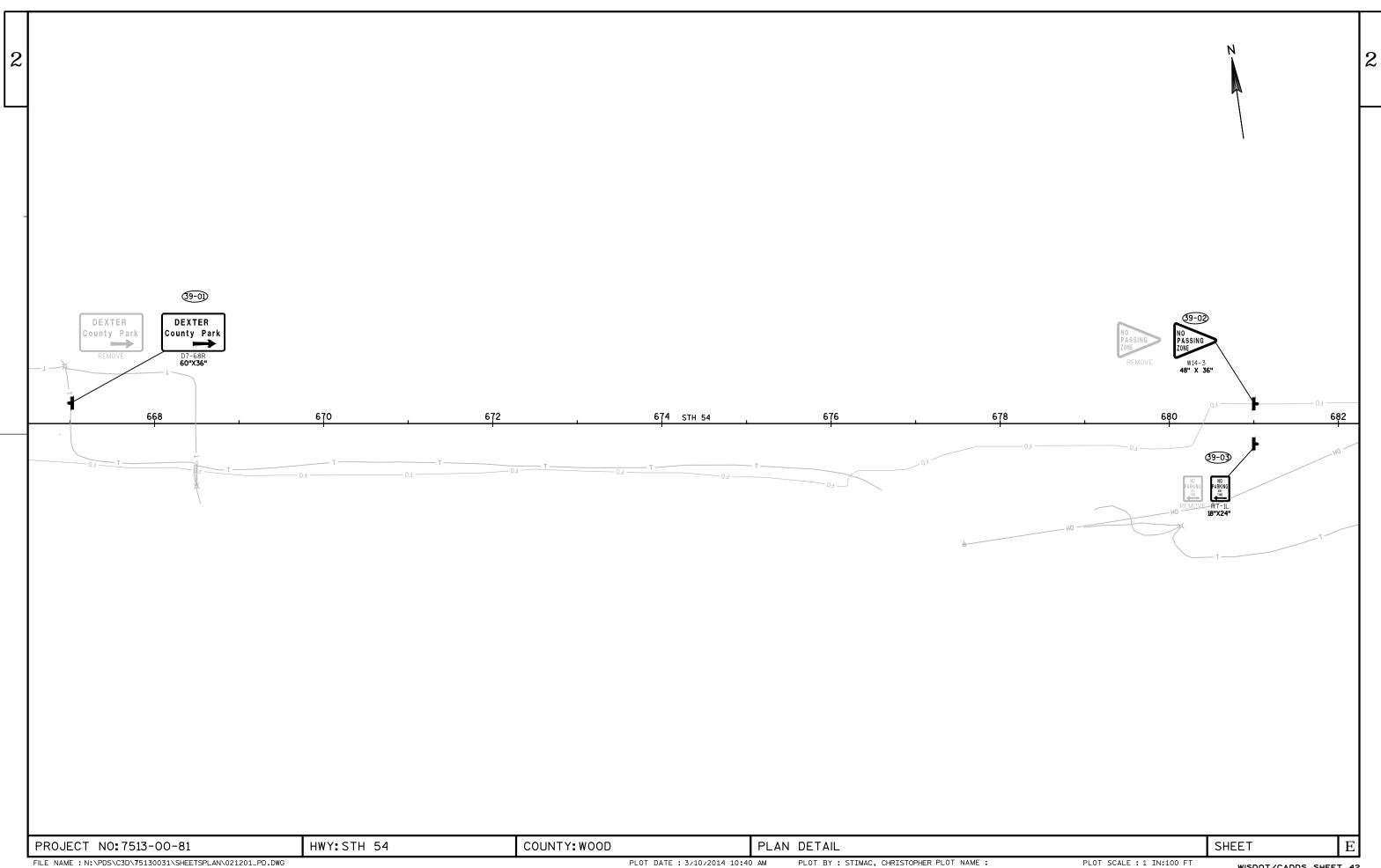


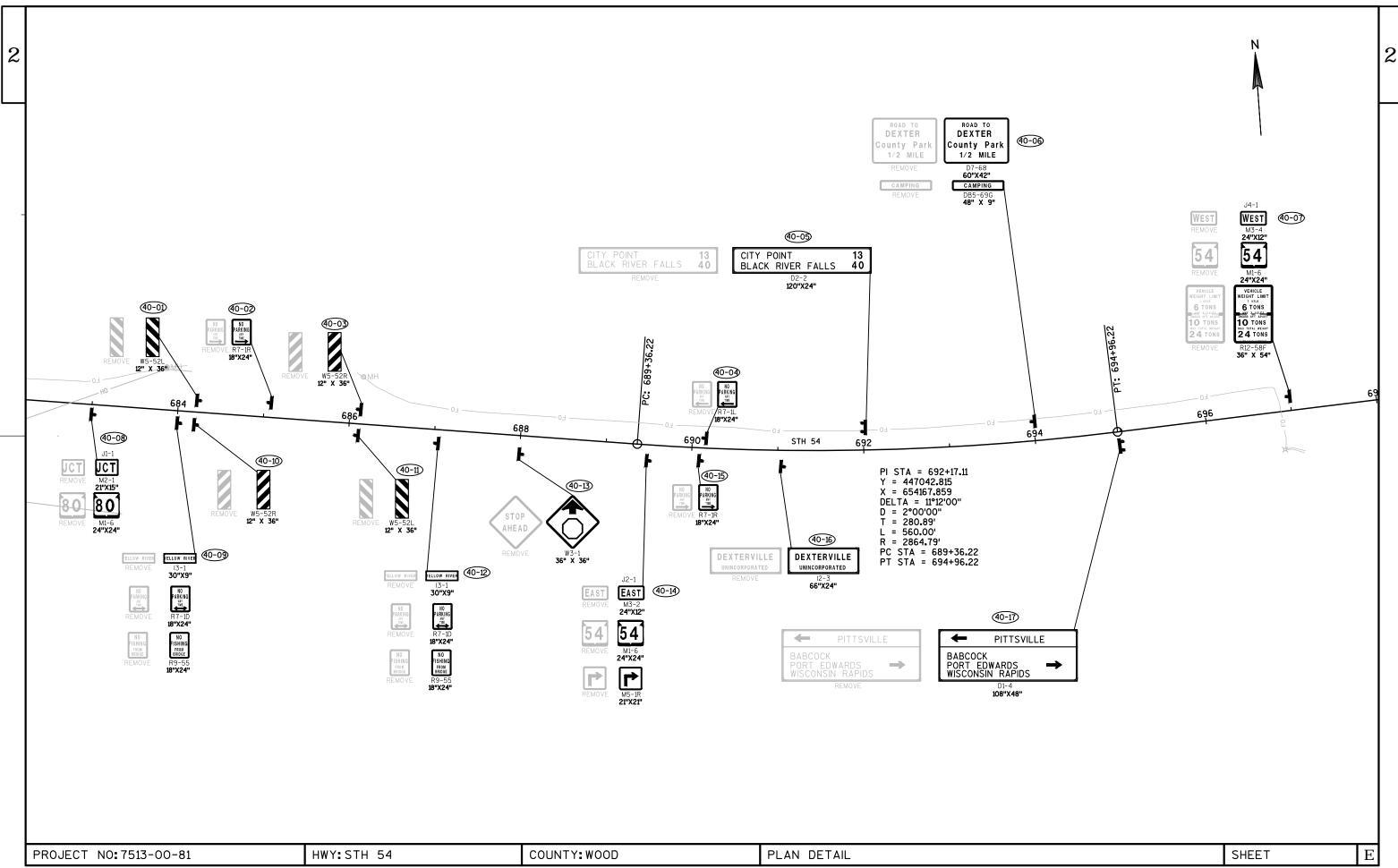




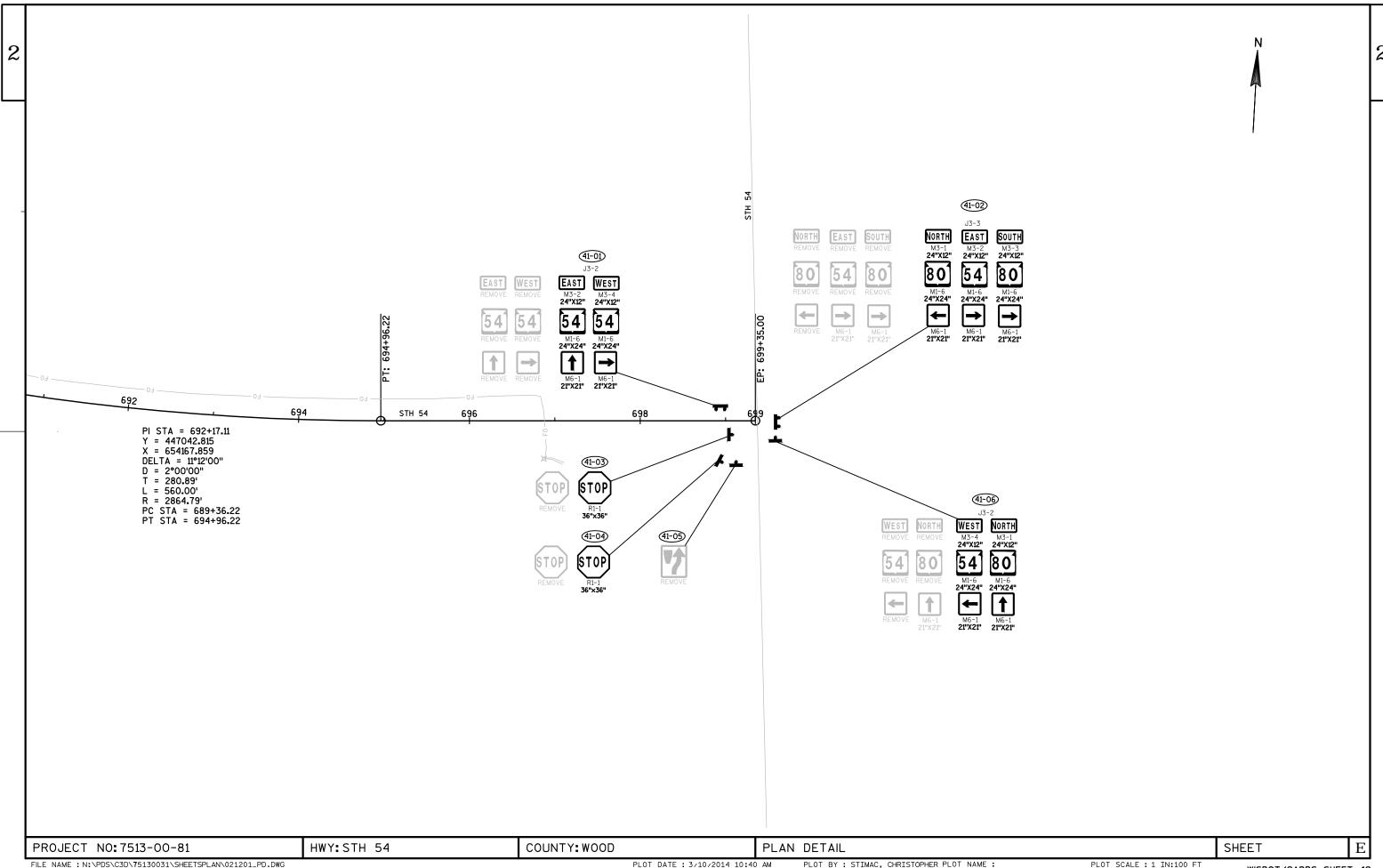




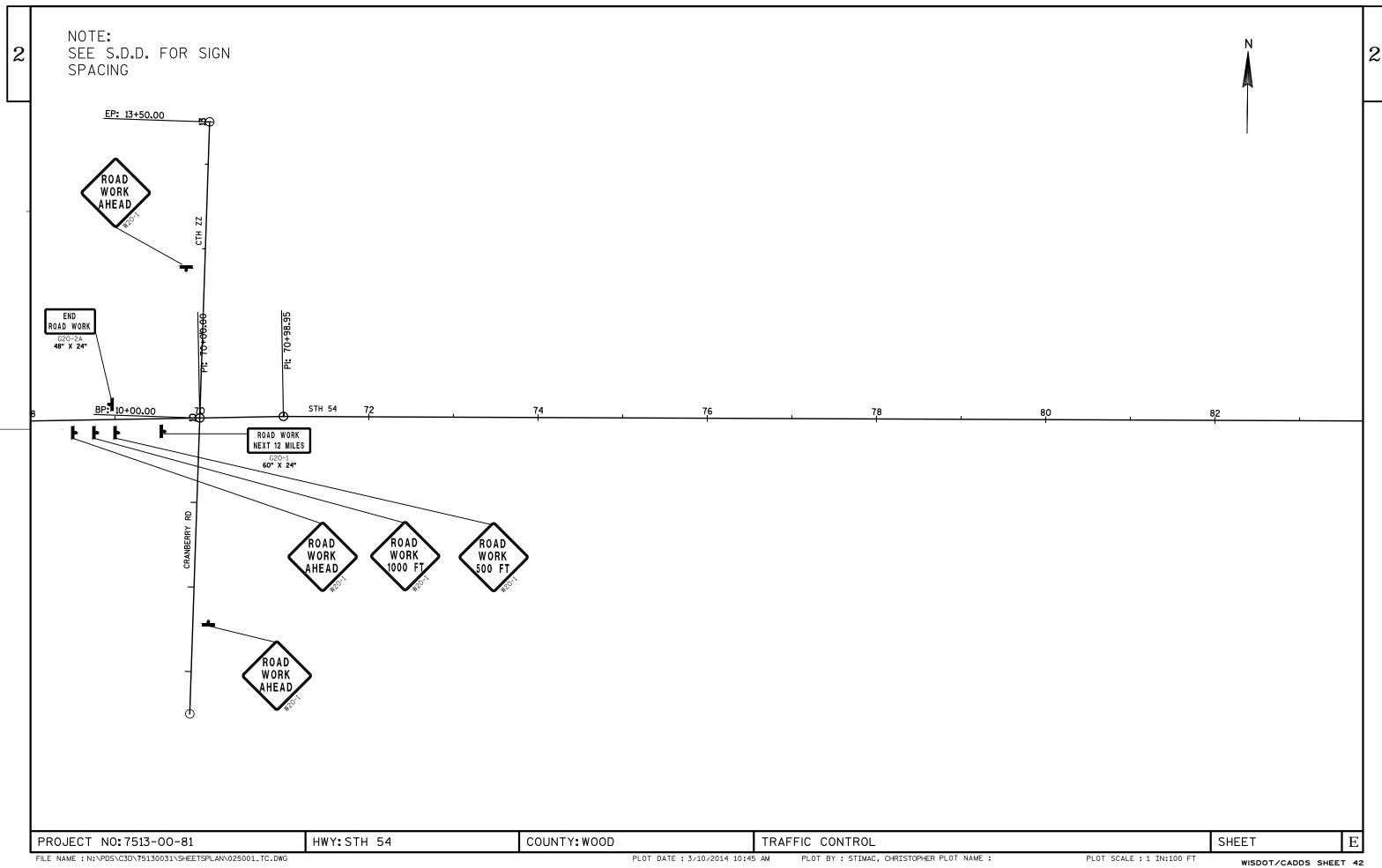


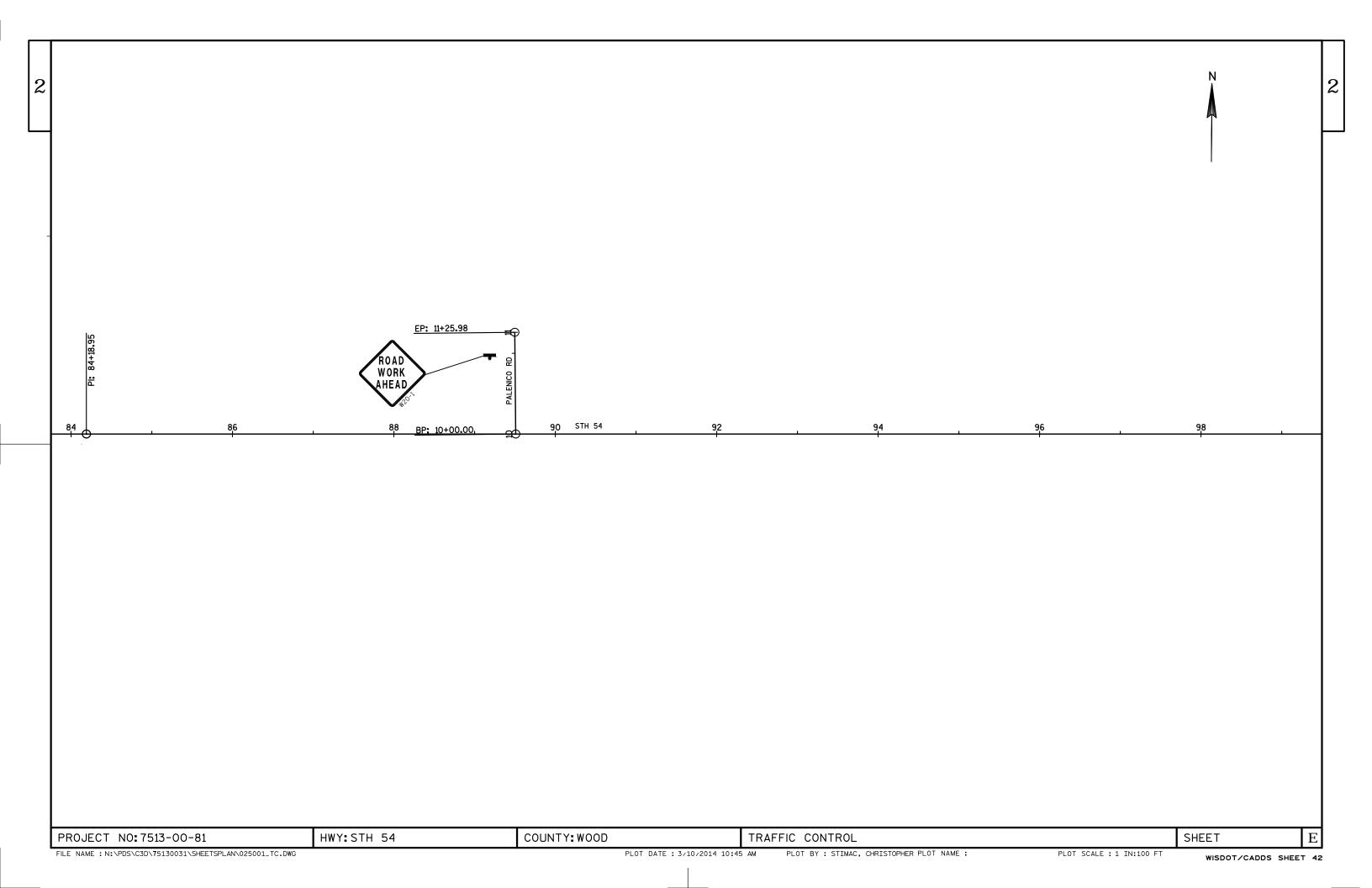


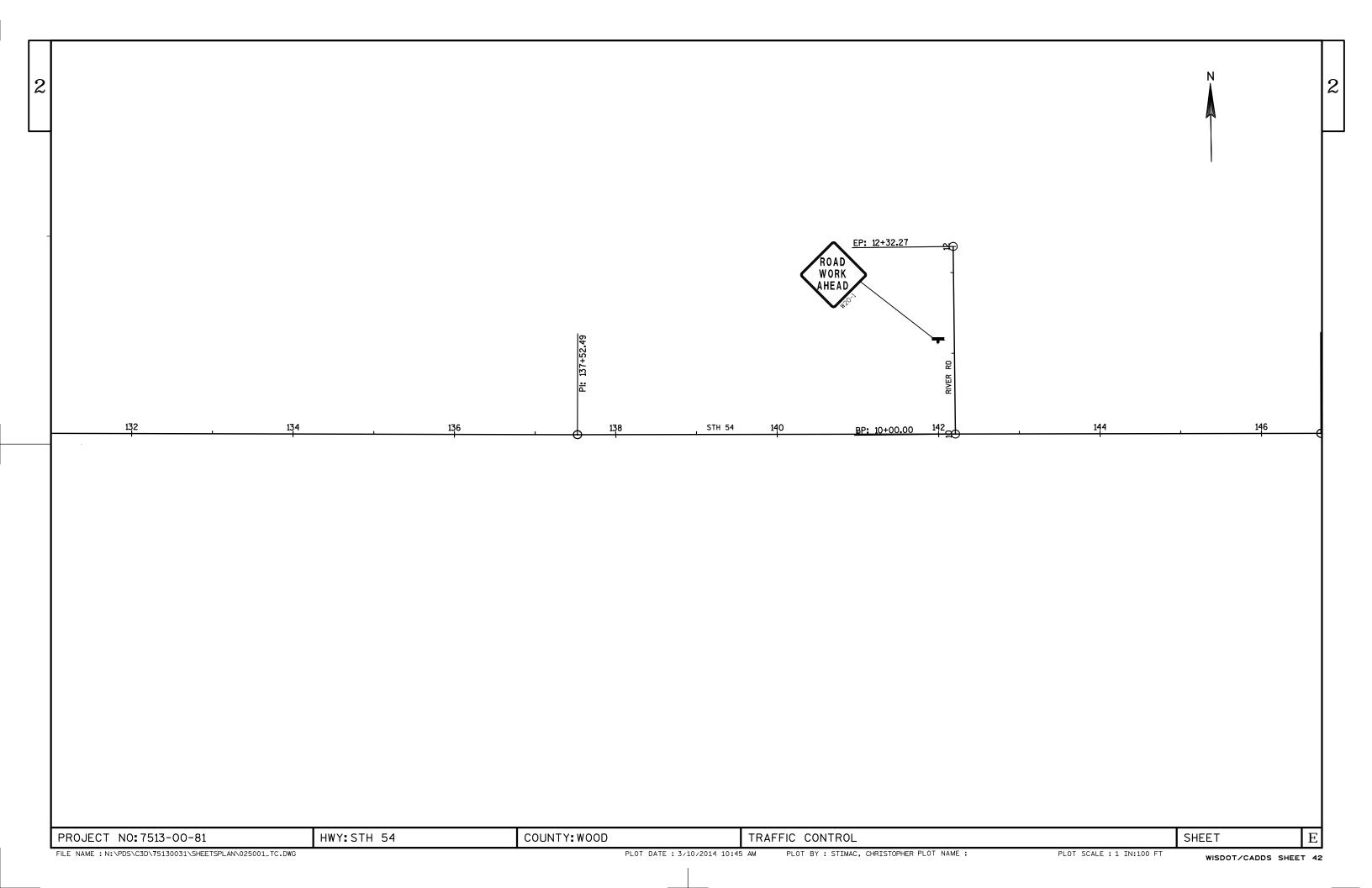
FILE NAME : N:\PDS\C3D\75130031\SHEETSPLAN\021201_PD.DWG PLOT BY : STIMAC, CHRISTOPHER PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42

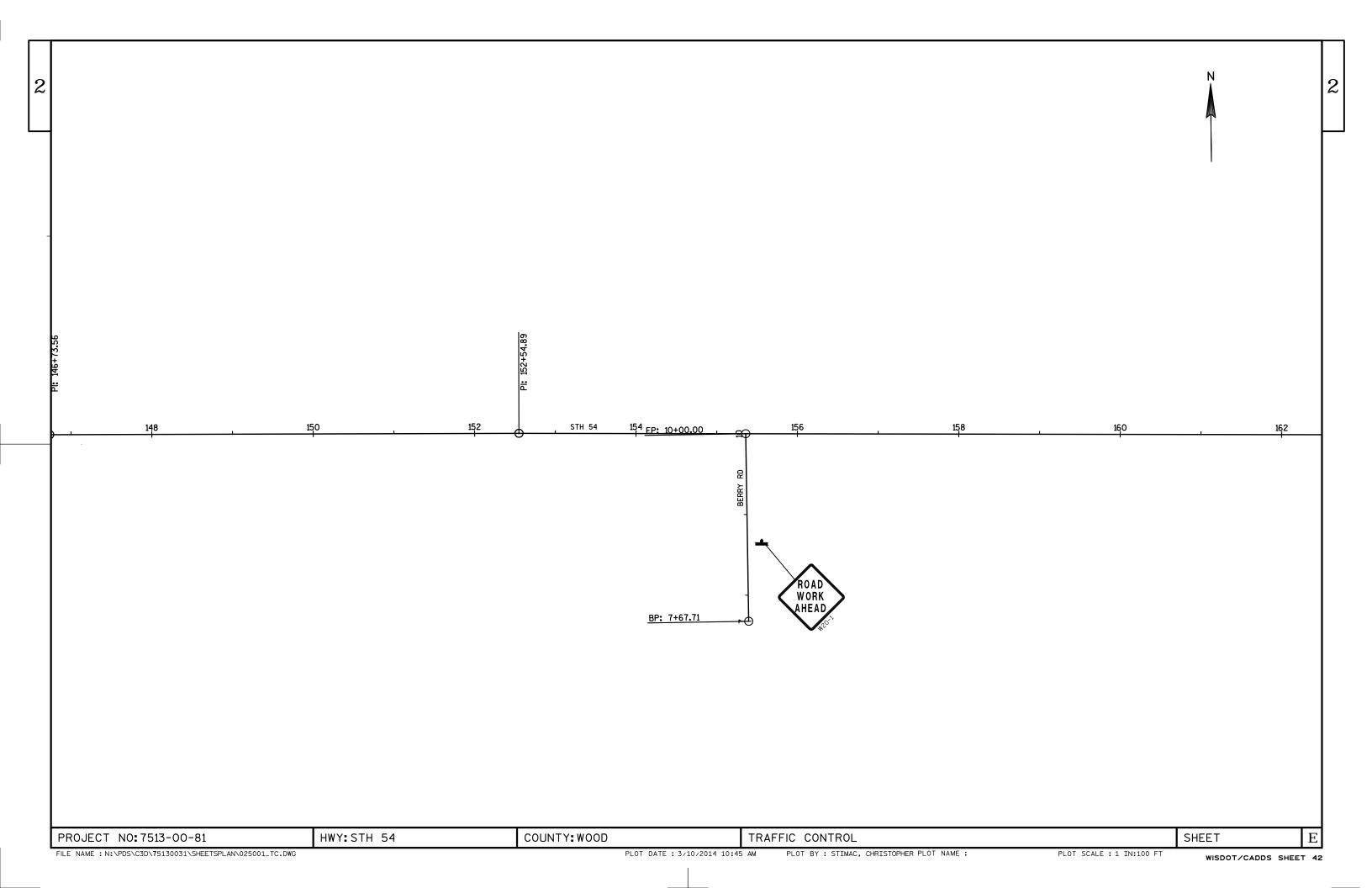


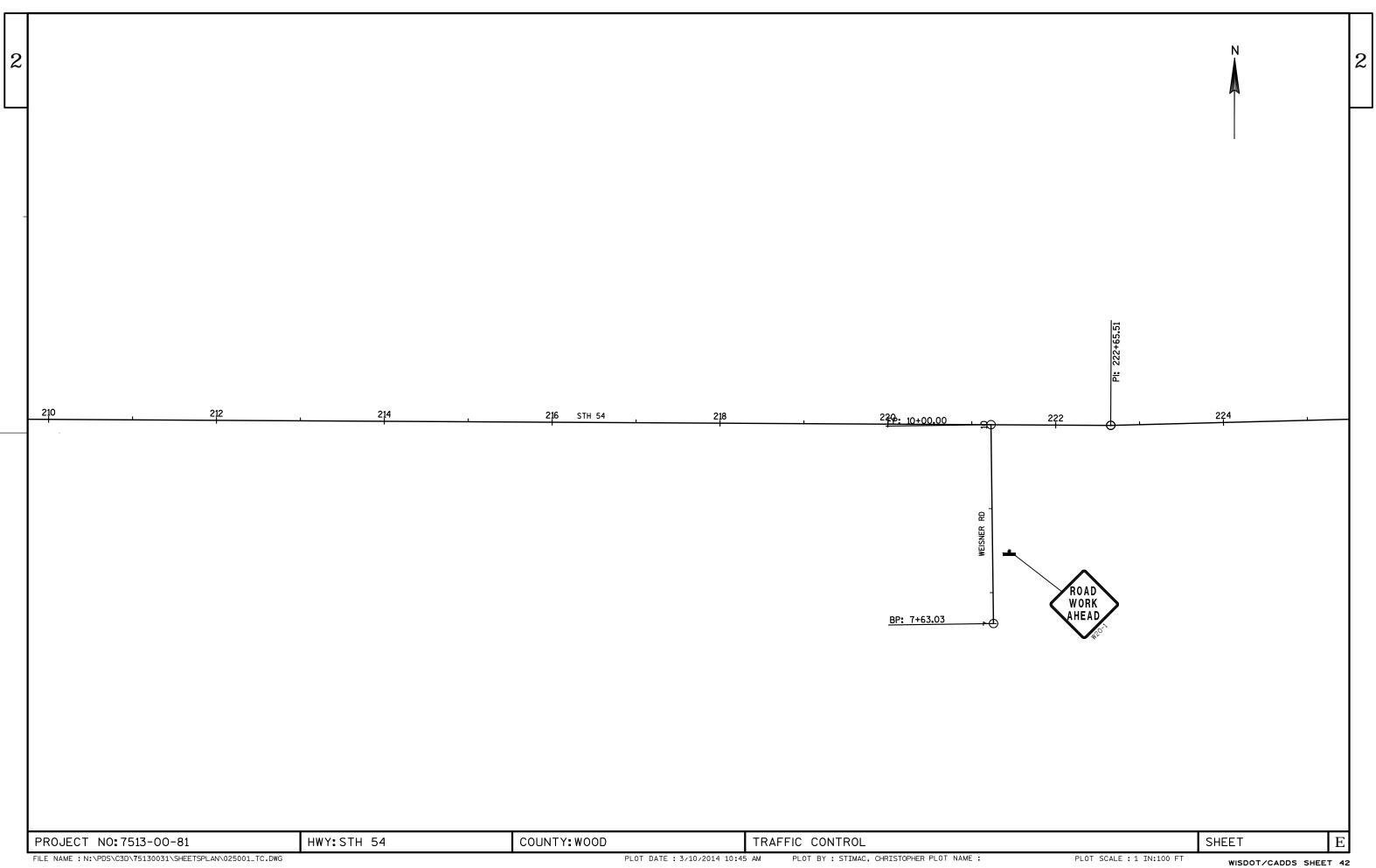
FILE NAME: N:\PDS\C3D\75130031\SHEETSPLAN\021201_PD.DWG PLOT DATE : 3/10/2014 10:40 AM PLOT BY : STIMAC, CHRISTOPHER PLOT NAME :

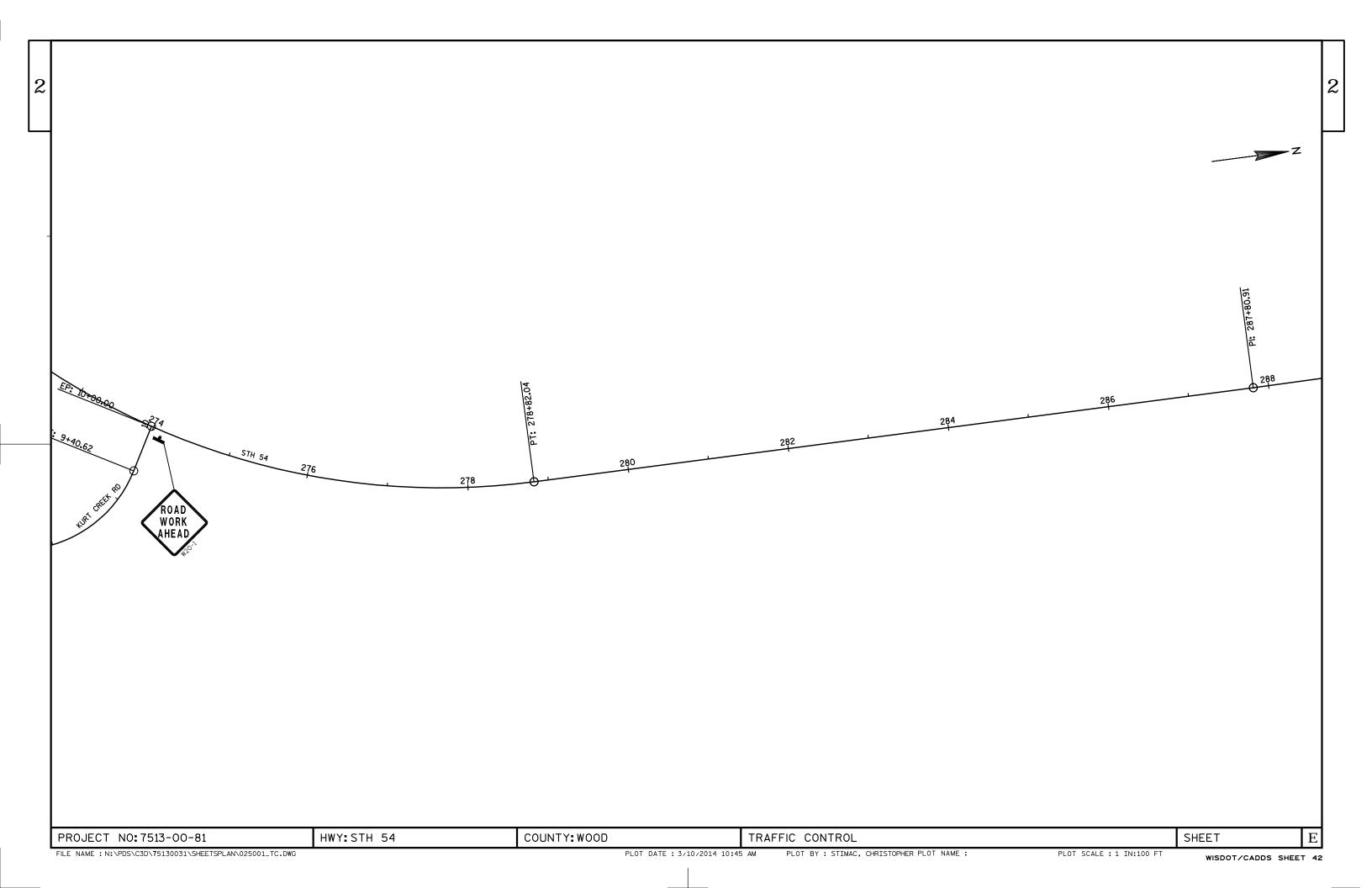


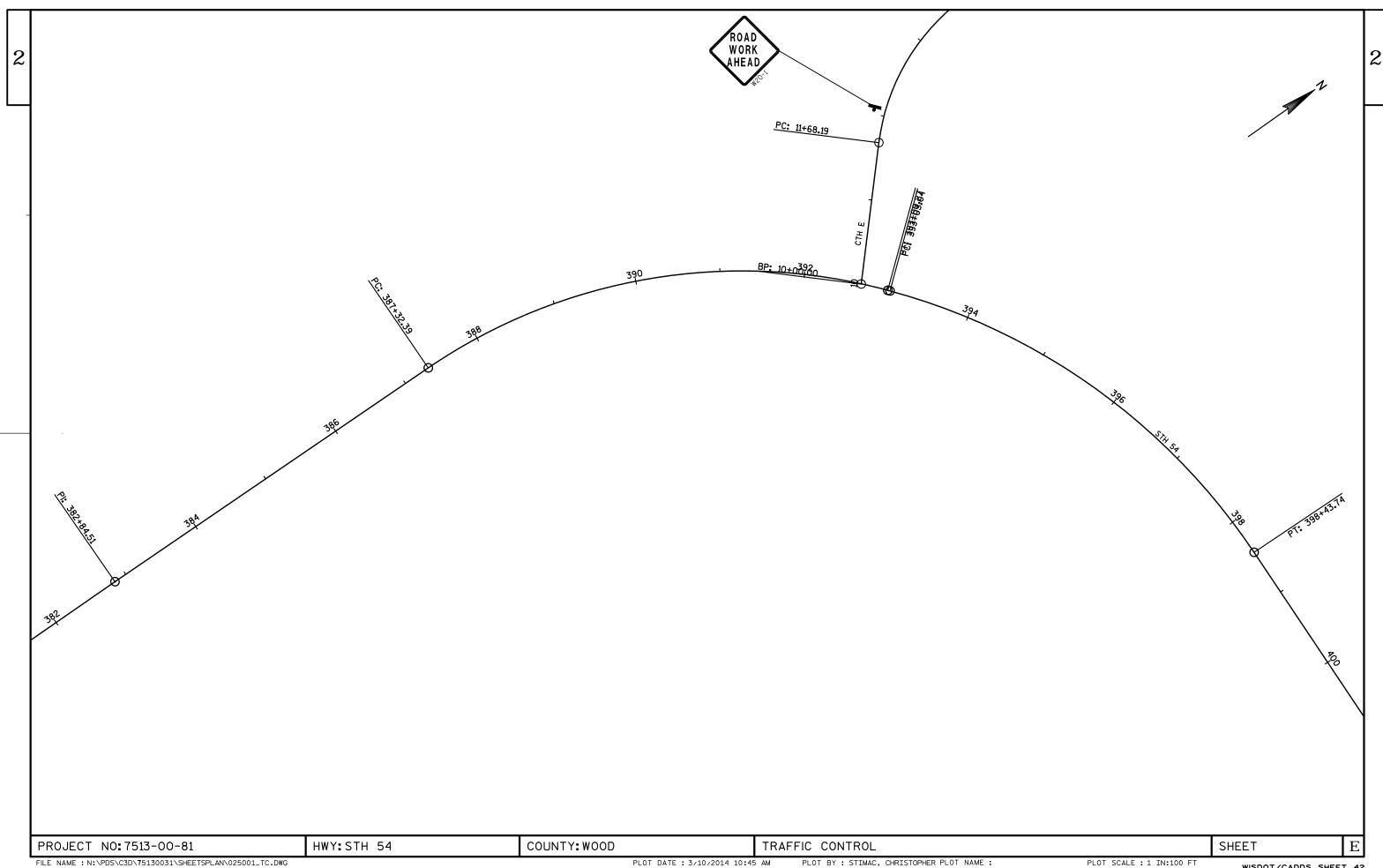


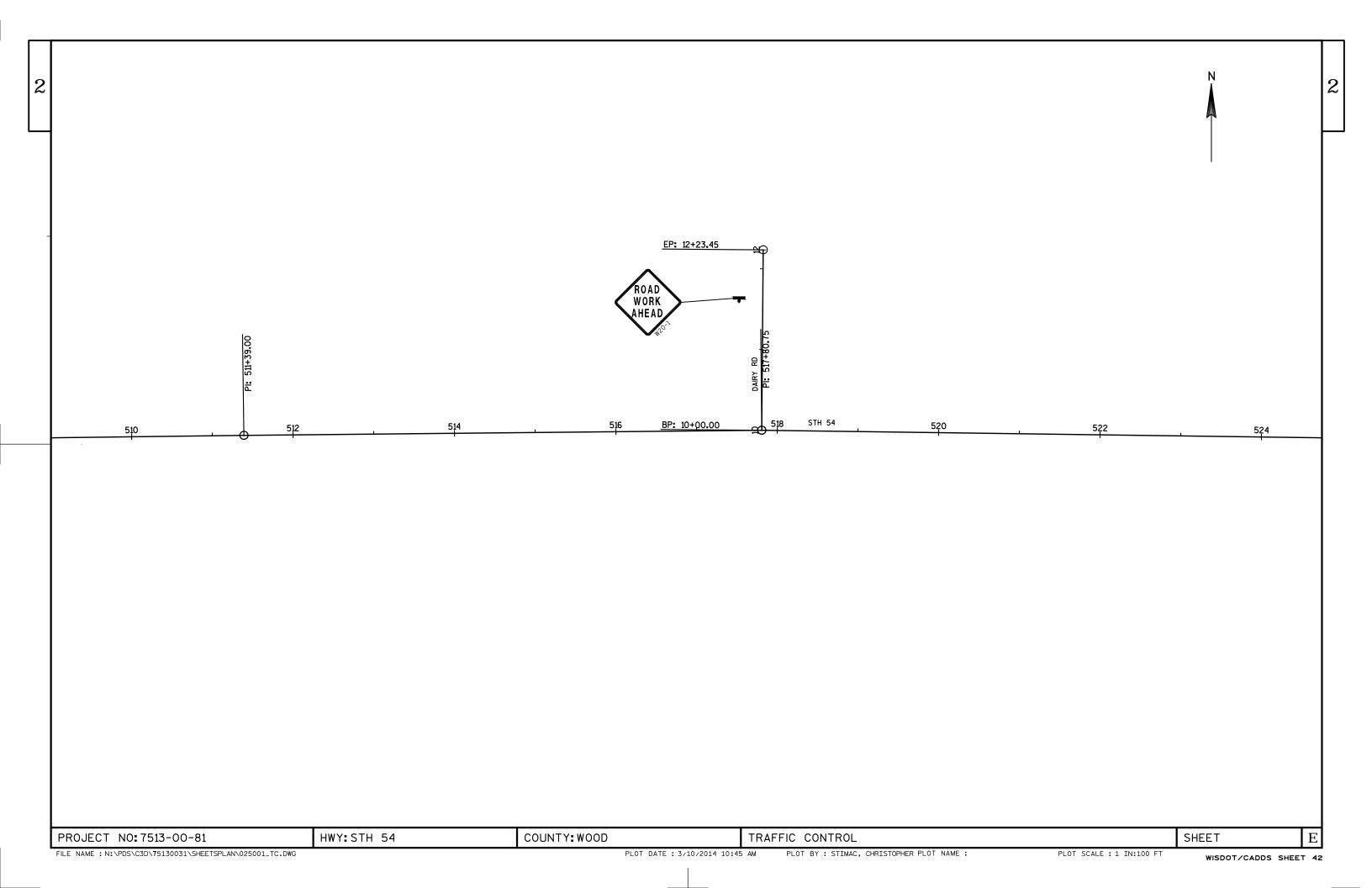


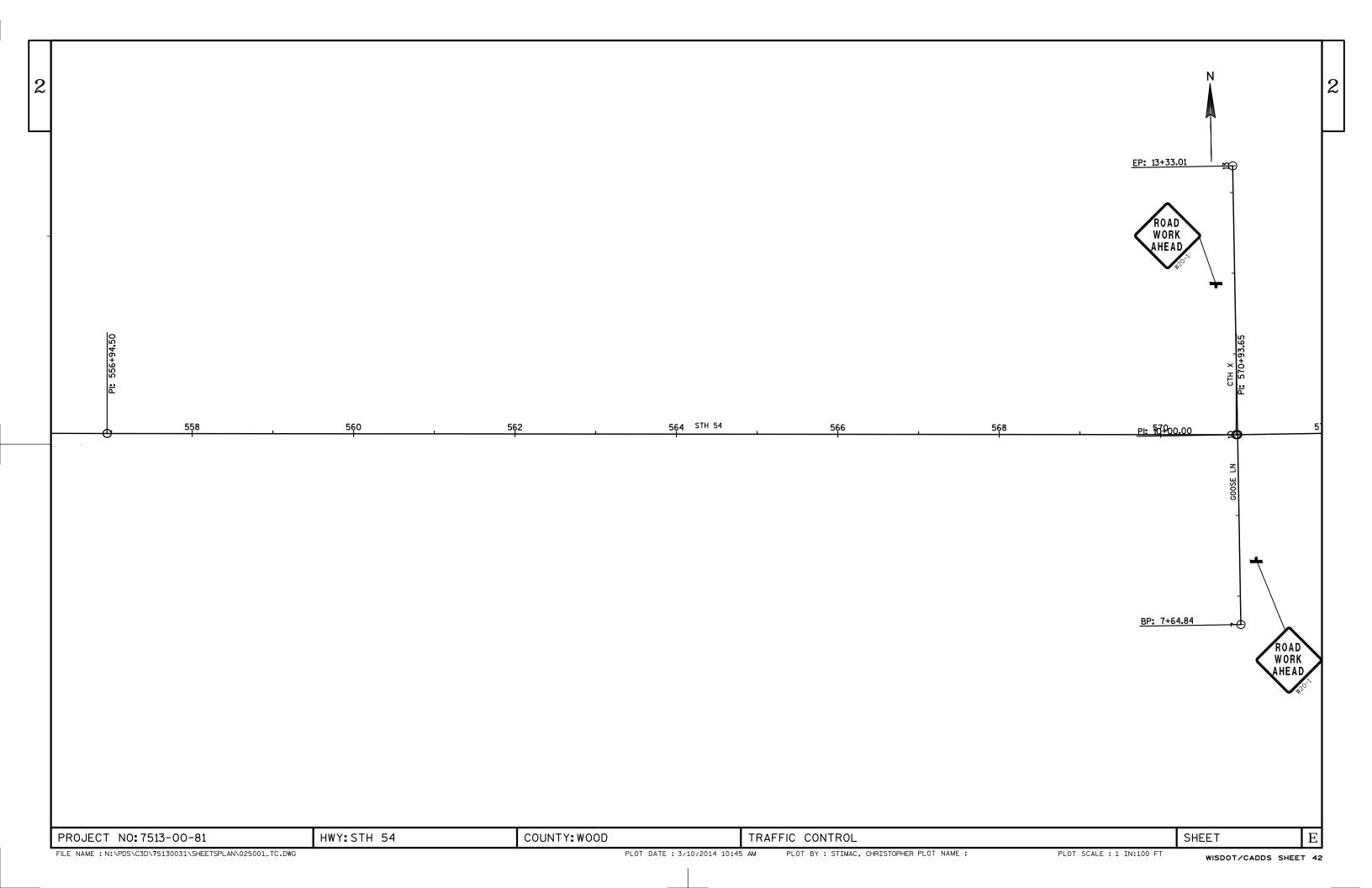


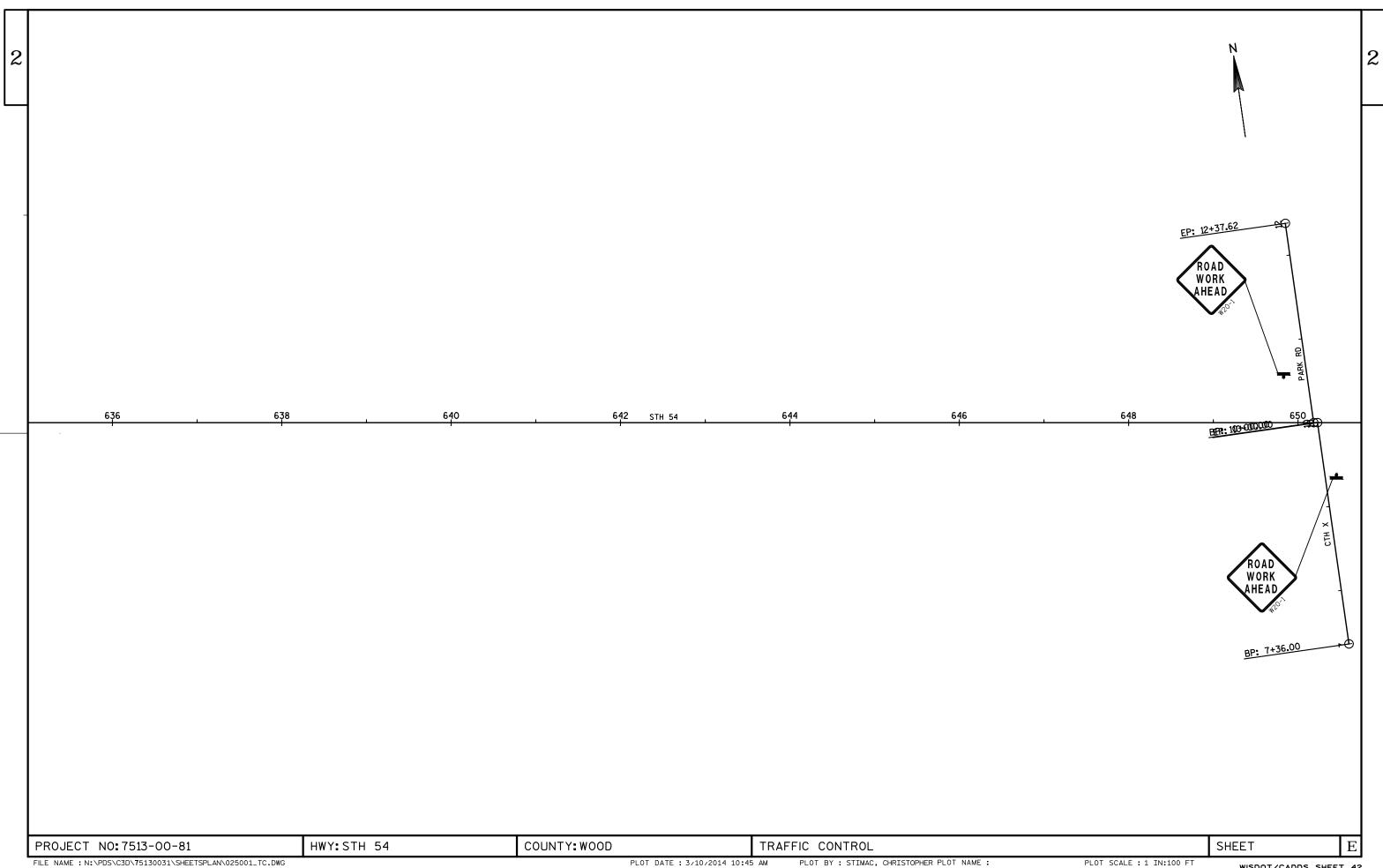


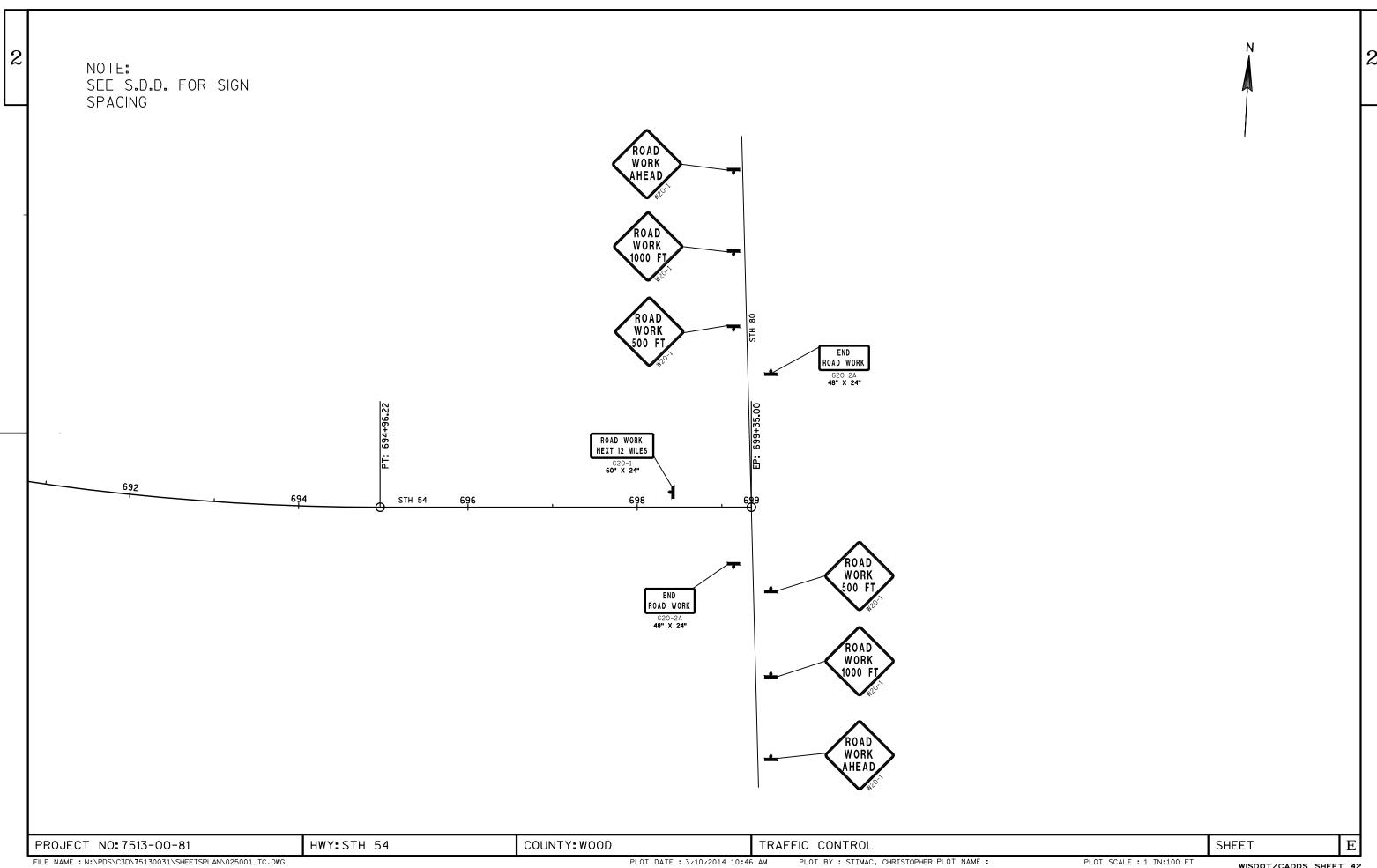












DATE 31 LINE	MAR14	EST	IMATE	OF QUAN	T I T I E S 7513-00-81
NUMBER		I TEM DESCRIPTION	UNIT	TOTAL	QUANTI TY
0010 0020	203. 0100 204. 0120	REMOVING SMALL PIPE CULVERTS REMOVING ASPHALTIC SURFACE MILLING	EACH SY	2. 000 1, 500. 000	2. 000 1, 500. 000
0020	204. 0125	REMOVING ASPHALTIC SURFACE MILLING	TON	5, 200. 000	5, 200. 000
0040	204. 0150	REMOVING CURB & GUTTER	LF	159.000	159. 000
0050	211. 0400	PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS	STA	1, 260. 000	1, 260. 000
0060	213. 0100	FINISHING ROADWAY (PROJECT) 01. 7513-00-81	EACH	1. 000	1.000
0070	305. 0110	BASE AGGREGATE DENSE 3/4-INCH	TON	3, 730. 000	3, 730. 000
0080 0090	305. 0120 455. 0105	BASE AGGREGATE DENSE 1 1/4-INCH ASPHALTIC MATERIAL PG58-28	TON TON	180. 000 1, 505. 300	180. 000 1, 505. 300
0100	455. 0605	TACK COAT	GAL	5, 575. 000	5, 575. 000
0110	460. 1101	HMA PAVEMENT TYPE E-1	TON	27, 363. 000	27, 363. 000
0120	460. 2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	17, 500. 000	17, 500. 000
0130 0140	465. 0105 465. 0315	ASPHALTIC SURFACE ASPHALTIC FLUMES	TON SY	2, 800. 000 20. 000	2, 800. 000 20. 000
0150	465. 0425	ASPHALTIC SHOULDER RUMBLE STRIP 2-LANE RURAL	LF	11, 702. 000	11, 702. 000
0160	465. 0475	ASPHALT CENTER LINE RUMBLE STRIP 2-LANE	LF	57, 977. 000	57, 977. 000
0170	523. 0419	RURAL CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV	LF	114. 000	114. 000
0180	601. 0553	19X30-INCH CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D	LF	159. 000	159. 000
0190 0200	614. 0010 614. 0345	BARRIER SYSTEM GRADING SHAPING FINISHING STEEL PLATE BEAM GUARD SHORT RADIUS	EACH LF	3. 000 50. 000	3. 000 50. 000
0210	614. 0920	SALVAGED RAIL	LF	3, 039. 000	3, 039. 000
0210	614. 2300	MGS GUARDRAIL 3	LF	3, 037. 500	3, 037. 500
0230	614. 2500	MGS THRIE BEAM TRANSITION	LF	160. 200	160. 200
0240	614. 2610	MGS GUARDRAIL TERMINAL EAT	EACH	3.000	3.000
0250	618. 0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 02. 7513-00-81	EACH	1. 000	1. 000
0260	619. 1000	MOBILIZATION	EACH	1.000	1.000
0270 0280	621. 0100 625. 0500	LANDMARK REFERENCE MONUMENTS SALVAGED TOPSOIL	EACH SY	56. 000 112. 000	56. 000 112. 000
0290	628. 1504	SILT FENCE	LF	1, 522. 000	1, 522. 000
0300	628. 1520	SILT FENCE MAINTENANCE	LF	1, 522. 000	1, 522. 000
0310	628. 1905	MOBILIZATIONS EROSION CONTROL	EACH	2. 000	2. 000
0320	628. 1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	2.000	2.000
0330 0340	628. 2004 628. 2006	EROSION MAT CLASS I TYPE B EROSION MAT URBAN CLASS I TYPE A	SY SY	28. 000 84. 000	28. 000 84. 000
0350	628. 7555	CULVERT PIPE CHECKS	EACH	18. 000	18. 000
0360	629. 0210	FERTILIZER TYPE B	CWT	0. 100	0. 100
0370 0380	630. 0130 633. 5200	SEEDING MIXTURE NO. 30 MARKERS CULVERT END	LB EACH	2. 000 4. 000	2. 000 4. 000
0390	634. 0612	POSTS WOOD 4X6-INCH X 12-FT	EACH	31. 000	31. 000
0400	634. 0614	POSTS WOOD 4X6-INCH X 14-FT	EACH	90.000	90. 000
0410	634. 0616	POSTS WOOD 4X6-INCH X 16-FT	EACH	6. 000	6. 000
0420	637. 2210	SIGNS TYPE II REFLECTIVE H	SF	1, 808. 770	1, 808. 770
0430 0440	637. 2215 637. 2230	SIGNS TYPE II REFLECTIVE H FOLDING SIGNS TYPE II REFLECTIVE F	SF SF	27. 000 1, 561. 840	27. 000 1, 561. 840
0440	638. 2602	REMOVING SIGNS TYPE II	EACH	124. 000	124. 000
	638. 3000	REMOVING SMALL SIGN SUPPORTS	EACH	113. 000	113. 000
0460	038. 3000				

DATE 31 LINE	MAR 14	E 3 I	IIWAI	E O F Q U A I	7513-00-81	
NUMBER	ITEM	ITEM DESCRIPTION	UNI T	TOTAL	QUANTI TY	
0480	643.0300	TRAFFIC CONTROL DRUMS	DAY	100.000	100.000	
0490	643.0900	TRAFFIC CONTROL SIGNS	DAY	1, 350. 000	1, 350. 000	
0500	646. 0106	PAVEMENT MARKING EPOXY 4-INCH	LF	29, 786. 000	29, 786. 000	
0510	646. 0406	PAVEMENT MARKING SAME DAY EPOXY 4-INCH	LF	41, 463. 000	41, 463. 000	
0520	648. 0100	LOCATING NO-PASSING ZONES	MI	11. 930	11. 930	
0530	649. 0100	TEMPORARY PAVEMENT MARKING 4-INCH	LF	29, 768. 000	29, 768. 000	
0540	650. 6000	CONSTRUCTION STAKING PIPE CULVERTS	EACH	2.000	2. 000	
0550	650. 8000	CONSTRUCTION STAKING RESURFACING REFERENCE	LF	63, 014. 000	63, 014. 000	
0560	650. 9910	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 04. 7513-00-81	LS	1.000	1. 000	
0570	690. 0150	SAWING ASPHALT	LF	514.000	514.000	
0580	ASP. 1TOA	ON-THE-JOB TRAINING APPRENTICE AT \$5. OO/HR	HRS	1, 260. 000	1, 260. 000	
0590	ASP. 1T0G	ON-THE-JOB TRAINING GRADUATE AT \$5.00/HR	HRS	1, 000. 000	1, 000. 000	
0600	SPV. 0060	SPECIAL 01. REESTABLISH SECTION CORNER	EACH	14. 000	14. 000	
0610	SPV. 0060	SPECIAL 02. 19X30-INCH HORIZONTAL 4:1	EACH	4. 000	4. 000	
0620	SPV. 0090	SPECIAL 01. PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY PAVEMENT 4-INCH	LF	125, 328. 000	125, 328. 000	
0630	SPV. 0090	SPECIAL O2. PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY PAVEMENT 8-INCH	LF	10. 000	10. 000	

REMOVING ASPHALTIC SURFACE MILLING

LOCATION	204.0120 SY	204.0125 TONS	REMARKS
197+02 - 699+39	-	5200	MAINLINE STH 54
INTERSECTIONS			
54 - X to the North	800	-	
54 - E	150	-	
Dairy rd	100	-	
54 - X to the South	300	-	
54 - Park entrance	150	-	
TOTAL	1500	5200	

REMOVING CURB & GUTTER

STATION - STATION	LOCATION	204.0150 LF	REMARKS
69+48 - 69+86 70+19 - 70+79	LEFT LEFT	61 98	CTH ZZ NW QUAD CTH ZZ NE QUAD
	TOTAL	159	

PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS

STATION - STATION	LOCATION	211.0400 STATION	REMARKS
69+00 - 699+40 69+00 - 699+40	RIGHT LEFT	630 630	STH 54 STH 54
	TOTAL	1260	

BASE AGGREGATE DENSE

STATION - STATION	LOCATION	305.0120 1 1/4-INCH TON	305.0110 3/4-INCH TON	REMARKS
70+30 - 264+83	Right & Left	-	1340	
264+83 - 278+82	Right & Left	-	30	
278+82 - 313+95	Right & Left	-	260	
313+95 - 327+96	Right & Left	-	30	
327+96 - 336+43	Right & Left	-	60	
336+43 - 350+28	Right & Left	-	30	
350+28 - 387+27	Right & Left	-	260	
387+27 - 398+50	Right & Left	-	30	
398+50 - 619+40	Right & Left	-	1520	
619+40 - 627+43	Right & Left	-	20	
627+43 - 699+39	Right & Left	-	150	
70+58	Culvert Pipes	180	-	
	•			
	TOTALS	180	3730	

PROJECT NO: 7513-00-81 HWY: STH 54 COUNTY: WOOD MISCELLANEOUS QUANTITIES SHEET:A E

3

ASPHALTIC FLUMES

STATION	LOCATION	465.0315 SY	REMARKS
69+83 70+20	62' LEFT 85' LEFT	10 10	
	TOTAL	20	

CROSS DRAINS

STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	523.0419 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELIPTICAL CLASS HE-IV 19x30-INCH LF	SPV.0061.02 REINFORCED CONCRETE ENDWALLS 19X30-INCH HORIZONTAL ELLIPTICAL 4:1 SPECIAL EACH	REMARKS
70+60	LT & RT	1	57	2	
70+66	LT & RT	1	57	2	
	TOTALS	2	114	4	

HMA PAVEMENT

STATION - STATION	LOCATION	455.0605 TACK COAT GAL	460.1101 HMA PAVEMENT TYPE E-1 TON	455.0105 ASPHALTIC MATERIAL PG58-28 TON	465.0105 ASPHALTIC SURFACE TON	REMARKS
70+00 - 699+39 70+00 - 264+83 70+30 - 197+02 278+82 - 313+95 327+96 - 336+43 350+28 - 387+27	RT & LT RT & LT RT & LT RT & LT RT & LT RT & LT	3846 433 0 78 19 82	15100 3637 0 656 158 690	830.5 200.0 0.0 36.1 8.7 38.0	- - 1900.0 - -	MAINLINE (24') SHOULDER (6' TOTAL) WEDGING SHOULDER (6' TOTAL) SHOULDER (6' TOTAL) SHOULDER (6' TOTAL)
398+50 - 619+40 627+43 - 699+39 264+83 - 278+82	RT & LT RT & LT RT & LT	491 400 39	4123 1343 330	226.8 73.9 18.2	- - -	SHOULDER (6' TOTAL) SHOULDER (6' TOTAL) SHOULDER (10' TOTAL)
313+95 - 327+96 336+43 - 350+28 387+27 - 398+50 619+40 - 627+43	RT & LT RT & LT RT & LT RT & LT	39 38 31 22	330 323 260 190	18.2 17.8 14.3 10.5	- - -	SHOULDER (10' TOTAL) SHOULDER (10' TOTAL) SHOULDER (10' TOTAL) SHOULDER (10' TOTAL)
54-ZZ 54 - X 54 - E	RT & LT RT & LT LT	19 21 4	76 81 14	4.2 4.5 0.8	- - -	INTERSECTION INTERSECTION INTERSECTION
DAIRY ROAD 54 - X 54 - PARK ENTERANCE UNDISTRIBUTED	LT RT LT 0	2 7 4 0	8 29 15 0	0.4 1.6 0.8 0.0	- - - 900	INTERSECTION INTERSECTION INTERSECTION FOR SPOT LANE REPAIR
2.13.0.1.120.25	TOTALS	5575	27363	1505.3	2800	

PROJECT NO: 7513-00-81 HWY: STH 54 COUNTY: WOOD MISCELLANEOUS QUANTITIES SHEET:B

CONCRETE CURB & GUTTER

		601.0553	
		36-INCH	
		TYPE D	
STATION - STATION	LOCATION	LF	REMARKS
69+48 - 69+86	LEFT	61	CTH ZZ NW QUAD
70+19 - 70+79	LEFT	98	CTH ZZ NE QUAD
	TOTAL	159	

LANDMARK REFERENCE MONUMENTS

SPV.0061.01 REESTABLISH SECTION 621.0100 REFERENCE CORNER LANDMARK MOMUMENTS **MONUMENTS** STATION LOCATION **EACH** EACH REMARKS C/L 70+00 NW COR SECTION 31 T22N R2E 89+52 7' RT OF C/L S 1/4 COR SECTION 30 T22N R2E 115+83 5.5' RT OF C/L SW COR SECTION 29 T22N R2E 142+14 C/L S 1/4 COR SECTION 29 T22N R2E 168+48 C/L SE COR SECTION 29 T22N R2E 6.7' RT OF C/L 247+46 N 1/4 COR SECTION 34 T22N R2E 296+38 5' RT OF C/L 4 E 1/4 COR SECTION 27 T22N R2E 417+53 2' RT OF C/L NW COR SECTION 24 T22N R2E 443+65 1' RT OF C/L N 1/4 COR SECTION 24 T22N R2E 517+86 1' LT OF C/L 4 SW COR SECTION 17 T22N R3E

4

4

56

SHEET:C Е COUNTY: WOOD PROJECT NO: 7513-00-81 HWY: STH 54 MISCELLANEOUS QUANTITIES

FILE NAME: N:\pds\design_id\6260-02-31/61/63 STH 49/161\Quantities\62600261/63_mp.ppt

544+43

570+99

597+34

623+67

2' RT OF C/L

C/L

C/L

17.3' LT OF C/L

TOTAL

14

PLOT DATE :

S 1/4 COR SECTION 17 T22N R3E

SW COR SECTION 16 T22N R3E

N1/4 COR SECTION 21 T22N R3E

SE COR SECTION 16 T22N R3E

PLOT SCALE: 1:1

STEEL PLATE BEAM GUARD

	LOCATION	614.0920 SALVAGED GUARDRAIL	614.2300 MSG GUARDRAIL 3	614.2500 MSG THRIE BEAM TRANSITION	614.2610 MSG GUARDRAIL TERMINAL EAT	614.0345 STEEL PLATE BEAM GUARD SHORT RADIUS	DEMARKS
STATION - STATION	LOCATION	LF	LF	LF	EACH	LF	REMARKS
672+43 680+32 692+59	LEFT LEFT RIGHT	- - -	- - -	- - -	1 1 -	- - 50	
694+25	LEFT	-	-	-	1	-	
672+43 - 680+10	LEFT	767	-	-	-	-	
672+47 - 680+10	LEFT	-	762.5	-	-	-	
680+10 - 684+22	RIGHT	-	412.5	-	-	-	
680+10 - 684+25	RIGHT	415	-	-	-	-	
680+25 - 684+25	LEFT	-	400.0	-	-	-	
680+32 - 684+25	LEFT	393	-	-	-	-	
686+10 - 692+59	RIGHT	649	-	-	-	-	
686+10 - 692+60	RIGHT	-	650.0	-	-	-	
686+10 - 694+22	LEFT	-	812.5	-	-	-	
686+10 - 694+25	LEFT	815	-	-	-	-	
683+72 - 684+25	RIGHT	-	-	53.4	-	-	
680+10 - 680+63	LEFT	-	-	53.4	-	-	
680+10 - 680+63	RIGHT	-	-	53.4	-	-	
	TOTALS	3039	3037.5	160.2	3	50	_

ASPHALTIC CENTER LINE RUMBLE STRIP

		465.0475	
STATION - STATION	LOCATION	LF	REMARKS
72+00 - 87+50	C/L	1550	
91+50 - 140+20	C/L	4870	
144+20 - 153+36	C/L	916	
157+36 - 219+23	C/L	6187	
223+23 - 271+98	C/L	4875	
275+98 - 291+70	C/L	1572	
292+50 - 354+73	C/L	6223	
356+73 - 390+48	C/L	3375	
394+48 - 515+81	C/L	12133	
519+81 - 568+95	C/L	4914	
572+95 - 648+23	C/L	7528	
652+23 - 658+73	C/L	650	
662+73 - 683+95	C/L	2122	
686+38 - 697+00	C/L	1062	
	TOTAL	57977	

ASPHALTIC SHOULDER RUMBLE STRIP

		465.0425 TYPE 1	
STATION - STATION	LOCATION	LF	REMARKS
264+83 - 273+38	RIGHT	855	EDGELINE
264+83 - 278+82	LEFT	1399	EDGELINE
274+58 - 278+82	RIGHT	424	EDGELINE
313+95 - 327+96	R&L	2802	EDGELINE
336+43 - 350+28	R&L	2770	EDGELINE
387+27 - 390+48	LEFT	321	EDGELINE
394+48 - 398+50	LEFT	402	EDGELINE
387+27 - 398+50	RIGHT	1123	EDGELINE
619+40 - 627+43	R&L	1606	EDGELINE
	TOTAL	11702	

HWY: STH 54 COUNTY: WOOD MISCELLANEOUS QUANTITIES SHEET: D **E**

FILE NAME : N:\pds\design_id\6260-02-31/61/63 STH 49/161\Quantities\62600261/63_mp.ppt

PROJECT NO: 7513-00-81

PLOT DATE : ____

PLOT BY : ____

PLOT NAME : ____

PLOT SCALE : 1:1

MOBILIZATIONS EROSION CONTROL

	628.1905 MOBILIZATIONS EROSION	628.1910 MOBILIZATIONS EMERGENCY EROSION	
STATION - STATION	CONTROL EACH	CONTROL EACH	REMARKS
PROJECT	2	2	
TOTALS	2	2	

EROSION MAT

STATION - STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	628.2004 CLASS I TYPE B SY	628.2006 URBAN CLASS I TYPE A SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEED MIXTURE NO 30 LB	REMARKS_
							_
69+48 - 69+86	25' LEFT	24	-	24	0.02	0.4	
70+19 - 70+79	25 LEFT	40	-	40	0.03	0.7	
69+61 - 69+71	60' LEFT	7	7	-	0.01	0.1	
70+36 - 70+46	83' LEFT	7	7	-	0.01	0.1	
70+55 - 70+69	19' RIGHT	7	-	7	0.01	0.1	
70+59 - 70+71	42' LEFT	14	14	-	0.01	0.3	
70+59 - 70+71	33' LEFT	13	-	13	0.01	0.2	
	TOTALS	112	28	84	0.10	2	

NOTE: ADDITIONAL QUANTITIES SHOWN IN GRADING SHAPING AND EROSION CONTROL

SILT FENCE

STATION - STATION	LOCATION	628.1504 LF	628.1520 MAINTENANCE LF	REMARKS
671+38 - 673+00	LEFT	162	162	
680+20 - 684+00	RIGHT	380	380	
686+20 - 694+00	RIGHT	780	780	
693+50 - 695+50	LEFT	200	200	
	TOTALS	1522	1522	

CULVERT PIPE CHECKS

		628.7555 CULVERT PIPE CHECKS	
STATION	LOCATION	EACH	REMARKS
11"ZZ"+32 70+60 70+66	RIGHT RIGHT RIGHT	6 6 6	
	TOTAL	18	

PROJECT NO: 7513-00-81 HWY: STH 54 COUNTY: WOOD MISCELLANEOUS QUANTITIES SHEET:E

CONSTRUCTION STAKING

STATION	LOCATION	OFFSET	633.5200 MARKERS CULVERT END EACH	REMARKS
70+62 70+62 70+65 70+65	RIGHT LEFT RIGHT LEFT	19' 31' 19' 31'	1 1 1	
		TOTALS	4	

MARKERS CULVERT END

STATION - STATION	650.6000 PIPE CULVERTS EACH	650.8000 RESURFACING REFERENCE LF	650.9910 SUPPLEMENTAL CONTROL LS	REMARKS
69+25 - 699+39		63014	1	STH 54
70+60	1			CTH ZZ
70+66	1			CTH ZZ
TOTALS	2	63014	1	

SAWING ASPHALT

		690.0150	
STATION	LOCATION	LF	REMARKS
69+25	RT & LT	39	STH 54
69+45	LT	63	ALONG CURB
70+00	LT	30	CTH ZZ
70+00	RT	24	CRANBERRY RD
70+18	LT	94	ALONG CURB
70+60	RT & LT	37	WEST OF CULVERT
70+66	RT & LT	37	EAST OF CULVERT
155+35	RT	22	BERRY RD
392+60	LT	22	CTH E
517+86	LT	20	DAIRY RD
570+98	RT	22	GOOSE LN
570+98	LT	32	CTH X NORTH
650+80	RT	28	CTH X SOUTH
660+83	LT	20	PARK ENTRANCE
699+39	RT & LT	24	STH 54
	TOTAL	514	

HWY: STH 54

	MISCELLANEOUS QUANTITIES		SHEET:F	E
•		 		

PROJECT NO: 7513-00-81

COUNTY: WOOD

SIGN LISTING

637.2215

				637.2210	REFLECTIVE	637.2230				638.2602	638.3000	
				REFLECTIVE	FOLDING	REFECTIVE	WOO	D POSTS 4	4" X 6"	REMOVING	REMOVING	
				TYPE II	TYPE II	TYPE II	634.0612	634.0614	634.0616	SIGNS	SIGN	
SIGN	SIGN		SIZE	Н	Н	F	12-FT	14-FT	16-FT	TYPE II	SUPPORTS	
NO.	CODE	MESSAGE	INCHES	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	REMARKS
1-01	12-2	JACKSON COUNTY	66"X15"	6.88			2			1	1	
1-02	J13-1	54 LEFT, RIGHT ARROW	24"X45"	7.50				1		1	1	
1-03	R1-1	STOP	30: X 30"	5.18				1		1	1	
1-04	J3-1	CTY ZZ RIGHT ARROW	24"X45"	7.50				1		1	1	
1-05	W3-5	SPEED LIMIT 45 AHEAD	36"X36"			9.00		1		1	1	
1-06	J1-1	JCT ZZ	24"X39"	6.50				1		1	1	
1-07	J3-1	CTY ZZ , LEFT ARROW	24"X45"	7.50				1		1	1	
1-08	R1-1	STOP	30"X30"	5.18				1		1	1	
1-09	12-2	WOOD COUNTY	48"X15"	5.00			2			1	1	
1-10	J4-1	EAST 54	24"X36"	6.00				1		1	1	
1-10 F	R12-58-F	WEIGHT LIMIT	36" x 54"		13.50					1		
1-11	D2-1	DEXTERVILLE 12 MILES	84"X15"	8.75			2			1	1	
2-01	R1-1	STOP	30"X30"	5.18				1		1	1	
5-01	R1-1	STOP	30"X30"	5.18				1		1	1	
6-01	R1-1	STOP	30"X30"	5.18				1		1	1	
10-01	R1-1	STOP	30"X30"	5.18				1		1	1	
12-01	W14-3	NO PASSING ZONE	48"X36"	J. 10 		6.00		1		1	1	
12-01	W1-2L	RIGHT CURVE	30"X30"			6.25		1		1	1	
12-02	W13-1	50 MPH	18"X18"			2.25		J		1	<u> </u>	SAME POST AS SIGN 12-0
										1		SAIVIE POST AS SIGN 12-0
	W54-57	TRUCK ENTRANCE	30"X30"			6.25		1		1	1	
13-02	W1-6	LEFT NIGHT ARROW	48"X24"			8.00	2			11	1	
	W54-57	TRUCK ENTRANCE	30"X30"			6.25		1		1	1	
	W1-2R	RIGHT CURVE	30"X30"			6.25		1		1	1	0.115 0.05 4.0 0.01 4.4
14-03	W13-1	50 MPH	18"X18"			2.25				1		SAME POST AS SIGN 14-0
14-04	R1-1	STOP	30"X30"	5.18				1		1	1	
14-05	W1-6	RIGHT NIGHT ARROW	48"X24"			8.00	2			1	1	
_14-06	W14-3	NO PASSING ZONE	48"X36"			6.00		11		11	1	
15-01	W14-3	NO PASSING ZONE	48"X36"			6.00		1		1	1	
16-01	W1-6	RIGHT NIGHT ARROW	48"X24"			8.00	2			1	1	
16-02	W1-3R	REVERSE CURVE	36" X 36"			7.07		1		1	1	
17-01	W1-6	LEFT NIGHT ARROW	48"X24"			8.00	2			1	1	
17-02	W1-2L	LEFT CURVE	30"X30"			6.25		1		1	1	
17-02	W13-1	50 MPH	18"X18"			2.25				1		SAME POST AS SIGN 17-0
18-01	W1-6	LEFT NIGHT ARROW	48"X24"			8.00	2			1	1	
18-02	W10-1	RAIL ROAD CROSSING	36"X36"			7.07		1		1	1	
19-01	W1-3R	RIGHT CURVE	36"X36"			9.00		1		1	1	
19-02	W13-1	50 MPH	24"X24"			4.00				1		SAME POST AS SIGN 19-0
19-03	W10-1	RAIL ROAD CROSSING	36"X36"			7.07		1		1	1	
19-04	W14-3	NO PASSING ZONE	48"X36"			6.00		1		1	1	
	W1-2R	RIGHT CURVE	30"X30"			6.25		1		1	1	
	W13-1	40 MPH	18"X18"			2.25				1		SAME POST AS SIGN 20-0
	W1-2R	RIGHT CURVE	30"X30"			6.25		1		1	1	3 223 3.320
20-02	W13-1	40 MPH	18"X18"			2.25				<u>·</u> 1		SAME POST AS SIGN 20-0
20-03	J1-1	JCT CTY E	24"X39"	6.50				1		1	1	5, 2
21-01	W1-6	RIGHT NIGHT ARROW CONTINUED ON NEXT PAGE	48"X24"			8.00	2			1	1	
		CONTINUED ON NEAL PAGE										

SIGN LISTING

627	221	_

				637.2210 REFLECTIVE TYPE II	REFLECTIVE FOLDING TYPE II	637.2230 REFLECTIVE TYPE II	WOO 634.0612	D POSTS 4 634.0614		638.2602 REMOVING SIGNS	638.3000 REMOVING SIGN	
SIGN	SIGN		SIZE	Н	Н	F	12-FT	14-FT	16-FT	TYPE II	SUPPORTS	
NO.	CODE	MESSAGE	INCHES	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	REMARKS
		CONTINUED FROM PREVIOUS PAGE										
21-02	J4-1	WEST 54	24"X36"	6.00				1		1	1	
21-03	J13-1	54 LEFT, RIGHT ARROW	24"X45"	7.50				1		1	1	
21-04	R1-1	STOP	30"X30"	5.18				11		1	1	
21-05	J3-1	CTY E RIGHT ARROW	24"X45"	7.50				1		1	1	
21-06	W1-6	LEFT NIGHT ARROW	48"X24"			8.00	2			1	1	
21-07	S3-1	SCHOOL BUS STOP AHEAD	36"X36"			9.00		11		1	1	
21-08	J3-1	CTY E LEFT ARROW	24"X45"	7.50				1		1	1	
21-09	J4-1	EAST 54	24"X36"	6.00				1		1	1	
22-01	J1-1	JCT CTY E	24"X39"	6.50				11		1	1	
22-02	W1-2L	LEFT CURVE	30"X30"			6.25		1		1	1	
22-02	W13-1	40 MPH	18"X18"			2.25				1		SAME POST AS SIGN 22-0
22-03	S3-1	SCHOOL BUS STOP AHEAD	36"X36"			9.00		1		1	1	
22-04	W1-2L	LEFT CURVE	30"X30"			6.25		1		1	1	
22-04	W13-1	40 MPH	18"X18"			2.25				1		SAME POST AS SIGN 12-0
22-05	W14-3	NO PASSING ZONE	48"X36"			6.00		1		1	1	
25-01	W14-3	NO PASSING ZONE	48"X36"			6.00		1		1	1	
27-01	W14-3	NO PASSING ZONE	48"X36"			6.00		1		1	1	
29-01	R1-1	STOP	30"X30"			5.18		1		1	1	
30-01	W14-3	NO PASSING ZONE	48"X36"			6.00		1		1	1	
31-01	W14-3	NO PASSING ZONE	48"X36"			6.00		1		1	1	
32-01		ROUGH ROAD								1	1	REMOVE ONLY
32-02		NEXT 9 MILES								1		REMOVE ONLY
32-03	J4-1	WEST 54	24"X36"	6.00				1		1	1	
32-04	J13-1	54 LEFT, RIGHT ARROW	24"X45"	7.50				1		1	1	
32-05	R1-1	STOP	30"X30"	5.18				1		1	1	
32-06	J2-1	CTY X RIGHT ARROW	24"X45"	7.50				1		1	1	
32-07	J1-1	JCT CTY X	24"X39"	6.50				1		1	1	
32-08	J3-1	CTY X AHEAD LEFT ARROW	24"X45"	7.50				1		1	1	
32-09	R1-1	STOP	30"X30"	5.18				1		1	1	
33-01	J3-1	CTY X ADVANCED RIGHT ARROW	24"X45"	7.50				1		1	1	
33-02	J4-1	EAST 54	24"X36"	6.00				1		1	1	
35-01	W14-3	NO PASSING ZONE	48"X36"			6.00		1		1	1	
35-02	D7-68	ROAD TO DEXTER CTY PARK 1 MILE	60"X42"	17.50				2		1	1	
35-02	DB5-69G	CAMPING	48"X9"	3.00						1		SAME POST AS SIGN 35-0
36-01	W14-3	NO PASSING ZONE	48"X36"			6.00		1		1	1	
37-01	J4-1	WEST 54	24"X36"	6.00				11		11	1	
37-02	R1-1	STOP	30"X30"	5.18				1		1	1	
37-03	J3-1	CTY X AHEAD LEFT ARROW	24"X45"	7.50				1		1	1	
37-04	J2-1	CTY X ADVANCE RIGHT ARROW	24"X45"	7.50				<u>1</u>		1	1	
37-05	J3-1	CTY X RIGHT ARROW	24"X45"	7.50				1		1	1	
37-06	R1-1	STOP	30"X30"	5.18				1		1	1	
		CONTINUED ON NEXT PAGE										

PROJECT NO: 7513-00-81

HWY: STH 54

COUNTY: WOOD

MISCELLANEOUS QUANTITIES

SHEET:H

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SIGN LISTING

SIGN NO.	SIGN CODE	MESSAGE	SIZE INCHES	637.2210 REFLECTIVE TYPE II H SF	637.2215 REFLECTIVE FOLDING TYPE II H SF	637.2230 REFLECTIVE TYPE II F SF	WOO 634.0612 12-FT EACH	D POSTS 634.0614 14-FT EACH	4" X 6" 634.0616 16-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SIGN SUPPORTS EACH	REMARKS
		CONTINUED FROM PREVIOUS PAGE										
37-07	R1-1	STOP	30"X30"	5.18				1		1	1	
38-01	J1-1	JCT CTY X	24"X39"	6.50				1		1	1	
38-02	R1-1	STOP	30"X30"	5.18				1		1	1	
38-03	J4-1	EAST 54	24"X36"	6.00				1		1	1	
38-04	D7-68L	DEXTER CTY PARK LEFT ARROW	60"X36"	15.00				2		1	1	
39-01	D7-68R	DEXTER CTY PARK RIGHT ARROW	60"X36"	15.00				2		1	1	
39-02	W14-3	NO PASSING ZONE	48"X36"			6.00		1		1	1	
39-03	R7-1L	NO PARKING ANY TIME LT. ARROW	18"X24"	3.00				1		1	1	
40-01	W5-52L	TIGER BOARD	12"X36"			3.00		1		1	1	
40-02	R7-1R	NO PARKING ANY TIME RT. ARROW	18"X24"	3.00				1		1	1	
40-03	W5-52R	TIGER BOARD	12"X36"			3.00		1		1	1	
40-04	R7-1L	NO PARKING ANY TIME LT. ARROW	18"X24"	3.00				1		1	1	
40-05	D2-2	CITY POINT 13 BLK RIVER FALLS 40	120"X24"	20.00				2		1	2	
40-06	D7-68	ROAD TO DEXTER CO PARK 1/2 MILE	60"X42"	17.50				2		1	1	
40-06	DB5-69G	CAMPING	48"X9"	3.00						1		SAME POST AS SIGN 40-06
40-07	J4-1	WEST 54	24"X36"	6.00						1		ON 2"X 2"STEEL POST TELSPAR
40-07	R12-58-F	WEIGHT LIMIT	36"x54"		13.50			1		1	1	
40-08	J1-1	JCT 80	24"X39"	6.50				1		1	1	
40-09	I3-1	YELLOW RIVER	30"X9"	1.88			1			1	1	
40-09	R7-1D	NO PARKING ANY TIME LT RT ARROW	18"X24"	3.00			1			1	1	
40-09	R9-55	NO FISHING FROM BRIDGE	18"X24"	3.00			1			1	1	
40-10	W5-52R	TIGER BOARD	12"X36"			3.00	1			1	1	
40-11	W5-52L	TIGER BOARD	12"X36"			3.00	<u>·</u> 1			<u>.</u> 1	<u>.</u> 1	_
40-12	13-1	YELLOW RIVER	30"X9"	1.88			1			1	1	
40-12	R7-1D	NO PARKING ANY TIME LT RT ARROW	18"X24"	3.00			1			1	1	
40-12	R9-55	NO FISHING FROM BRIDGE	18"X24"	3.00			1			1	1	
40-13	W3-1	STOP AHEAD	36"X36"			9.00		1		1	1	
40-14	J2-1	EAST 54 ADVANCE RT ARROW	24"X57"	9.50					1	1	1	
40-15	R7-1R	NO PARKING ANY TIME RT ARROW	18"X24"	3.00			1			1	1	
40-16	12-3	DEXTERVILLE UNIC.	66"X24"	11.00			2			1	1	
40-17	D1-4	PITTSVILLE LEFT ARROW	108"X48"	36.00				2		1	2	
.0 17		ABCOCK,PORT EDWARDS,WIS RAPIDS RT ARROV								1		
41-01	J3-2	E 54 AHEAD ARROW, W 54 RIGHT ARROW	48"X57"	19.00					1	1	1	
41-02	J3-3	NO. 80 LEFT E 54 RT SO 80 RT ARROW	72"X57"	28.50					2	1	2	
41-03	R1-1	STOP	36"X36"	7.46				1		<u>·</u> 1	<u></u>	
41-04	R1-1	STOP	36"X36"	7.46				1		1	1	
41-05		KEEP RIGHT								1	1	REMOVE ONLY
41-06	J3-2	W 54 LT ARROW, N 80 AHEAD ARROW	48"X57"	19.00					2	1	<u>·</u> 1	
			TOTALS	1808.77	27.00	1561.84	31	90	6	124	113	-

PROJECT NO: 7513-00-81

HWY: STH 54

COUNTY: WOOD

MISCELLANEOUS QUANTITIES

SHEET:I

TRAFFIC CONTROL

LOCATION	DAYS	643.0100 TRAFFIC CONTROL EACH	ROAD WORK AHEAD W20-1 EACH	ROAD WORK 1500 FT W20-1 EACH	ROAD WORK 1000 FT W20-1 EACH	ROAD WORK 500 FT W20-1 EACH	ROAD WORK NEXT 12 MILE G20-2A EACH	END ROAD WORK G20-2A EACH	643.0900 TRAFFIC CONTROL SIGNS DAYS	643.0300 DRUMS DAYS	REMARKS
MAINLINE STH 54	45	_	1	1	1	1	1	1	270	_	
CRANBERRY RD.	45	_	1	-	-	<u>-</u>	-	<u>.</u>	45	_	
CTH ZZ	45	_	1	-	-	_	_	-	45	-	
PALENICO RD.	45	-	1	-	-	-	-	-	45	-	
RIVER RD.	45	-	1	-	-	-	-	-	45	-	
BERRY RD.	45	-	1	-	-	-	-	-	45	-	
WEISNER RD.	45	-	1	-	-	-	-	-	45	-	
KURT CREEK RD.	45	-	1	-	-	-	-	-	45	-	
CTH E	45	-	1	-	-	-	-	-	45	-	
DAIRY RD.	45	-	1	-	-	-	-	-	45	-	
GOOSE LN.	45	-	1	-	-	-	-	-	45	-	
CTH X NORTH	45	-	1	-	-	-	-	-	45	-	
CTH X SOUTH	45	=	1	-	-	-	-	-	45	=	
PARK RD.	45	-	1	-	-	-	-	-	45	-	
MAINLINE STH 54	45	=	-	-	-	-	1	-	45	=	
STH 80	45	-	2	2	2	2	-	2	450	-	
UNDISTRIBUTED	-	-	-	-	-	-	-	-	-	100	CULVERT & BEAMGUARD AREAS
PROJECT	-	1	-	-	-	-	-	-	-	-	
TOTALS		1	16	3	3	3	2	3	1350	100	

PROJECT NO: 7513-00-81 HWY: STH 54 COUNTY: WOOD MISCELLANEOUS QUANTITIES SHEET:J **E**

PAVEMENT MARKING EPOXY

STATION - STATION	LOCATION	SPV.0090.01 PAVEMENT WET GROOVED EPOXY 4-INCH LF	SPV.0090.02 PAVEMENT WET GROOVED EPOXY 8-INCH LF	646.0406 SAME DAY EPOXY 4-INCH LF	649.0100 TEMPORARY PAVEMENT MARKING 4-INCH LF	646.0106 EPOXY 4-INCH LF	COMMENTS
70+00 - 155+00	Right	8500	-	-	-	-	WHITE EDGELINE
70+00 - 89+25	Left	1925	-	-	-	-	WHITE EDGELINE
89+75 - 142+00	Left	5225	-	-	-	-	WHITE EDGELINE
142+50 - 392+50	Left	25000	-	-	-	-	WHITE EDGELINE
70+00 -254+80	CL	-	-	4620	1478	1478	YELLOW CENTERLINE
254+80 - 266+41	CL	-	-	1452	1255	1255	YELLOW CENTERLINE
155+50 - 221+00	Right	6550	-	-	-	-	WHITE EDGELINE
221+50 - 273+80	Right	5230	-	-	-	-	WHITE EDGELINE
274+30 - 570+75	Right	29645	-	-	_	-	WHITE EDGELINE
266+41 - 276+97	CL	-	-	2112	2112	2112	YELLOW CENTERLINE
276+37 - 287+99	CL	-	-	1452	1255	1255	YELLOW CENTERLINE
287+99 - 303+30	CL	-	-	383	122	122	YELLOW CENTERLINE
303+30 - 314+92	CL	-	-	1452	1255	1255	YELLOW CENTERLINE
393+00 - 517+60	Left	12460	-	-	-	-	WHITE EDGELINE
314+92 - 355+58	CL	-	-	8132	8132	8132	YELLOW CENTERLINE
355+58 - 360+86	CL	-	-	660	570	570	YELLOW CENTERLINE
360+86 - 372+48	CL	-	-	290	93	93	YELLOW CENTERLINE
372+48 - 383+57	CL	-	-	1386	1198	1198	YELLOW CENTERLINE
383+57 - 396+77	CL	-	-	2640	2640	2640	YELLOW CENTERLINE
396+77 - 407+86	CL	-	-	1386	1198	1198	YELLOW CENTERLINE
407+86 - 460+66	CL	-	-	1320	422	422	YELLOW CENTERLINE
460+66 - 470+16	CL	-	-	1188	1026	1026	YELLOW CENTERLINE
470+16 - 472+27	CL	_	-	53	17	17	YELLOW CENTERLINE
472+27 - 480+72	CL	-	_	1056	913	913	YELLOW CENTERLINE
480+72 - 532+99	CL	-	-	1307	418	418	YELLOW CENTERLINE
518+10 - 570+75	Left	5265	-	-	-	-	WHITE EDGELINE
571+25 - 650+00	Left	7875	_	_	_	_	WHITE EDGELINE
532+99 - 541+44	CL	-	-	1056	913	913	YELLOW CENTERLINE
541+44 - 544+08	CL	-	-	66	21	21	YELLOW CENTERLINE
544+08 - 552+00	CL	-	-	990	855	855	YELLOW CENTERLINE
552+00 - 611+14	CL	-	-	1478	473	473	YELLOW CENTERLINE
571+25 - 650+00	Right	7875	-	-	-	-	WHITE EDGELINE
611+14 - 633+32	CL	-	-	2772	177	177	YELLOW CENTERLINE
633+32 - 679+78	CL	-	-	1162	372	372	YELLOW CENTERLINE
650+50 - 699+39	Right	4889	-	<u>-</u>	- -	-	WHITE EDGELINE
650+50 - 699+39	Left	4889	-	-	-	-	WHITE EDGELINE
679+78 - 691+40	CL	-	-	1452	1255	1255	YELLOW CENTERLINE
691+40 - 699+39	CL	-	-	1598	1598	1598	YELLOW CENTERLINE
699+39		-	10	-	-	-	STH 80 Right Turn island WHITE
	CLID TOTAL C	405000	40	44.460	20760	20760	
	SUB TOTALS	125328	10	41463	29768	29768	

SHEET:K Е HWY: STH 54 COUNTY: WOOD PROJECT NO: 7513-00-81 MISCELLANEOUS QUANTITIES

GRADING, SHAPING AND EROSION CONTROL

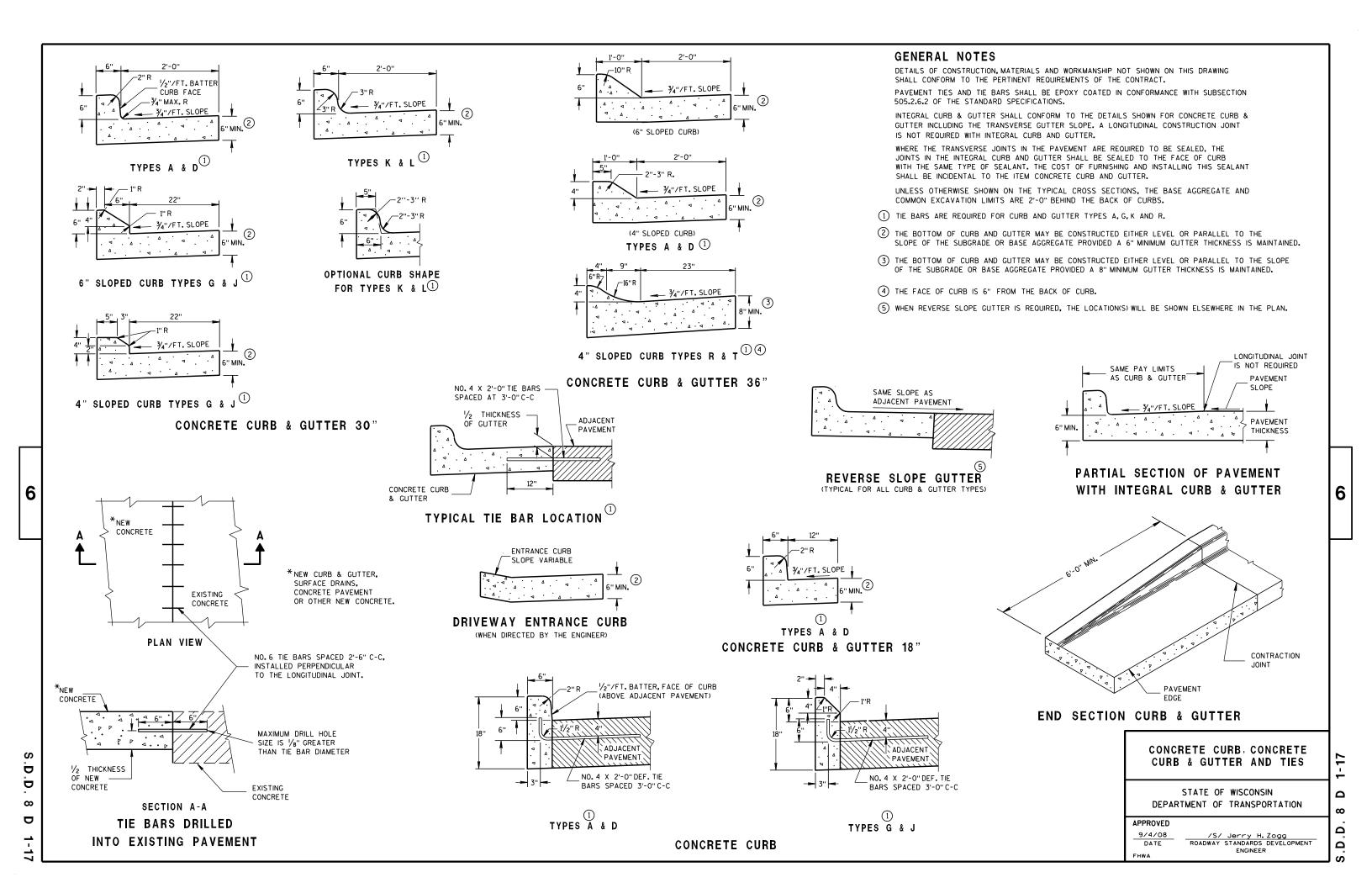
STATION - STATION	LOCATION	*CUT CY	* FILL CY	268.2004 EROSION MAT CLASS I TYPE B SY	* TOPSOIL SY	* TYPE B FERTILIZER CWT	*SEED MIXTURE NO. 30 LBS	614.0010 BARRIER SYSTEM GRADING SHAPING AND FINISHING EACH	REMARKS
671+65 - 672+95	STH 54	0	59	295	295	0.19	5	1	
671+65 - 680+37.5	STH 54	0	1	0	0	0.00	0	0	
680+05 - 693+65.19	STH 54	0	445	4760	4760	3.00	86	1	
692+03.02 - 695+35	STH 54	0	58	708	708	0.45	13	1	
	TOTALS		563	5763	5763	4	104	3	

^{*} INCULUDED IN BARRIER SYSTEM GRADING, SHAPING, FINISHING, QUANTITIES FOR INFORMATION ONLY NOTE: ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PROJECT NO: 7513-00-81 HWY: STH 54 COUNTY: WOOD MISCELLANEOUS QUANTITIES SHEET:L **E**

Standard Detail Drawing List

08D01-17	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08E09-06	SILT FENCE
13A10-01A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01B	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01c	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01D	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A11-02A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-02B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
14B27-01A	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B27-01B	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B27-01C	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B29-01	SAFETY EDGE
14B42-02A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-02B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-02C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-01A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-01B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-01C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-03A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-03B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-03C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-03D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-03E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-03F	MIDWEST GUARDRALL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-03G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-03H	MIDWEST GUARDRALL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-03I	MI DWEST GUARDRALL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-03J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C04-02	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)



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.

- ① 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



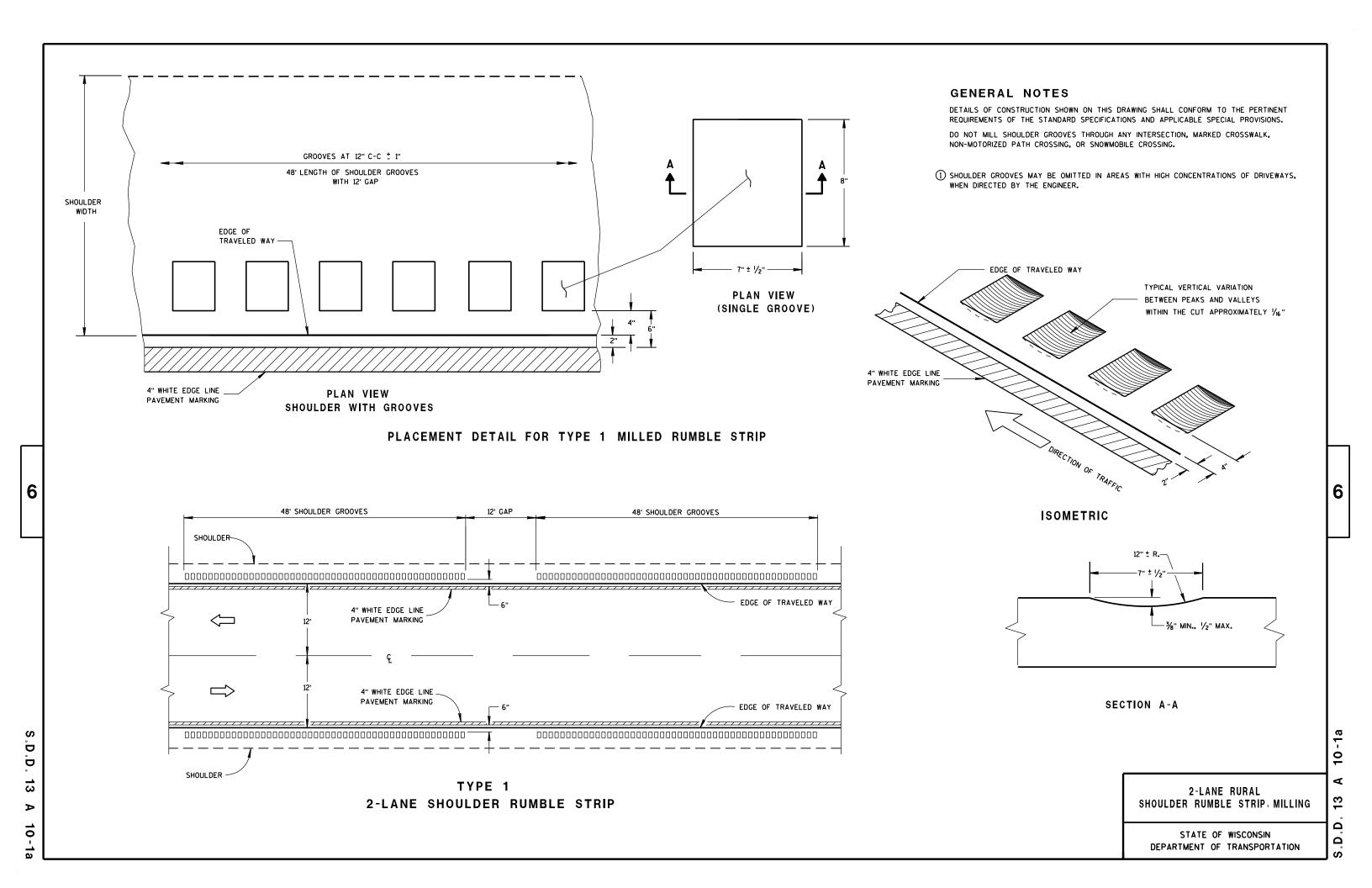
SILT FENCE TIE BACK

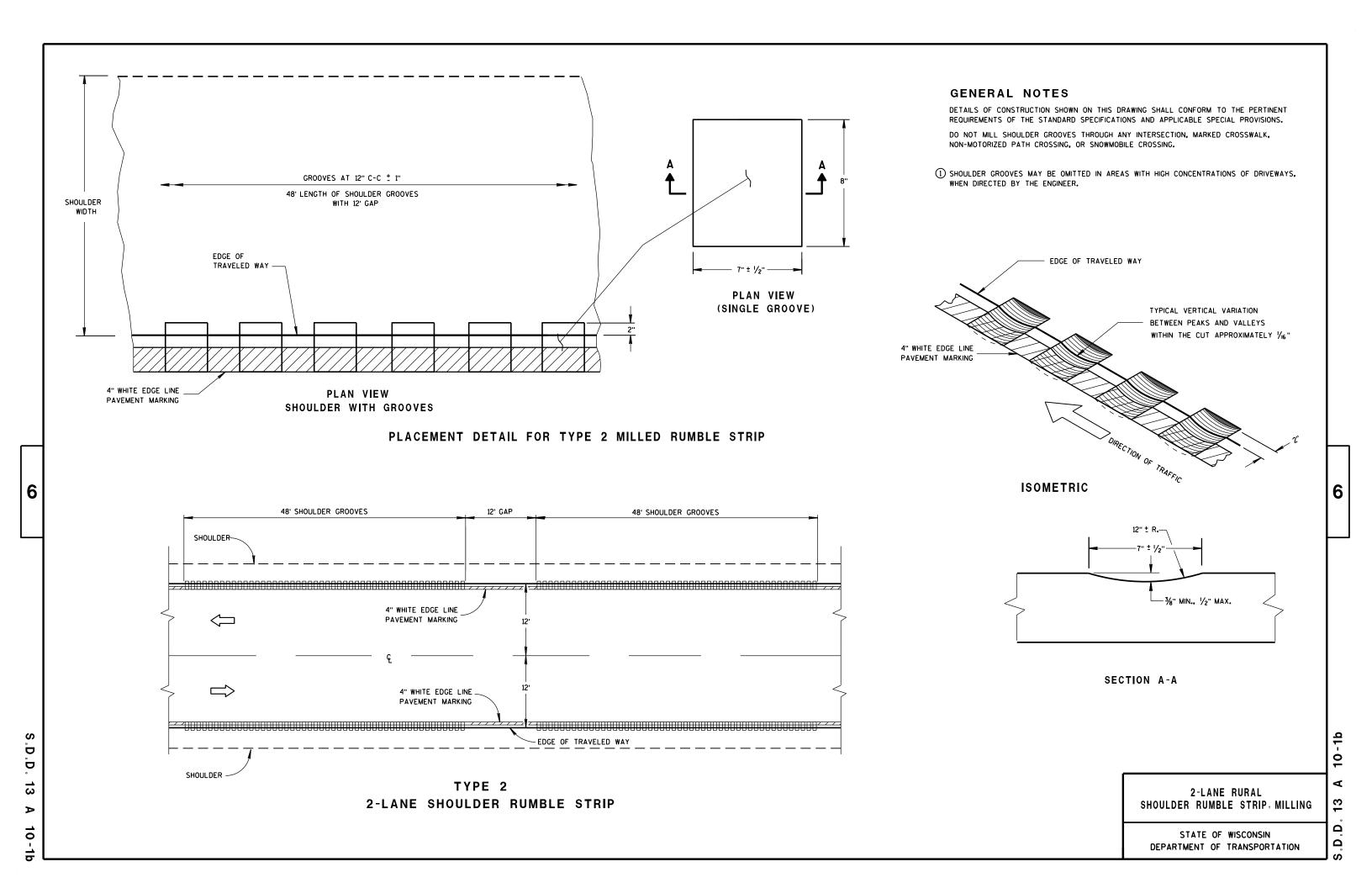
(WHEN REQUIRED BY THE ENGINEER)

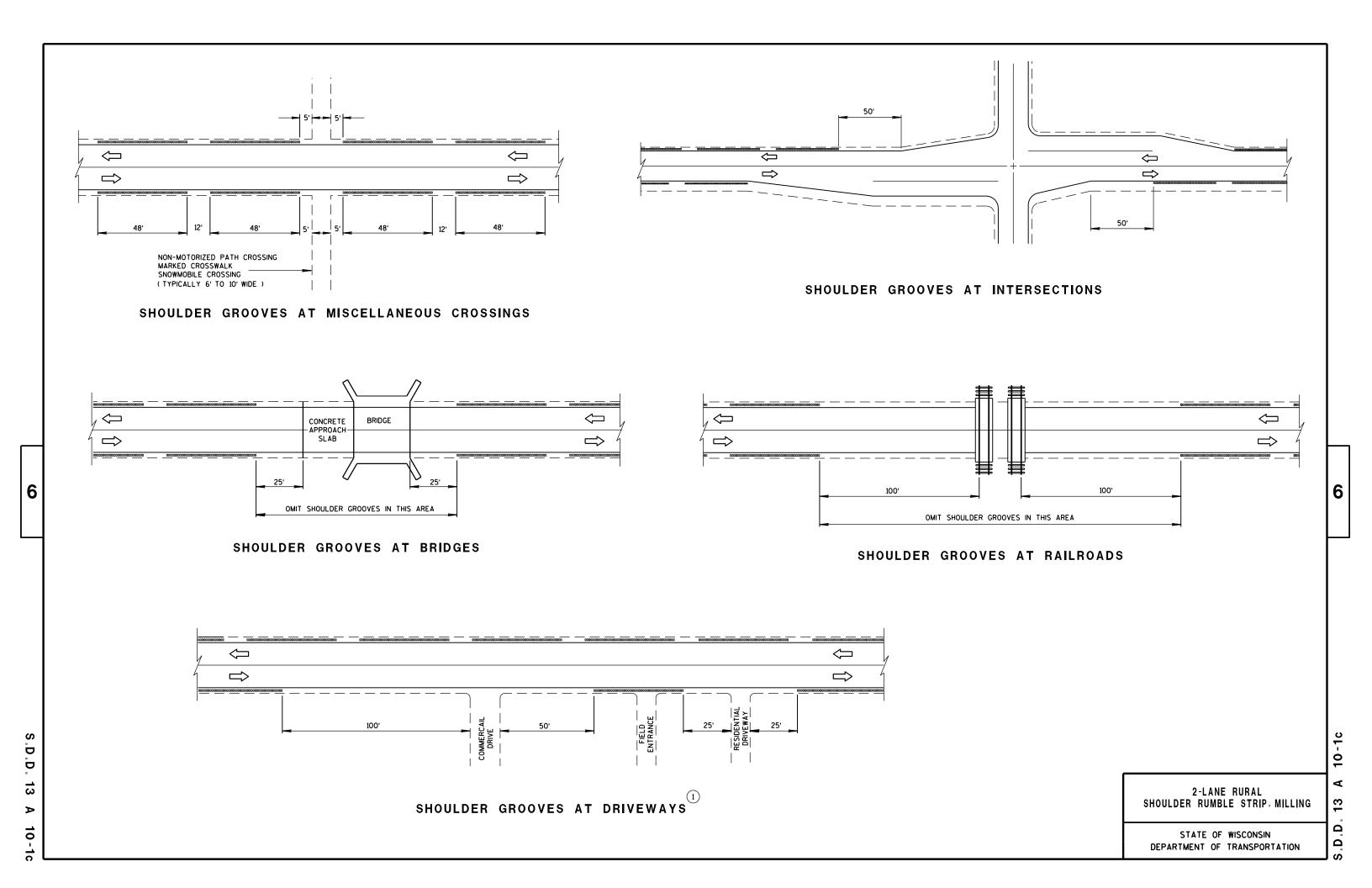


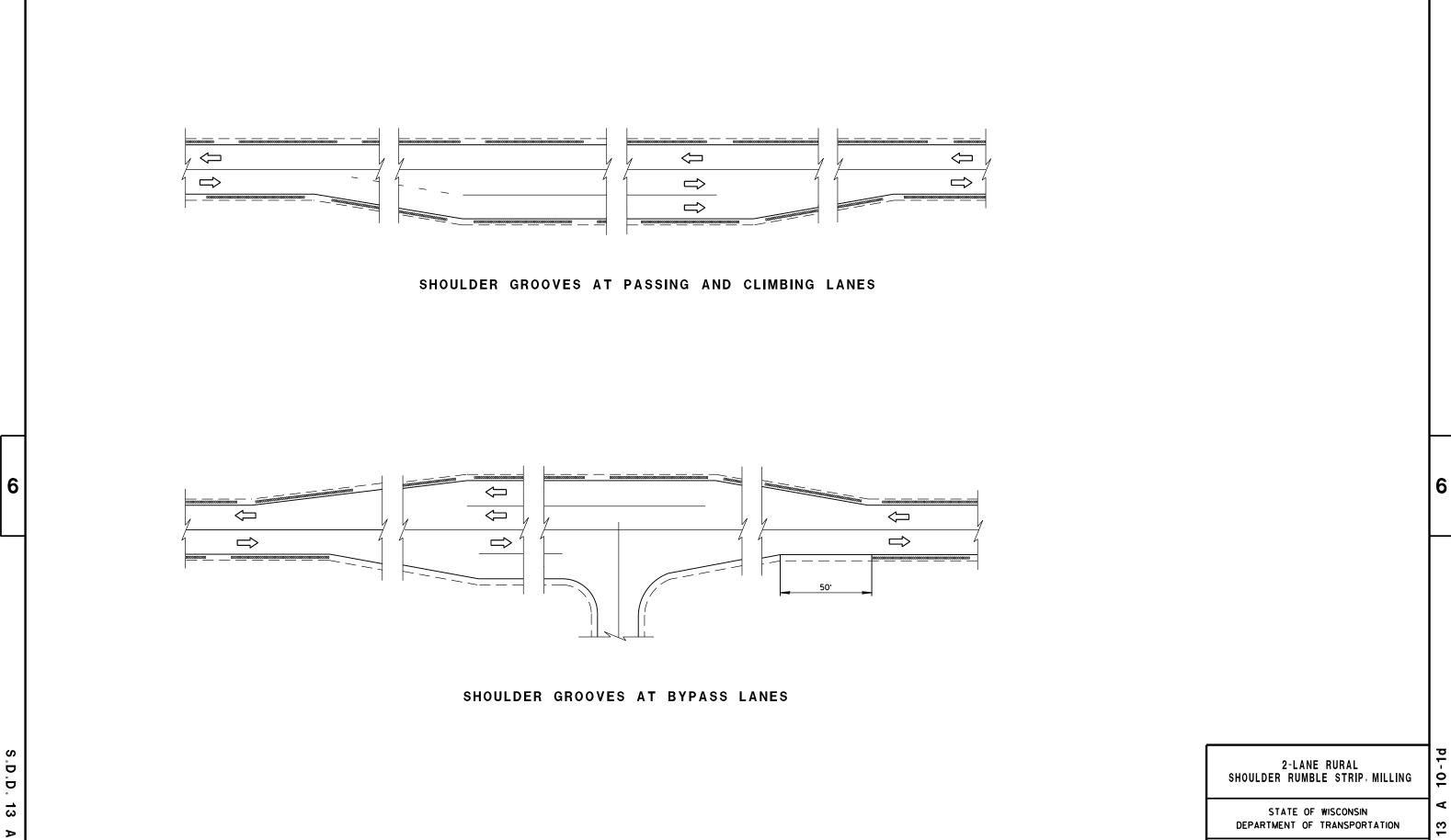
SILT FENCE

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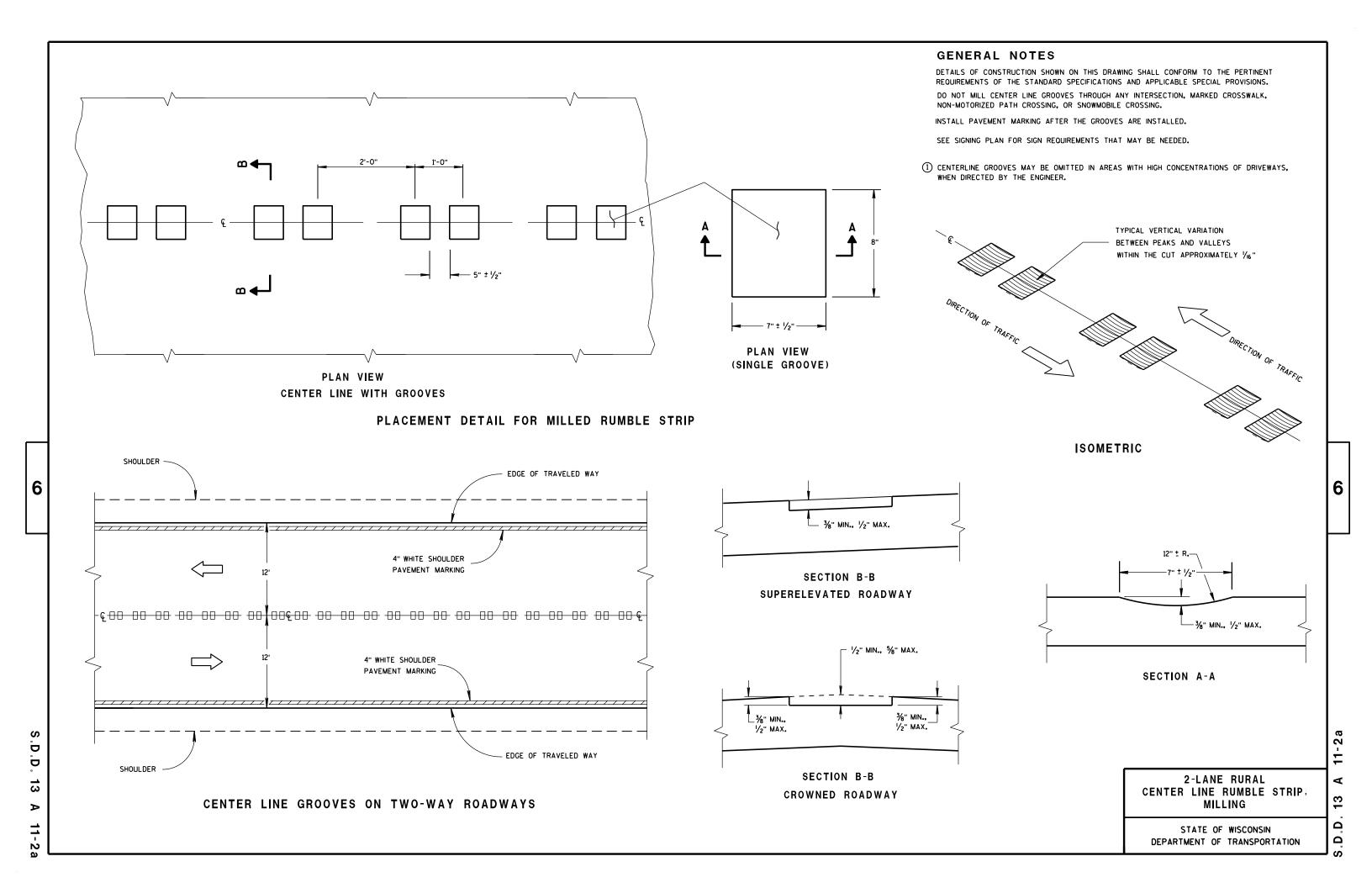


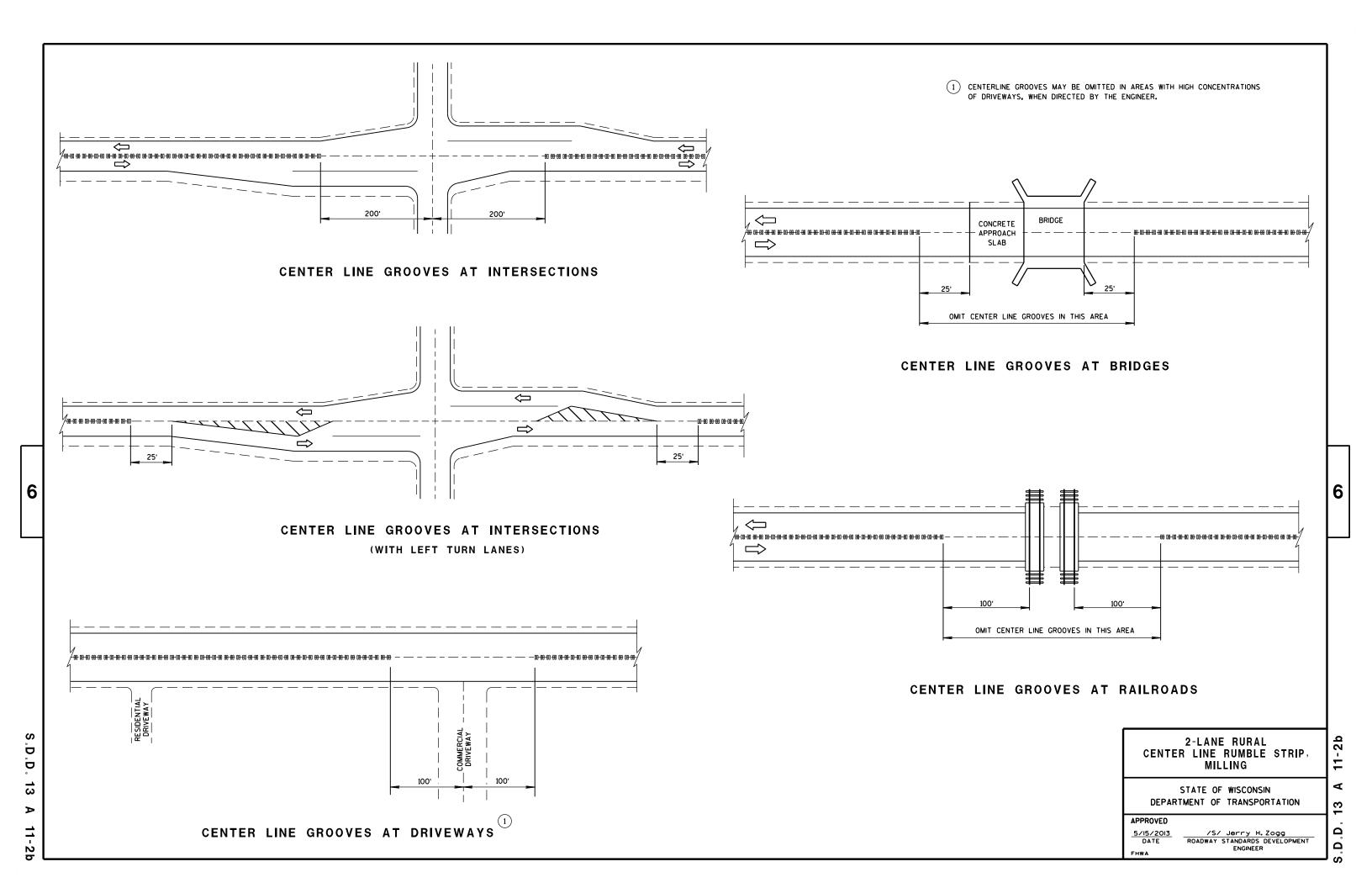


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/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT
ENGINEER 12/17/2012 DATE





STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

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GENERAL NOTES

ALL ANGLES, CHANNELS, AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36 AND THE STRUCTURAL TUBING SHALL CONFORM TO ASTM A 500. WELDING SHALL MEET THE CURRENT REQUIREMENTS OF THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE ANSI/AWS D1.1. ALL STRUCTURAL STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123. PUNCHING, DRILLING, CUTTING, OR WELDING WILL NOT BE PERMITTED AFTER GALVANIZING. FURNISH AND INSTALL HARDWARE PER STANDARD SPECIFICATION 614.2. UNLESS NOTED OTHERWISE.

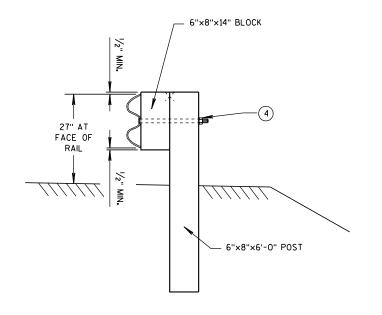
SHOP BEND CURVED RAIL SECTIONS.

SEE STANDARD DETAIL DRAWING 14 B 15 FOR OTHER DETAIL.

- (1) ON THE 8 FOOT RADIUS INSTALLATION, DO NOT INSTALL BUTTON HEAD BOLT AT CENTER CRT POST.
- 2) RADIUS FROM 8' 36'. SEE PLAN.
- 3 HEIGHT TRANSITION MAY BE REQUIRED. SEE PLAN OR PROJECT ENGINEER.
- (4) %" ø X 1'-6" BUTTON HEAD BOLT AND RECESS NUT WITH ROUND WASHER UNDER NUT.

RADIUS	NUMBER OF CRT POSTS	* NUMBER AND LENGTH OF CURVED RAILS	REQUIRED AREA FREE OF FIXED OBJECTS (LENGTH × WIDTH)
8'	5	1 at 12.5'	25' × 15'
16'	7	1 a† 25'	30' × 15'
24'	9	1 at 25' and 1 at 12 . 5'	40' × 20'
32'	11	2 at 25'	50' × 20'

* THE NUMBER OF RAILS IS BASED ON A 90° INTERSECTION. SEE PLAN FOR NON 90° INSTALLATIONS.



SECTION B-B (BEAM GUARD POST)

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

DEPARTMENT OF TRANSPORTATION

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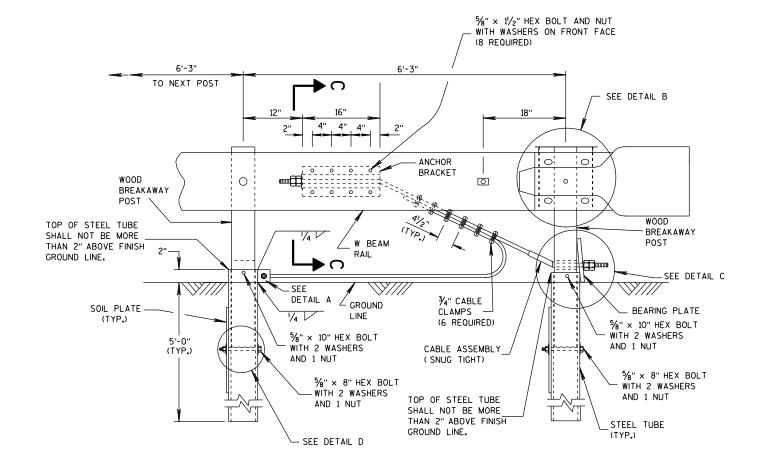
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STATE OF WISCONSIN

¾" DIA. X 9'-O" CABLE WITH ONE SWAGED END

30" DIAMETER 12 GAGE TERMINAL SECTION (ADJUST TO FIT)



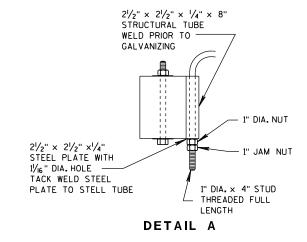
ELEVATION VIEW

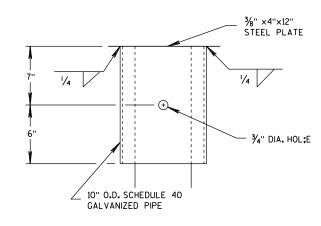
STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

GENERAL NOTES

ATTACH W BEAM RAIL TO THE STEEL PIPE WITH A 5%" X 2" BUTTON HEAD BOLT WITH NO WASHER. CONNECTION TO THE POST IS NOT REQUIRED.

INSTALL GALVANIZED 3/4" (6X19) PREFORMED WIRE OR INDEPENDENT WIRE ROPE CORE CONFORMING TO AASHTO M 30. MANUFACTURE WIRE ROPE OUT OF IMPROVED PLOW STEEL WITH A MINIMUM BREAKING STRENGTH OF 42,800 PSI.





DETAIL B (BEAM GUARD AND TERMINAL SECTION NOT SHOWN)

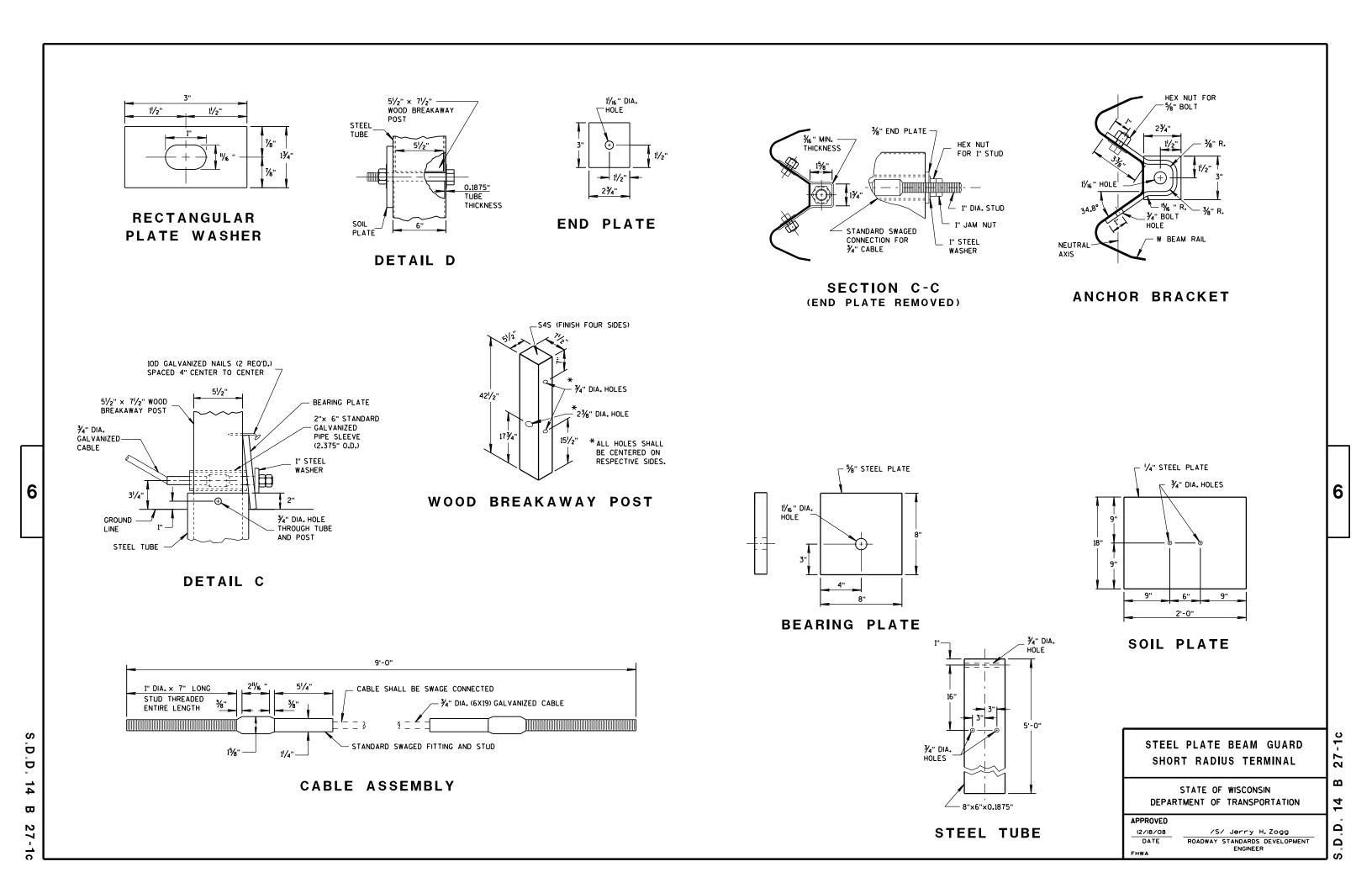
STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

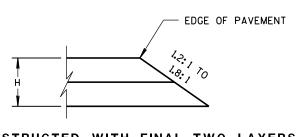
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

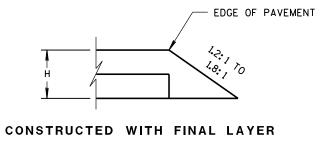
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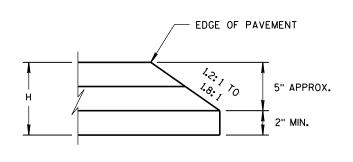


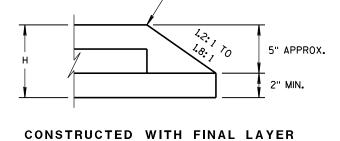


FOR H 5" OR LESS

CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS





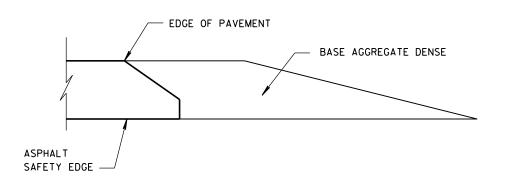
FOR H GREATER THAN 5"

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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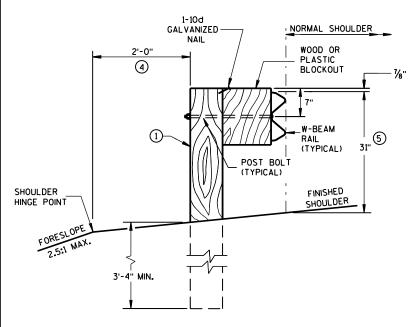
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APPROVED

DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER

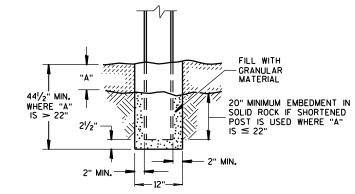
GENERAL NOTES

- (1) WOOD OR STEEL POSTS (W6X9 OR W6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.
- ② USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.
- (3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 21/2INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.
- (4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).
- (5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ± 1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27¾" TO 32".

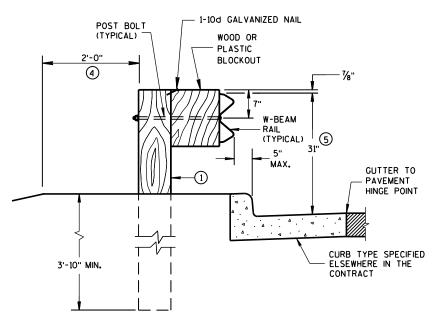


END VIEW

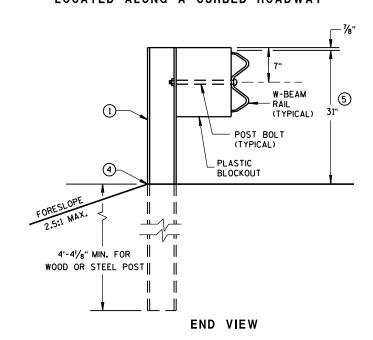
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



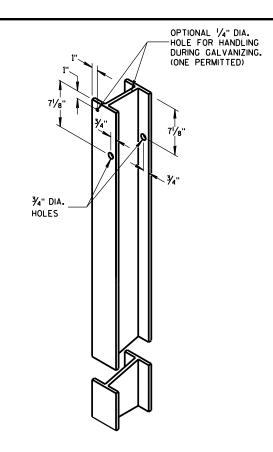
SETTING STEEL OR WOOD POST IN ROCK $^{\scriptsize{\textcircled{3}}}$



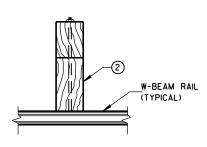
END VIEW
LOCATED ALONG A CURBED ROADWAY



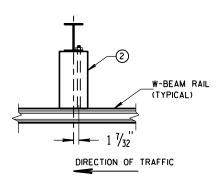
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



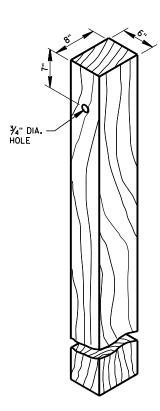
STEEL POST & HOLE PUNCHING DETAIL (w6X9)



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM



WOOD POST (6" X 8") NOMINAL



WOOD OR PLASTIC BLOCKOUT

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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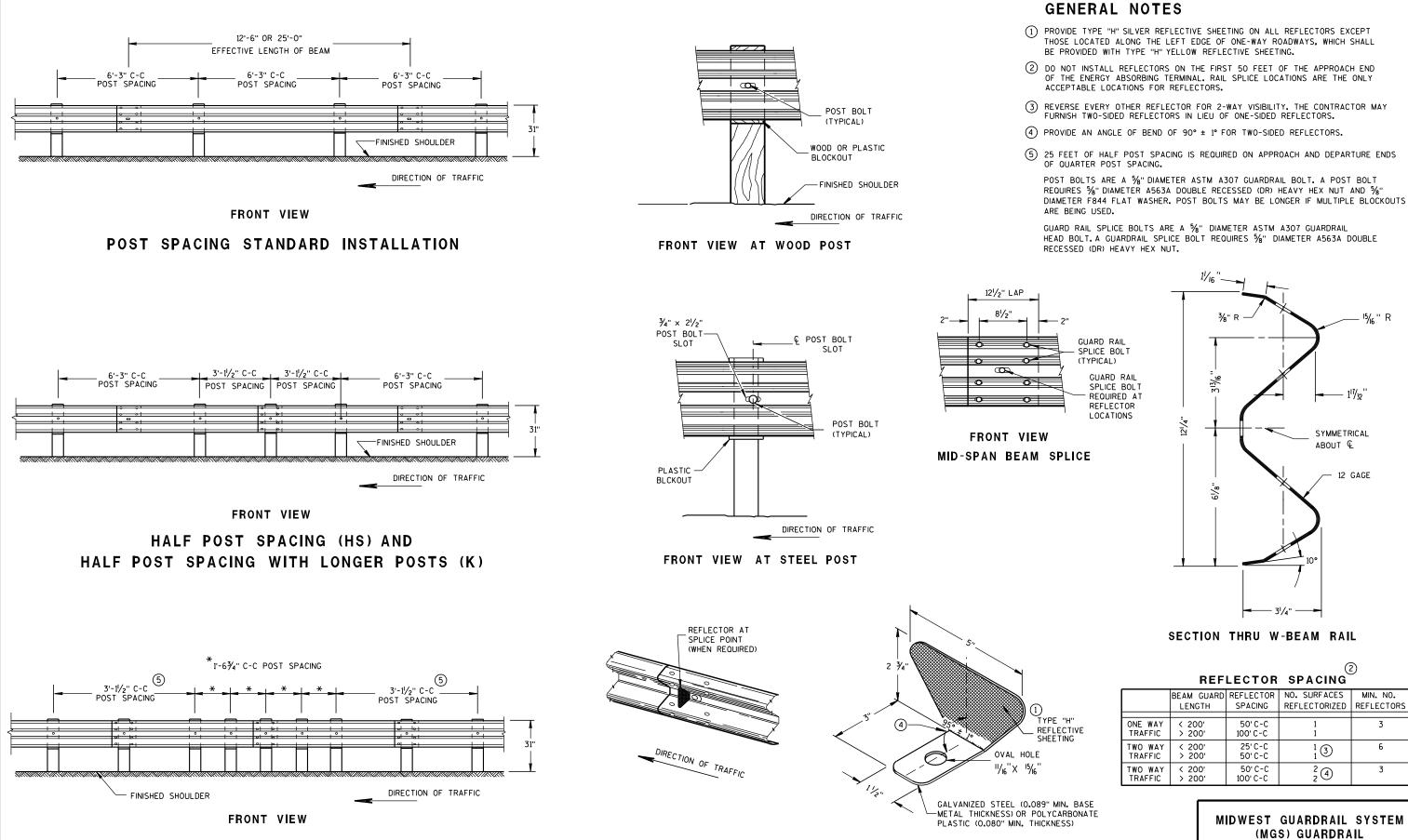
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ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

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QUARTER POST SPACING (QS)

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SYMMETRICAL

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ABOUT €

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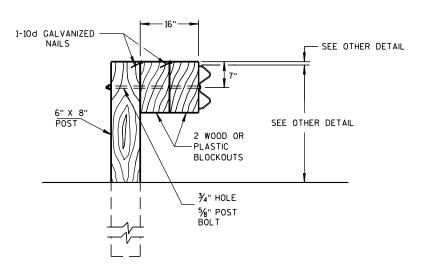
BEAM GUARD REFLECTOR NO. SURFACES MIN. NO.

SPACING | REFLECTORIZED | REFLECTORS 3 6 1 3 2 4 3

> MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

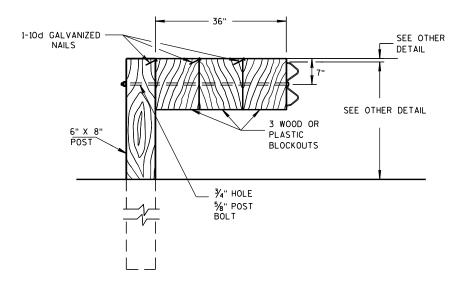
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION Ω Δ

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DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.



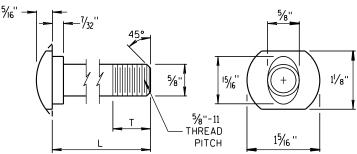
DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

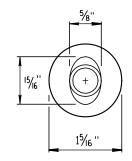
NOTE: 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/16".

2. IF THE BOLT EXTENDS MORE THAN 1/4" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

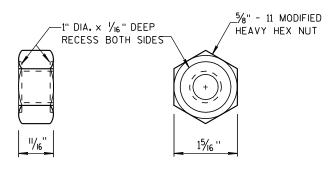


POST BOLT TABLE

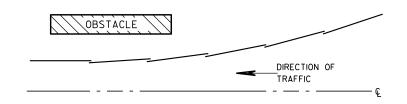
L	T (MIN.)
11/4"	1 1/8"
2"	13/4"
10"	4"
14"	4½ ₆ "
18"	4"
21"	4½ "
25"	4"



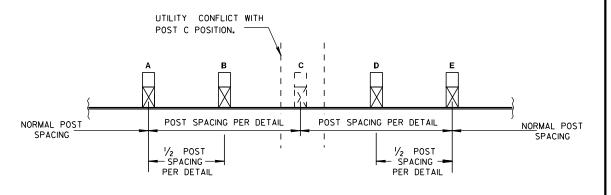
ALTERNATE BOLT HEAD



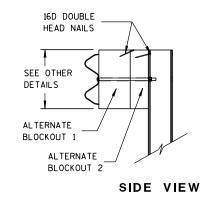
POST BOLT AND RECESS NUT

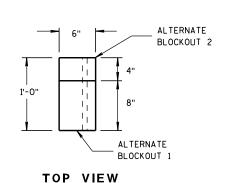


PLAN VIEW BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION





ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

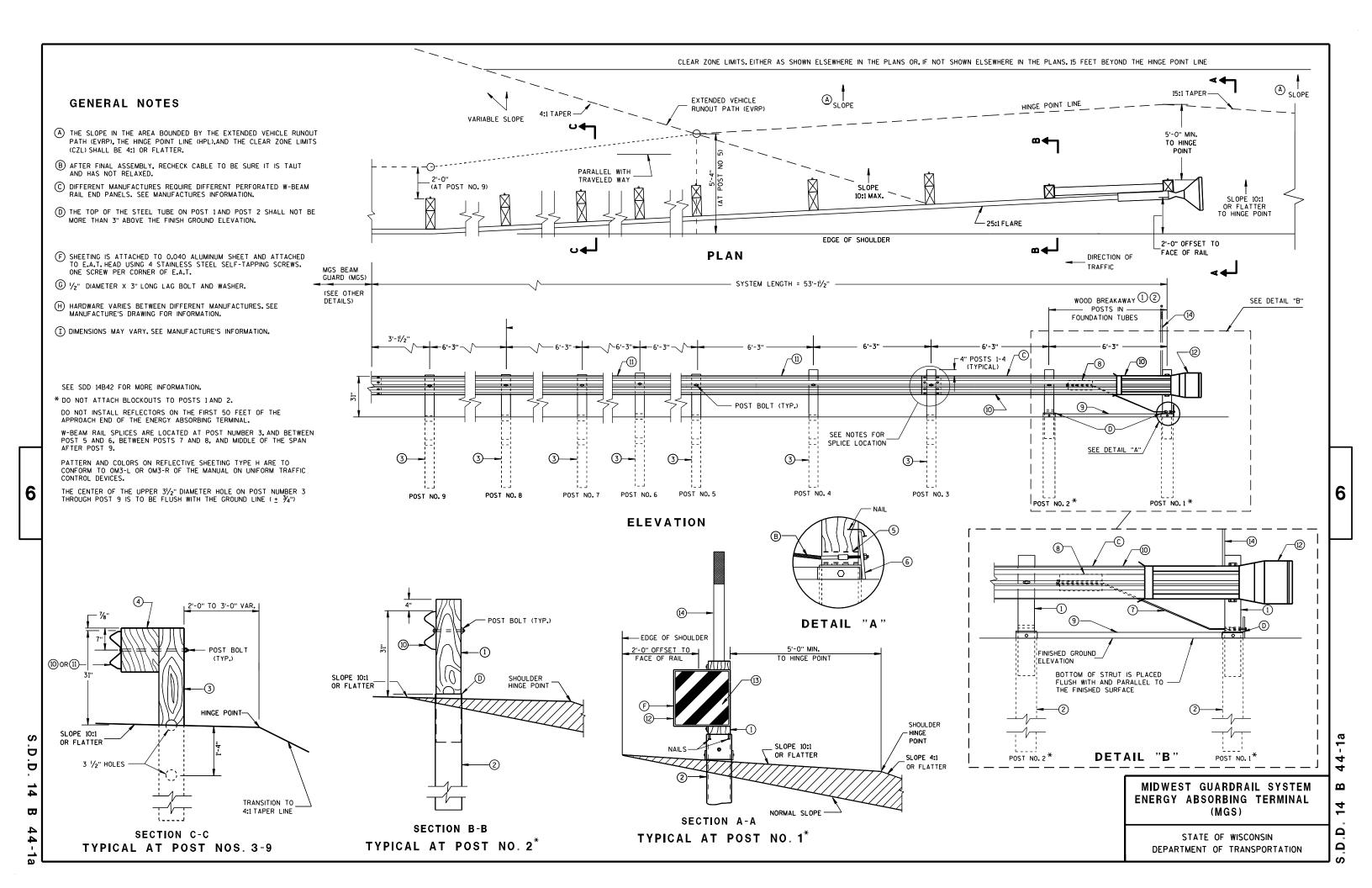
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

II/15/20II /S/ Jerry H. Zogg

DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER

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GENERIC ANCHOR CABLE BOX

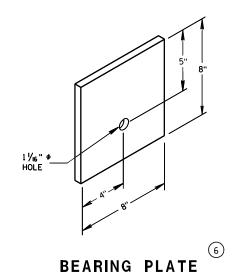
GENERIC GROUND STRUT

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PLAN VIEW

BILL OF MATERIALS

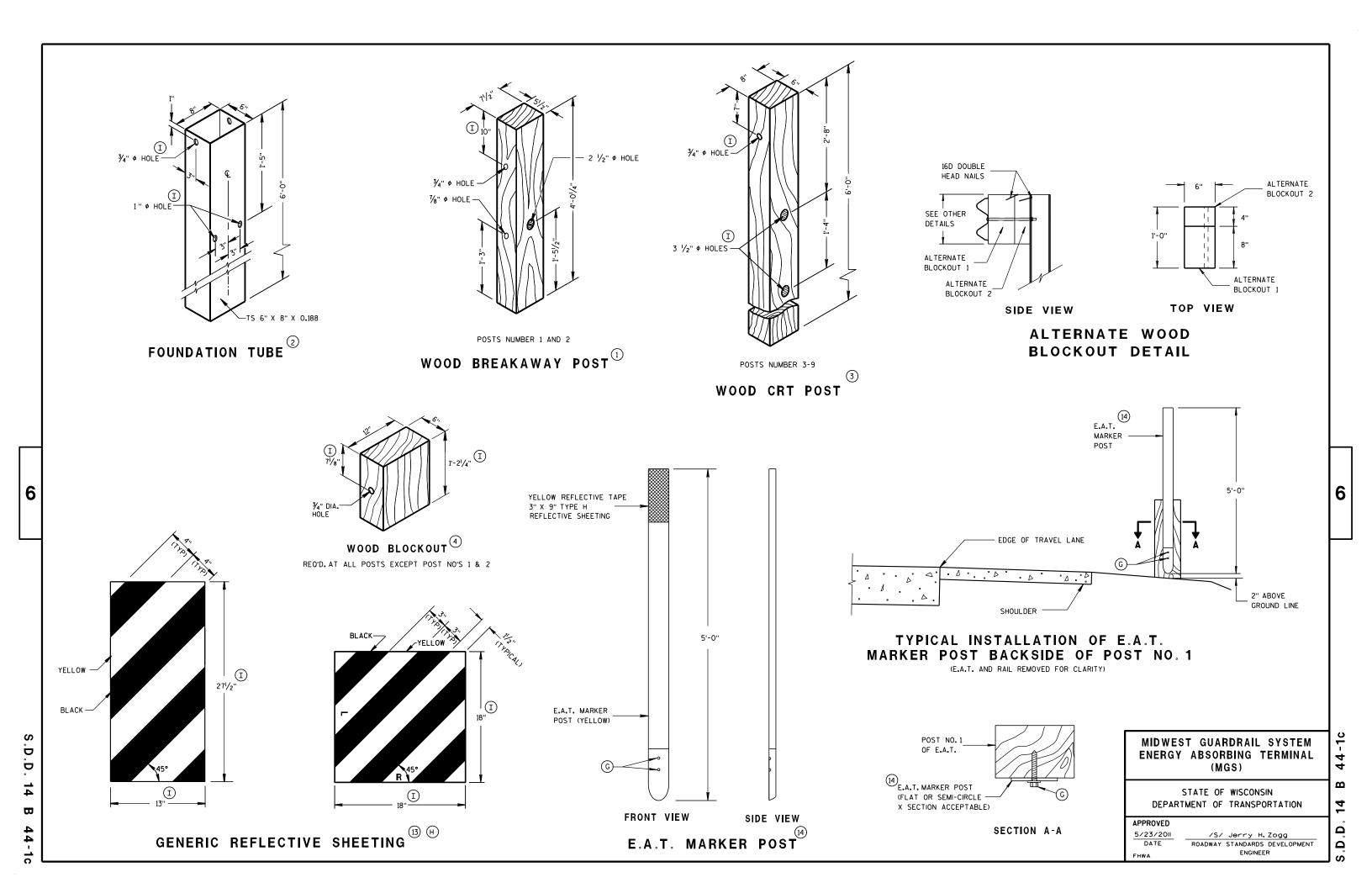
PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.
1	WOOD BREAKAWAY POST
@	6" X 8" X 0.188", 6'-0" LONG FOUNDATION TUBE AT POSTS 1AND 2
3	WOOD CRT
4	WOOD BLOCKOUT
(5)	PIPE SLEEVE
6	BEARING PLATE
7	BCT CABLE ASSEMBLY
8	ANCHOR CABLE BOX
9	GROUND STRUT
10	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
(1)	STANDARD W-BEAM RAIL.MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
(2)	END SECTION EAT
13)	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE H (ONLY THE SHEETING IS SUPPLIED BY THE MANUFACTURER)
14)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)

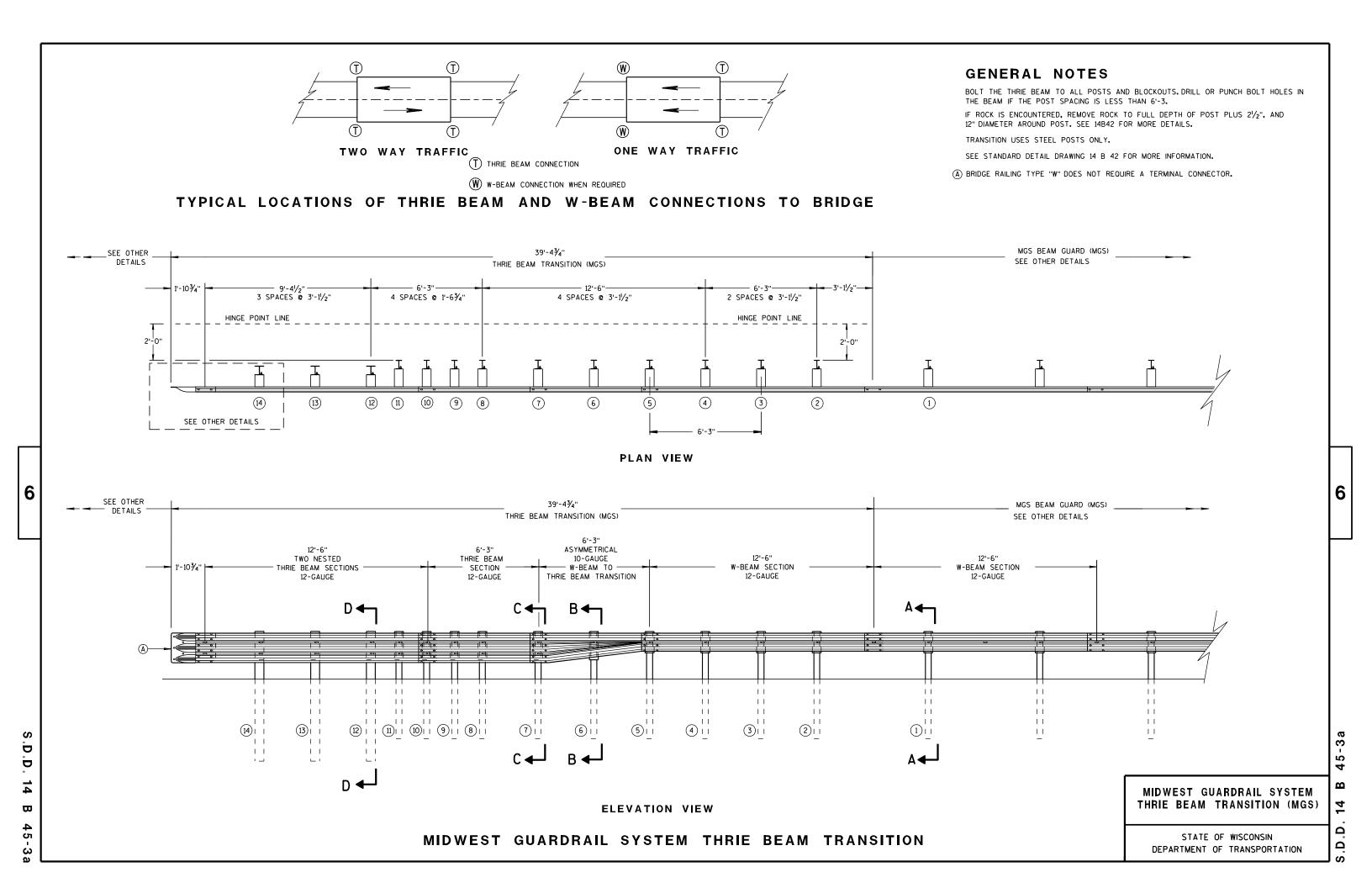


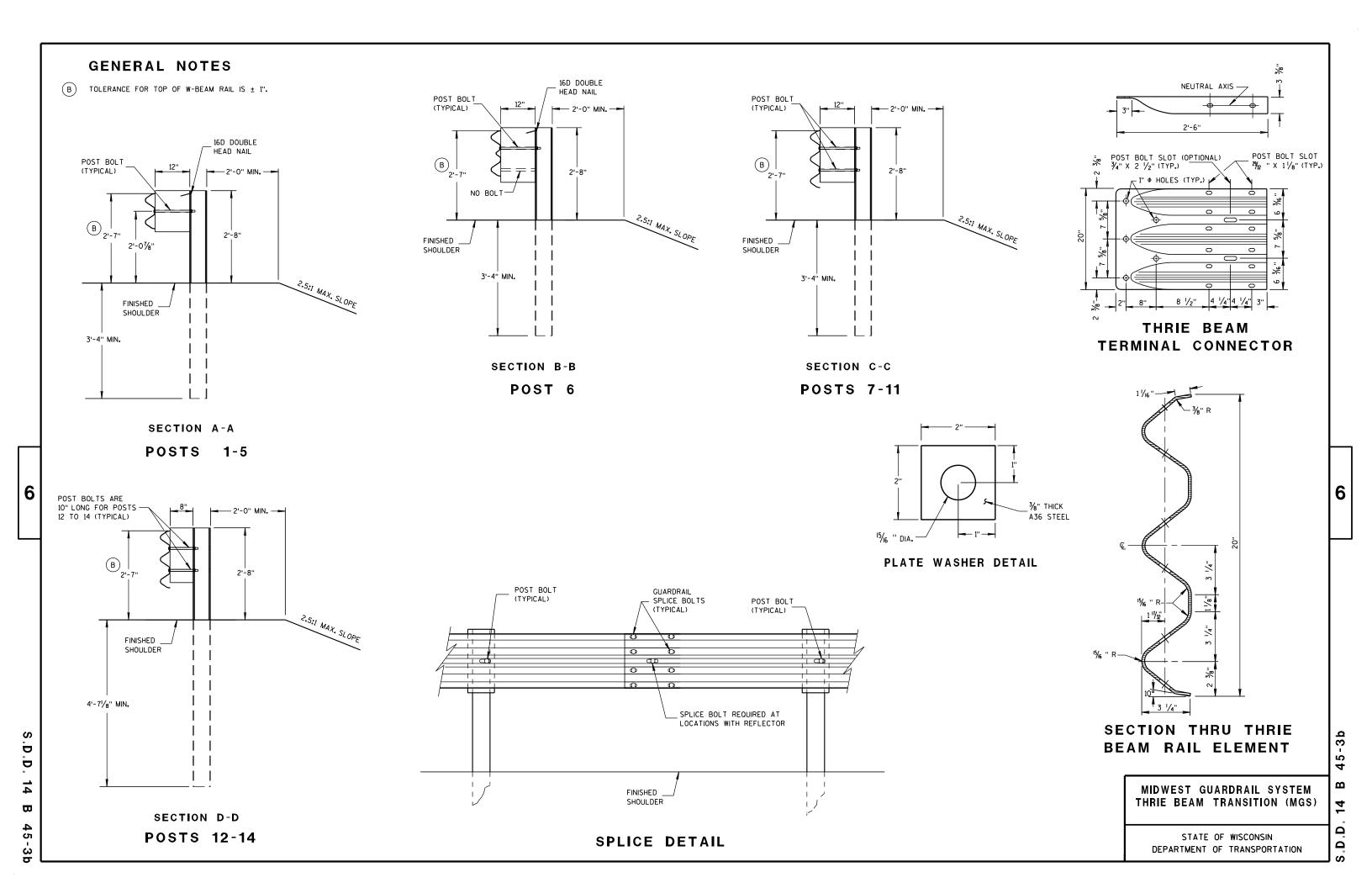
MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

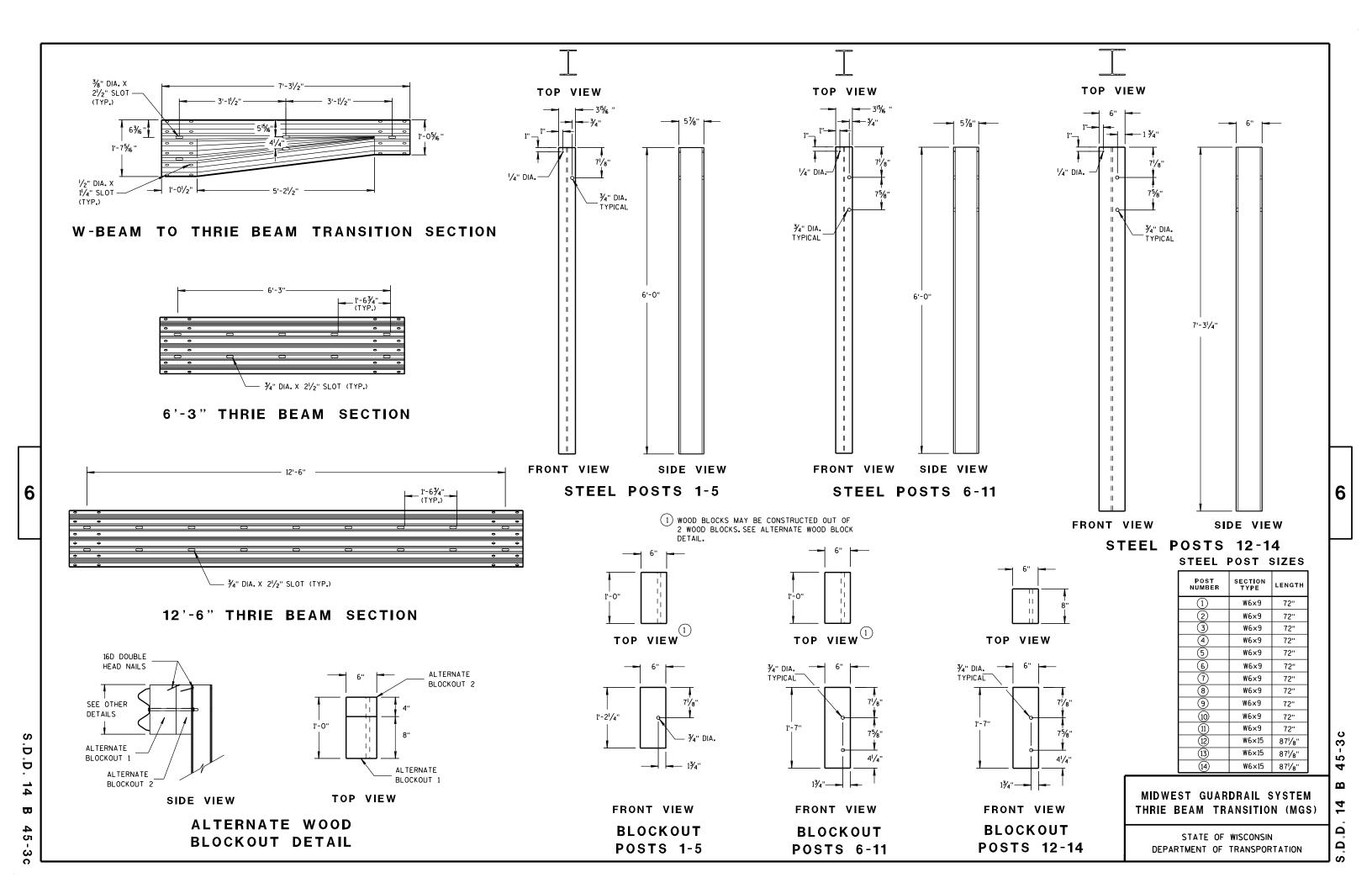
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

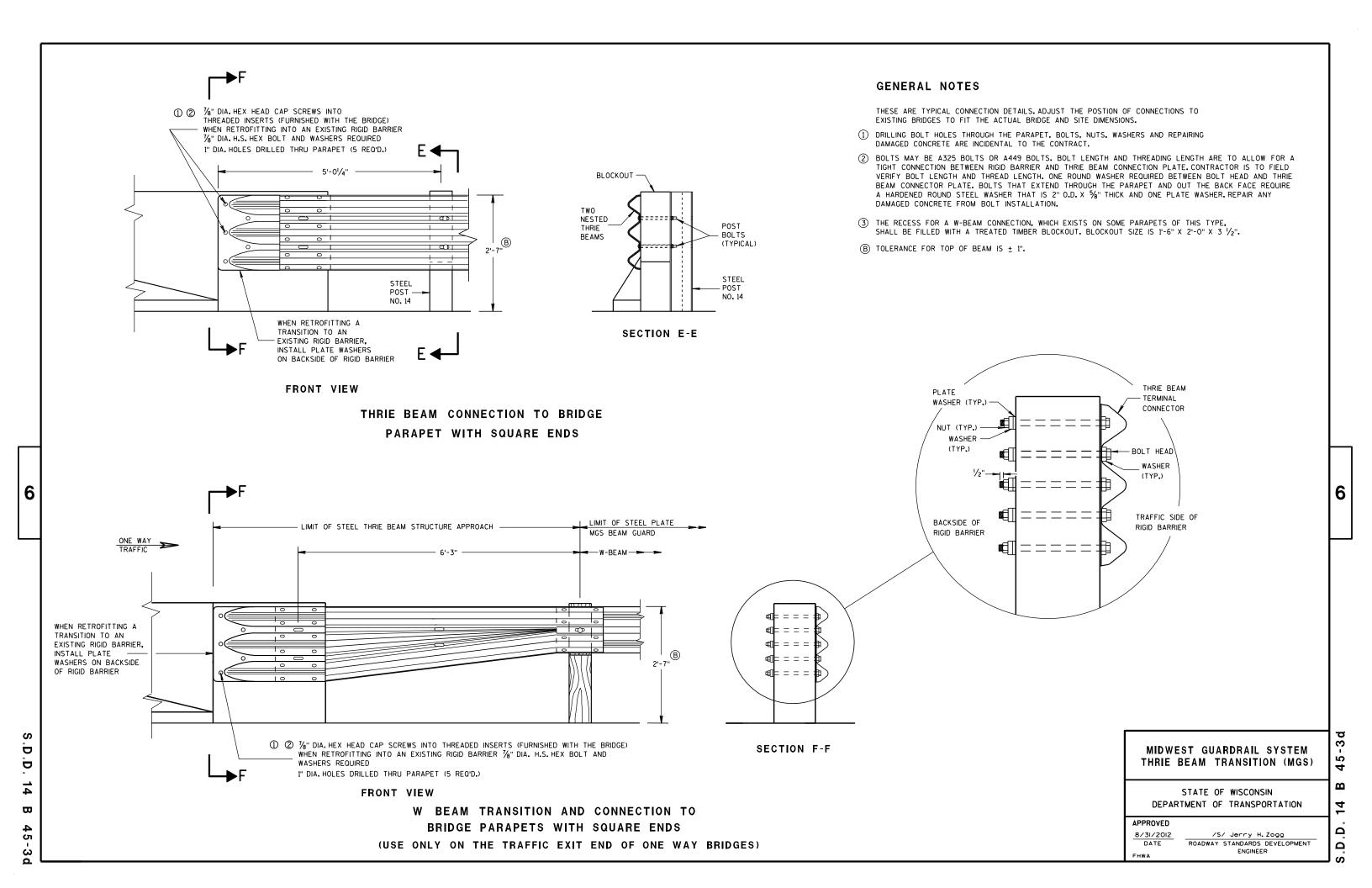
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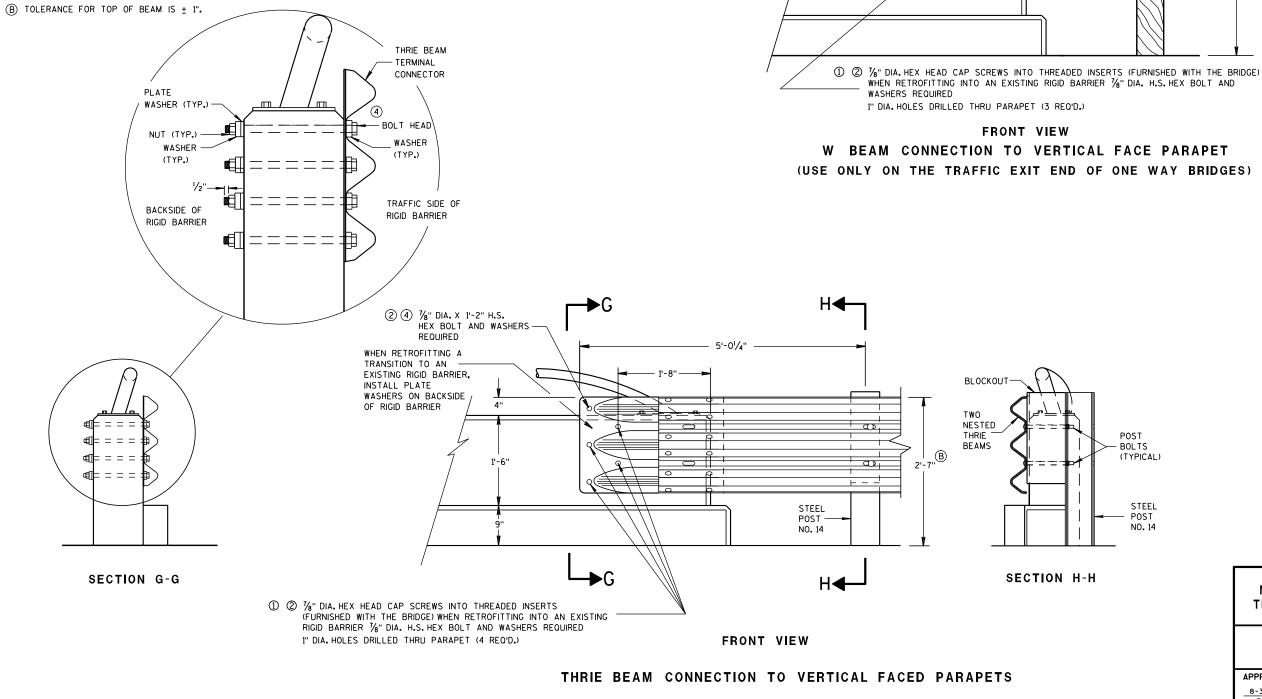




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THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

- (1) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.
- (2) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE, BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5%" THICK AND ONE PLATE WASHER REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.
- (3) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2". BLOCK IS INCIDENTAL TO THE CONTRACT.
- 4 BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.



② 1/8" DIA. X 1'-2" H.S.

REQUIRED

WHEN RETROFITTING

A TRANSITION TO

AN EXISTING RIGID

BARRIFR INSTALL -

PLATE WASHERS

ON BACKSIDE OF

RIGID BARRIER

HEX BOLT AND WASHERS

W BEAM TERMINAL -CONNECTOR

4

LIMIT OF STEEL PLATE

5'-0 1/4" -

4'-2 1/4"

- 3'-1¹/2'

MGS BEAM GUARD

ONE WAY

(B)

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MIDWEST GUARDRAIL SYSTEM

THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

/S/ Jerry H. Zogg

ROADWAY STANDARDS DEVELOPMENT

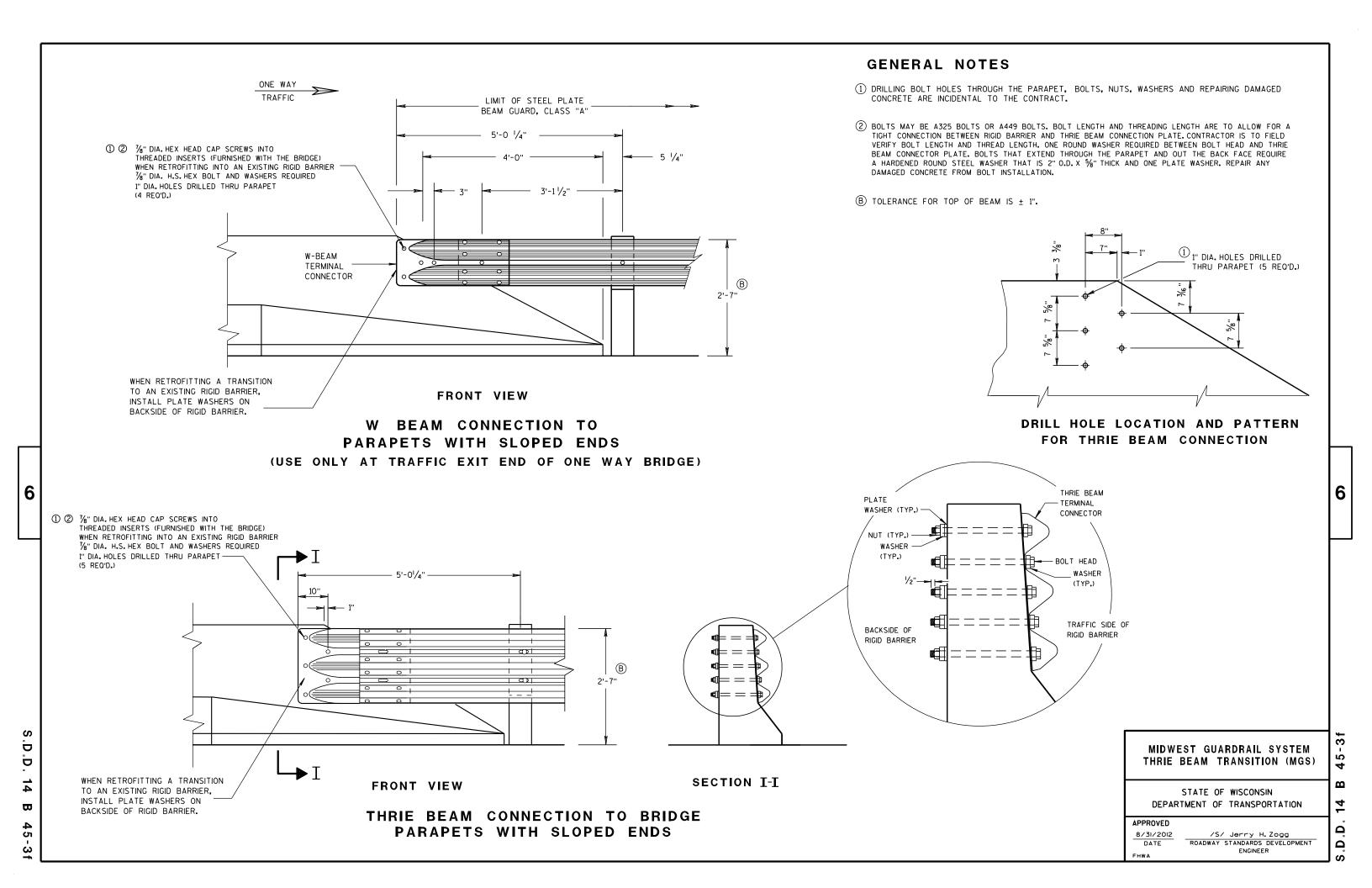
ENGINEER

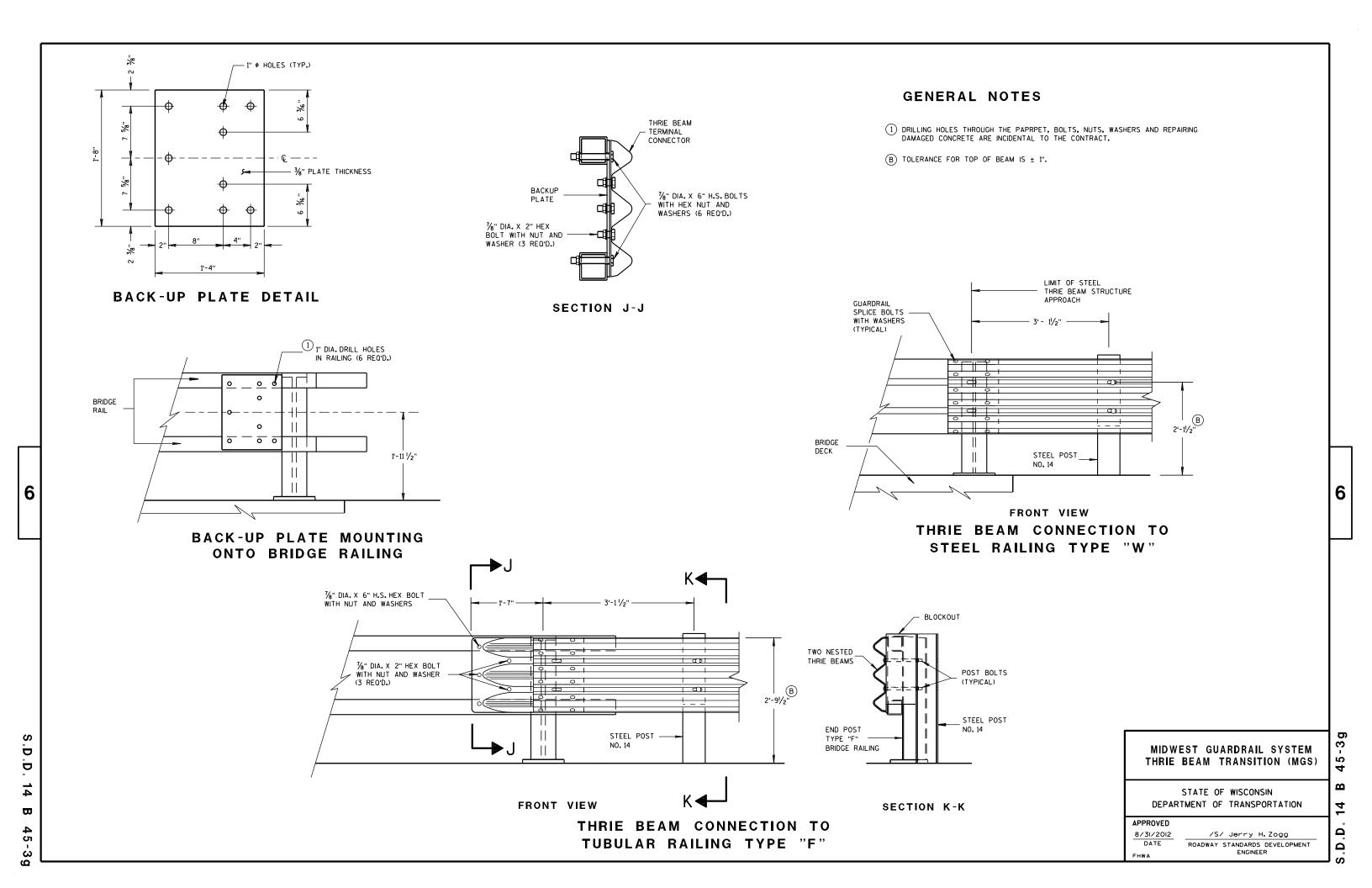
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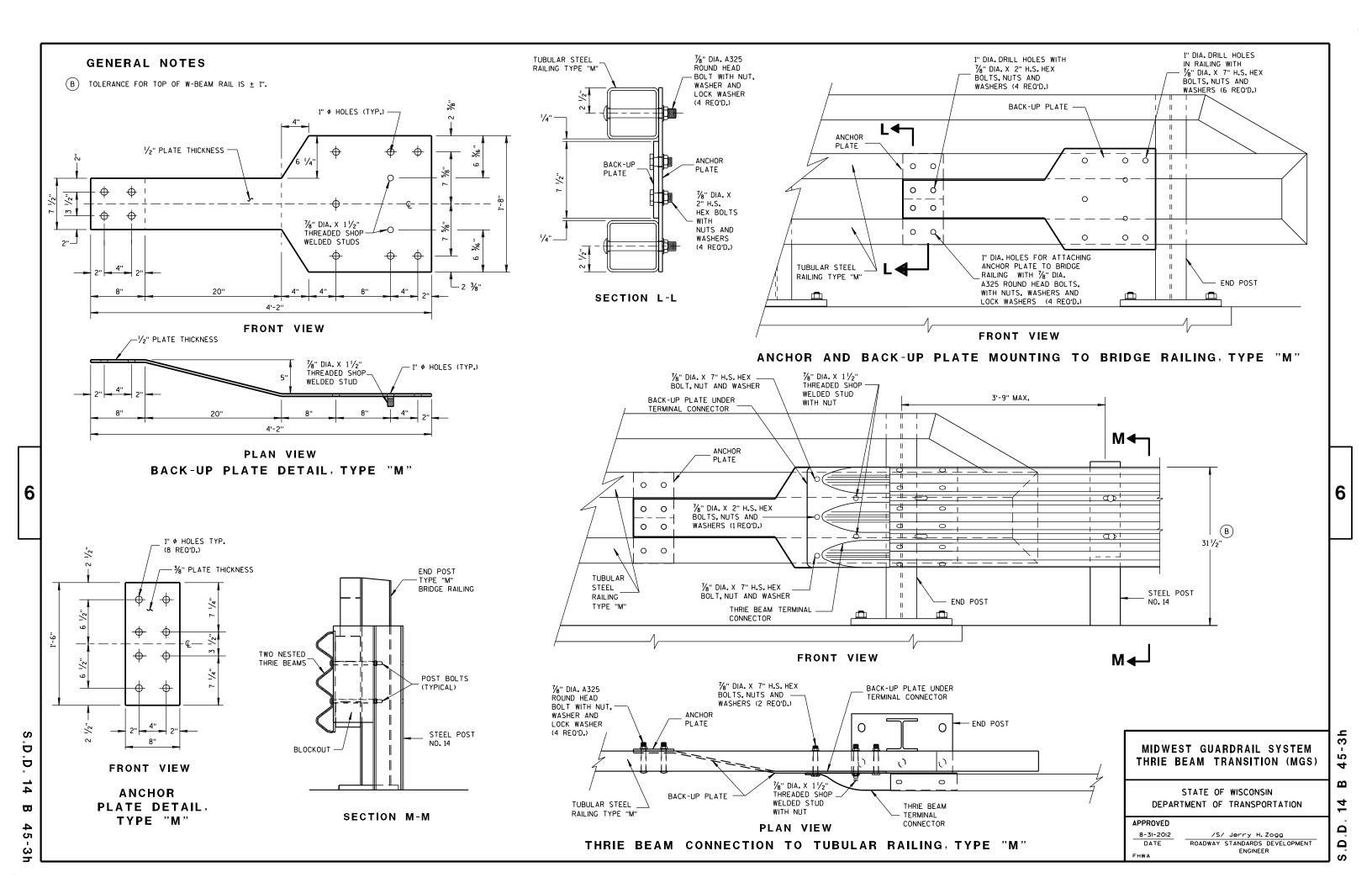
8-31-2012

2'-7"

TRAFFIC







CONNECTOR PLATE DIMENSION (PER ASSEMBLY)								
PLATE	QUANTITY	SHAPE	SIZE (A × B × C × D)	THICKNESS				
P1	1	в₫	20" × 20"	3/6 "				
P2	1	B∱c	20" × 20" × 28 % "	% "				
Р3	1	B _ CD	39" × 35/8" × 20" × 191/6"	3/6 "				
S1	4	BA	181/6" × 35/8" × 183/4"	1/4"				
S2	1	B A D	101/4" × 21/16" × 103/8" × 1/2"	1/4"				
S3	1	B₽CD	3" × 1½6" × 3½" × ½"	1/4"				
S4	1	вЁ	61/8" × 21/16"	1/4"				
S5	1	вД	61/8" × 11/16"	1/4"				
S6	1	в≜	7¾" × 1¾"	1/4"				
S7	1	A DC	2%" × 6" × 3%" × 5%"	1/4"				
S8	1	A DC	15/ ₃₂ " × 71/ ₂ " × 21/ ₂ " × 7 ³ / ₈ "	1/4"				
S9	1	C B	61/16" × 63/16" × 13/32"	1/4"				
S10	1	^BC	11/8" × 91/8" × 35/8" × 911/16 "	1/4"				
S11	1	C A	8½" × 8¾" × 1¼6 "	1/4"				

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SINGLE SLOPE CONNECTION PLATE

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

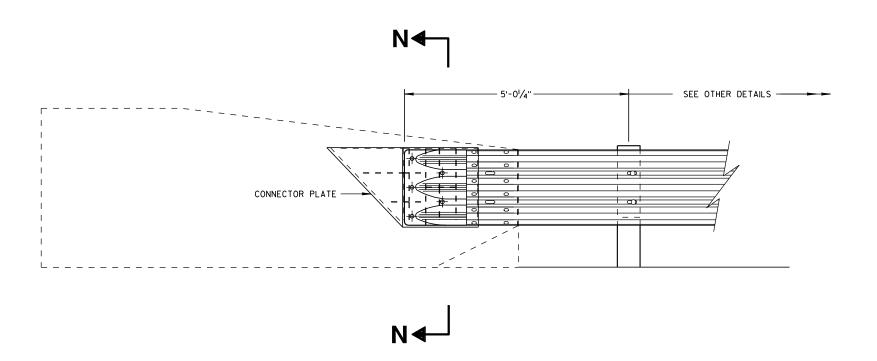
APPROVED

8/31/2012 /S/ Jerry H. Zogg

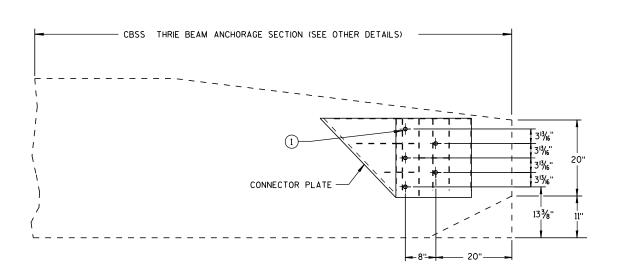
DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER

S.D.D. 14

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THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER

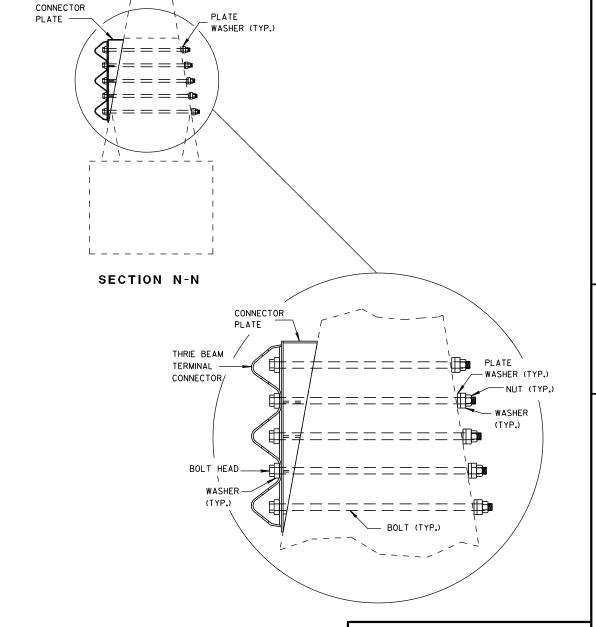


SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED 8/31/2012

/S/ Jerry H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER





TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

6

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15

C

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

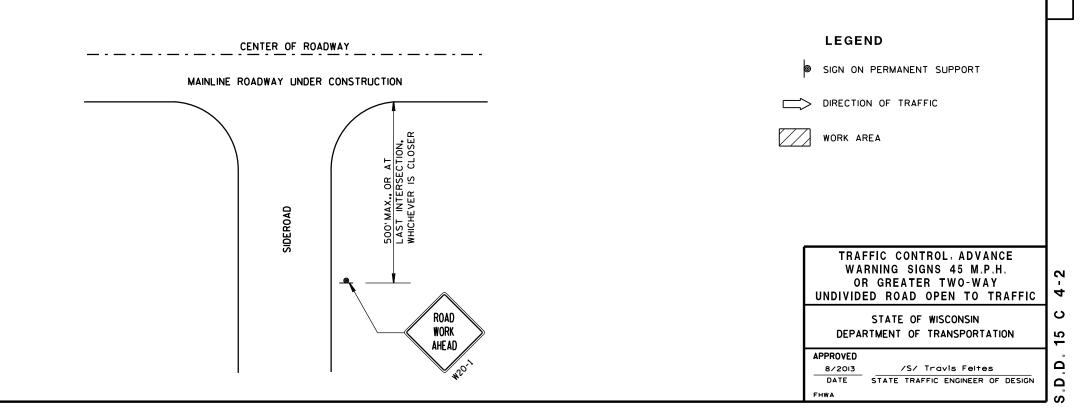
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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.

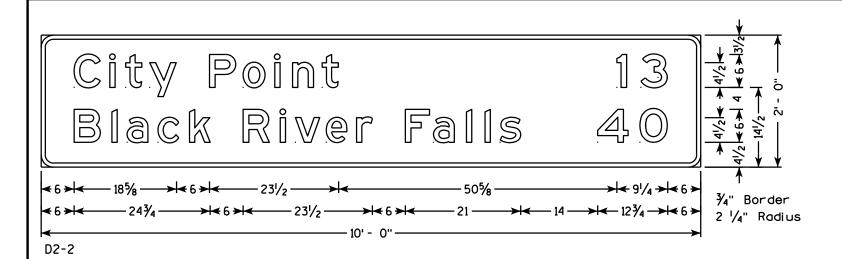


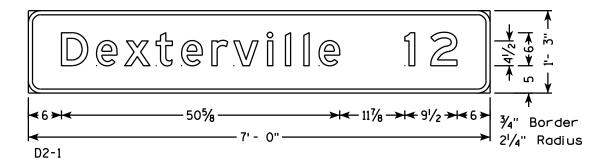
6

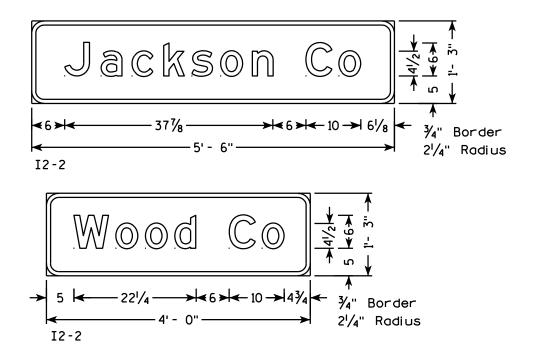












HWY:

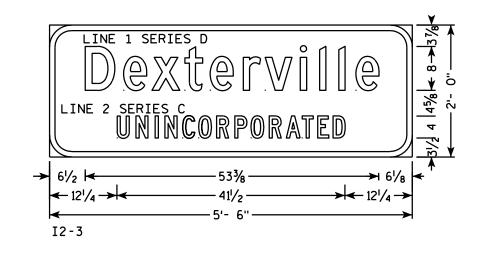
STH 54

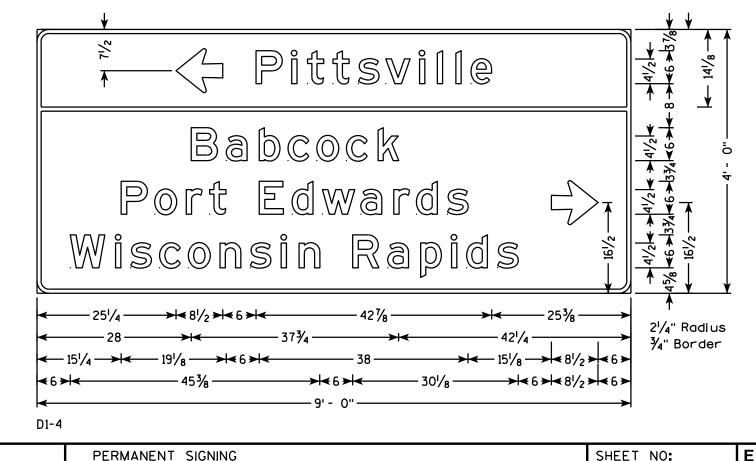
NOTES

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

Background - GREEN Message - WHITE

3. Message Series - E except as Shown





FILE NAME : C:\CAEFiles\Projects\tr_d4\4712A412.DGN

PROJECT NO: 7513-00-81

PLOT DATE: 01-MAY-2012 10:15

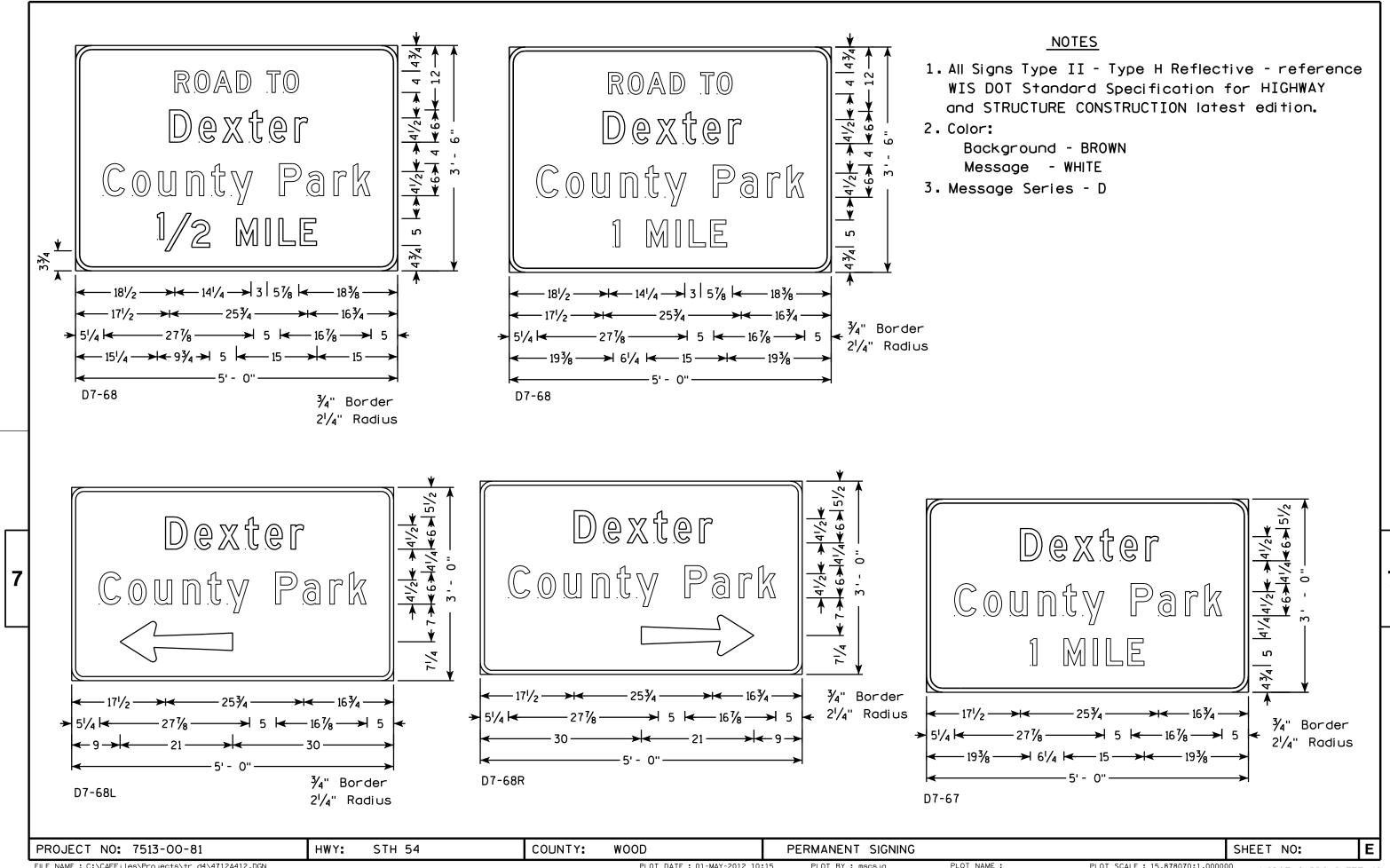
COUNTY:

PLO

PLOT BY: mscs ia

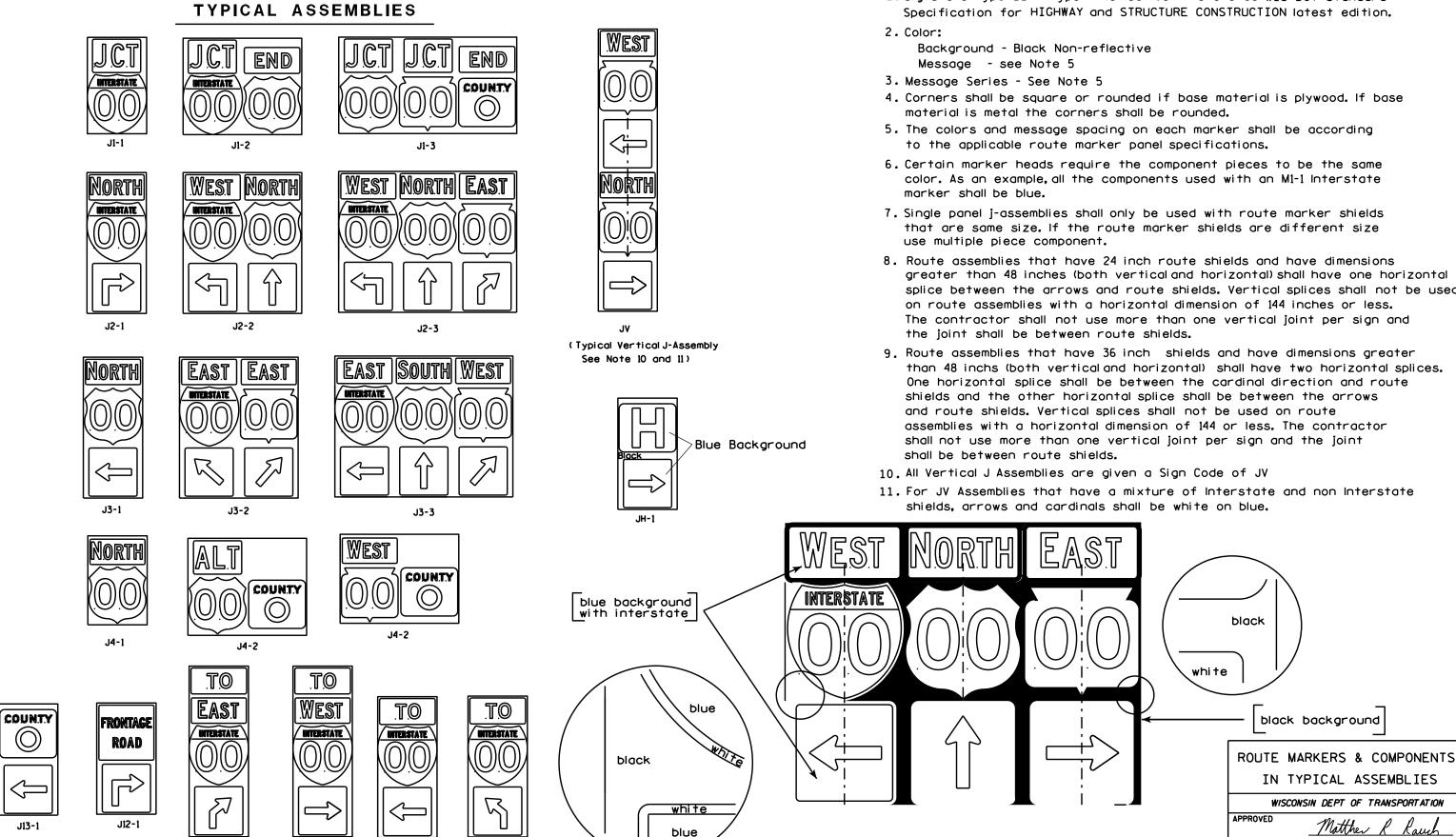
PLOT SCALE : 17.465876:1.000000

WISDOT/CADDS SHEET 42



1. Signs are Type II - Type H Reflective - reference WIS DOT Standard

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 the joint shall be between route shields.



PROJECT NO:

J32-1

J22-1

J23-1

J33-1

PLOT BY: mscsja

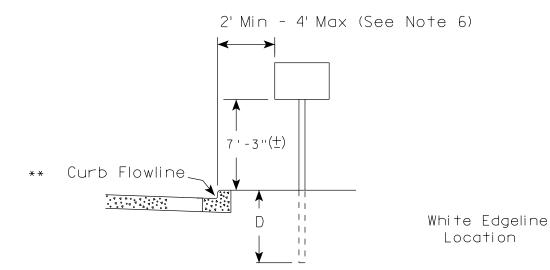
PLATE NO. __A2-15.8

DATE 2/06/14

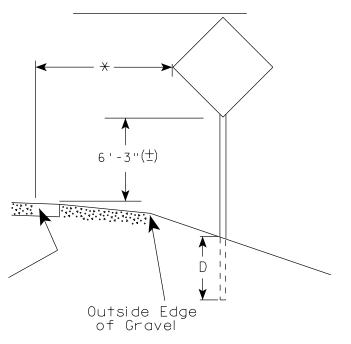
SHEET NO:



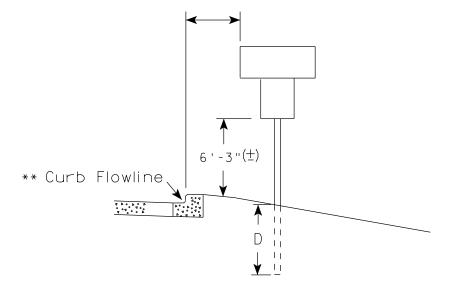
urban area



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 $5'-3''(\underline{+})$.
- 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



NOTES: 1. ALL MATERIAL TO BE APPROVED

BY ENGINEER PRIOR TO INSTALLATION

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



ELEVATION VIEW

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



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

HWY:



PLAN VIEW

COUNTY:

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

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

SHEET NO:

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

PROJECT NO:

PLOT DATE: 27-JAN-2014 09:48

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

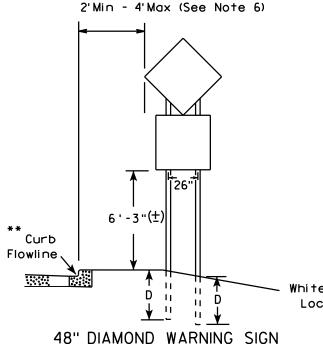
APPROVED

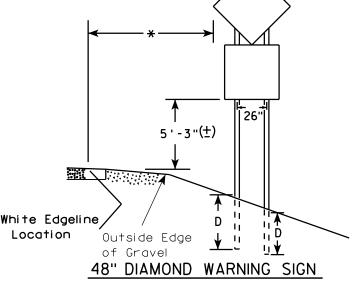
WISDOT/CADDS SHEET 42

GENERAL NOTES

- 1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
- 2. See tables below for required number of posts.
- 3. For expressways and freeways, mounting height is 7'-3'' (±) or 6'-3'' (±) depending upon existence of sub-sign.
- 4. The (±) tolerance for mounting height is 3 inches.
- 5. Minimum mounting height for J assemblies (A4-5) is 7'-3" (\pm) or 6'-3" (\pm) 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" (\pm).
- * 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.

URBAN AREA RURAL AREA (See Note 3) 2' Min - 4' Max (See Note 6) ₩E# FF# 6'-3"(±) 6'-3"(±) 7'-3"(±) ** Curb ********\ Flowline D 700 M White Edgeline D 11 White Edgeline, Location Outside Edae Location Outside Edge of Gravel





COUNTY:

of Gravel

	SIGN SHAPE OTHER THAN (TWO POSTS REQUIRED	
	L	E
* * *	Greater than 48" Less than 60"	12"
	60" to 120"	L/5

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

HWY:

SIGN SHAPE OTHER THAN (FOUR POSTS REQUIRE	
L	E
168" and greater	12"

POST EMBEDMENT DEPTH

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

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matther For State Traffic Engineer

PLATE NO. A4-4.12 DATE 9/30/13

SHEET NO: PLOT BY: mscj9h





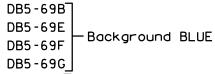
- 1. Signs are Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

<u>*</u>

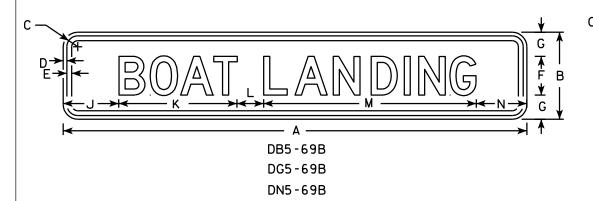
G

Background - See note 5 Message - White - Type H Reflective

- 3. Message Series See note 6
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base materialis metal, the corners and borders shall be rounded.



- DG5-69B - Background GREEN DG5-69G DN5-69B
- -Background BROWN DN5-69G
- 6. All signs are series D except for DB5-69E & DB5-69F which are Series C.





DN5-69G

HWY:



DB5-69E

Metric equivalent for this sign is:

PROJECT NO:

SIZE					
1	1200	mm	Х	225	mm
2	1200	mm	Х	225	mm
3					
4					
5					

SIZE	4	Α .	В	С	D	Ε	F	G	H	I	J	K	L	M	N	0	Ρ	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.	Areo #2
1	4	18	9	1 1/8	3/8	1/2	4	2 1/2	12	24	5 3/4	12 1/4	2 3/4	22	5 1/4	3			4 1/2	19 1/2	4 1/4	23 1/4	2 5/8	16 3/8	2 1/8	21	2	3.0	.27
2	4	18	9	1 1/8	3/8	1/2	4	2 1/2	12	24	5 3/4	12 1/4	2 3/4	22	5 1/4	3			4 1/2	19 ½	4 1/4	23 1/4	2 5/8	16 3/8	2 1/8	21	2	3.0	. 27
3																													
4																													
5					·	·		·			·		·									·	·				·		

COUNTY:

STANDARD SIGN DB5-69 & DG5-69 & DN5-69 Series

WISCONSIN DEPT OF TRANSPORTATION

APPROVED For State Traffic Engineer DATE 10/15/04 PLATE NO. DB5-69.5

SHEET NO:

FILE NAME : C:\Users\Projects\tr_stdplate\DB569.DGN

PLOT DATE: 15-0CT-2004 16:01

PLOT BY : DOTSJA

PLOT NAME :

PLOT SCALE: 9.931739:1.000000

- Sign is Type II see Note 7 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

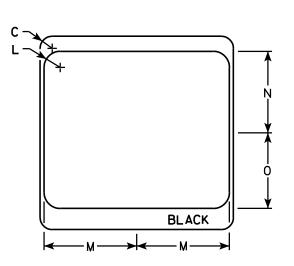
Background - White & Black - See Note 7 Message - Black

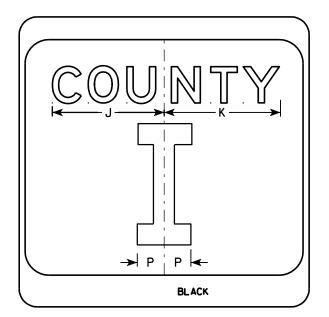
- 3. Message Series see Note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Message Series E for 1 letter.

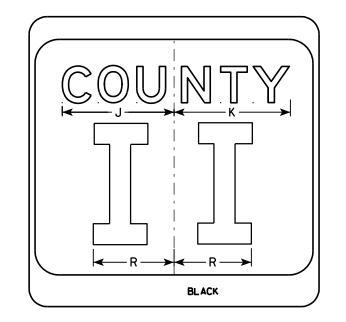
 Message Series D for 2 letters unless
 message is too big then Series C.

 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







PLOT NAME :

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	V	W	Х	Y	Z	Area sq. ft.
1																											
2	24		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 %									4.0
3	36		2 1/4			16	4	7 %	5 %	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 %	5 %	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 %		10									9.0
5	36		2 1/4			16	4	7 5/8	5 %	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
DDO	IECT	NO.					111	/V.					COUN	TV.													
FRU	JECT	NO.					HV	V I .						I I .					I								

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

PROVED

Matthew Rauch

Forstate Traffic Engineer

MATE 9/27/11 PLATE NO. M1-5A.8

DATE 9/27/11

SHEET NO:

BLACK

M1-5A

- 1. Sign is Type II See Note 6 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

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 Series numerals and adjust spacing as per plate A10-1.
- 6. Permanent Signs
 Background Type H Reflective
 Detour or temporary Signs
 Background Reflective

BLACK	↑ G → ↑ F → → ↑ → → → → → → → → → →
Metric equivalent for this sign is:	

HWY:

900 mm X 900 mm

5 900 mm X 900 mm

PROJECT NO:

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.	Area m2
1																												
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 %	11 1/2	1	1 1/8	11 1/4	21 1/8											4.0	. 36
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0	. 81
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0	.81
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0	.81
ט ן	26		2 /4			10	0 74	J /4	12 78	3 78	12 78	11 /8	1 /2	² /8	10 /8	33		<u> </u>										9.0

COUNTY:

STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

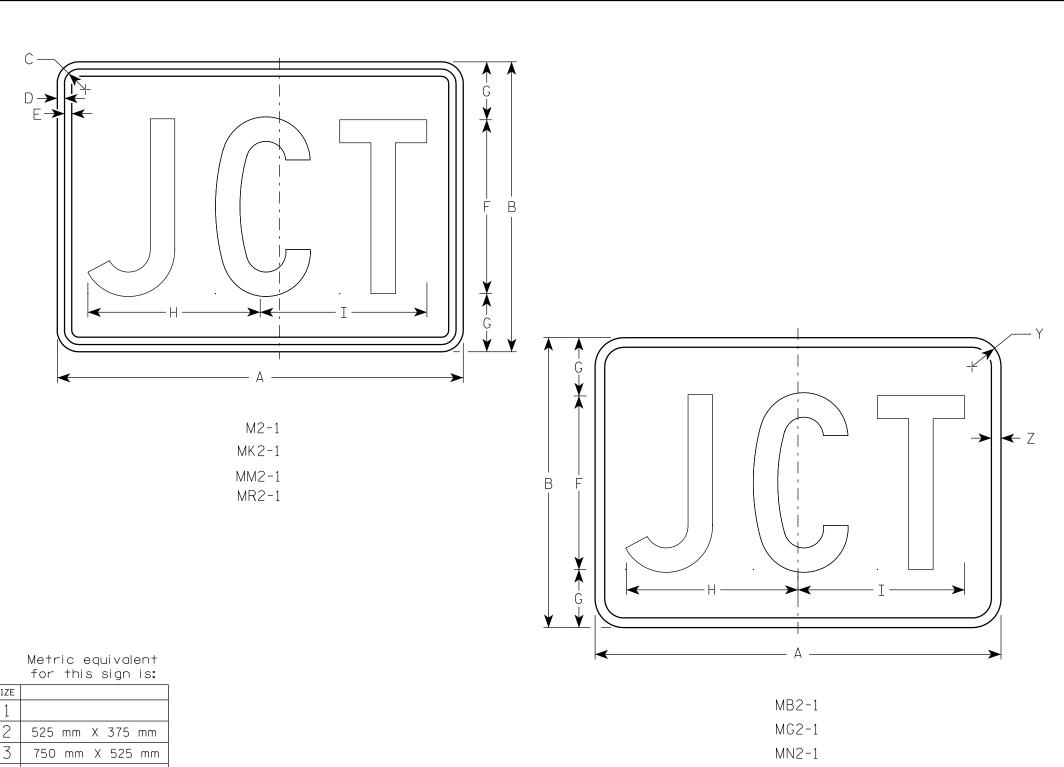
APPROVED

The state Traffic Engineer

DATE 3/20/02 PLATE NO. M1-6.9

SHEET NO:

PLOT NAME :



- 1. Sign is Type II See Note 5 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - See note 5 Message - See note 5

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M2-1 Background White Type H Reflective (Detour or temporary Signs - Reflective) Message - Black
 - MB2-1 Background Blue Message - White - Type H Reflective (Detour or temporary Signs - Reflective)
 - MG2-1 Background Green Message - White - Type H Reflective
 - MK2-1 Background Green Message - White - Type H Reflective
 - MM2-1 Background White Type H Reflective Message - Green
 - MN2-1 Background Brown Message - White - Type H Reflective
 - MR2-1 Background Brown Message - Yellow - Type H Reflective

750 mm X 525 mm 750 mm X 525 mm

PROJECT NO:

SIZE	Ξ.	А	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.	Area m2
1																													
2	2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 %																1 1/2	1/2	2.20	0.20
3	3	30	21	1 1/8	3/8	3/8	13	4	12 1/8	12 3/8																1 1/2	1/2	4.40	0.20
4	-	30	21	1 1/8	3/8	3/8	13	4	12 1/8	12 3/8																1 1/2	1/2	4.40	0.20
5	-	30	21	1 1/8	3/8	3/8	13	4	12 1/8	12 3/8																1 1/2	1/2	4.40	0.20

COUNTY:

STANDARD SIGN

M2 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

 f_{or} State Traffic Engineer

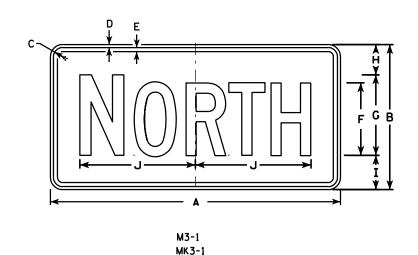
DATE 3/16/10

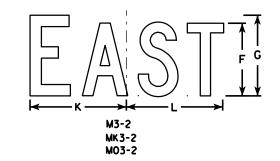
PLATE NO. M2-1.10 SHEET NO:

WISDOT/CADDS SHEET 42

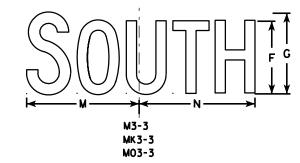
PLOT NAME : PLOT DATE: 16-MAR-2010 09:49 PLOT SCALE: 4.965868:1.000000 PLOT BY: dotsja

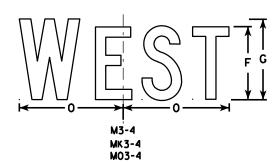
HWY:



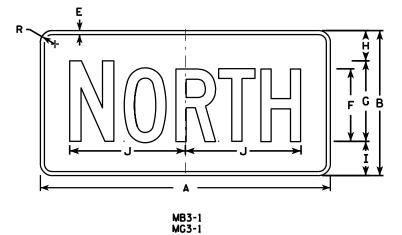


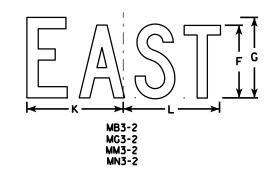
MO3-1





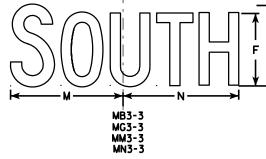
HWY:

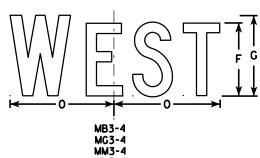




MM3-1

MN3-1





<u>NOTES</u>

- 1. All Signs Type II See Note 5 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - See note 5 Message - See note 5

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M3-1 thru M3-4 Background White Type H Reflective (Detour or temporary signs Reflective) Message Black
 - MB3-1 thru MB3-4 Background Blue Message - White - Type H Reflective (Detour or temporary signs - Reflective)
 - MG3-1 thru MG3-4 Background Green

 Message White Type H Reflective
 - MK3-1 thru MK3-4 Background Green

 Message White Type H Reflective
 - MM3-1 thru MM3-4 Background White Type H Reflective Message Green
 - MN3-1 thru MN3-4 Background Brown
 Message White Type H Reflective
 - M03-1 thru M03-4 Background Orange Reflective Message Black
- 6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	כ	٧	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3⁄8	6	7	2 1/4	2 3/4	10 1/4	7 1/8	8 3/8	10 1/4	9 3/4	8 ¾			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

COUNTY:

STANDARD SIGNS M3-1 thur M3-4 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE 11/10/10 PLATE NO. M3-1.12

SHEET NO: E

PROJECT NO:

PLOT NAME :

- Signs are Type II See Note 4 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - See note 4 Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M5-1 and M5-2 Background White Type H Reflective Message Black
 - MB5-1 and MB5-2 Background Blue

 Message White Type H Reflective
 - MG5-1 and MG5-2 Background Green

 Message White Type H Reflective
 - MK5-1 and MK5-2 Background Green
 - Message White Type H Reflective
 - MM5-1 and MM5-2 Background White Type H Reflective Message Green
- MN5-1 and MN5-2 Background Brown

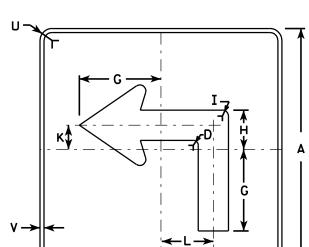
Message - White - Type H Reflective

- 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 Type H Reflective
- 5. M5-1R same as M5-1L except arrow points right.
- 6. M5-2R same as M5-2L except arrow tilts right.

c —	
D → E →	
Į.	←
·	M5-2L
	MK5-2L

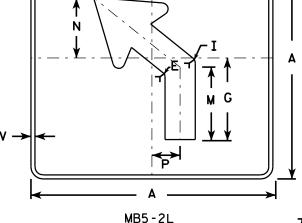
MK5-1L MM5-1L MO5-1L MP5-1L MR5-1L

M5-1L



MB5-1L MG5-1L MN5-1L

HWY:



MG5-2L

MN5-2L

MM5-2L

M05-2L

MP5-2L

MR5-2L

T A S

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	٧	₩	Х	Y	Z	Areo sq. fi
1																											
2	21		1 1/8	3%	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 %	5 1/4	5	2 1/2		1/2	2 %	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7 /8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 1/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7 /8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 1/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 1/8	½		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 1/8	1/2					6.25

COUNTY:

STANDARD SIGN M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

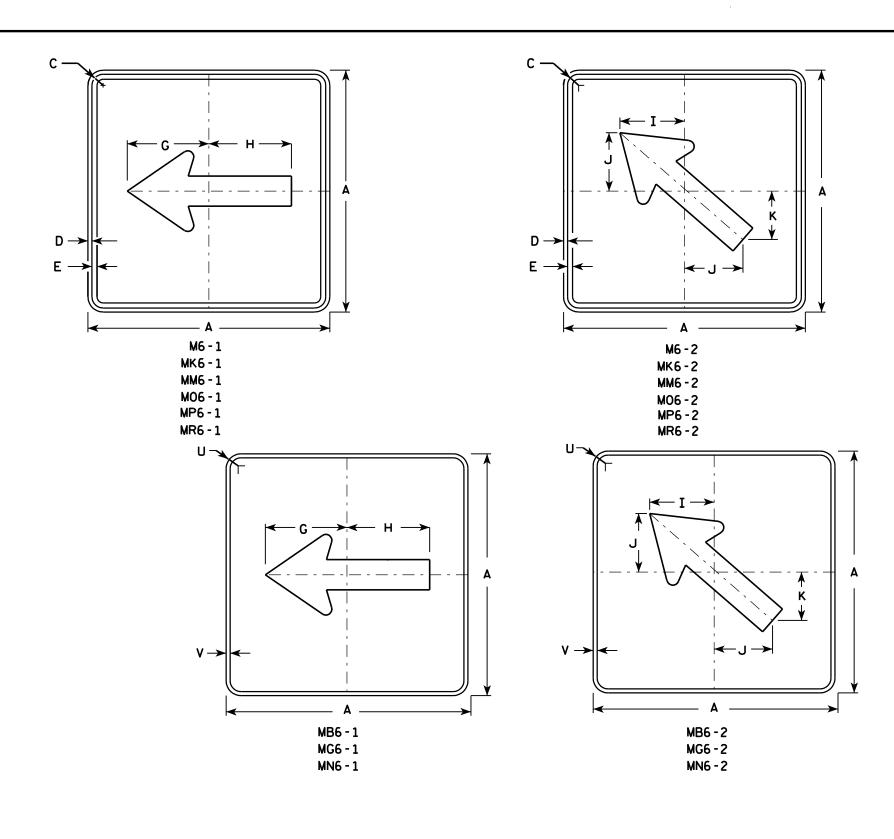
APPROVED

For State Traffic Engineer
DATE 7/29/13 PLATE NO. M5-1.12

SHEET NO:

PROJECT NO:

PLOT NAME :



- 1. Signs are Type II See Note 4 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

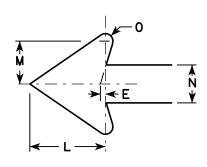
Background - See note 4 Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M6-1 and M6-2 Background White Type H Reflective Message Black
 - MB6-1 and MB6-2 Background Blue Message - White - Type H Reflective
 - MG6-1 and MG6-2 Background Green
 Message White Type H Reflective
 - MK6-1 and MK6-2 Background Green

 Message White Type H Reflective
 - MM6-1 and MM6-2 Background White Type H Reflective Message Green
 - MN6-1 and MN6-2 Background Brown

 Message White Type H Reflective
 - M06-1 and M06-2 Background Orange Type F Reflective Message - Black
 - MP6-1 and MP6-2 Background White Type H Reflective Message Blue
 - MR6-1 and MR6-2 Background Brown

 Message Yellow Type H Reflective



PLOT NAME :

SIZE	Α	В	С	D	Е	F	G	Н	I	J	К	L	M	N	0	Р	0	R	S	T	U	٧	₩	Х	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 %	5	4 1/4	5 1/4	3	2 %	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 ¾	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25

COUNTY:

STANDARD SIGN M6-1 & M6-2 SERIES

WISCONSIN DEPT OF TRANSPORTATION

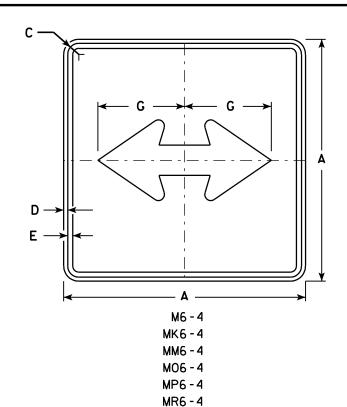
APPROVED

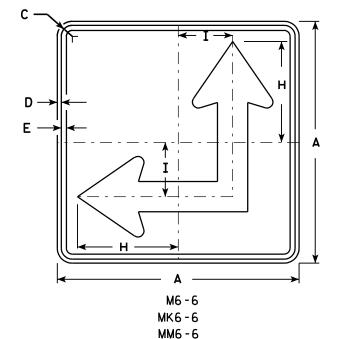
Matther R Rauch

DATE 7/29/13 PLATE NO. M6-1.13

SHEET NO:

HWY:

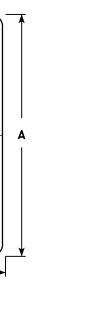




MO6-6

MP6-6

MR6-6

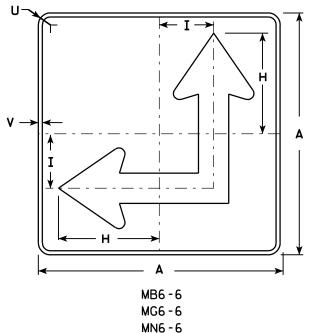


MB6-4

MG6 - 4

MN6 - 4

HWY:



NOTES

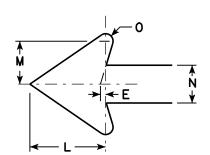
- 1. Signs are Type II See Note 4 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - See Note 4 Message - See Note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M6-4 and M6-6 Background White Type H Reflective Message Black
 - MB6-4 and MB6-6 Background Blue
 - Message White Type H Reflective
 - MG6-4 and MG6-6 Background Green
 - Message White Type H Reflective
 - MK6-4 and MK6-6 Background Green

 Message White Type H Reflective
 - MM6-4 and MM6-6 Background White Type H Reflective
 - Message Green
 - MN6-4 and MN6-6 Background Brown
 - Message White Type H Reflective M06-4 and M06-6 Background Orange Type F Reflective
 - Message Black
 - MP6-4 and MP6-6 Background White Type H Reflective
 - Message Blue
 - MR6-4 and MR6-6 Background Brown

 Message Yellow Type H Reflective
- 5. M6-6R same as M6-6L except arrow points ahead and right.



PLOT NAME :

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Areg sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 %	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	₹4						1 %	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25

COUNTY:

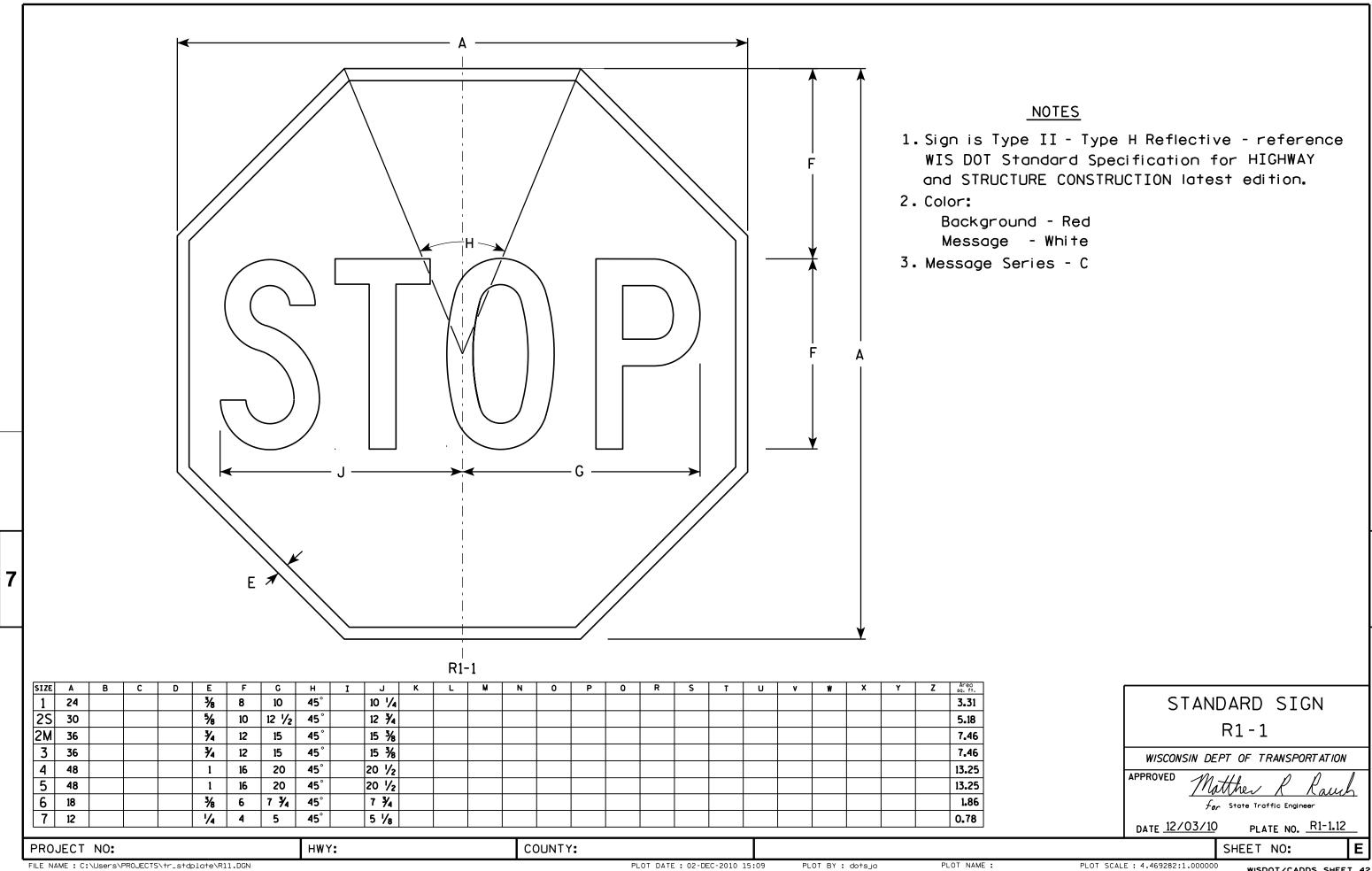
STANDARD SIGN M6-4 & M6-6 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 7/29/13 PLATE NO. M6-4.8

SHEET NO:



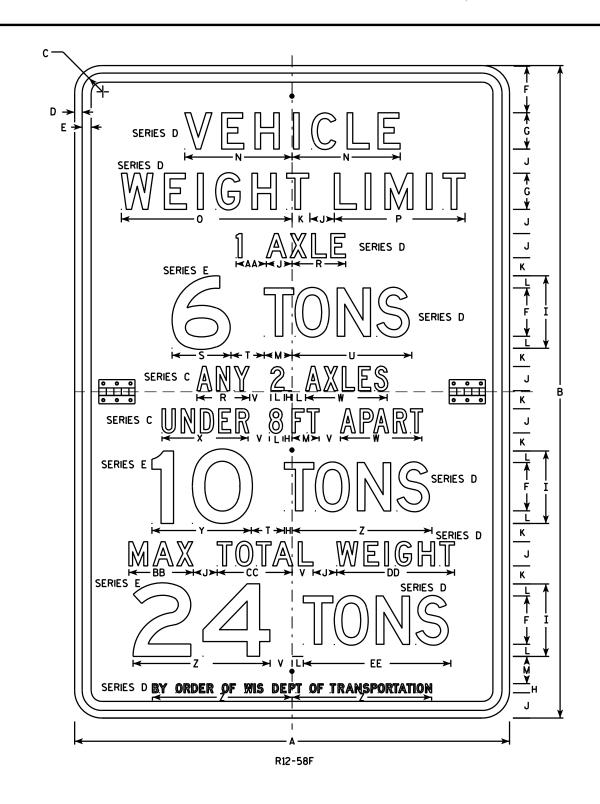
WISDOT/CADDS SHEET 42



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

Background - WHITE Message - BLACK

- 3. Message Series As noted
- 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.
- 6. Mounting Holes are $\frac{1}{16}$ " Mounting Holes are centered horizontally Top Mounting Hole is $2^{1}/_{2}$ " from top Middle Mouting Hole is 5" Down from the middle of sign Bottom Mounting Hole is 4" from the bottom.



SIZE	AA	BB	CC	DD	EE
1					
		5 3/8		9 3/4	12 1/4
2M	2 1/2	5 3/8	6 1/4	9 3/4	12 1/4
3					
4					
5					

36" MOUNTING

HOLE WITH 36"

ALUMINUM RIVETS. 1/4" - 3/8" GRIP RANGE

DETAIL A

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
1																											
2S	36	54	1 1/8	5/8	3/4	4	3	3/4	6	2	11/2	1	2 1/4	9	14 1/8	10 %		4 1/2	5	2 3/4	10	1 3/4	6 3/4	7	8 1/4	11 1/2	13.5
2S 2M	36	54	1 1/8	5/8	3/4	4	3	3/4	6	2	11/2	1	2 1/4	9	14 1/8	10 %		4 1/2	5	2 3/4	10	1 3/4	6 3/4	7	8 1/4	11 1/2	13.5
3																											
4																											
5																											
										•	-	•	_			•					•	•	-				

COUNTY:

STANDARD SIGN R12-58F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED For State Traffic Engineer DATE ____4/1/11 PLATE NO. R12-58F.2

SHEET NO:

PLOT DATE: 01-APR-2011 12:40

PLOT NAME :

PLOT SCALE: 7.945391:1.000000

HWY:



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

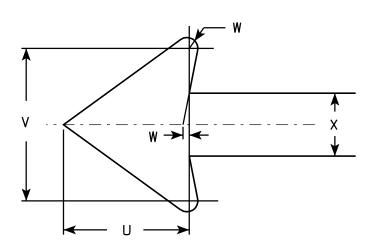
Background - White Message - Red

- 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, 3 and 4 are series C, line 2 is series B.
- 6. R7-1D (double arrow)

R7-1L (left arrow)

R7-1R (right arrow)

PLOT NAME :



R7-1

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/8	3/8	3/8	3	1 %	2	%	5/8	1 1/2	2 1/2	2	2	4 %	4 %	2 1/4	2 1/8	2 1/2	3 %	1 1/2	1 3/4	1/8	3/4			1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 %	7 1/8	7	2 3/4	2 %	3 1/8	5 %	2 1/4	2 5/8	1/4	1 1/8			3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
4																											
5																			·								

COUNTY:

STANDARD SIGN R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

OVED

Matthew R Rauch

For State Traffic Engineer

DATE 3/31/2011

SHEET NO:

HWY:

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

2. Color:

Background - White Message - Black

- 3. Message Series 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. Line 1 is Series E. Lines 2, 3 and 4 are Series C.

R9-55

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2S	18	24	1 1/8	3/8	1/2	4	3	2 1/2	1 1/8	2 1/8	1 1/4	2 1/4	3 3/4	7 1/4	7 1/2	5 ½											3.0
2M	18	24	1 1/8	3/8	1/2	4	3	2 1/2	1 1/8	2 1/8	1 1/4	2 1/4	3 3/4	7 1/4	7 1/2	5 ½											3.0
3																											
4																											
5																											

COUNTY:

STANDARD SIGN R9-55

WISCONSIN DEPT OF TRANSPORTATION

APPROVED f_{or} State Traffic Engineer

DATE 4/4/2011 PLATE NO. R9-55.6

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R955.DGN

PROJECT NO:

HWY:

PLOT DATE: 04-APR-2011 14:38

PLOT BY: mscsja

PLOT NAME :

PLOT SCALE: 3.972696:1.000000

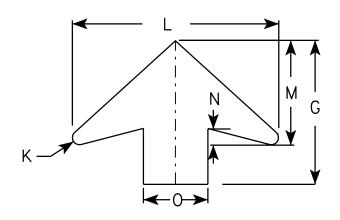
00 S3-1

NOTES

- 1. All Signs Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - YELLOW-GREEN Message - BLACK except as noted Circles except PEDS- RED BACKGROUND

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.



A DDOW	
ARROW	DETAIL

SIZE	Α	В	С	D	E	F	G	н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	12 1/2	5 1/4	5 ½	1/2	16	8	1 1/4	5	1 1/2		6 %	5 %	10 %							6.25
2	36		1 %	5/8	3/4	7 1/2	13 1/2	15 1/8	6 1/4	6 1/2	5/8	19 1/4	9 3/4	1 %	6	1 1/8		7 1/8	6 3/8	12 3/8							9.0
3	48		2 1/4	3/4	1	10	17 1/8	20 1/8	8 %	8 ¾	7 ⁄8	25 %	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
4	48		2 1/4	3/4	1	10	17 1/8	20 1/8	8 3/8	8 3/4	7/8	25 %	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
5																											

STANDARD SIGN S3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

for State Traffic Engineer DATE <u>6/8/10</u>

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\S31.DGN

PROJECT NO:

PLOT DATE: 08-JUN-2010 15:30

PLOT BY: ditjph

WISDOT/CADDS SHEET 42

PLATE NO. <u>\$3-1.6</u>

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

Background - Yellow Message - Black

3. Message Series - E

D K F G WID-1	

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1	30			3/8	5/8	7	3 1/2	45°	12 3/8	7 1/8	3	1 1/2															4.91
2S	36			5/8	3/4	8	4	45°	14 3/8	8 %	4	2															7.07
2M	36			5/8	3/4	8	4	45°	14 3/8	8 %	4	2															7.07
3																											
4	48			3/4	1 1/4	10	5	45°	18 3/8	11 %	5	2 1/2															12.57
5																											

COUNTY:

STANDARD SIGN W10-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 3/13/13 State Traffic Engineer PLATE NO. W10-1.8

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W101.DGN

PROJECT NO:

HWY:

PLOT DATE: 13-MAR-2013 11:06

PLOT BY : mscj9h

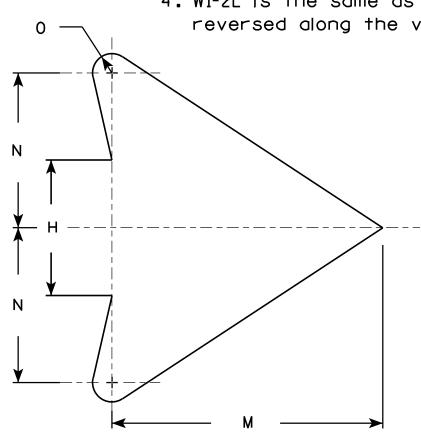
PLOT NAME :

PLOT SCALE: 6.946657:1.000000

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

Background - Yellow Message - Black

- 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. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



ARROW	DETAIL

	W1-2R															ANTOW DETAIL											
SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	v	W	×	Y	Z	Areg sq. ft.
1	24		1 1/8	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
25	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 %	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 %	3 1/2	10 %	10 1/2	6	3/4												9.0
3	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 %	3 1/2	10 %	10 1/2	6	3/4												9.0
4	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 %	3 1/2	10 1/8	10 1/2	6	3/4												9.0
5	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 %	14 1/2	14	8	1												16.0

COUNTY:

STANDARD SIGN W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rawh

DATE <u>5/15/12</u>

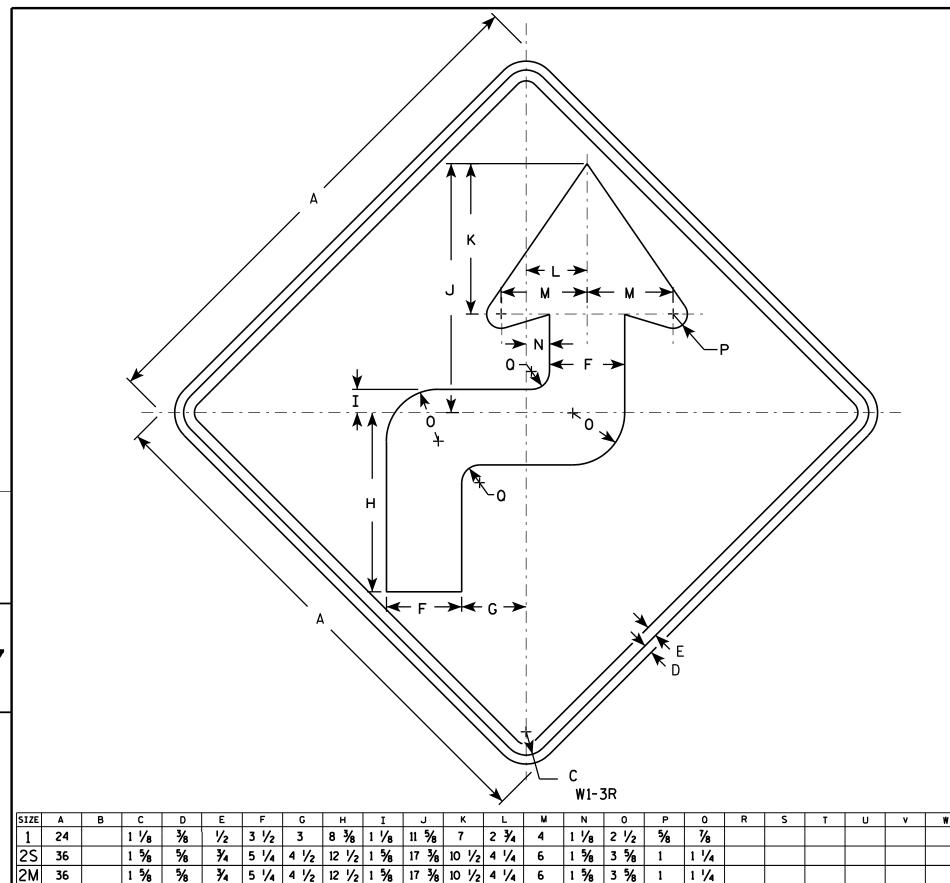
PLATE NO. W1-2.10

SHEET NO:

PROJECT NO:

← H →

HWY:



<u>NOTES</u>

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

Background - Yellow Message - Black

- 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. W1-3L is the same as W1-3R except the arrow is reversed along the vertical centerline.

4.0 9.0 9.0 3/4 5 1/4 4 1/2 12 1/2 1 3/8 17 3/8 10 1/2 4 1/4 3 36 1 1/8 1 % 3 % | 9.0 4 36 12 1/2 1 5/8 17 3/8 10 1/2 4 1/4 6 1 % 3 % 9.0 1 1/8 5 48 2 1/4 3/4 16 5/8 2 1/4 23 1/4 14 5 5/8 8 | 2 1/8 | 4 7/8 | 1 1/4 | 1 5/8

COUNTY:

STANDARD SIGN W1-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Raw

For State Traffic Engineer

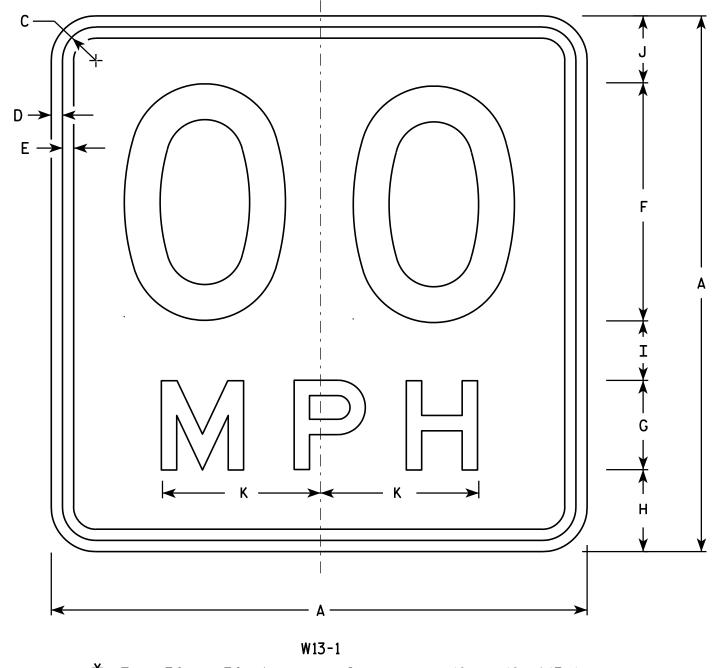
DATE 5/17/12 PLATE NO. W1-3.8

SHEET NO:

PROJECT NO:

HWY:

PLOT NAME :



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

Background - Yellow Message - Black

- 3. Message Series See Note 6
- 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 space about centerline to achieve proper balance.
- 6. Line 1 is Series D Line 2 is Series E

* For 30" \times 30" Warning Signs, use 18" \times 18" W13-1 signs. For 36" \times 36" Warning Signs, use 24" \times 24" W13-1 signs.

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
* 2S	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 %																2.25
* 2M	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
4	36		1 1/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 %																9.00
5	36		1 %	5/8	3/4	16	6	5 1/2	4	4 1/2	10 %																9.00

STANDARD SIGN W13-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew N

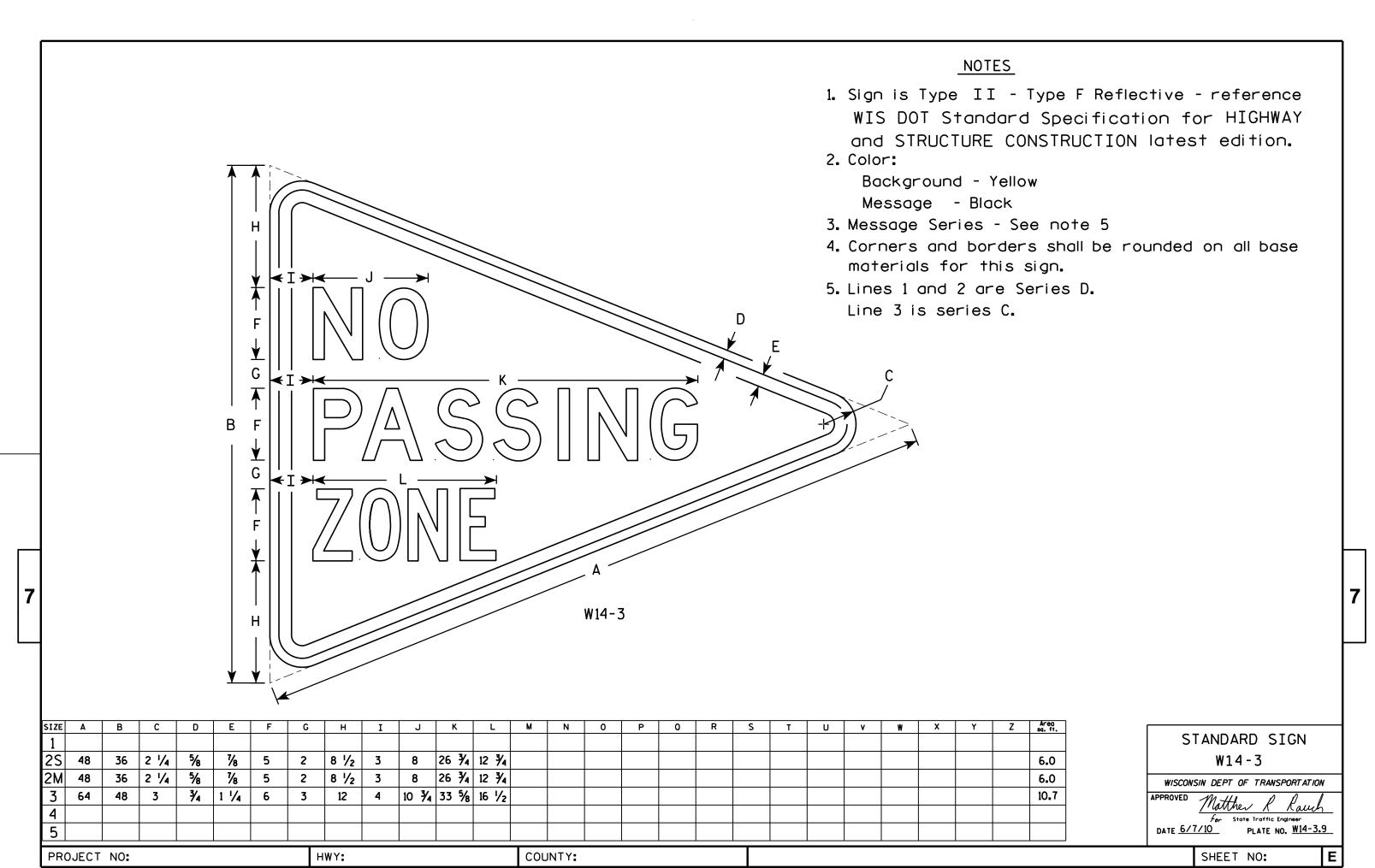
For State Traffic Engineer

DATE 5/31/12 PLATE NO. W13-1.16

SHEET NO:

PLOT BY: mscsja

PLOT NAME :



FILE NAME : C:\Users\PROJECTS\tr_stdplate\W143.DGN

PLOT DATE: 07-JUN-2010 13:11

PLOT BY: ditjph

PLOT NAME :

PLOT SCALE: 5.710749:1.000000

WISDOT/CADDS SHEET 42

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

Background - Yellow Message - Black

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.

c —	A A
	G
	<u>↓</u> ★ B
N + H - H	
A	
W1-6	

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/8	3/8	3/8		9	10	3/4	5 %	4 3/4	2 3/8	14 %	29 1/4													4.5
25	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													8.0
2M	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													8.0
3	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													12.5
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													12.5
5	96	48	2 1/4	3/4	1		24	26 1/2	2	15	13	6 1/2	39	78													32.0

COUNTY:

STANDARD SIGN W1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Ma

For State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-6.8

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W16.DGN

HWY:

PROJECT NO:

PLOT DATE: 07-JUN-2010 10:37

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE: 5.959043:1.000000

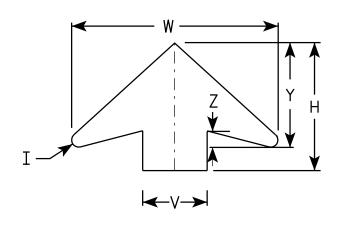
WISDOT/CADDS SHEET 42

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

 Background YELLOW*

 Message BLACK
- 3. Message Series C for numbers Series E for wording
- 4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White Background



ARROW DETAIL

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1																											
25	36		1 %	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3∕8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3∕8	9 3/4	1 %	9.0
2M	36		1 %	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 ¾	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 %	9.0
3	36		1 %	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 %	9.0
4	48		2 1/4	3/4	1	19 1/4	10 ¾	17 3/8	%	30	2 1/4	4	1 1/4	15	10	1 %	1/2	8	9 1/4	9	12	8	25 %	3/8	13	2	16.0
5	48		2 1/4	3/4	1	19 1/4	10 ¾	17 3/8	1 / ₈	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9	12	8	25 %	3/8	13	2	16.0

STANDARD SIGN W3-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch

DATE 5/29/12 PLATE NO. W3-5.5

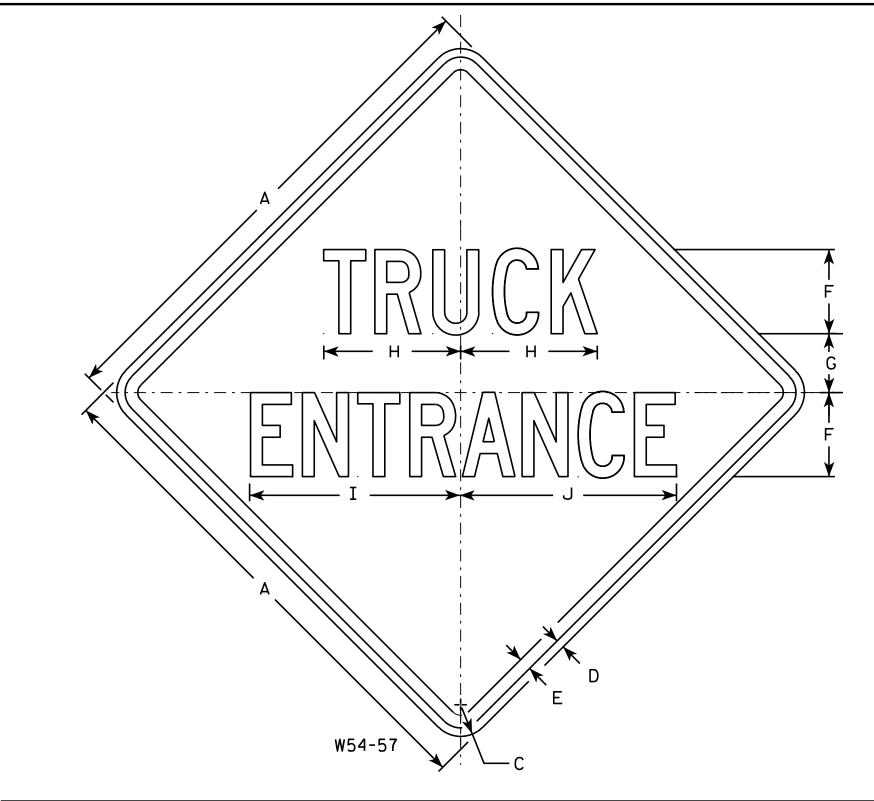
SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W35.DGN

PROJECT NO:

PLOT DATE: 29-MAY-2012 10:52

PLOT BY: mscsja



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

Background - Yellow Message - Black

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

SIZE A 2S 30 1/2 5/8 3 1/2 8 1/8 12 1/2 12 1/8 1 3/8 6.25 2M 36 4 1/4 9 5/8 15 15 3/8 9.00 3 36 1 % 4 1/4 9 5/8 15 15 3/8 9.00 4 5

STANDARD SIGN W54-57

WISCONSIN DEPT OF TRANSPORTATION

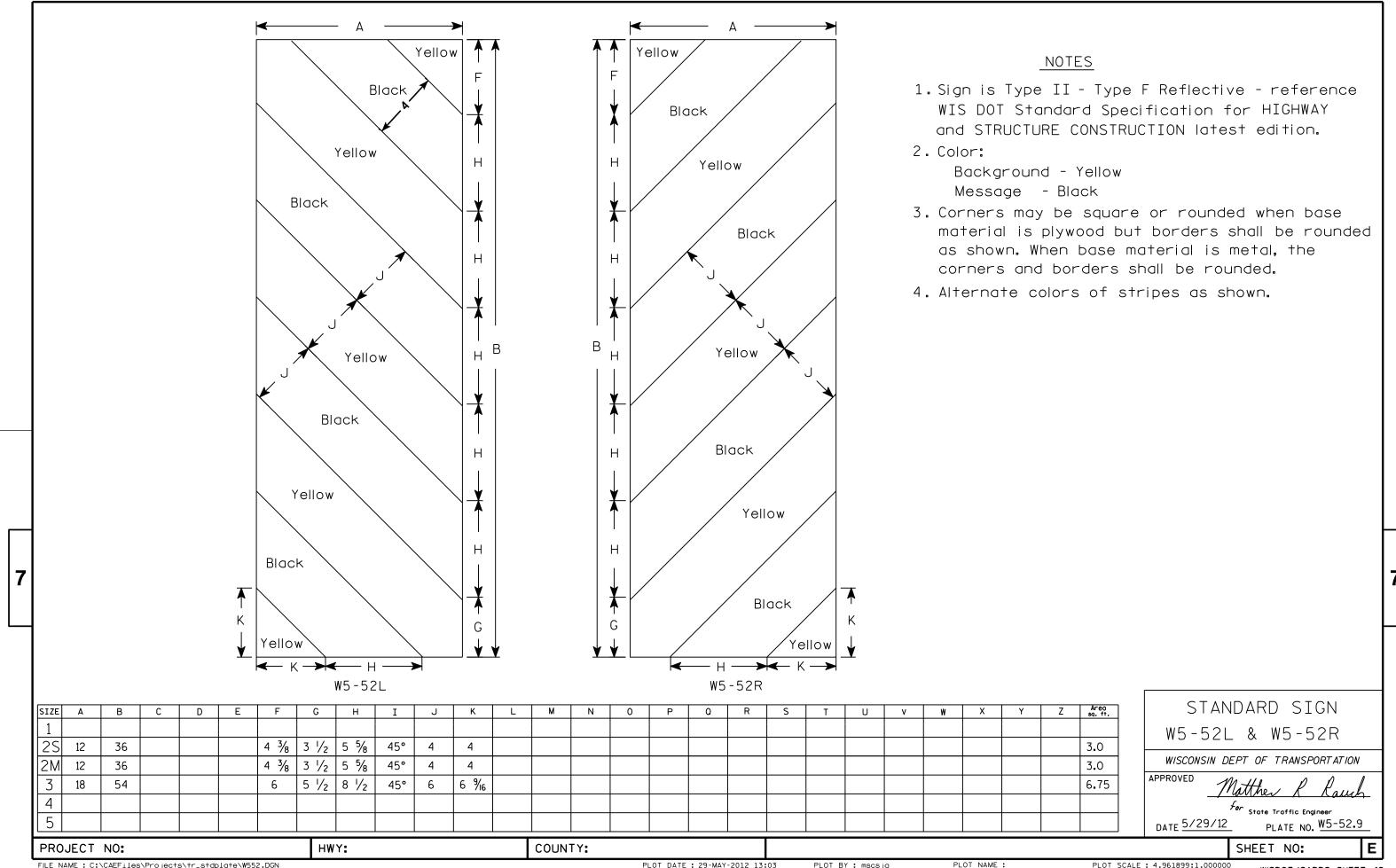
SHEET NO:

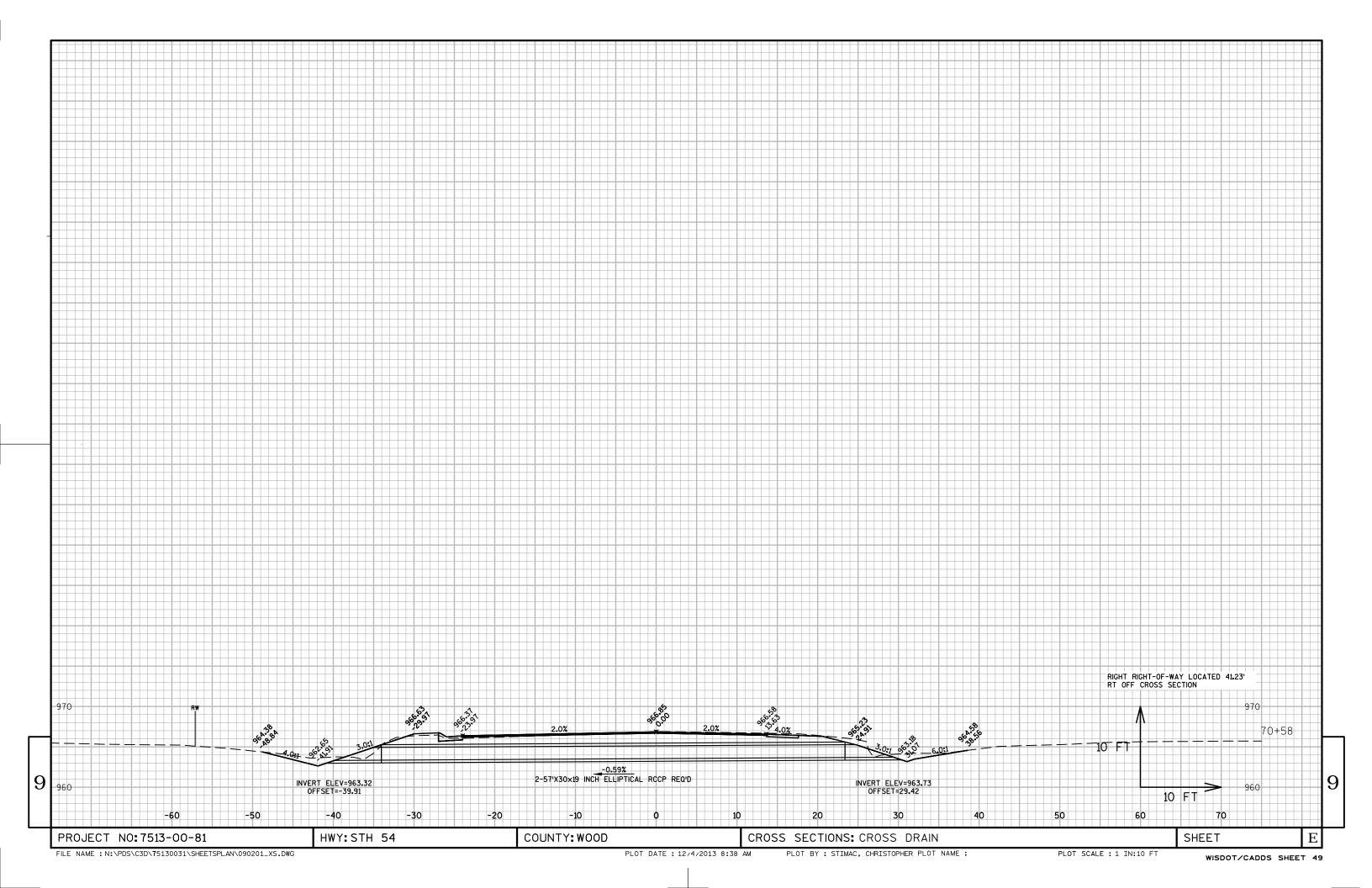
HWY:

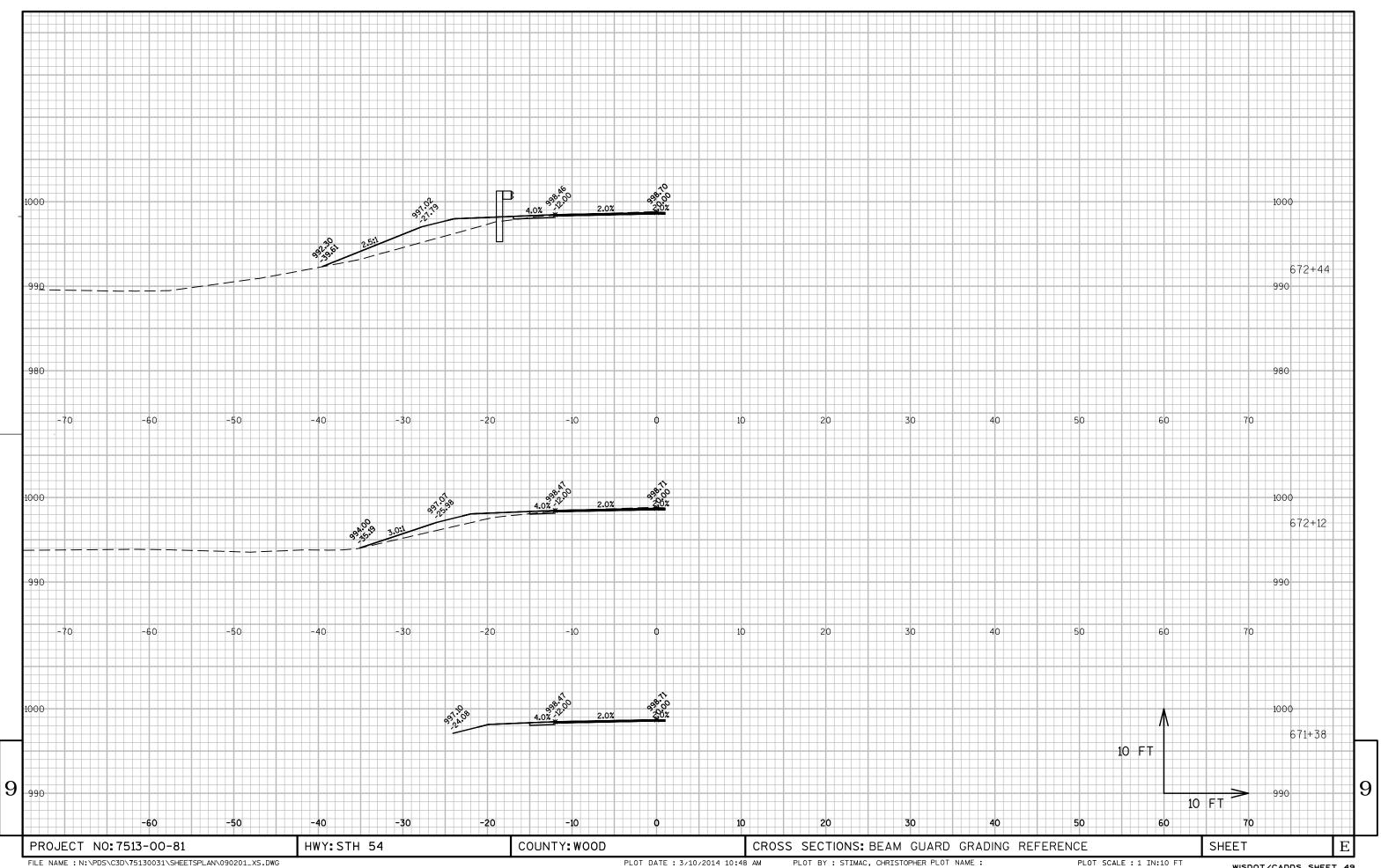
COUNTY:

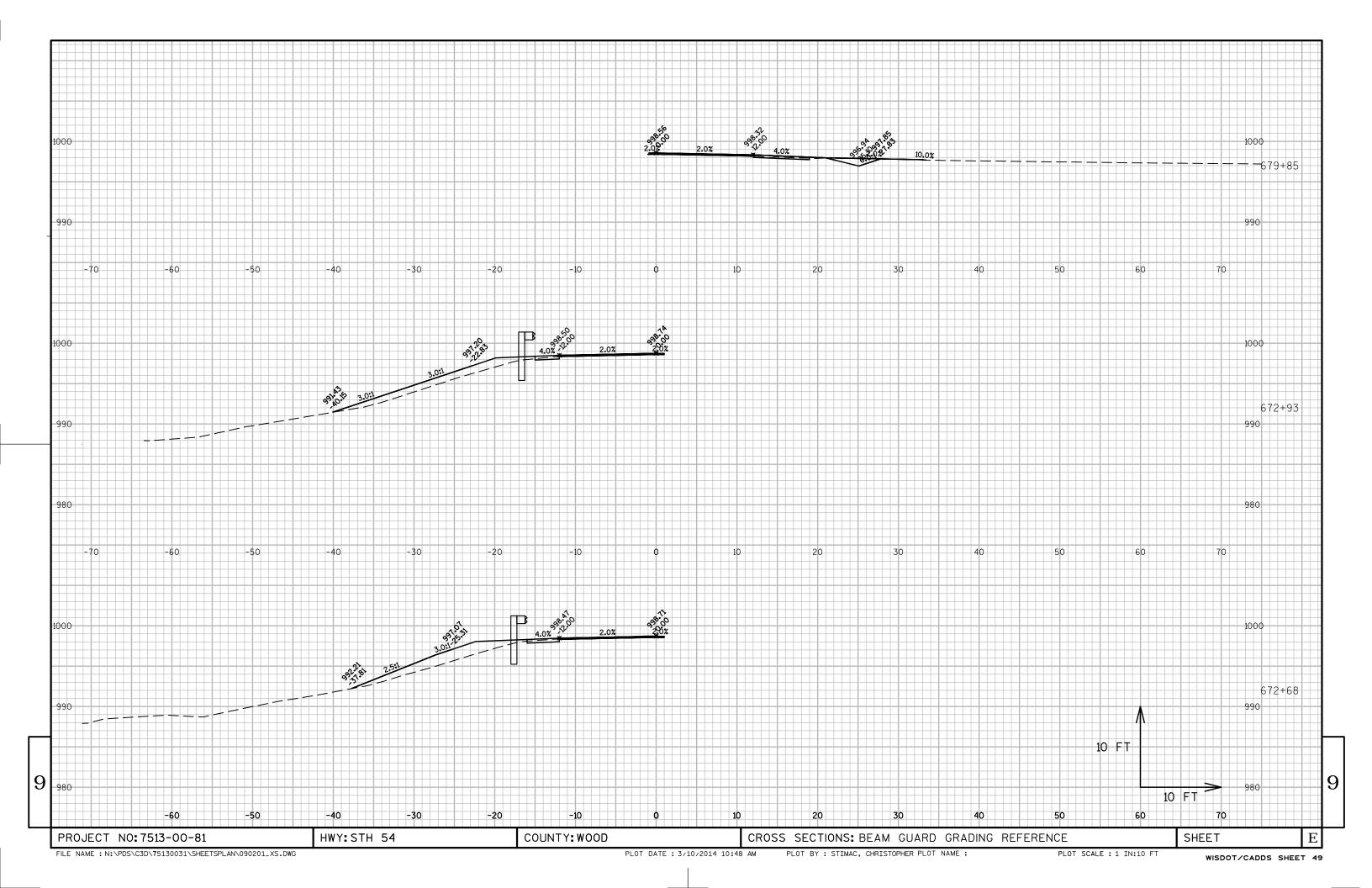
PLOT NAME :

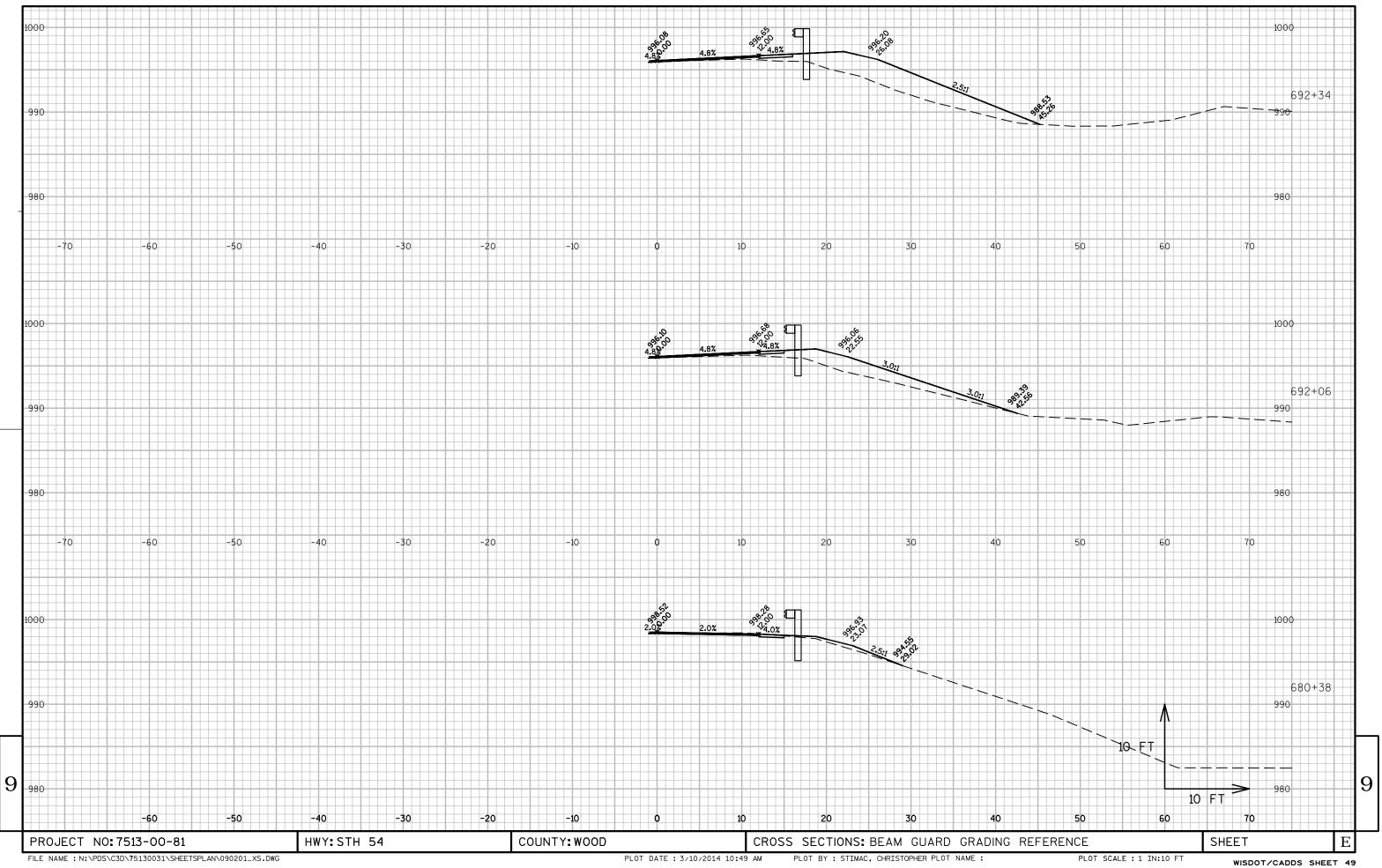
PLOT SCALE: 5.706180:1.000000

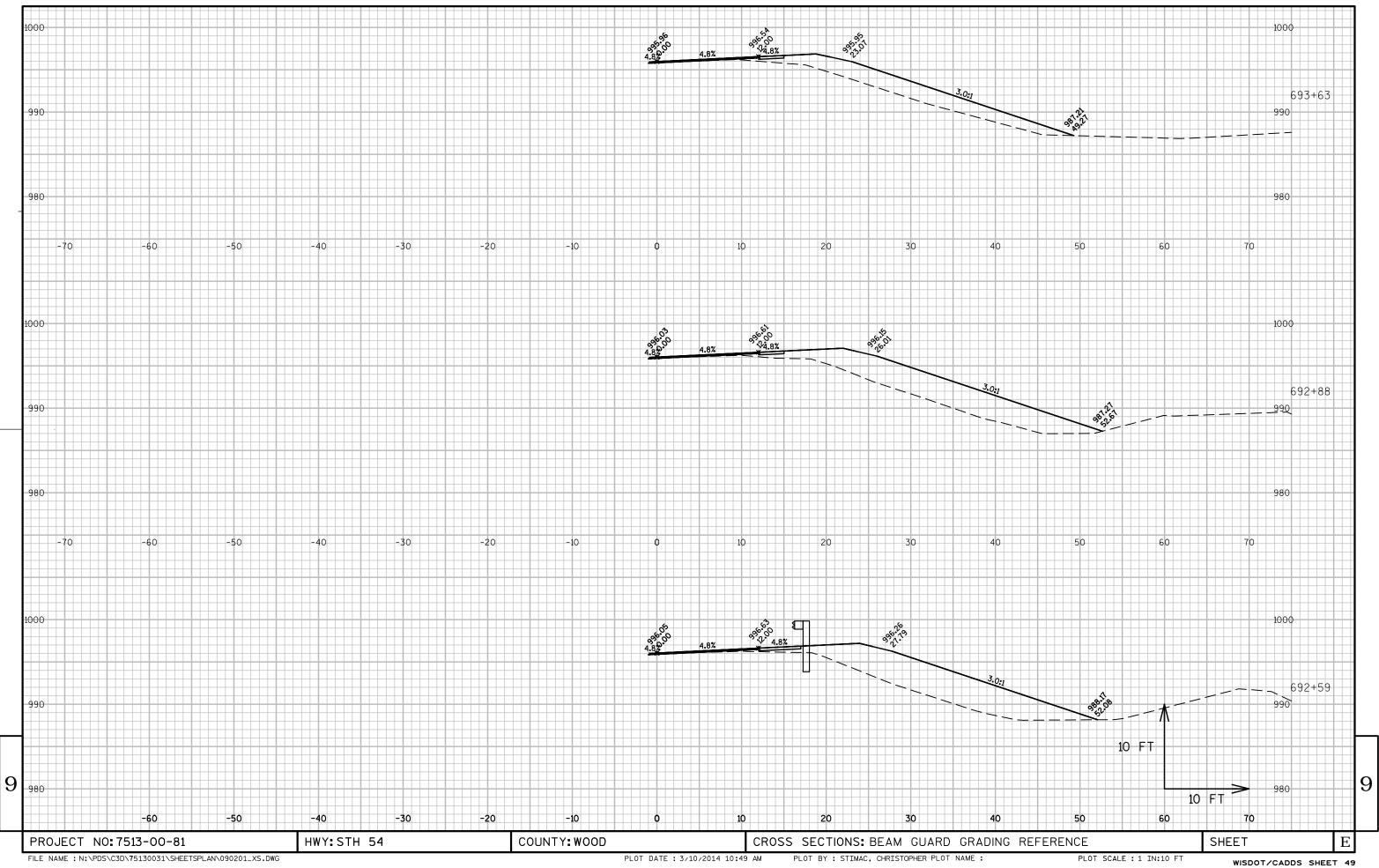


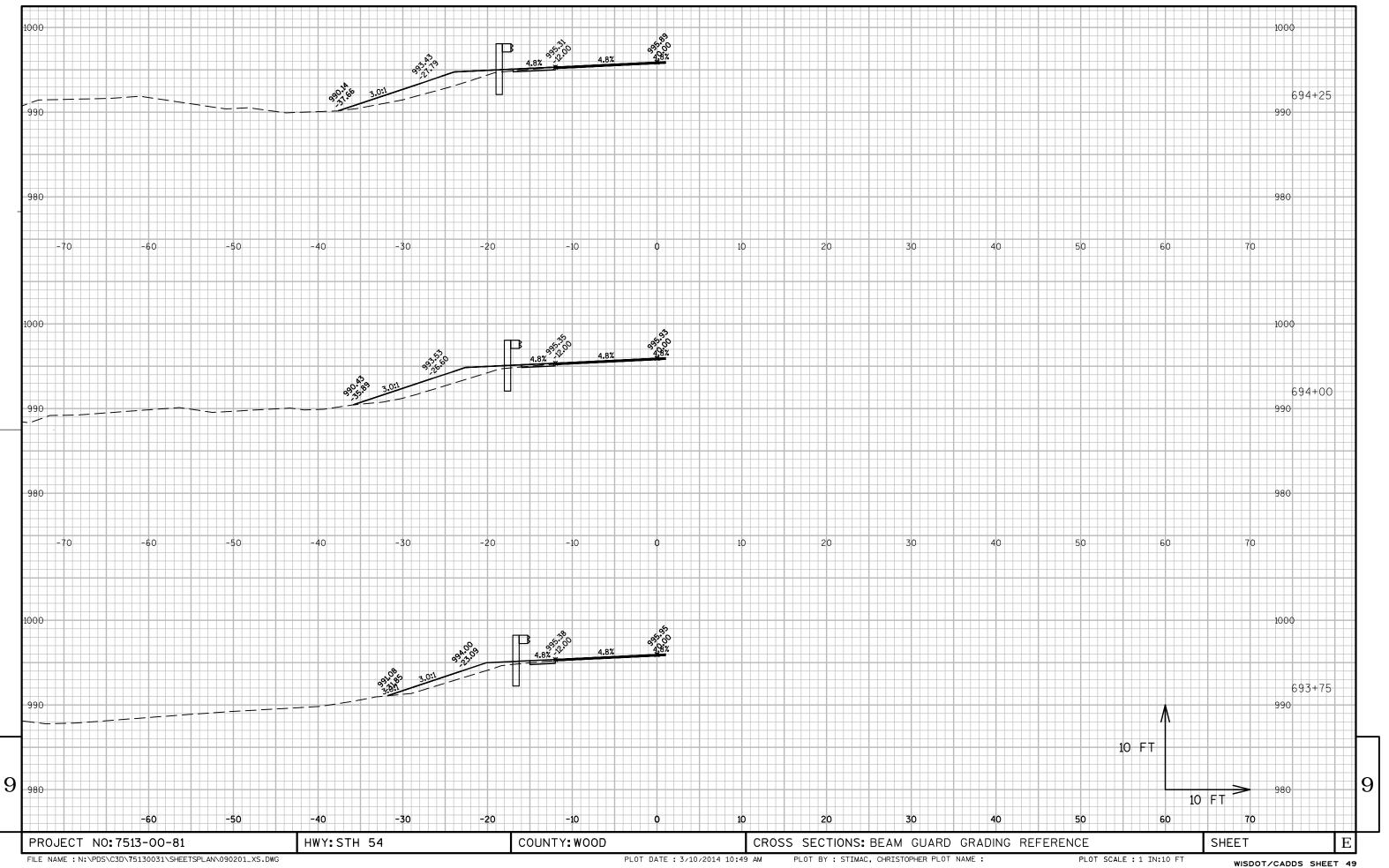


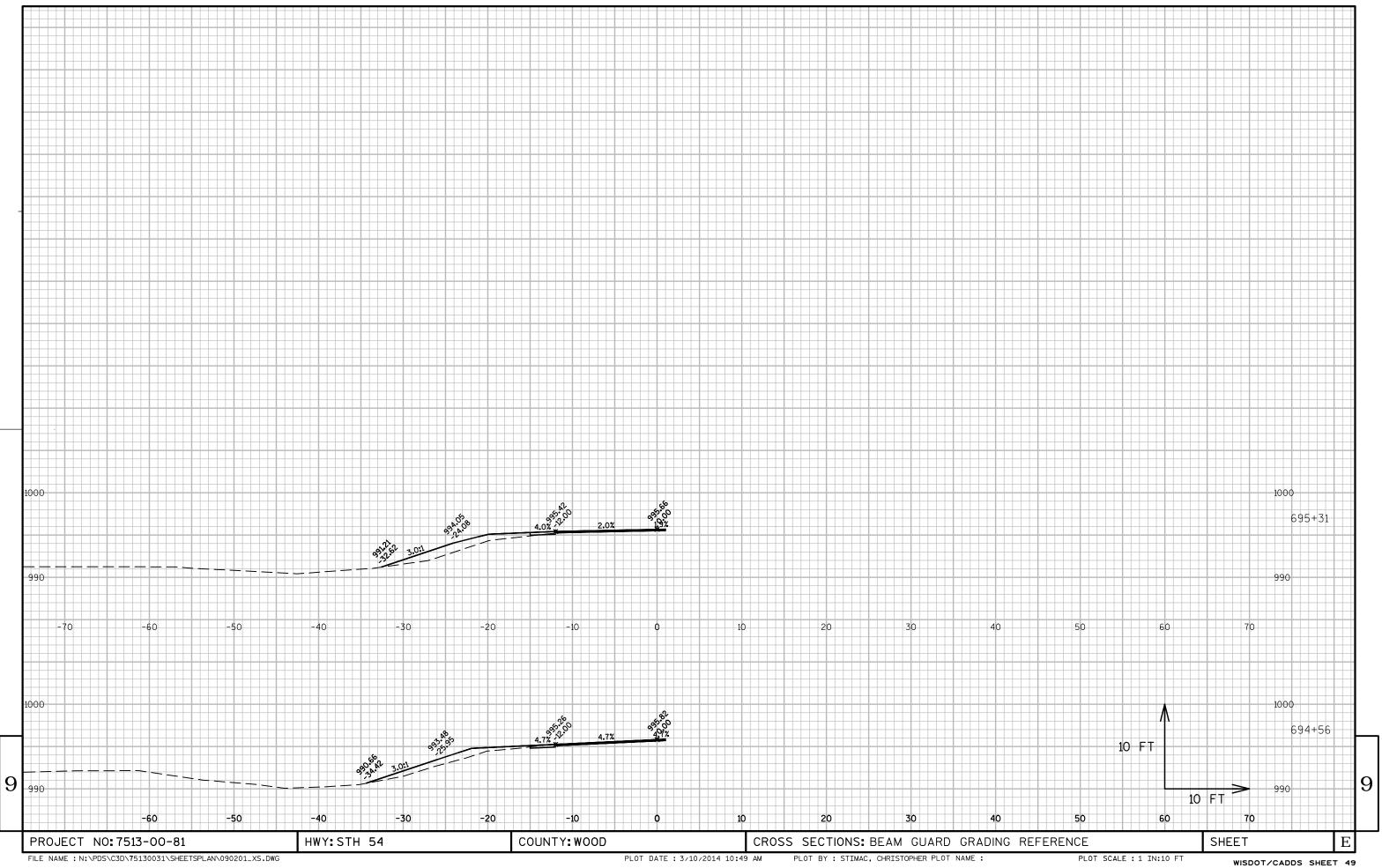












Notes



Wisconsin Department of Transportation

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