

FILE NAME : P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\010101_T\010101_T\.DWG

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PROJECT WITH:

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COUNTY:

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N/A

STATE PROJECT	FEDERAL PROJECT						
STATE PROJECT	PROJECT	CONTRACT					
8190-01-72	WISC 2024131	1					
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ORIGINAL PLANS PREPARED BY
GREMMER & Associates, INC.
Stevene Point • Fond du Lac 120 Wilshire Boulevard North • Stevene Point, W 54461 (715) 341-4363 • fax (715) 341-1856
(715) 341-4363 • fax (715) 341-1856
ACTORNAL DEXTER D. KAETTERHENRY E-43966 PLOVER WI
BOTT SONAL ENGINE
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PREPARED 8Y
Surveyor GREMMER AND ASSOCIATES, INC.
Designer GREMMER AND ASSOCIATES, INC.
Project Manager JESSE LARSON
Regional Examiner TOU YANG
Regional Examiner TOU YANG Regional Supervisor NICOLE PASSUELLO
Regional Supervisor NICOLE PASSUELLO
Regional Supervisor NICOLE PASSUELLO
APPROVED FOR THE DEPARTMENT

GENERAL NOTES

2

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

WHEN THE QUANTITY OF THE ITEM OF BASE AGGREGATE DENSE IS MEASURED FOR PAYMENT BY THE TON, THE THICKNESS SHOWN ON THE PLAN IS APPROXIMATE. THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

CURVE DATA IS BASED ON ARC DEFINITION.

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

ASPHALTIC RUMBLE STRIPS, CENTERLINE TO BE INSTALLED PRIOR TO SEAL COAT AND FOG SEAL.

ORDER OF SECTION 2 SHEETS

GENERAL NOTES PROJECT OVERVIEW TYPICAL SECTIONS CONSTRUCTION DETAILS EROSION CONTROL PAVEMENT MARKING

WDNR CONTACT

DEPARTMENT OF NATURAL RESOURCES ATTN: LEAH NICOL 1300 WEST CLAIREMONT AVENUE EAU CLAIRE, WI 54701 OFFICE: 715.934.9014 EMAIL: leah.nicol@wisconsin.gov

RUNOFF COEFFICIENT TABLE

						HYDROLOGIC SC	OIL GROUP						
			A		В			C			D		
	SLOPE	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56	
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40	
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38	
PAVEMENT:	•		•	•			•			•			
ASPHALT						.7095							
CONCRETE						.8095							
BRICK						.7080							
DRIVES, WALKS .7585													
ROOFS .7595													
GRAVEL ROADS, SH	OULDERS					.4060							

TOTAL PROJECT AREA = 73.2 ACRES

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.3 ACRES

PROJECT NO: 8190-01-72	HWY: STH 64	COUNTY: CHIPPEWA		GENERAL NOTE	S	
FILE NAME : P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-202	0\ACAD\SHEETSPLAN\020101 GN\020101 GN.DWG	PLOT DATE :	7/24/2023 9:52 AM	PLOT BY :	JARED HALBUR	PLOT NAME :

UTILITIES

BRIGHTSPEED OF NORTH CENTRAL WISCONSIN LLC -COMMUNICATION LINE ATTN: BRIAN HUHN 425 ELLINGSON AVE HAWKINS, WI 54530 PHONE: (980) 376-1559 EMAIL: brian.huhn@brightspeed.com

BRIGHTSPEED OF NORTHERN WISCONSIN LLC -COMMUNICATION LINE ATTN: BRIAN HUHN 425 ELLINGSON AVENUE HAWKINS, WI 54530 PHONE:(980) 376-1559 EMAIL: brian.huhn@brightspeed.com

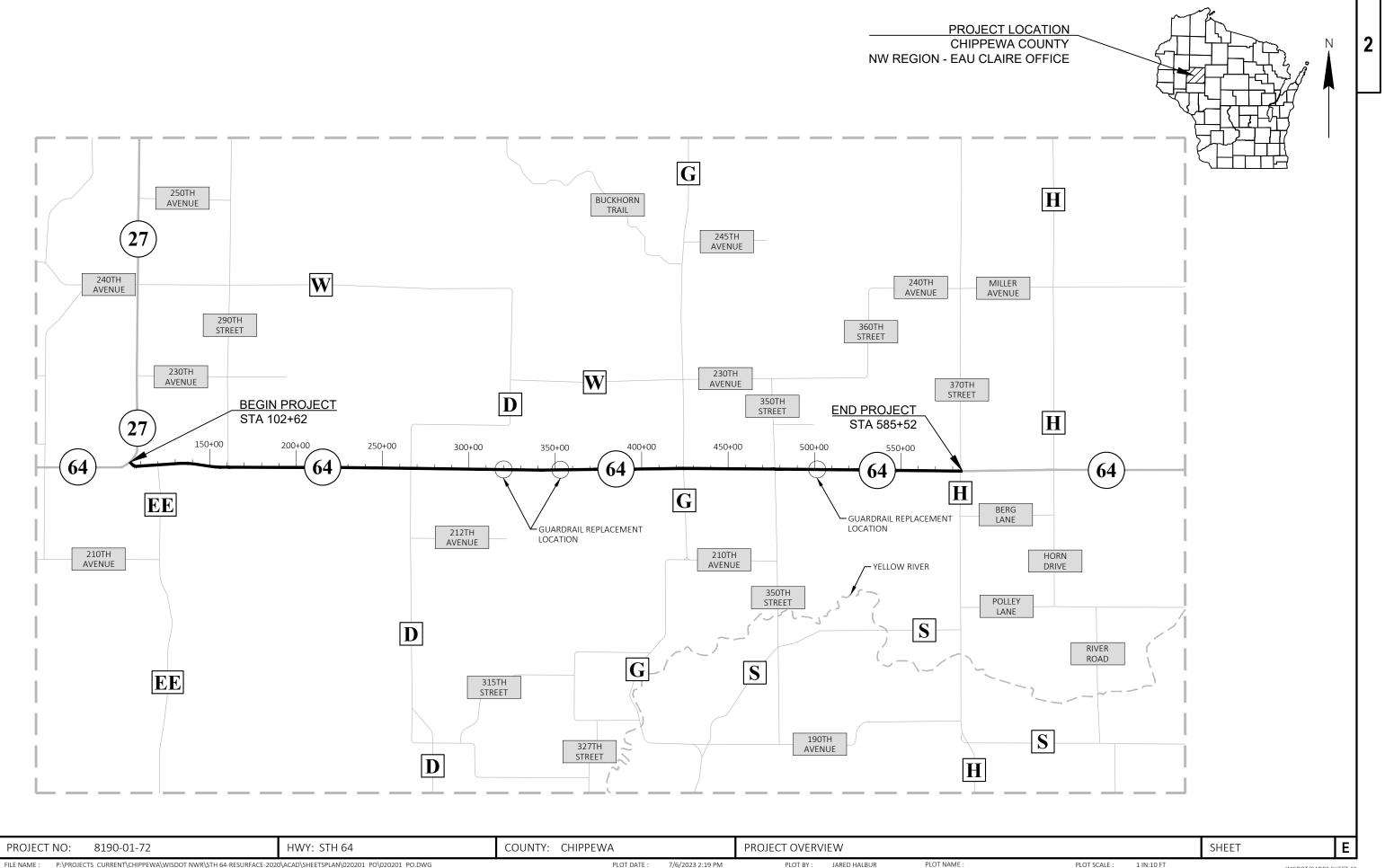
CHIPPEWA VALLEY ELECTRIC COOPERATIVE - ELECTRICITY ATTN: NIC ALBERSON 317 SOUTH 8TH STREET CORNELL WI, 54732 PHONE: (715) 239-6800 EMAIL: nalberson@cve.coop

DAIRYLAND POWER COOPERATIVE - ELECTRICITY ATTN: MIKE LYDON 3200 EAST AVENUE PO BOX 817 LA CROSSE WI, 54602-0817 PHONE: (608) 787-1381 EMAIL: michael.lydon@dairylandpower.com

JUMP RIVER ELECTRIC COOPERATIVE - ELECTRICITY ATTN: JORDAN BEHREANDT 1102 WEST 9TH STREET NORTH LADYSMITH, WI 54848 PHONE: (715) 532-5524 EMAIL: jbehreandt@jrec.com



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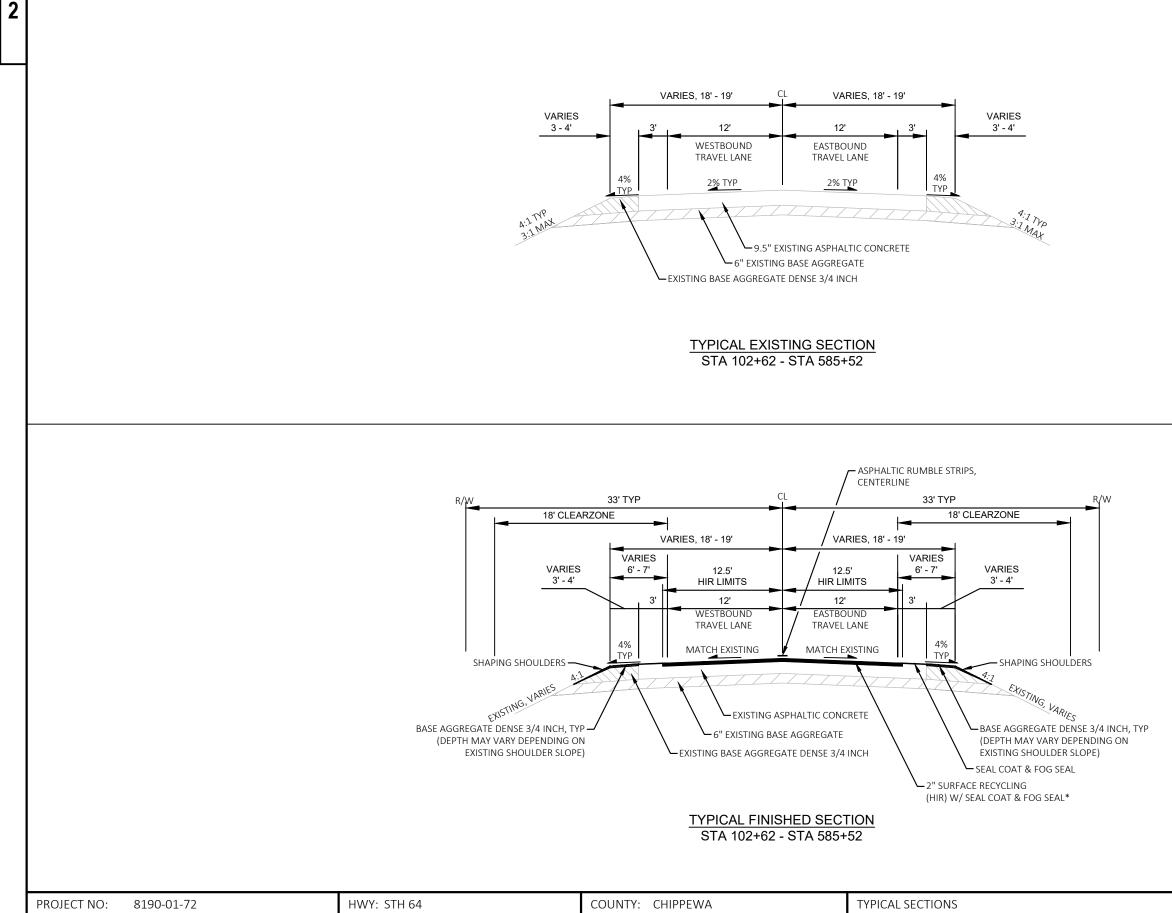


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7/6/2023 2:19 PM PLOT BY :

PLOT NAME :

WISDOT/CADDS SHEET 42



FILE NAME : P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\020301_TS\020301_TS.DWG LAYOUT NAME - 01 PLOT DATE : 9/13/2023 8:51 AM

PLOT BY : JARED HALBUR

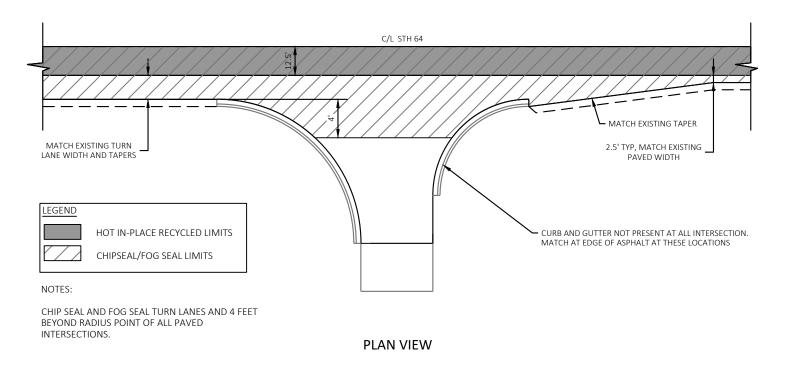
PLOT NAME :

		PAVEMENT			I
BORING	STATION	THICKNESS	BORING	STATION	THICKNESS
C-01AL	105+02	7.00	C-47∟	395+15	7.38
C-01L	111.53	7.50	C-50AL	379+03	9.75
C-03L	132+79	15.50	C-50AS	376+04	4.25
C-03S	132+80	3.38	C-50L	369+94	5.75
C-05L	153+50	14.00	C-52L	352+97	7.75
C-08L	174+90	11.25	C-52S	352+97	4.75
C-08S	174+89	5.00	C-54L	332+02	8.00
C-09L	199+98	9.50	C-56L	310+10	7.00
C-11L	216+83	11.25	C-56S	310+10	6.25
C-11S	216+83	6.50	C-58L	289+51	10.50
C-13L	238+21	7.38	C-60L	270+65	8.50
C-15L	258+07	9.50	C-60S	270+65	3.38
C-15S	258+06	10.00	C-61L	428+75	12.00
C-18L	247+54	9.75	C-61S	428+75	8.00
C-18S	247+54	4.00	C-63L	448+86	9.75
C-20L	226+63	12.00	C-64L	469+93	9.50
C-21L	205+85	7.75	C-64S	469+93	8.50
C-21S	205+85	3.50	C-65L	492+31	10.00
C-24L	182+29	10.50	C-66L	512+14	7.50
C-26L	163+59	9.75	C-66S	512+14	4.50
C-26S	163+57	5.50	C-67L	533+24	8.25
C-27L	143+06	11.00	C-68L	554+35	9.00
C-30L	120+89	10.00	C-68S	554+35	4.00
C-30S	120+90	5.25	C-69L	575+45	7.00
C-31L	280+46	11.00	C-71L	561+78	9.50
C-33L	301+78	10.38	C-71S	561+80	2.50
C-33S	301+76	9.38	C-73L	541+29	9.00
C-35L	322+03	10.38	C-77L	518+72	10.00
C-37L	343+85	10.38	C-77S	518+73	2.50
C-37S	343+84	10.75	C-78L	499+72	9.00
C-39L	364+65	10.63	C-79AL	482+12	8.50
C-41∟	388+39	11.50	C-79AS	482+12	2.00
C-41S	388+38	7.00	C-79L	473+09	9.50
C-43L	107+43	9.50	C-81L	458+00	6.00
C-45L	415+98	10.50	C-81S	458+05	2.00
C-45S	415+98	5.38	C-82L	436+43	4.50

* SEAL COAT AND FOG SEAL FULL WIDTH INCLUDING PAVED SHOULDERS, TURN LANES, AND SIDE ROAD TIE IN SECTIONS

SHEET

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SIDE ROAD/TURN LANE/SHOULDER CHIPSEAL DETAIL

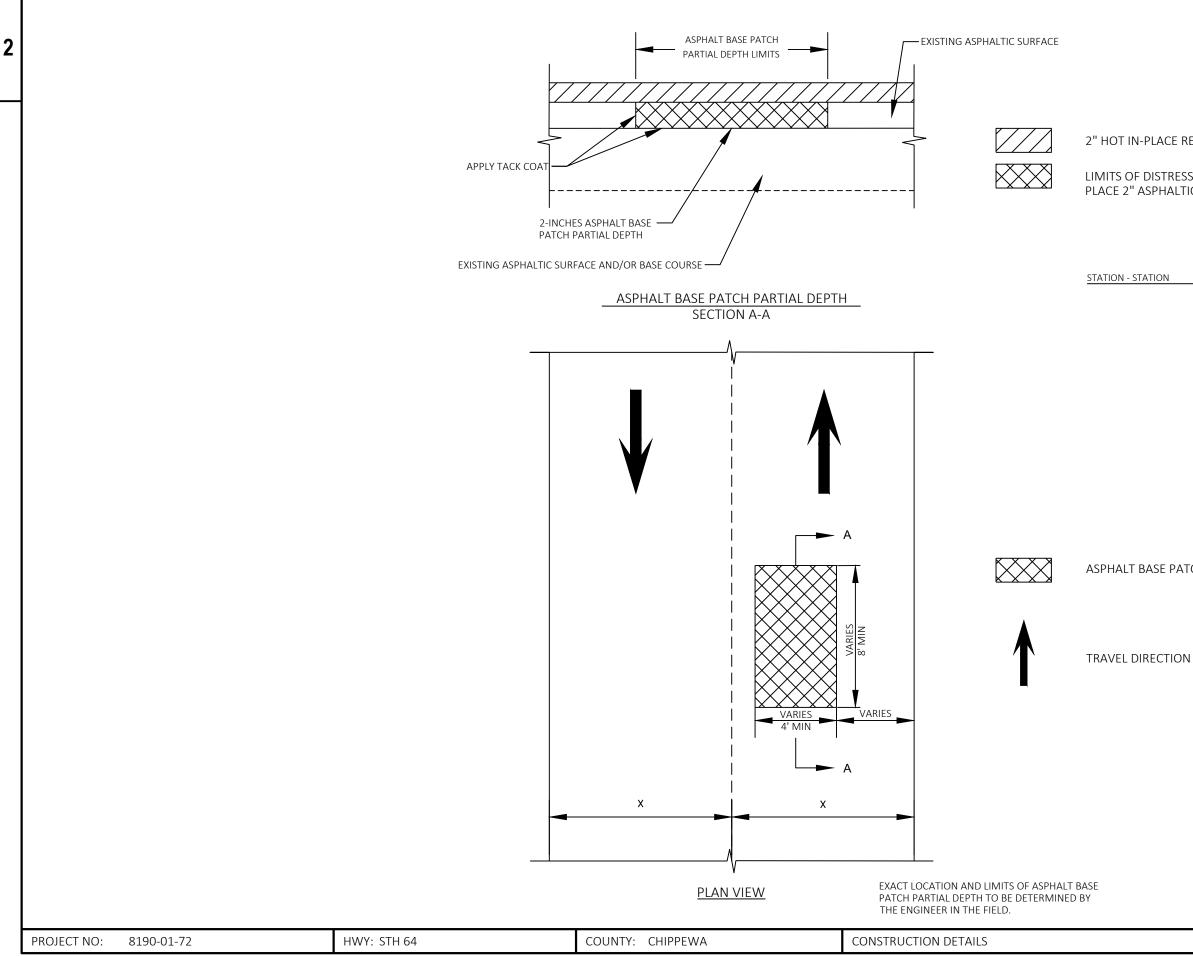
PROJECT NO: 8190-01-72	HWY: STH 64	COUNTY: CHIPPEWA		CONSTRUCTION	DETAILS	
FILE NAME : P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-202	0\ACAD\SHEETSPLAN\021001 CD\021001 CD.DWG	PLOT DATE :	7/6/2023 3:29 PM	PLOT BY :	JARED HALBUR	PLOT NAME :

01_CD\021001_CD LAYOUT NAME - 01

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P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\021001_CD\021001_CD.DWG FILE NAME : LAYOUT NAME - 02

PLOT DATE : 7/6/2023 3:29 PM

PLOT BY : JARED HALBUR

PLOT NAME :

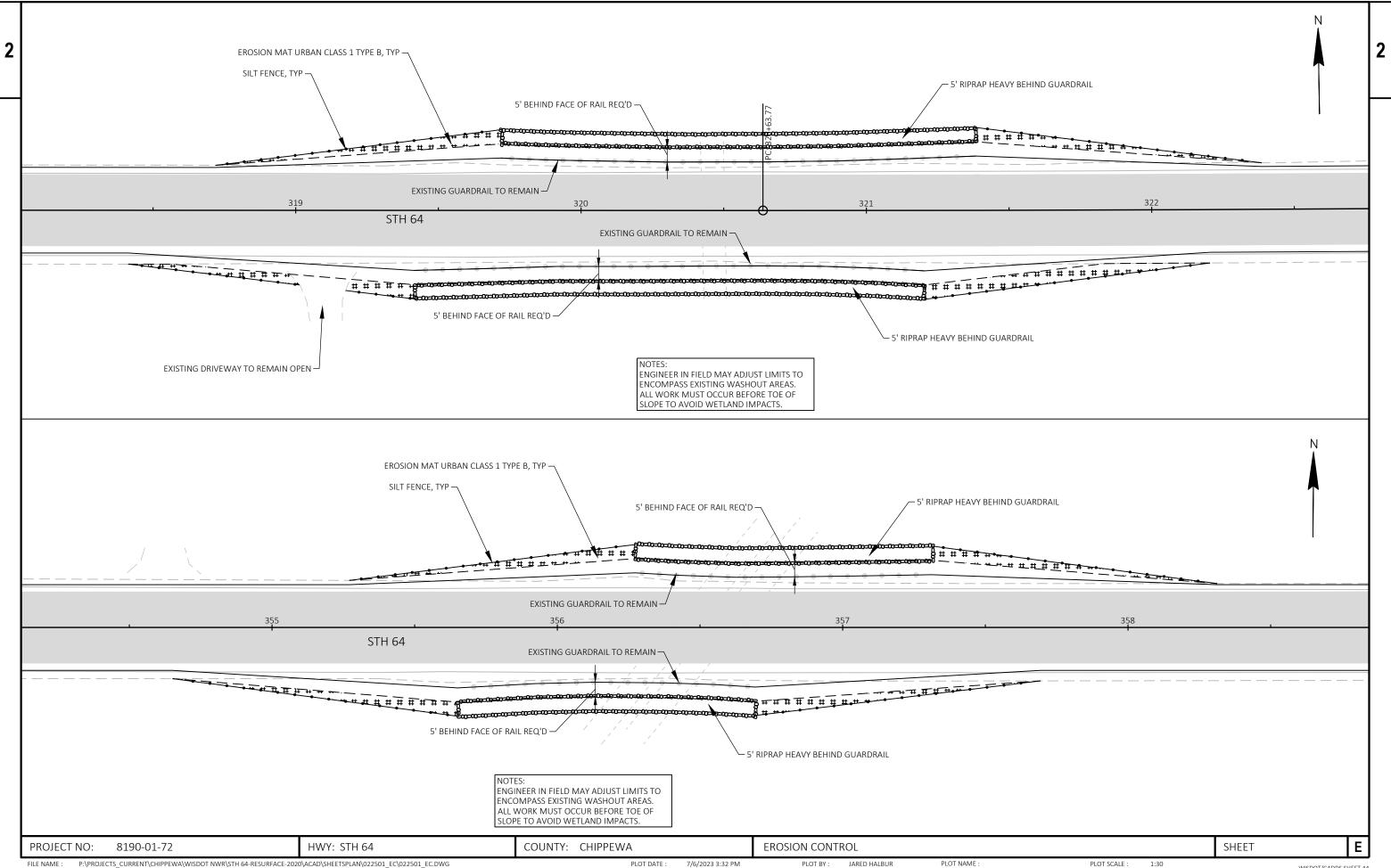
2" HOT IN-PLACE RECYCLED ASPHALT

LIMITS OF DISTRESSED PAVEMENT MILLING 2", PLACE 2" ASPHALTIC SURFACE

STATION - STATION LOCATION L (FT) W (FT)

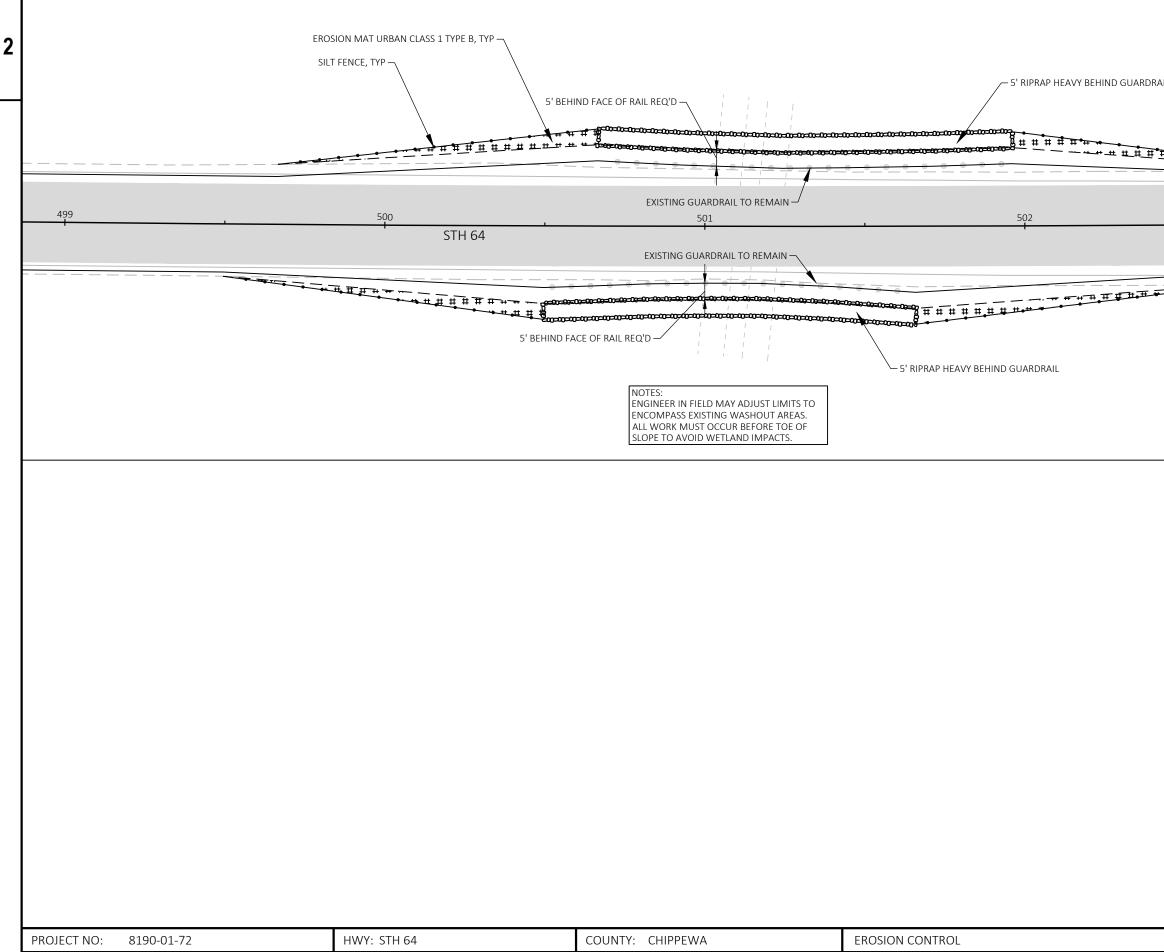
ASPHALT BASE PATCH PARTIAL DEPTH

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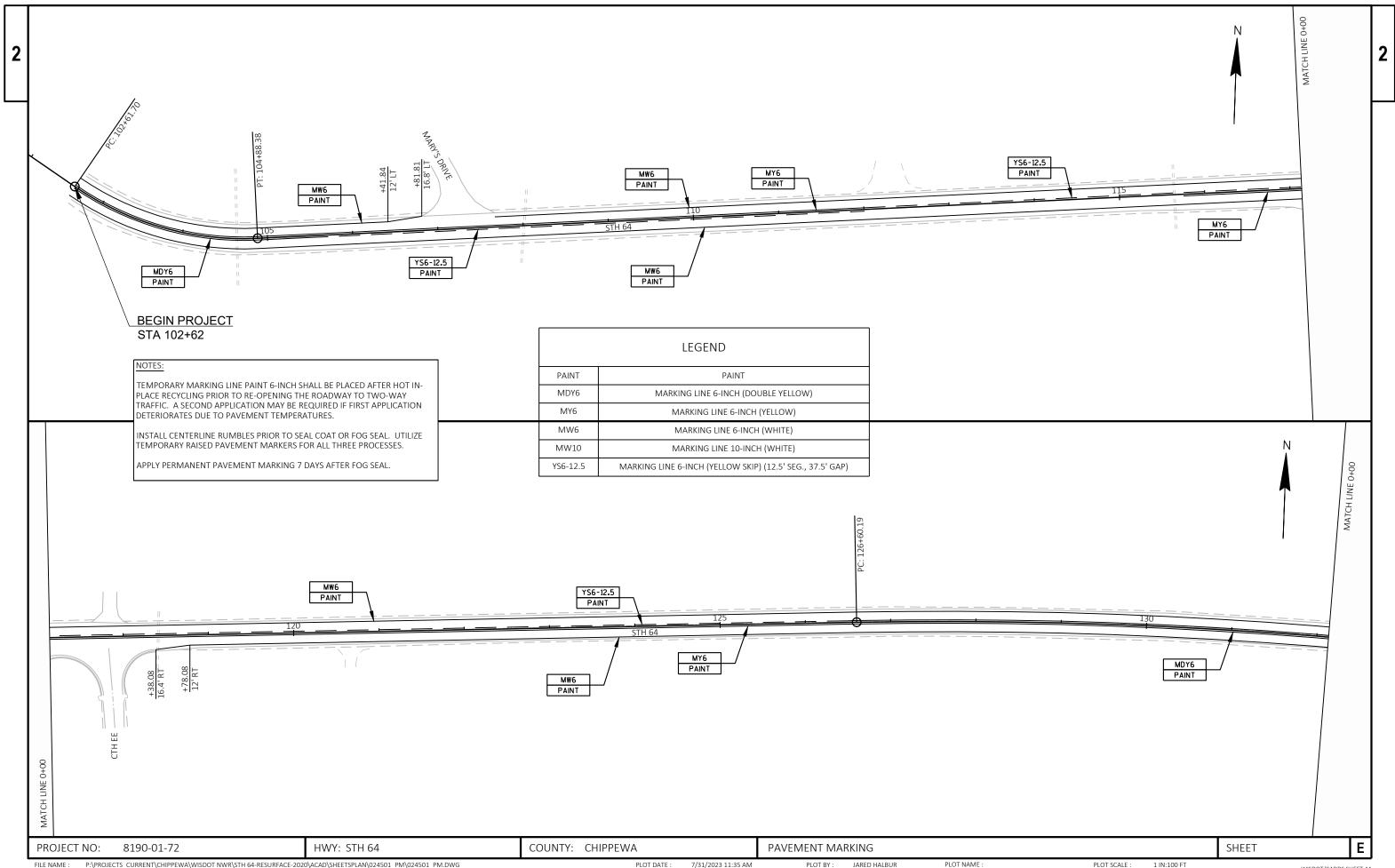


LAYOUT NAME - 01

PLOT DATE :



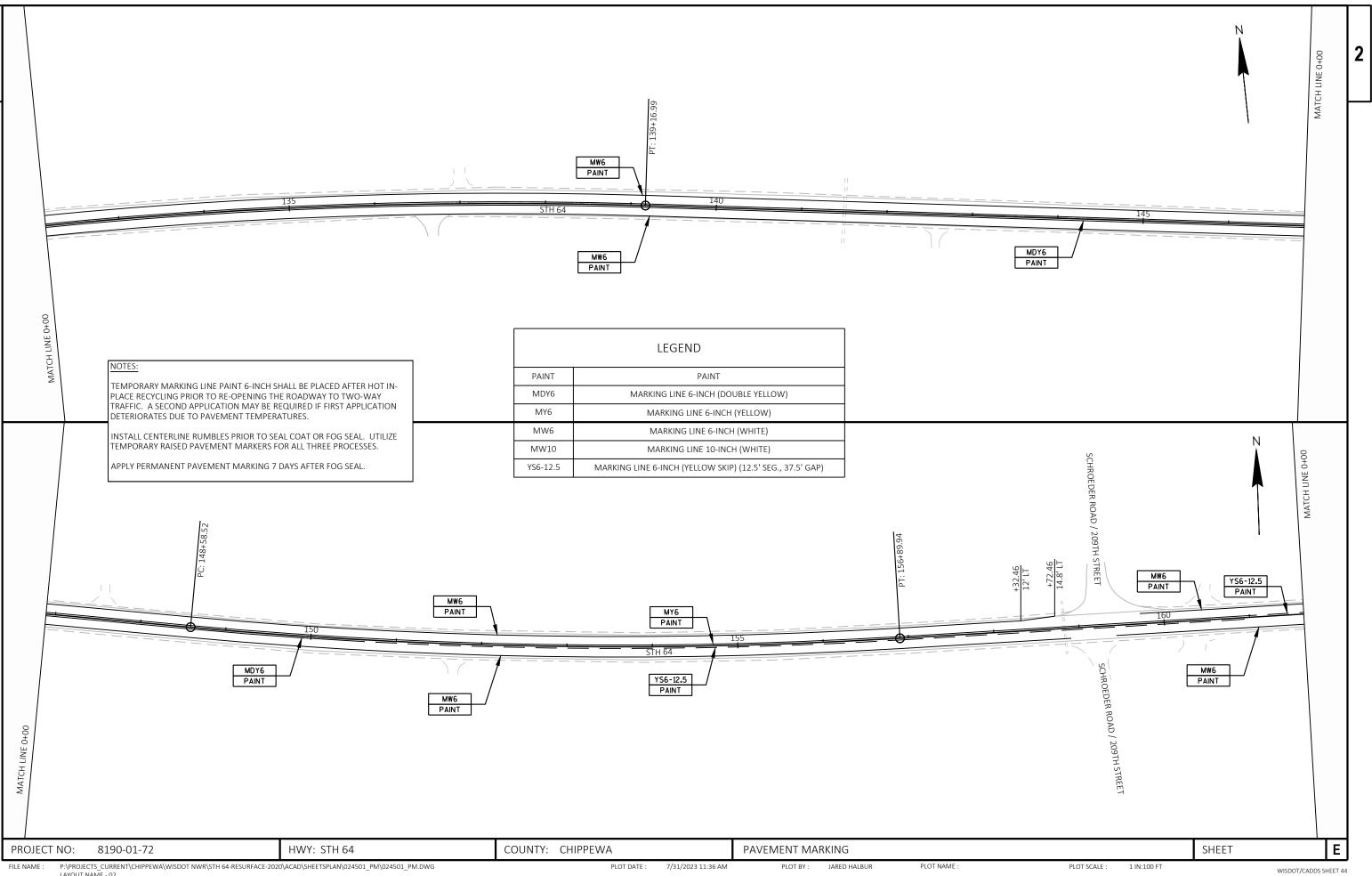
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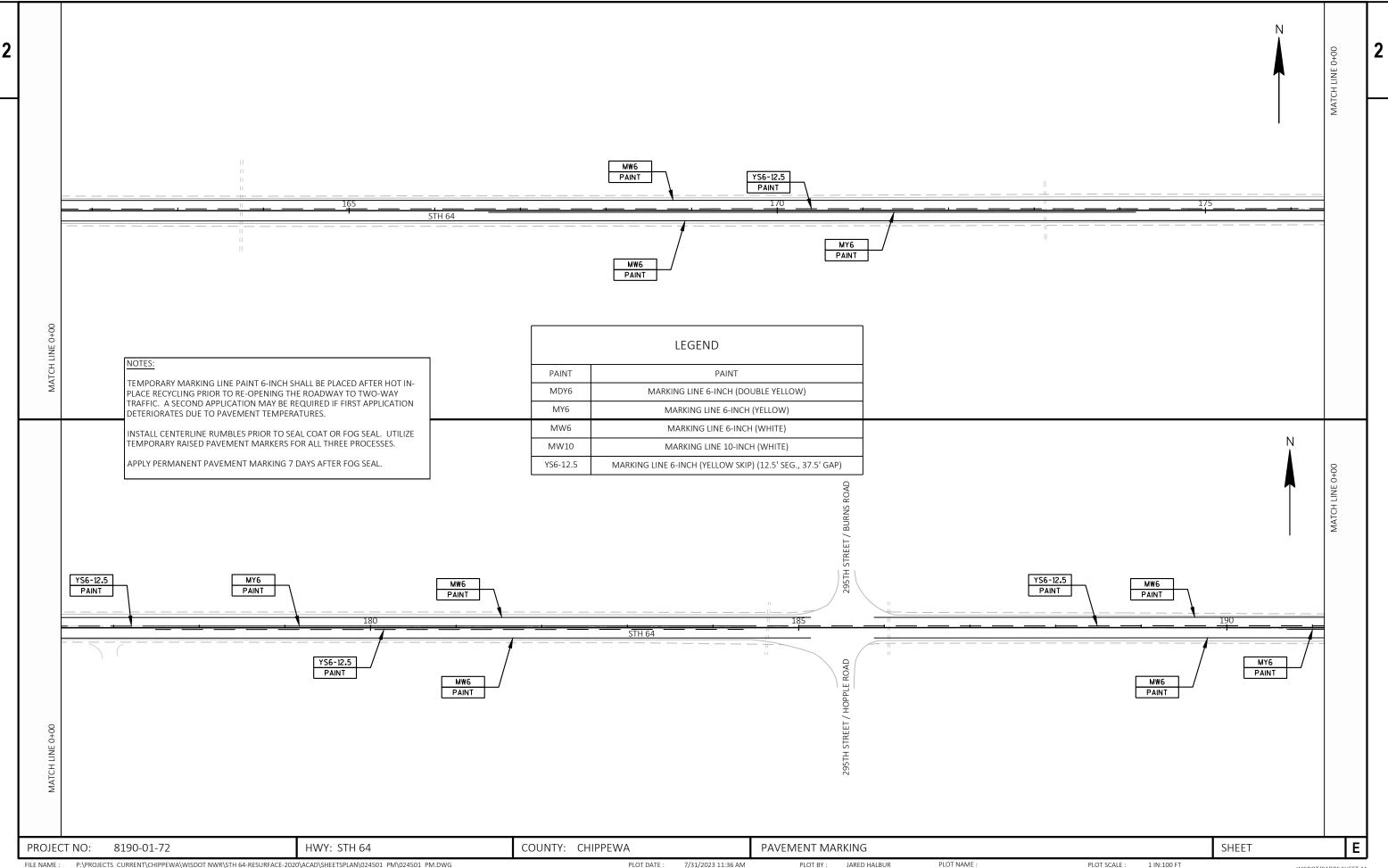
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PLOT NAME :

WISDOT/CADDS SHEET 44

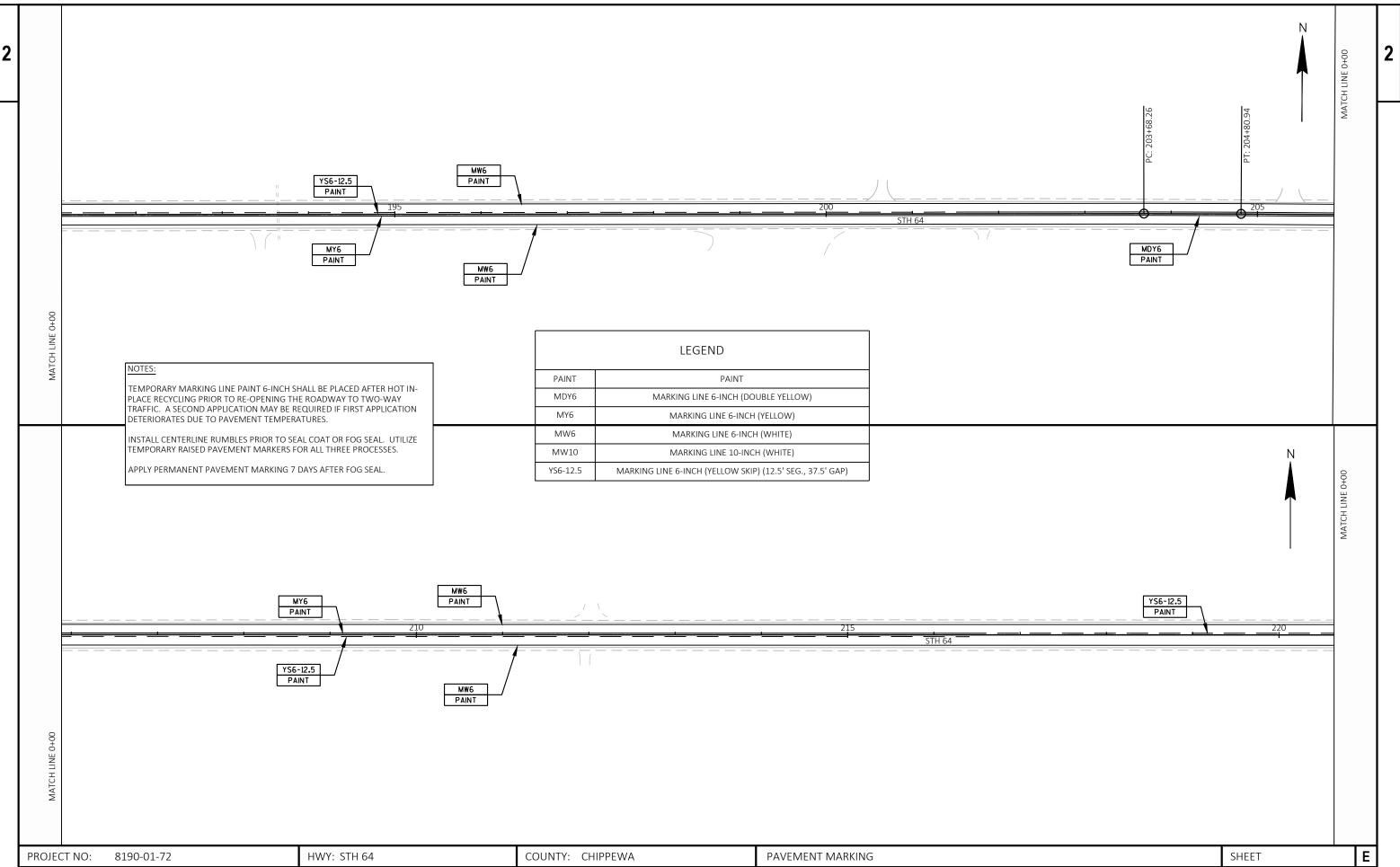


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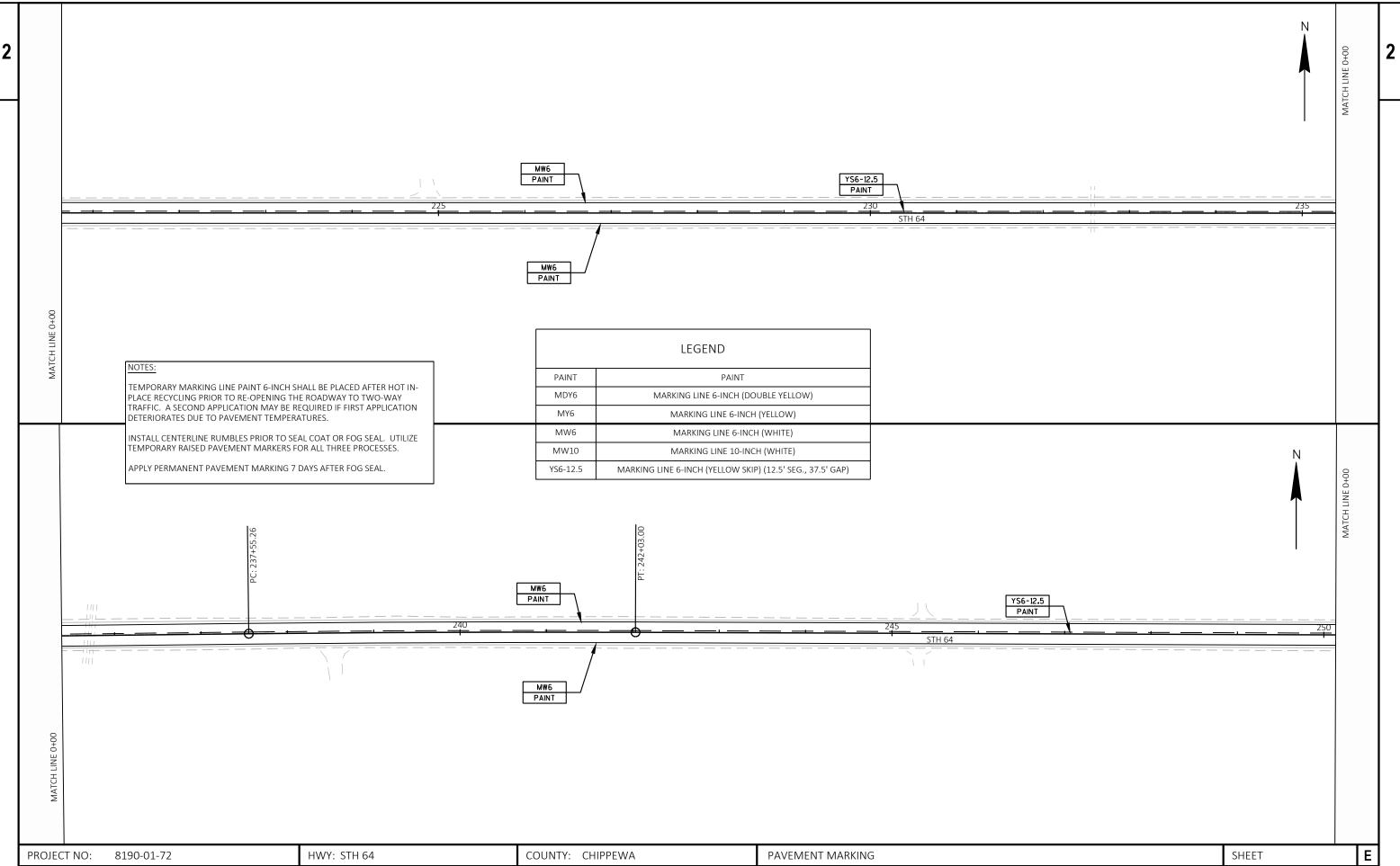


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PLOT DATE : 7/31/2023 11:36 AM

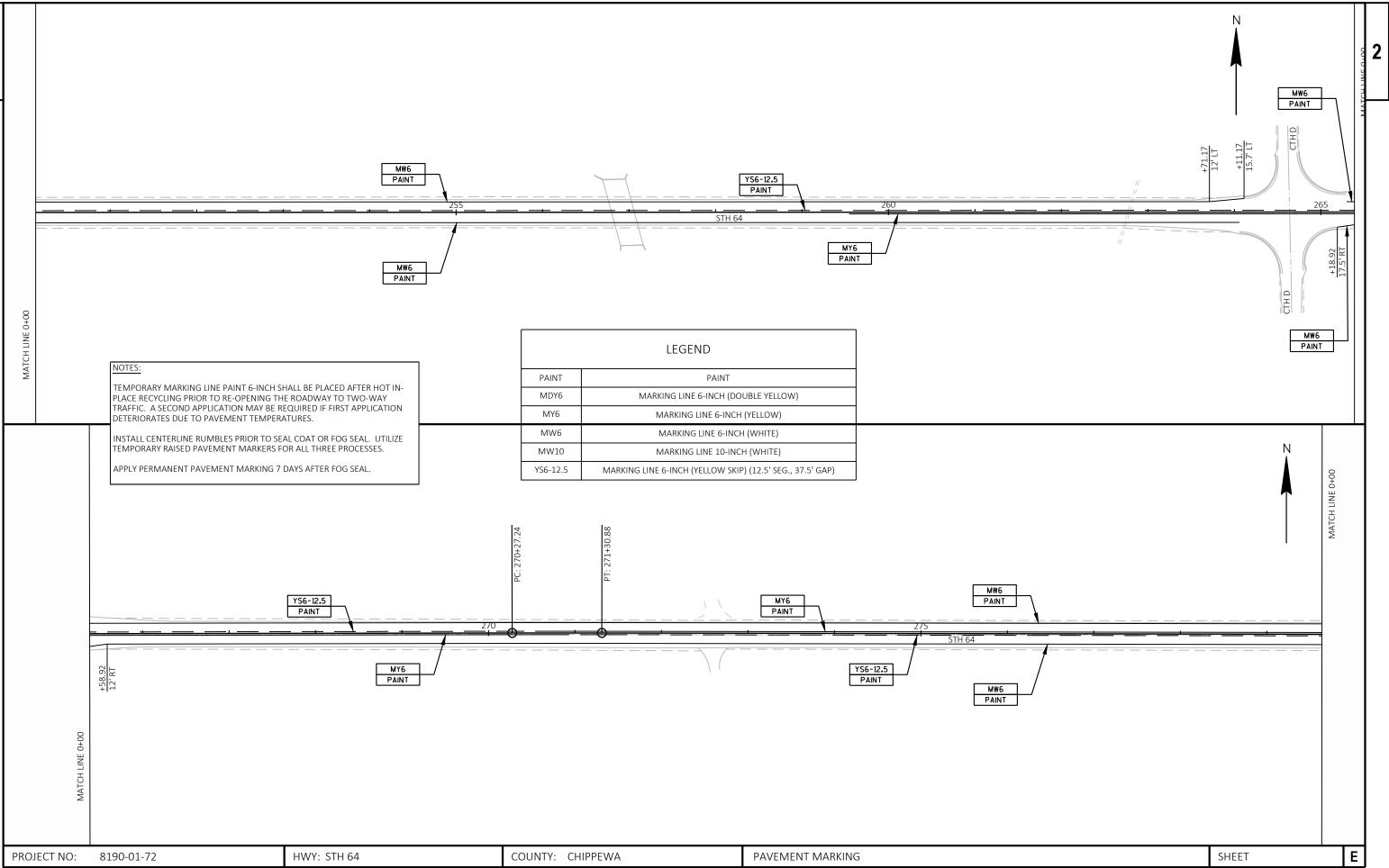


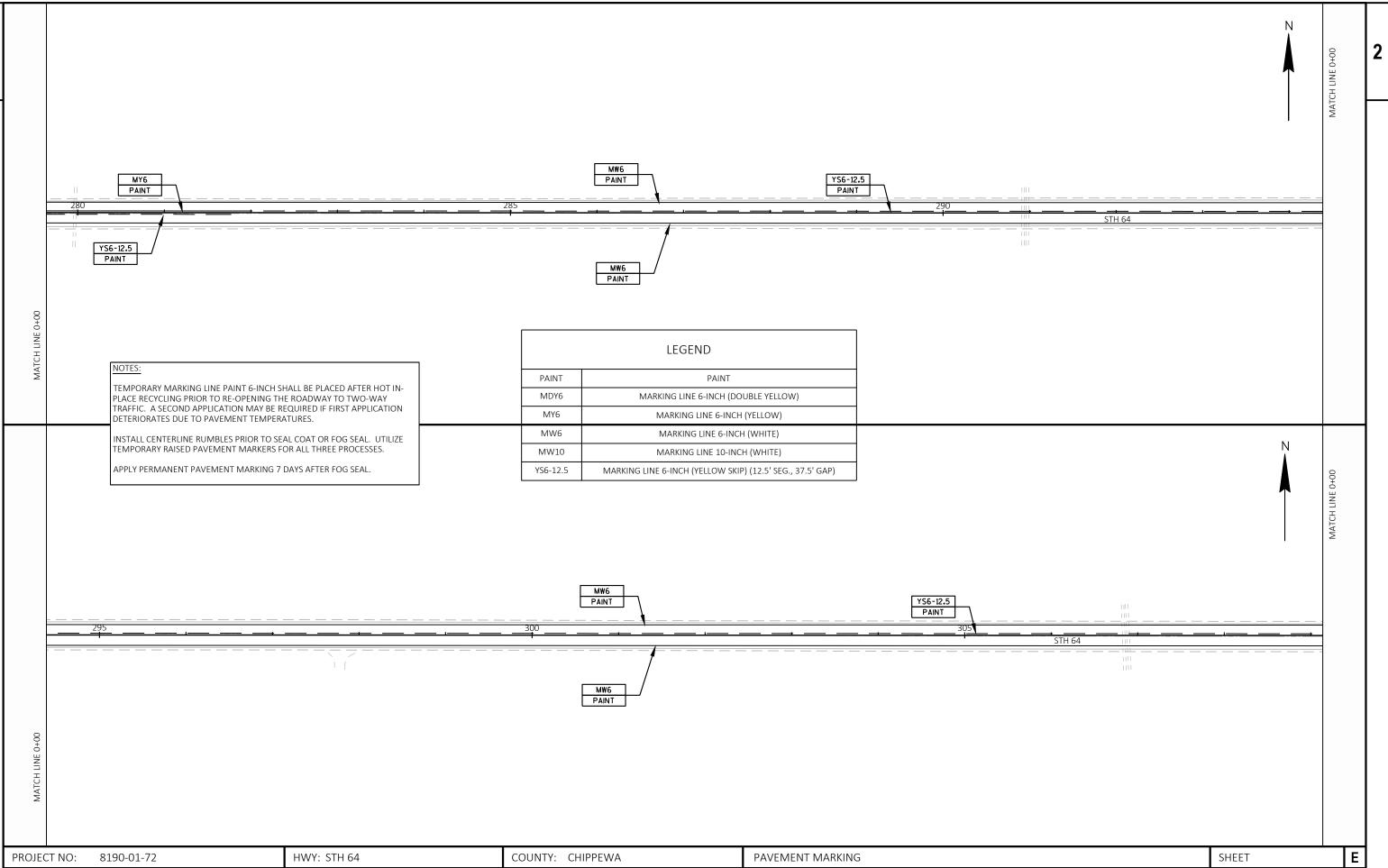
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FILE NAME : P.\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\024501_PM\024501_PM.DWG LAYOUT NAME - 05PLOT DATE : 7/31/2023 11:36 AM

PLOT BY : JARED HALBUR



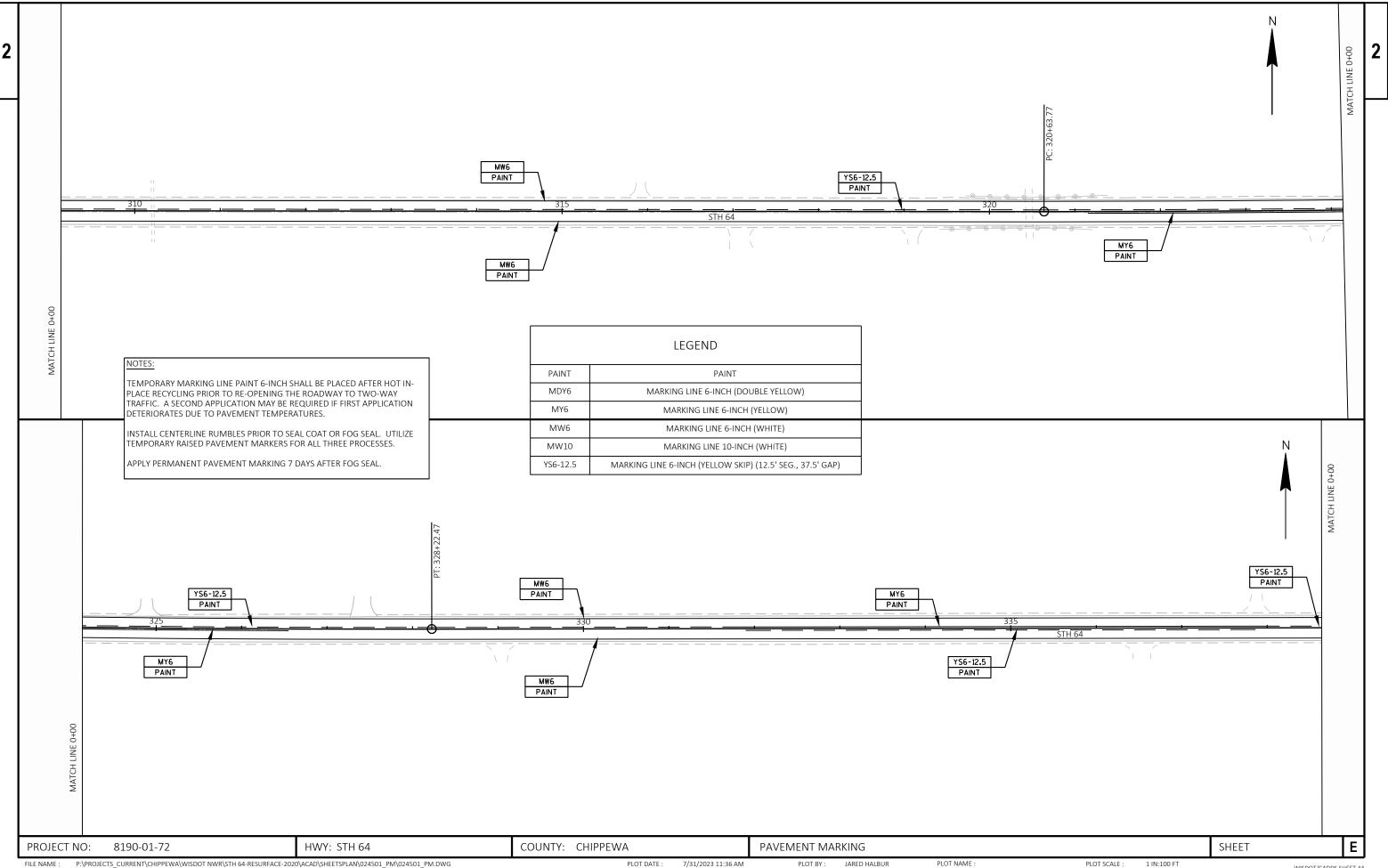


FILE NAME : P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\024501_PM\024501_PM.DWG LAYOUT NAME - 07-

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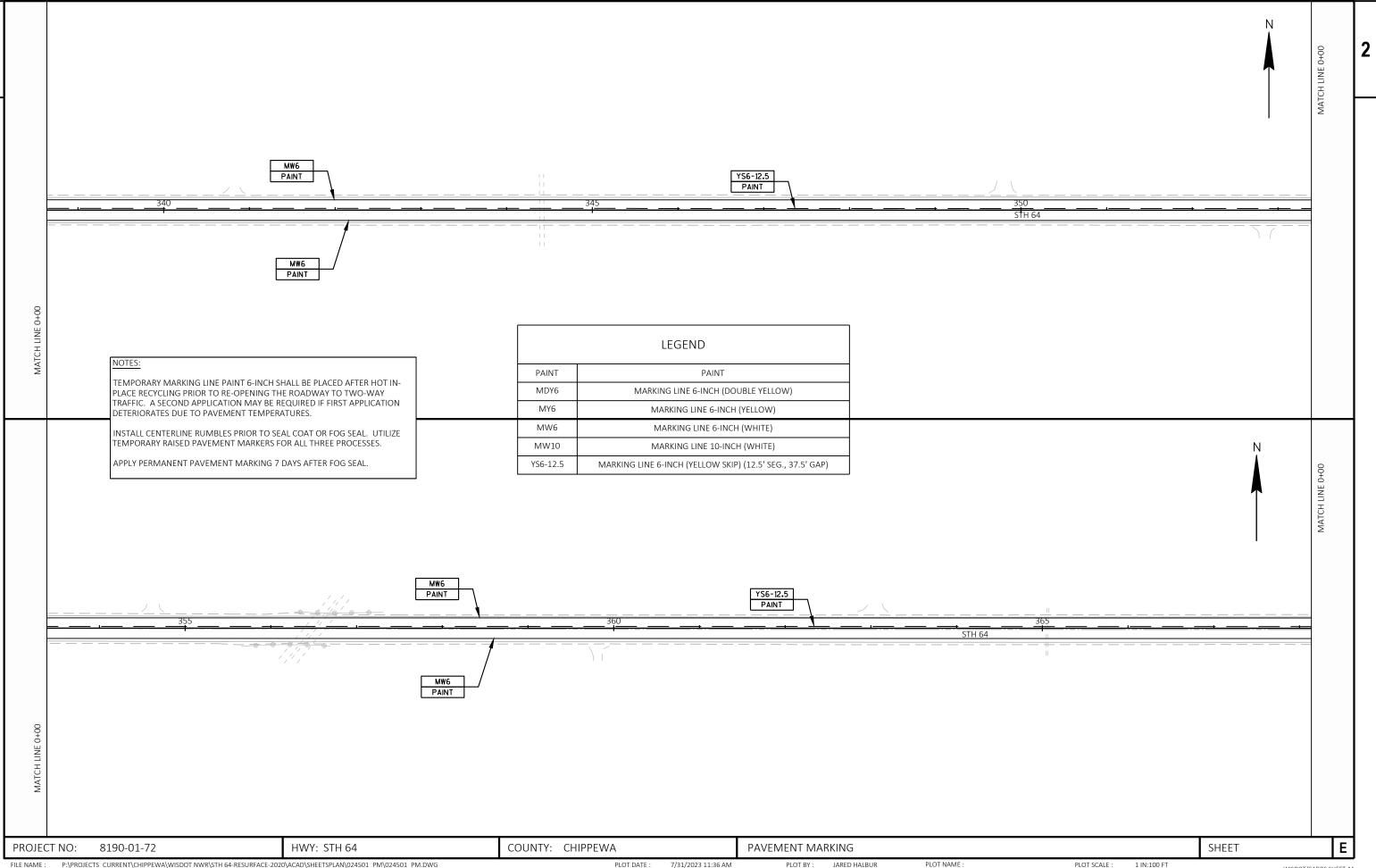
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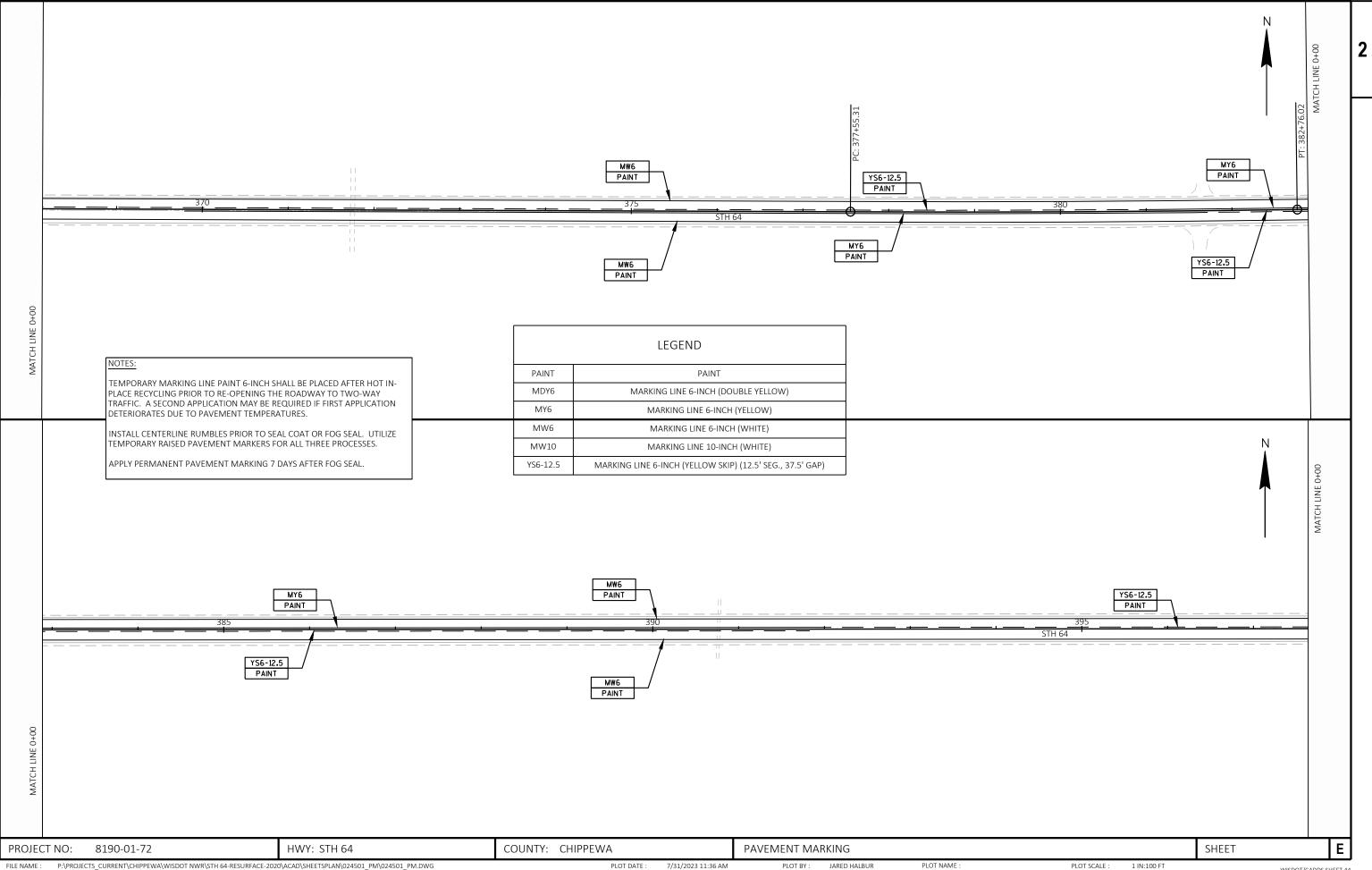
PLOT BY : JARED HALBUR PLOT NAME :



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PLOT BY : JARED HALBUR



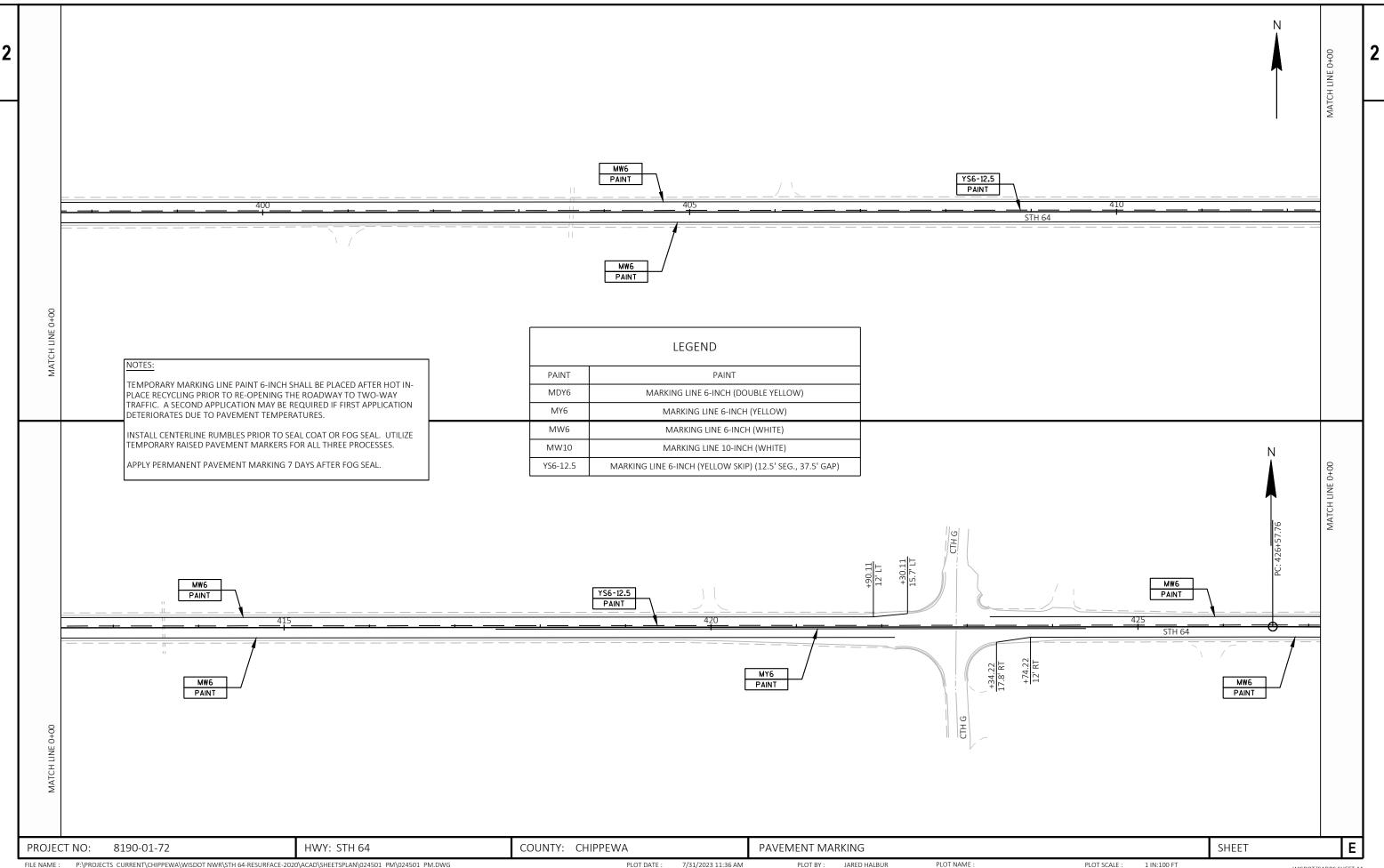


PROJECT NO:	8190-01-72	HWY: STH 64	COUNTY: CHIPPE	WA		PAVEMENT MA	RKING	
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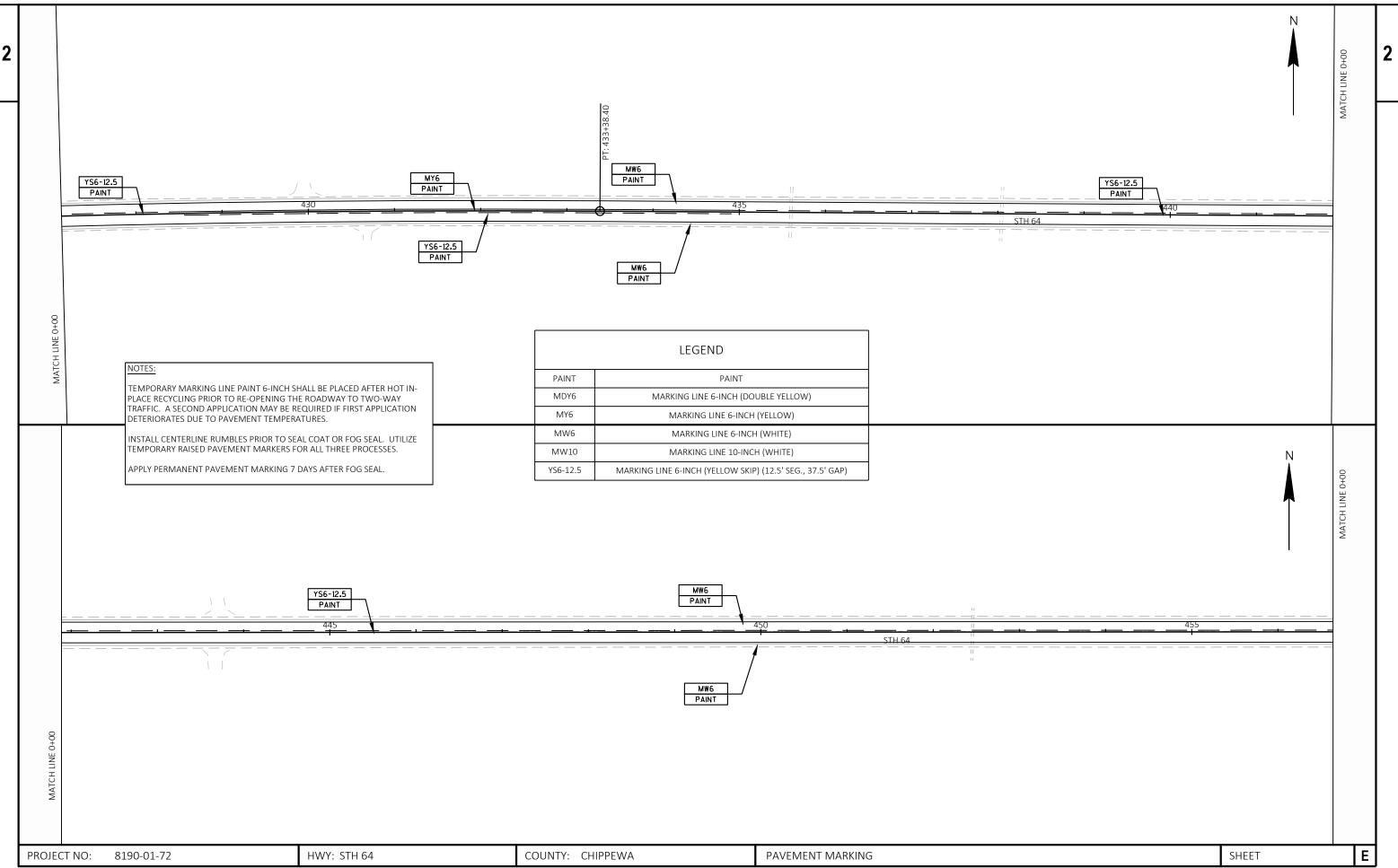
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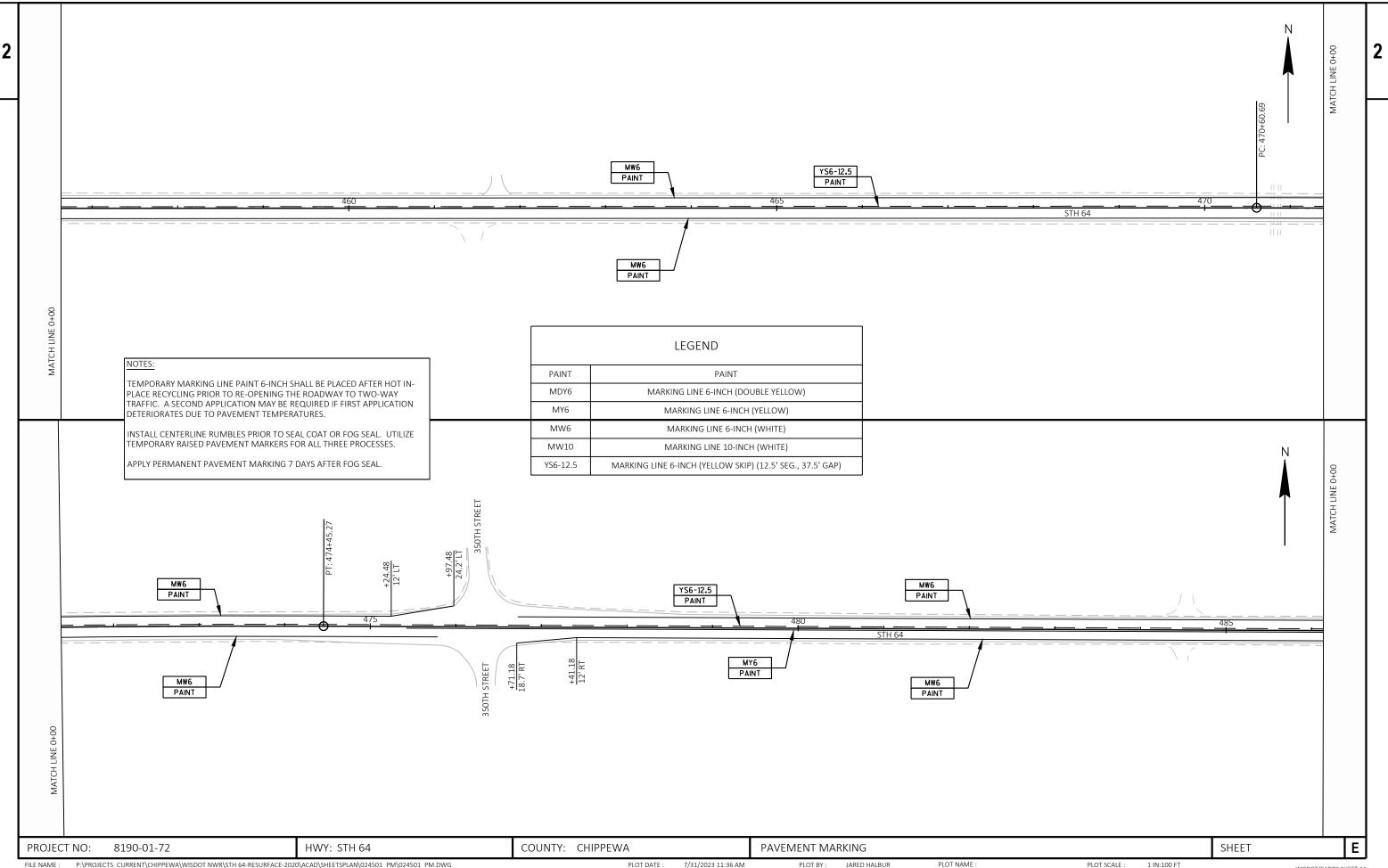
WISDOT/CADDS SHEET 44



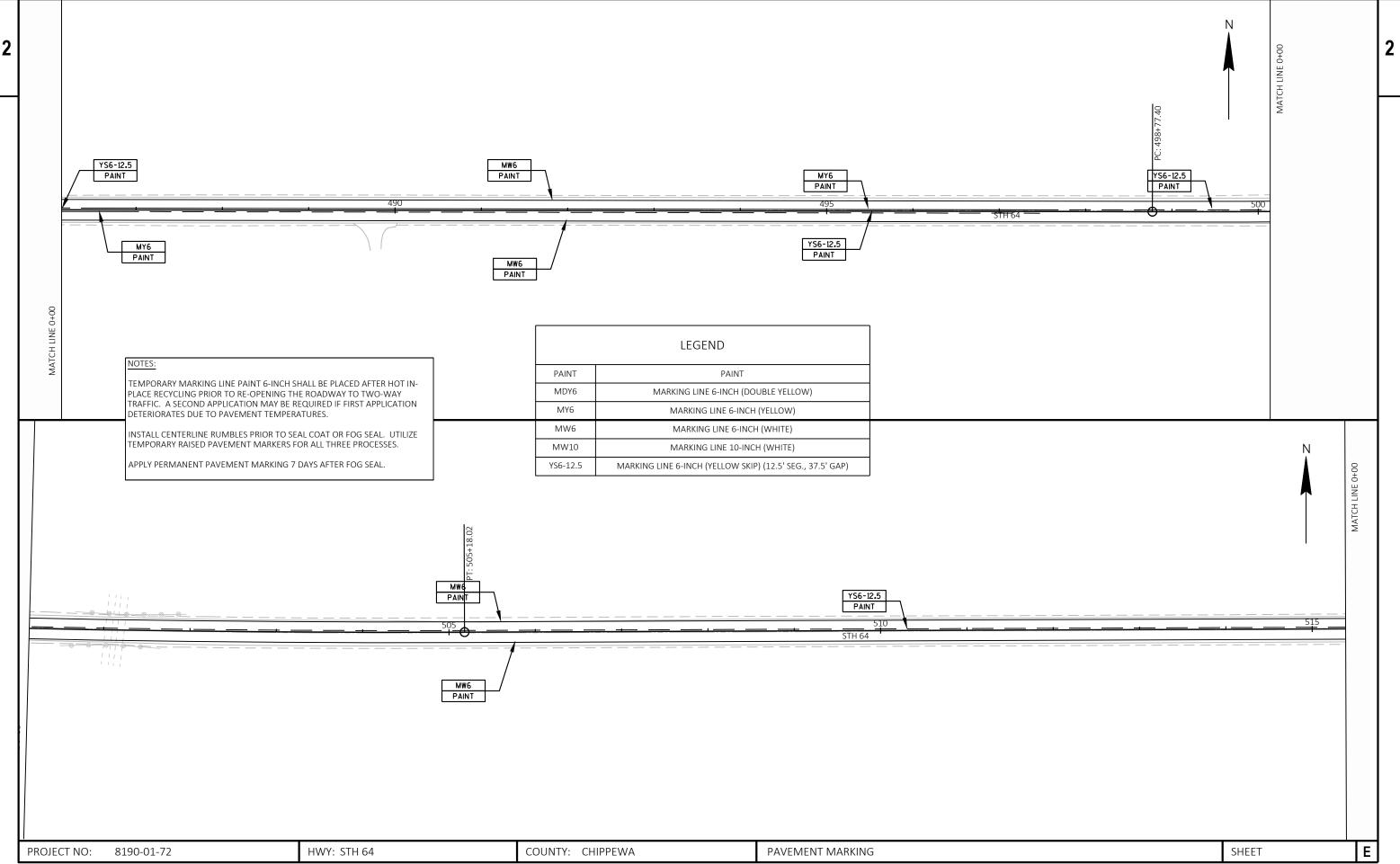
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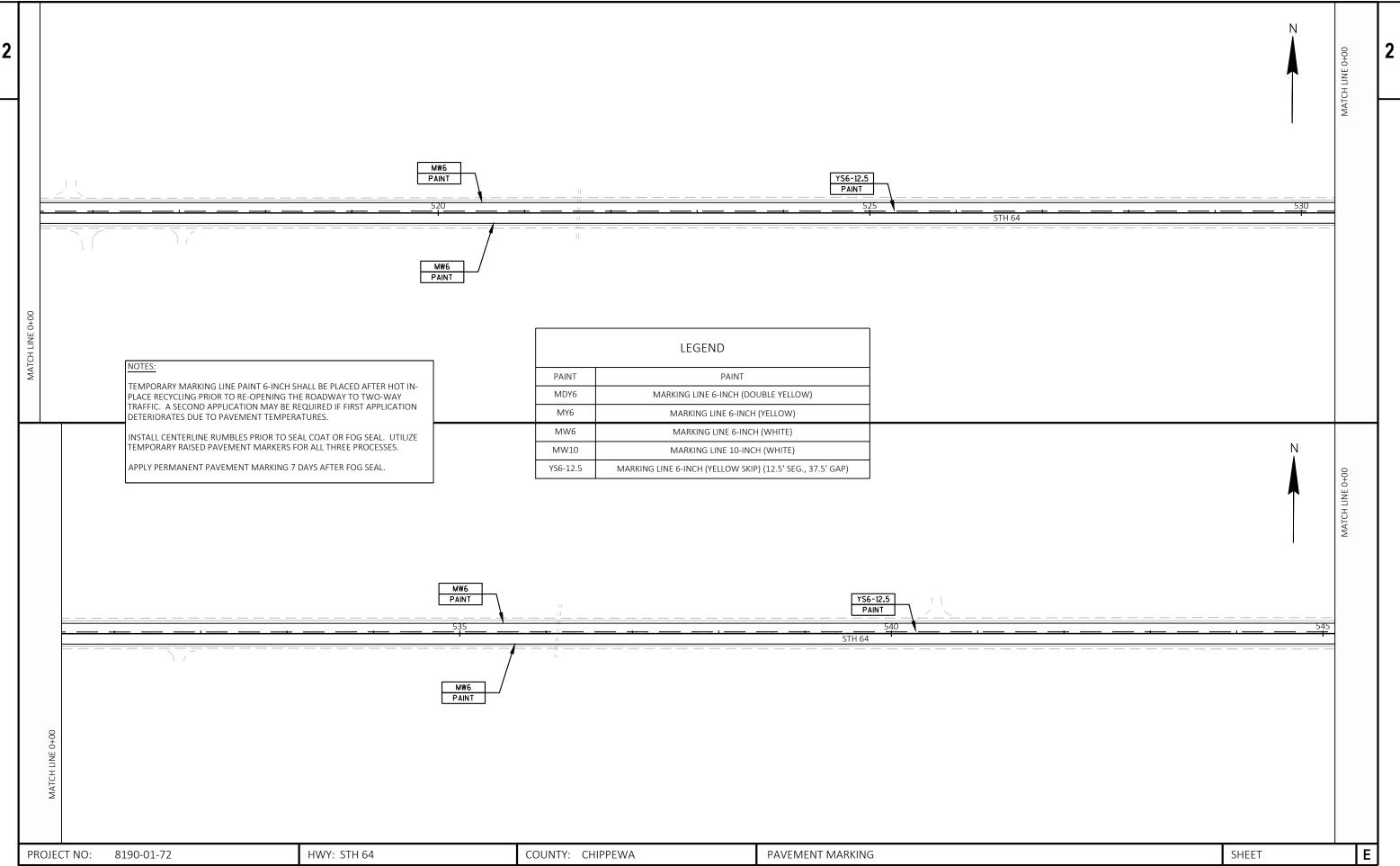
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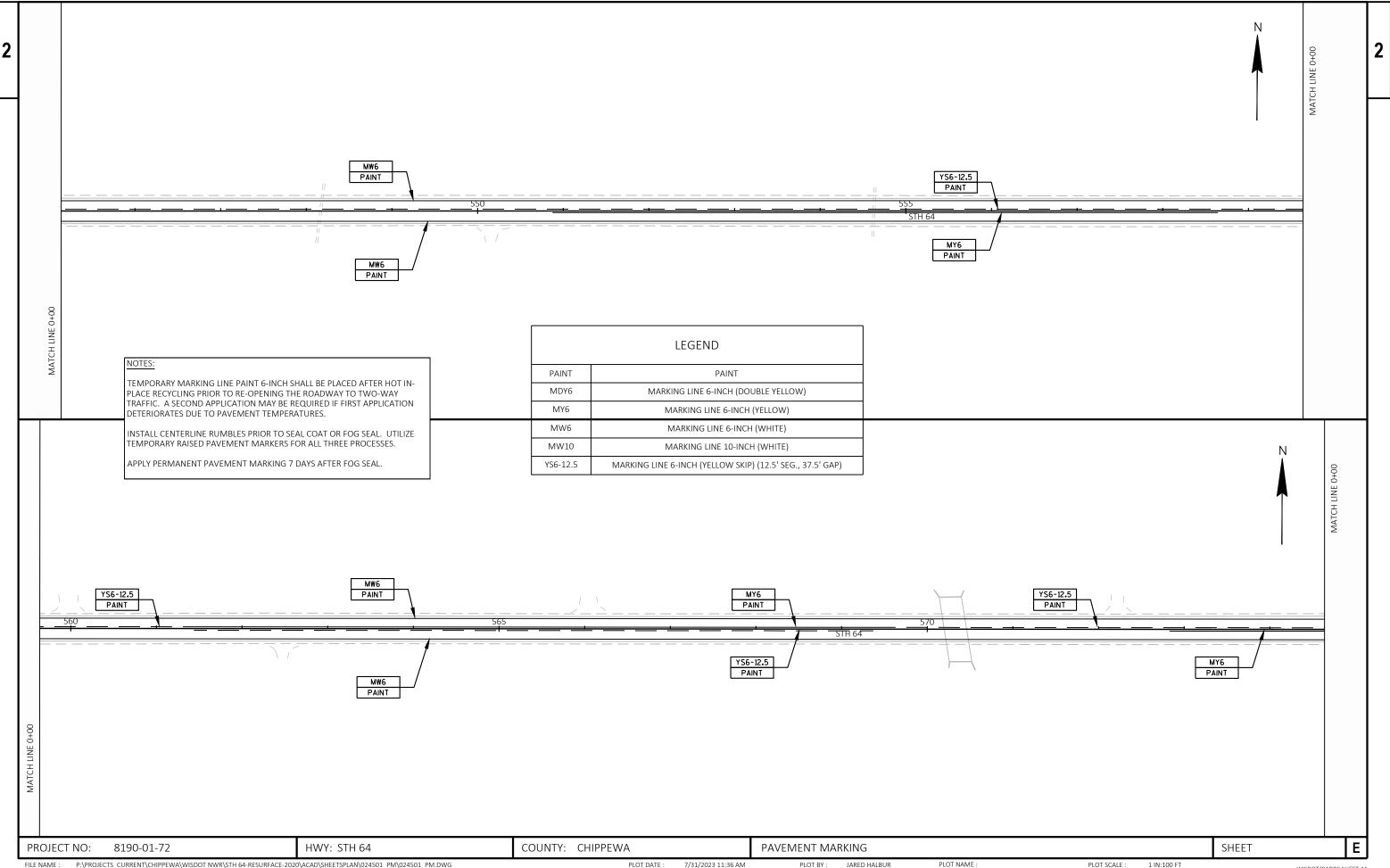
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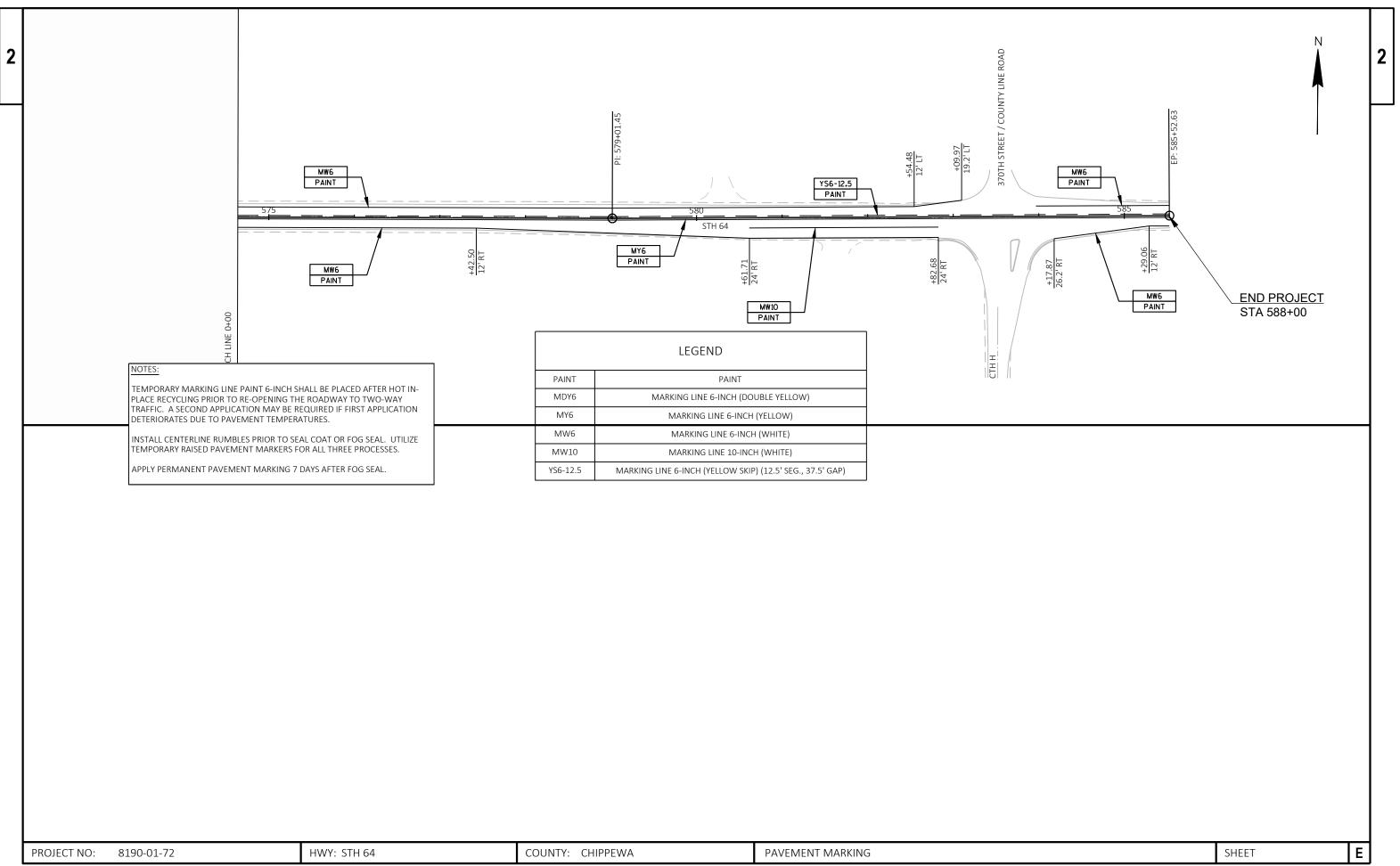
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FILE NAME : P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\024501_PM\024501_PM.DWG LAYOUT NAME - 15-



P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\024501_PM\024501_PM.DWG FILE NAME : LAYOUT NAME - 16-



PROJECT NO: 8190-01-72	HWY: STH 64	COUNTY: CHIPPEWA		PAVEMENT MAI	RKING	
FILE NAME : P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT_NWR\STH_64-RESURFACE-2020\/	ACAD\SHEETSPLAN\024501_PM\024501_PM_DWG	PLOT DATE ·	7/31/2023 11·36 AM	PLOT BY ·	JARED HALBUR	PLOT NAME :

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Estimate Of Quantities

					8190-01-72
Line	Item	Item Description	Unit	Total	Qty
0002	213.0100	Finishing Roadway (project) 01. 8190-01-72	EACH	1.000	1.000
0004	305.0110	Base Aggregate Dense 3/4-Inch	TON	2,400.000	2,400.000
0006	305.0500	Shaping Shoulders	STA	966.000	966.000
8000	465.0560	Asphaltic Rumble Strips, Centerline	LF	48,290.000	48,290.000
0010	606.0300	Riprap Heavy	CY	240.000	240.000
0012	614.0400	Adjusting Steel Plate Beam Guard	LF	200.000	200.000
0014	614.0950	Replacing Guardrail Posts and Blocks	EACH	20.000	20.000
0016	614.0951	Replacing Guardrail Rail and Hardware	LF	200.000	200.000
0018	614.0953	Replacing EAT Reflective Panel	EACH	12.000	12.000
0020	618.0100	Maintenance and Repair of Haul Roads (project) 01. 8190-01-72	EACH	1.000	1.000
0022	619.1000	Mobilization	EACH	1.000	1.000
0024	624.0100	Water	MGAL	25.000	25.000
0026	625.0100	Topsoil	SY	385.000	385.000
0028	628.1504	Silt Fence	LF	1,200.000	1,200.000
0030	628.1520	Silt Fence Maintenance	LF	600.000	600.000
0032	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000
0034	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000
0036	628.2008	Erosion Mat Urban Class I Type B	SY	385.000	385.000
0038	629.0210	Fertilizer Type B	CWT	0.250	0.250
0040	630.0120	Seeding Mixture No. 20	LB	10.200	10.200
0042	630.0200	Seeding Temporary	LB	5.300	5.300
0044	630.0500	Seed Water	MGAL	9.600	9.600
0046	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	20.000	20.000
0048	638.2102	Moving Signs Type II	EACH	20.000	20.000
0050	642.5001	Field Office Type B	EACH	1.000	1.000
0052	643.0300	Traffic Control Drums	DAY	300.000	300.000
0054	643.0900	Traffic Control Signs	DAY	2,200.000	2,200.000
0056	643.3165	Temporary Marking Line Paint 6-Inch	LF	55,000.000	55,000.000
0058	643.3770	Temporary Marking Raised Pavement Marker Type II	EACH	2,000.000	2,000.000
0060	645.0120	Geotextile Type HR	SY	600.000	600.000
0062	646.2005	Marking Line Paint 6-Inch	LF	132,500.000	132,500.000
0064	646.4005	Marking Line Paint 0-Inch Marking Line Paint 10-Inch	LF	230.000	230.000
0066	650.8000	Construction Staking Resurfacing Reference	LF	48,290.000	48,290.000
0068	650.9911	Construction Staking Resultating Reference	EACH	48,290.000	48,290.000
0008	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	300.000	300.000
0070	ASP.110A	On-the-Job Training Apprentice at \$5.00/HR On-the-Job Training Graduate at \$5.00/HR	HRS	300.000	300.000
0072	SPV.0060	Special 01. Traffic Control Special	EACH	1.000	1.000
0076	SPV.0170	Special 01. Surface Recyling	STA	484.000	484.000
0078	SPV.0180	Special 01. Seal Coat	SY	166,789.000	166,789.000
0080	SPV.0195	Special 01. Asphalt Rejuventating Agent	TON	200.000	200.000
0082	SPV.0195	Special 02. Bituminous Material for Seal Coat	TON	245.000	245.000
0084	SPV.0195	Special 03. Asphalt Base Patch Partial Depth	TON	190.000	190.000
0086	SPV.0195	Special 04. Fog Seal	TON	125.000	125.000

01/25/2024 09:12:46

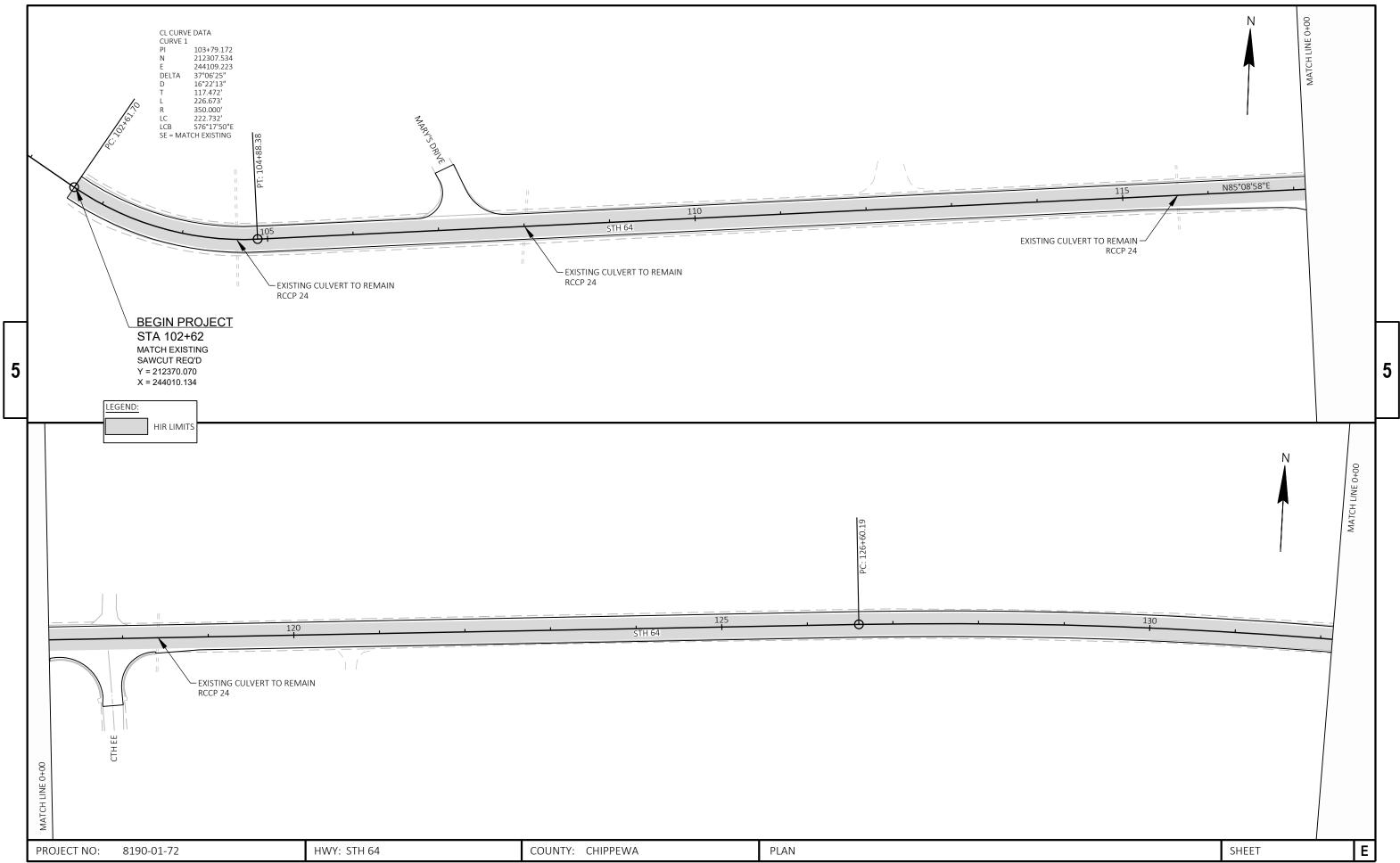
Page 1

		BAS		<u>E DENSE ITEN</u>	<u>AS</u>			ASPHALTIC ITE	EMS			<u>RIPRA</u>	P AND GEOT	EXTILE FAB	RIC ITEMS	
CA	STATION - STATION	LOCATION	305.0110 BASE AGGREG. DENSE 3/4-INCH TON	ATE 305.050 Shapin Shoulde Sta	G		STATION - STATIO	N LOCATION	465.0560 ASPHALT RUM STRIPS, CENTERLINI LF		STATIC CATEGORY C		LOCATION	606.0300 RIPRAP HEAV CY	GEOTEX Y TY	5.0120 TILE FABR (PE HR SY
	318+41 - 322+39 354+65 - 358+31 499+50 - 502+96 102+62 - 585+52	LT/RT LT/RT LT/RT LT/RT	60 50 60 2,200	 966	RESHOULDERIN	NG AT GUARDRAIL NG AT GUARDRAIL NG AT GUARDRAIL	CATEGORY CODE 00 PROJECT	10 CL	48,290		319+42 - 3 355+65 - 3 500+50 - 5	57+32 01+96	LT/RT LT/RT LT/RT	80 50 60		200 125 150
	UNDISTRIBUTED	LT/RT	30		SHOULDENING			TOTALS	48,290		UNDISTRIE	UIED	LT/RT	50		125
		TOTALS	2,400	966									TOTALS	240		600
				BEAMGUAR	RD ITEMS								CAPING ITE	MS		
-	STATION - STATION CATEGORY CODE 0010	LOCATION	614.095 REPLACING GU/ POSTS AND B EACH	ARDRAIL REP	614.0951 LACING GUARDRAIL IL AND HARDWARE LF	614.0400 ADJUSTING STEEL PLATE BEAMGUARD LF	614.0953 REPLACING EAT REFLECTIVE PANEL EACH		STATION - S	STATION	e	25.0100 OPSOIL	629.0210 FERTILIZER TYPE B CWT	630.0120 SEED MIX NO. 20 LBS	630.0200 SEEDING TEMPORARY LBS	630 SEED
-		1.7/07			50				CATEGORY CO			01	0001	LDO	LBO	
	319+42 - 321+39 355+65 - 357+32 500+50 - 501+96 UNDISTRIBUTED	LT/RT LT/RT LT/RT LT/RT	5 5 5 5		50 50 50 50	 200	4 4 4 		319+42 - 3 355+65 - 3 500+50 - 5	357+32	LT/RT LT/RT LT/RT	135 125 125	0.09 0.08 0.08	3.6 3.3 3.3	1.9 1.7 1.7	3 3 3
		TOTAL	20		200	200	12				TOTALS	385	0.25	10.2	5.3	ę
			EROS		ITEMS			I								
			628.1504 SILT FENCE	628.1520 SILT FENCE MAINTENANCE	628.2008 EROSION MAT URBAN CLASS 1 TYPE B	628.1905 MOBILIZATIONS EROSION CONTROL	628.1910 MOBILIZATIONS ERSION CONTROL			G ITEMS 634.0612 STS WOOD	638.2102 MOVING SIG	45			WATER	
	TATION - STATION DRY CODE 0010	LOCATION			SY	EACH	EACH	STATION I CATEGORY COL	LOCATION	4X6X12 EACH	TYPE II EACH			STATION - S		624.010 WATEF MGAL
	PROJECT 319+42 - 321+39 355+65 - 357+32 500+50 - 501+96	 LT/RT LT/RT LT/RT	400 400 400	 200 200 200	 135 125 125	2 	1 	PROJECT	LT/RT	20	20			PROJE		25
		TOTALS	1,200	600	385	2	1		TOTALS	20	20				TOTALS	25
															MIS	C. SHEET

	WATER	
NS	624.0100 WATER STATION - STATION MGAL	
—	CATEGORY CODE 0010	
	PROJECT 25	
	TOTALS 25	
	MISC. SHEET 1	
	SHEET:	E

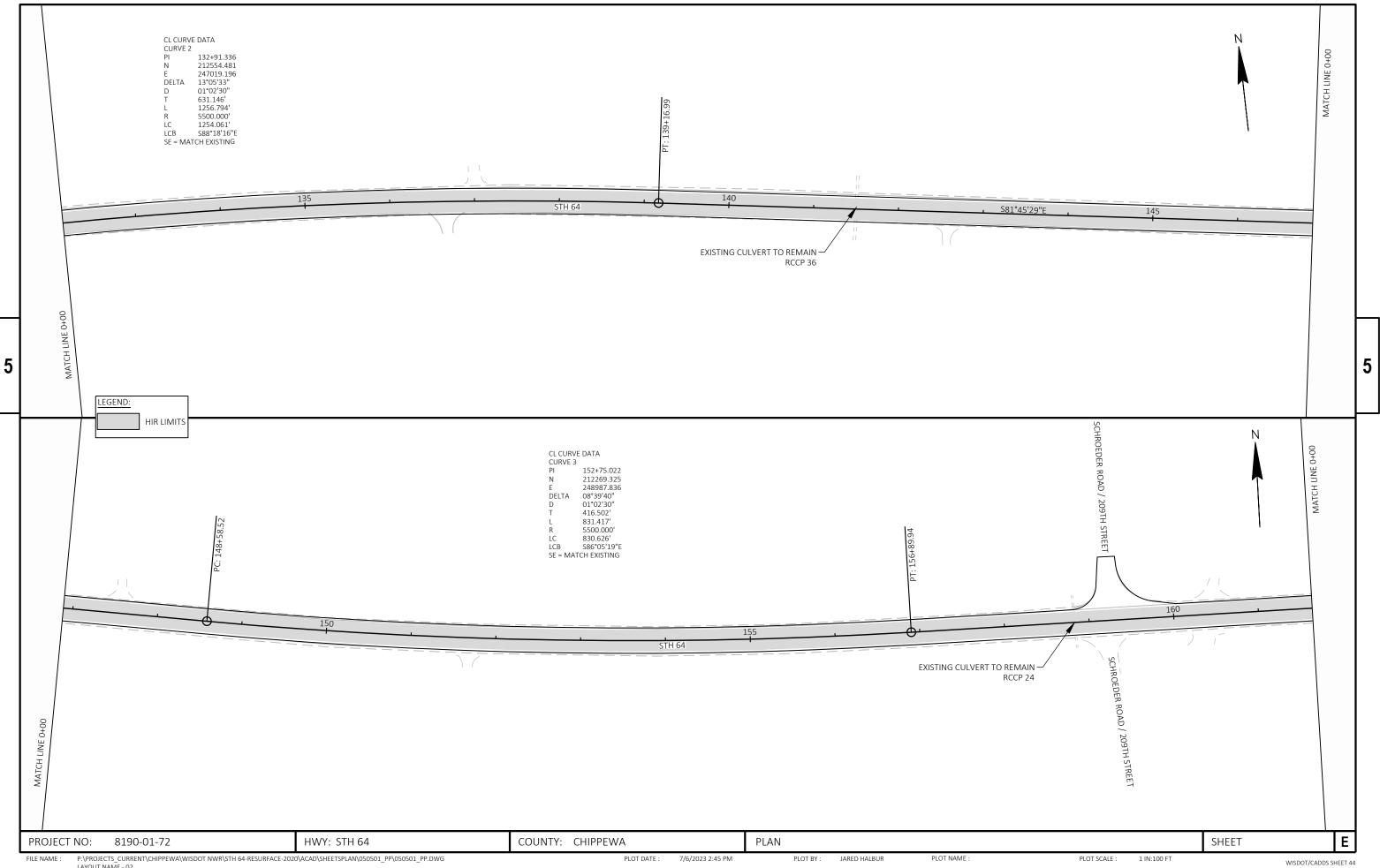
						PAVEMEN	IT MARKING	
TRAFFIC CONTROL ITEMS SPV.0060.01					MAR		646.4005 MARKING LINE	643.3165 TEM PORARY MARKING LINE PAINT 6-INCH
	TRAFFIC643.0900ROL SPECIALSIGNSEACHDAYS			OFFSET	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF
CATEGORY CODE 0010	DATS		CATEGORY CO	DDE 0010				
PROJECT 300	1 2,200		PROJECT	CL	96,000	36,500	230	55,000
TOTALS 300	1 2,200			TOTALS	1:	32,500	230	55,000
CONSTRUCTION STAKING	<u>G ITEMS</u>						SPECIALS	
650.8 RESURF REFER STATION - STATION LOCATION LF CATEGORY CODE 0010	ACING SUPPLEMENTAL ENCE CONTROL	STATION CATEGORY C	LOCATION	SPV.0170.0 SURFACE RECY SPV STA		SPV.0195.03 ASPHALT BASE PA PARTIAL DEPTH TON		SPV.019 V FOG SEAL TON
PROJECT CL 482	90 1	PROJECT	CL	484		190	166,789	125
TOTALS 48,2	290 1		TOTALS	484		190	166,789	125
FIELD OFFICE								
	642.5001 OFFICE TYPE B EACH							
PROJECT	1							
TOTALS	1							
	I							
PROJECT NO: 8190-01-72			HIPPEWA MISCELLANEOUS QUANTITIES					

643.3770	
Y TEMPORARY RAISED NE PAVEMENT MARKER	
H TYPE II EACH	3
2,000	
2,000	
SPV.0195.02 SPV.0195.01 195.04 BITUMINOUS MATERIAL ASPHALT EAL SPV FOR SEAL COAT REJUVENATING AGENT ON TON TON	
25 245 200	
25 245 200	
	_
MISC. SHEET 2	
SHEET:	

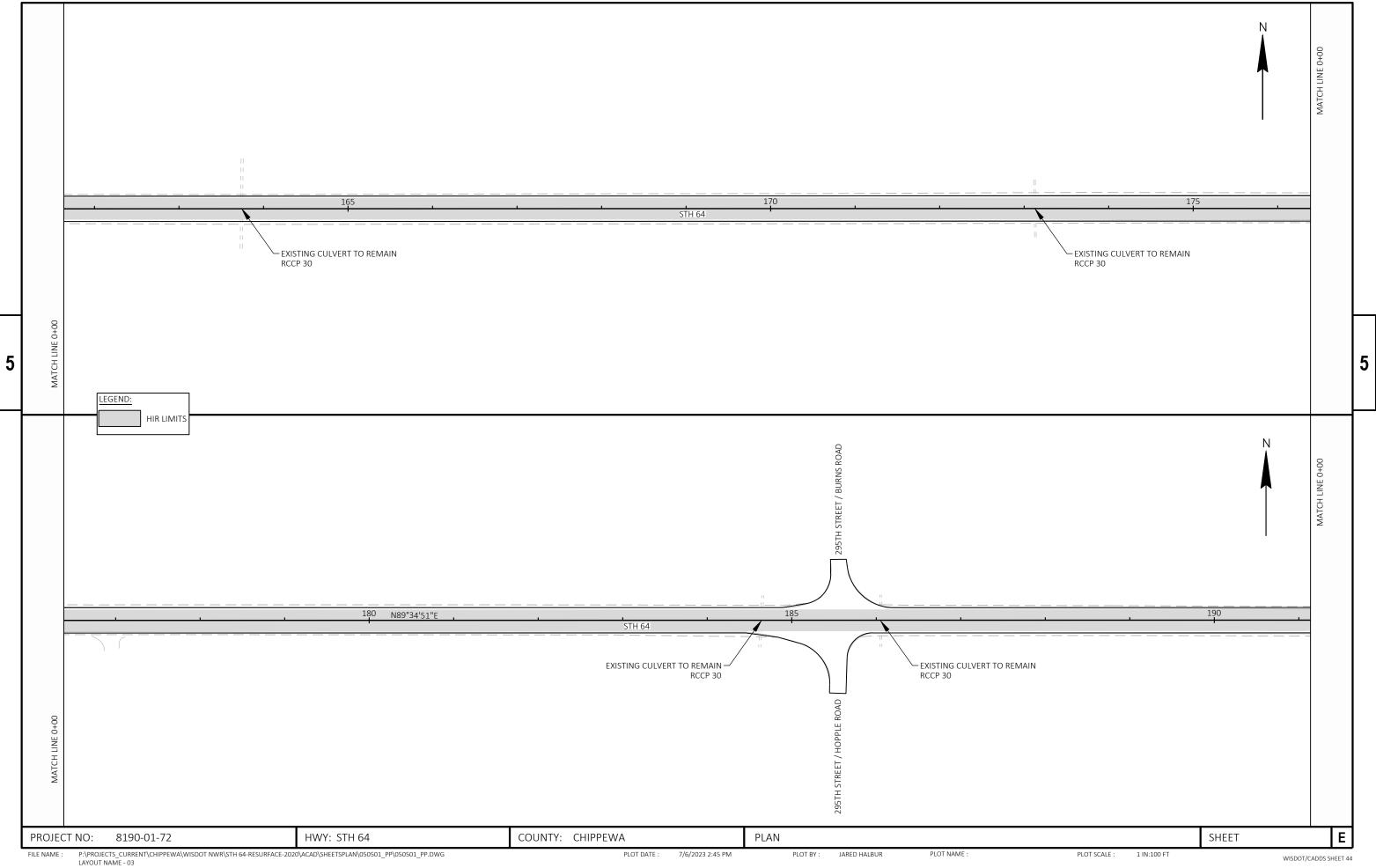


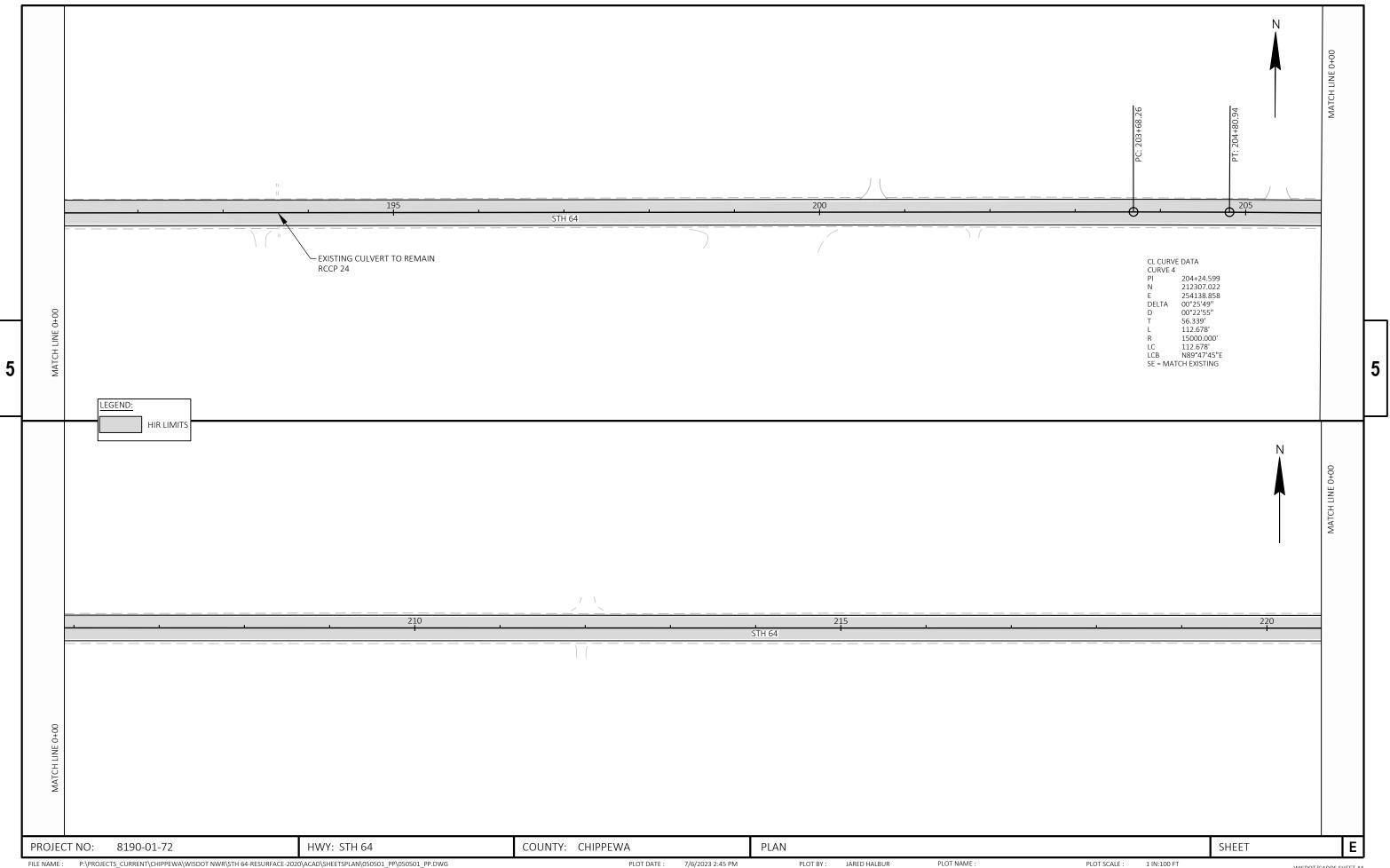
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PLOT DATE : 7/6/2023 2:45 PM PLOT BY : JARED HALBUR

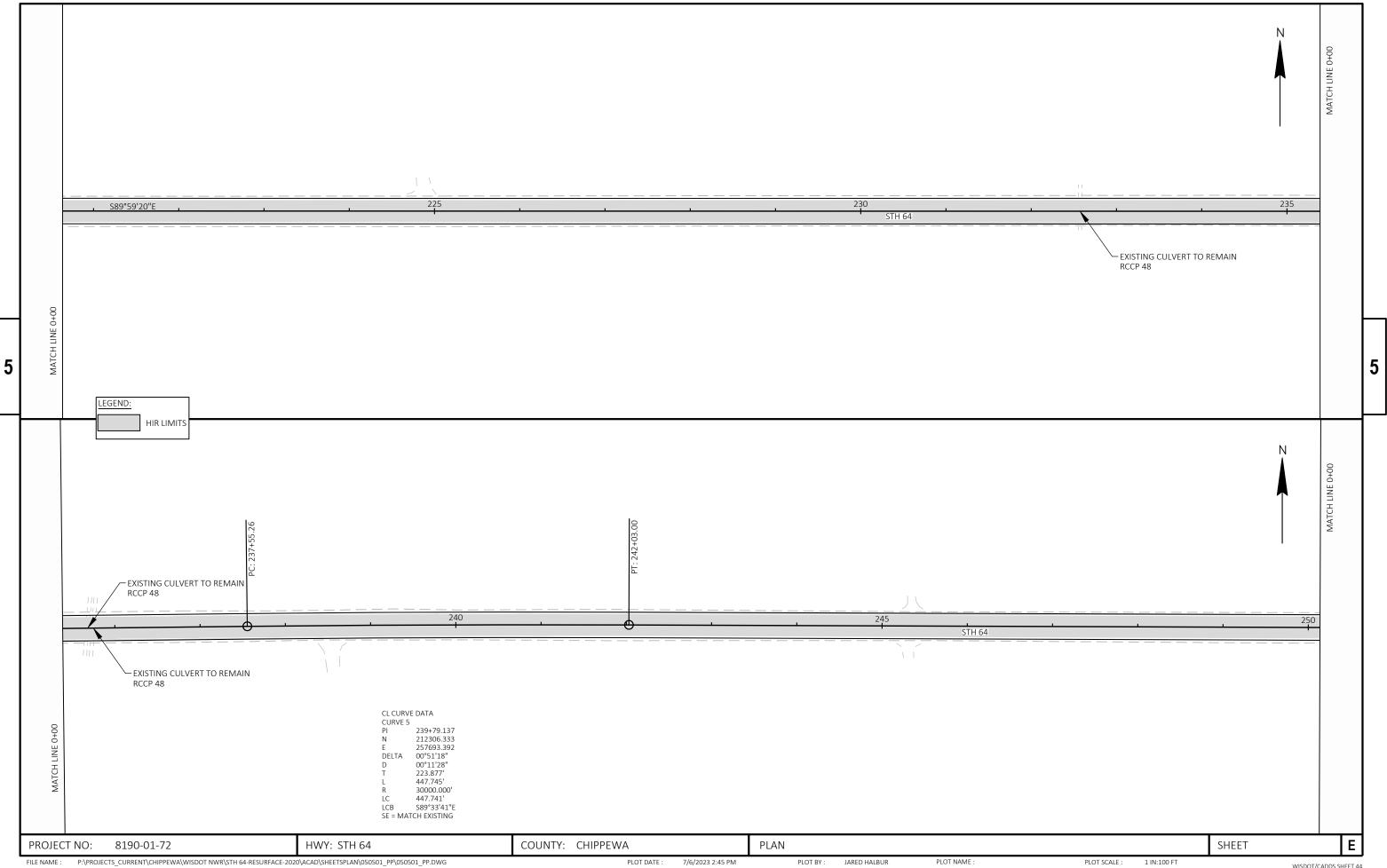


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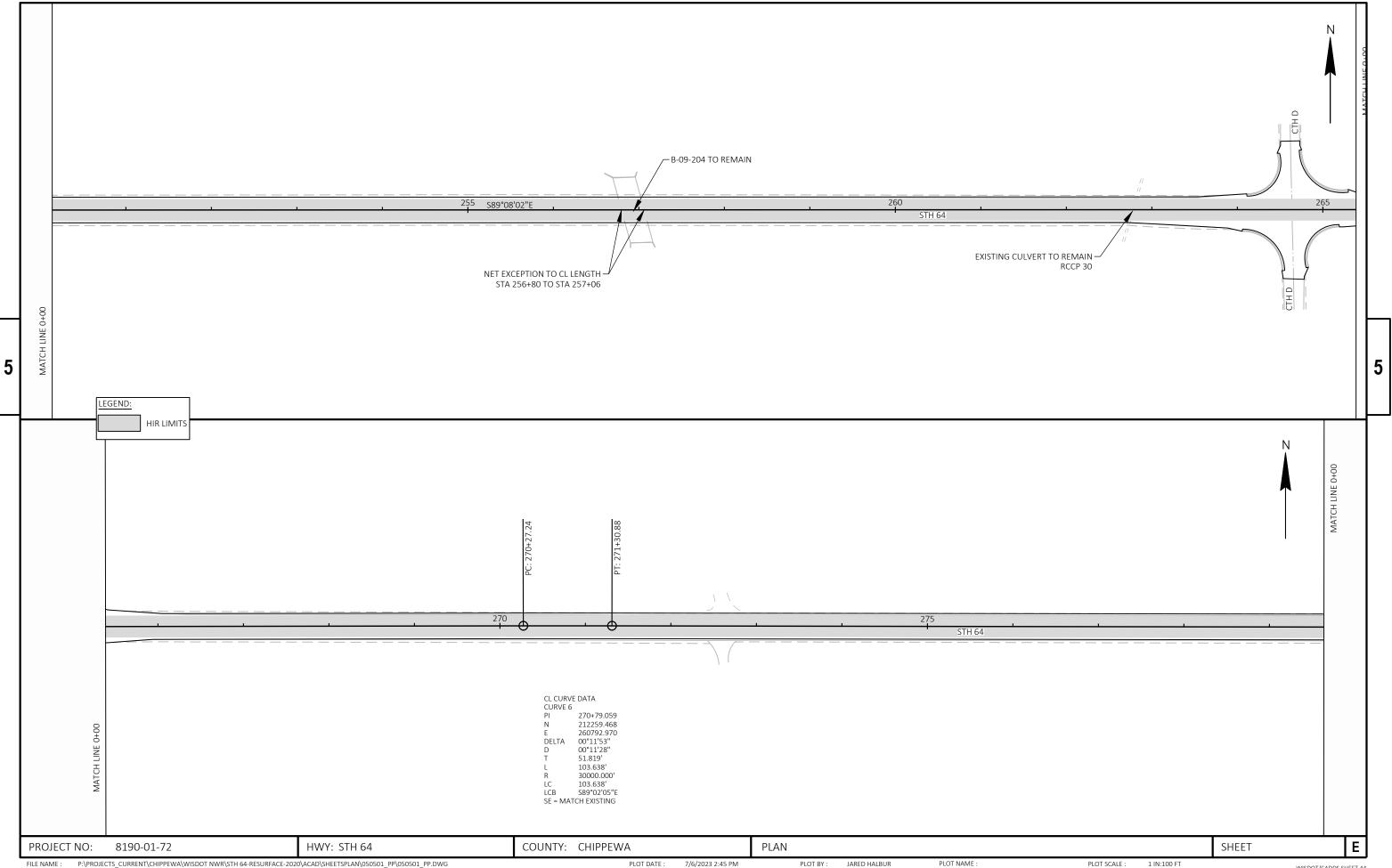


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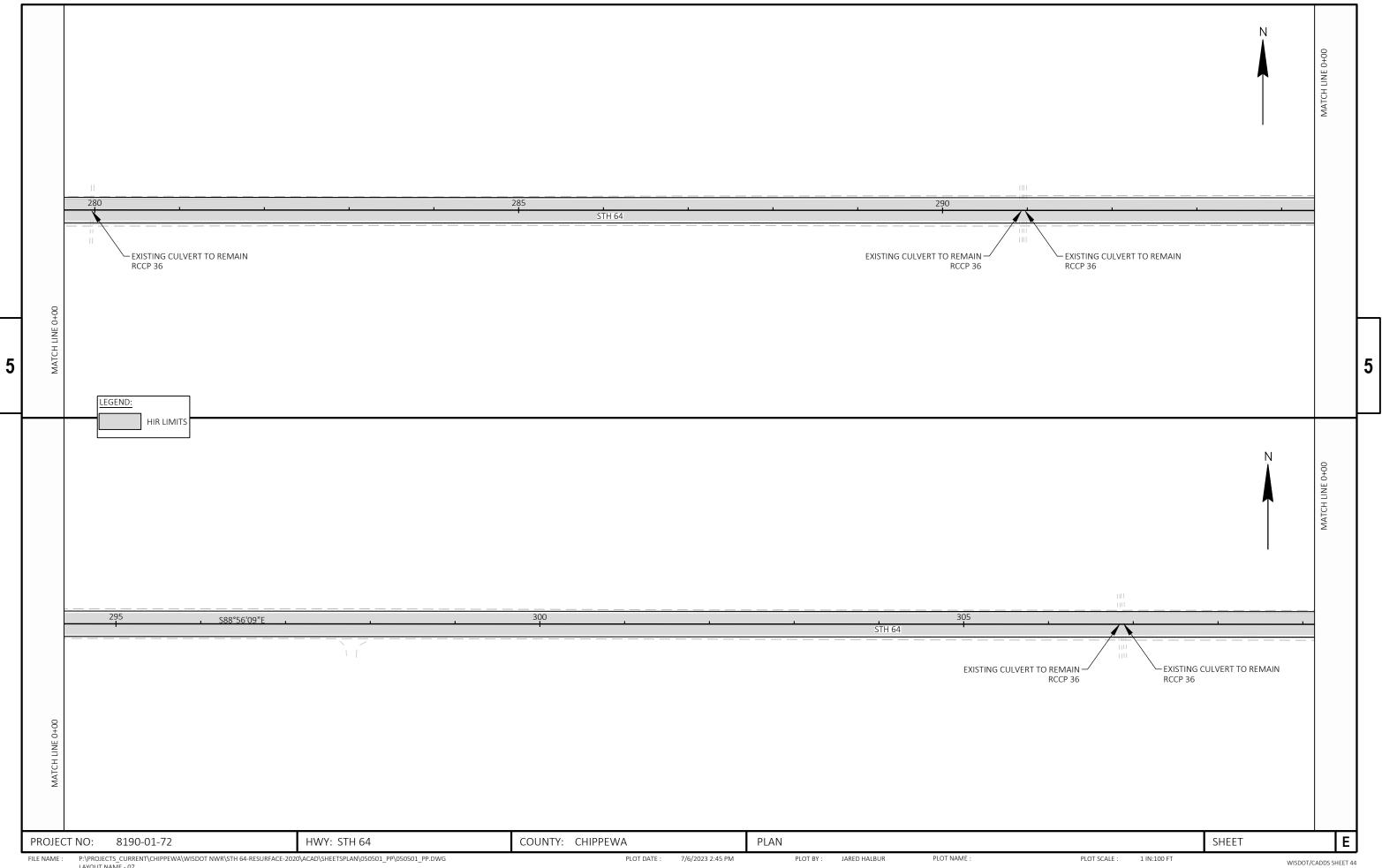
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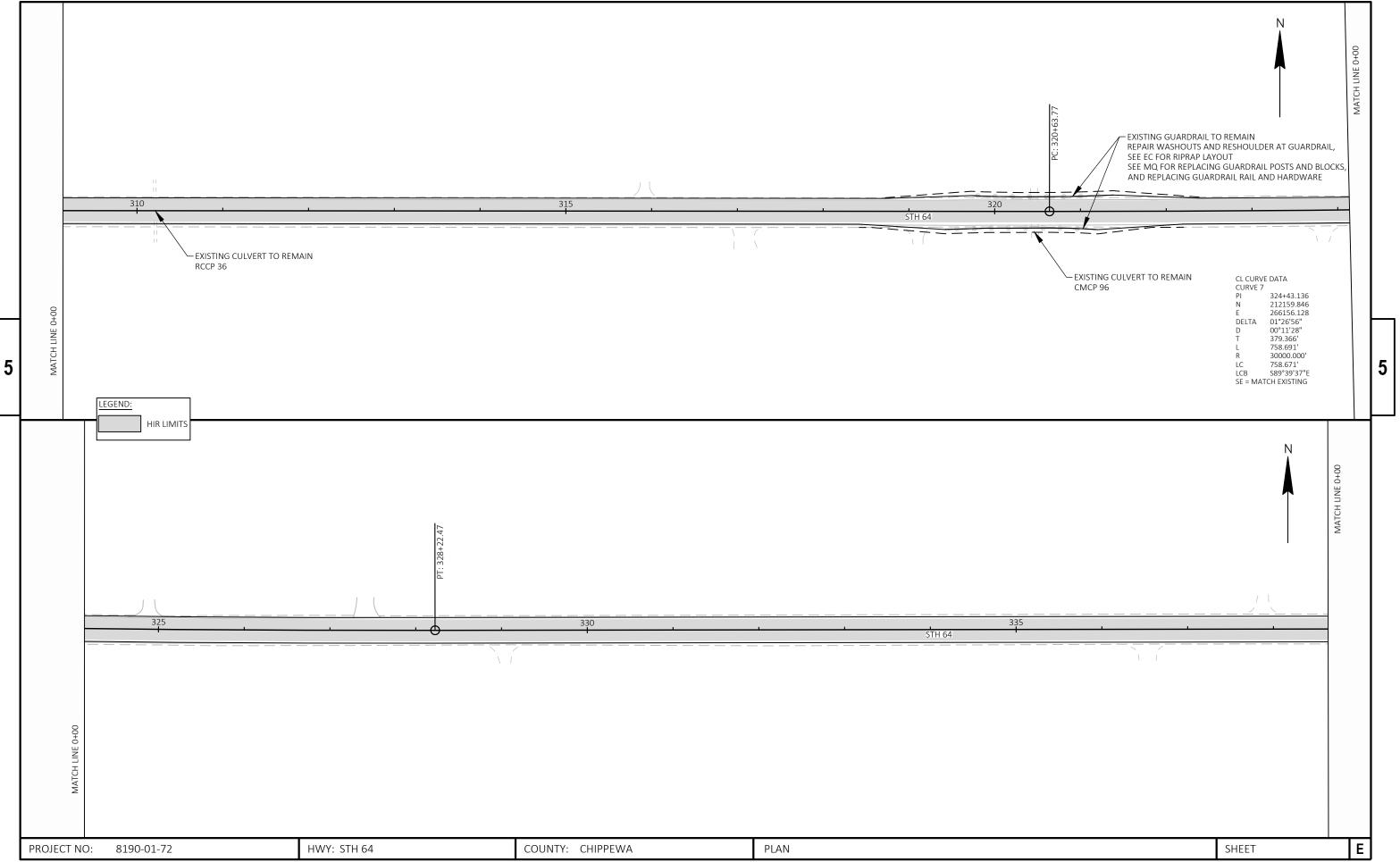


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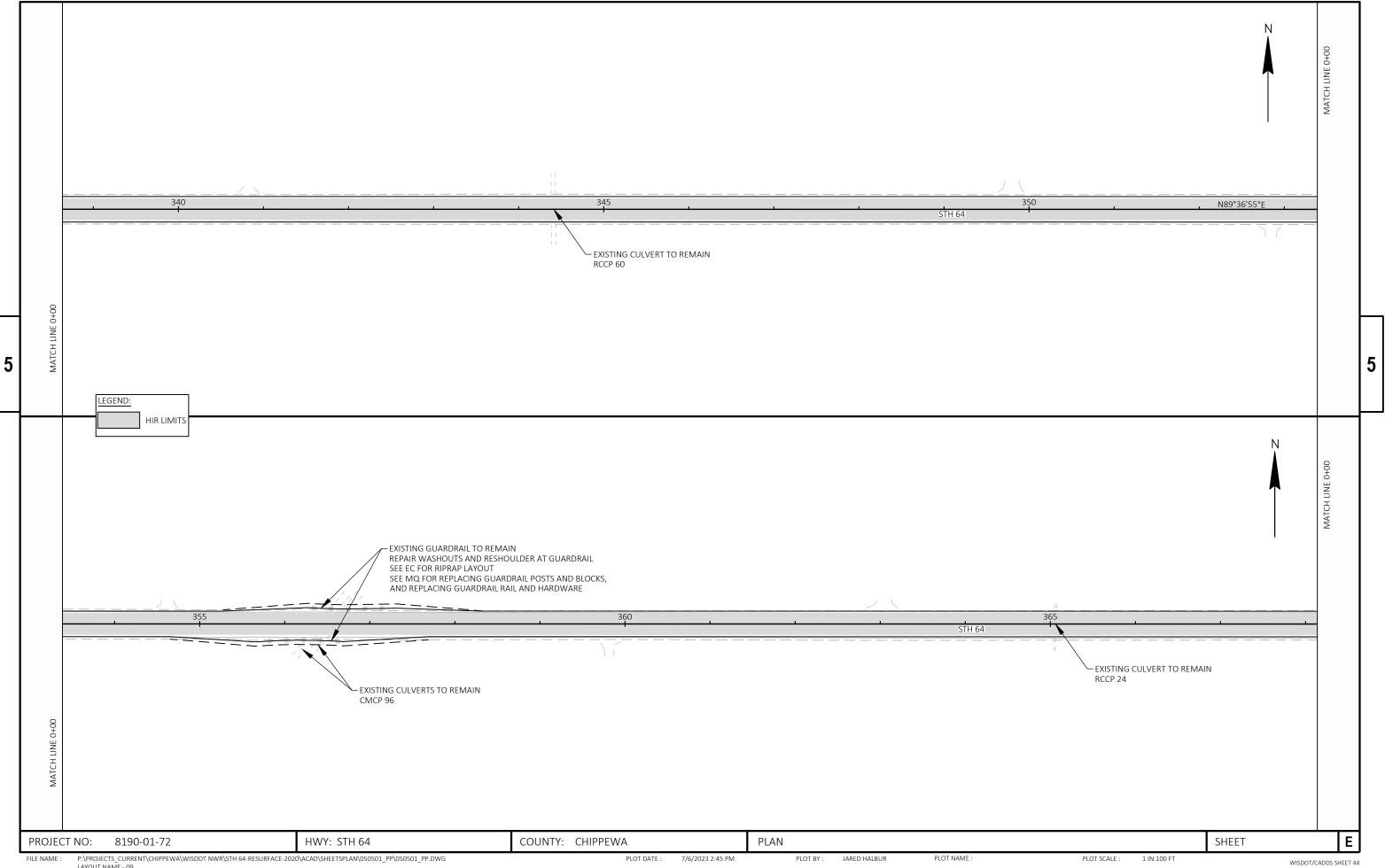
PLOT DATE : 7/6/2023 2:45 PM PLOT BY : JARED HALBUR



P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\050501_PP\050501_PP.DWG LAYOUT NAME - 07 FILE NAME :

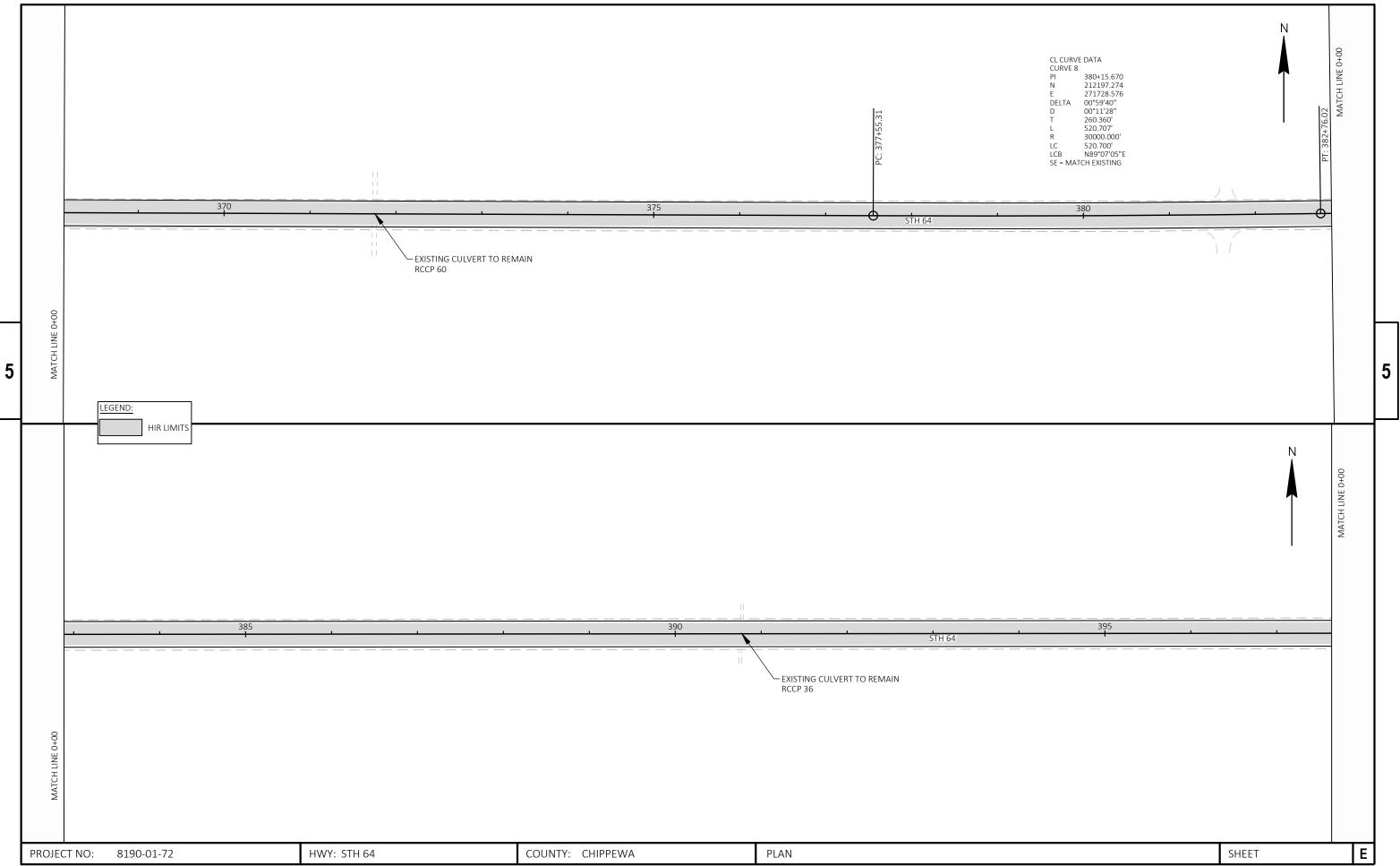


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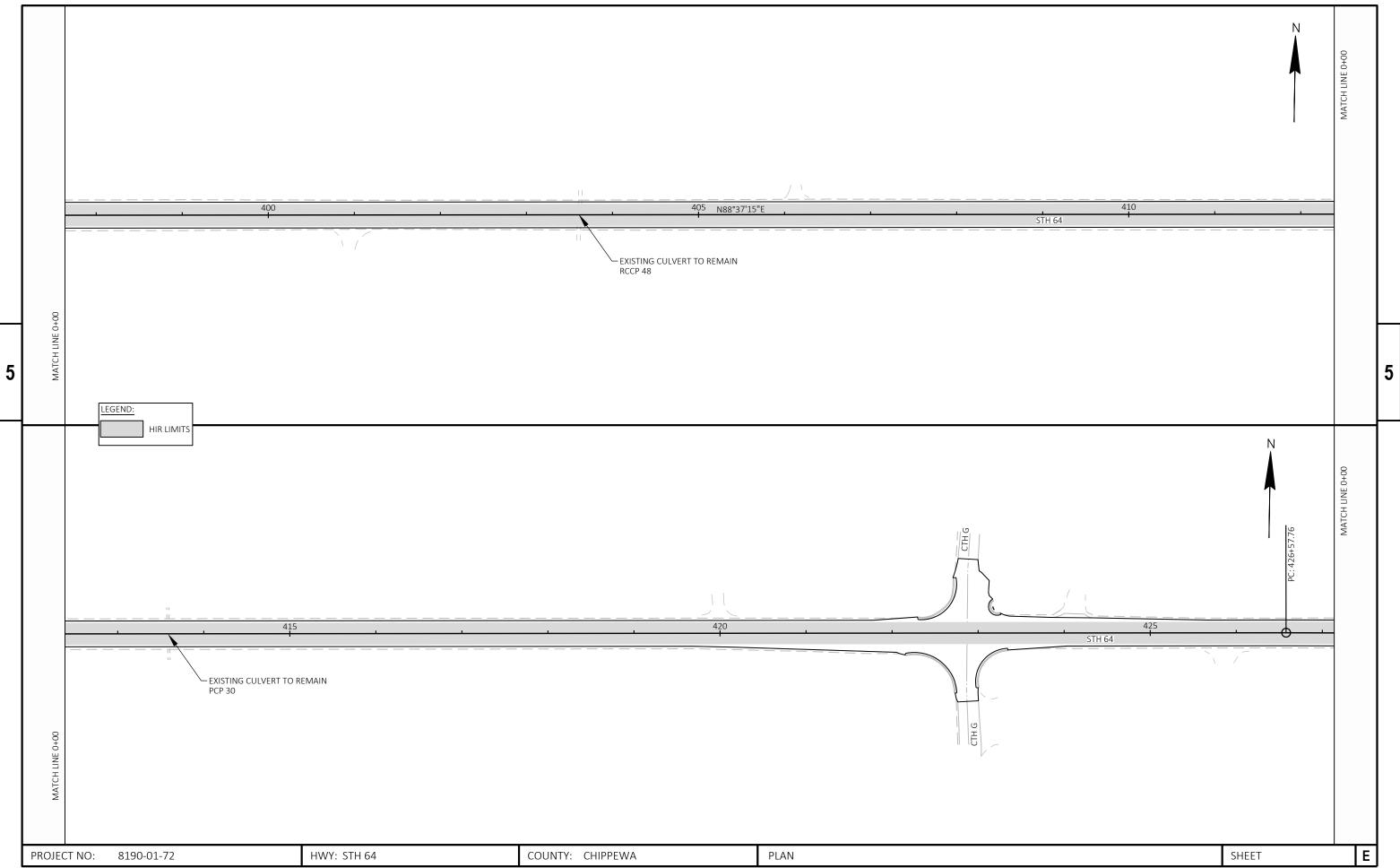


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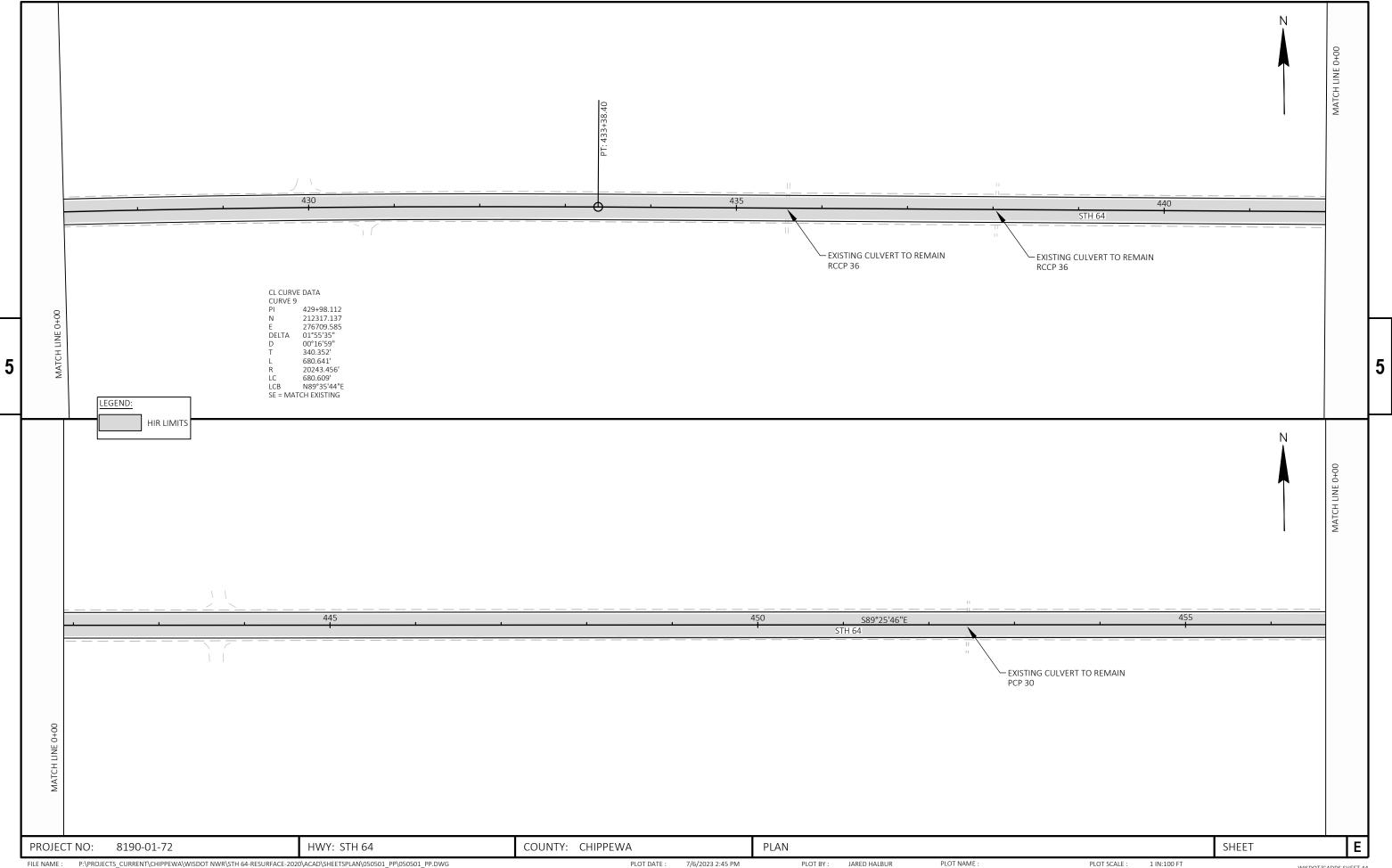
PLOT BY : JARED HALBUR



FILE NAME : P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\050501_PP\050501_PP.DWG LAYOUT NAME - 10



FILE NAME : P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\050501_PP\050501_PP.DWG LAYOUT NAME - 11

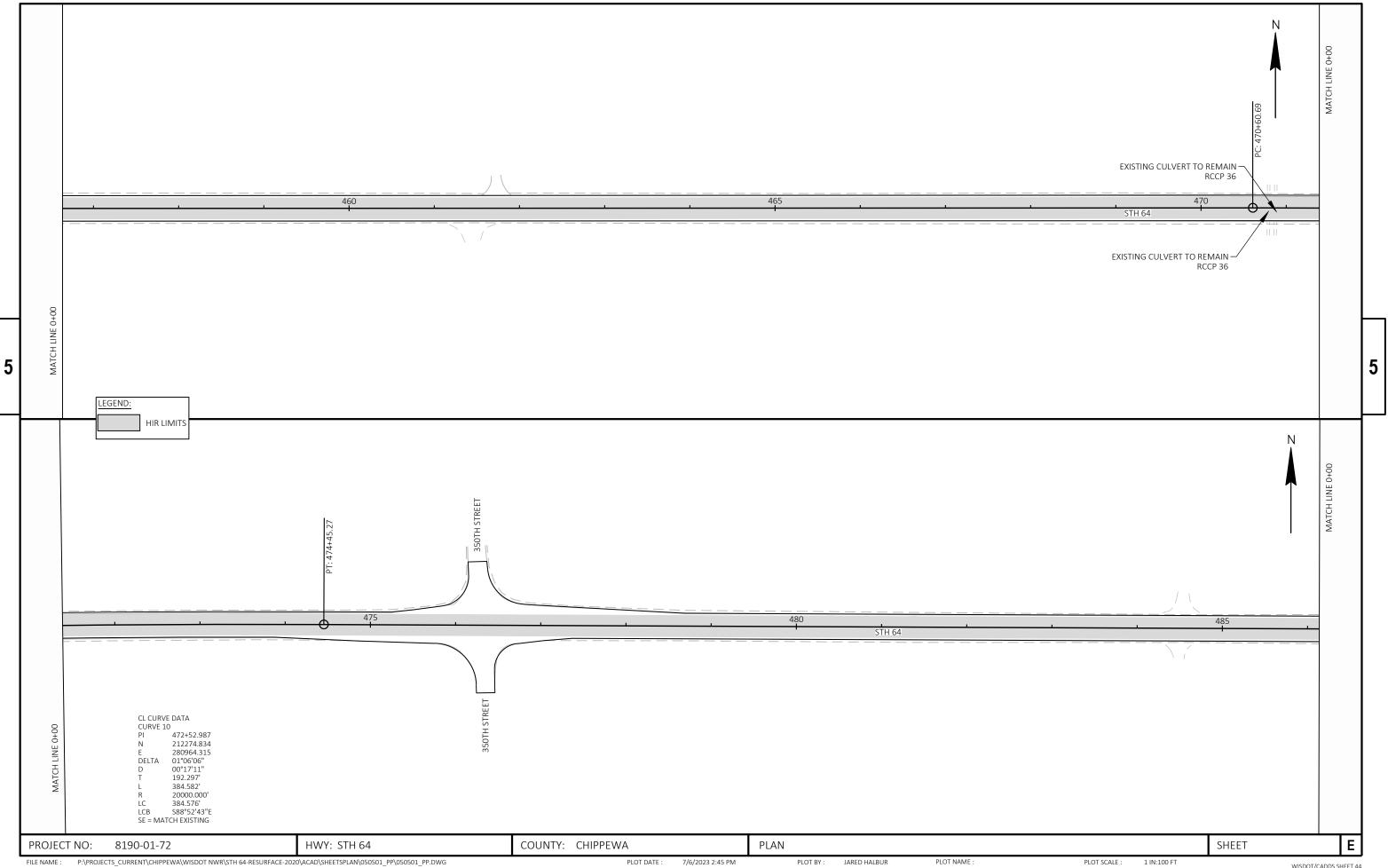


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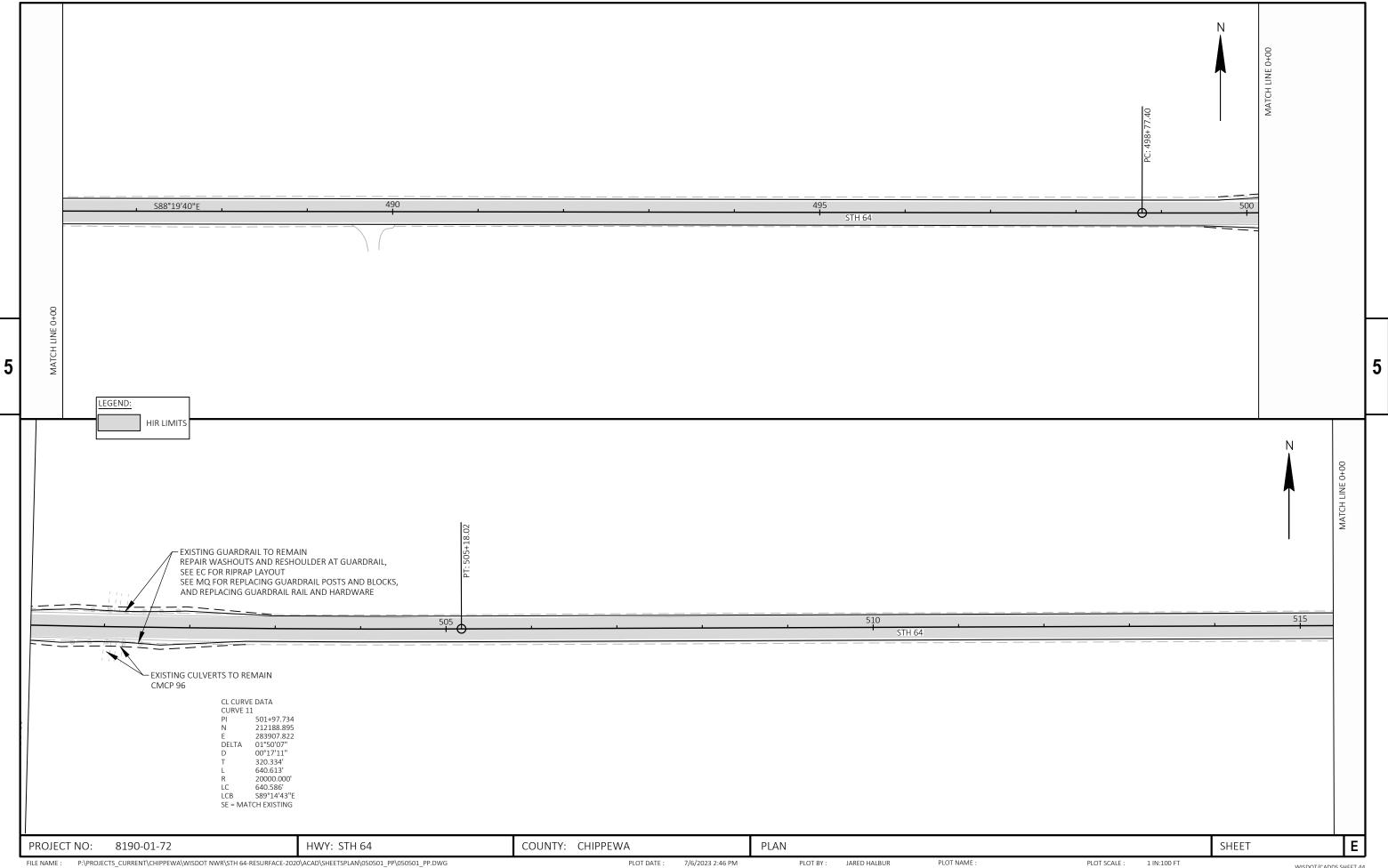
PLOT NAME :

WISDOT/CADDS SHEET 44



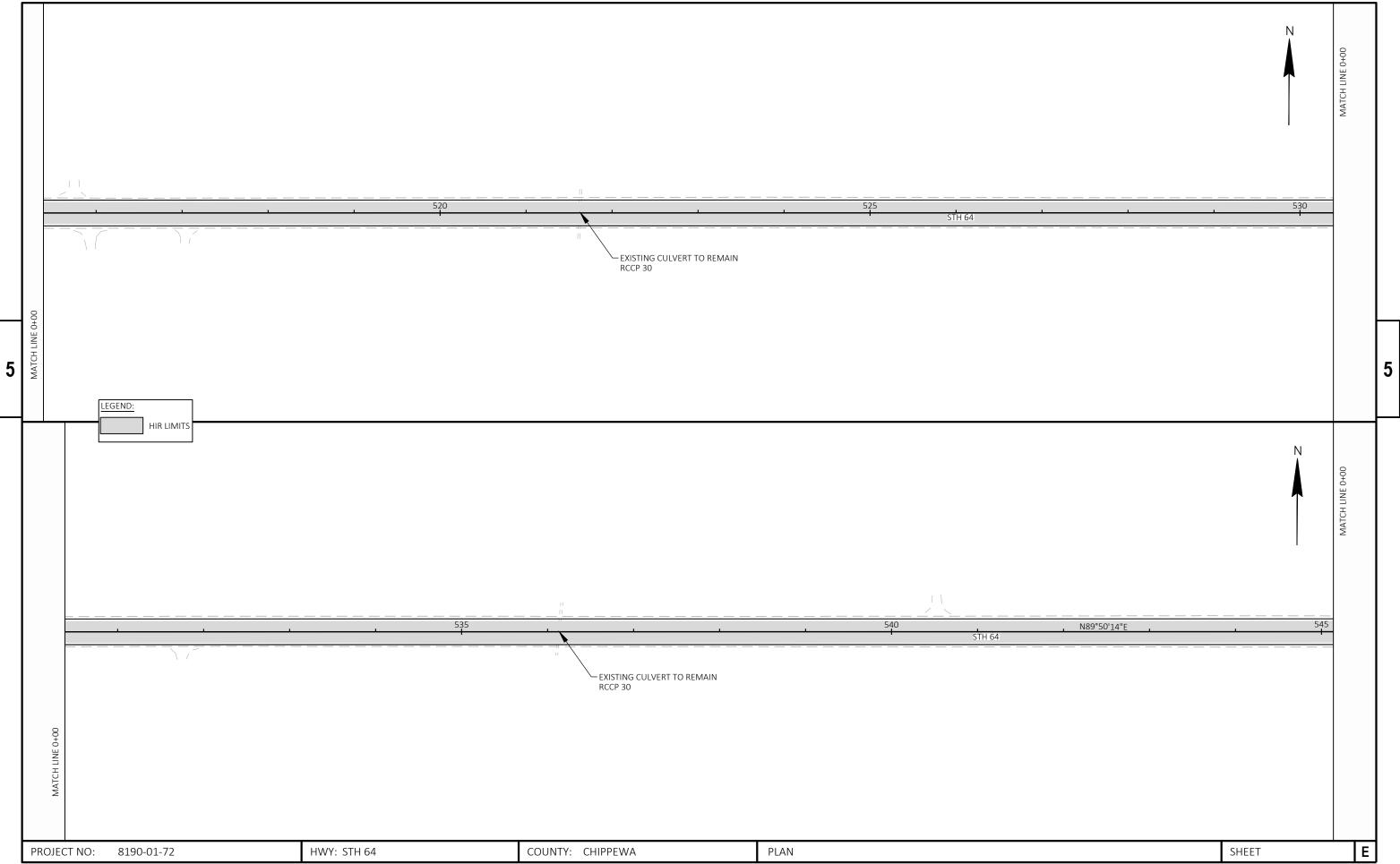
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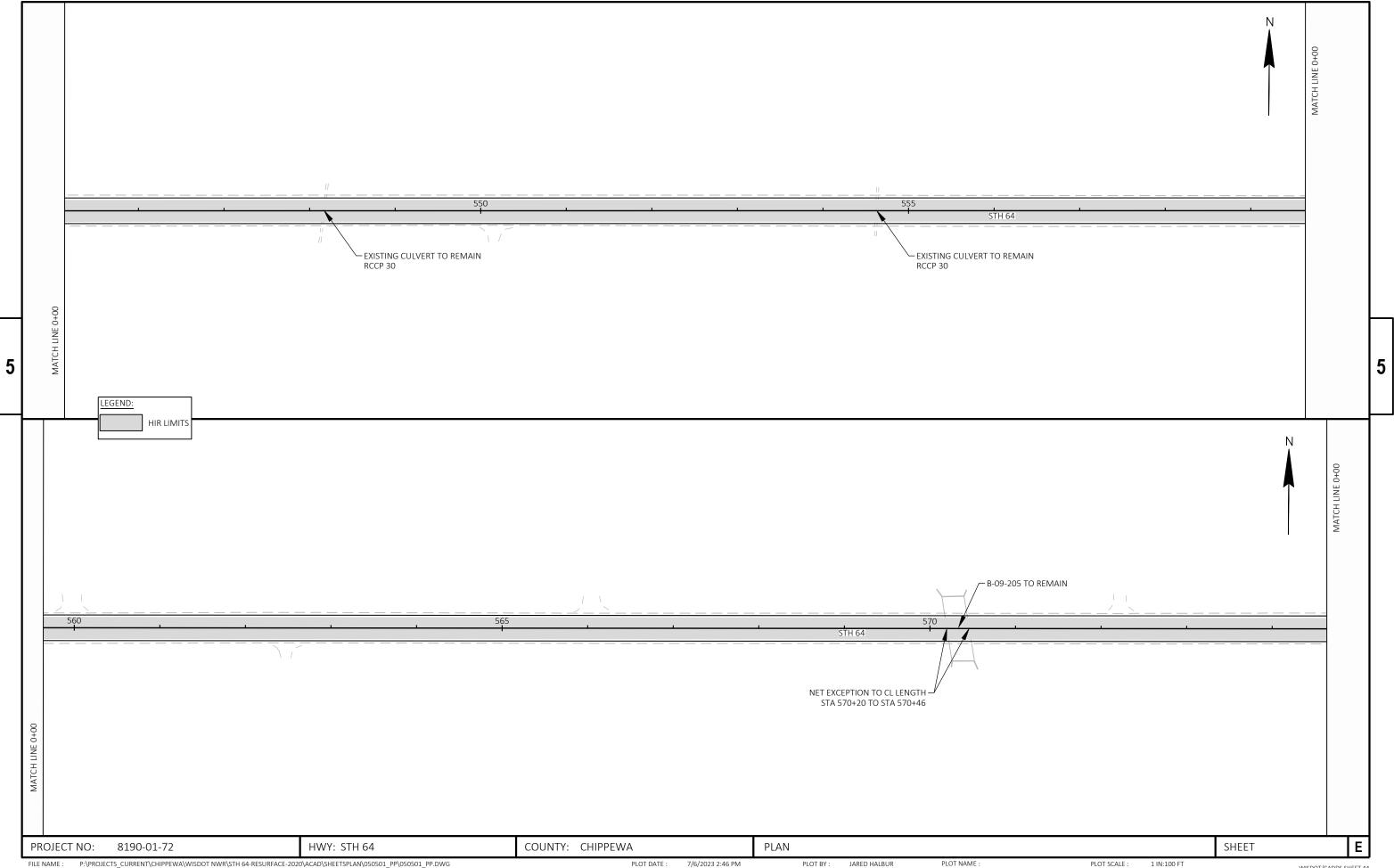


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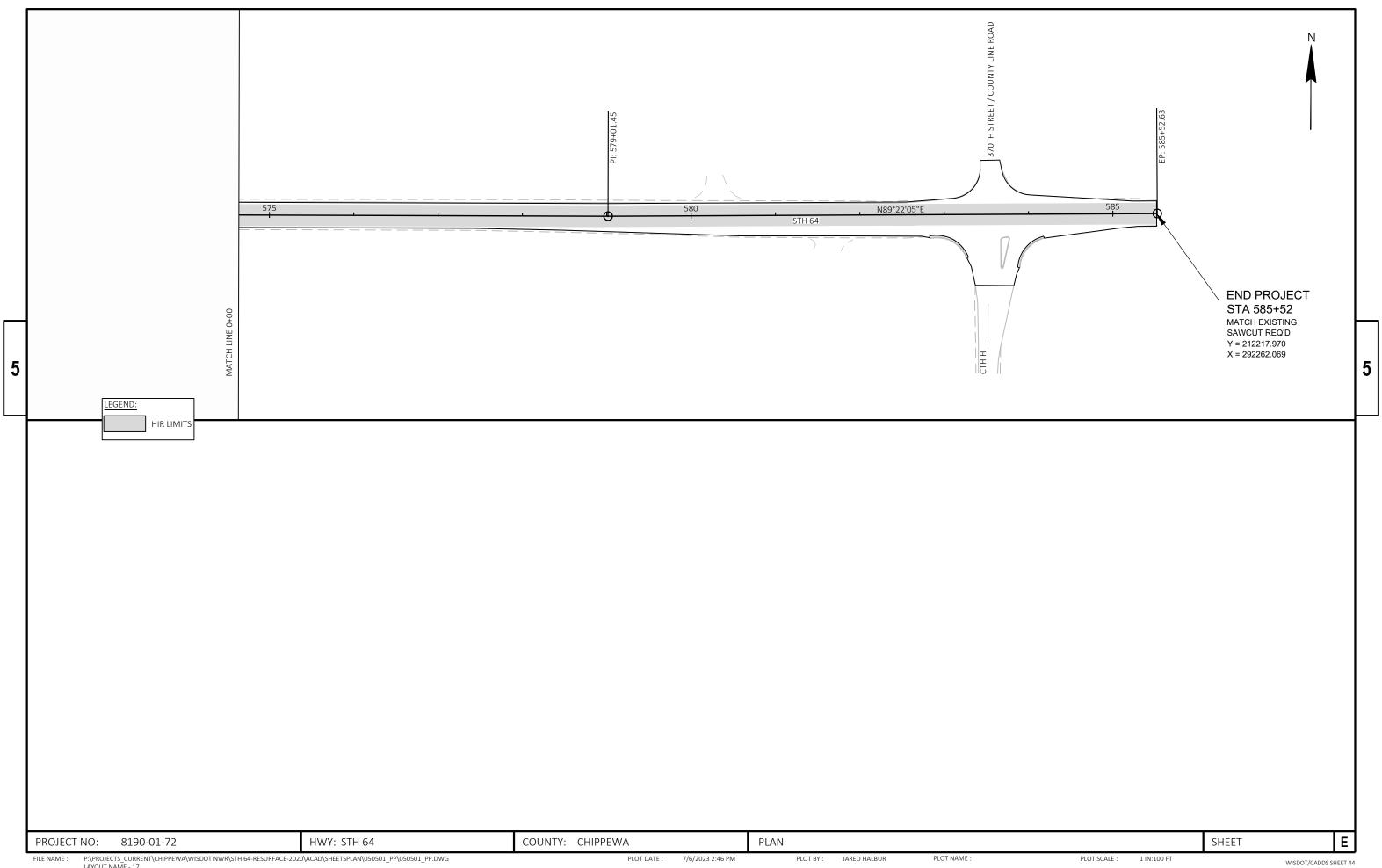


FILE NAME : P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\050501_PP\050501_PP.DWG LAYOUT NAME - 15



P:\PROJECTS_CURRENT\CHIPPEWA\WISDOT NWR\STH 64-RESURFACE-2020\ACAD\SHEETSPLAN\050501_PP\050501_PP.DWG LAYOUT NAME - 16 FILE NAME :

PLOT BY : JARED HALBUR 7/6/2023 2:46 PM

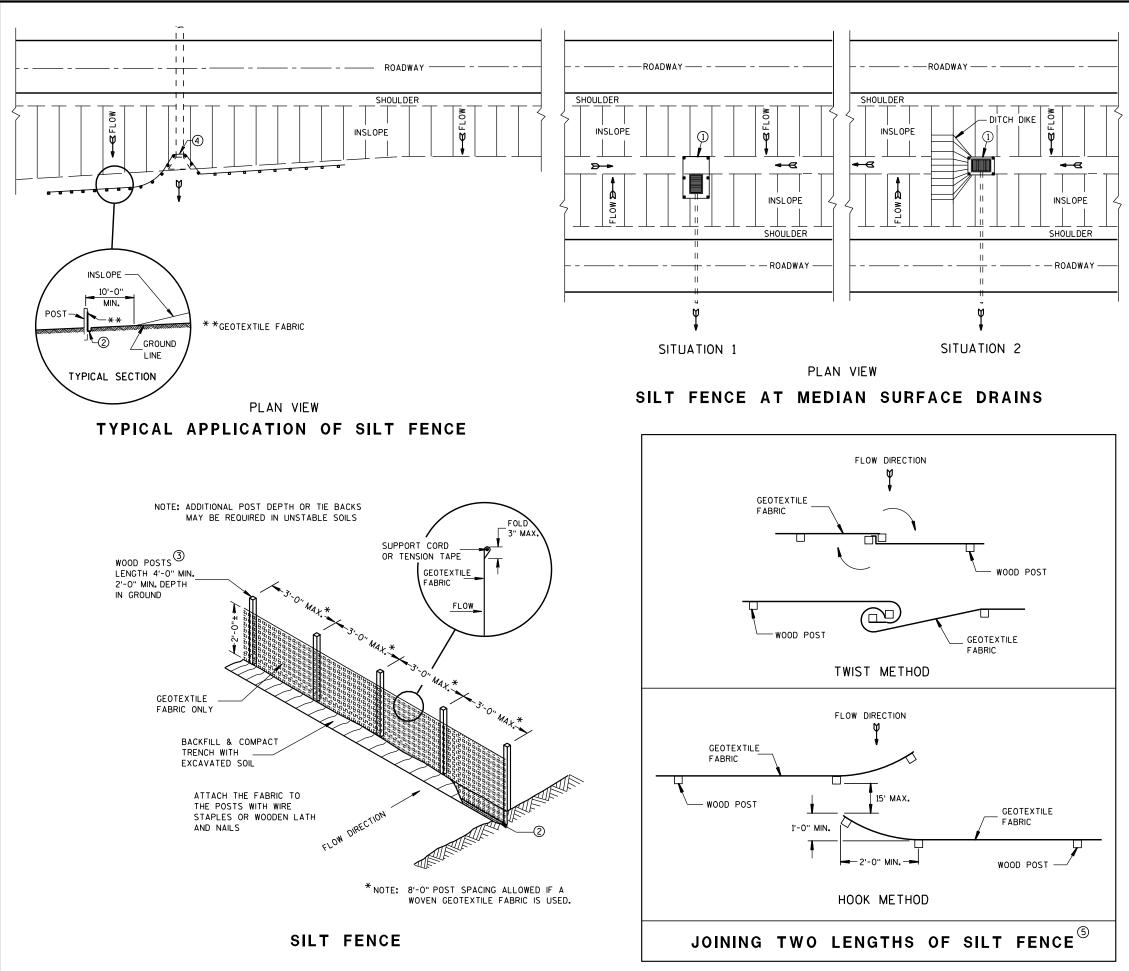


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Standard Detail Drawing List

08E09-06	SILT FENCE
13A11-04A	CENTERLINE RUMBLE STRIPS – ASPHALT
13A11-04B	CENTERLINE RUMBLE STRIPS - CONCRETE
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M. P. H. OR GREATER TWO-WAY UND
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-23C	PAVEMENT MARKING (TURN LANES)
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C11-10A	CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-08A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15D51-01	TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY

INDIVIDED ROAD OPEN TO TRAFFIC



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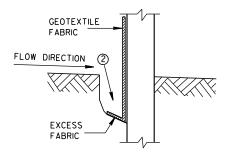
S.D.D. 8 E 9

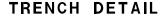
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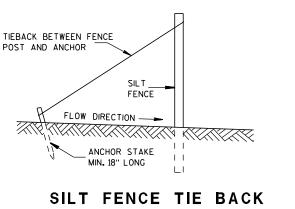
GENERAL NOTES

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

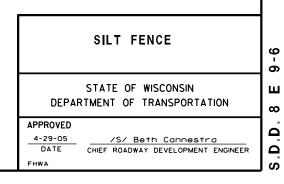
- \bigcirc horizontal brace required with 2" x 4" wooden frame or equivalent at top of posts.
- (2) FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- (3) WOOD POSTS SHALL BE A MINIMUM SIZE OF $1/_8$ " X $1/_8$ " 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.

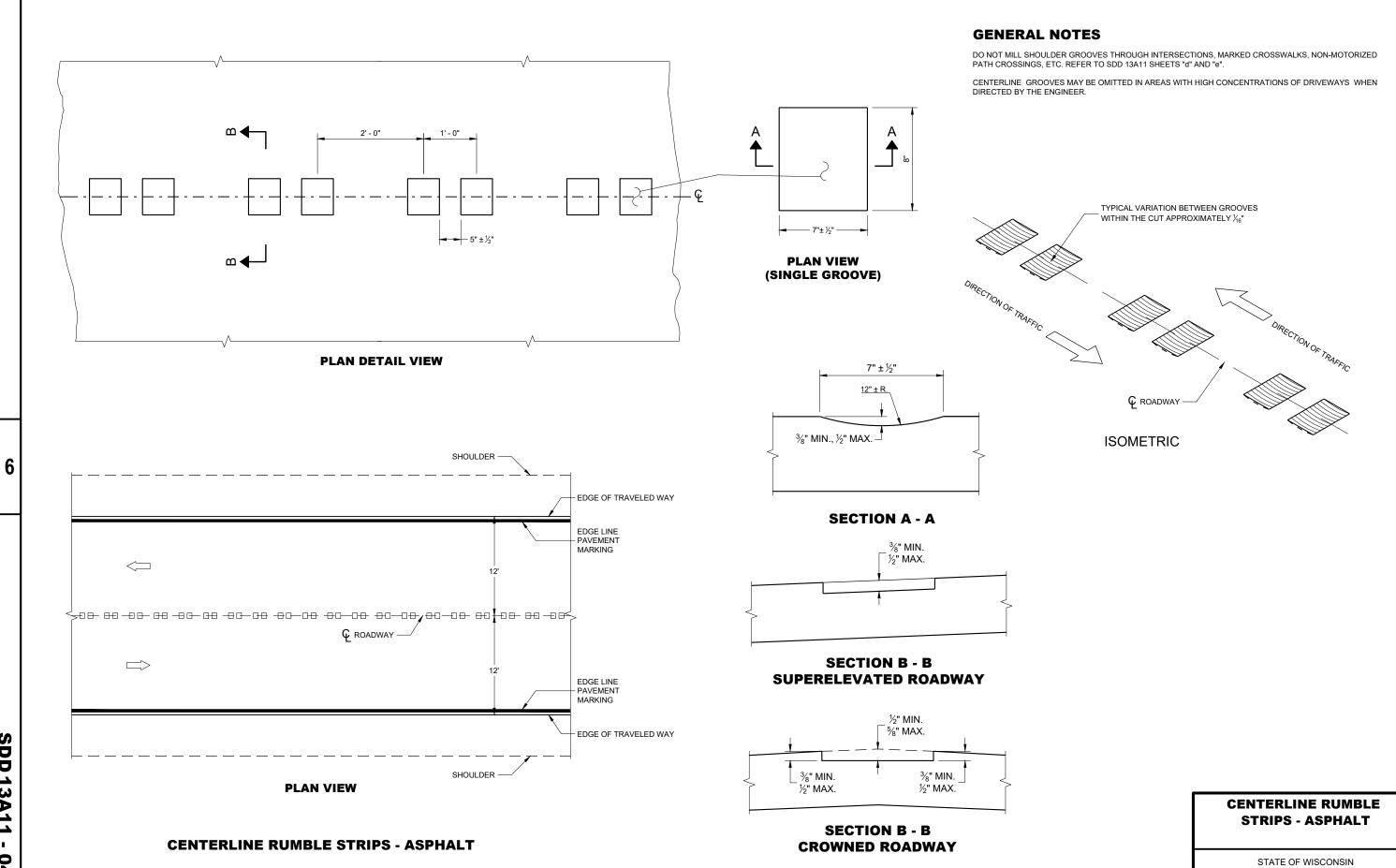






(WHEN REQUIRED BY THE ENGINEER)



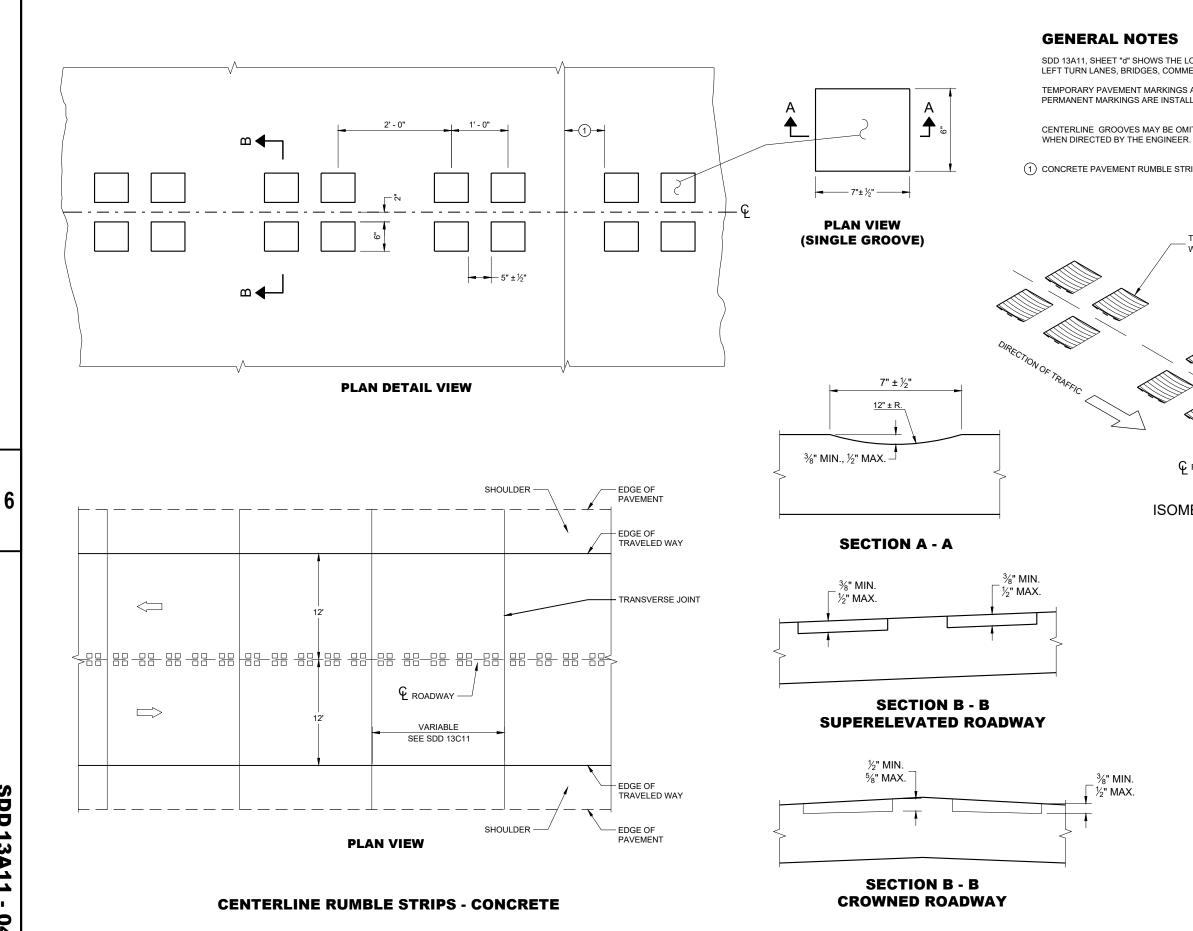


SDD 13A11 04a

DEPARTMENT OF TRANSPORTATION

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04a **SDD13A11**



SDD 13A11 н. 04Ь

SDD 13A11, SHEET "d" SHOWS THE LOCATION OF RUMBLE STRIPS AT INTERSECTIONS, INTERSECTIONS WITH LEFT TURN LANES, BRIDGES, COMMERCIAL AND RESIDENTIAL DRIVEWAYS AND RAILROAD CROSSINGS.

TEMPORARY PAVEMENT MARKINGS ARE TYPICALLY PLACED PRIOR TO RUMBLE STRIP INSTALLATION. PERMANENT MARKINGS ARE INSTALLED AFTER RUMBLE STRIP INSTALLATION.

CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS

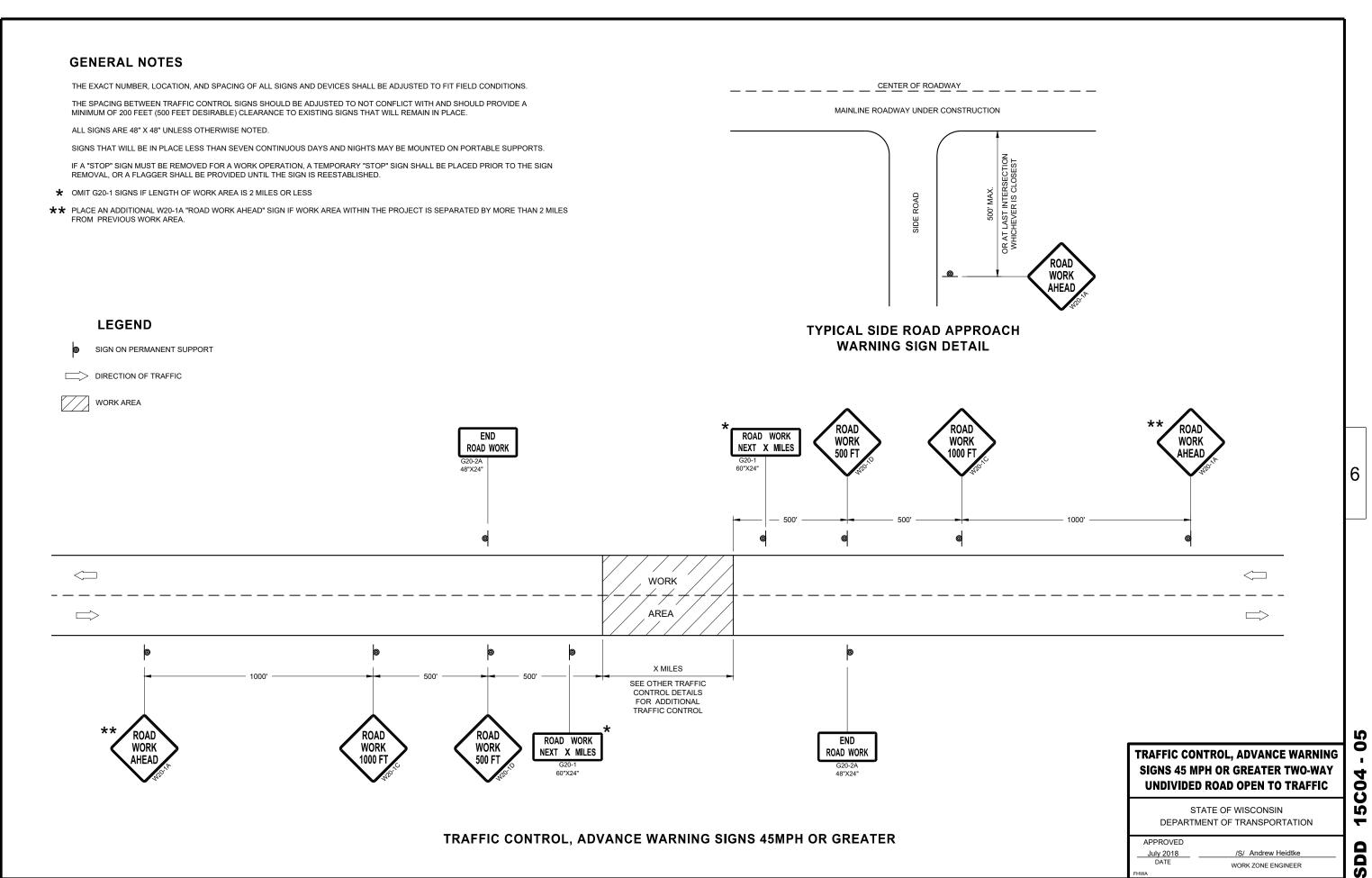
(1) CONCRETE PAVEMENT RUMBLE STRIPS SHALL BE A MINIMUM OF 6 INCHES FROM TRANSVERSE JOINTS.

TYPICAL VARIATION BETWEEN GROOVES WITHIN THE CUT APPROXIMATELY 1/16" RECTION OF TRAFFIC **C** ROADWAY ISOMETRIC

CENTERLINE RUMBLE STRIPS - CONCRETE

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 6

04b . **3A11** -SDD



6

SDD

15C04

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

- 2" MIN. 2

NOTE: TYPICALLY LEFT OF CENTER

LINE IN THE -

OF TRAFFIC

JOINT LINE

*6" EDGE LINE (WHITE) -

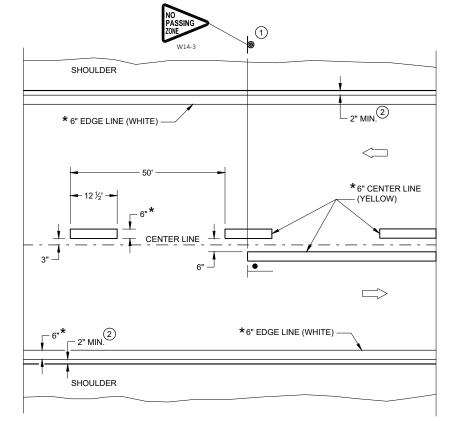
DIRECTION

 \Box

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(1) Lo (2) M S

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TWO WAY TRAFFIC

ONE WAY TRAFFIC

BLACK LAG

MARKING

SHOULDER

6" EDGE LINE (YELLOW) -

2" MIN. 2

SHOULDER

2

3" 🗐

PERMANENT PAVEMENT MARKING

T

50'

LANE LINE

– MARKING

(WHITE)

SDD 15C08-23a

6

GENERAL NOTES

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

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

3a

C08-2

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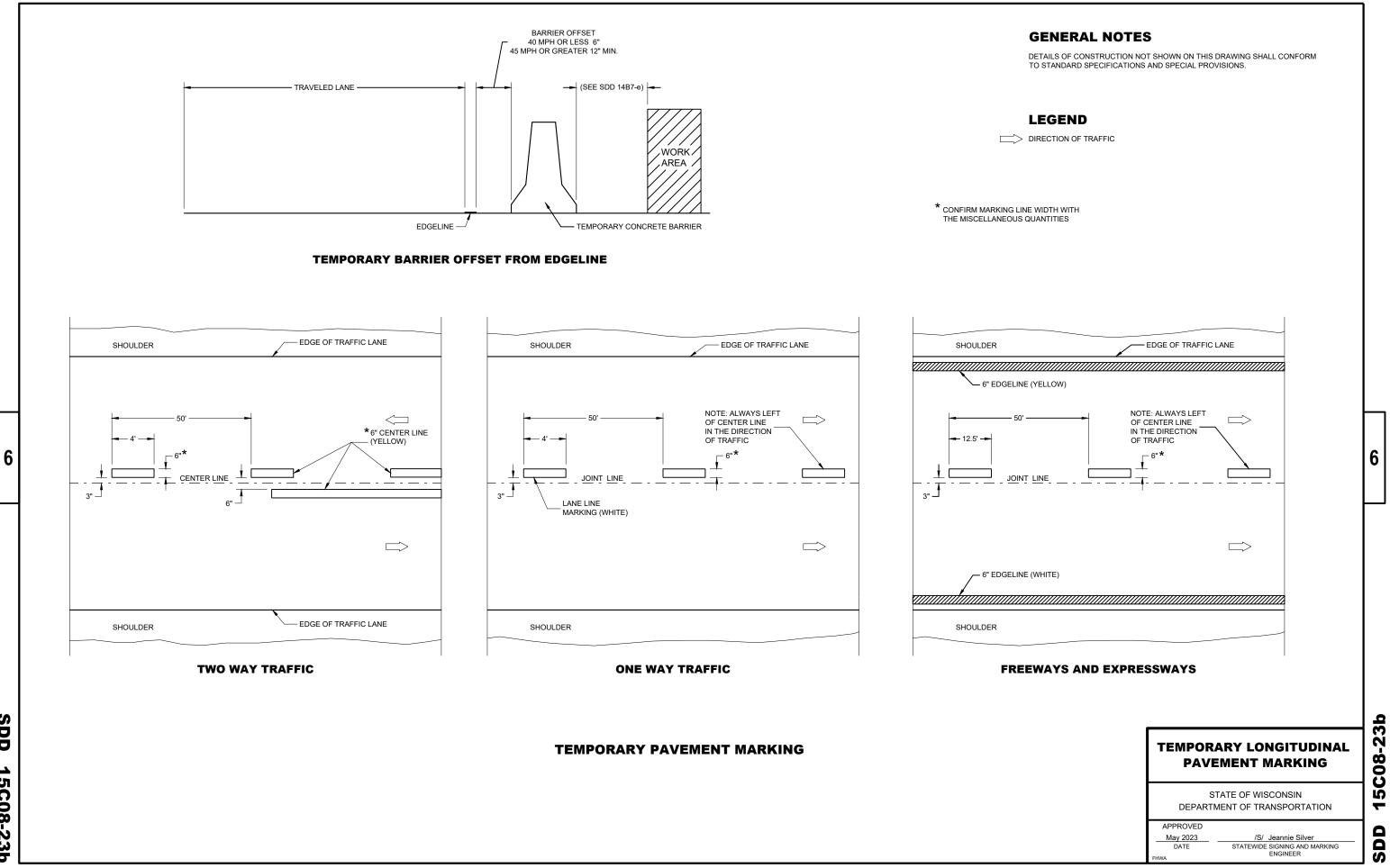
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PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2023 DATE

/S/ Jeannie Silver STATEWIDE SIGNING AND MARKING ENGINEER



SDD 15C08-23b



2 10" WHITE

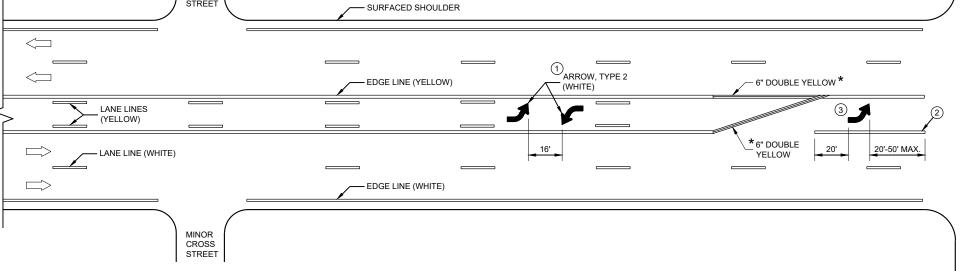
DIRECTION OF TRAFFIC

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

MAJOR CROSS STREET

MAJOR CROSS STREET

TWO WAY LEFT TURN LANE

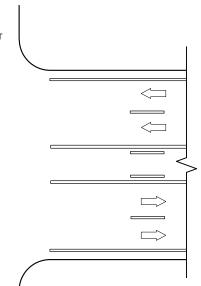


MINOR CROSS STREET

GENERAL NOTES

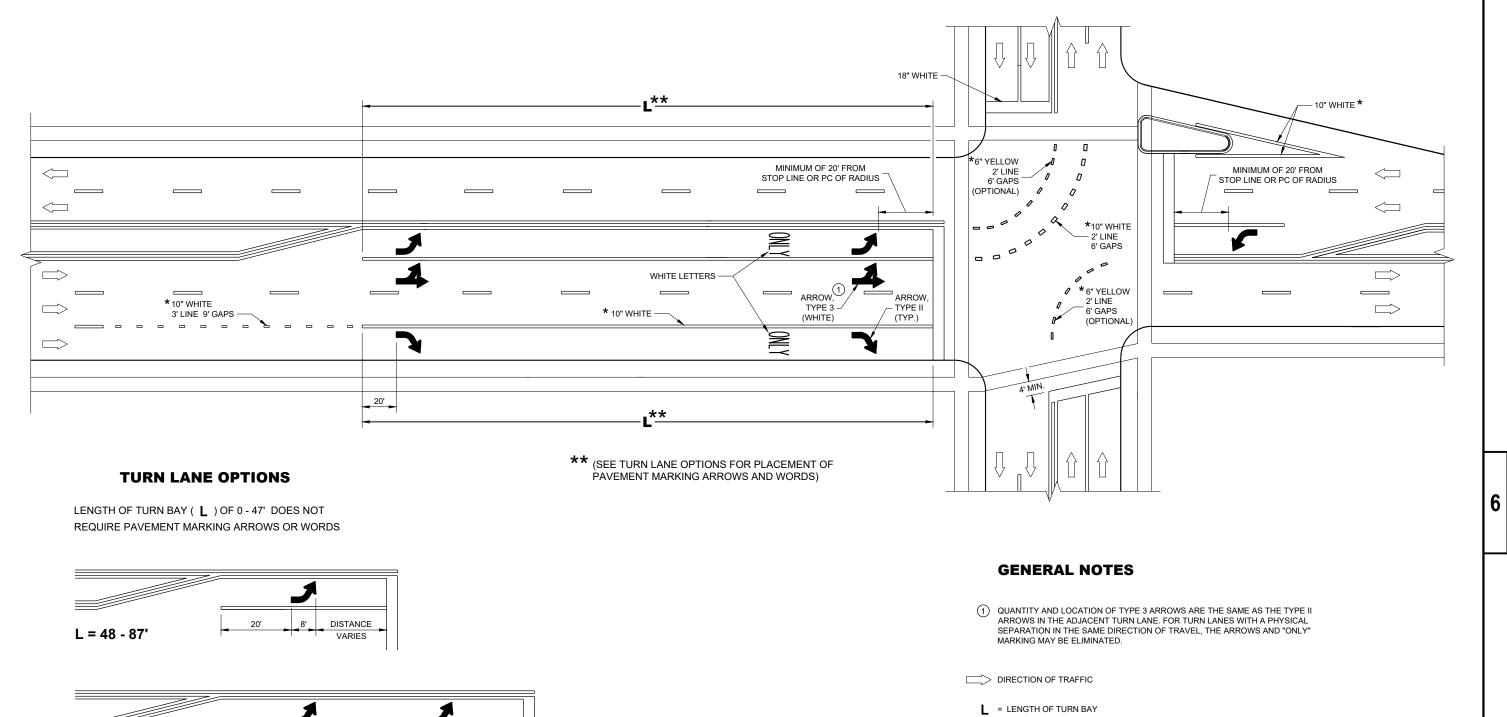
(1) A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.

(3) TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

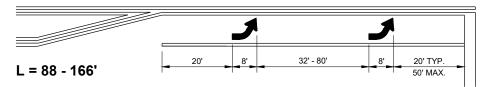


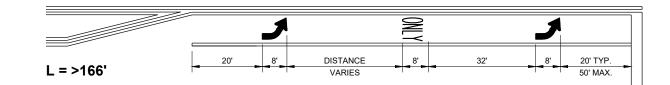
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES





15C08-23d ۵ SD

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

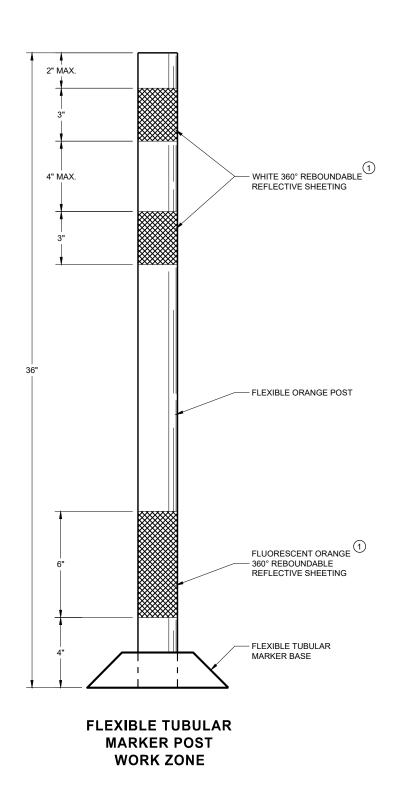
GENERAL NOTES

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

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.



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SDD

CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

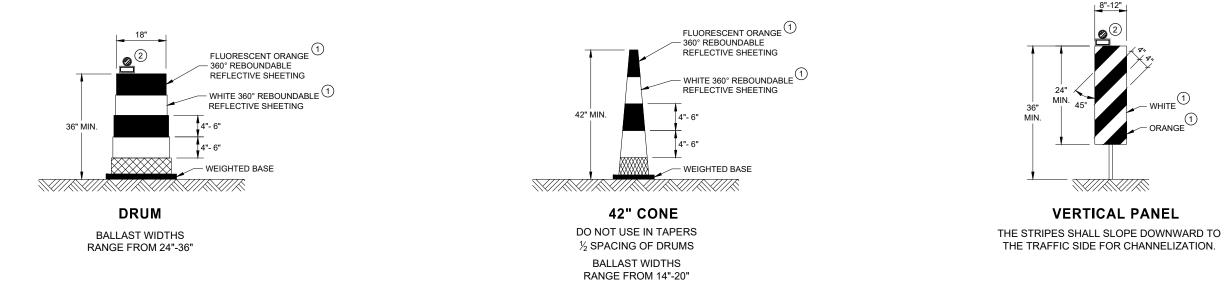
APPROVED November 2022 DATE

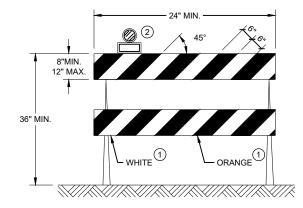
/S/ Andrew Heidtke WORK ZONE ENGINEER

FHWA

GENERAL NOTES

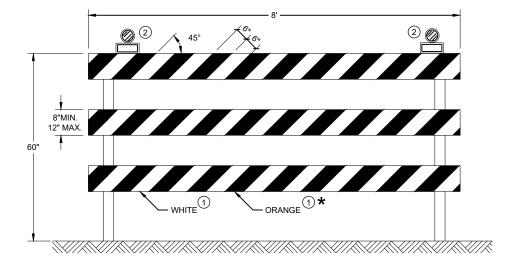
- (2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.





TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

★ IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

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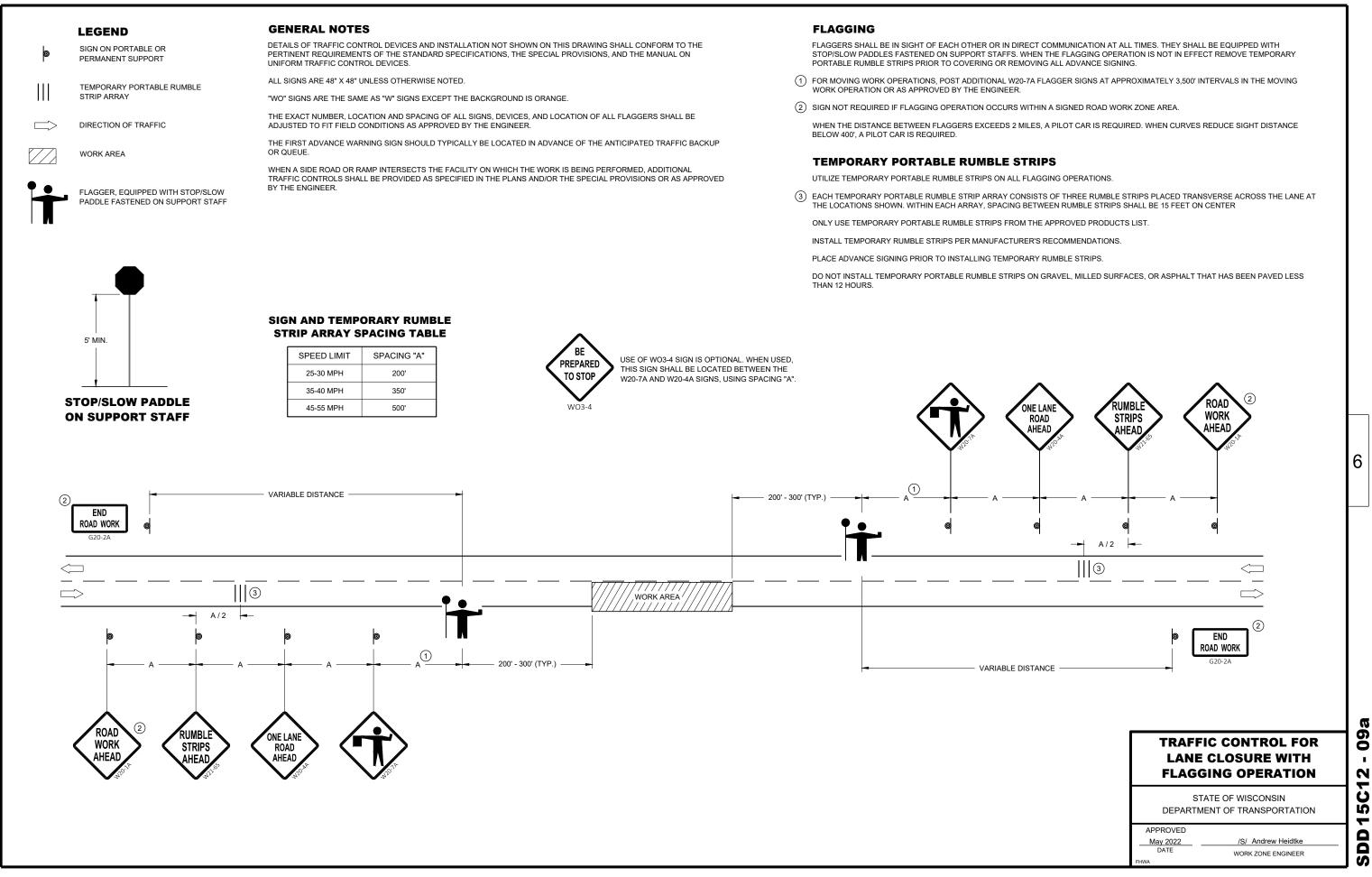
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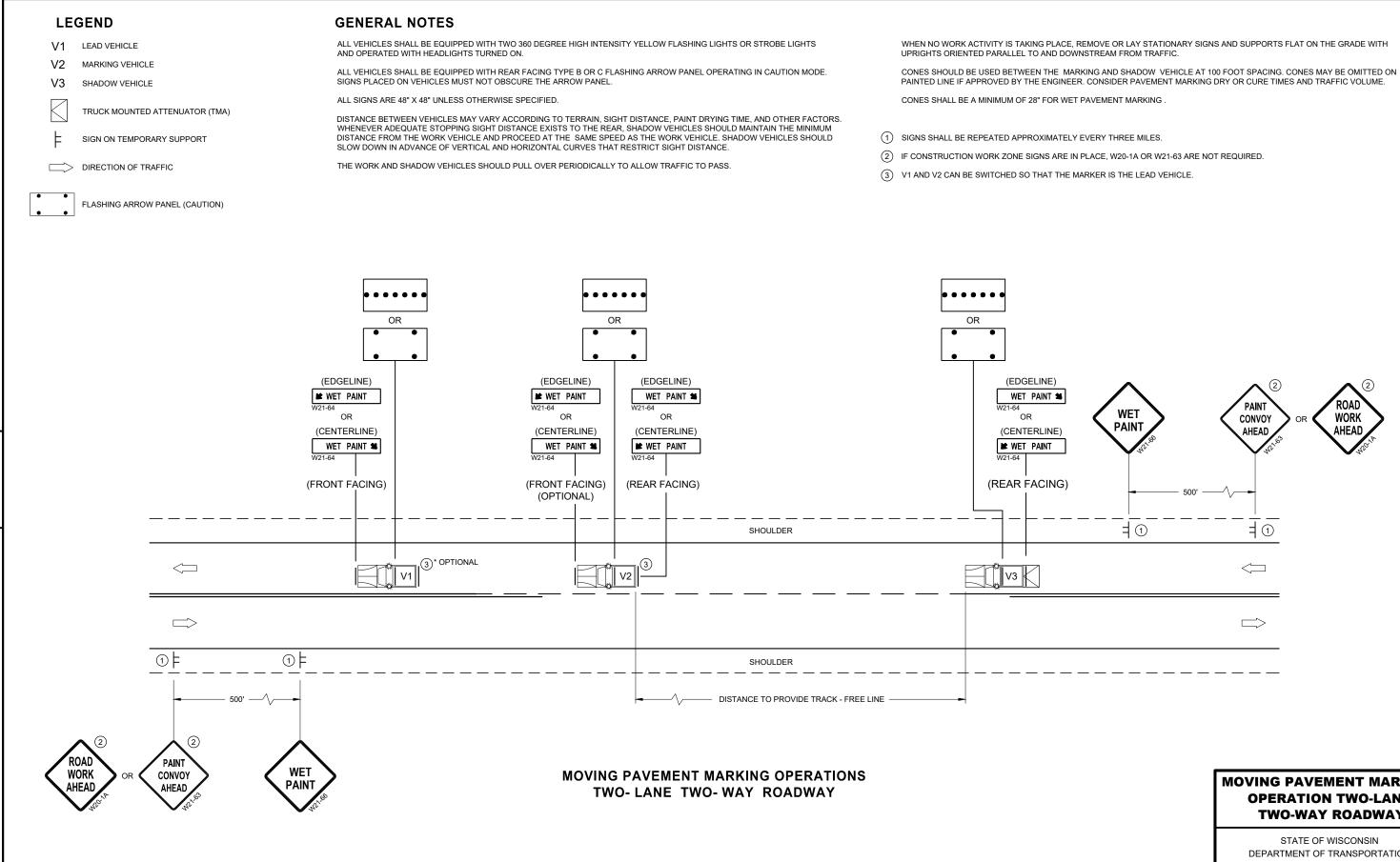
CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED November 2022 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER





SDD 15C19-08a

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MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

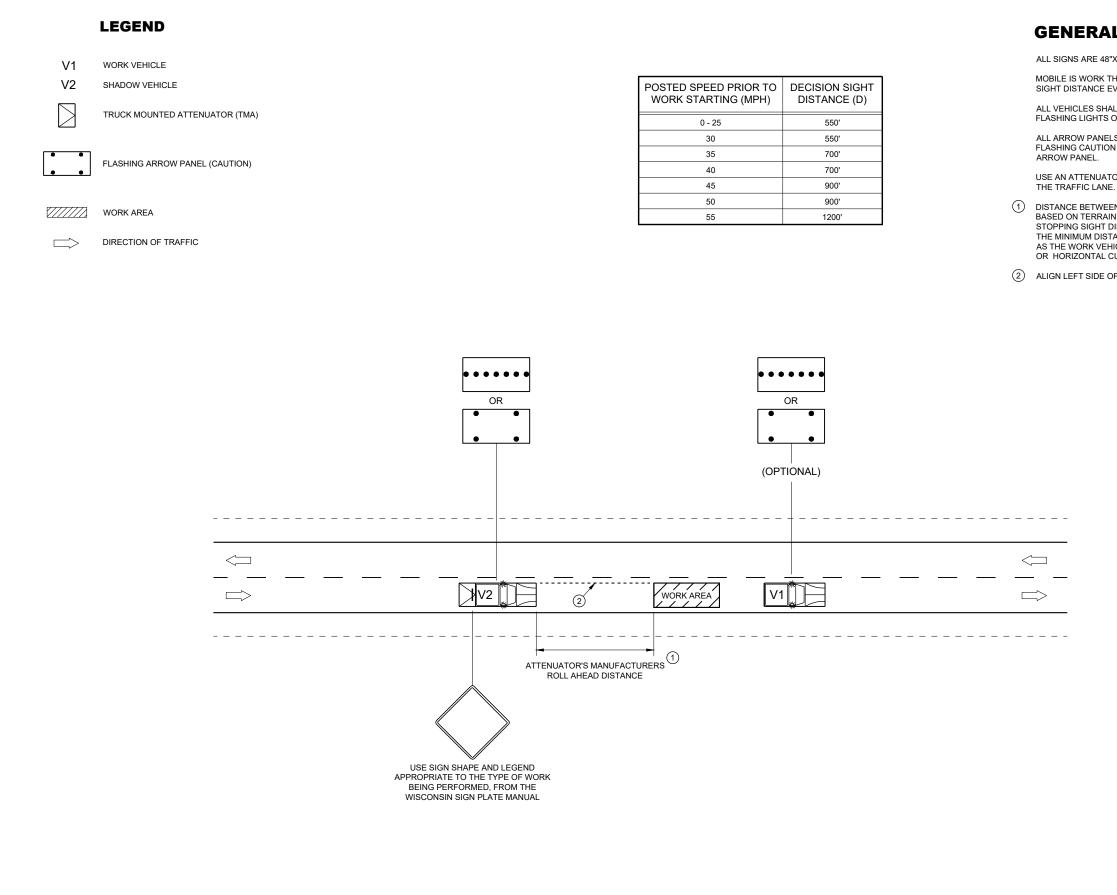
DEPARTMENT OF TRANSPORTATION

APPROVED February 2023 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER 6

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GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

MOBILE IS WORK THAT MOVES CONTINUOUSLY OR MOVES AT LEAST THE DECISION SIGHT DISTANCE EVERY 15 MINUTES.

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL ARROW PANELS SHALL BE REAR FACING, TYPE "B" OR "C", AND DISPLAYING THE FLASHING CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF

DISTANCE BETWEEN VEHICLES MAY INCREASE FROM THE ATTENUATOR'S ROLL AHEAD BASED ON TERRAIN, SIGHT DISTANCE, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

(2) ALIGN LEFT SIDE OF SHADOW VEHICLE WITH EDGE OF WORK AREA.

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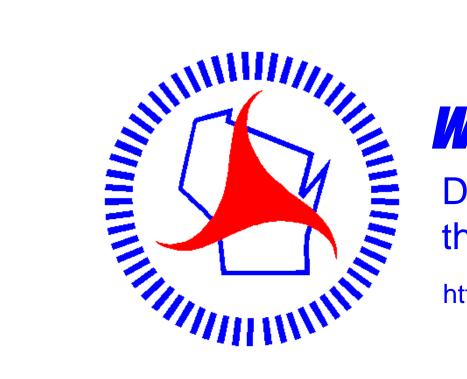
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TRAFFIC CONTROL, **MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2021 DATE

/S/ Andrew Heidtke STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER



Wisconsin Department of Transportation

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