DECEMBER 2016 ORDER OF SHEETS

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

Plan Details

Standard Detail Drawings

Section No. 7 Sian Plates Section No. 9 Cross Sections

TOTAL SHEETS = 102

DESIGN DESIGNATION

A.A.D.T. 2017 A.A.D.T. 2037 = 1300 D.H.V. 2017 ≅ 180 D.D. = 25.0% DESIGN SPEED ≠ 60 MPH ESALS 598,600

CONVENTIONAL SYMBOLS

PLAN CORPORATE LIMITS PROPERTY LINE LIMITED HIGHWAY EASEMENT EXISTING RIGHT OF WAY PROPOSED OR NEW R/W LINE SLOPE INTERCEPT REFERENCE LINE EXISTING CULVERT PROPOSED CULVERT (Box or Pipe) COMBUSTIBLE FLUIDS

MARSH AREA WOODED OR SHRUB AREA

ORIGINAL GROUND MARSH OR ROCK PROFILE (To be noted as such) SPECIAL DITCH GRADE ELEVATION CULVERT (Profile View) UTILITIES ELECTRIC FIBER OPTIC SANITARY SEWER STORM SEWER TELEPHONE UTILITY PEDESTAL

POWER POLE

TELEPHONE POLE

PROFILE

GRADE LINE

STA. 607+65 Y = 360,331.92 X = 755.133.68

LABEL

Д

₫

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

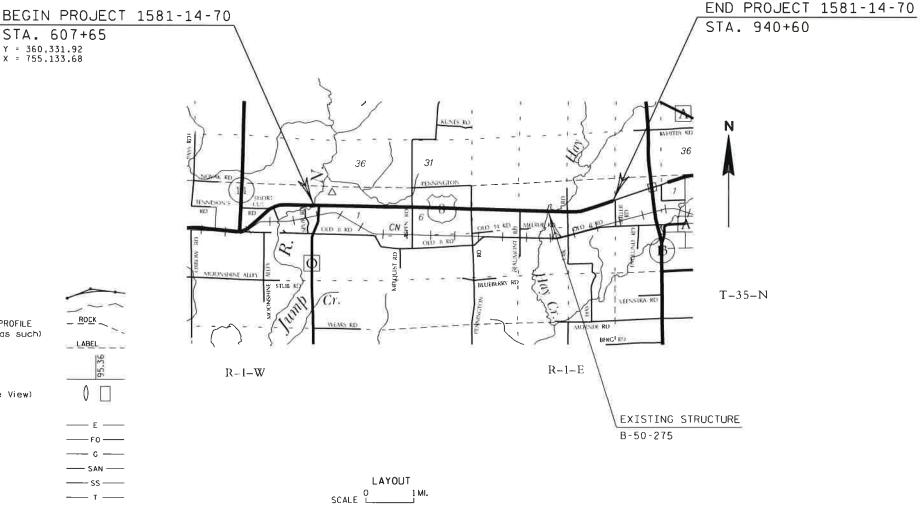
PLAN OF PROPOSED IMPROVEMENT

HAWKINS - PRENTICE

JUMP RIVER BRIDGE TO MILLER ROAD

USH 8 PRICE COUNTY

> STATE PROJECT NUMBER 1581-14-70



COORDINATES ON THIS PLAN ARE SCALED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), PRICE COUNTY, NAD 1983 (91)" ELEVATIONS ON THIS PLAN ARE REFERENCED TO THE NORTH

AMERICAN VERTICAL DATUM OF 1988 NAVD 88 (91)

DAAR NISCONSIA TAMMY S. TUCKER E-40780 WAUKESHA, TOSTONAL ENGINE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION PREPARED BY DAAR ENGINEERING Surveyor DAAR ENGINEERING Designer Project Manager Regional Examiner ROBIN STAFFORD

C.O. Examiner

APPROVED FOR THE DEPARTMEN

FEDERAL PROJECT

ORIGINAL PLANS PREPARED BY

CONTRACT

PROJECT

WISC 2016492

STATE PROJECT

1581-14-70

TOTAL NET LENGTH OF CENTERLINE = 6.306 MI.

GENERAL NOTES

UNLESS NOTED ON THE PLAN, ALL STATIONS AND OFFSETS ARE REFERENCED FROM USH 8 CL.

MAINTAIN THE EXISTING SUPERELEVATION RATES. EXISTING SUPERELEVATION TRANSITIONS WERE CONSTRUCTED WITH TWO THIRDS OF LENGTH OF RUNOFF ON THE TANGENT APPROACH AND ONE THIRD OF THE LENGTH ON THE CURVE.

WHEN THE PLAN QUANTITY OF THE ITEM ASPHALTIC PAVEMENT IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLAN IS APPROXIMATE & THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

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

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

ALL FIELD, PRIVATE, AND COMMERICAL ENTRANCES SHALL BE RESTORED IN KIND. LIMITS TO BE DETERMINED BY THE ENGINEER.

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

THE CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY THEIR OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

PAVEMENT LOCATION	TOTAL PAVEMENT THICKNESS	LAYERS	PAVEMENT TYPE
USH 8	4 "	1¾" UPPER	4 LT 58-28 S
00110	7	21/4" LOWER	3 LT 58-28 S



UTILITY CONTACTS

XCEL ENERGY - ELECTRIC TRANSMISSION DAWN SCHULTZ 1414 W. HAMILTON AVE. P.O. BOX 8 EAU CLAIRE, WI 54702-0008 DAWN.SCHULTZ@XCELENERGY.COM

PRICE ELECTRIC COOPERATIVE INC - ELECTRICITY BEN ORYSEN P.O. BOX 110 PHILLIPS, WI 54555 PHONE (800) 884-0881

PRICE COUNTY TELEPHONE COMPANY -COMMUNICATION LINE JOHN MESS P.O. BOX 108 PHILLIPS, WI 54555 PHONE (715) 339-2151

WDNR CONTACT

WISCONSIN DNR MR. SHAWN HASELEU 810 W. MAPLE STREET SPOONER, WI 54801 OFFICE (715) 635-4228 Shawn.Haseleu@wisconsin.gov

ORDER OF DETAIL SHEETS

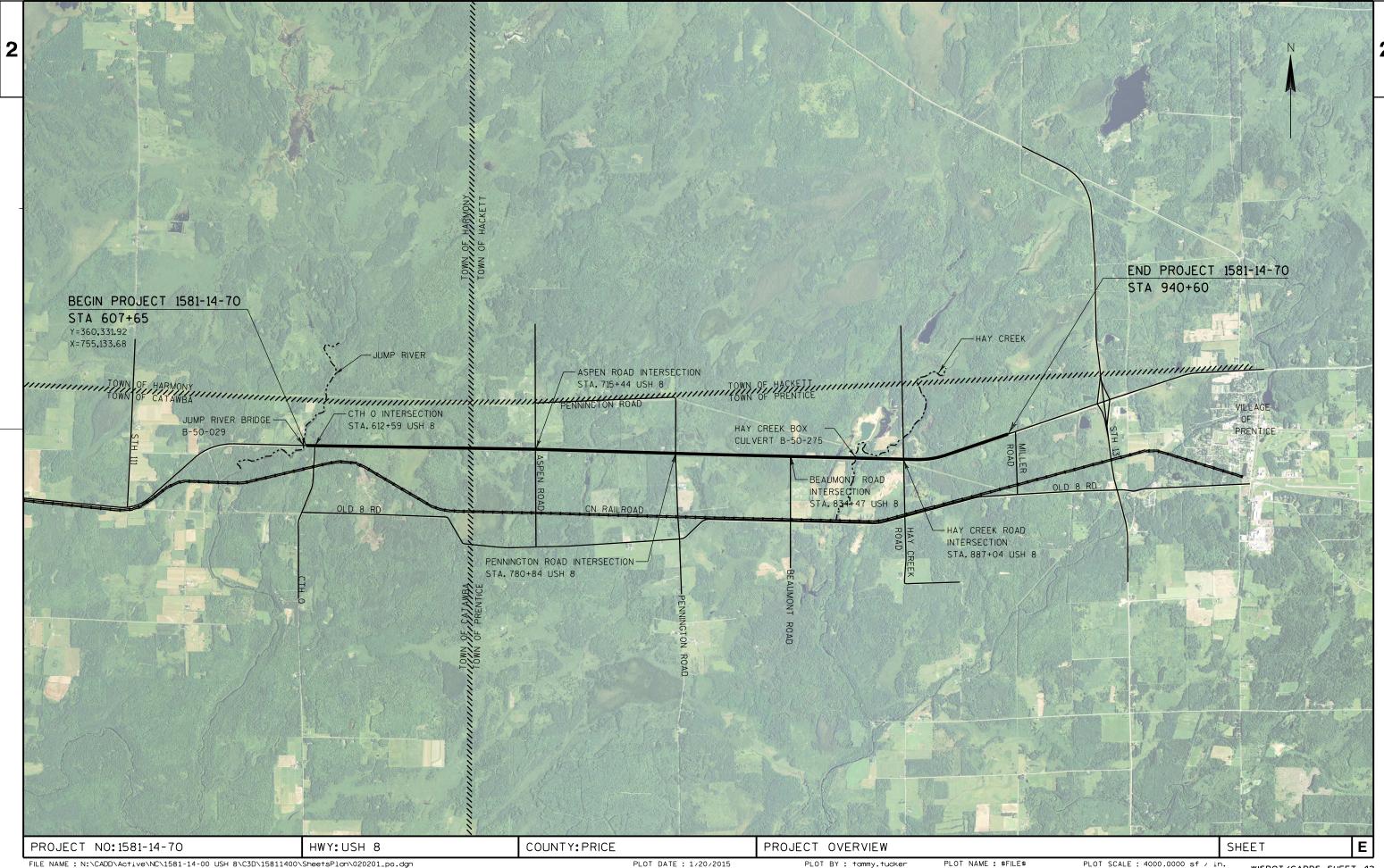
GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS (EXISTING AND FINISHED)
CONSTRUCTION DETAILS
INTERSECTION DETAILS
EXISTING SIGNING
PERMANENT SIGNING/PAVEMENT MARKING
PLAN DETAILS
CROSS SECTIONS

PAVEMENT BORING LOG

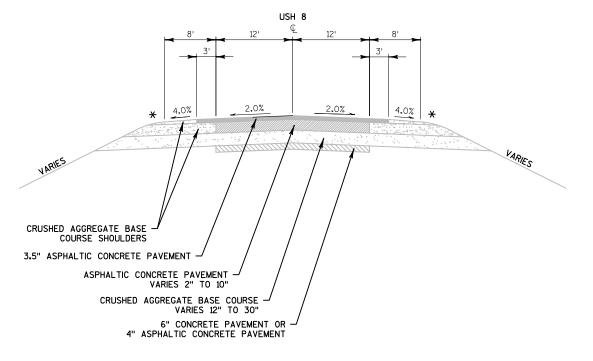
NUMBER	STATION "APPROXIMATE"	OFFSET	PAVEMENT	UNDERLYING MATERIAL
1	STA. 612+60	10.0' RT	12.5" HMA	CABC
2	STA. 629+50	8.5' LT	6.5" HMA	CABC
3	STA. 645+80	5.5' RT	8.0" HMA	CABC
4	STA. 662+00	8.0' LT	7.0" HMA	CABC
5	STA. 678+10	5.0' RT	7.75" HMA	CABC
6	STA. 694+40	7.5' LT	13.25" HMA	CABC
7	STA. 711+20	6.0' RT	12.25" HMA	CABC
8	STA. 728+10	8.0' LT	10.0" HMA	CABC
9	STA. 744+50	6.0' RT	12.0" HMA	CABC
10	STA. 761+10	7.0' LT	11.0" HMA	CABC
11	STA. 777+80	5.0' RT	11.0" HMA	CABC
12	STA. 794+10	7.0' LT	9.5" HMA	CABC
13	STA. 809+40	5.0' RT	12.75" HMA	CABC
14	STA. 825+00	6.0' LT	9.5" HMA	CABC
15	STA. 840+30	5.5' RT	10.25" HMA	CABC
16	STA. 856+00	5.0' LT	5.75" HMA	CABC
17	STA. 872+00	5.0' RT	4.25" HMA	CABC
18	STA. 887+00	6.9' LT	5.5" HMA	CABC
19	STA. 902+40	5.0' RT	5.75" HMA	CABC
20	STA. 917+80	5.5' LT	5.0" HMA	CABC
21	STA. 933+30	7.0' RT	4.75" HMA	CABC

PROJECT NO: 1581-14-70 HWY: USH 8 COUNTY: PRICE GENERAL NOTES AND UTILITY CONTACTS SHEET: E

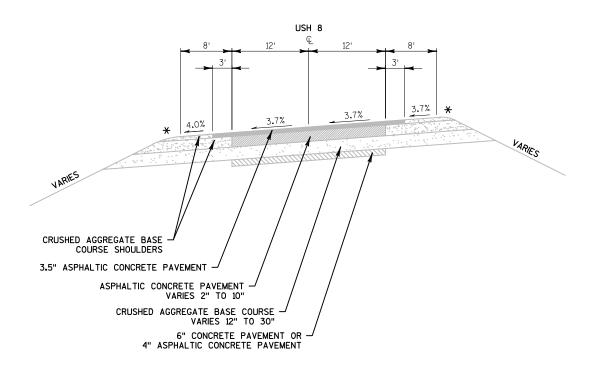
FILE NAME : ______ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT NAME : _____ PLOT SCALE : 1:1







TYPICAL EXISTING SECTION USH 8 TANGENT SECTION



*EXCESS SHOULDER WIDTH DUE TO MAINTENANCE OPERATIONS.

NOTE: UNDERDRAIN OUTFALLS DRAINING THE EXISTING PAVEMENT STRUCTURE ARE LOCATED THROUGHOUT THE PROJECT LIMITS AS STATED IN THE MISCELLANEOUS QUANTITIES.

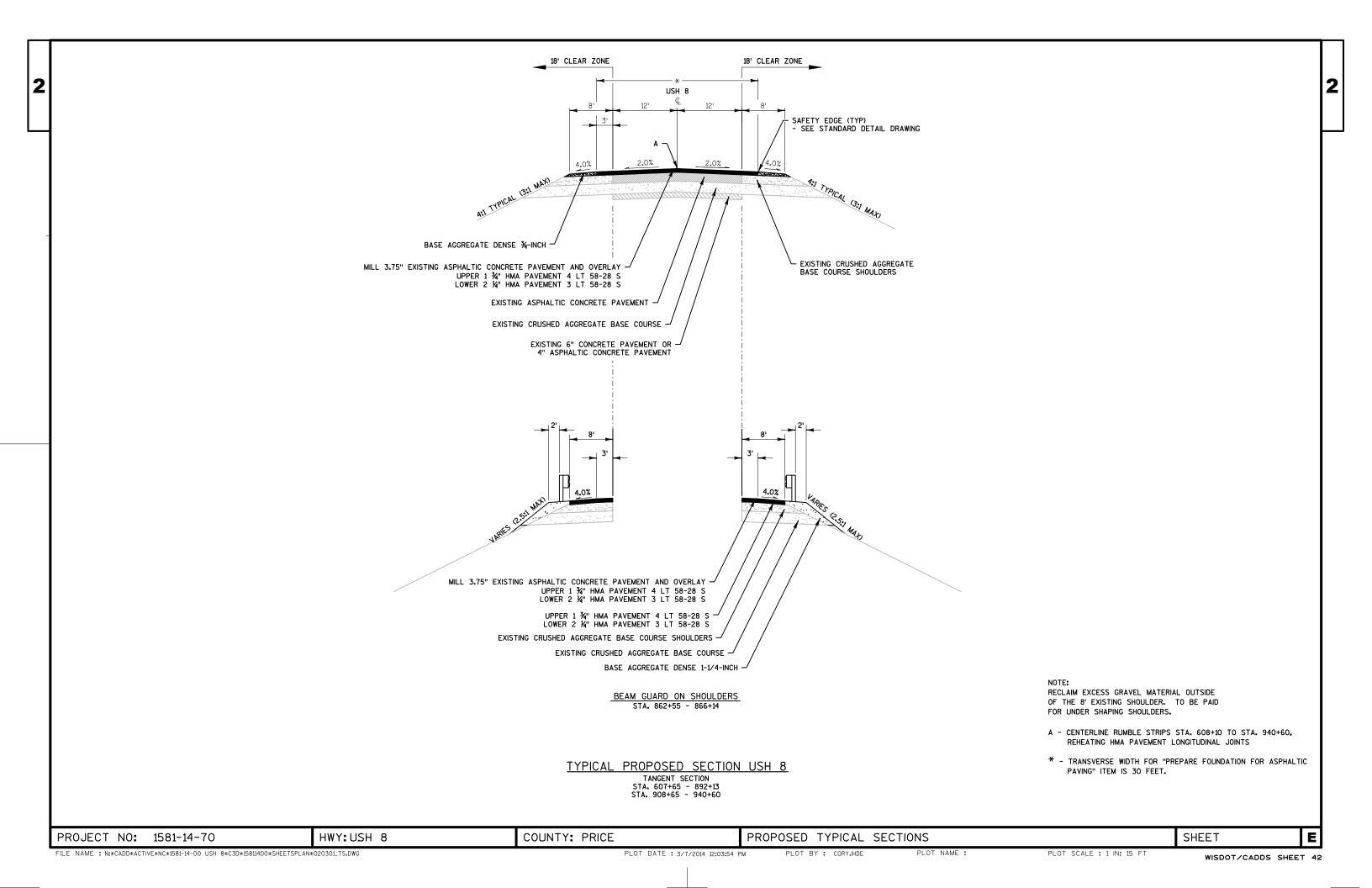
TYPICAL EXISTING SECTION USH 8

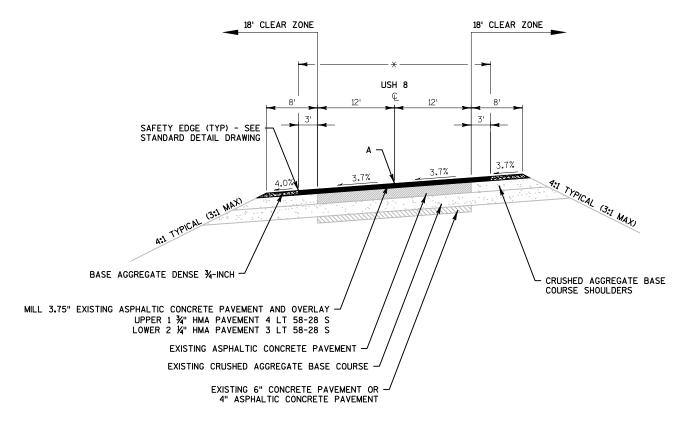
SUPER ELEVATED SECTION

PROJECT NO: 1581-14-70 HWY: USH 8 COUNTY: PRICE EXISTING TYPICAL SECTIONS

WISDOT/CADDS SHEET 42

SHEET





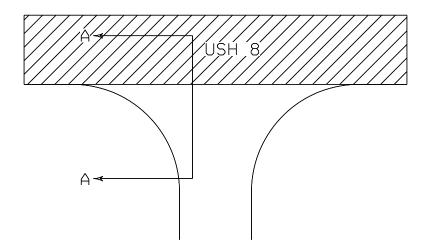
TYPICAL PROPOSED SECTION USH 8

SUPER ELEVATED SECTION
(EXISTING SUPERELEVATION TO REMAIN)
STA. 892+13 - 908+65

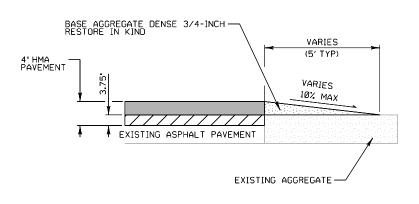
RECLAIM EXCESS GRAVEL MATERIAL OUTSIDE OF THE 8' EXISTING SHOULDER. TO BE PAID FOR UNDER SHAPING SHOULDERS.

- A CENTERLINE RUMBLE STRIPS STA. 608+10 TO STA. 940+60, REHEATING HMA PAVEMENT LONGITUDINAL JOINTS
- * TRANSVERSE WIDTH FOR "PREPARE FOUNDATION FOR ASPHALTIC PAVING" ITEM IS 30 FEET.

COUNTY: PRICE PROJECT NO: 1581-14-70 HWY: USH 8 PROPOSED TYPICAL SECTIONS SHEET PLOT BY : CORY, IHDE

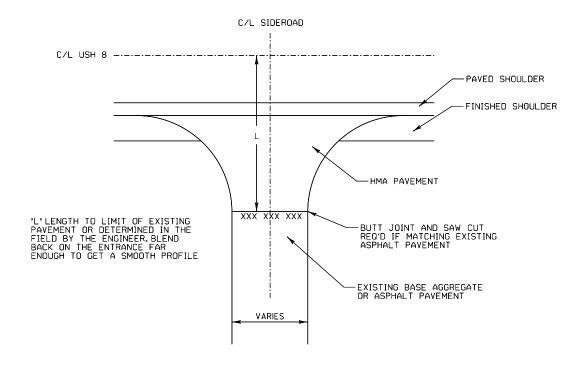


REMOVING ASPHALTIC SURFACE MILLING



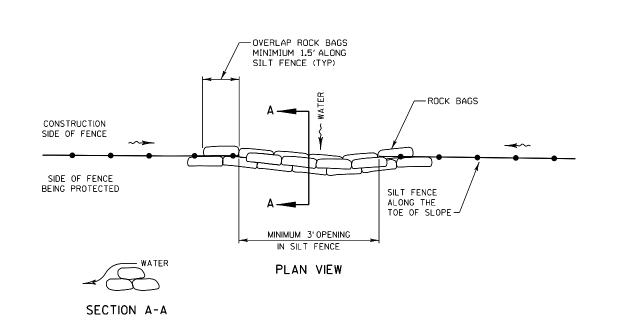
BASE AGGREGATE DENSE ENTRANCE DETAIL

SECTION A-A



INTERSECTION DETAIL

CTH O ASPEN RD PENNINGTON RD BEAUMONT RD HAY CREEK RD



SILT FENCE DRAINAGE OUTLET, ROCK BAGS

PROJECT NO: 1581-14-70 HWY: USH 8 COUNTY: PRICE

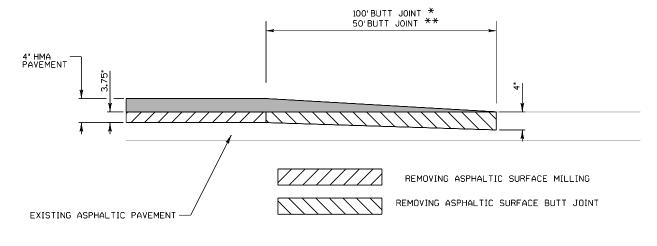
CONSTRUCTION DETAILS

SHEET

PLOT SCALE: 2.0000 ' / in.

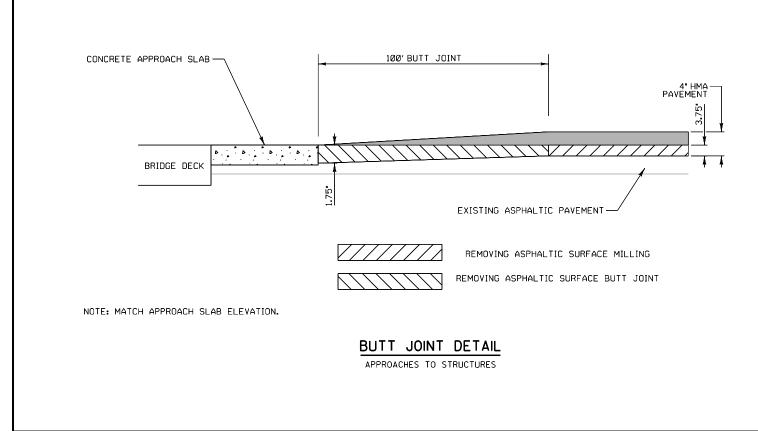
E

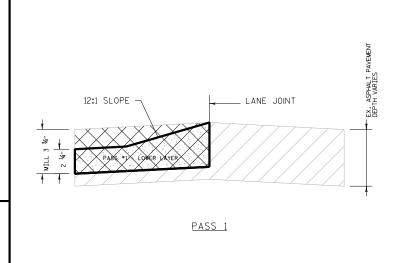


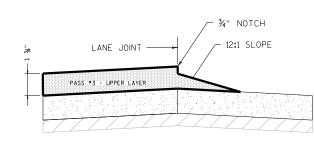


BUTT JOINT DETAIL

* MAINLINE ** SIDE ROADS







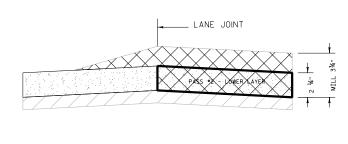
-EXISTING ASPHALTIC CONCRETE PAVEMENT

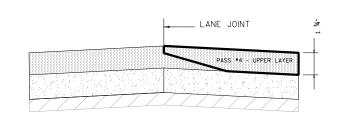
-1 ¾" HMA PAVEMENT 4 LT 58-28 S

-2 ¼" HMA PAVEMENT 3 LT 58-28 S

-REMOVING ASPHALTIC SURFACE MILLING

LEGEND:





PASS 3

PASS 2

PASS 4

TYPICAL PAVEMENT CROSS SECTIONS OF LONGITUDINAL JOINTS

PROJECT NO: 1581-14-70

COUNTY: PRICE HWY: USH 8

CONSTRUCTION DETAILS

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

PLOT SCALE: 2.0000 ' / in.

WISDOT/CADDS SHEET 42

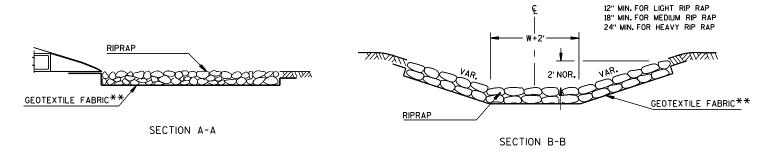
E

SHEET

DETAIL OF RIPRAP DITCH

m≪ RIPRAP STANDARD APRON ENDWALL

- * L = 3 TIMES DIAMETER (NOR.) OR 10' MIN. OR AS DIRECTED BY THE ENGINEER
- ** USE GEOTEXTILE FABRIC TYPE R FOR LIGHT RIPRAP, USE GEOTEXTILE FABRIC TYPE HR FOR MEDIUM RIPRAP



RIPRAP AND GEOTEXTILE FABRIC DETAIL AT APRON ENDWALLS

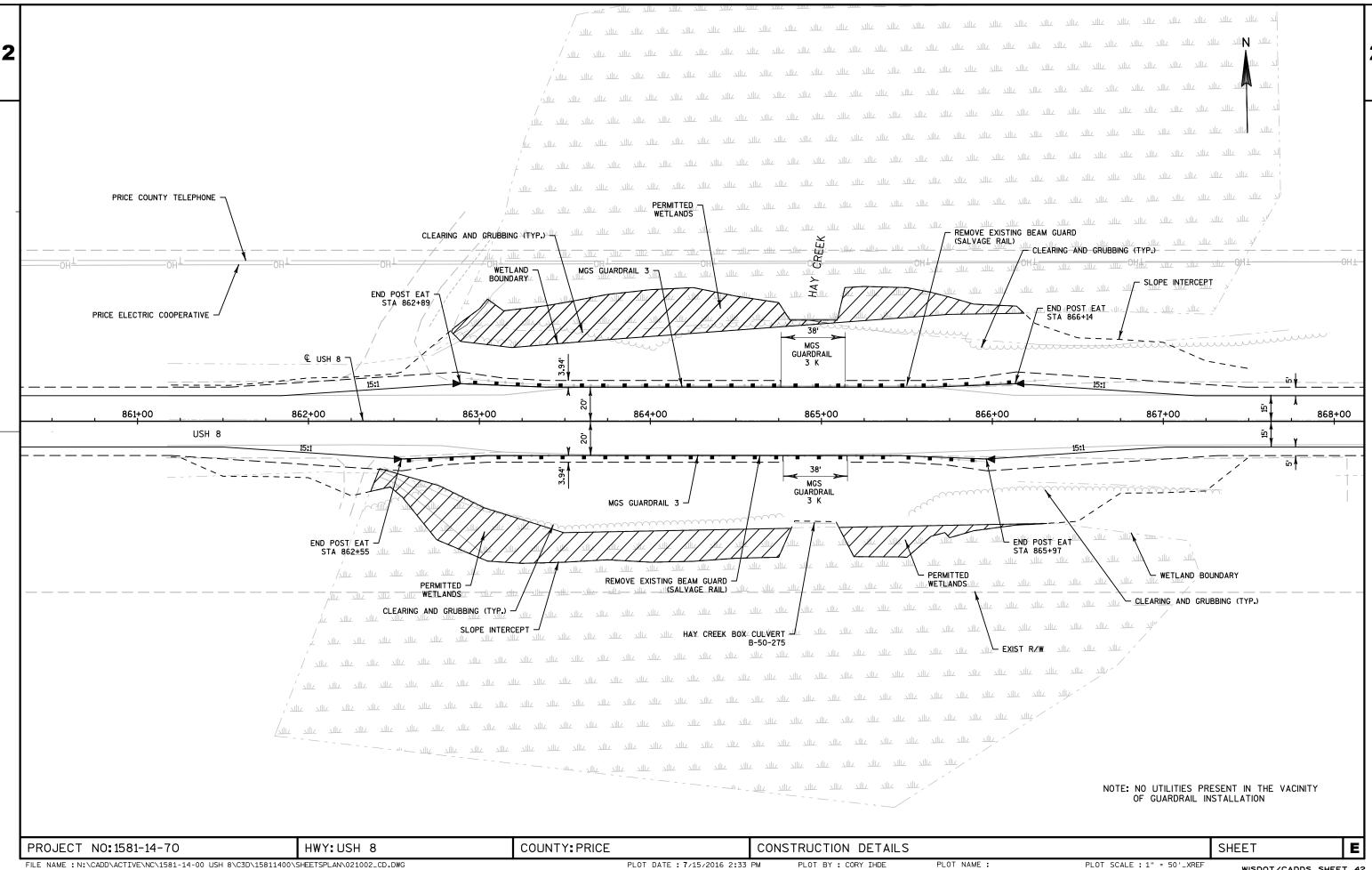
HWY: USH 8

SL	PERELEVATION T	ABLE	
	STAITON	LEFT LANE	RIGHT LANE
END NORMAL CROWN	892+13	-2.00%	-2.00%
END RUNOUT	892+90	-2.00%	0.00%
REVERSE CROWN	893+67	-2.00%	2.00%
BEGIN FULL SUPER	984+32	-3.70%	3.70%
END FULL SUPER	906+46	-3.70%	3.70%
REVERSE CROWN	907+11	-2.00%	2.00%
BEGIN RUNOUT	907+88	-2.00%	0.00%
BEGIN NORMAL CROWN	908+65	-2.00%	-2.00%

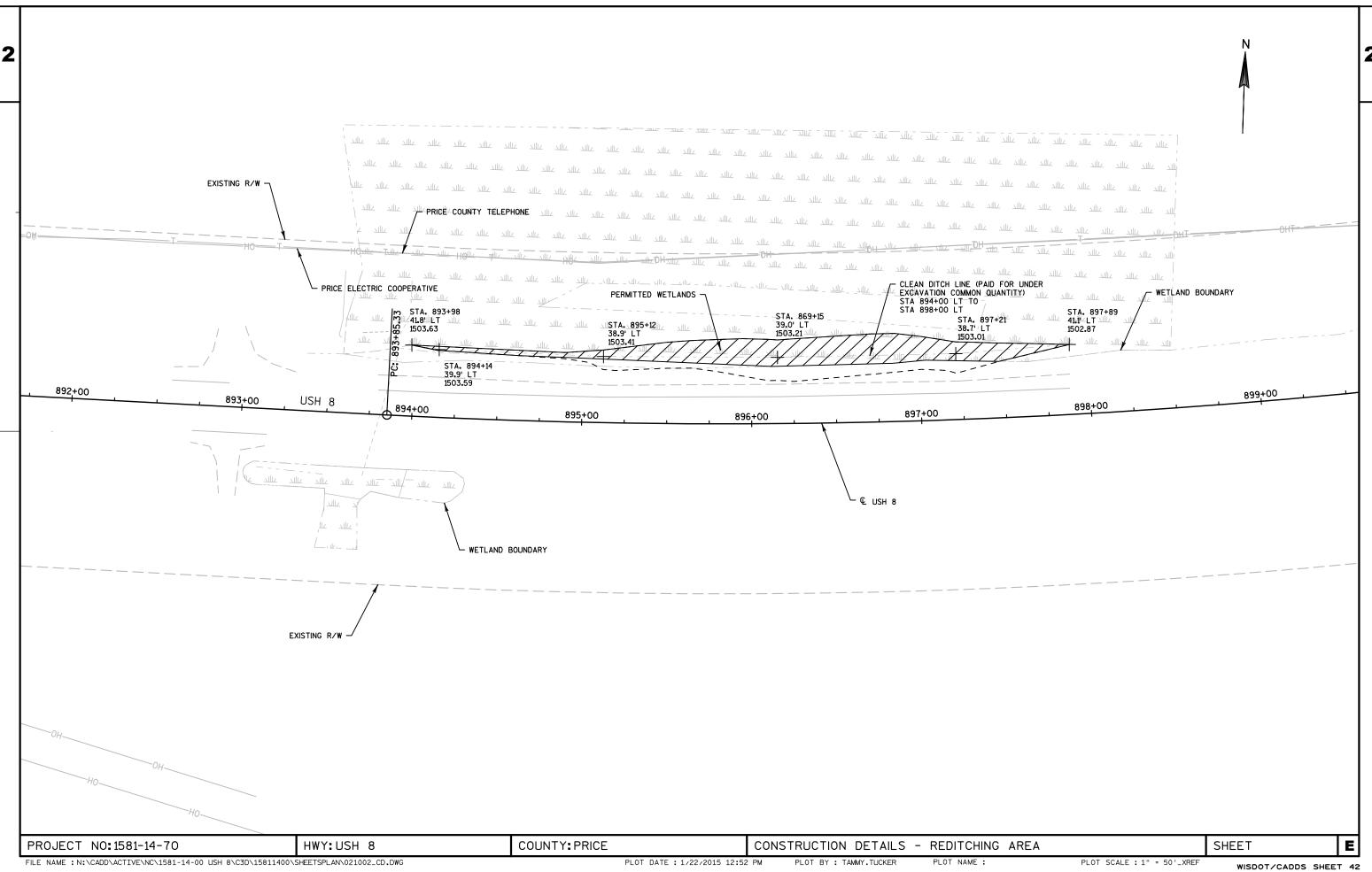
E CONSTRUCTION DETAILS SHEET

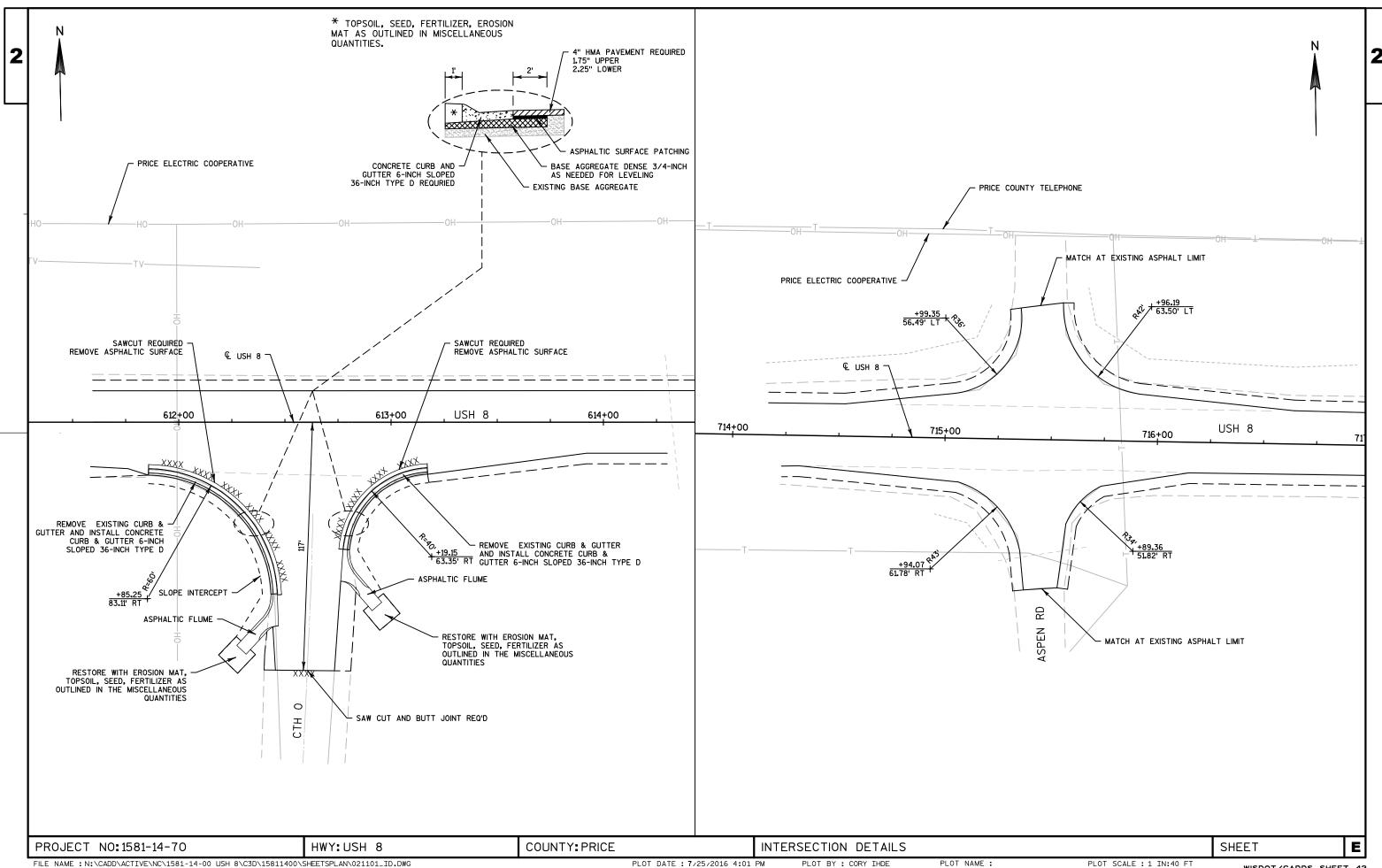
PROJECT NO: 1581-14-70

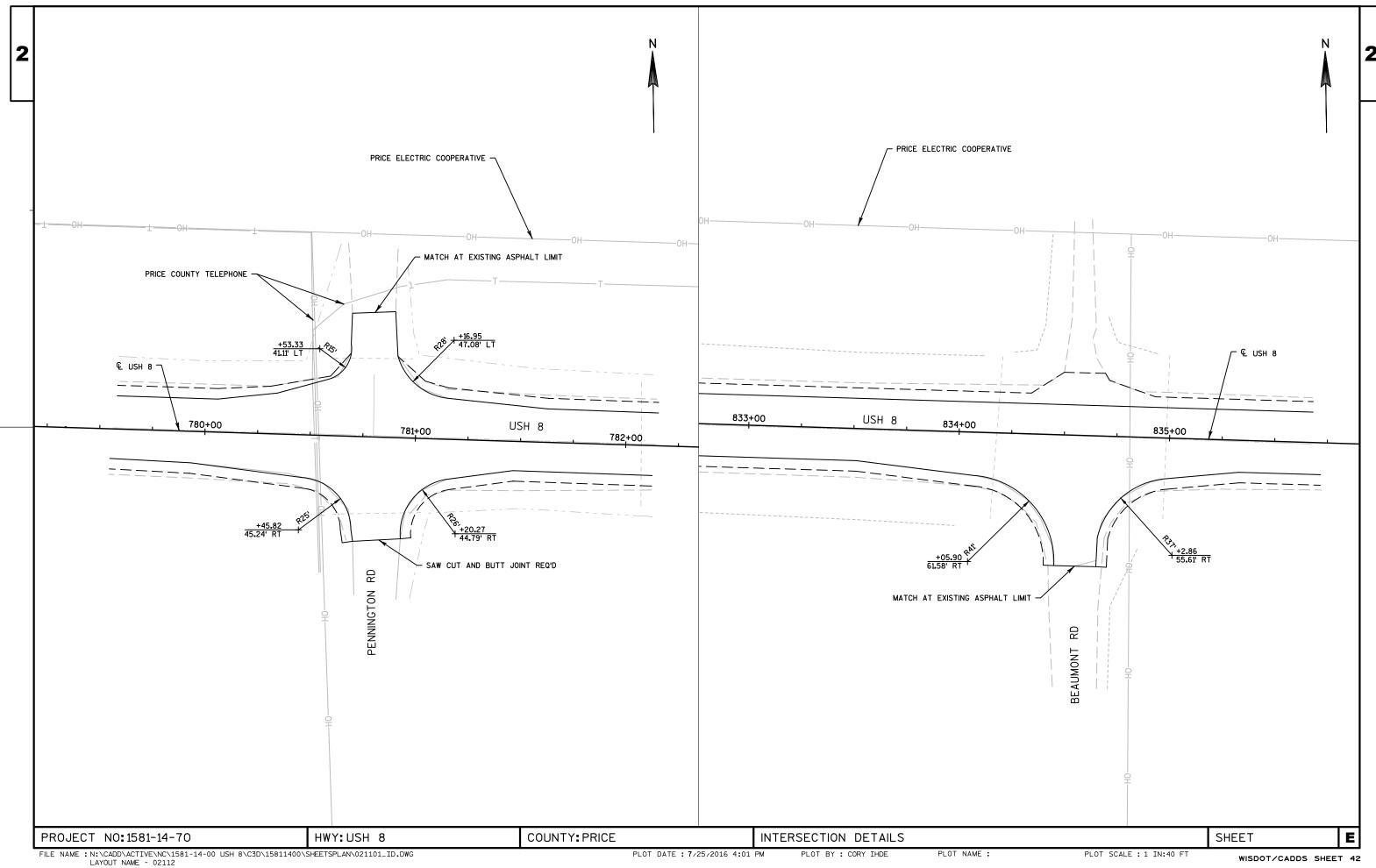
COUNTY: PRICE

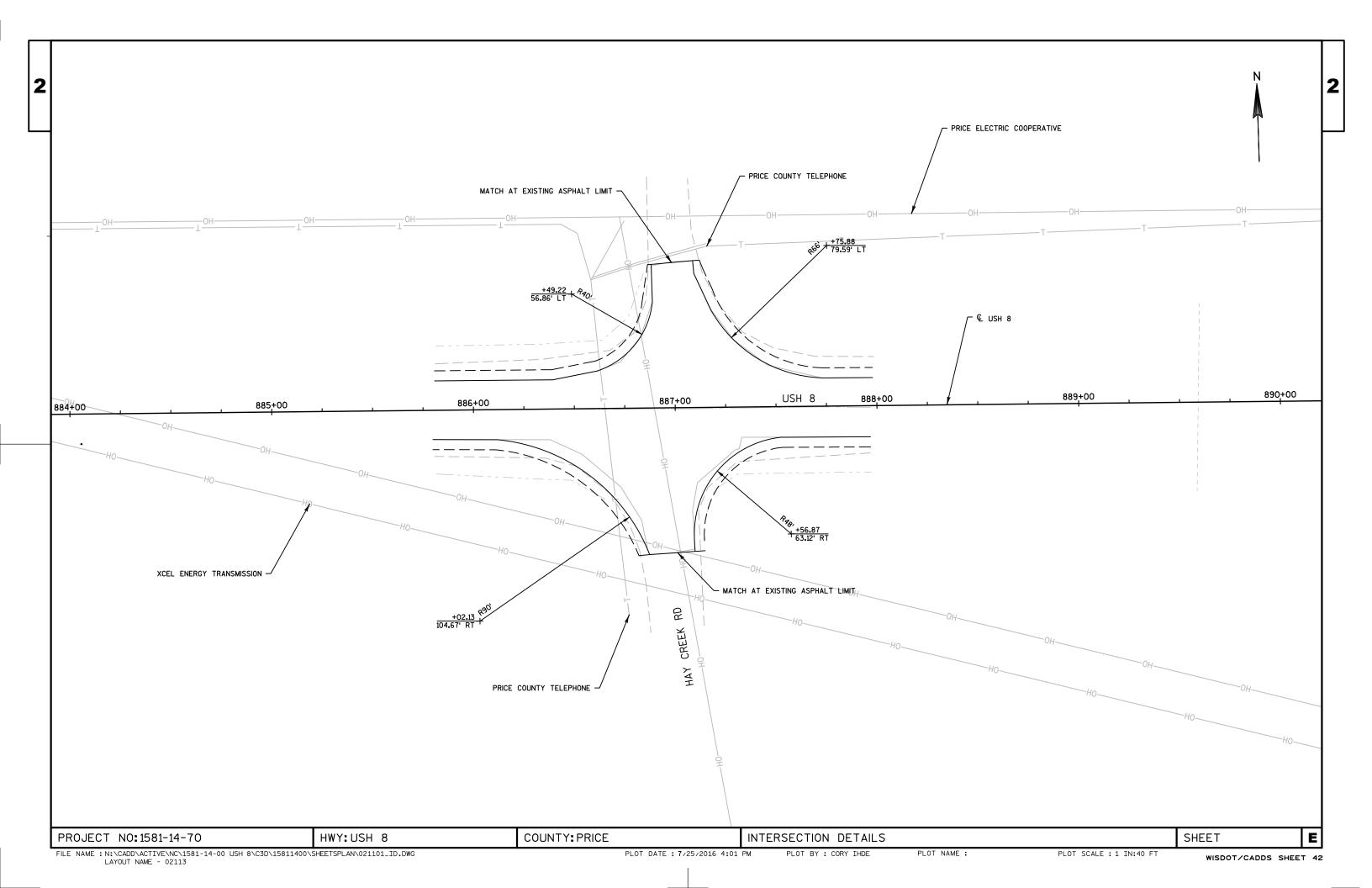


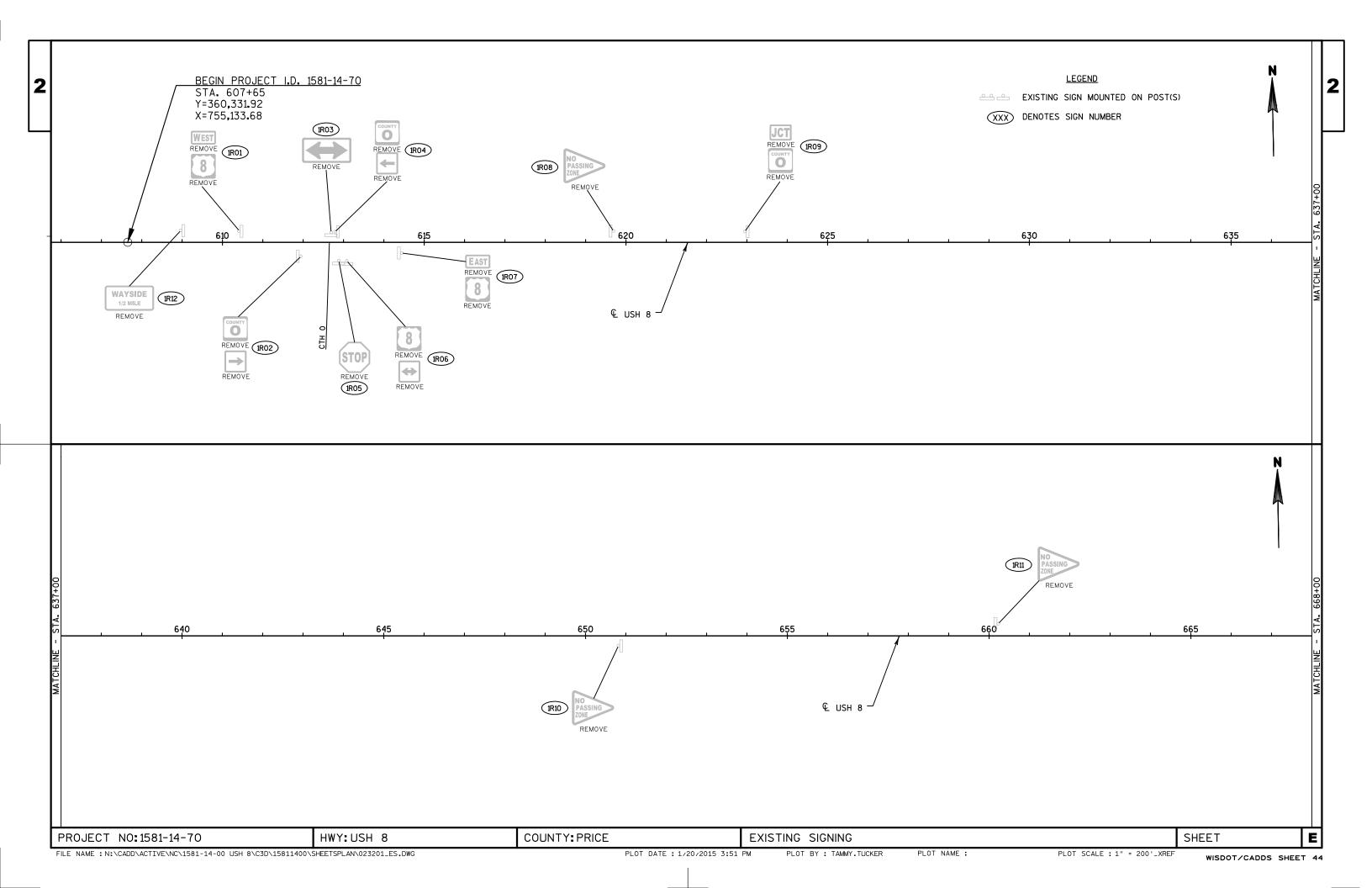
WISDOT/CADDS SHEET 42

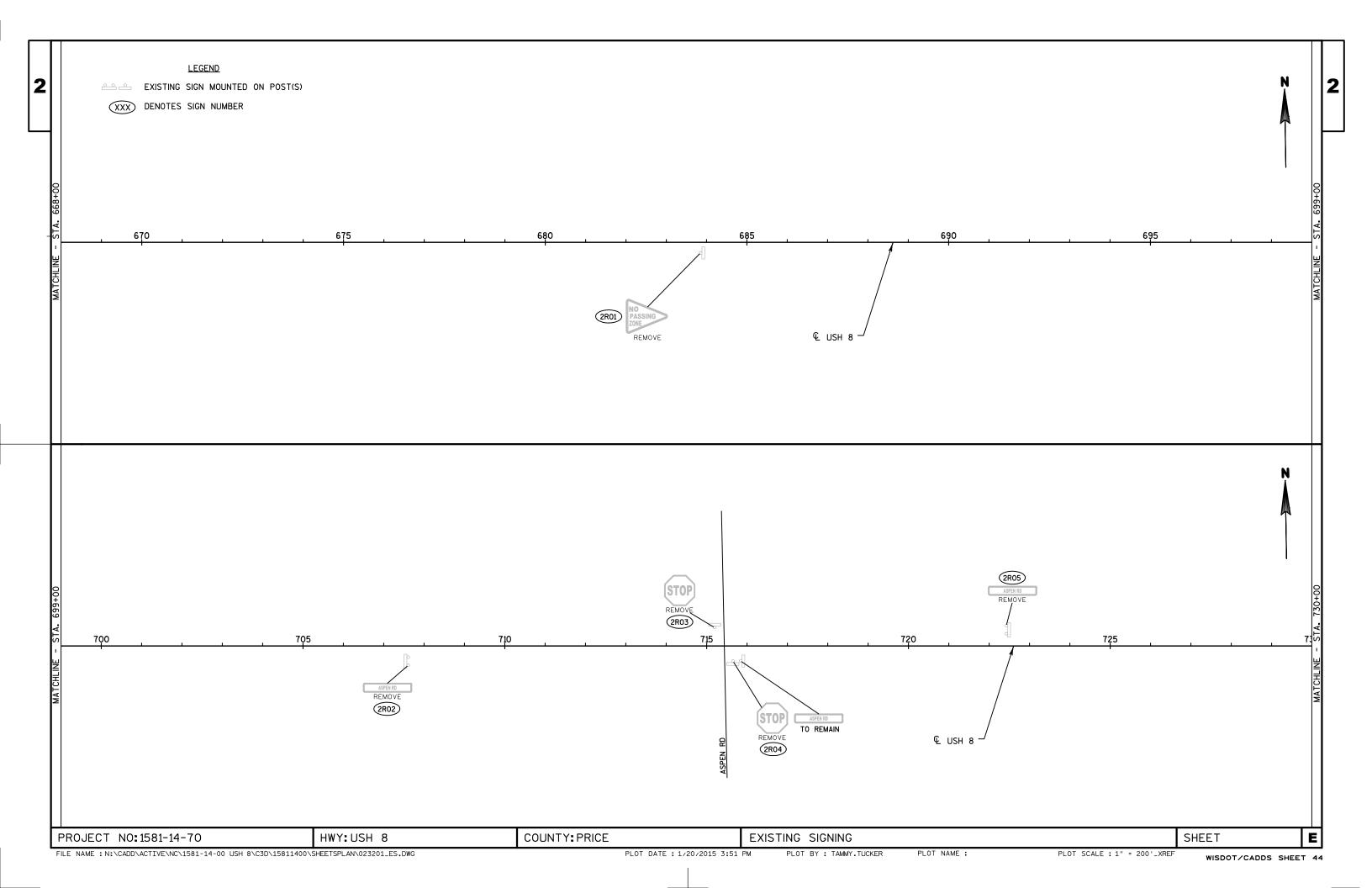


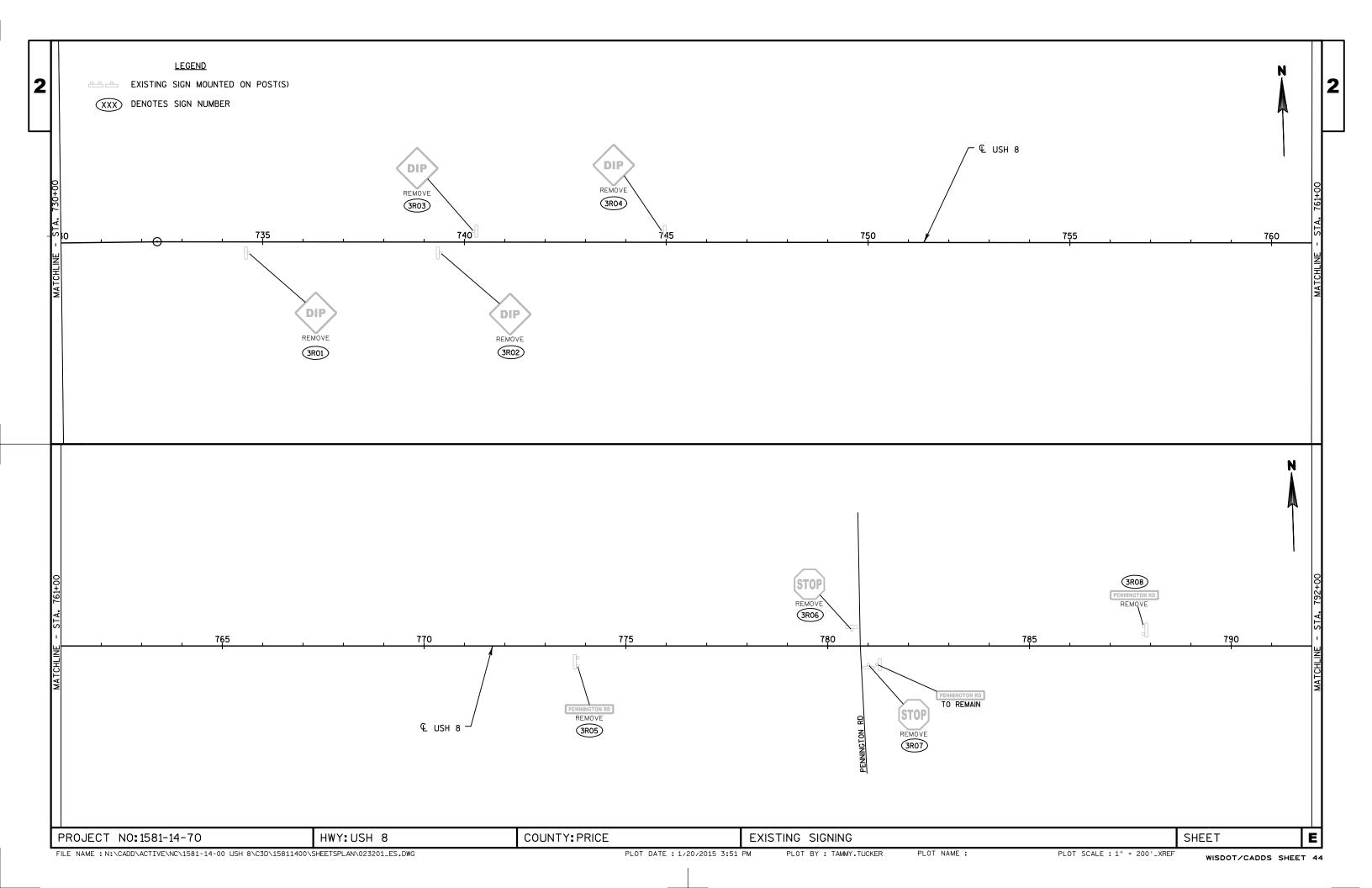


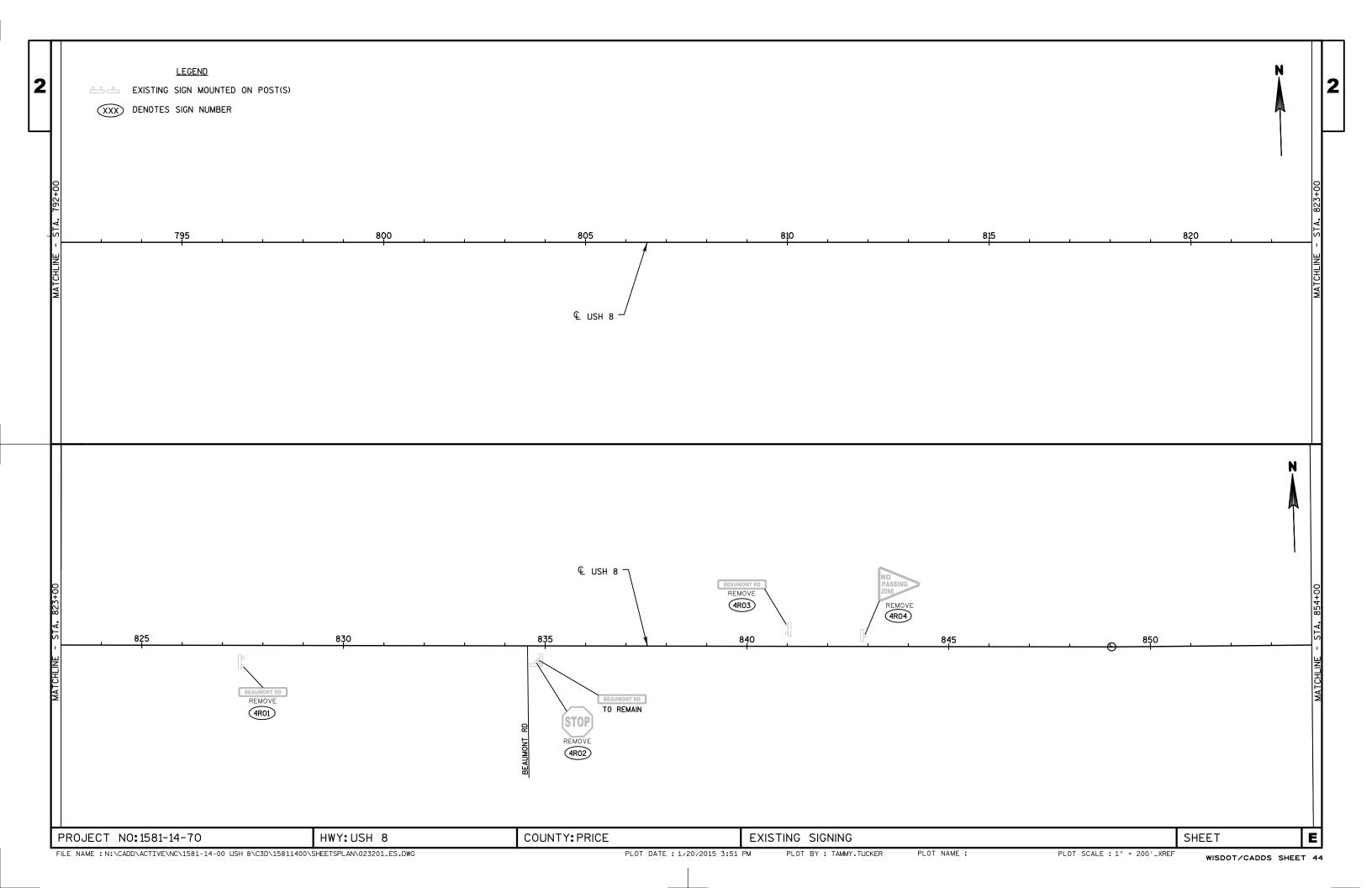


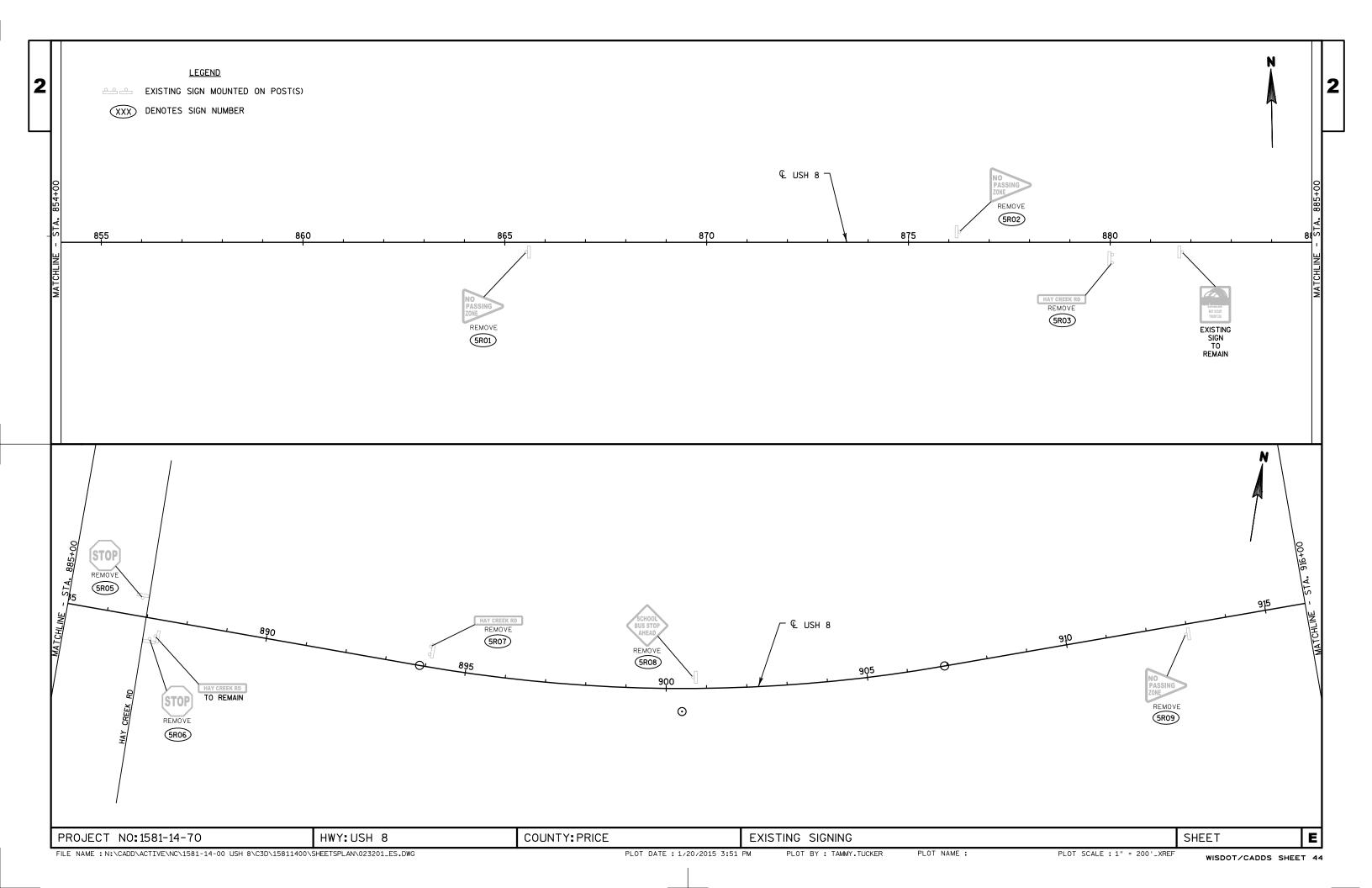


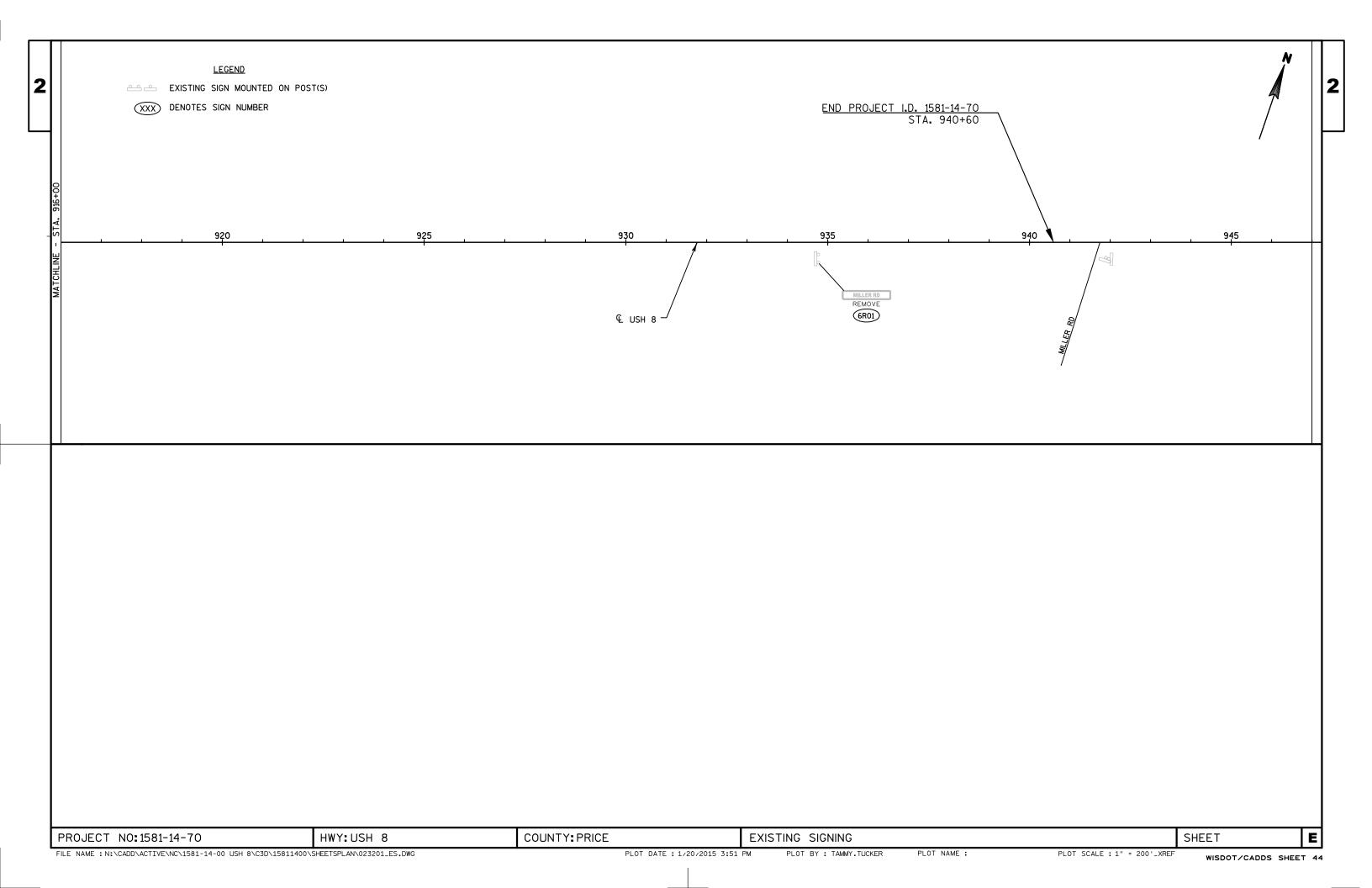


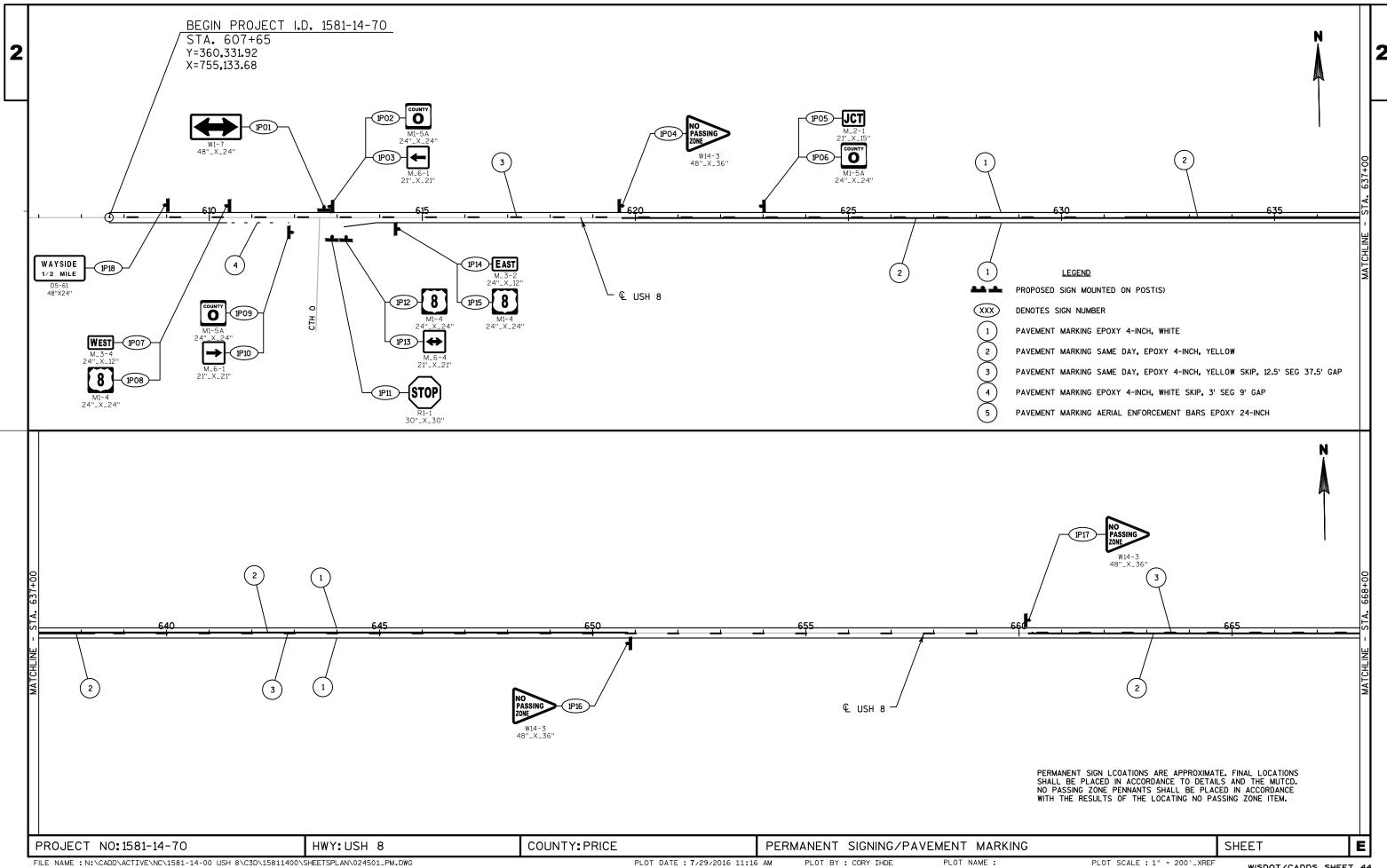




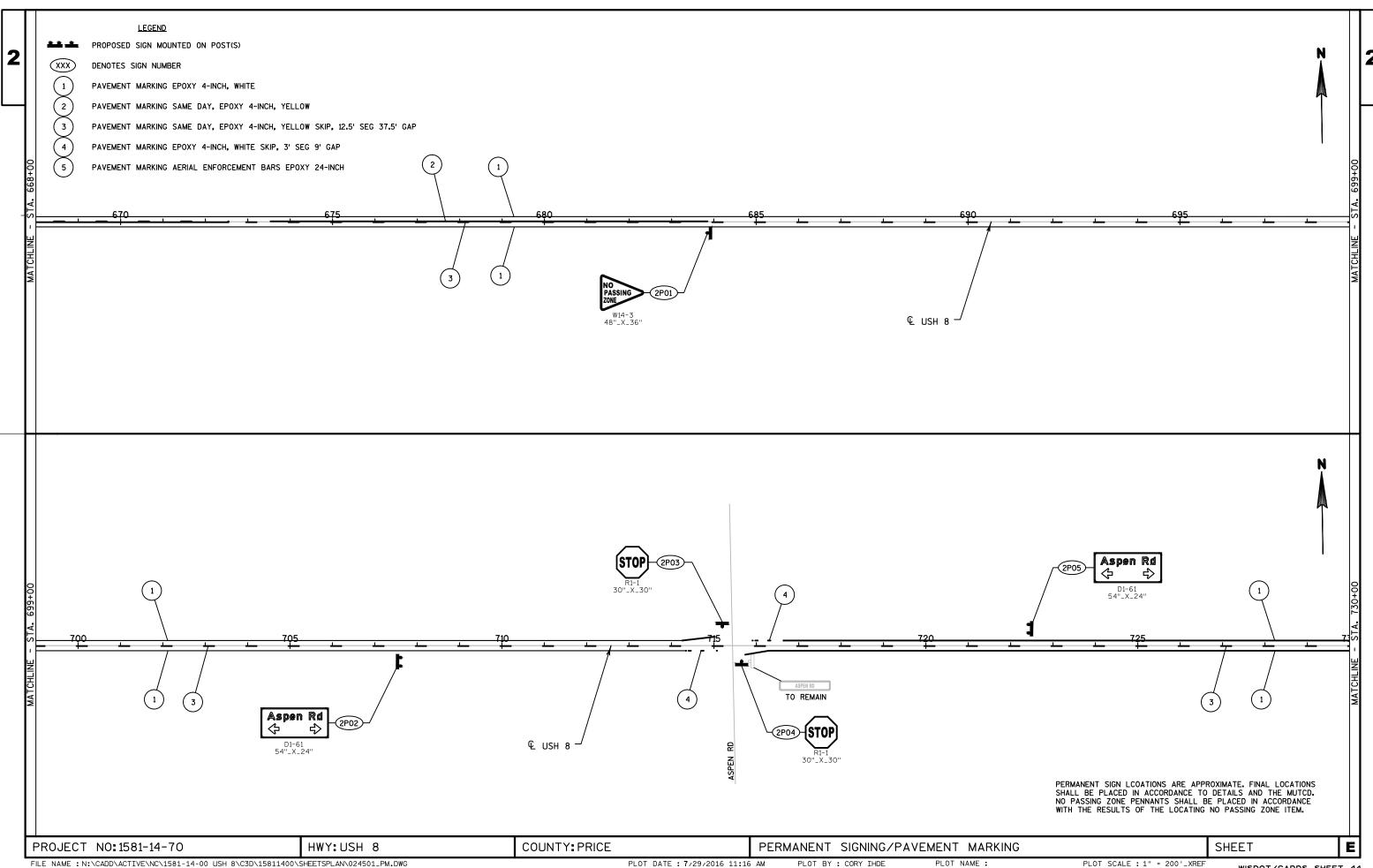




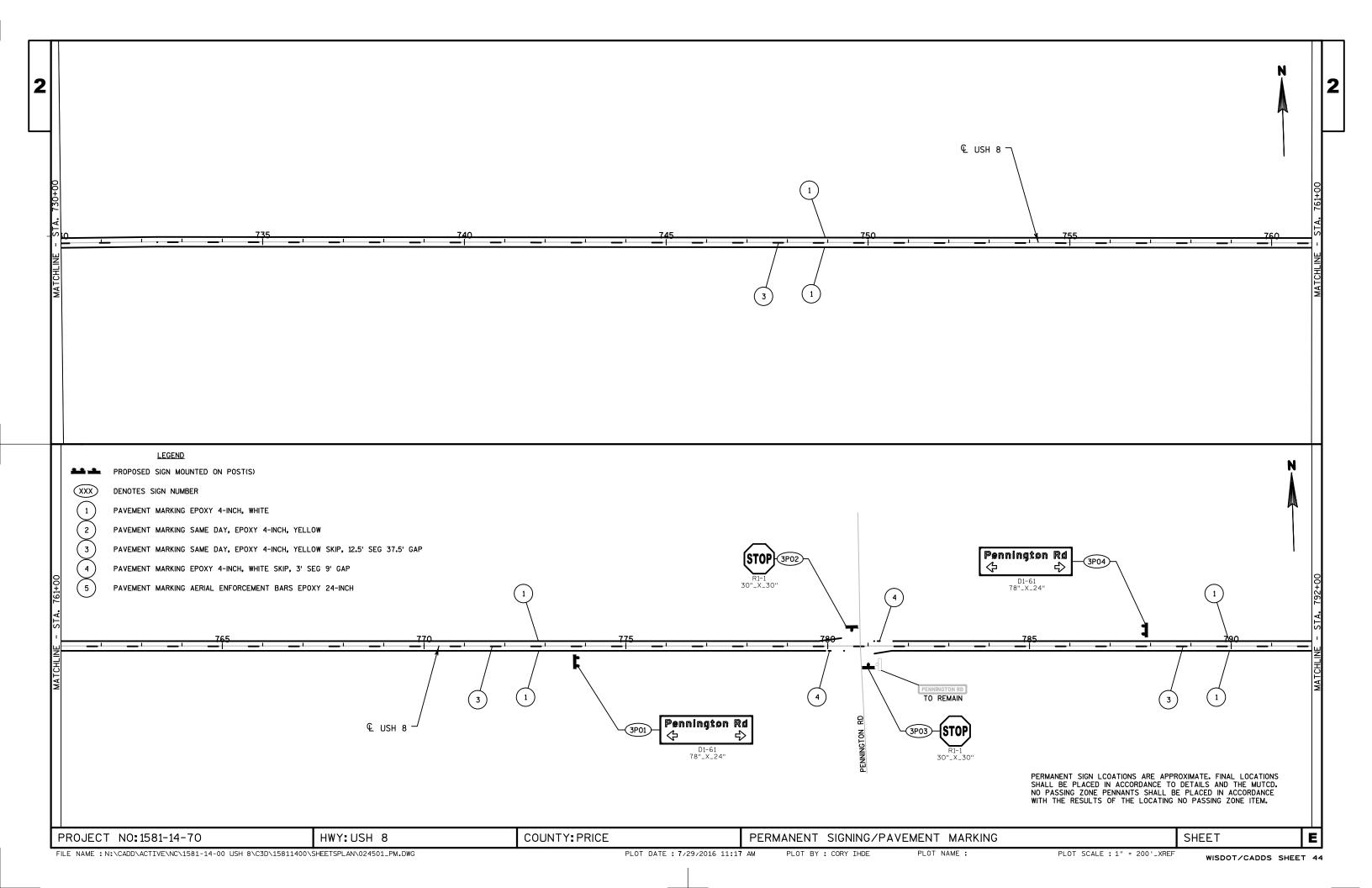


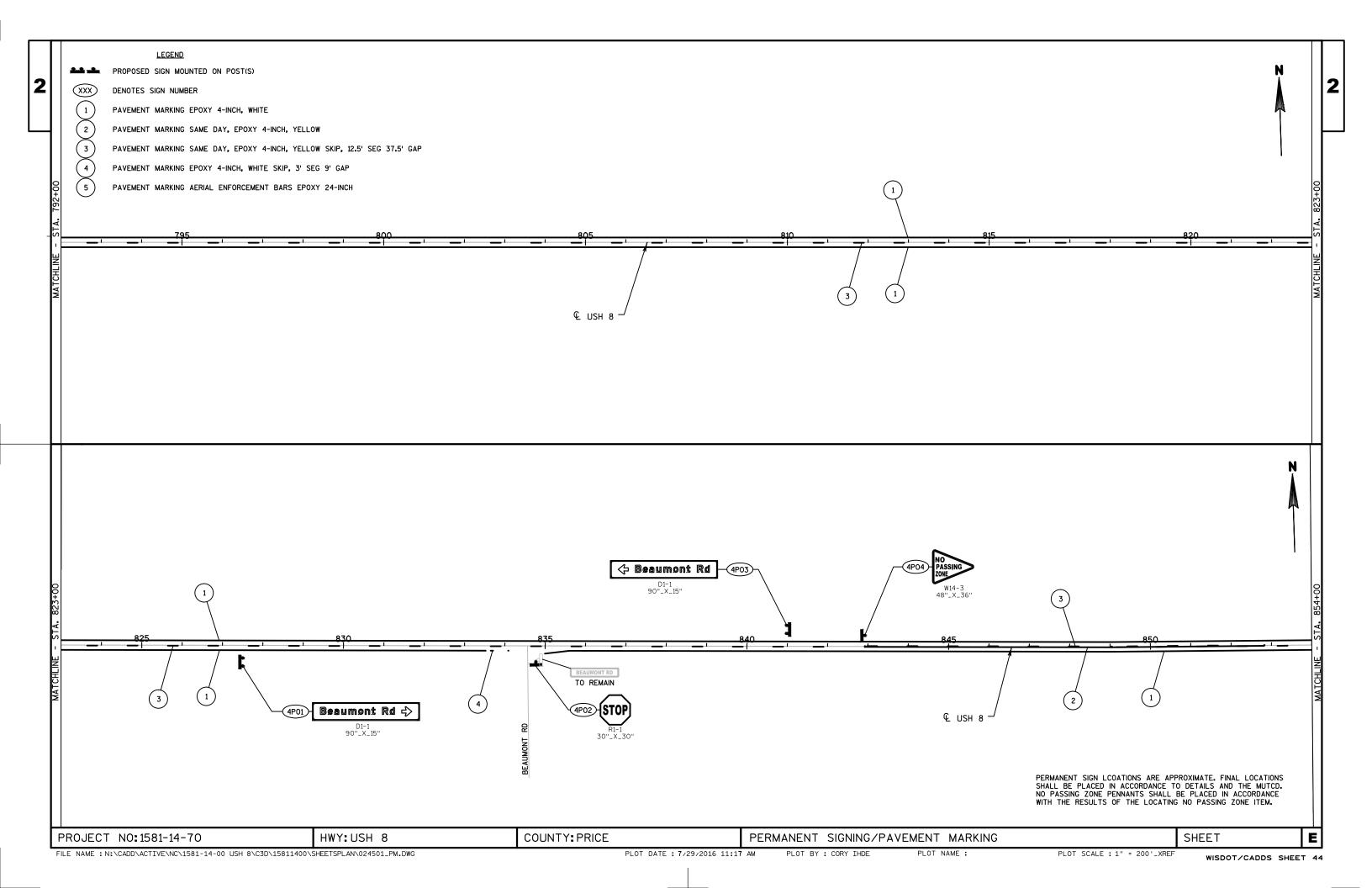


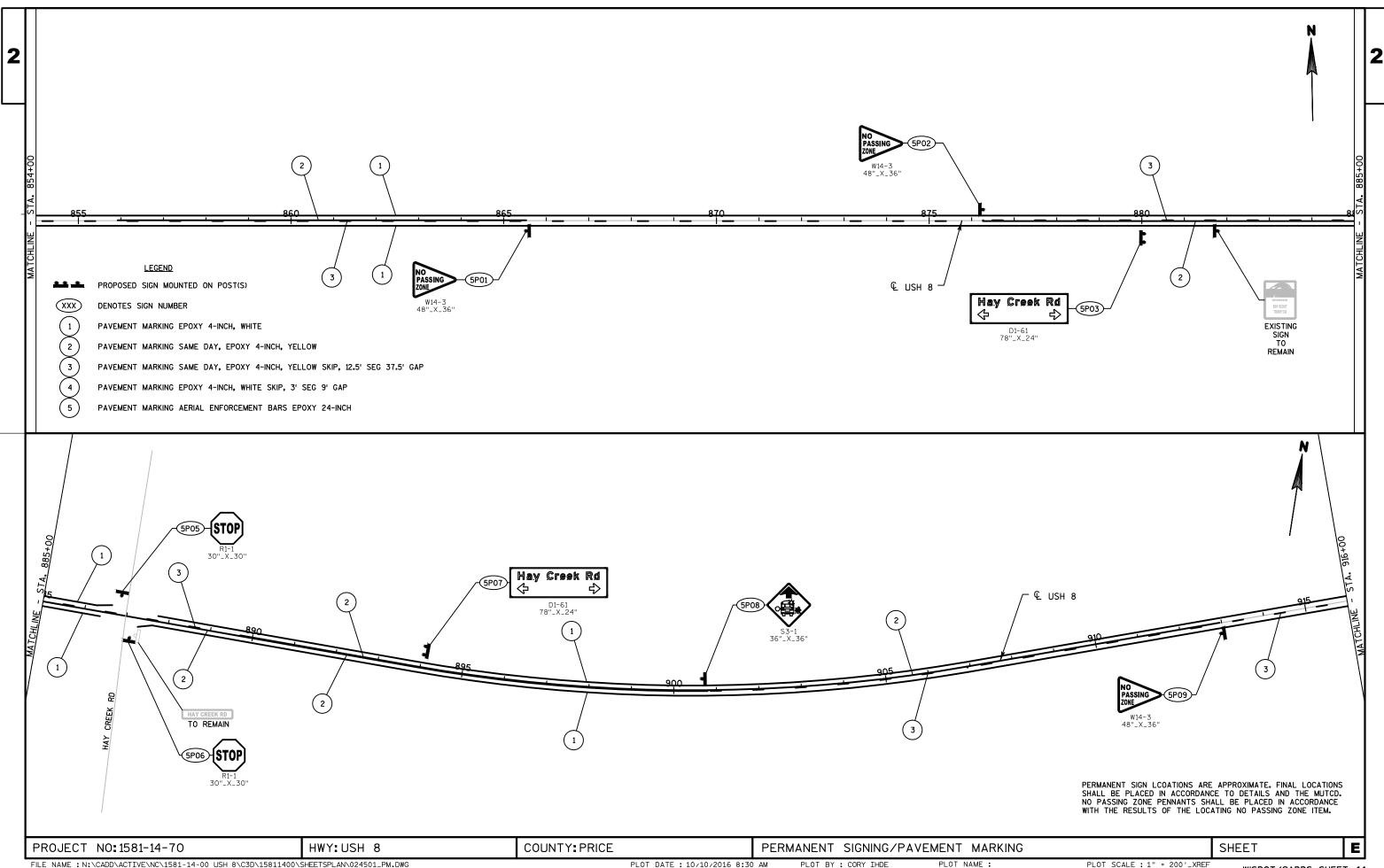
WISDOT/CADDS SHEET 44

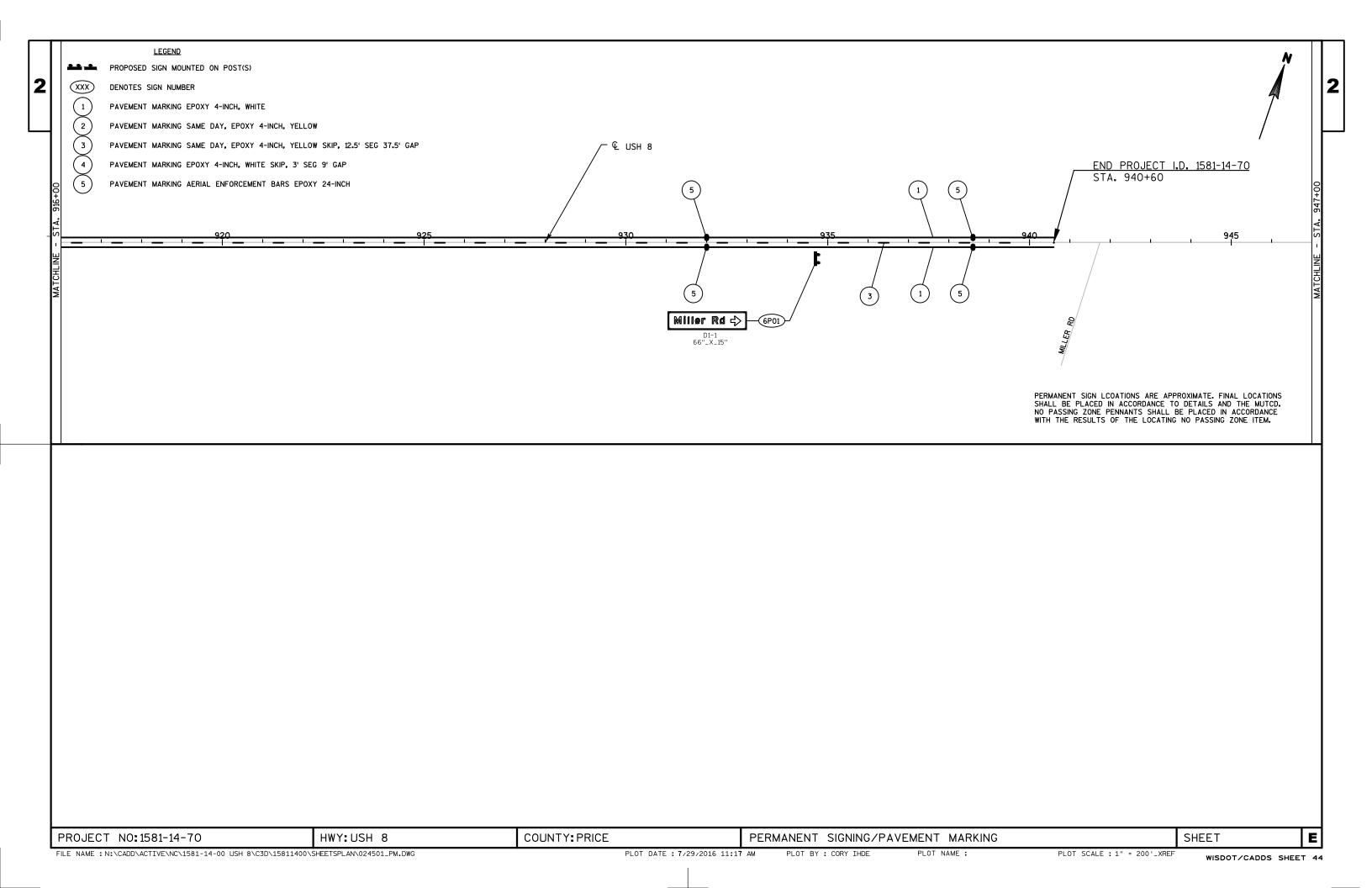


WISDOT/CADDS SHEET 44









DATE 12	20CT16	E S	TIMAT	E O F Q U A N	
LINE	ITEM	LTEM DESCRIPTION	LINII T	TOTAL	1581-14-70
NUMBER 0010	201. 0105	ITEM DESCRIPTION Clearing	UNI T STA	TOTAL 6. 000	QUANTI TY 6. 000
0020	201. 0205	Grubbi ng	STA	6. 000	6. 000
0030	203. 0100	Removing Small Pipe Culverts	EACH	1. 000	1. 000
0040	204. 0110	Removing Asphaltic Surface	SY	40. 000	40. 000
0050	204. 0115	Removing Asphaltic Surface Butt Joints	SY	1, 030. 000	1, 030. 000
0060	204. 0120	Removing Asphaltic Surface Milling	SY	119, 050. 000	119, 050. 000
0070	204. 0150	Removing Curb & Gutter	LF	149. 000	149. 000
0800	204. 0155	Removing Concrete Sidewalk	SY	45.000	45.000
0090	204. 0180	Removing Delineators and Markers	EACH	56.000	56. 000
0100	205. 0100	Excavation Common **P**	CY	100. 000	100. 000
0110	208. 0100	Borrow **P**	CY	2, 900. 000	2, 900. 000
0120	211. 0100	Prepare Foundation for Asphaltic Paving	LS	1. 000	1. 000
		(project) 01. 1581-14-70			
0130	213. 0100	Finishing Roadway (project) 01.	EACH	1. 000	1. 000
0140	305. 0110	1581-14-70 Base Aggregate Dense 3/4-Inch	TON	2, 100. 000	2, 100. 000
0150	305. 0110	Base Aggregate Dense 1 1/4-Inch	TON	500.000	500. 000
0160	305.0500	Shapi ng Shoul ders	STA	656. 000	656. 000
0170	440. 4410	Incentive IRI Ride	DOL	25, 240. 000	25, 240. 000
0180	455. 0605	Tack Coat	GAL	13, 650. 000	13, 650. 000
0190 0200	460. 2000 460. 4110. 9	Incentive Density HMA Pavement S Reheating HMA Pavement Longitudinal	DOL LF	16, 200. 000 59, 390. 000	16, 200. 000 59, 390. 000
3200	100. 4110.	Joints	L1	37, 370. 000	57, 570. 000
0210	460. 5223	HMA Pavement 3 LT 58-28 S	TON	14, 300. 000	14, 300. 000
0220	460. 5224	HMA Pavement 4 LT 58-28 S	TON	11, 000. 000	11, 000. 000
0230 0240	465. 0110 465. 0120	Asphaltic Surface Patching Asphaltic Surface Driveways and Field	TON TON	1. 000 30. 000	1. 000 30. 000
024U	403.0120	Entrances	ION	30.000	30.000
0250	465. 0315	Asphaltic Flumes	SY	40.000	40. 000
0260	445 0475	Apphalt Conton Line Dimble Chrise		22 250 000	22 250 000
0260	465. 0475	Asphalt Center Line Rumble Strips 2-Lane Rural	LF	33, 250. 000	33, 250. 000
0270	520. 8700	Cleaning Culvert Pipes	EACH	1. 000	1. 000
0270		S Culvert Pipe Liners (size) 01. 24-Inch	LF	177. 000	177. 000
0290		S Culvert Pipe Liners (size) 02. 36-Inch	LF	132. 000	132. 000
0300		S Cleaning Culvert Pipes for Liner	EACH	3.000	3. 000
		Veri fi cati on			
0310	521. 0124	Culvert Pipe Corrugated Steel 24-Inch	LF	34.000	34.000
0310	521. 0124 521. 1024	Apron Endwalls for Culvert Pipe Steel	EACH	2. 000	2. 000
3020	J21. 1024	24-Inch	L/1011	2.000	2. 000
0330	601. 0557	Concrete Curb & Gutter 6-Inch Sloped	LF	149. 000	149. 000
	:	36-Inch Type D	o		
0340	606. 0200	Riprap Medium	CY	50.000	50.000
0350	614. 0920	Sal vaged Rai I	LF	684. 000	684. 000
0360	614. 2300	MGS Guardrail 3	LF	391. 000	391. 000
0370	614. 2330	MGS Guardrail 3 K	LF	76. 000	76. 000
0380	614. 2610	MGS Guardrail Terminal EAT	EACH	4.000	4. 000
0390	618. 0100	Maintenance And Repair of Haul Roads	EACH	1. 000	1. 000
0400	410 1000	(project) 01. 1581-14-70	EACH	1 000	1 000
0400	619. 1000	Mobilization	EACH	1. 000	1. 000
0410	624. 0100	Water	MGAL	30.000	30. 000
0420	625. 0100	Topsoi I	SY	52, 850. 000	52, 850. 000
0430	627. 0200	Mul chi ng	SY	50, 875. 000	50, 875. 000
0440	628. 1104	Erosi on Bal es	EACH	30.000	30.000
0450	628. 1504	Silt Fence	LF	1, 775. 000	1, 775. 000
0460	628. 1520	Silt Fence Maintenance	LF	1, 775. 000	1, 775. 000
5-100	520. 1520	of the folioe marriconarioe	L1	1, 773.000	1, 773.000

DATE 12	0CT16	EST	IMAT	E OF QUAN	
LI NE NUMBER	ITEM	ITEM DESCRIPTION	UNI T	TOTAL	1581-14-70 QUANTI TY
0470	628. 1905	Mobilizations Erosion Control	EACH	4. 000	4. 000
0480	628. 1910	Mobilizations Emergency Erosion Control	EACH	2. 000	2. 000
0490	628. 2008	Erosion Mat Urban Člass I Type B	SY	2, 000. 000	2,000.000
0500	628. 7504	Temporary Ditch Checks	LF	25. 000	25. 000
0510	628. 7555	Cul vert Pi pe Checks	EACH	3. 000	3. 000
0520	628. 7570	Rock Bags	EACH	110.000	110.000
0530	629. 0205	Fertilizer Type A	CWT	40.000	40.000
0540	630. 0110	Seeding Mixture No. 10	LB	10. 000	10. 000
0550	630. 0120	Seeding Mixture No. 20	LB	160. 000	160. 000
0560	630. 0130	Seeding Mixture No. 30	LB	840. 000	840. 000
0570	630. 0200	Seeding Temporary	LB	25.000	25.000
0580	631. 0300	Sod Water	MGAL	220.000	220. 000
0590	633. 5200	Markers Culvert End	EACH	88. 000	88. 000
0600	634. 0614	Posts Wood 4x6-Inch X 14-FT	EACH	25. 000	25. 000
0610	634. 0616	Posts Wood 4x6-Inch X 16-FT	EACH	18. 000	18. 000
0620	637. 2210	Signs Type II Reflective H	SF	176. 440	176. 440
0630	637. 2230	Signs Type II Reflective F	SF	73.000	73.000
0640	638. 2602	Removing Signs Type II	EACH	38.000	38. 000
0650	638. 3000	Removing Small Sign Supports	EACH	45. 000	45. 000
0660	642. 5001	Field Office Type B	EACH	1.000	1. 000
0670	643. 0100	Traffic Control (project) 01. 1581-14-70	EACH	1. 000	1. 000
0680	643. 0300	Traffic Control Drums	DAY	1, 200. 000	1, 200. 000
0690	643. 0900	Traffic Control Signs	DAY	1, 200. 000	1, 200. 000
0700	645. 0120	Geotextile Type HR	SY	110. 000	110. 000
0710	646. 0106	Pavement Marking Epoxy 4-Inch	LF	65, 600. 000	65, 600. 000
0720	646. 0406	Pavement Marking Same Day Epoxy 4-Inch	LF	20, 800. 000	20, 800. 000
0730	647. 0803	Pavement Marking Aerial Enforcement Bars Epoxy 24-Inch	LF	24. 000	24. 000
0740	648. 0100	Locating No-Passing Zones	MI	6. 310	6. 310
0750	649. 0402	Temporary Pavement Marking Paint 4-Inch	LF	20, 800. 000	20, 800. 000
0760	650. 8000	Construction Staking Resurfacing	LF	33, 295. 000	33, 295. 000
0700	030. 0000	Reference		33, 273. 000	33, 273. 000
0770	650. 9910	Construction Staking Supplemental	LS	1. 000	1. 000
		Control (project) 01.1581-14-70			
0780	650. 9920	Construction Staking Slope Stakes	LF	900.000	900.000
0790	690. 0150	Sawing Asphal t	LF	248. 000	248. 000
0800	ASP. 1TOA	On-the-Job Training Apprentice at \$5.	HRS	1, 200. 000	1, 200. 000
		00/HR			
0810	ASP. 1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	600.000	600.000
0820	SPV. 0060	Special 01. Reset Apron Endwall	EACH	5. 000	5. 000
		r r			

	CLEARING & GRUBBING			REMO'	VING ASPHALT	IC SURFACE	
		201.0205 GRUBBING	ROADWAY	STATION	- STATION	LOCATION	204.0110 SY
	ROADWAY LOCATION STA	STA	USH 8	611+85	913+15	RT	40
	USH 8 862+00 - 868+00 6	6	TOTAL				40
	TOTAL 6	6					
	ALL ITEMS CATEGORY 0010		ALL ITEMS CATEGO	ORY 0010			
				REMOVING A	ASPHALTIC SUF	RFACE BUTT JO	INTS
	REMOVING SMALL PIPE CULVERTS						
				ROADWAY	LOCATIO		<u>.0115 </u>
	203.0100	NAME NEC		USH 8	BEGIN PRO		25
		MMENTS CMCP		USH 8	CTH O	1	50
	TOTAL 1	CIVICE		USH 8	PENNINGTO		15
l	TOTAL			USH 8	END PROJ		40
				TOTAL		1,	030
	ALL ITEMS CATEGORY 0010		ALL ITEMS CATEGO	ORY 0010			
	REMOVING ASPHALTIC SURFACE MILLING			REM	OVING CURB A	ND GUTTER	
	20.4	0120					204.0150
		6Y		WAY STATION			LF
		,050	USH 8				91
		,050	USH 8		- 613+15	5 RT	58 149
			IOTAI	L			149
	ALL ITEMS CATEGORY 0010		ALL ITEMS CATEGO	ORY 0010			
-			-				

REMOVING DELINEATORS AND MARKERS

		204.0180	
ROADWAY	LOCATION	EACH	COMMENTS
USH 8	609+20	2	UNDERDRAIN OUTFALLS
USH 8	614+25	2	UNDERDRAIN OUTFALLS
USH 8	690+05	2	UNDERDRAIN OUTFALLS
USH 8	695+10	2	UNDERDRAIN OUTFALLS
USH 8	700+10	2	UNDERDRAIN OUTFALLS
USH 8	706+10	2	UNDERDRAIN OUTFALLS
USH 8	712+10	2	UNDERDRAIN OUTFALLS
USH 8	719+10	2	UNDERDRAIN OUTFALLS
USH 8	725+05	2	UNDERDRAIN OUTFALLS
USH 8	731+10	2	UNDERDRAIN OUTFALLS
USH 8	741+65	2	UNDERDRAIN OUTFALLS
USH 8	747+05	2	UNDERDRAIN OUTFALLS
USH 8	757+05	2	UNDERDRAIN OUTFALLS
USH 8	762+05	2	UNDERDRAIN OUTFALLS
USH 8	767+05	2	UNDERDRAIN OUTFALLS
USH 8	777+05	2	UNDERDRAIN OUTFALLS
USH 8	782+05	2	UNDERDRAIN OUTFALLS
USH 8	787+05	2	UNDERDRAIN OUTFALLS
USH 8	797+05	2	UNDERDRAIN OUTFALLS
USH 8	802+05	2	UNDERDRAIN OUTFALLS
USH 8	807+05	2	UNDERDRAIN OUTFALLS
USH 8	810+10	2	UNDERDRAIN OUTFALLS
USH 8	812+05	2	UNDERDRAIN OUTFALLS
USH 8	817+05	2	UNDERDRAIN OUTFALLS
USH 8	822+05	2	UNDERDRAIN OUTFALLS
USH 8	827+05	2	UNDERDRAIN OUTFALLS
USH 8	837+50	2	UNDERDRAIN OUTFALLS
USH 8	843+05	2	UNDERDRAIN OUTFALLS
TOTAL		56	

$\underline{\mathsf{REMOVING}\,\mathsf{CONCRETE}\,\mathsf{SIDEWALK}}$

					204.0155	
ROADWAY	STATION	-	STATION	LOCATION	SY	COMMENTS
USH 8	862+40	-	863+00	RT	45	CONCRETE LINED DITCH
TOTAL					45	

ALL ITEMS CATEGORY 0010

ALL ITEMS CATEGORY 0010

PROJECT NO: 1581-14-70 HWY	VY: USH 8 COUNTY: PRICE	MISCELLANEOUS QUANTITIES	SHEET	Ε
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FILE NAME : _____ PLOT DATE : _____ PLOT BY : ____ PLOT NAME : ____ ORG DATE : ____ ORIGINATOR : DIST PLOT SCALE : 1:1

EARTHWORK SUMMARY

Division	From/To Station	Location	Common Excavation (1)	Salvaged/ Unusable Pavement Material (3)	Available Material (4)	•	Expanded Fill (5)	Mass Ordinate +/- (6)	Waste	Borrow (7)	Comment:
			Cut (2)				Factor				
Division 1			(item #205.0100)*				1.25			(item #208.0100)*	
USH 8	861+20/867+49	LT/RT	0	0	0	2400	3000	-3000			BEAM GUARD AREA
	894+00/898+00	LT	100	0	100	0	0	100			REDITCHING AREA
Grand Total			100	0	100	2400	3000	-2900	0	2900	

- 1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
- 2) Salvaged/Unsuable Pavement Material is included in Cut.
- 3) Salvaged/Unusable Pavement Material
- 4) Available Material = Cut Salvaged/Unusuable Pavement Material
- 5) Expanded Fill Factor = 1.25
- 6) The Mass Ordinate + or Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.
- 7) Borrow Excavation item number 208.0100
- * Pay Plan Quantity

	ROADWAY LOCATION USH 8 607+65 - 940+60 TOTAL LL ITEMS CATEGORY 0010 ASPHALT CENTER LINE RUMBLE STRIPS ROADWAY LOCATION USH 8 608+10 - 940+60 TOTAL L ITEMS CATEGORY 0010	460.4110.S LF 59,390 59,390	TO	DADWAY LO	NG CULVERTOCATION 893+81 DRY 0010		ROADWAY USH 8 USH 8 USH 8 TOTAL	LOCATION 678+25 686+30 855+86	520.9700.S.01 CULVERT PIPE LINERS 24-INCH LF 70 107 177	DE LINERS 520.9700.S.02 CULVERT PIPE LINERS 36-INCH LF 132 132	520.9750.S CLEANING CULVERT PIPES FOR LINERS VERIFICATION EACH EX 1 1 1 3	0.41% 0.00% 0.14%
Al	ROADWAY LOCATION USH 8 607+65 - 940+60 TOTAL LL ITEMS CATEGORY 0010 ASPHALT CENTER LINE RUMBLE STRIPS	460.4110.S LF 59,390 59,390 S 2-LANE RURAL	US	DADWAY LO	OCATION	<u>520.8700</u> <u>EACH</u> 1	USH 8 USH 8 USH 8	678+25 686+30	520.9700.S.01 CULVERT PIPE LINERS 24-INCH LF 70 107	520.9700.S.02 CULVERT PIPE LINERS 36-INCH LF 132	CLEANING CULVERT PIPES FOR LINERS VERIFICATION EACH 1 1 1	0.41% 0.00%
Al	ROADWAY LOCATION USH 8 607+65 - 940+60 TOTAL	460.4110.S LF 59,390	RC			Γ <u>PIPES</u> _520.8700	ROADWAY	LOCATION	520.9700.S.01 CULVERT PIPE LINERS 24-INCH	520.9700.S.02 CULVERT PIPE LINERS 36-INCH	CLEANING CULVERT PIPES FOR LINERS VERIFICATION	ISTING SLOPE (%
	ROADWAY LOCATION USH 8 607+65 - 940+60	460.4110.S LF 59,390		CLEANI	NG CULVER1				520.9700.S.01 CULVERT PIPE	520.9700.S.02 CULVERT PIPE	CLEANING CULVERT PIPES FOR	
	REHEATING HMA PAVEMENT LONGITU								<u>PIF</u>	PE LINERS		
ALL	L ITEMS CATEGORY 0010			TOTA	AL ALL ITEMS C <i>F</i>	ATEGORY 0010	13,650	14,300	11,000	1	30	40
	TOTAL	2,100	500	USH USH USH	8 8	612+45, RT 612+80, RT AT CTH O	 	 	 	 1	 	20 20
	ROADWAY STATION - STATION USH 8 607+65 - 940+60	TON 2,100	TON 500	USH	8 6	07+65 - 940+60	13,650	14,300	11,000		30	
		BASE AGGREGATE AG DENSE 3/4-INCH 1	305.0120 BASE GGREGATE DENSE I 1/4-INCH	ROA	DWAY S	STATION - STATION	TACK COAT GAL	HMA PAVEMENT 3 LT 58-28 S TON	HMA PAVEMENT 4 LT 58-28 S TON	ASPHALTIC SURFACE PATCHING TON	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCE TON	
	BASE AGGREGATE	<u>ITEMS</u>					455.0605	<u>ASPHA</u> 460.5223	ALT ITEMS 460.5224	465.0110	465.0120	465.0315
ALL	L ITEMS CATEGORY 0010			ALL ITEMS	CATEGORY	0010		ALL ITEMS CA	TEGORY 0010			
	TOTAL	1			TOTAL	1		US	H 8 867+3		RT 7	56
	ROADWAY STATION - STATION L USH 8 611+85 - 613+15				ROADWAY			US	H 8 607+6 H 8 607+6 H 8 867+5	65 - 861+50	RT 25	54 54 '4
	PREPARE FOUNDATION FOR ASPHALT	TIC PAVING (1581-14-7 211.010			FINISHIN	NG ROADWAY (1581-14-7 213.0100.			DADWAY STATIO		S	0500 TA
										SHAPING SHOULD	<u>ERS</u>	

			DRIVEWAY CULVERTS							
				521.0124	521.1024 APRON					
				CULVERT PIPE	ENDWALLS FOR CULVERT		CONCRETE C	URB & GUTTER 6-INCH S	SLOPED 36-INCH TYPE D	
		INLET END	DISCHARGE END	CORRUGATED STEEL 24-INCH	PIPE STEEL 24-INCH		ROADWAY S		601.0557	
ĺ	ROADWAY USH 8	STA OFFSET ELEV	STA OFFSET ELEV 52+46 40.0' RT 1501.30	LF 34	EACH 2	MIN. THICKNESS 0.064	USH 8 6	11+85 - 612+45 12+80 - 613+15	RT 91 RT 58	
i	TOTAL	002107 54.2 KT 1303.00 00	92140 40.01(1 1001.00	34	2	0.004	TOTAL	12/00 - 0/0/10	149	
ı		FSETS ARE TO THE APRON END OF ENDWALL ND ELEVATIONS ARE FROM THE END OF PIPE		NCLUDE LENGTH OF AF	PRON ENDWALL					
	ALL ITEMS CATEO	GORY 0010		Г			ALL ITEMS CATEGOR	Y 0010		
		RIPRAP LINED DITCH			<u>SALV</u>	AGED RAIL		MAINTENANCE AND RI	EPAIR OF HAUL ROADS (1581-14-7	.7 0)
		606.020 RIPRAF MEDIUN	GEOTEXTILE FABRIC		2+58 - 865+9		614.0920 LF 342	ROADWAY USH 8	618.0100.01 EACH	
	ROADWAY STA USH 8 86: TOTAL		SY 110 110	USH 8 862 TOTAL	2+92 - 866+;	33 LT	342 684	TOTAL	1	
	ALL ITEMS CATEGO	DRY 0010		ALL ITEMS CATEG	GORY 0010		ALL	ITEMS CATEGORY 0010		
		GUARDRAIL ITE	MS_							
ı			614.2300 614.2330 MGS MGS	614.2610 MGS GUARDRAIL						
			GUARDRAIL GUARDRAIL	TERMINAL EAT		MOE	BILIZATION		WATER	
		STATION - STATION LOCATION	3 3 K LF LF	EACH			619.1000	ROAD	624.0100 WAY MGAL	
		862+55 - 863+05 RT 863+05 - 865+47 RT	 204 38	1		ROADWAY USH 8	EACH 1	USH 8	30	
		865+47 - 865+97 RT		1		TOTAL	1	TOTAL	_ 30	
		862+89 - 863+39 LT		1						
		863+39 - 865+64 LT	187 38	 4						
	USH 8 TOTAL	865+64 - 866+14 LT	 391 76	1 4						
	ALL ITEMS CATEGO	DRY 0010				ALL ITEMS CATEGORY 0	010	ALL ITEMS CATE	GORY 0010	
	ROJECT NO:		HWY: USH 8	COUNTY: PR	ICE		MISCELLANEOUS Q	I IIANTITIES	SHEET	E
•	NOULUI NO.	PLOT DATE :	PLOT BY:	PLOT NAME :			ORIGINATOR: DIST_	PLOT SCALE : 1	I SIILLI	

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ ORG DATE : ____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

RESTORATION ITEMS

630.0120

630.0130

630.0200

631.0300

630.0110

					SEEDING	SEEDING	SEEDING			
				FERTILIZER	MIXTURE	MIXTURE	MIXTURE	SEEDING	SOD	
		TOPSOIL	MULCHING	TYPE A	NO. 10	NO. 20	NO. 30	TEMPORARY	WATER	
ROADWAY	STATION - STATION	SY	SY	CWT	LB	LB	LB	LB	MGAL	COMMENTS
USH 8	611+75 - 613+25	90		1			2		1	CTH O INTERSECTION RADII
USH 8	607+65 - 940+60	37,000	37,000	25			670		150	DISTURBED SHOULDERS
USH 8	861+50 867+50	4,600	3,700	3		125			19	BEAM GUARD AREA
USH 8	894+00 - 898+00	575		1	8				3	REDITCHING AREA
UNDISTRIE	BUTED	10,585	10,175	10	2	35	168	25	47	
TOTAL		52,850	50,875	40	10	160	840	25	220	

ALL ITEMS CATEGORY 0010

EROSION CONTROL ITEMS

625.0100

627.0200

629.0205

				628.1104	628.1504	628.1520	628.2008 EROSION MAT	628.7504	628.7555	628.7570	
						SILT	URBAN	TEMPORARY	CULVERT		
				EROSION	SILT	FENCE	CLASS I	DITCH	PIPE	ROCK	
				BALES	FENCE	MAINTENANCE	TYPE B	CHECKS	CHECKS	BAGS	
ROADWAY	STATION	-	STATION	EACH	LF	LF	SY	LF	EACH	EACH	COMMENTS
USH 8	611+75	-	613+25		200	200	90				CTH O INTERSECTION RADII
USH 8	607+65	-	940+60								DISTURBED SHOULDERS
USH 8	861+50	-	867+50		1,200	1,200	900		3	65	BEAM GUARD AREA
USH 8	894+00	-	898+00	20	20	20	575	15		20	REDITCHING AREA
UNDISTRIB	UTED			10	355	355	435	10		25	
TOTAL				30	1,775	1,775	2,000	25	3	110	

MOBILIZATION EROSION CONTROL

	628.1905	628.1910
		MOBILIZATIONS
	MOBILIZATIONS	EMERGENCY
	EROSION	EROSION
	CONTROL	CONTROL
ROADWAY	EACH	EACH
USH 8	4	2
TOTAL	4	2

ALL ITEMS CATEGORY 0010

ALL ITEMS CATEGORY 0010

PROJECT NO: 1581-14-70	HWY: USH 8	COUNTY: PRICE	MISCELLANEOUS QUANTITIES	SHEET	E
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FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT BY : _____ ORG DATE : ____ ORG DATE : ____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

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MARKERS CULVERT ENDS

		633.5200	
ROADWAY	LOCATION	EACH	COMMENTS
USH 8	609+20	2	UNDERDRAIN OUTFALLS
USH 8	614+25	2	UNDERDRAIN OUTFALLS
USH 8	631+43	2	CROSS CULVERT
USH 8	652+00	2	CROSS CULVERT
USH 8	665+48	2	CROSS CULVERT
USH 8	678+25	2	CROSS CULVERT
USH 8	690+05	2	UNDERDRAIN OUTFALLS
USH 8	695+10	2	UNDERDRAIN OUTFALLS
USH 8	700+10	2	UNDERDRAIN OUTFALLS
USH 8	706+10	2	UNDERDRAIN OUTFALLS
USH 8	712+10	2	UNDERDRAIN OUTFALLS
USH 8	717+10	2	CROSS CULVERT
USH 8	719+10	2	UNDERDRAIN OUTFALLS
USH 8	725+05	2	UNDERDRAIN OUTFALLS
USH 8	731+10	2	UNDERDRAIN OUTFALLS
USH 8	739+77	2	CROSS CULVERT
USH 8	741+65	2	UNDERDRAIN OUTFALLS
USH 8	747+05	2	UNDERDRAIN OUTFALLS
USH 8	757+05	2	UNDERDRAIN OUTFALLS
USH 8	762+05	2	UNDERDRAIN OUTFALLS
USH 8	767+05	2	UNDERDRAIN OUTFALLS
USH 8	777+05	2	UNDERDRAIN OUTFALLS
USH 8	782+05	2	UNDERDRAIN OUTFALLS
USH 8	787+05	2	UNDERDRAIN OUTFALLS
USH 8	797+05	2	UNDERDRAIN OUTFALLS
USH 8	801+92	2	CROSS CULVERT
USH 8	802+05	2	UNDERDRAIN OUTFALLS
USH 8	807+05	2	UNDERDRAIN OUTFALLS
USH 8	810+10	2	UNDERDRAIN OUTFALLS
		2	UNDERDRAIN OUTFALLS
USH 8	812+05	2	
USH 8	817+05	2	UNDERDRAIN OUTFALLS
USH 8	822+05		UNDERDRAIN OUTFALLS
USH 8	827+05	2	UNDERDRAIN OUTFALLS
USH 8	827+15	2	CROSS CULVERT
USH 8	834+15	2	CROSS CULVERT
USH 8	834+95	2	CROSS CULVERT
USH 8	837+50	2	UNDERDRAIN OUTFALLS
USH 8	843+05	2	UNDERDRAIN OUTFALLS
USH 8	855+86	2	CROSS CULVERT
USH 8	889+58	2	CROSS CULVERT
USH 8	893+85	2	CROSS CULVERT
USH 8	900+60	2	CROSS CULVERT
USH 8	910+58	2	CROSS CULVERT
USH 8	937+05	2	CROSS CULVERT
TOTAL		88	

ALL ITEMS CATEGORY 0010

PERMANENT SIGNING

637.2210 637.2230 634.0614 634.0616

POSTS POSTS SIGNS TYPE II SIGNS TYPE II WOOD WOOD REFLECTIVE REFLECTIVE 4X6-INCH SAME 4X6-INCH SIGN SIZE X 14-FT Н POST AS X16-FT ROADWAY CODE NO. SF SF SIGN NO. EACH EACH SIGN NO. SIGN MESSAGE INCH X INCH 1P01 8.00 USH 8 W1-7 **DOUBLE NIGHT ARROW** 48 x 24 USH 8 1P02 M1-5A COUNTYO 24 X 24 4.00 USH 8 1P03 M6-1 DIRECTIONAL ARROW LT 21 X 21 3.06 1P02 NO PASSING ZONE USH 8 1P04 W14-3 48 X 36 6.00 USH 8 1P05 M2-1 JCT 21 X 15 2.19 1 USH 8 1P06 M1-5A COUNTYO 24 X 24 4.00 1P05 ----USH 8 1P07 M3-4 WEST 24 X 12 2.00 1 1P08 USH 8 24 X 24 USH 8 M1-4 4.00 1P08 USH 8 1P09 M1-5A COUNTYO 24 X 24 4.00 USH 8 1P10 M6-1 DIRECTIONAL ARROW RT 21 X 21 3.06 1P10 USH 8 1P11 R1-1 STOP 30 X 30 5.18 1P12 USH 8 24 X 24 USH 8 M1-4 4.00 1 USH 8 1P13 M6-4 DIRECTIONAL ARROW LT/RT 21 X 21 3.06 1P12 M3-2 24 X 12 USH 8 1P14 EAST 2.00 USH 8 1P15 M1-4 USH 8 24 X 24 4.00 1P14 USH 8 1P16 W14-3 NO PASSING ZONE 6.00 48 X 36 --USH 8 1P17 W14-3 NO PASSING ZONE 48 X 36 6.00 1P18 D5-61 48 X 24 USH 8 WAYSIDE 1/2 MILE 8.00 USH 8 2P01 W14-3 NO PASSING ZONE 48 X 36 6.00 USH 8 2P02 D1-61 ASPEN RD ARROW LT/RT 54 X 24 9.00 2 USH 8 2P03 R1-1 STOP 30 X 30 5.18 --2P04 30 X 30 USH 8 R1-1 STOP 5.18 USH 8 2P05 D1-61 ASPEN RD ARROW LT/RT 54 X 24 9.00 2 USH 8 3P01 D1-61 PENNINGTON RD ARROW LT/RT 78 X 24 13.00 2 USH 8 3P02 R1-1 STOP 30 X 30 5.18 USH 8 3P03 R1-1 STOP 30 X 30 5.18 3P04 D1-61 78 X 24 USH 8 PENNINGTON RD ARROW LT/RT 13.00 2 USH 8 4P01 D1-1 BEAUMONT RD ARROW RT 90 X 15 9.38 2 USH 8 4P02 R1-1 STOP 30 X 30 5.18 USH 8 4P03 D1-1 BEAUMONT RD ARROW LT 90 X 15 9.38 2 USH 8 4P04 W14-3 NO PASSING ZONE 48 X 36 6.00 5P01 W14-3 48 X 36 USH 8 NO PASSING ZONE 6.00 5P02 W14-3 48 X 36 USH 8 NO PASSING ZONE 6.00 USH 8 5P03 D1-61 HAY CREED RD ARROW LT/RT 78 X 24 13.00 2 USH 8 5P05 R1-1 STOP 30 X 30 5.18 USH 8 5P06 R1-1 **STOP** 30 X 30 5.18 USH 8 5P07 D1-61 HAY CREED RD ARROW LT/RT 78 X 24 13.00 2 USH 8 5P08 S3-1 36 X 36 9.00 SCHOOL BUS STOP AHEAD USH 8 5P09 48 X 36 6.00 W14-3 NO PASSING ZONE USH 8 6P01 D1-1 MILLER RD ARROW RT 66 X 15 6.88 2 TOTAL 176.44 73.00 25 18

ALL ITEMS CATEGORY 0010

PROJECT NO: 1581-14-70 HWY: USH 8 COUNTY: PRICE MISCELLANEOUS QUANTITIES SHEET E

FILE NAME : _____ PLOT DATE : ____ PLOT BY : ____ PLOT BY : ____ ORG DATE : ___ ORG DATE : ____ ORIGINATOR : DIST_ PLOT SCALE : 1:1

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ALL ITEMS CATEGORY 0010

SIGN REMOVALS

				638.2602 REMOVING SIGNS TYPE II	638.3000 REMOVING SMALL SIGN SUPPORTS	
ROADWAY	SIGN NO.	STATION	LOCATION	EACH	EACH	SIGN MESSAGE
USH 8	1R01	610+40	LT	1	1	WEST, USH 8
USH 8	1R02	611+95	RT	1	1	COUNTY O, ARROW RT
USH 8	1R03	612+70	LT	1	1	DOUBLE NIGHT ARROW
USH 8	1R04	612+80	LT	1	1	COUNTY O, ARROW LT
USH 8	1R05	612+85	RT	1	1	STOP
USH 8	1R06	613+10	RT	1	1	USH 8, ARROW LT/RT
USH 8	1R07	614+45	RT	1	1	EAST, USH 8
USH 8	1R08	619+70	LT	1	1	NO PASSING ZONE
USH 8	1R09	622+95	LT	1	1	JCT, COUNTY O
USH 8	1R10	650+80	RT	1	1	NO PASSING ZONE
USH 8	1R11	660+25	LT	1	1	NO PASSING ZONE
USH 8	1R12	608+95	LT	1	1	WAYSIDE 1/2 MILE
USH 8	2R01	683+85	RT	1	1	NO PASSING ZONE
USH 8	2R02	707+60	RT	1	2	ASPEN RD
USH 8	2R03	715+20	LT	1	1	STOP
USH 8	2R04	715+65	RT	1	1	STOP
USH 8	2R05	722+45	LT	1	2	ASPEN RD
USH 8	3R01	734+65	RT	1	1	DIP
USH 8	3R02	739+40	RT	1	1	DIP
USH 8	3R03	740+20	LT	1	1	DIP
USH 8	3R04	744+90	LT	1	1	DIP
USH 8	3R05	773+80	RT	1	1	PENNINGTON RD
USH 8	3R06	780+60	LT	1	1	STOP
USH 8	3R07	780+95	RT	1	1	STOP
USH 8	3R08	787+80	LT	1	1	PENNINGTON RD
USH 8	4R01	827+50	RT	1	2	BEAUMONT RD
USH 8	4R02	834+75	RT	1	1	STOP
USH 8	4R03	841+00	LT	1	2	BEAUMONT RD
USH 8	4R04	842+90	LT	1	1	NO PASSING ZONE
USH 8	5R01	865+50	RT	1	1	NO PASSING ZONE
USH 8	5R02	876+25	LT	1	1	NO PASSING ZONE
USH 8	5R03	880+00	RT	1	2	HAY CREEK RD
USH 8	5R04	886+80	LT	1	1	STOP
USH 8	5R05	887+15	RT	1	1	STOP
USH 8	5R06	894+05	LT	1	2	HAY CREEK RD
USH 8	5R07	900+65	LT	1	1	SCHOOL BUS STOP AHEAD
USH 8	5R08	912+95	RT	1	1	NO PASSING ZONE
USH 8	6R01	934+80	RT	1	2	MILLER RD
TOTAL				38	45	

FIELD OFFICE TYPE B

	642.5001
ROADWAY	EACH
USH 8	1
TOTAL	1

ALL ITEMS CATEGORY 0010

TRAFFIC CONTROL (1581-14-70)

	643.0100.01
ROADWAY	EACH
USH 8	1
TOTAL	1

ALL ITEMS CATEGORY 0010

TRAFFIC CONTROL ITEMS

					643	.0300	643	.0900
					TRA	AFFIC	TRA	AFFIC
					CON	ITROL	CON	ITROL
					DR	UMS	SIG	GNS
ROADWAY	STATION	-	STATION	,	NO.	DAYS	NO.	DAYS
USH 8	607+65	-	940+60		30	40	30	40
TOTAL					1,	200	1,	200

ALL ITEMS CATEGORY 0010

PROJECT NO: 1581-14-70 HWY: USH 8 COUNTY: PRICE MISCELLANEOUS QUANTITIES SHEET E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : ____ ORG DATE : ____ ORIGINATOR : DIST PLOT SCALE : 1:1

										<u>CONS</u>	TRUCTION STAKING		
											RESURFACING REFERENCE	SUPPLEMENTAL CONTROL (1581-14-70)	SLOPE STAKES
		DAVÆM	ENT MARKING ITEM	10				BOAD	A/A\/	OTATION OTATION	650.8000	650.9910.01	650.9920
		PAVEIV	IENT WARKING HEI	<u>15</u>				ROAD\ USH 8		STATION - STATION 607+95 - 940+60	LF 33,295	LS 1	LF
		646.0106	646.0406	647.0803	648.0100	649.0402		USH 8		862+50 - 897+50			 500
		0.0.0.00	0.10.0.100	PAVEMENT	0.0.0.00	0.0.0.02		USH 8		894+00 - 898+00	 	 	400
			PAVEMENT	MARKING		TEMPORAR'	Y	TOTAL		004100 000100	33,295	1	900
		PAVEMENT	MARKING	AERIAL		PAVEMENT		101742	•		00,200		000
		MARKING	SAME DAY E	NFORCEMENT		MARKING		ALL ITEMS (CATEGORY 0010)			
		EPOXY	EPOXY	BARS	LOCATING	PAINT							
		4-INCH	4-INCH	EPOXY	NO PASSING	4-INCH							
		WHITE	YELLOW	24-INCH	ZONE	YELLOW							
	Y STATION - STATION	LF	LF	LF	MI	LF					SAWING ASPHALT		
SH 8	607+65 - 940+60	65,600	20,800		6.31	20,800							
SH 8	932+00 LT & RT			12								690.0150	
SH 8 DTAL	938+60 LT & RT	65,600	20,800	12 24	6.31	20,800	_			ROADWAY	LOCATION	LF	
JIAL		05,000	20,600	24	0.31	20,600				USH 8	611+85 - 613+15, RT	170	
										CTH 0	MATCHPOINT	28	
										PENNINGTON RD	MATCHPOINT	20	
										USH 8 TOTAL	940+60	30 248	
										IOIAL		240	
MS CATE	EGORY 0010							ALL ITEMS (CATEGORY 0010				
						RESET AP	RON ENDV	<u>VALL</u>					
							EEDING	SEEDING	FERTILIZER		SOD		
				SPV.006			NO. 60*	TEMPORARY*	TYPE A*		WATER*		
		ROADW				CY	LB	LB	CWT	SY	MGAL		
		USH 8	810+10,			25	1	1	1	25	1		
		USH 8	834+15,			25 25	1	1	1	25 25	1		
		USH 8 USH 8	834+95, 889+58,			25 25	1 1	1 1	l 1	25 25	1		
		USH 8	937+00, LT			25 25	1	1 1	1	25 25	1		
		03110	331 TUU. L I	α ι\ ι Ι		_ U							

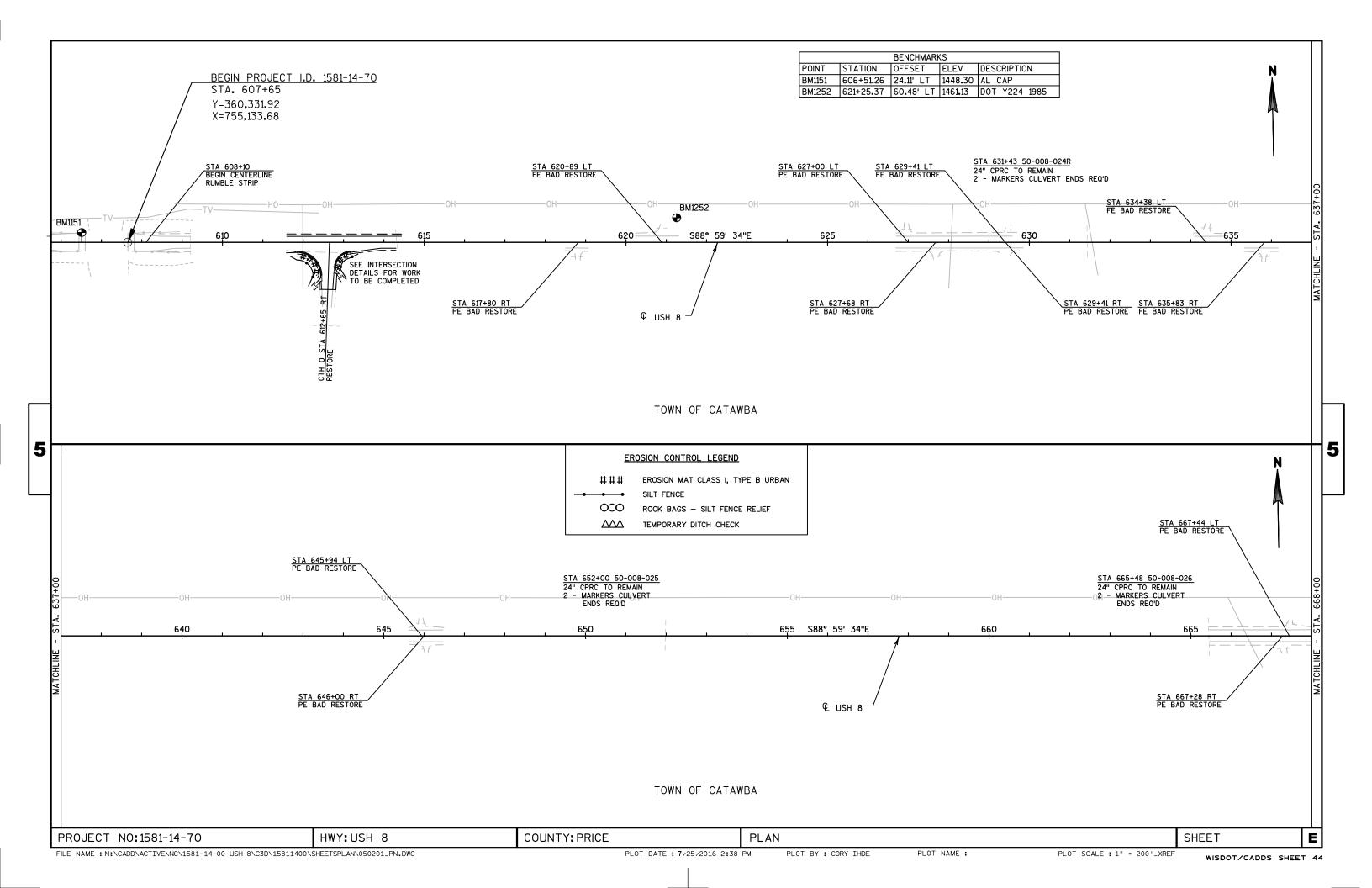
*FOR INFORMATION ONLY

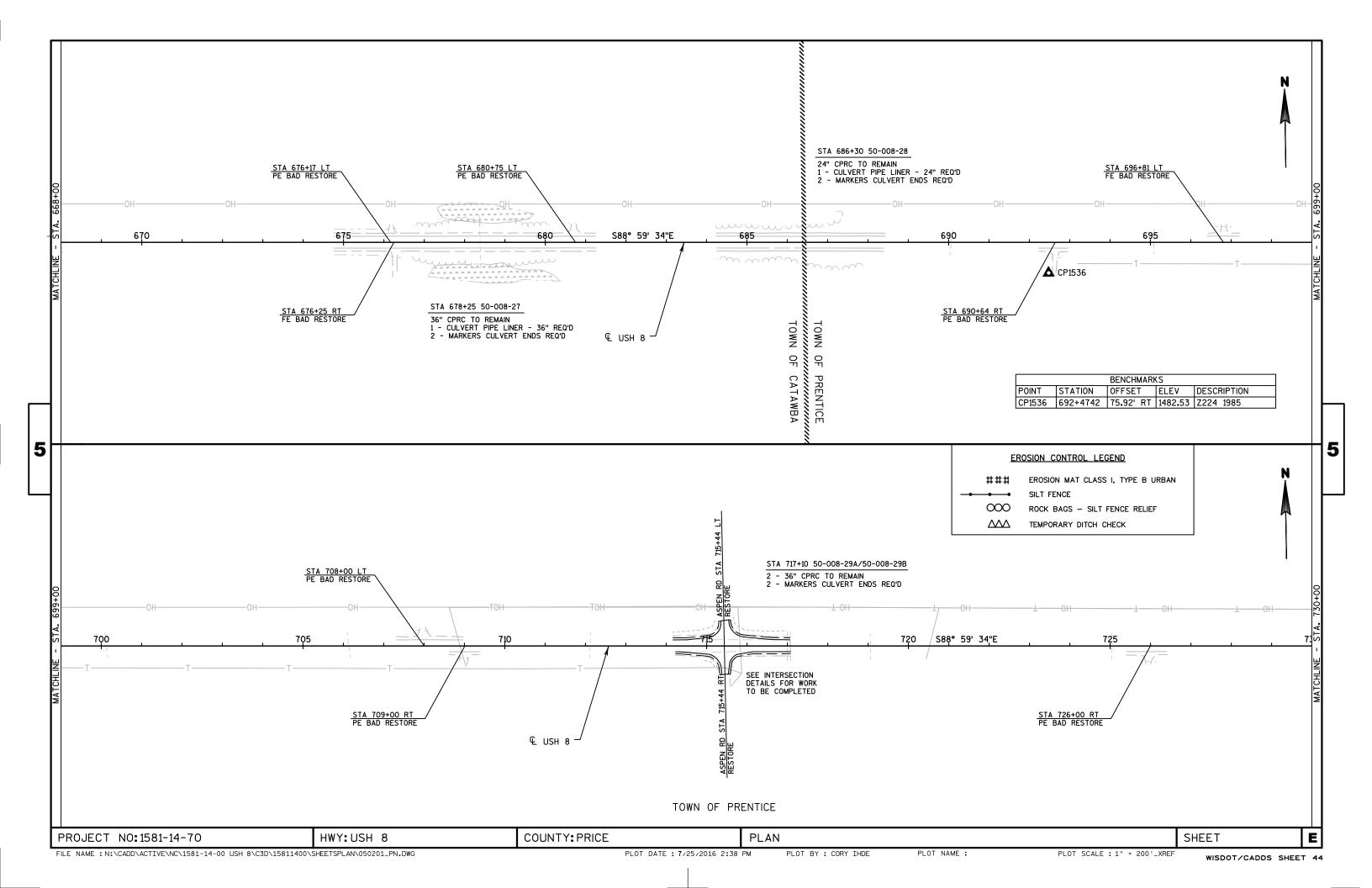
TOTAL

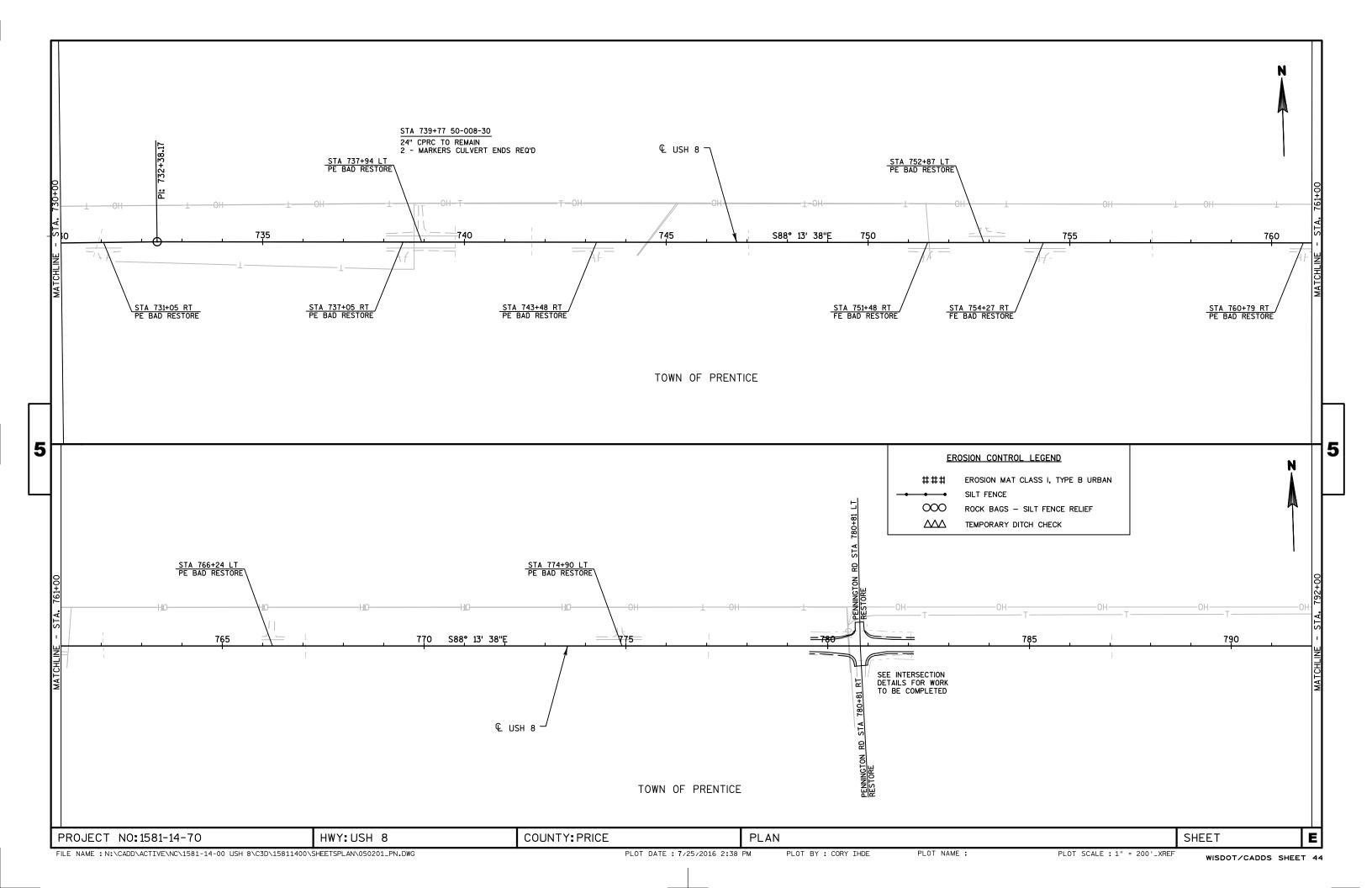
ALL ITEMS CATEGORY 0010

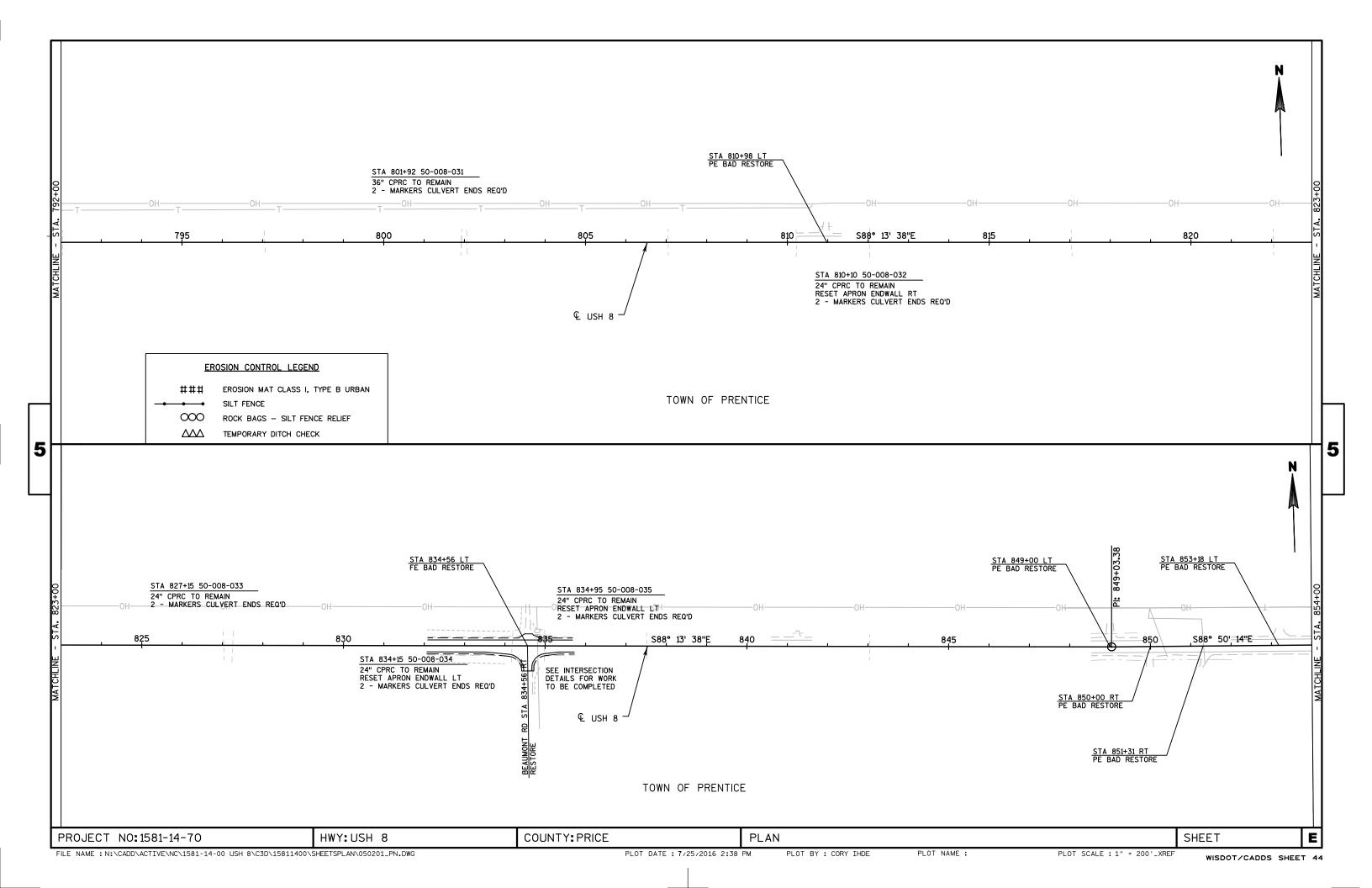
PROJECT NO: 1581-14-70 HW	WY: USH 8	COUNTY: PRICE	MISCELLANEOUS QUANTITIES	SHEET	E
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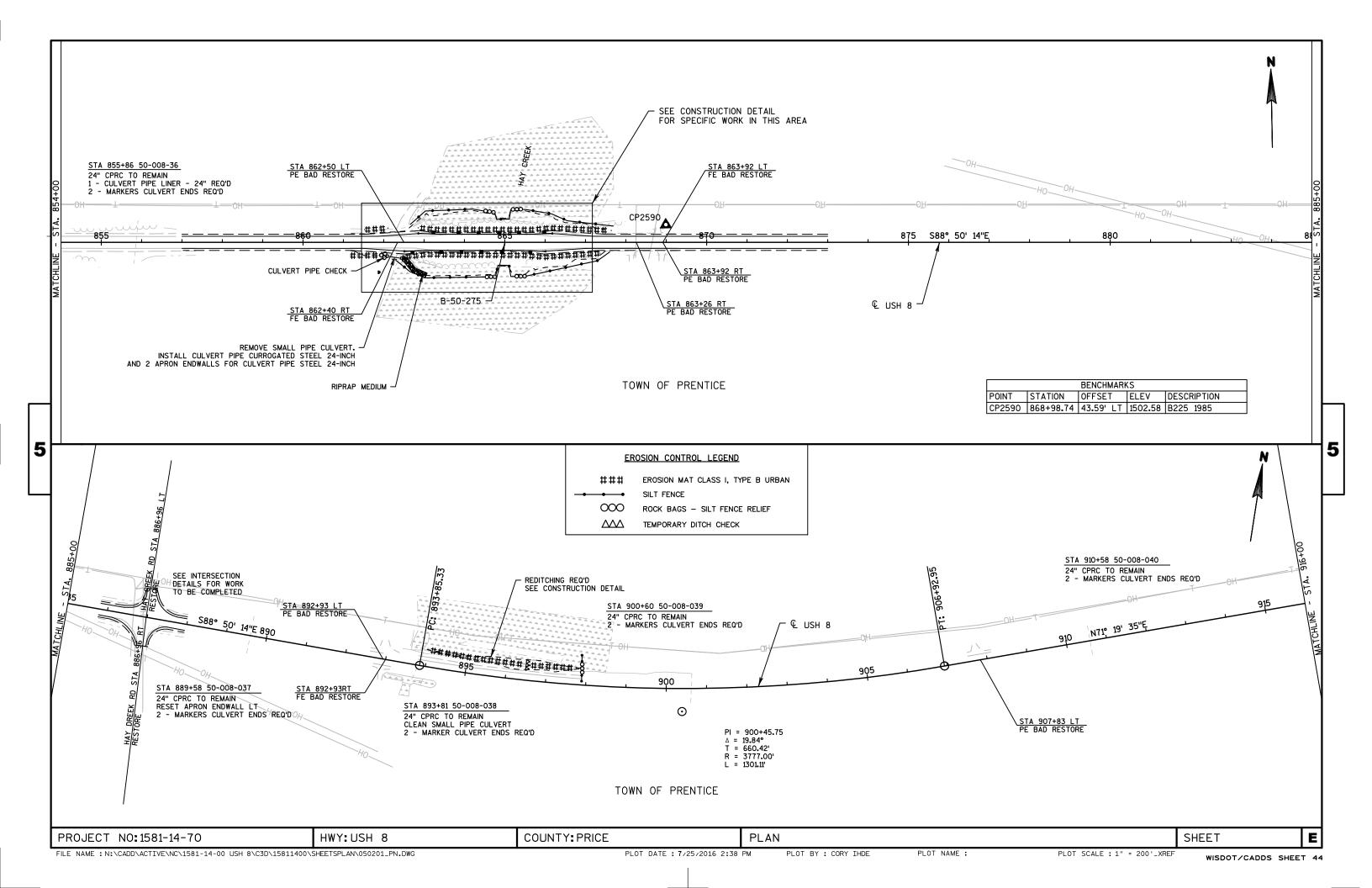
FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT BY : _____ ORG DATE : ____ ORG DATE : ____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

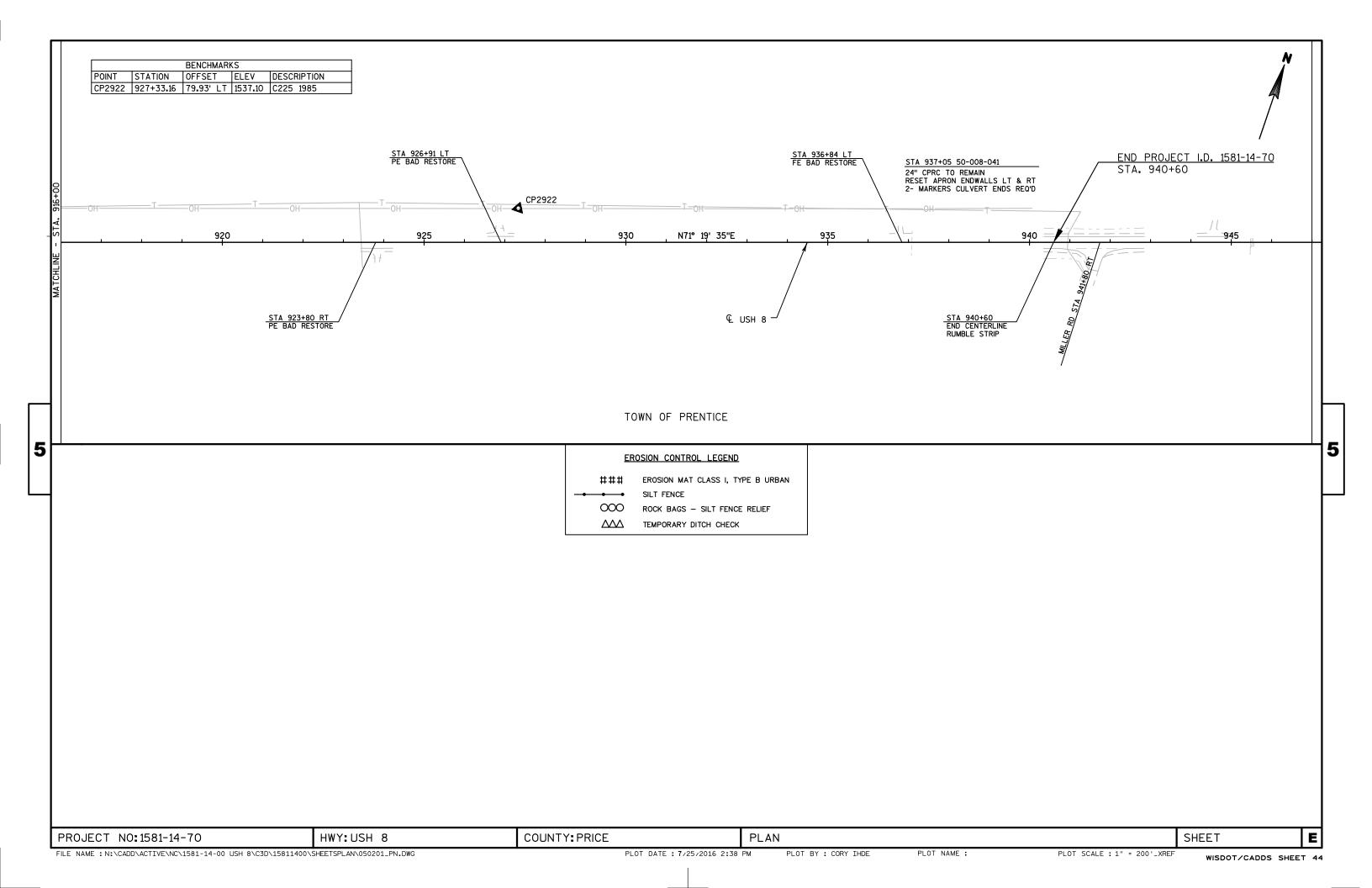






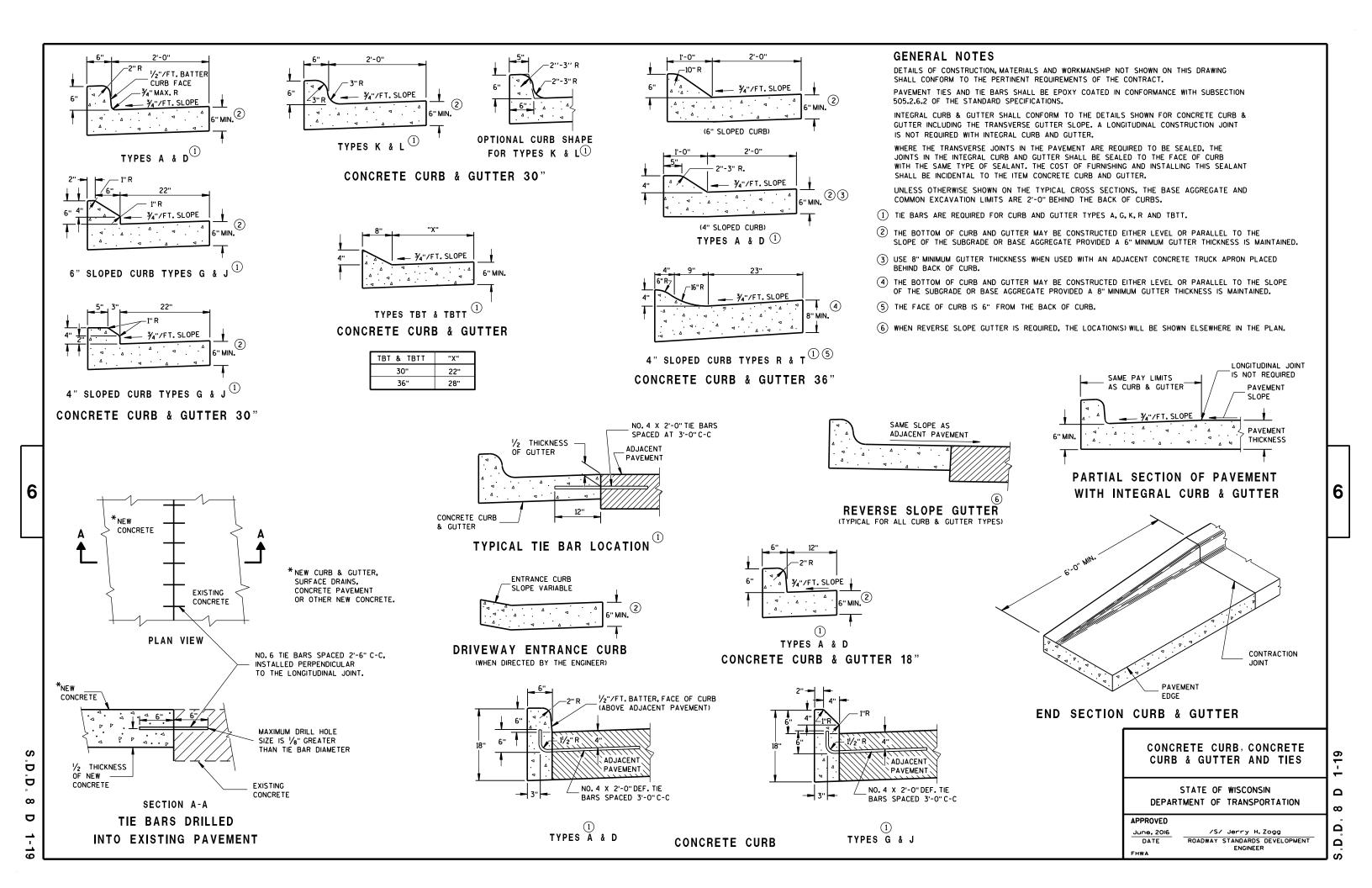


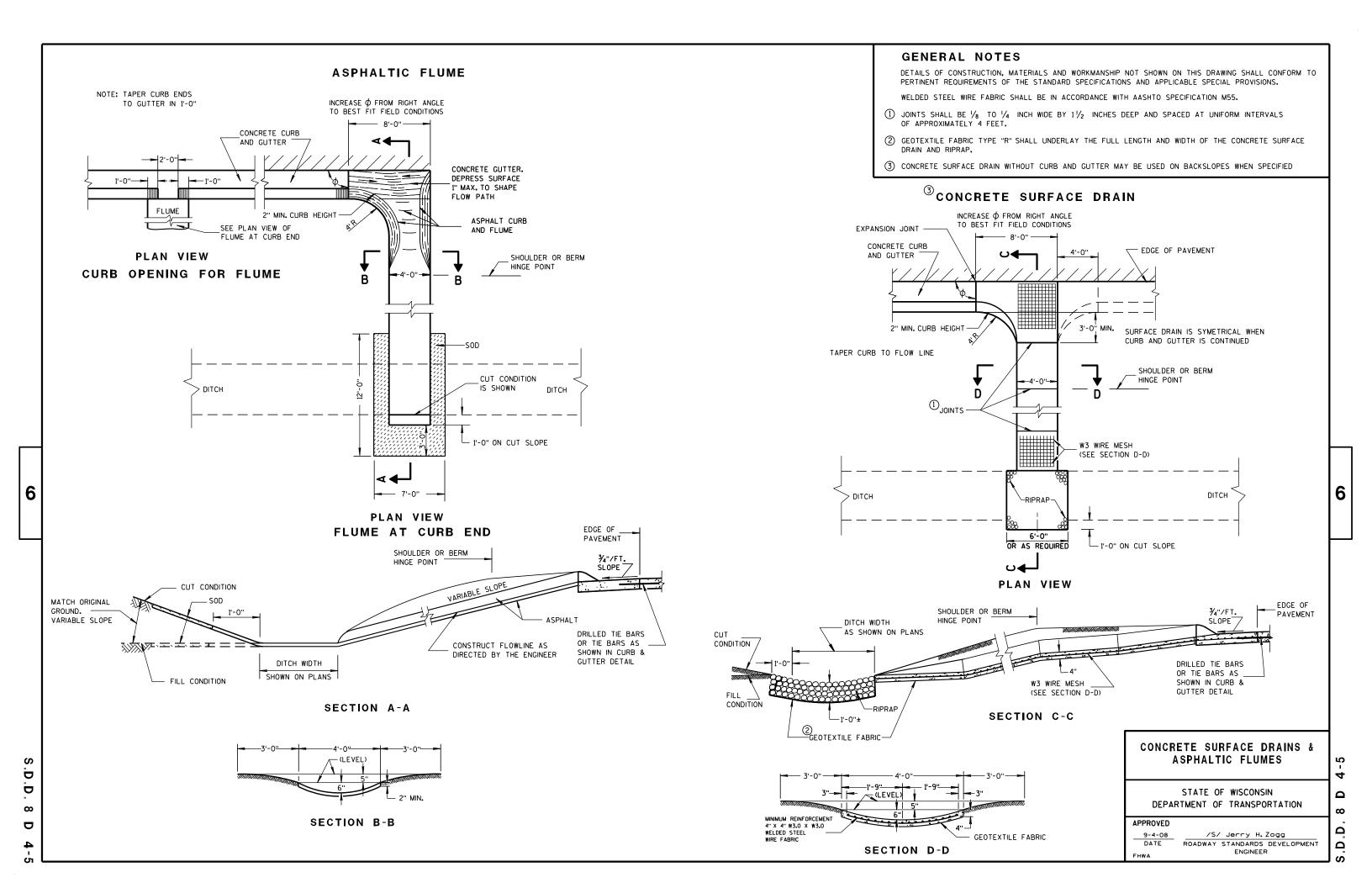




Standard Detail Drawing List

08D01-19 08D04-05 08E08-03 08E09-06	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS SILT FENCE
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
09A01-13A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
13A11-02A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-02B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
14B29-01	SAFETY EDGE
14B42-04A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-04B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-04C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-02A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C03-03	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C14-02	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C19-04A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY





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.

TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.



WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF **EROSION BALES / TEMPORARY** DITCH CHECKS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02 /S/ Beth Connestro
CHIEF ROADWAY DEVELOPMENT ENGINEER

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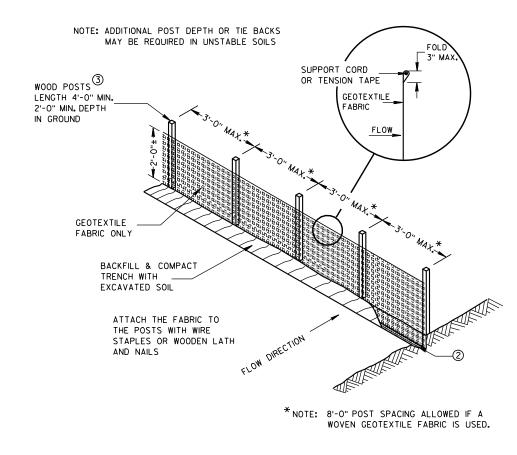
TYPICAL APPLICATION OF SILT FENCE

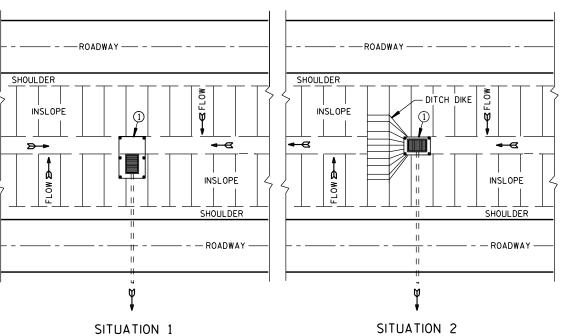
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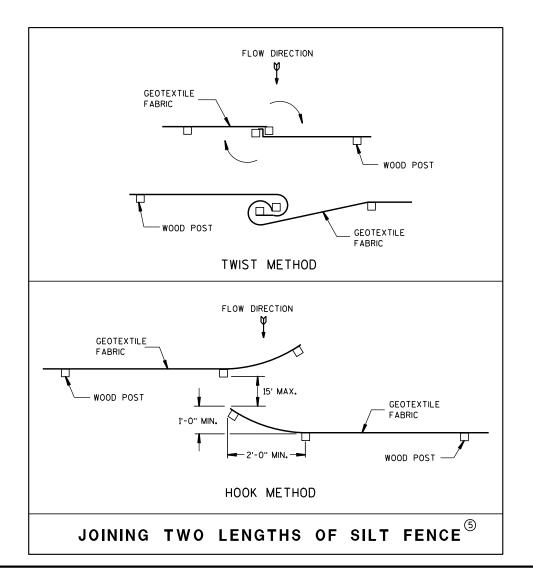
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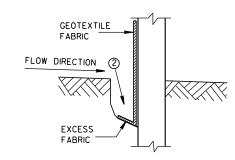
PLAN VIEW SILT FENCE AT MEDIAN SURFACE DRAINS



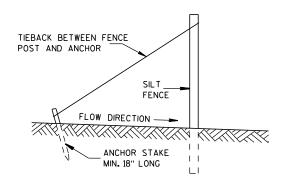
GENERAL NOTES

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

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

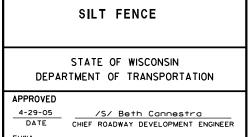


TRENCH DETAIL



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)



SILT FENCE

S.D.D. 8 E 9-6

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METAL APRON ENDWALLS											
PIPE	MIN. 1	THICK.	DIMENSIONS (Inches)							APPROX.	
DIA.	(Inches)		A	В н		L Li		L ₂	W	SLOPE	BODY
(IN.)	STEEL	ALUM.	(±1")	(MAX.)	(±1")	(±1 ½")	①	0	(±2")	320.2	
12	.064	.060	6	6	6	21	12	171/2	24	2½+o 1	1Pc.
15	.064	.060	7	8	6	26	14	213/4	30	2½to 1	1Pc.
18	.064	.060	8	10	6	31	15	281/4	36	21/2+o 1	1Pc.
21	.064	.060	9	12	6	36	18	295/8	42	21/2+o 1	1Pc.
24	.064	.075	10	13	6	41	18	371/4	48	21/2+o 1	1Pc.
30	.079	.075	12	16	8	51	18	521/4	60	21/2+0 1	1Pc.
36	.079	. 105	14	19	9	60	24	59¾	72	21/2+o 1	2 Pc.
42	.109	.105	16	22	11	69	24	75%	84	21/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 ¹ / ₄ +o 1	3 Pc.
54	.109	.105	18	30	12	84	30	851/2	102	2 ¹ / ₄ †o 1	3 Pc.
60	.109×	.105×	18	33	12	87	_	_	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	_	_	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	_	_	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	_	_	132	11/2+0 1	3 Pc.
84	.109×	.105×	18	45	12	87	_	_	138	11/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	_	_	144	11/2+0 1	3 Pc.
96	.109×	.105×	18	35	12	87	_	_	150	1/2+0 1	3 Pc.

	REINFORCED CONCRETE APRON ENDWALLS								
PIPE		APPROX.							
DIA.	T	A	В	С	D	Ε	G	SLOPE	
12	2	4	24	48 1/8	721/8	24	2	3 to 1	
15	21/4	6	27	46	73	30	21/4	3 to 1	
18	21/2	9	27	46	73	36	21/2	3 to 1	
21	23/4	9	36	371/2	731/2	42	23/4	3 to 1	
24	3	91/2	431/2	30	731/2	48	3	3 to 1	
27	31/4	101/2	491/2	24	731/2	54	31/4	3 to 1	
30	$3\frac{1}{2}$	12	54	193/4	731/2	60	31/2	3 to 1	
36	4	15	63	34¾	97¾	72	4	3 to 1	
42	$4\frac{1}{2}$	21	63	35	98	78	41/2	3 to 1	
48	5	24	72	26	98	84	5	3 to 1	
54	51/2		65	**************************************	8 ¹ / ₄ - 100	90	51/2	2% to 1	
60	6	* ** 30-35	60	39	99	96	5	2 to 1	
66	61/2	* ** 24-30	* * * 72-78	* * * 21-27	99	102	51/2	2 to 1	
72	7	* ** 24-36	78	21	99	108	6	2 to 1	
78	71/2	* ** 24-36	78	21	99	114	61/2	2 to 1	
84	8	36	901/2	21	1111/2	120	61/2	1½+o 1	
90	81/2	41	871/2	24	1111/2	132	61/2	11/2+0 1	

THREADED %6" DIA. ROD CONNECTOR AROUND CULVERT & THROUGH TANK TYPE CONNECTOR LUG LUG OR ALTERNATE CONNECTOR STRAP (SEE DETAIL) MEASURED LENGTH OF CULVERT TYPE 1 FOR 12" THRU 24" CORR. PIPE







NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL.

CORRUGATED PIPE. FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5

DIMPLED BAND MAY BE USED WITH HELICALLY

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

1" WIDE, 12 GA. (0.109" THICK) GALVANIZED STRAP WITH STANDARD 6" X 1/2" BAND BOLT AND NUT ALTERNATE FOR TYPE 1 CONNECTION END SECTION CONNECTOR STRAP

* EXCEPT CENTER PANEL SEE GENERAL NOTES





SHOULDER

SLOPE



SIDE ELEVATION METAL ENDWALLS



**MAXIMUM





CONCRETE ENDWALLS

CONNECTION DETAILS



SECTION A-A

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.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA, GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE

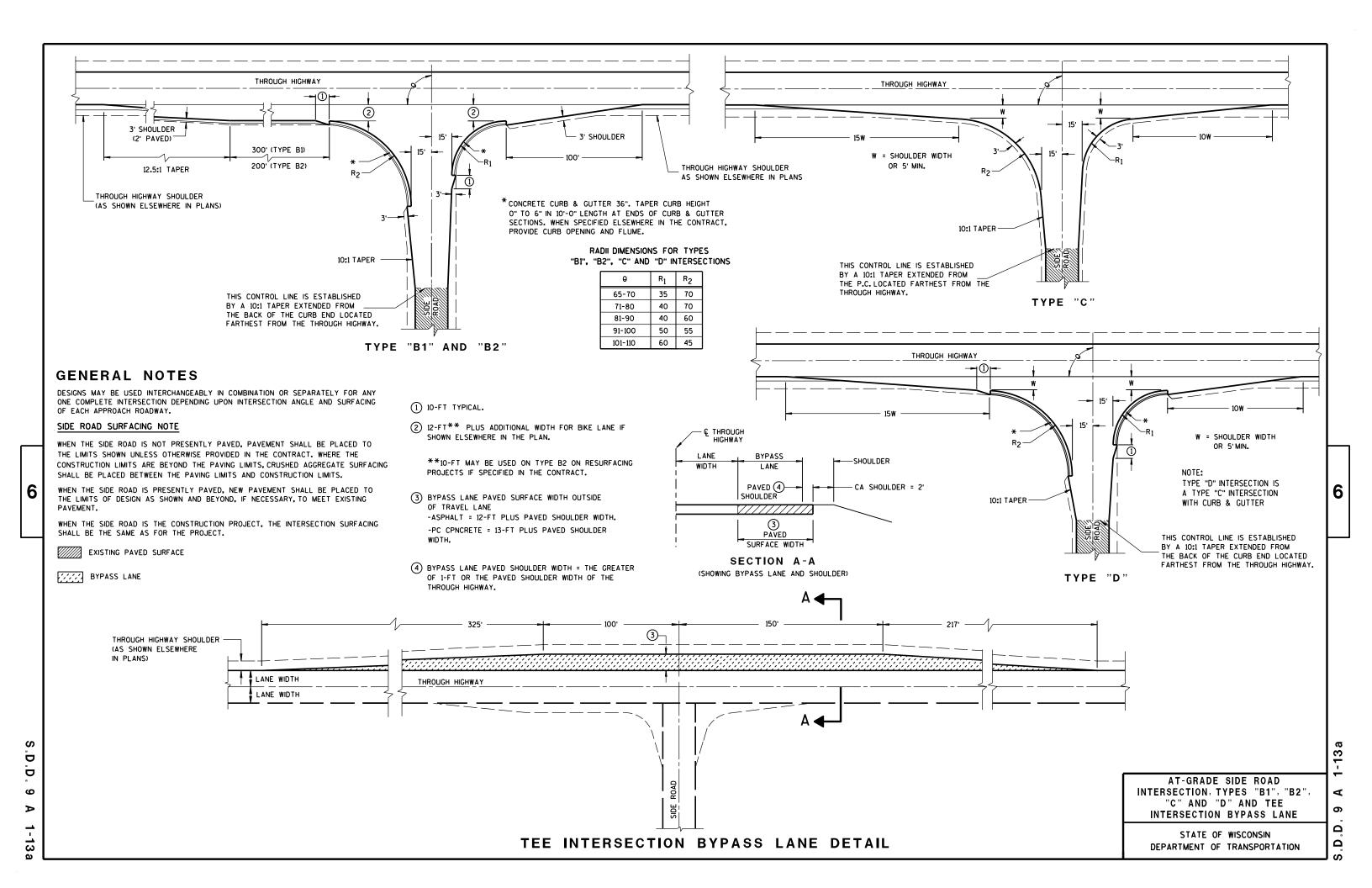
LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES. THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

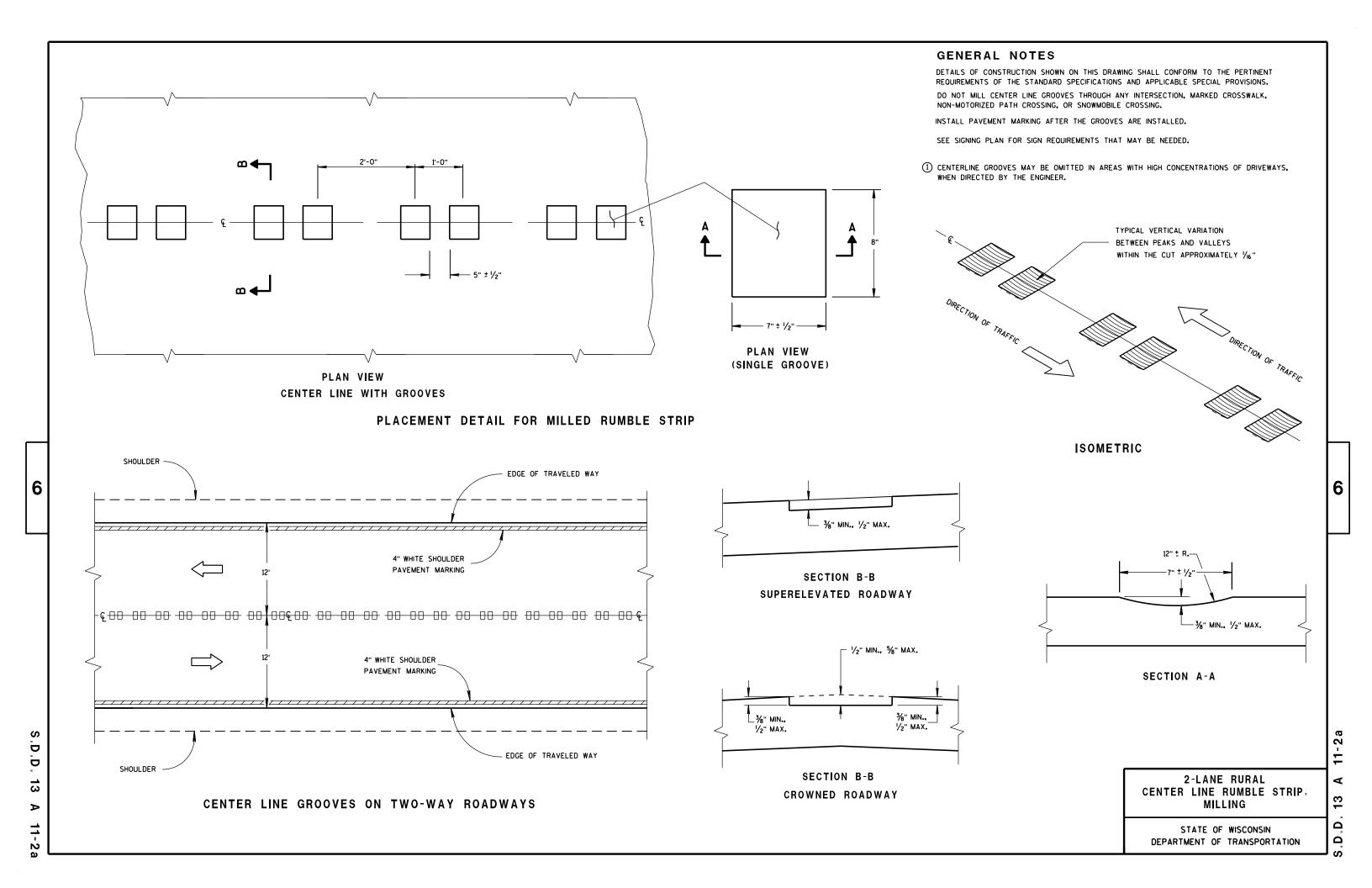
WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

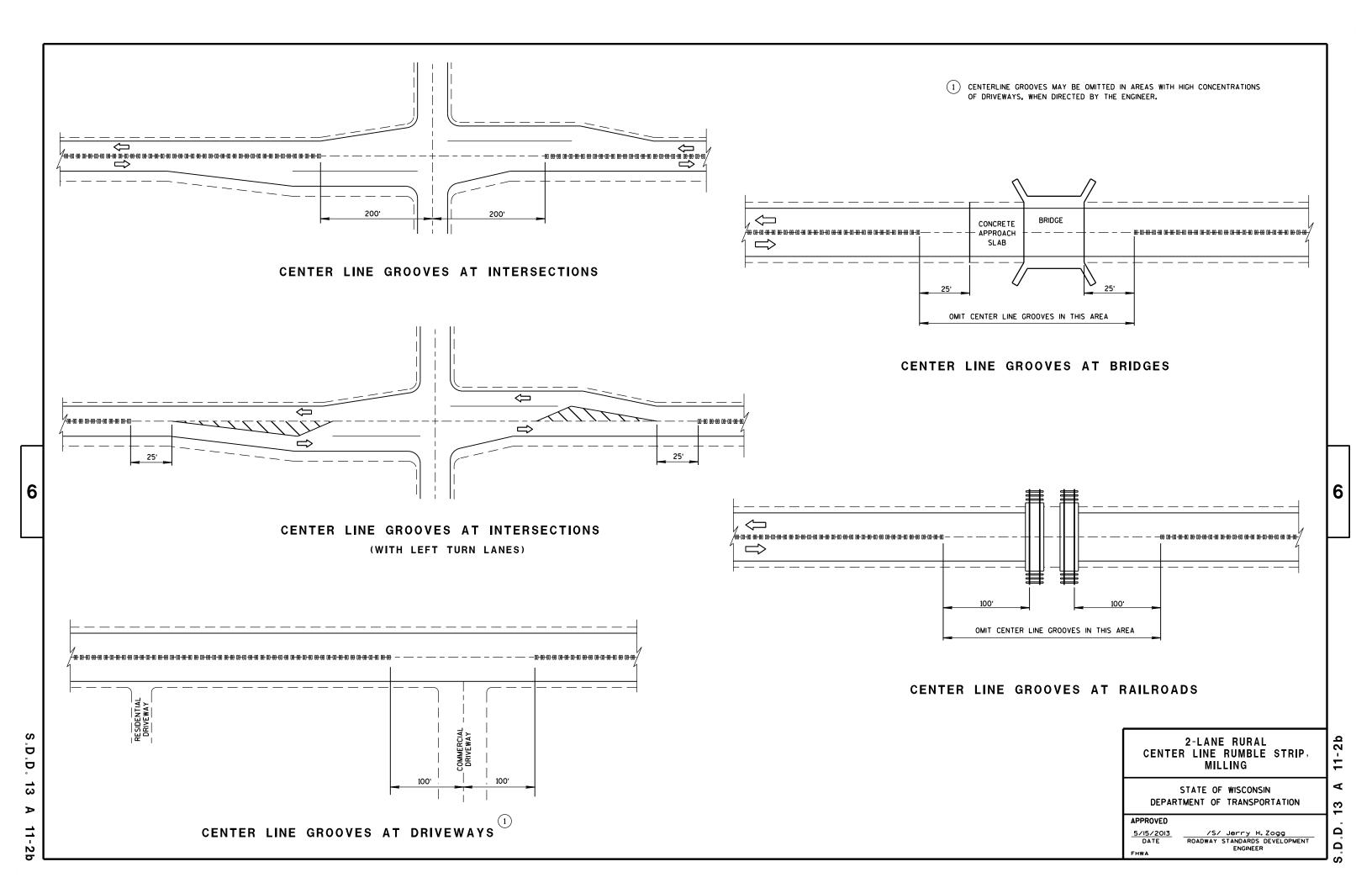
(1) FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

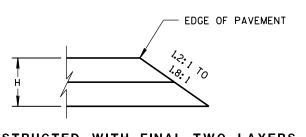


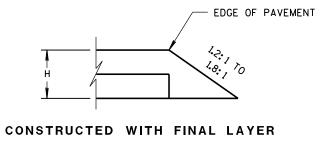
11/30/94 /S/ Rory L. Rhinesmith CHIEF ROADWAY DEVELOPMENT ENGINEER







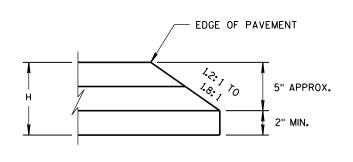


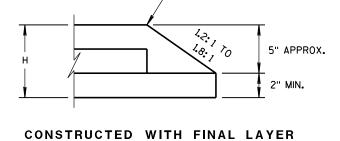


FOR H 5" OR LESS

CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS





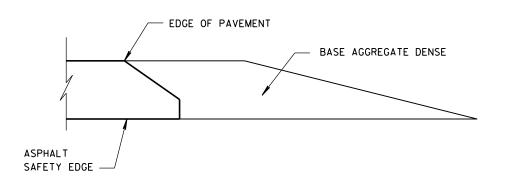
FOR H GREATER THAN 5"

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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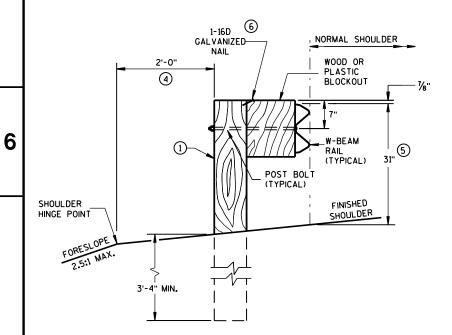
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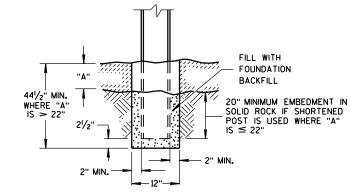
DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER

- 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 21/2 INCHES 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.
- 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 273/4" TO 32".
- (6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



END VIEW

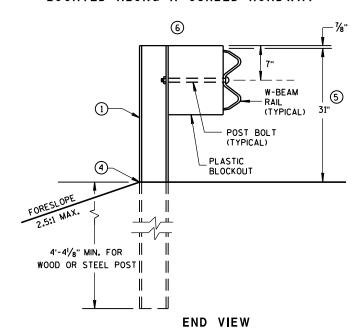
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



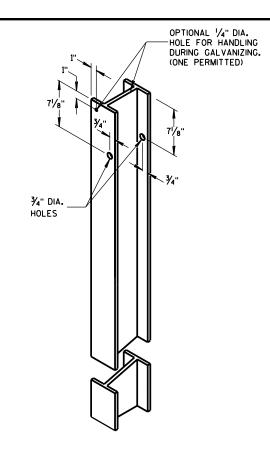
END VIEW SETTING STEEL OR WOOD POST IN ROCK 3



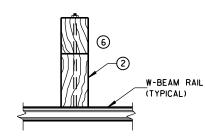
END VIEW LOCATED ALONG A CURBED ROADWAY



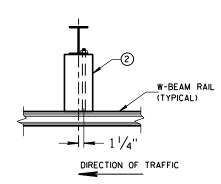
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



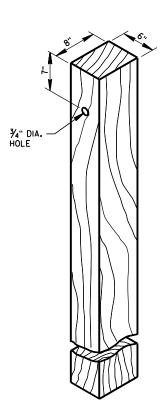
STEEL POST & HOLE PUNCHING DETAIL (w6X9)^①



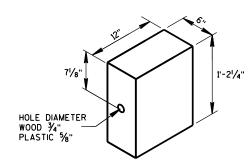
PLAN VIEW WOOD POST, **BLOCKOUT & BEAM**



PLAN VIEW STEEL POST, PLASTIC BLOCKOUT & BEAM



WOOD POST (6" X 8") NOMINAL



WOOD OR PLASTIC BLOCKOUT

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

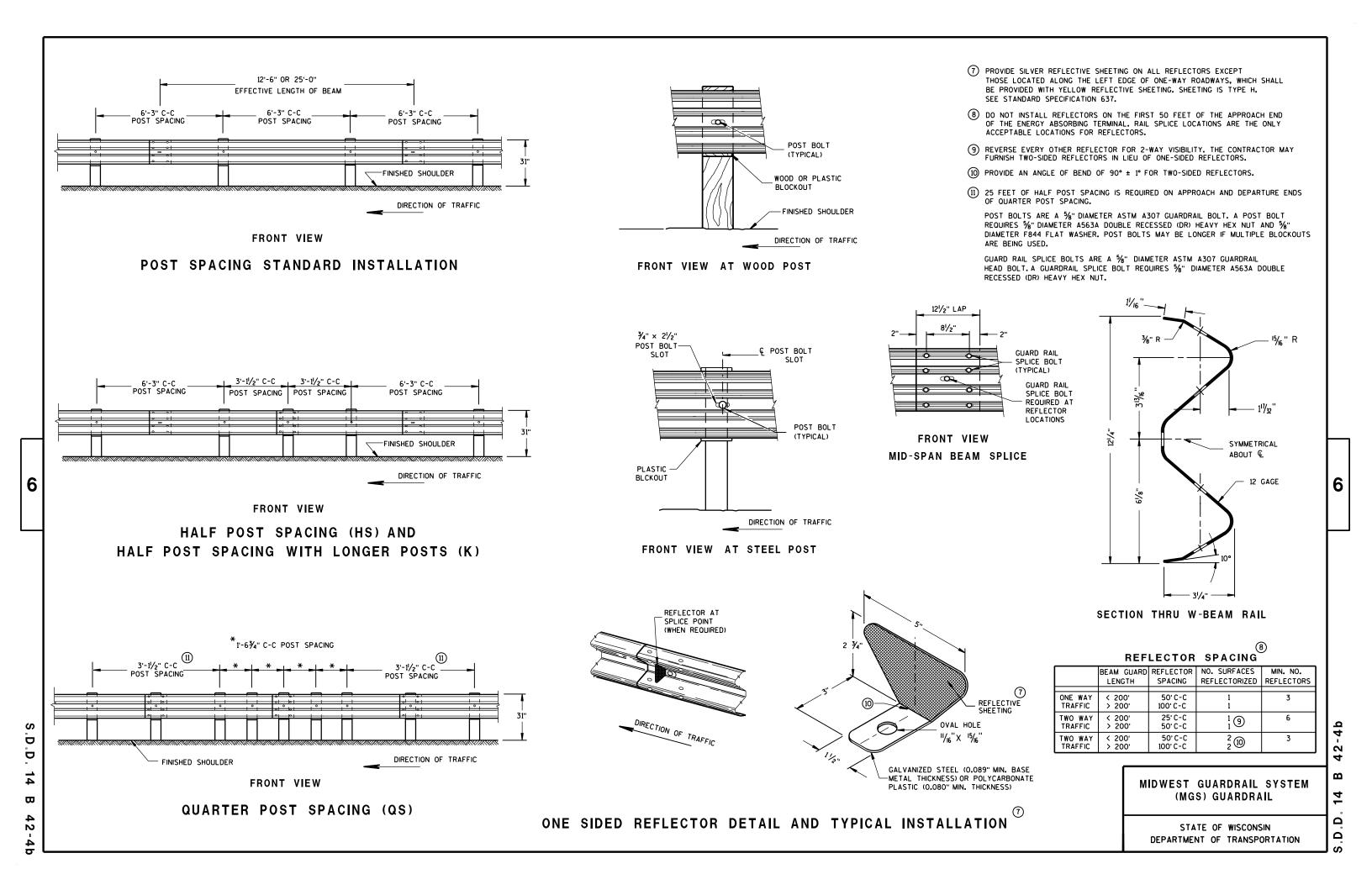
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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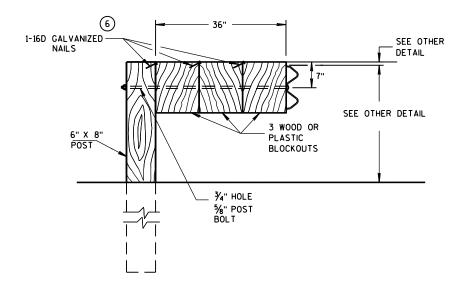
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DETAIL FOR 16" BLOCKOUT DEPTH

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.

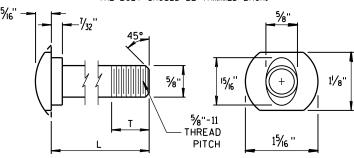


DETAIL FOR 36" BLOCKOUT DEPTH

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.

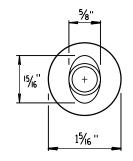
> DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

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.

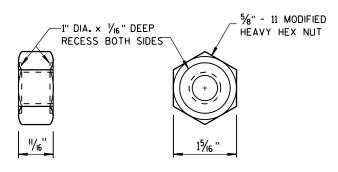


POST BOLT TABLE

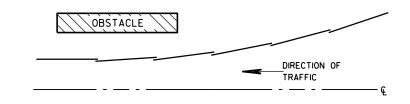
L	T (MIN.)
11/4"	11/8"
2"	13/4"
10"	4"
14"	41/16"
18"	4"
21"	41/16"
25"	4"
•	



ALTERNATE BOLT HEAD

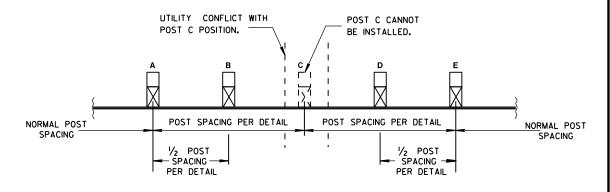


POST BOLT, SPLICE BOLT AND RECESS NUT



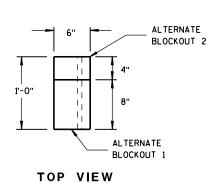
PLAN VIEW

BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION





SIDE VIEW

ALTERNATE WOOD **BLOCKOUT DETAIL**

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

/S/ Jerry H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER

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SECTION A-A SECTION B-B

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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
2	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.
(11)	STANDARD W-BEAM RAIL.MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
12	END SECTION EAT
(3)	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE F PER SECTION 637 OF THE STANDARD SPECIFICATIONS
14)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)



MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

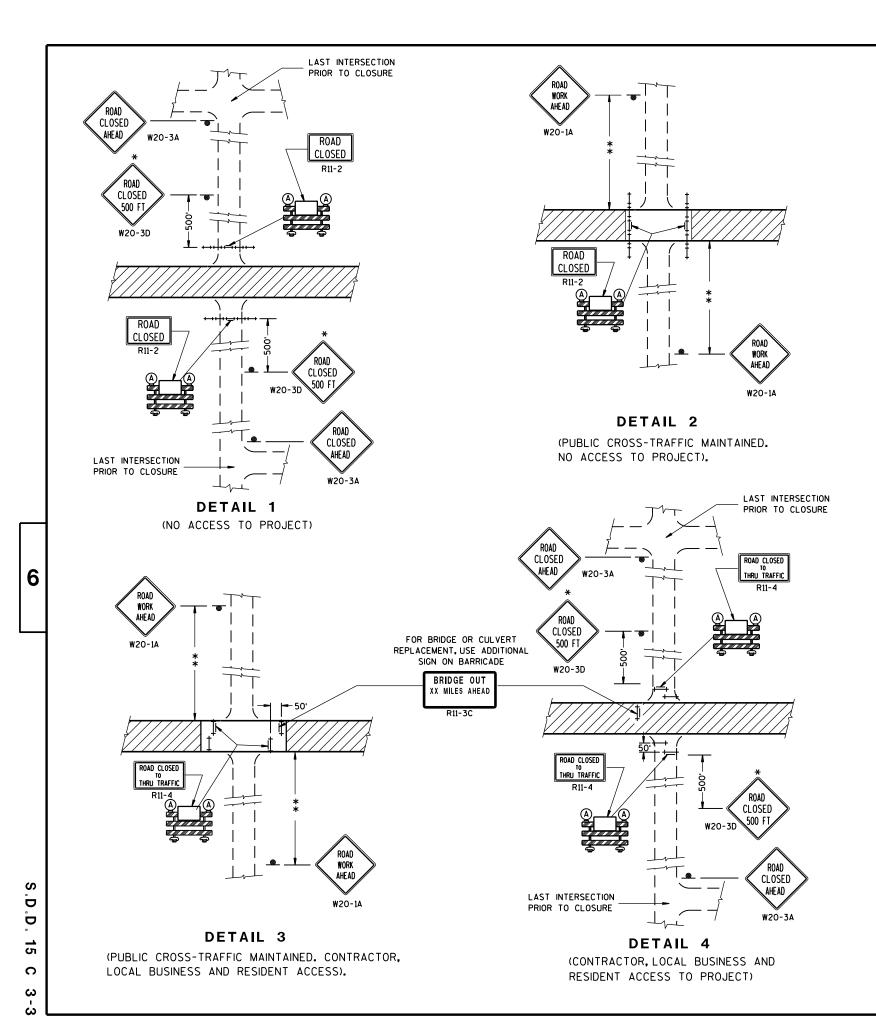
44-2b

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GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

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

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3 AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

*OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FT. OR LESS FROM THE WORK ZONE.

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

LEGEND

SIGN ON PERMANENT SUPPORT

TYPE III BARRICADE

TYPE III BARRICADE WITH
ATTACHED SIGN

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

WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept. 2015

DATE
STATEWIDE WORK ZONE TRAFFIC
SAFETY ENGINEER

S.D.D. 15 C 3

GENERAL NOTES

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

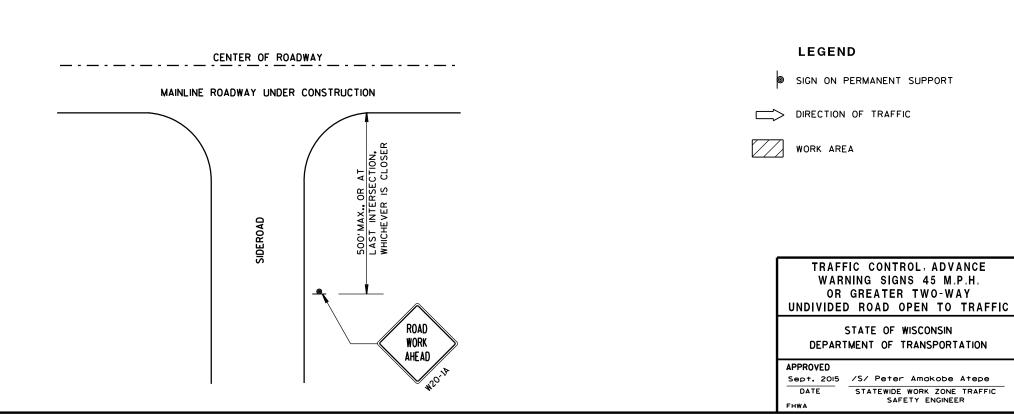
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" 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 W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



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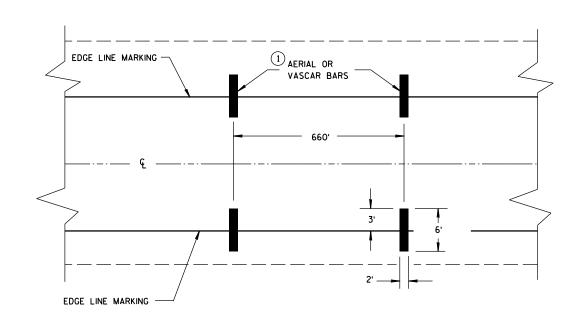
SAFETY ENGINEER







A CAR CAN BE PROVIDED BY THE WISCONSIN STATE PATROL FOR TRAFFIC CONTROL.



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EDGE LINE MARKING

AERIAL OR
VASCAR BARS

6'

EDGE LINE MARKING

TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC

TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

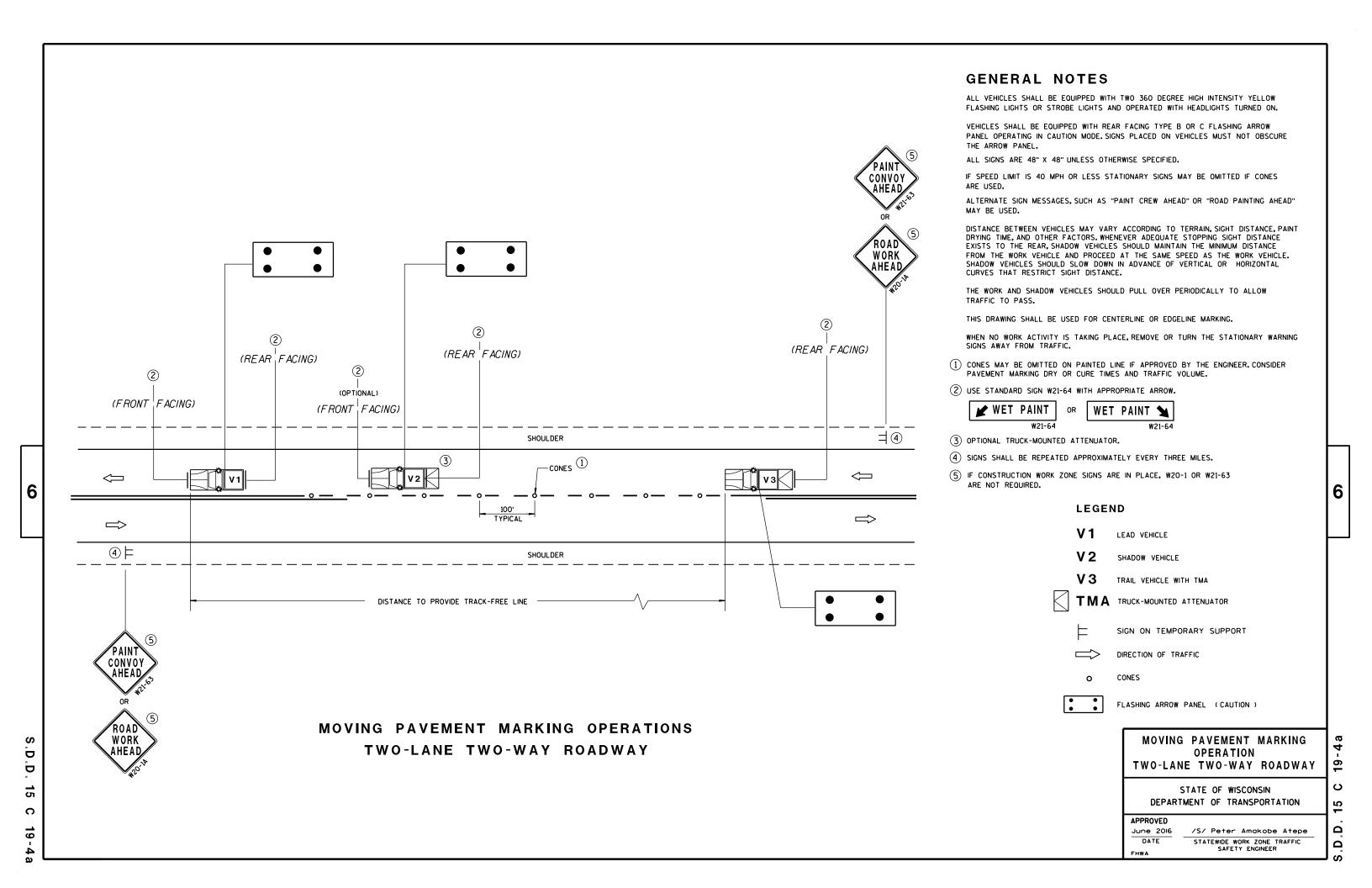
APPROVED

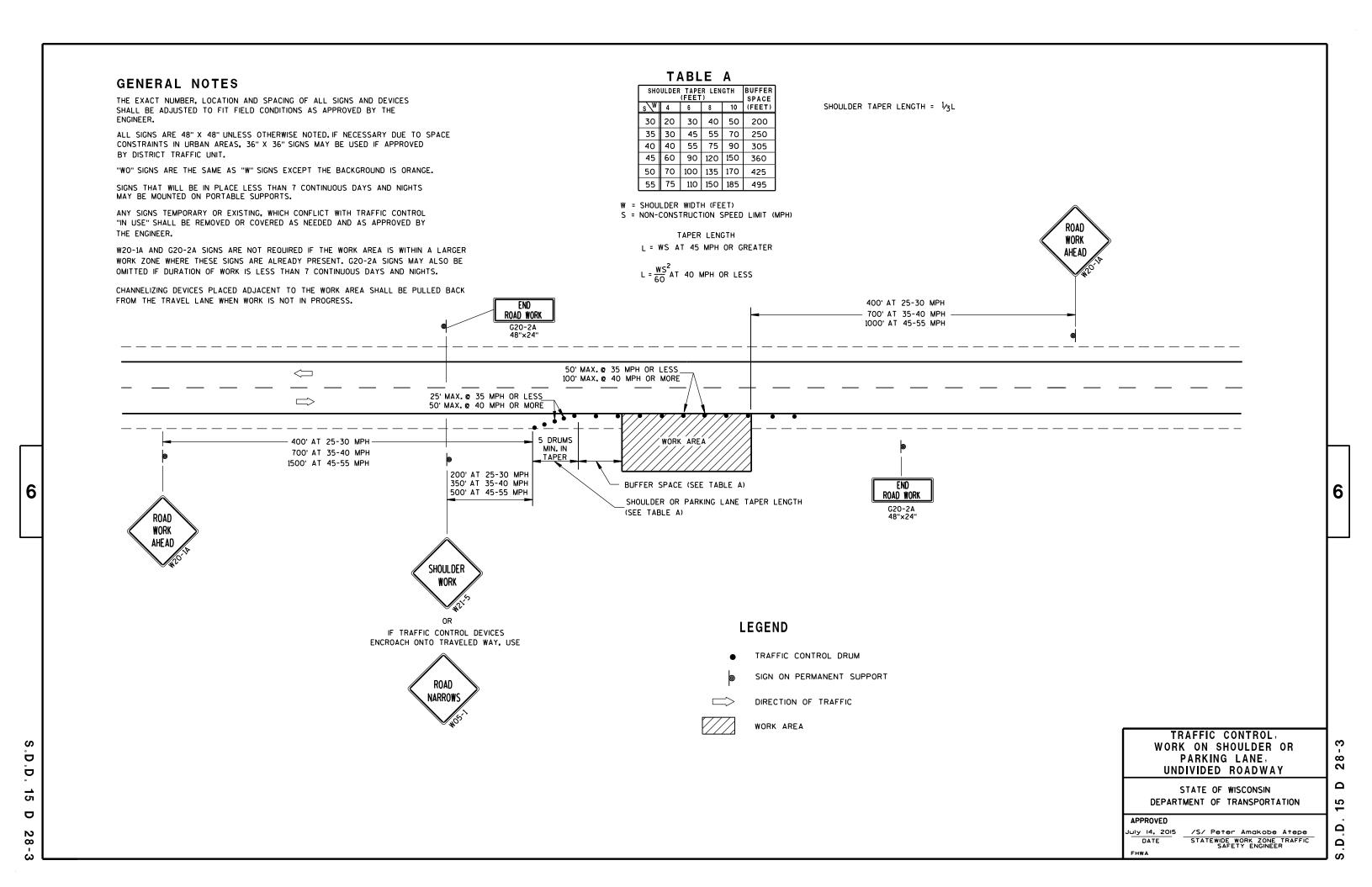
4/18/2016 /S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

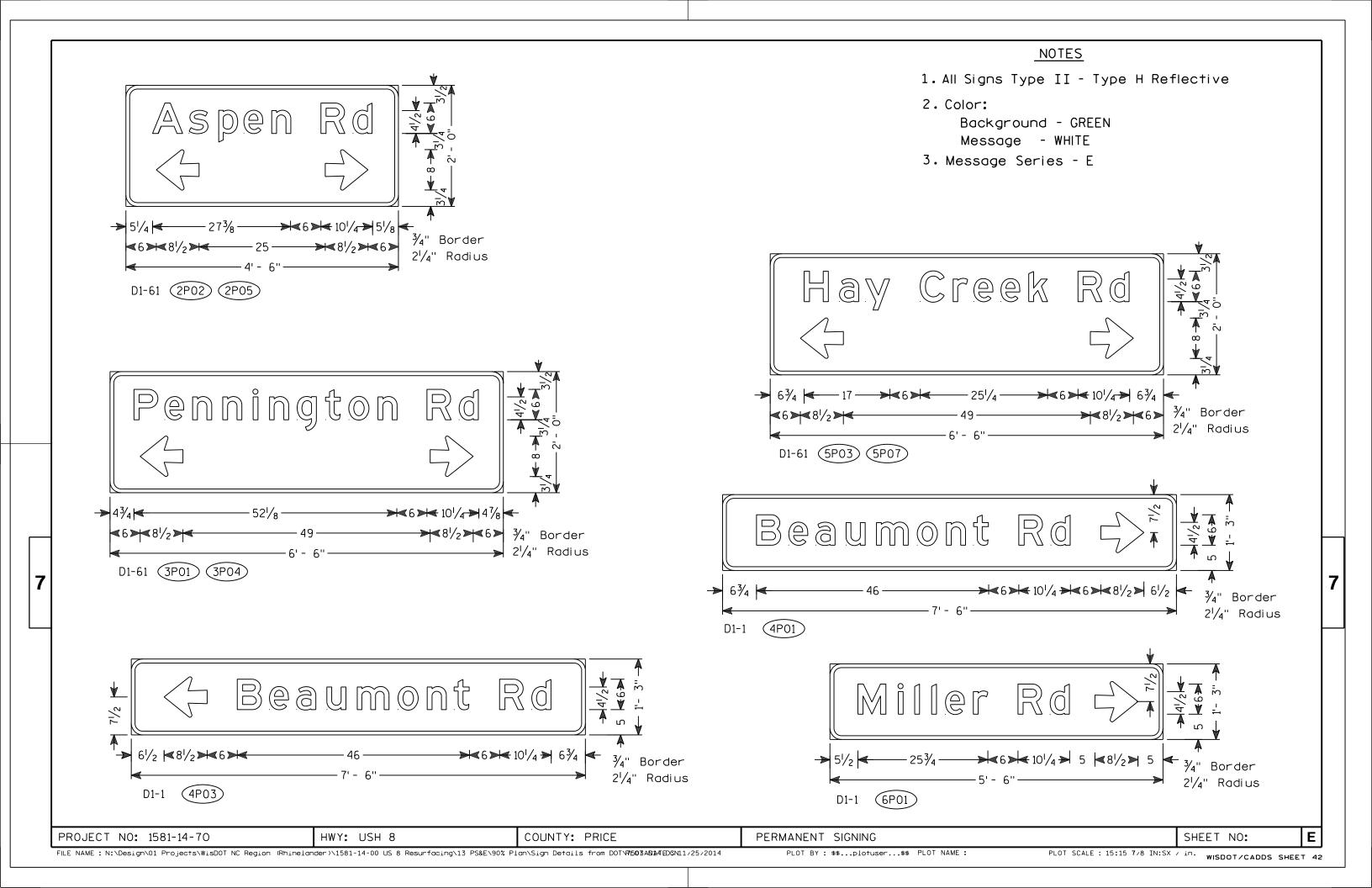
S.D

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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 ARFA



RURAL AREA (See Note 2)



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



5'-3"(生) D^{-1} Outside Edae of Gravel

White Edgeline Location

** 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 or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
- 2. If signs are mounted on barrier wall, see A4-10 sign plate.
- 3. For expressways and freeways, mounting height is $7'-3''(\pm)$ or 6'-3" (±) depending upon existence of a sub-sign.
- 4. Minimum mounting height for J assemblies (A2-1S) is $7'-3''(\pm)$ or $6'-3''(\pm)$ per urban or rural detail respectively.
- 5. Minimum mounting height for signs mounted on traffic signal poles is 5' - 3'' (\pm).
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. The (+) tolerance for mounting height is 3 inches.
- 8. Folding signs shall be mounted at a height of 5'-3'' (\pm) or as directd by the Engineer.
- 9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (\pm) . The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3'' (\pm).

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

SHEET NO:

APPROVED

for State Traffic Engineer

DATE 7/23/15

PLATE NO. <u>A4-3.20</u>

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

PROJECT NO:

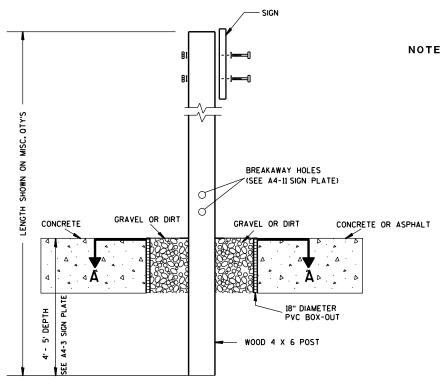
PLOT DATE: 23-JUL-2015 15:21

COUNTY:

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.



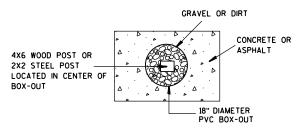
ELEVATION VIEW

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



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

HWY:



COUNTY:

PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Math

For State Traffic Engineer

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

SHEET NO:

PROJECT NO:

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

PLOT DATE: 27-JAN-2014 09:48

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

GENERAL NOTES

- 1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
- 2. See tables below for required number of posts.
- 3. For expressways and freeways, mounting height is 7'-3'' (±) or 6'-3'' (±) depending upon existence of sub-sign.
- 4. The (±) tolerance for mounting height is 3 inches.
- 5. Minimum mounting height for J assemblies (A2-1S) is 7'-3'' (±) or 6'-3'' (±) per urban or rural detail respectively.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
- 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8). Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).
- * 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.
- ** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.
- *** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. 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 **7000** White Edgeline D 11 White Edgeline, Location Outside Edae Location

2' Min - 4' Max (See Note 6) 6'-3"(±) Curb Flowline. -11

48" DIAMOND WARNING SIGN

HWY:

_ 26" 5 ' - 3 "(±) White Edgeline Location Outside Edge of Gravel 48" DIAMOND WARNING SIGN

COUNTY:

Outside Edge

of Gravel

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

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

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

POST EMBEDMENT DEPTH

of Gravel

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

Matther

SHEET NO:

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

PROJECT NO:

PLOT DATE: 23-JUL-2015 15:23

PLOT SCALE: 107.021305:1.000000

WISDOT/CADDS SHEET 42

PLOT NAME :

PLOT BY: mscj9h

WISCONSIN DEPT OF TRANSPORTATION APPROVED

For State Traffic Engineer

PLATE NO. 44-4.14 DATE 7/23/15



Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS
TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Nather R Raw
For State Traffic Engineer

DATE <u>8/11/16</u>

PLATE NO. <u>44-8.8</u>

PROJECT NO:

FILE NAME : C:\CAFfiles\Projects\tr stdplote\A48 DCN

PLOT DATE . 11-416-2016 11:35

PINT RY * \$\$ nintuser \$\$

SHEET NO:

| | |



PROJECT NO: HWY: COUNTY: SHEET NO: FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE: 05-FEB-2015 17:09 PLOT BY: mscsja PLOT NAME : PLOT SCALE: 13.659812:1.000000

DATE 2/05/15

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

For State Traffic Engineer



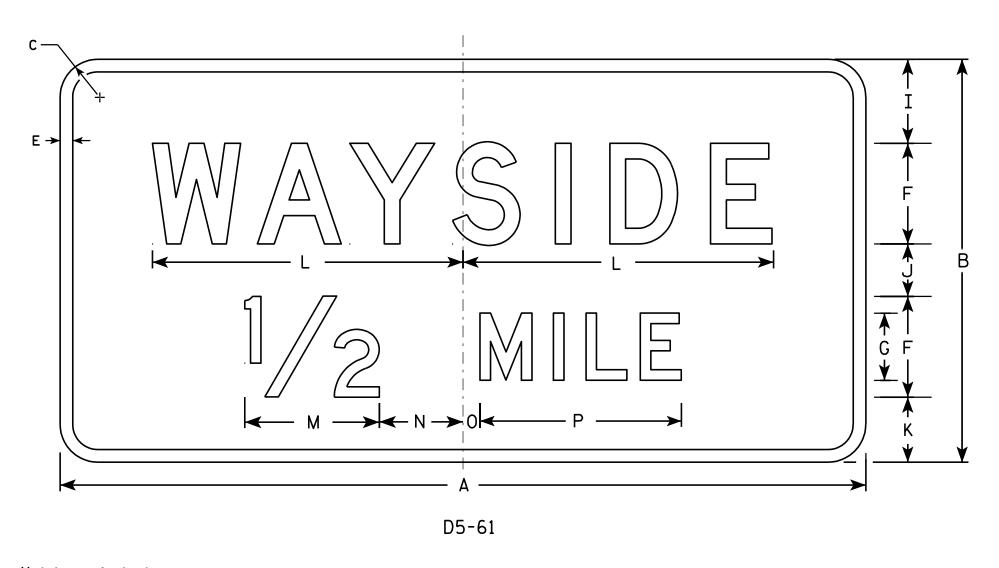


- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Originator : Don Kluever

Background - Blue Message - White

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



Metric equivalent for this sign is:

1200 mm X 600 mm 1950 mm X 1050 mm 5

- 1	SIZE	A	В	C	D	Ł	F	G	н	I	J	K	ᆫᅵ	M	N	0	Р	Q	R	S	T	U	V	W	Х	Y	4		
<i>'0</i>	1																												
	2	48	24	2 1/4		₹4	6	4	6	5	3 1/8	3 %	18 1/2	8	5	1	12											8.0	0.72
5,6,	3																												
2.3.	4	78	42	3		1	10	7	10 1/2	8 ¾	5 ¾	7	30 1/8	14	8 3/4	1 3/4	21											22.8	2.05
· NO	5																												

STANDARD SIGN D5-61

WISCONSIN DEPT OF TRANSPORTATION

DATE 1/09/02

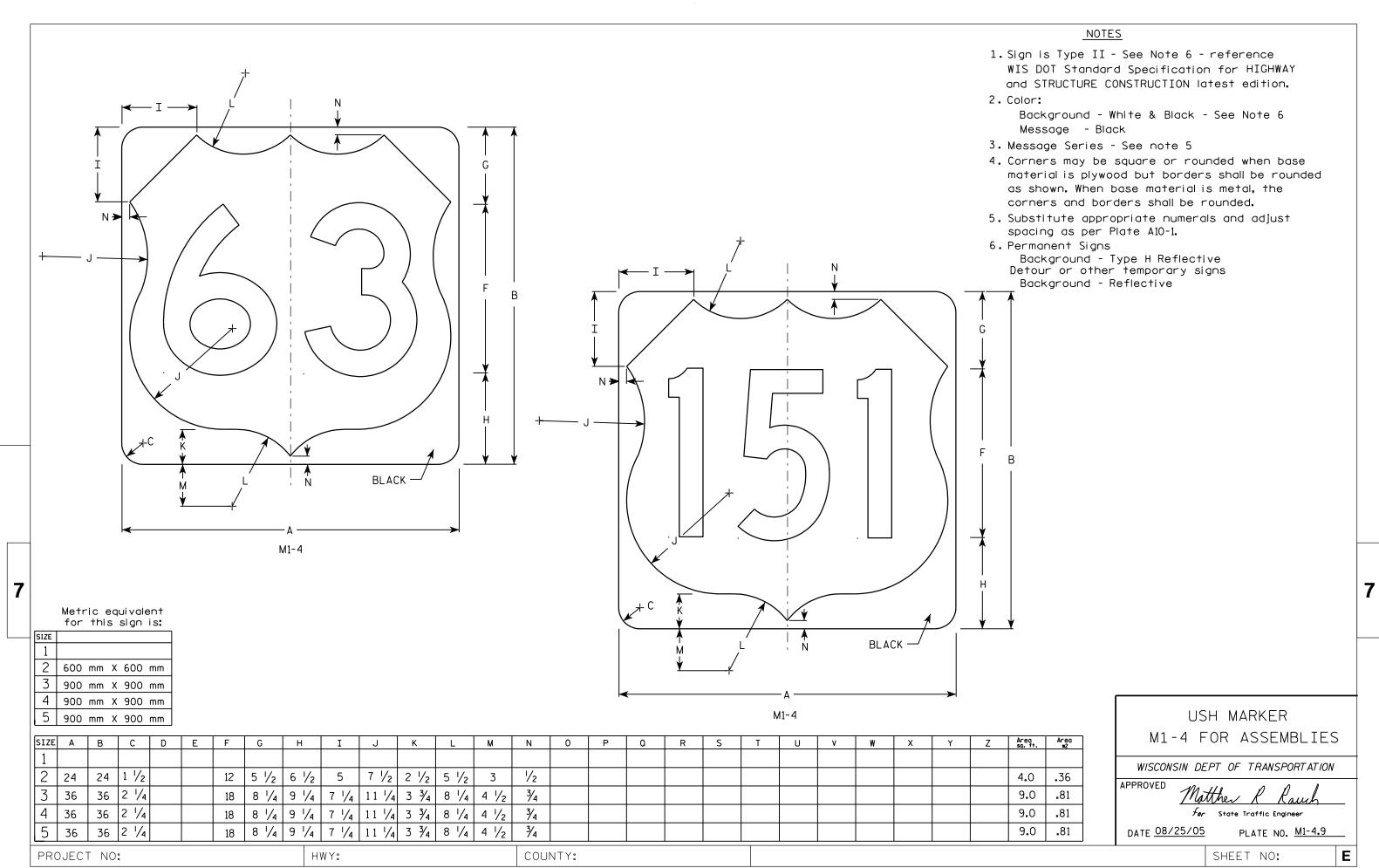
Chester J Spans

For State Traffic Engineer

PLATE NO. <u>D5-61.9</u>

SHEET NO:

STATE PROJECT NUMBER:



FILE NAME : C:\Users\Projects\tr_stdplate\M14.DGN

NOTES

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

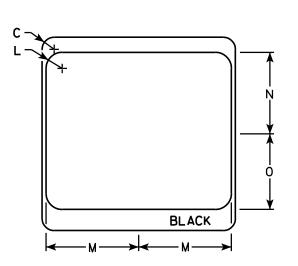
Background - White & Black - See Note 7 Message - Black

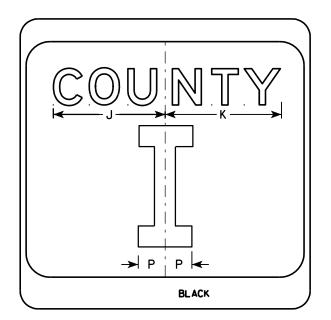
- 3. Message Series see Note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Message Series E for 1 letter.

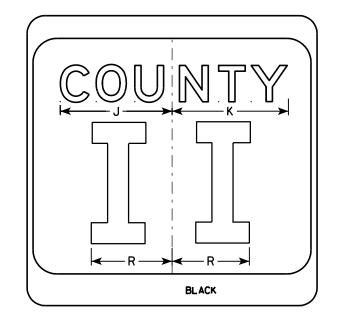
 Message Series D for 2 letters unless
 message is too big then Series C.

 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







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																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 %	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 %		10									9.0
4	36		2 1/4			16	4	7 5/8	5 %	12 1/4	12 %	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
PRO	IFCT	NO:					ни	VY:					COUN	TY•					I								

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther K Rauch

Forstate Traffic Engineer

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

SHEET NO:

BLACK

M1-5A

PLOT NAME :

PLOT SCALE: 5.959043:1.000000

WISDOT/CADDS SHEET 42

NOTES

- 1. Sign is Type II Type H
- 2. Color:

Background - See note 5 Message - See note 5

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M2-1 Background White

Message - Black

MB2-1 Background - Blue

Message - White

MK2-1 Background - Green

Message - White

MM2-1 Background - White

Message - Green

MN2-1 Background - Brown

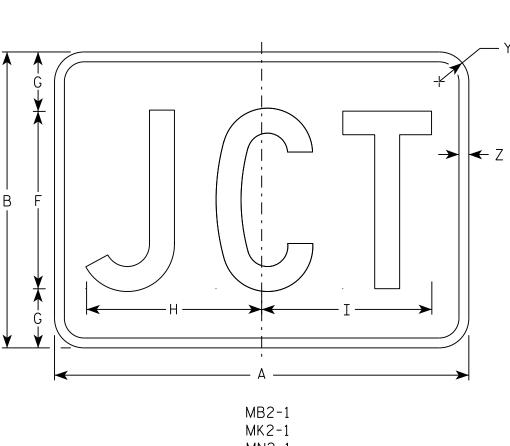
Message - White

MP2-1 Background - White

Message - Blue

MR2-1 Background - Brown

Message - Yellow



MN2-1

MR2-1

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	X	Υ	Z	Area sq. ft.
1																											
2	21	15	1 1/8	3/8	3/8	9	3	8 1/8	8 %																1 1/2	1/2	2.20
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
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
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

COUNTY:

В

STANDARD SIGN

M2 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & Rauch f_{or} State Traffic Engineer

DATE 10/15/15

PLATE NO. M2-1.12 Ε

SHEET NO:

FILE NAME · C·\CAFfiles\Projects\tr stdplote\M21 DGN

PROJECT NO:

M2-1

HWY:

MM2-1

MP2-1

PLOT DATE . 01-DEC-2015 17:54

PLOT BY . \$\$ Diotuser \$\$ PLOT NAME :

PLOT SCALE • 4 864603•1 000000







MP3-1









HWY:



NOTES

- 1. All Signs Type II Type H
- 2. Color:

Background - See note 5 Message - See note 5

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

5. M3-1 thru M3-4 Background - White Message - Black

MB3-1 thru MB3-4 Background - Blue

Message - White

MK3-1 thru MK3-4 Background - Green

Message - White

MM3-1 thru MM3-4 Background - White

Message - Green

MN3-1 thru MN3-4 Background - Brown

Message - White

MP3-1 thru MP3-4 Background - White

Message - Blue

6. Note the first letter of each direction is larger than the remainder of the message.

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

COUNTY:

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

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

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

Ε

SHEET NO:

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

PROJECT NO:

PLOT DATE . 01-DEC-2015 17:54

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

PLOT SCALE . 11 675051.1 000000







MR6-1

HWY:



NOTES

- 1. Signs are Type II Type H except as Shown
- 2. Color:

Background - See note 4 Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M6-1 and M6-2 Background White

Message - Black

MB6-1 and MB6-2 Background - Blue

Message - White

MK6-1 and MK6-2 Background - Green

Message - White

MM6-1 and MM6-2 Background - White

Message - Green

MN6-1 and MN6-2 Background - Brown

Message - White

M06-1 and M06-2 Background - Orange - Type F Reflective

Message - Black

MP6-1 and MP6-2 Background - White

Message - Blue

MR6-1 and MR6-2 Background - Brown

Message - Yellow



SIZE	: Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	٥	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3%		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%		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25

COUNTY:

STANDARD SIGN M6-1 & M6-2 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & Rawl For State Traffic Engineer

Ε

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

SHEET NO:

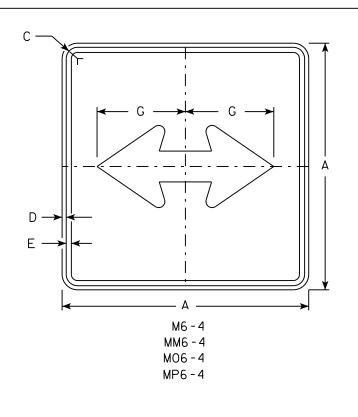
FILE NAME · C·\CAFfiles\Projects\tr stdplote\M61 DCN

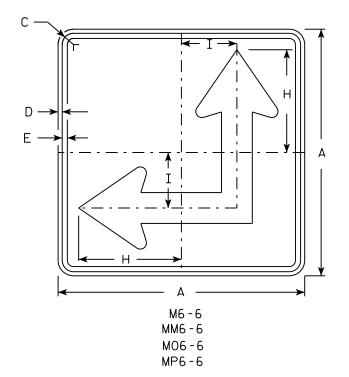
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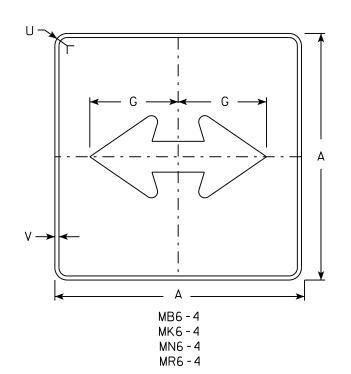
PLOT DATE . 01-DEC-2015 17:57

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

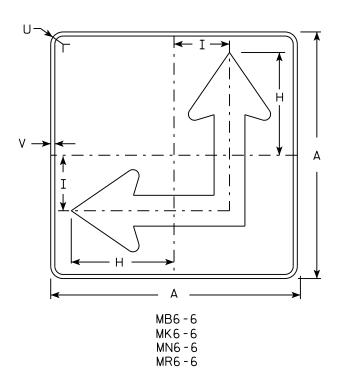
PLOT SCALE . 11 675051.1 000000







HWY:



NOTES

- 1. Signs are Type II Type H except as Shown
- 2. Color:

Background - See Note 4 Message - See Note 4

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

MB6-4 and MB6-6 Background - Blue

Message - White

MK6-4 and MK6-6 Background - Green

Message - White

and MM6-6 Background - White MM6-4

Message - Green

MN6-4 and MN6-6 Background - Brown

Message - White

M06-4 and M06-6 Background - Orange - Type F Reflective

Message - Black

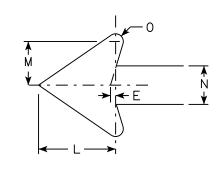
MP6-4 and MP6-6 Background - White

Message - Blue

MR6-4 and MR6-6 Background - Brown

Message - Yellow

5. M6-6R same as M6-6L except arrow points ahead and right.



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	a	R	S	T	U	٧	W	X	Y	Z	Area 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 5/8	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	3/4						1 1/8	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 ½	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

SHEET NO:

APPROVED

DATE 10/15/15

PLATE NO. M6-4.10 Ε

PLOT DATE . 01-DEC-2015 17.58

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

PLOT SCALE . 11 675051.1 000000

PROJECT NO:

NOTES 1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. 2. Color: Background - Red Message - White 3. Message Series - C R1-1 SIZE A STANDARD SIGN 30 5/8 10 12 1/2 45° 12 3/4 5.18 2S 30 5/8 12 1/2 45° 12 3/4 10 5.18 R1-1 2M 36 3/4 12 15 45° 15 % 7.46 3/4 15 3/8 12 45° 36 15 7.46 WISCONSIN DEPT OF TRANSPORTATION 45° 20 1/2 48 16 20 13.25 APPROVED Matthew & Kauch 5 48 16 20 45° 20 1/2 13.25 3/8 7 3/4 45° 7 3/4 1.86 18 6 For State Traffic Engineer 12 1/4 4 45° 5 1/8 0.78 DATE <u>11/12/15</u> PLATE NO. _____R1-1.13 COUNTY: SHEET NO: PROJECT NO: HWY: PLOT SCALE • 4 378143•1 000000

FILE NAME · C·\CAFfiles\Projects\tr stdplote\R11 DGN

PLOT DATE . 01-DEC-2015 18:07

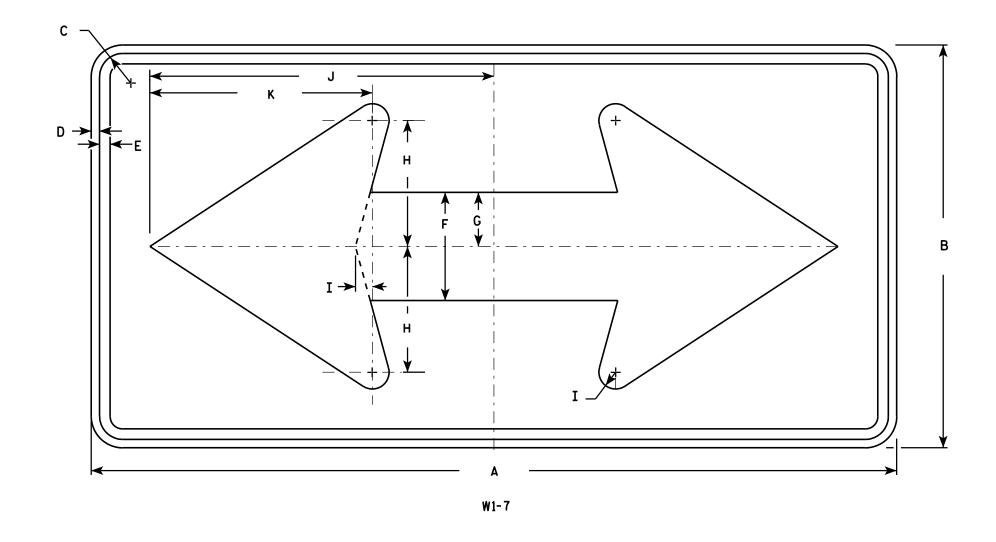
PINT RY . \$\$ plotuser \$\$ PINT NAMF :

NOTES

- 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.



SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	T	U	٧	₩	Х	Y	Z	Area sq. ft.
1	36	18	1 1/8	3⁄8	1/2	5	2 1/2	5 ¾	3/4	15 5/	10 1/8																4.5
2S	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/	2 13 1/4																8.0
2M	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/	2 13 1/4																8.0
3	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/	ß 16 1/4																12.5
5	96	48	2 1/4	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

COUNTY:

STANDARD SIGN W1-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R

For State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-7.7

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W17.DGN

PROJECT NO:

HWY:

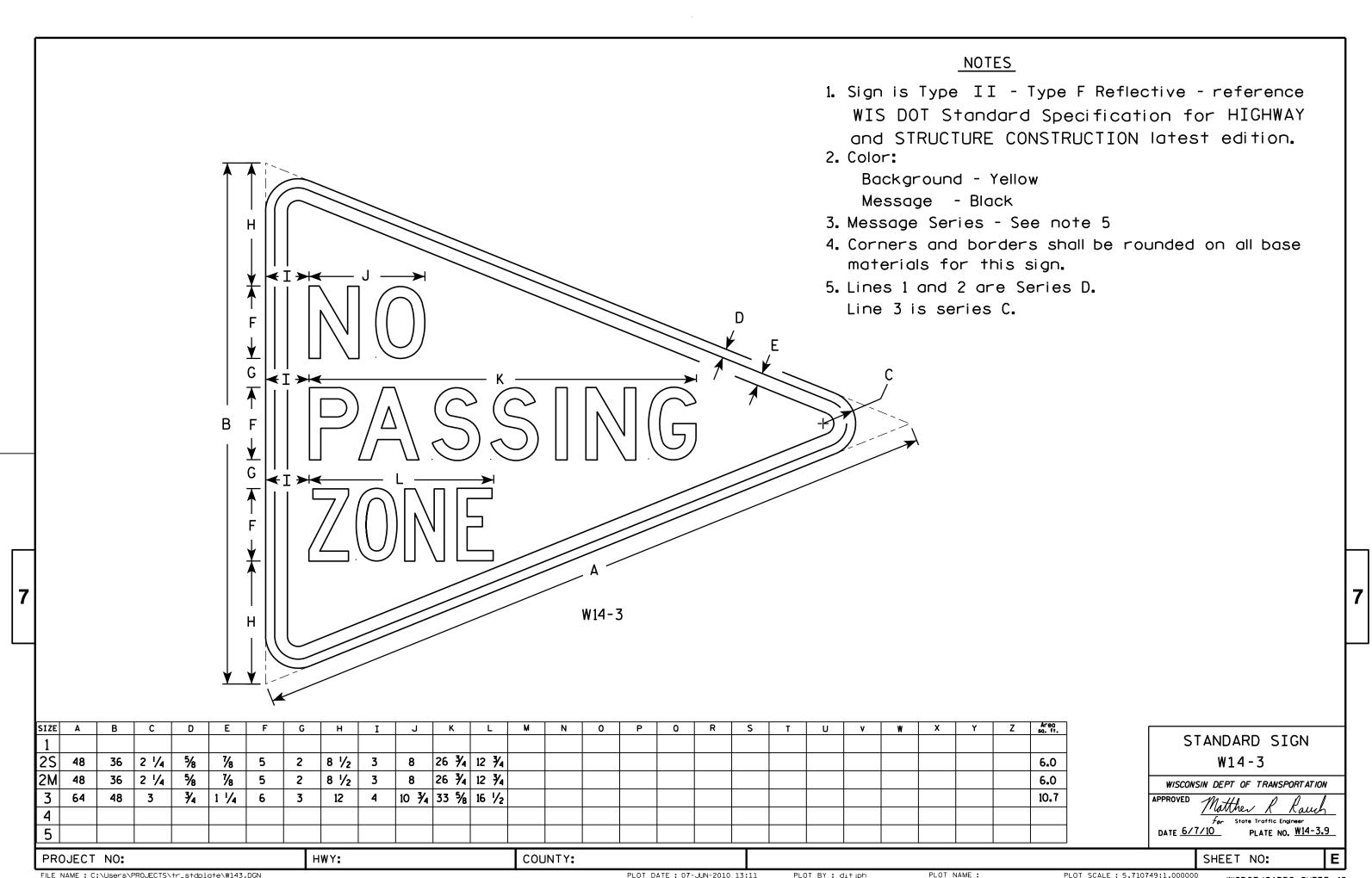
PLOT DATE: 07-JUN-2010 12:35

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE: 5.720679:1.000000

WISDOT/CADDS SHEET 42



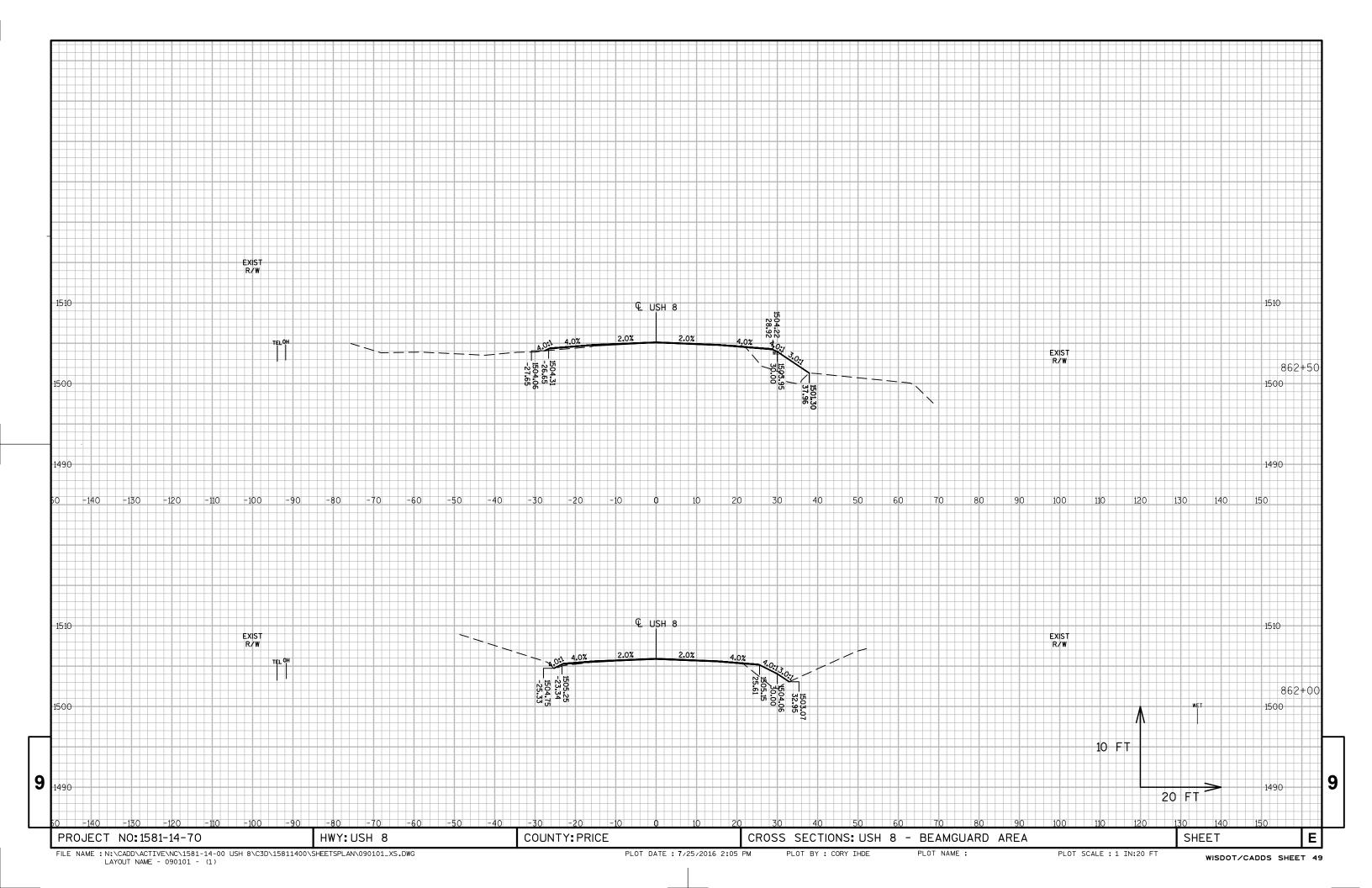
FILE NAME : C:\Users\PROJECTS\tr_stdplate\W143.DGN

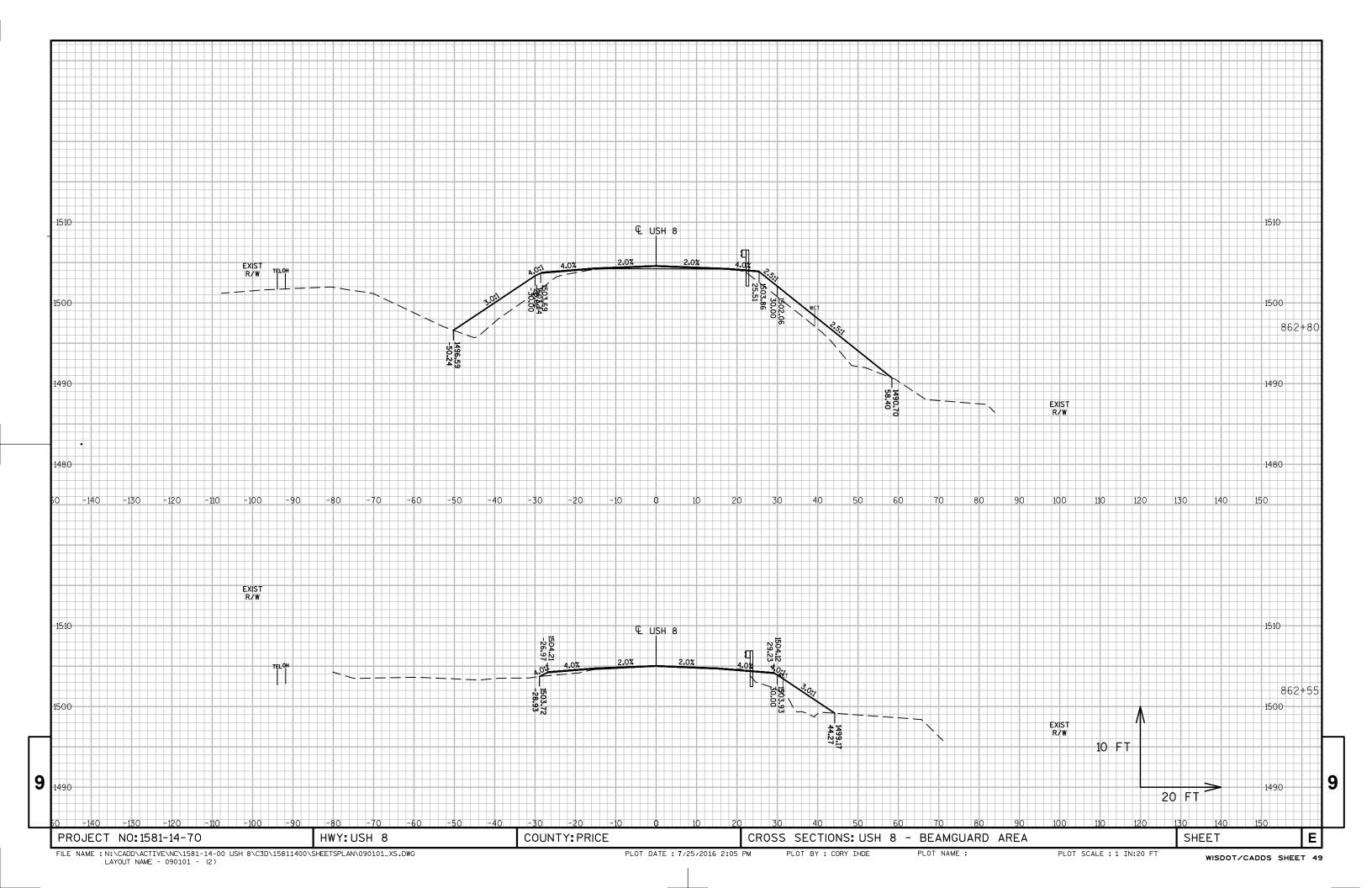
PLOT DATE: 07-JUN-2010 13:11

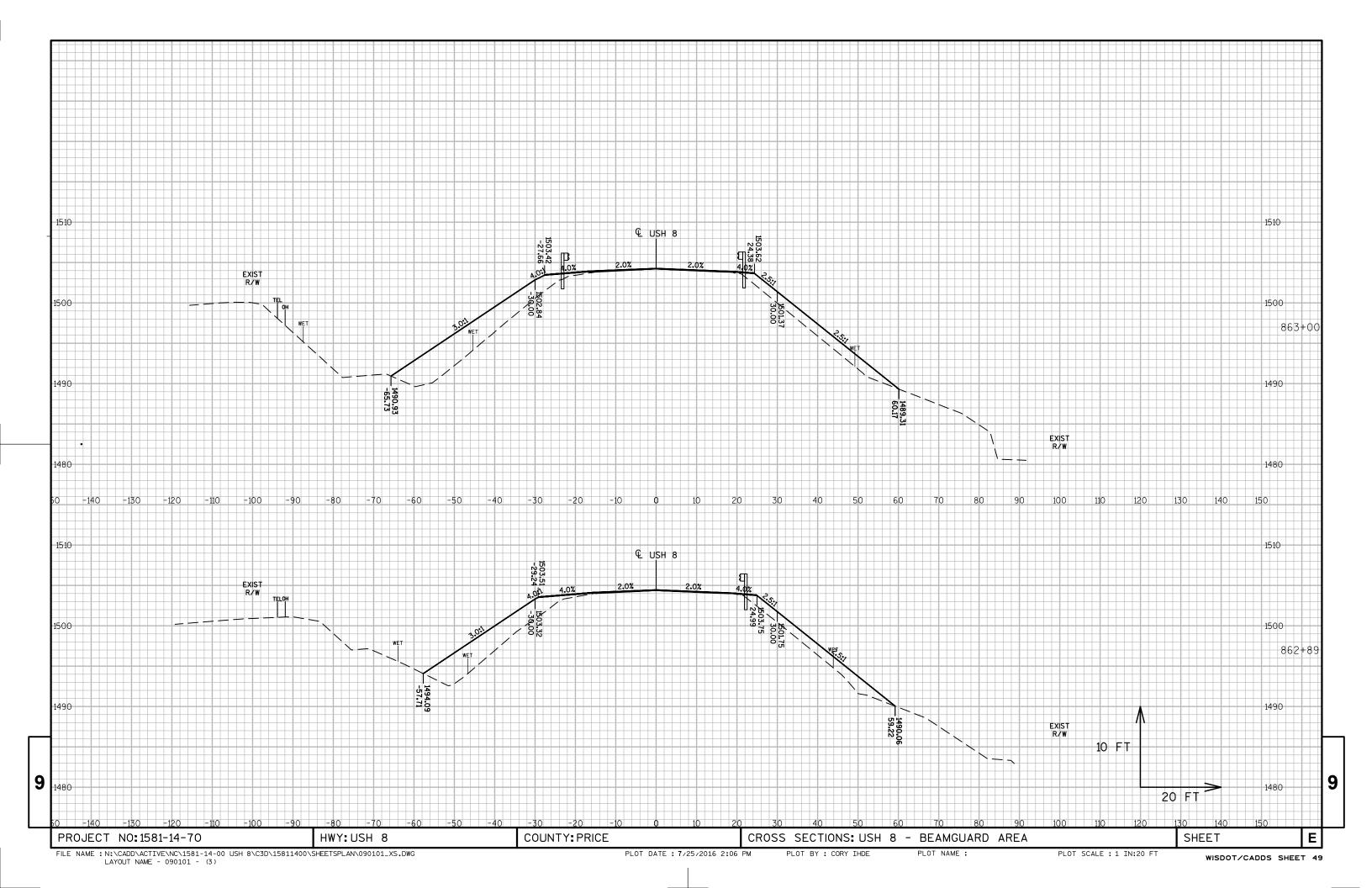
PLOT BY: ditjph

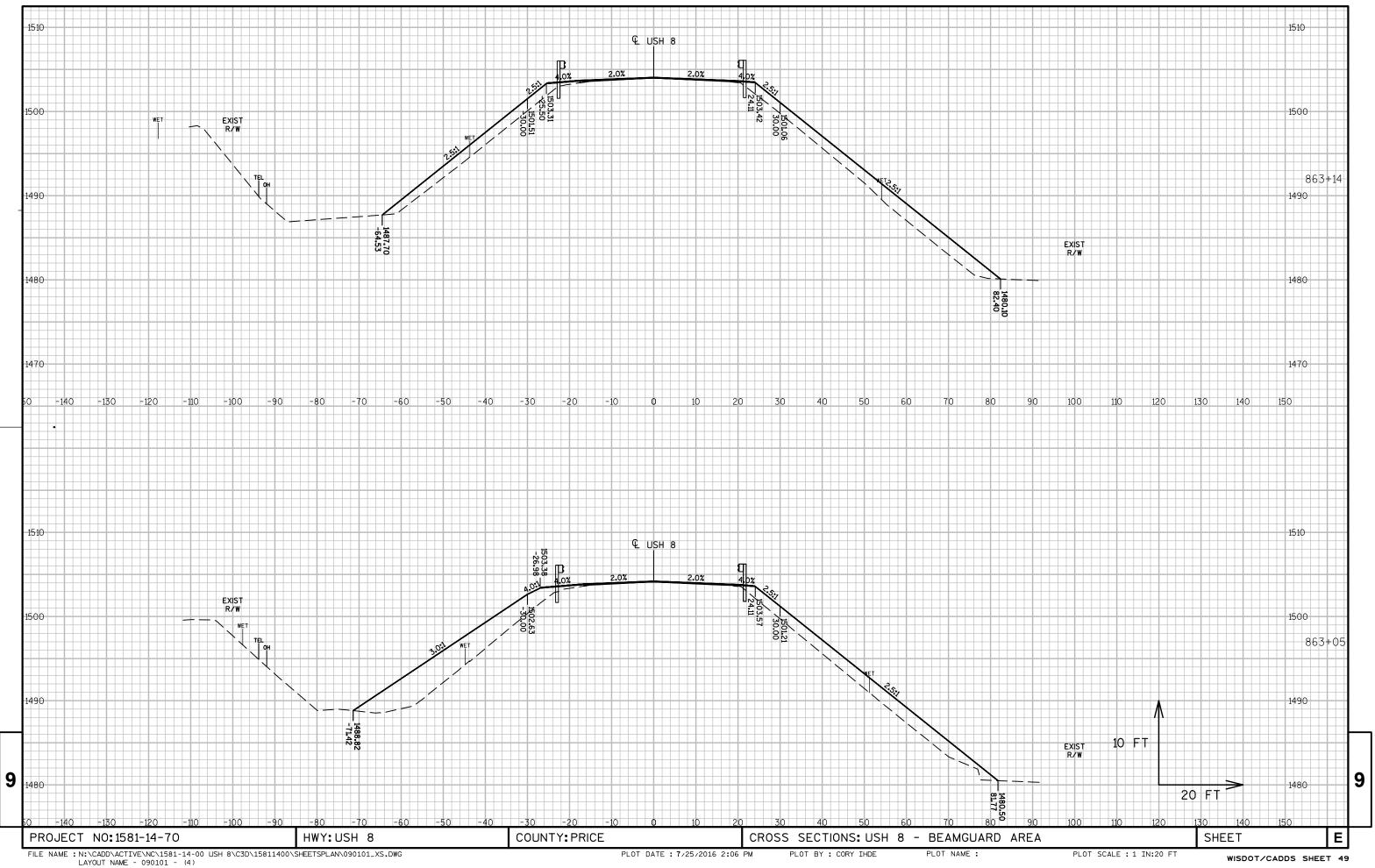
PLOT SCALE: 5.710749:1.000000

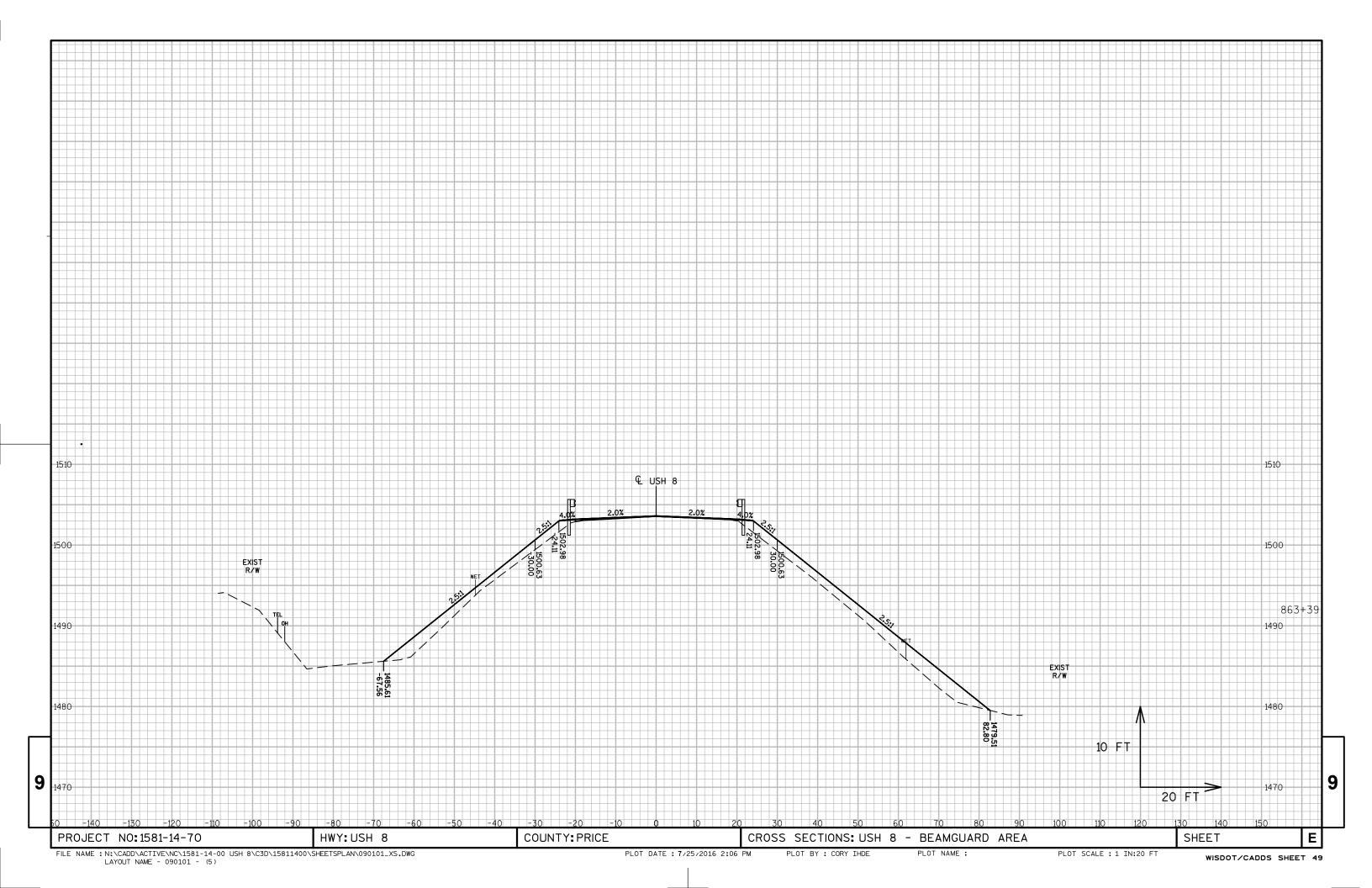
WISDOT/CADDS SHEET 42

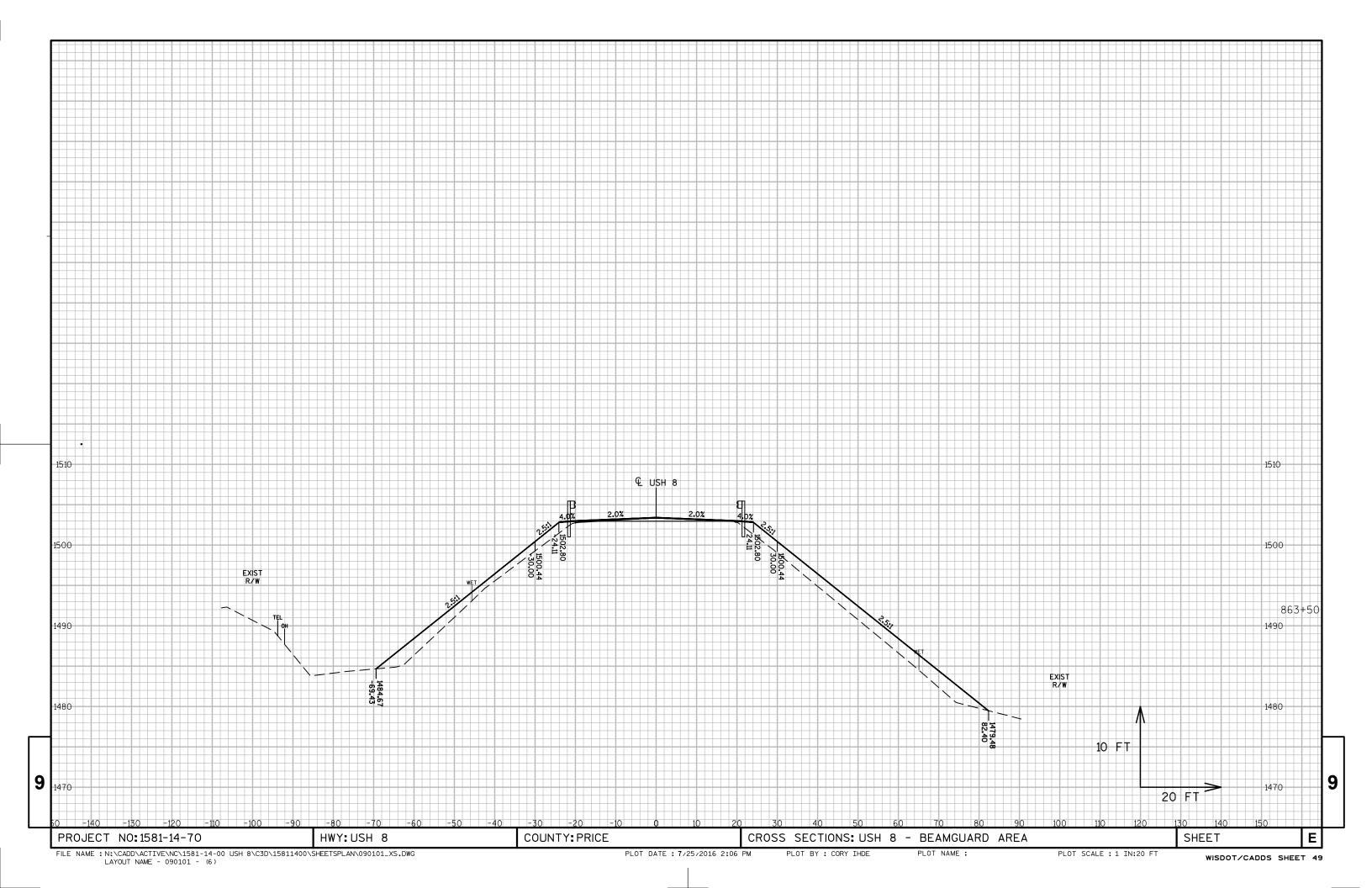


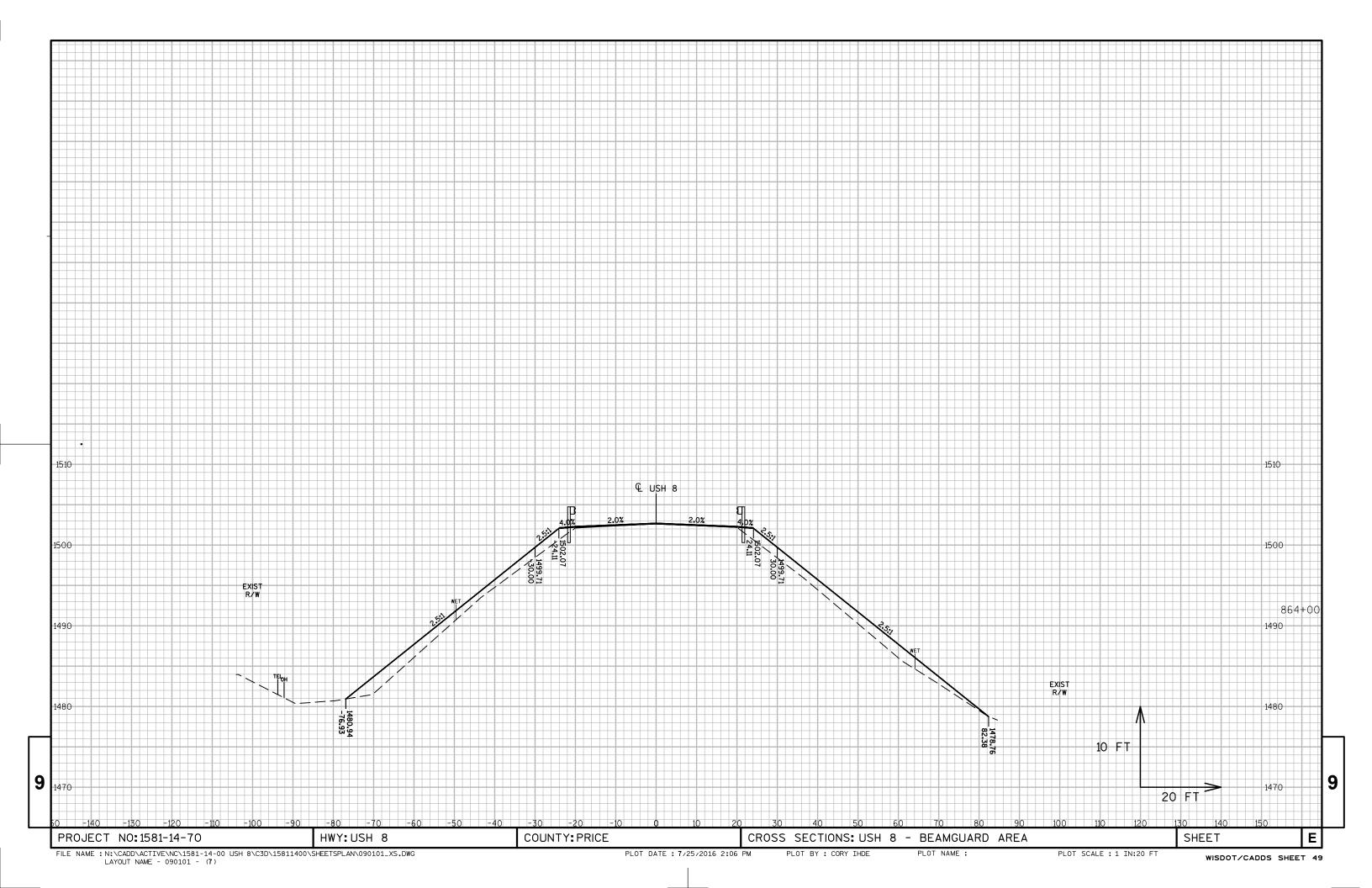


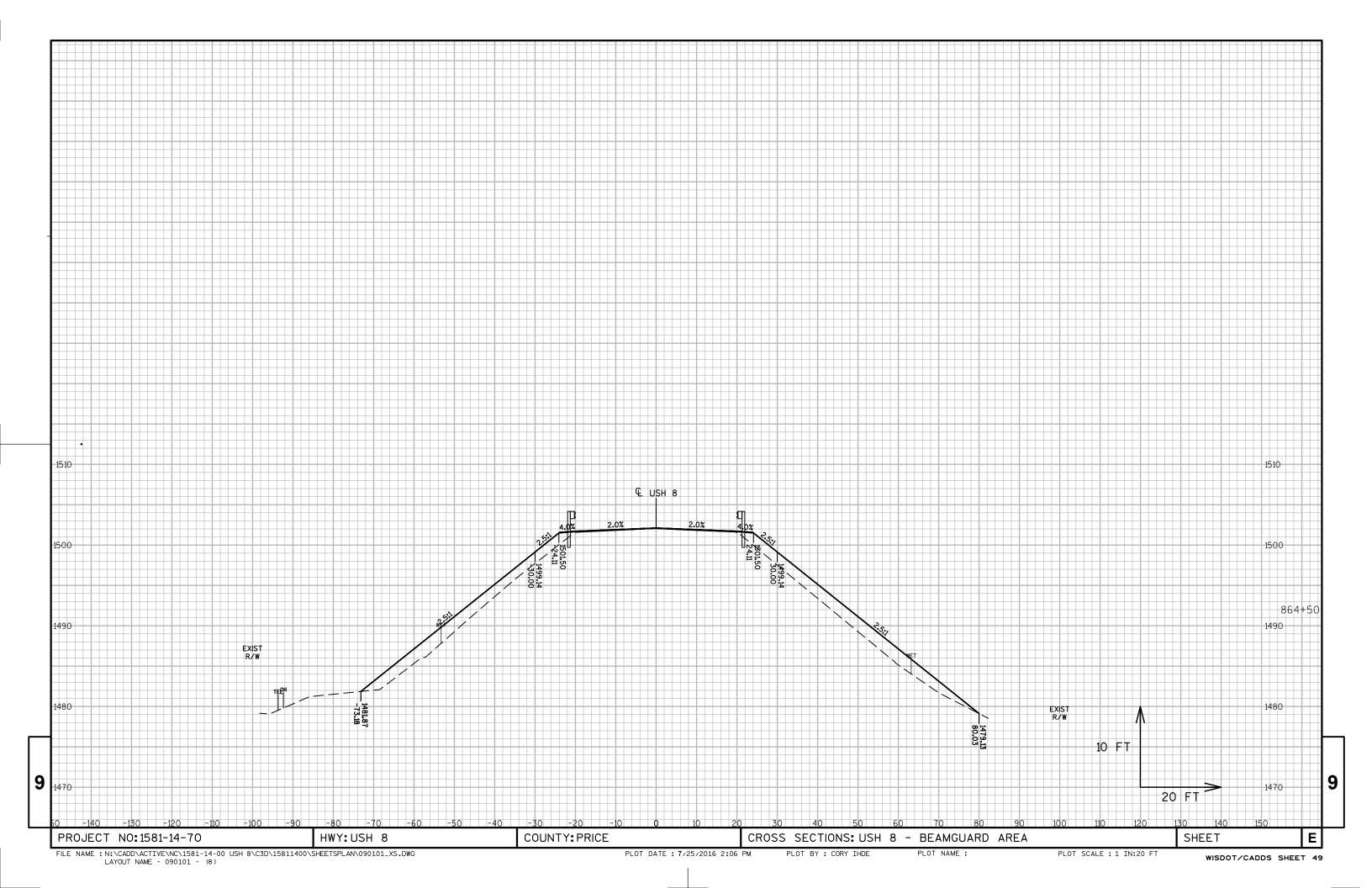


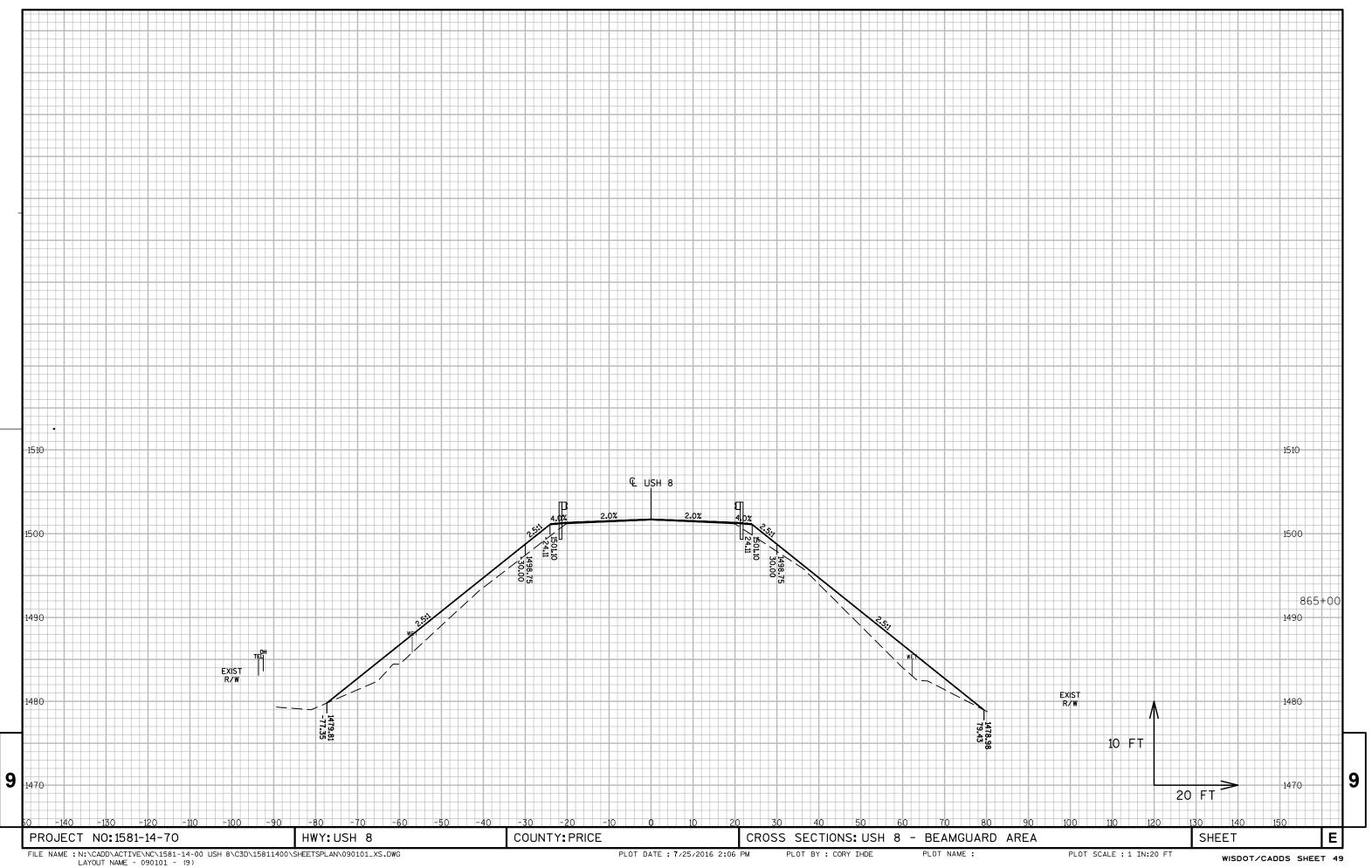


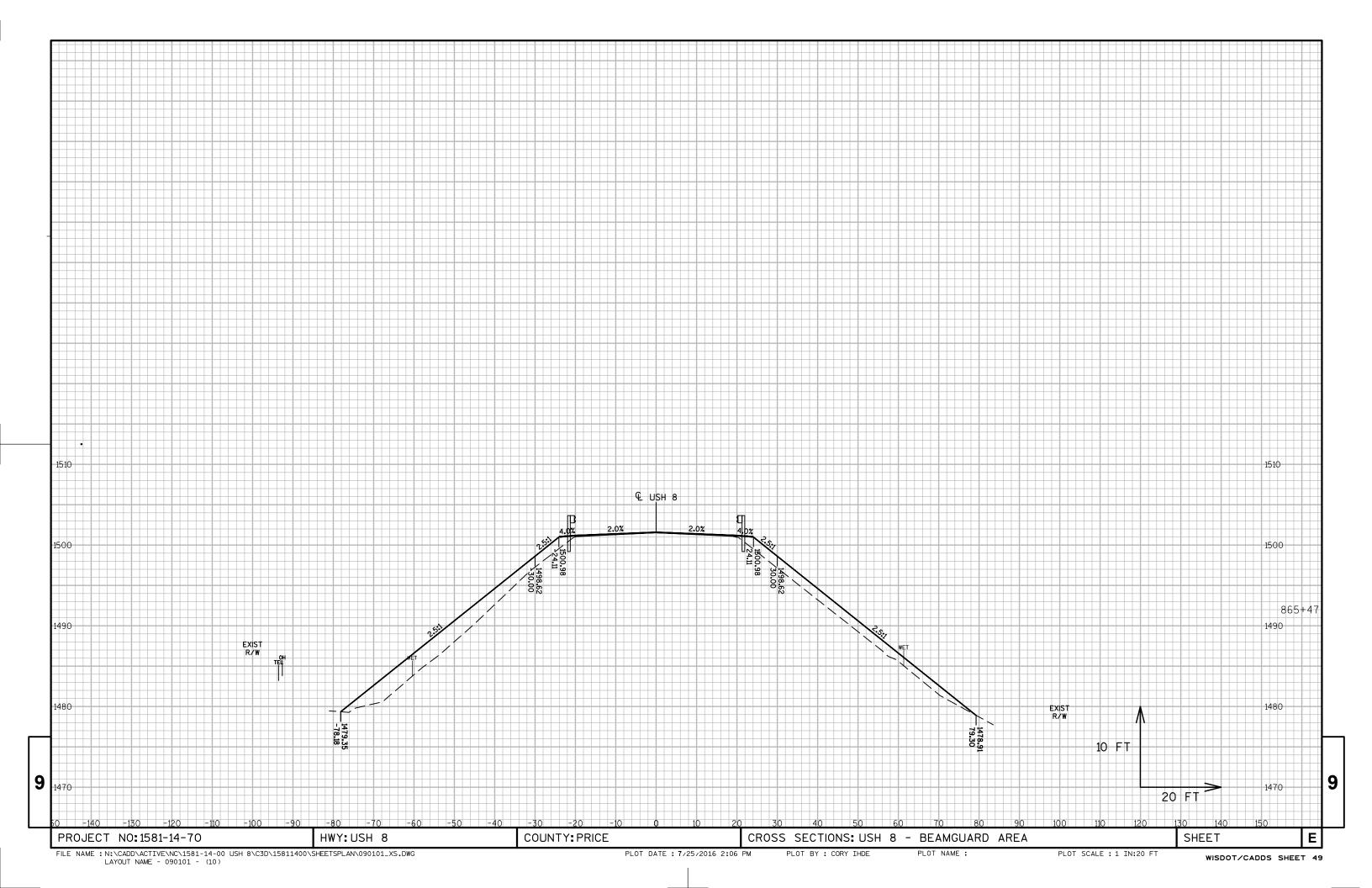


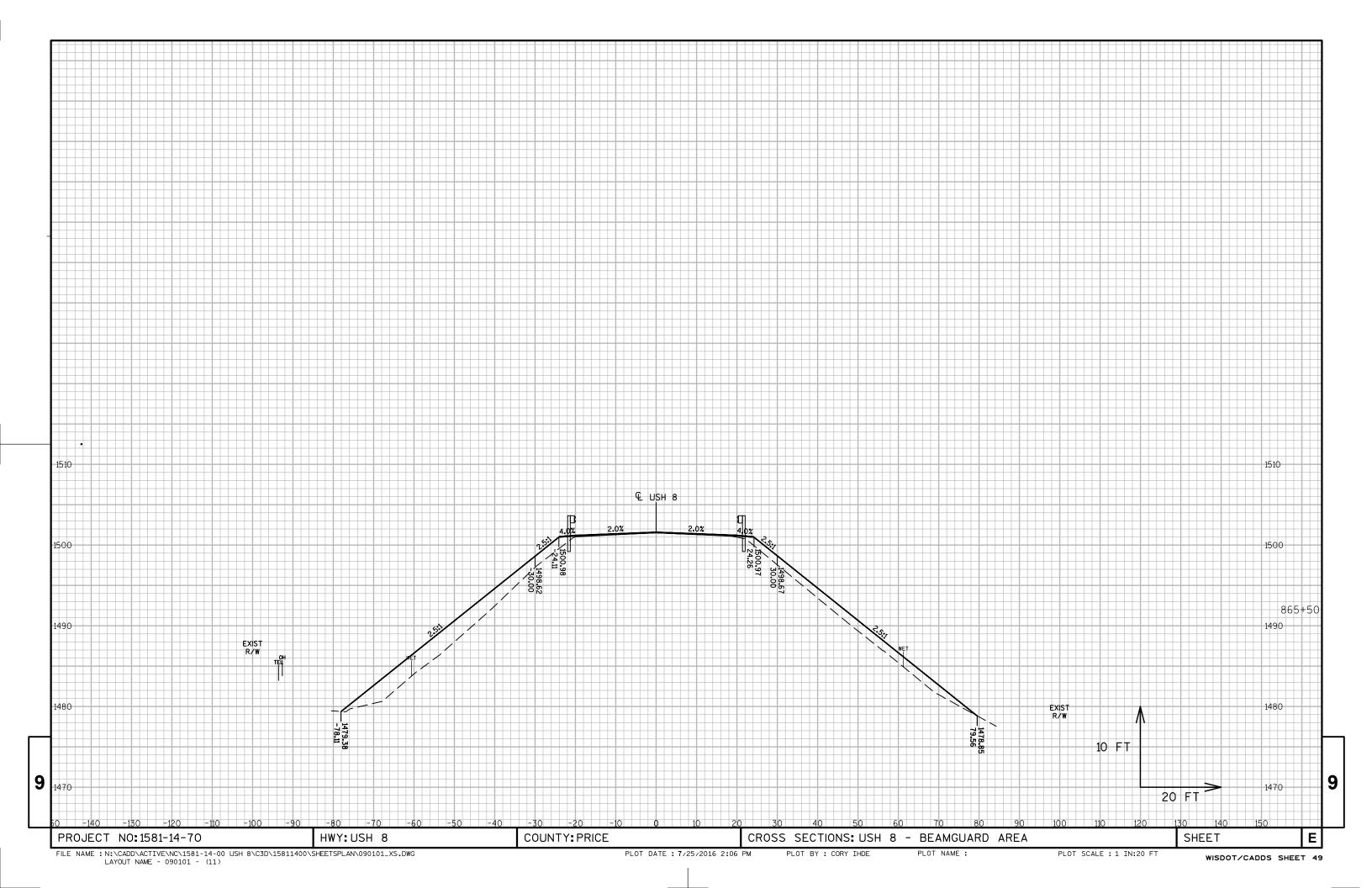


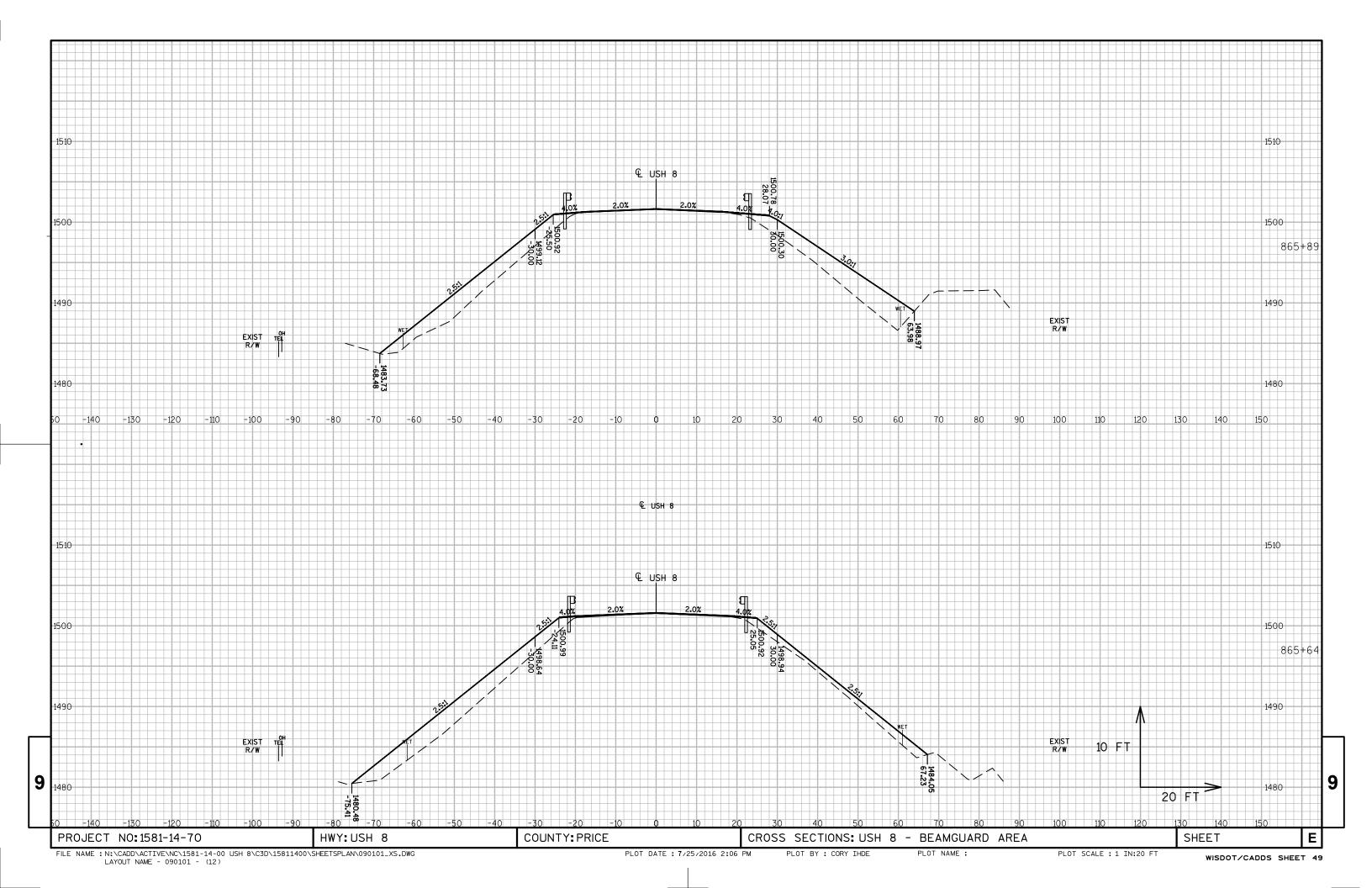


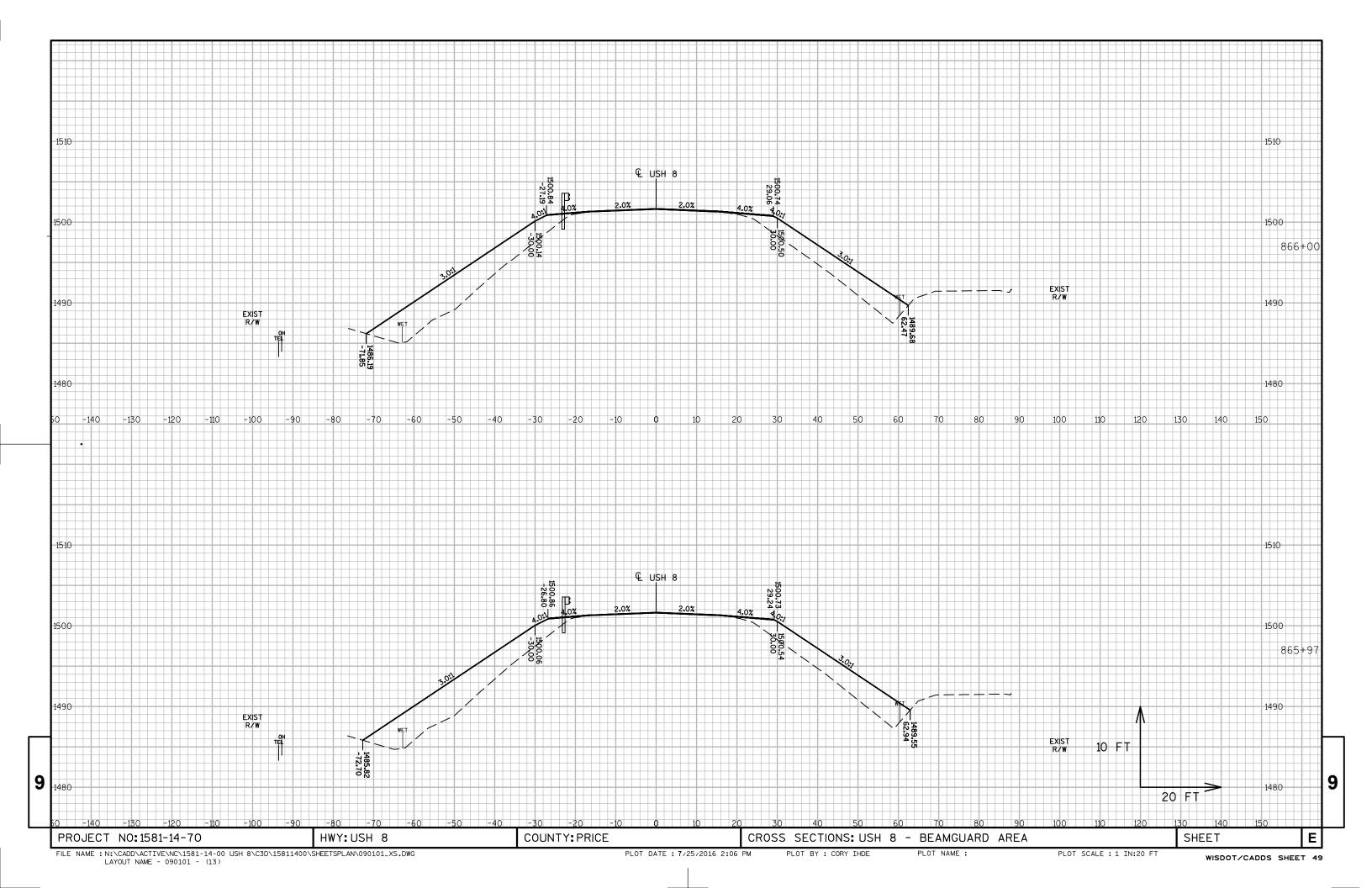


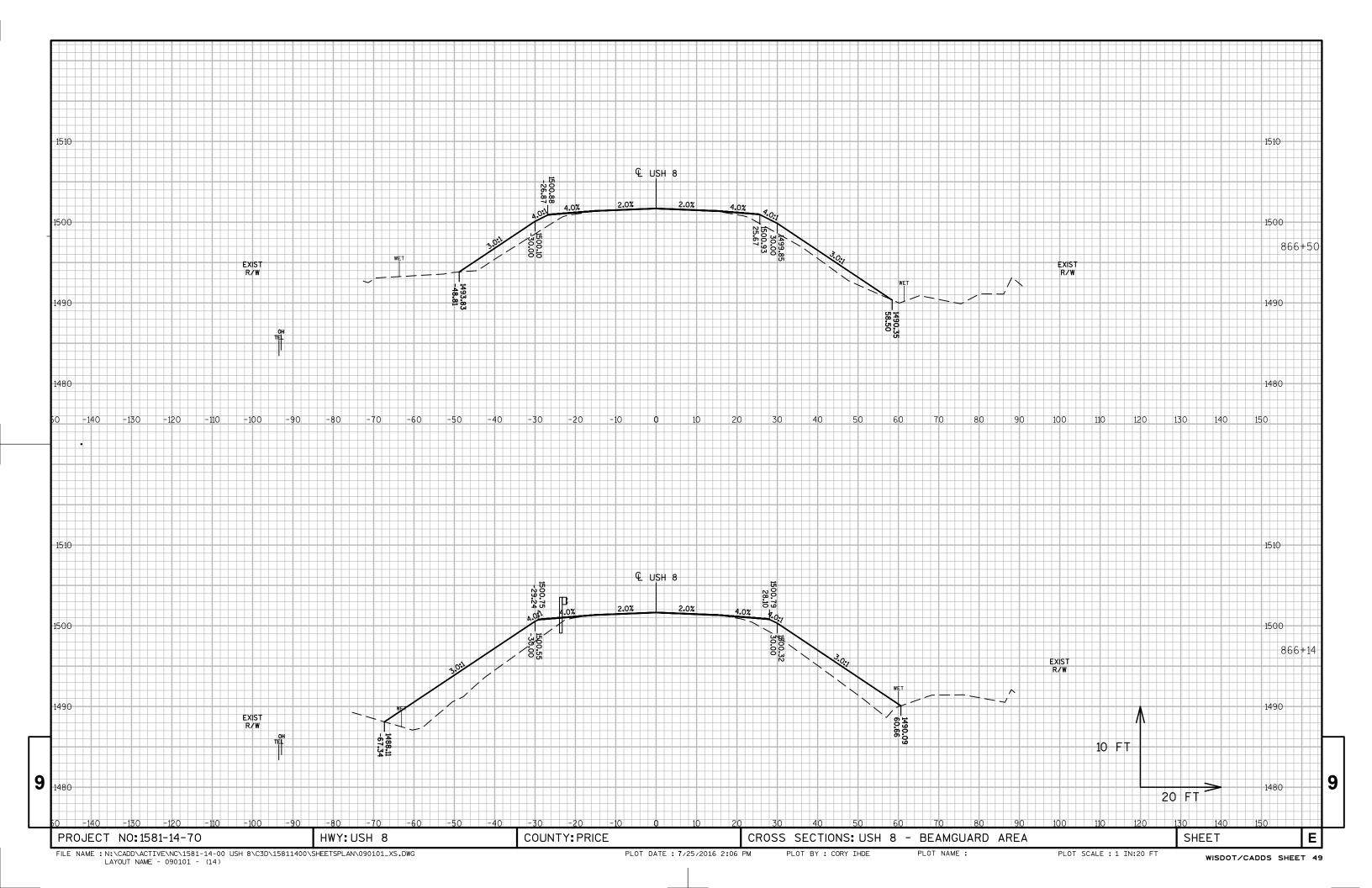


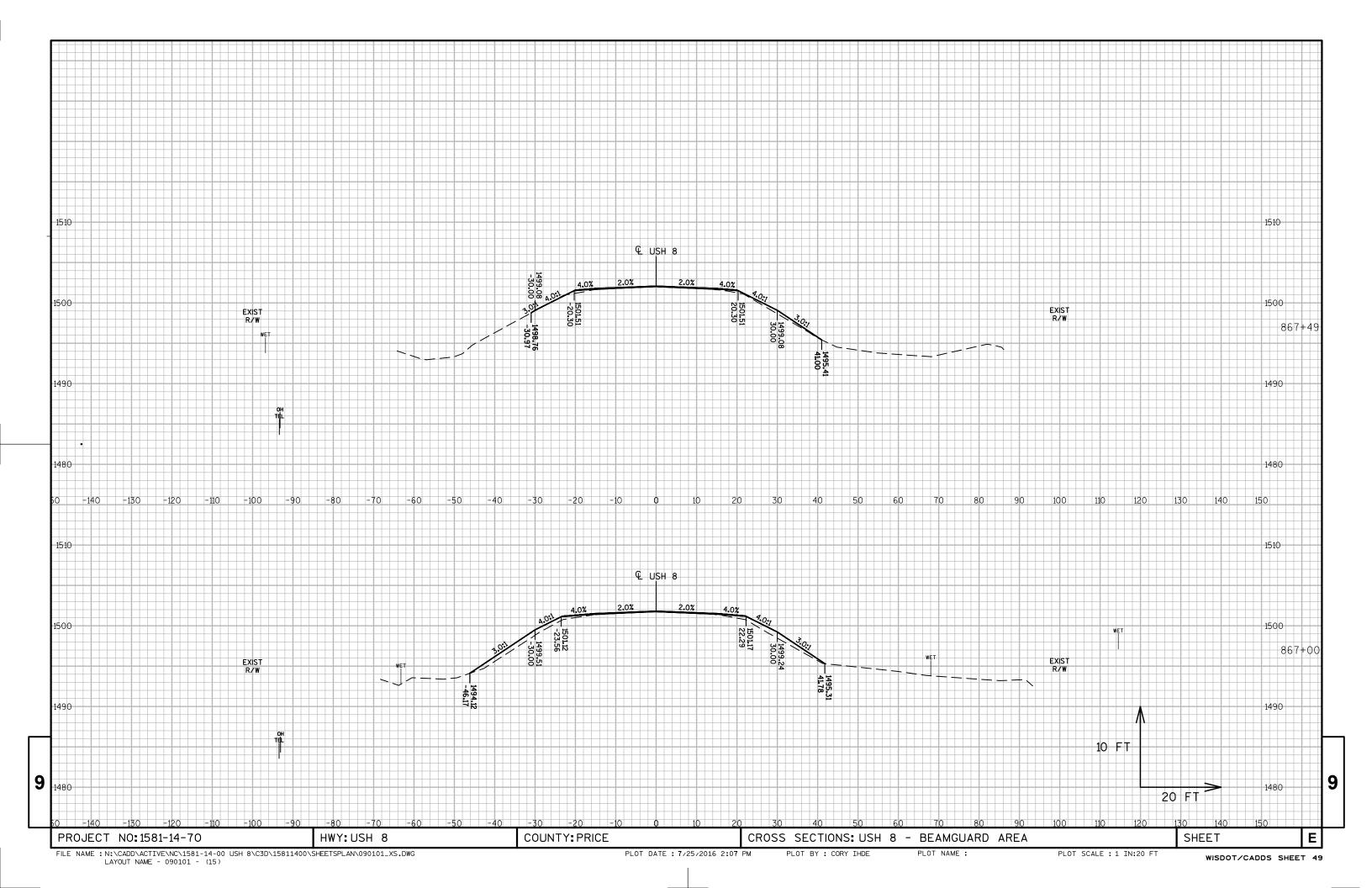














Wisconsin Department of Transportation

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