FEBRUARY 2021 FEDERAL PROJECT STATE PROJECT STATE OF WISCONSIN ORDER OF SHEETS CONTRACT PROJECT 8732-00-73 WISC FLAP46A DEPARTMENT OF TRANSPORTATION Typical Sections and Details Estimate of Quantities Section No. Ä PLAN OF PROPOSED IMPROVEMENT Section No. Plan and Profile Section No. Standard Detail Drawings **CABLE - CLAM LAKE** Sign Plates 32-00-FRELS ROAD TO CTH D CTH M TOTAL SHEETS = **BAYFIELD COUNTY** PROJECT LOCATION STATE PROJECT NUMBER 8732-00-73 **ACCEPTED FOR BAYFIELD COUNTY** O Sixteen! Hohwar Commissioner ORIGINAL PLANS PREPARED BY SCONS DESIGN DESIGNATION : Bas A.A.D.T. (2012) = 1200 DIIV = 76 D.D. = 51/49 SCHARF = 8.3% E-37704 DESIGN SPEED = 55 ESALS = 160,000 **BEGIN PROJECT** STA 387+00 Y = 316383.79 BA **END PROJECT** CONVENTIONAL SYMBOLS X = 744189.18STA 651+76 PROFILE Y = 314086.91 GRADE LINE CORPORATE LIMITS X = 769800.95ORIGINAL GROUND PROPERTY LINE Cr. MARSH OR ROCK PROFILE LOTLINE П (To be noted as such) ENGINEERING LIMITED HIGHWAY EASEMENT SPECIAL DITCH **EXISTING RIGHT OF WAY** STATE OF WISCONSIN **GRADE ELEVATION** PROPOSED OR NEW R/W LINE DEPARTMENT OF TRANSPORTATION **CULVERT (Profile View)** SLOPE INTERCEPT REPARED BY UTILITIES REFERENCE LINE ELECTRIC Dosignor COOPER ENGINEERING CO., INC. **EXISTING CULVERT** FIBER OPTIC Project Manager PROPOSED CULVERT TOU YANG, P.E. SANITARY SEWER ANDY STENSLAND, P.E. COMBUSTIBLE FLUIDS LAYOUT STORM SEWER HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN TELEPHONE SCALE COORDINATE REFERENCE SYSTEM (WISCRS), BAYFIELD COUNTY, NAD83 (2019), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID WATER MARSH AREA 12/2/2020 Digitally signed by Matthew Van Natta Location: WisDOT NWR-Superior COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS CROUND DISTANCES, ELEVATIONS ARE REFERENCED UTILITY PEDESTAL TOTAL NET LENGTH OF CENTERLINE = 5 014 MI POWER POLE 4 TO NAVD 88 (2019). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A. TELEPHONE POLE ø E WOODED OR SHRUB AREA FILE NAME : G:\Z019-PKUJ\194671Z4\C3U\SHEETSPLAN\010101_11.UWG PLOT DATE: 11/20/2020 11:32 AM AAKUN SCHAKE

ABUT

CABC

ABUTMENT

UTILITIES

NORVADO ATTN: GARIN MAYER 43705 US HWY 63 **CABLE, WI 54821** 715-798-3303 GMAYER@NORVADO.COM

XCEL ENERGY, INC. ATTN: CORISSA SEELY P.O. BOX 8 EAU CLAIRE, WI 54702 715-737-4097 CORISSA.E.SEELY@XCELENERGY.COM

ALL UTILITIES LISTED ARE MEMBERS OF DIGGERS HOTLINE

COOPER

DESIGN CONSULTANT

COOPER ENGINEERING CO. INC. AARON SCHARF, P.E. 2600 COLLEGE DRIVE RICE LAKE, WI. 54868 PHONE (715) 234-7008

BAYFIELD COUNTY

BAYFIELD COUNTY HIGHWAY COMMISSIONER ATTN: PAUL JOHANIK 311 1ST AVE E WASHBURN, WI 54891 715-373-6115 PJOHANIK@BAYFIELDCOUNTY.ORG

OTHER CONTACTS

DNR NORTHERN REGIONAL HQ

DNR/DOT LIAISON ATTN.: SHAWN HASELEU 810 W. MAPLE ST. SPOONER, WI 54801 TEL.: (715) 635-4228 EMAIL: SHAWN.HASELEU@WISCONSIN.GOV

GENERAL NOTES:

SUPER ELEVATIONS SHALL MATCH EXISTING ROADWAY.

NO TREES OR SHRUBS SHALL BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE BEEN DESIGNATED FOR REMOVAL BY THE ENGINEER.

ACCESS TO ALL RESIDENCES SHALL BE MAINTAINED DURING CONSTRUCTION.

THE LOCATION OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN

WHEN THE QUANTITY OF HMA PAVEMENT OR BASE AGGREGATE DENSE IS MEASURED BY THE TON, THE DEPTH OR THICKNESS SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE

RESTORE SIDEROAD INTERSECTIONS AND PRIVATE ENTRANCES TO EXISTING CONDITIONS UNLESS OTHERWISE SHOWN

THE EXACT CONSTRUCTION LIMITS OF PRIVATE ENTRANCES SHALL BE COORDINATED WITH THE ENGINEER IN THE FIELD.

PAVEMENT MARKING SHALL MEET MUTCD STANDARDS.

ACRES LEFT AGG AGGREGATE LS MH LUMP SUM MANHOLE AHEAD ADT AVERAGE DAILY TRAFFIC N NC NORTH NORMAL CROWN

PAVT PAVEMENT AVG. AVERAGE POINT OF CURVATURE PC ASPH ASPHALTIC PRIVATE ENTRANCE PE BK. BACK POINT OF INTERSECTION PΙ BENCHMARK BM PROPERTY LINE CENTRAL ANGLE OR DELTA PL

LIST OF STANDARD ABBREVIATIONS

POWER POLE ℚ, C/L CENTERLINE PT POINT OF TANGENCY CURB AND GUTTER RANGE , RADIUS CRUSHED AGGREGATE RCCP REINFORCED CONCRETE BASE COURSE CULVERT PIPE

CONC. CONCRETE RD ROAD COR CORNER REBAR REINFORCEMENT BAR CORR CORRUGATED REQD REQUIRED

CORRUGATED STEEL ROADWAY RDWY CULVERT PIPE RHF RIGHT HAND FORWARD CSPA CORRUGATED STEEL RL, R/L REFERENCE LINE PIPE ARCH RAILROAD CTH COUNTY TRUNK HIGHWAY CP. CULVERT PIPE RIGHT-OF-WAY R/W CUBIC YARD

CWT. HUNDREDWEIGHT SAN S SANITARY SEWER **DIAV.**, EL DIAMETER SDD STANDARD DETAIL DRAWING DEGREE OF CURVE SUPER ELEVATION SE DHV DESIGN HOURLY VOLUME SF. SQUARE FEET DWY DRIVEWAY SHLDR SHOULDER

EXC. BELOW SUB GRADE EBS SPECS SPECIFICATIONS ELEVATION SQ. ELEC. ELECTRIC SS. STORM SEWER EXCAVATION SY. SQUARE YARD **EXIST EXISTING** STATE TRUNK HIGHWAY EAST ST. STREET FE FIELD ENTRANCE STA. STATION SIDEWALK

FACE TO FACE TANGENT FL, F/L FLOW LINE FULL SUPERELEVATION TOP OF CURB TRANSIT LINE TL, T/L GARAGE TELEPHONE GN GRID NORTH TEL HNTERS HOUSE TEMP TEMPORARY TLE TEMPORARY LIMITED EASEMENT

TYP TYPICAL USH UNITED STATES HIGHWAY HYD HYDRANT UG UNDERGROUND INTERSECTION ANGLE DESIGN SPEED INTERSECTION INVERT VAR. VARIABLE IRON PIN OR PIPE VERT VERTICAL LC LONG CHORD OF CURVE

YD

YARD

LINEAR FOOT LHF LEFT HAND FORWARD LENGTH OF CURVE

PROJECT NO:

HWY: CTH M

COUNTY: BAYFIELD

www.DiggersHotline.com

GENERAL NOTES

SHEET

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8732-00-73 G:\2019-PROJ\19467124\C3D\SHEETSPLAN\020101 GN.DWG FILE NAME :

LAYOUT NAME - TYPICAL SECTIONS

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PLOT BY:

PLAN:

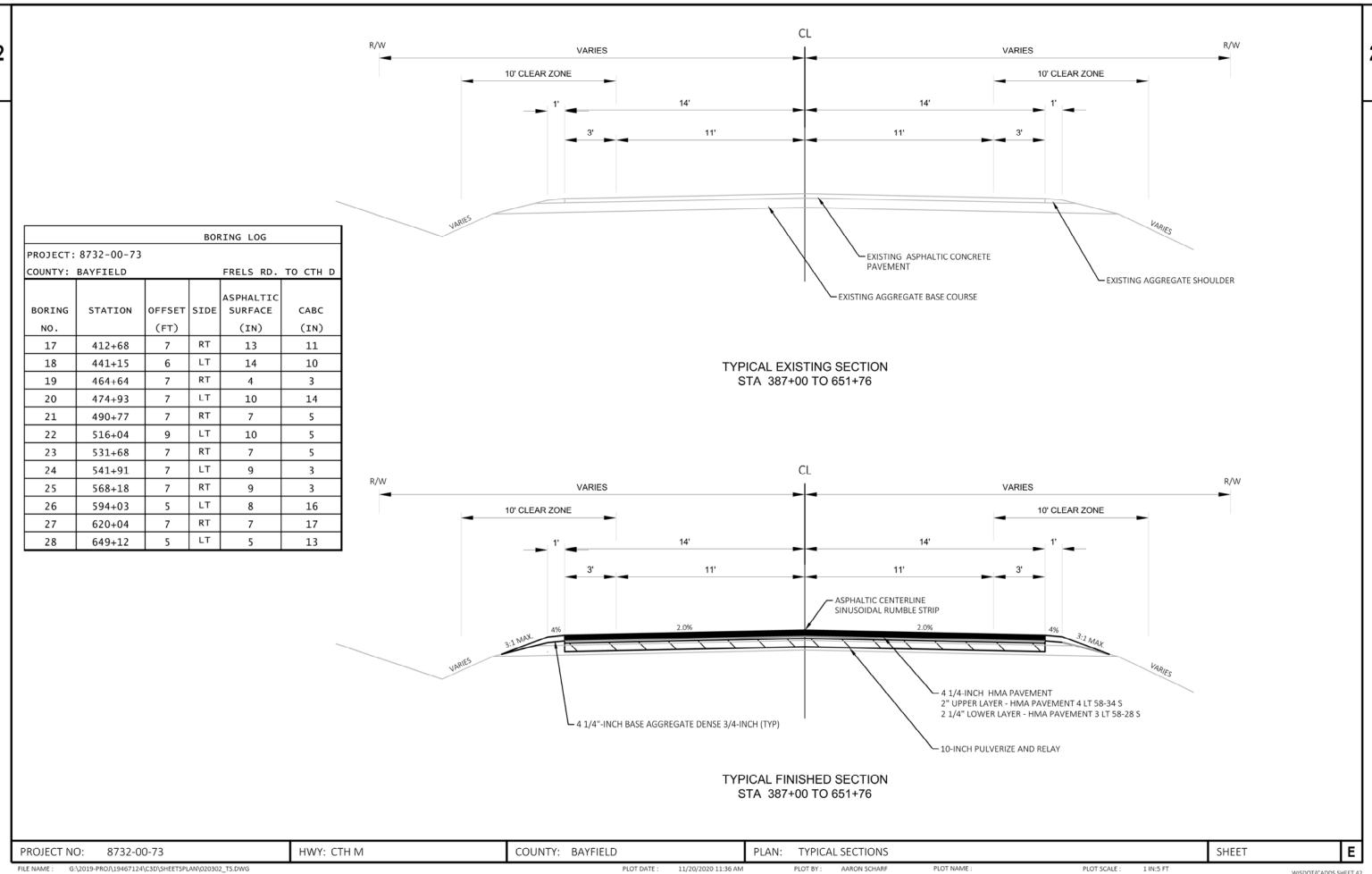
AARON SCHARF

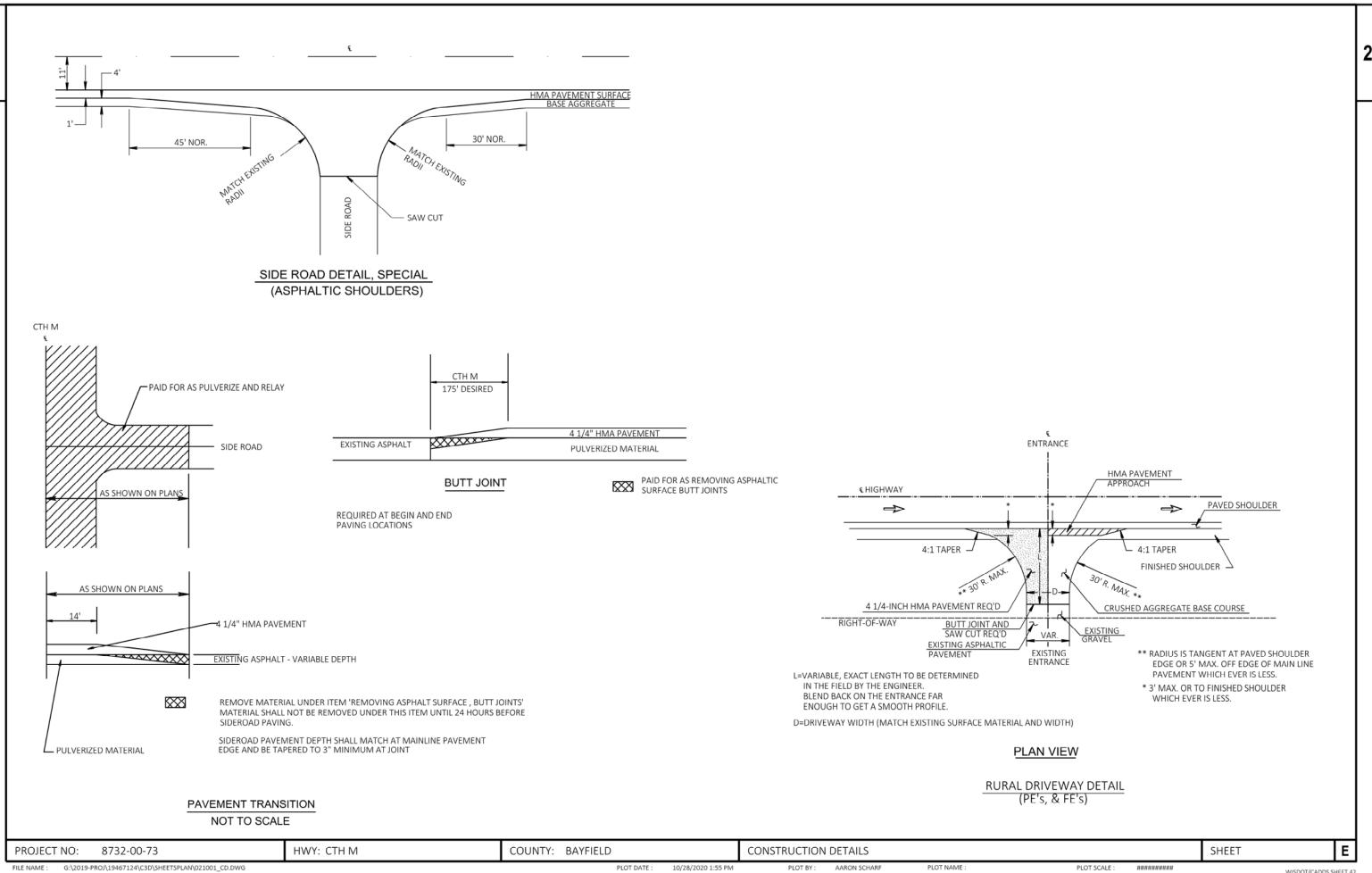
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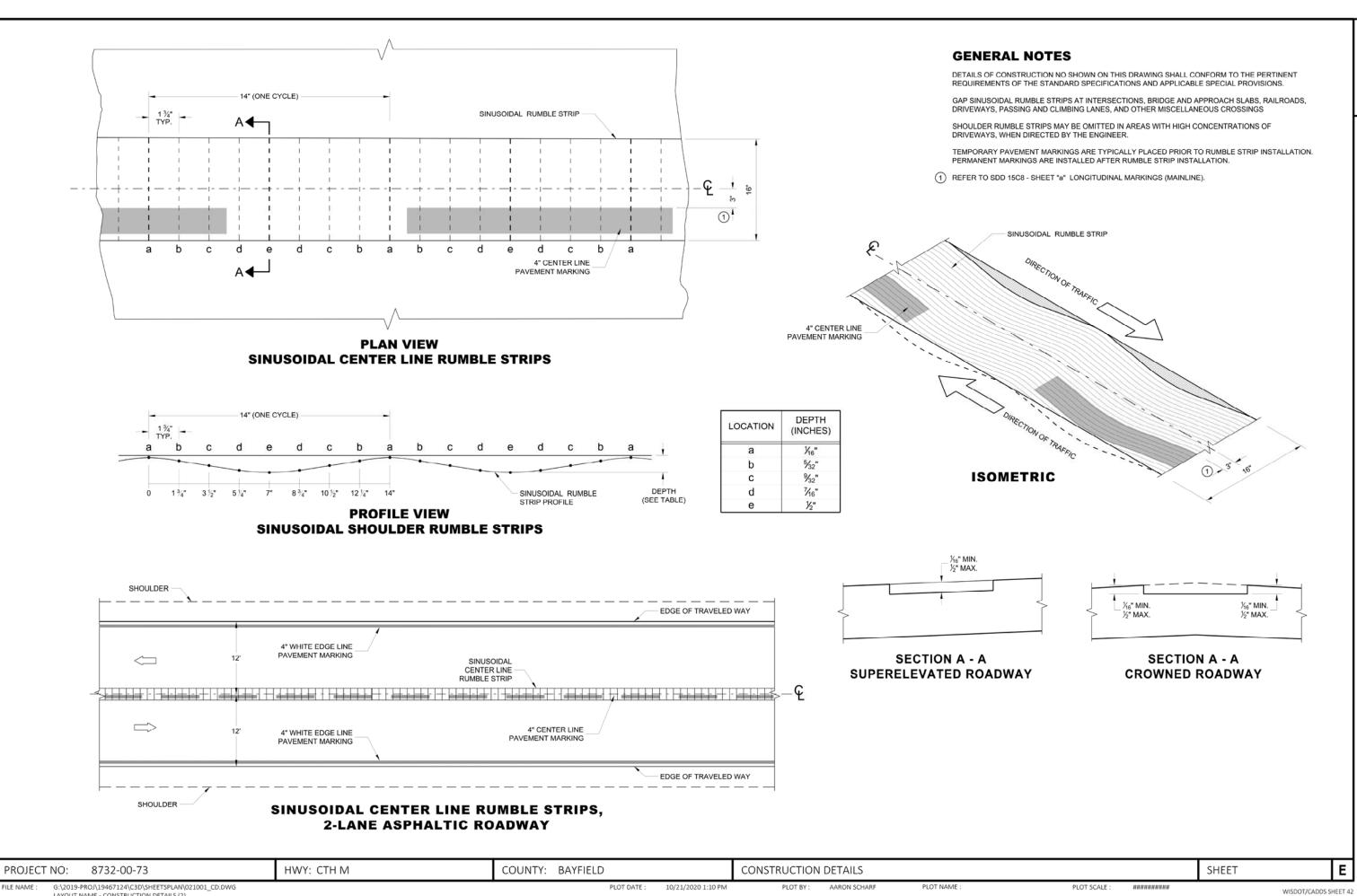
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WISDOT/CADDS SHEET 42 LAYOUT NAME - CONSTRUCTION DETAILS (1)





WISDOT/CADDS SHEET 42

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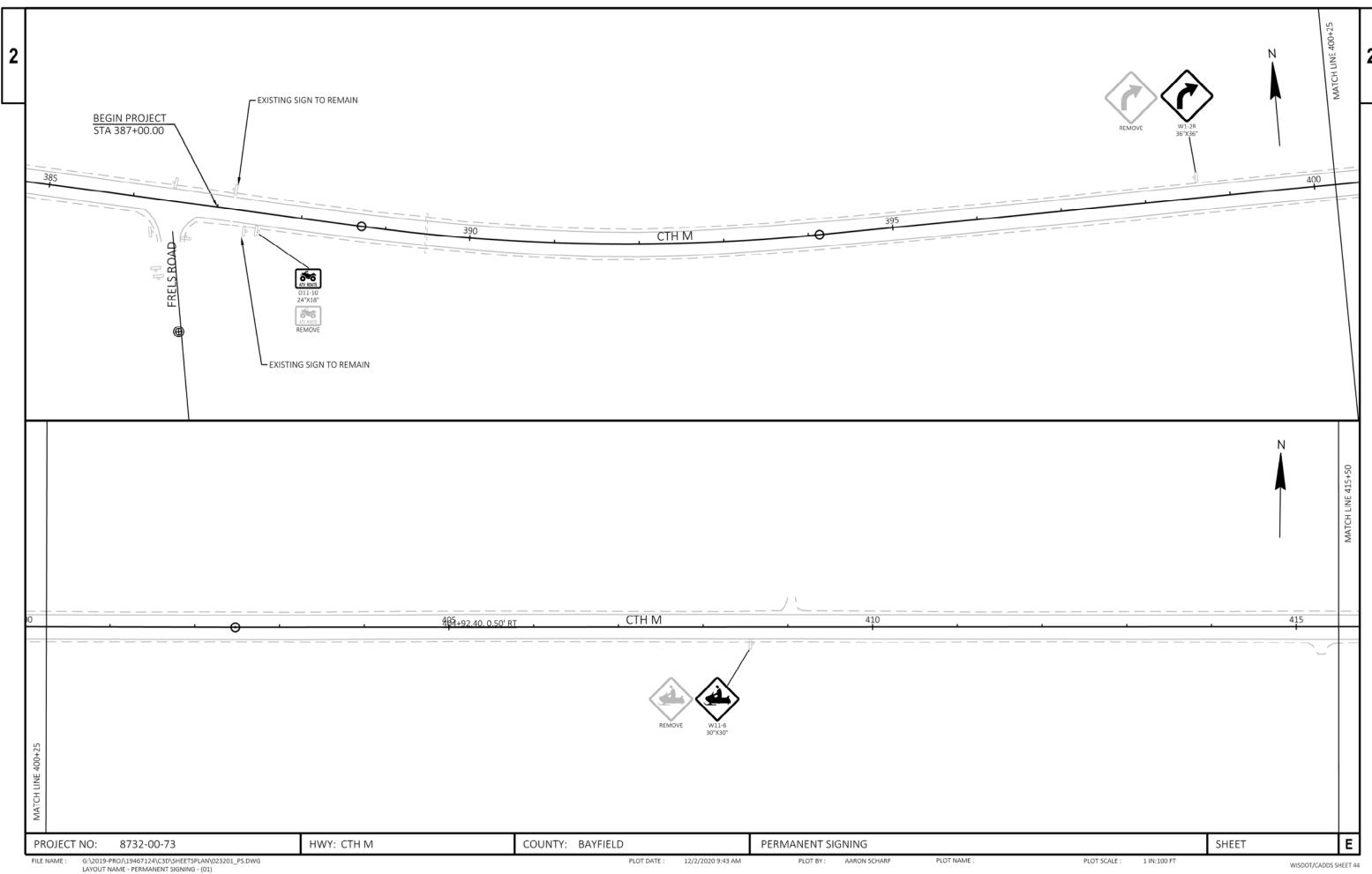
TRANSITION EVEN		RELEVATION REPO		H M ALI' E (FT/FT)	
LOCATION	STATION	LEFT OF CRO			FCROWNLINE
LOCATION	STATION				RIGHT SHOULDER
CURVE 1		LEFT SHOOLDER	LEFT LAINE	KIGHT LANE	KIGHT SHOOLDE
EndNormalShoulder	387+29.57	-0.036	-0.020	-0.020	-0.020
EndNormalCrown	387+29.57	-0.036	-0.020	-0.020	-0.020
LevelCrown	387+82.77	-0.038	-0.020	0.000	0.000
ReverseCrown	388+35.97	-0.039	-0.020	0.020	0.020
LowShoulderMatch	388+89.17	-0.040	-0.040	0.040	0.040
BeginFullSuper	389+15.77	-0.050	-0.050	0.050	0.050
EndFullSuper	393+68.86	-0.050	-0.050	0.050	0.050
LowShoulderMatch	393+95.46	-0.040	-0.040	0.040	0.040
ReverseCrown	394+48.66	-0.040	-0.020	0.020	0.020
LevelCrown	395+01.86	-0.040	-0.020	0.000	0.000
BeginNormalCrown	395+55.06	-0.040	-0.020	-0.020	-0.020
BeginNormalShoulder	395+55.06	-0.040	-0.020	-0.020	-0.020
CURVE 2					
EndNormalShoulder	418+14.05	-0.040	-0.020	-0.020	-0.020
EndNormalCrown	418+14.05	-0.040	-0.020	-0.020	-0.020
LevelCrown	418+67.50	-0.040	-0.020	0.000	0.000
ReverseCrown	419+20.94	-0.040	-0.020	0.020	0.020
LowShoulderMatch	419+74.39	-0.040	-0.040	0.040	0.040
BeginFullSuper	420+22.50	-0.058	-0.058	0.058	0.058
EndFullSuper	424+54.79	-0.058	-0.058	0.058	0.058
LowShoulderMatch	425+02.89	-0.040	-0.040	0.040	0.040
ReverseCrown	425+56.34	-0.038	-0.020	0.020	0.020
LevelCrown	426+09.79	-0.037	-0.020	0.000	0.000
BeginNormalCrown	426+63.24	-0.035	-0.020	-0.020	-0.020
BeginNormalShoulder	426+63.24	-0.035	-0.020	-0.020	-0.020
CURVE 3					
EndNormalShoulder	431+88.74	-0.020	-0.020	-0.020	-0.035
EndNormalCrown	431+88.74	-0.020	-0.020	-0.020	-0.035
LevelCrown	432+42.07	0.000	0.000	-0.020	-0.037
ReverseCrown	432+95.41	0.020	0.020	-0.020	-0.038
LowShoulderMatch	433+48.74	0.040	0.040	-0.040	-0.040
BeginFullSuper	434+02.07	0.060	0.060	-0.060	-0.060
EndFullSuper	439+31.10	0.060	0.060	-0.060	-0.060
LowShoulderMatch	439+84.44	0.040	0.040	-0.040	-0.040
ReverseCrown	440+37.77	0.020	0.020	-0.020	-0.038
LevelCrown	440+91.10	0.000	0.000	-0.020	-0.036
BeginNormalCrown	441+44.44	-0.020	-0.020	-0.020	-0.034
BeginNormalShoulder	441+44.44	-0.020	-0.020	-0.020	-0.034
CURVE 4					
EndNormalShoulder	445+59.67	-0.034	-0.020	-0.020	-0.020
EndNormalCrown	445+59.67	-0.034	-0.020	-0.020	-0.020
LevelCrown	446+13.00	-0.036	-0.020	0.000	0.000
ReverseCrown	446+66.33	-0.038	-0.020	0.020	0.020
LowShoulderMatch	447+19.67	-0.040	-0.040	0.040	0.040
BeginFullSuper	447+73.00	-0.060	-0.060	0.060	0.060
EndFullSuper	449+21.88		-0.060	0.060	0.060
LowShoulderMatch	449+75.22	-0.059	-0.059	0.059	0.059
ReverseCrown	450+28.55	-0.058	-0.058	0.058	0.058
LevelCrown	450+81.88	-0.057	-0.057	0.057	0.057
BeginNormalCrown	451+35.22	-0.056	-0.056	0.056	0.056
BeginNormalShoulder	451+35.22	-0.056	-0.056	0.056	0.056

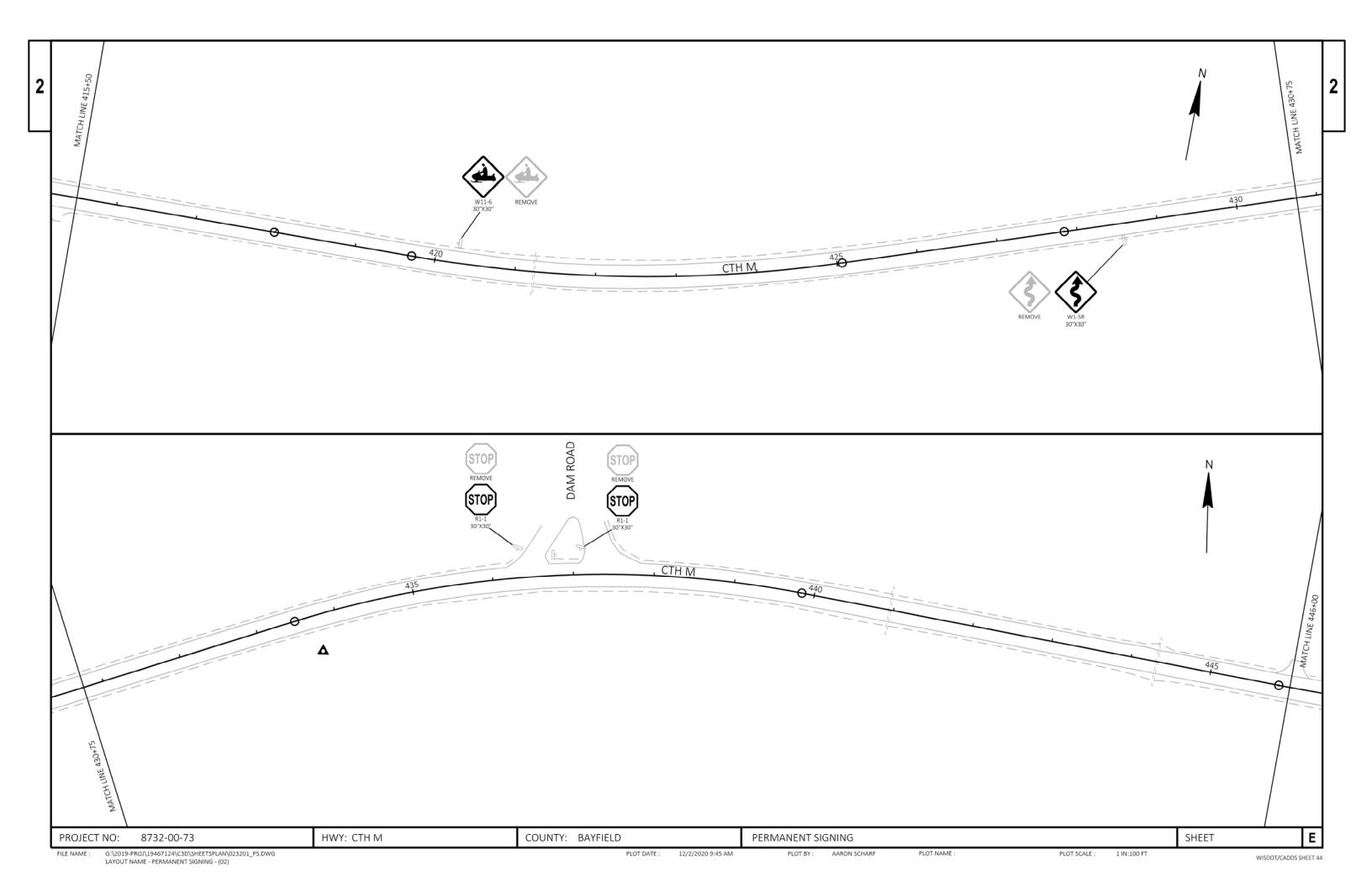
	- July sudulus de	RELEVATION REPO			
TRANSITION EVEN				E (FT/FT)	
LOCATION	STATION	LEFT OF CRO			FCROWNLINE
		LEFT SHOULDER	LEFTLANE	RIGHTLANE	RIGHT SHOULDE
CURVE 5	440.00.07	0.000	0.050	0.050	0.000
EndNormalShoulder	449+09.37	-0.060	-0.060	0.060	0.060
EndNormalCrown	449+09.37	-0.060	-0.060	0.060	0.060
LevelCrown	449+62.59	-0.059	-0.059	0.059	0.059
ReverseCrown	450+15.80	-0.058	-0.058	0.058	0.058
LowShoulderMatch	450+69.01	-0.057	-0.057	0.057	0.057
BeginFullSuper	451+11.59	-0.056	-0.056	0.056	0.056
EndFullSuper	453+22.19	-0.056	-0.056	0.056	0.056
LowShoulderMatch	453+64.76	-0.040	-0.040	0.040	0.040
ReverseCrown	454+17.97	-0.037	-0.020	0.020	0.020
LevelCrown	454+71.19	-0.033	-0.020	0.000	0.000
BeginNormalCrown	455+24.40	-0.030	-0.020	-0.020	-0.020
BeginNormalShoulder	455+24.40	-0.030	-0.020	-0.020	-0.020
CURVE 6		1 LOW COMPANY		DAMAN CANADAN	NA CHAMPERA
EndNormalShoulder	456+80.52	-0.020	-0.020	-0.020	-0.030
EndNormalCrown	456+80.52	-0.020	-0.020	-0.020	-0.030
LevelCrown	457+33.85	0.000	0.000	-0.020	-0.033
ReverseCrown	457+87.18	0.020	0.020	-0.020	-0.037
LowShoulderMatch	458+40.52	0.040	0.040	-0.040	-0.040
BeginFullSuper	458+93.85	0.060	0.060	-0.060	-0.060
EndFullSuper	468+60.86	0.060	0.060	-0.060	-0.060
LowShoulderMatch	469+14.19	0.040	0.040	-0.040	-0.040
ReverseCrown	469+67.53	0.020	0.020	-0.020	-0.039
LevelCrown	470+20.86	0.000	0.000	-0.020	-0.038
BeginNormalCrown	470+74.19	-0.020	-0.020	-0.020	-0.037
BeginNormalShoulder	470+74.19	-0.020	-0.020	-0.020	-0.037
CURVE 7					
EndNormalShoulder	479+67.72	-0.026	-0.020	-0.020	-0.020
EndNormalCrown	479+67.72	-0.026	-0.020	-0.020	-0.020
LevelCrown	480+21.05	-0.026	-0.020	0.000	0.000
ReverseCrown	480+74.38	-0.027	-0.020	0.020	0.020
BeginFullSuper	481+25.05	-0.027	-0.039	0.039	0.039
EndFullSuper	484+00.90	-0.029	-0.039	0.039	0.039
ReverseCrown	484+51.56	-0.029	-0.020	0.020	0.020
LevelCrown	485+04.90	-0.030	-0.020	0.000	0.000
BeginNormalCrown	485+58.23	-0.030	-0.020	-0.020	-0.020
BeginNormalShoulder	485+58.23	-0.030	-0.020	-0.020	-0.020
CURVE 8					
EndNormalShoulder	498+90.36	-0.039	-0.020	-0.020	-0.020
EndNormalCrown	498+90.36	-0.039	-0.020	-0.020	-0.020
LevelCrown	499+43.84	-0.039	-0.020	0.000	0.000
ReverseCrown	499+97.32	-0.040	-0.020	0.020	0.020
LowShoulderMatch	500+50.80	-0.040	-0.040	0.040	0.040
BeginFullSuper	500+66.84	-0.046	-0.046	0.046	0.046
EndFullSuper	507+64.67	-0.046	-0.046	0.046	0.046
LowShoulderMatch	507+80.71	-0.040	-0.040	0.040	0.040
ReverseCrown	508+34.19	-0.040	-0.020	0.020	0.020
LevelCrown	508+87.67	-0.040	-0.020	0.000	0.000
BeginNormalCrown	509+41.14	-0.040	-0.020	-0.020	-0.020
BeginNormalShoulder	509+41.14	-0.040	-0.020	-0.020	-0.020

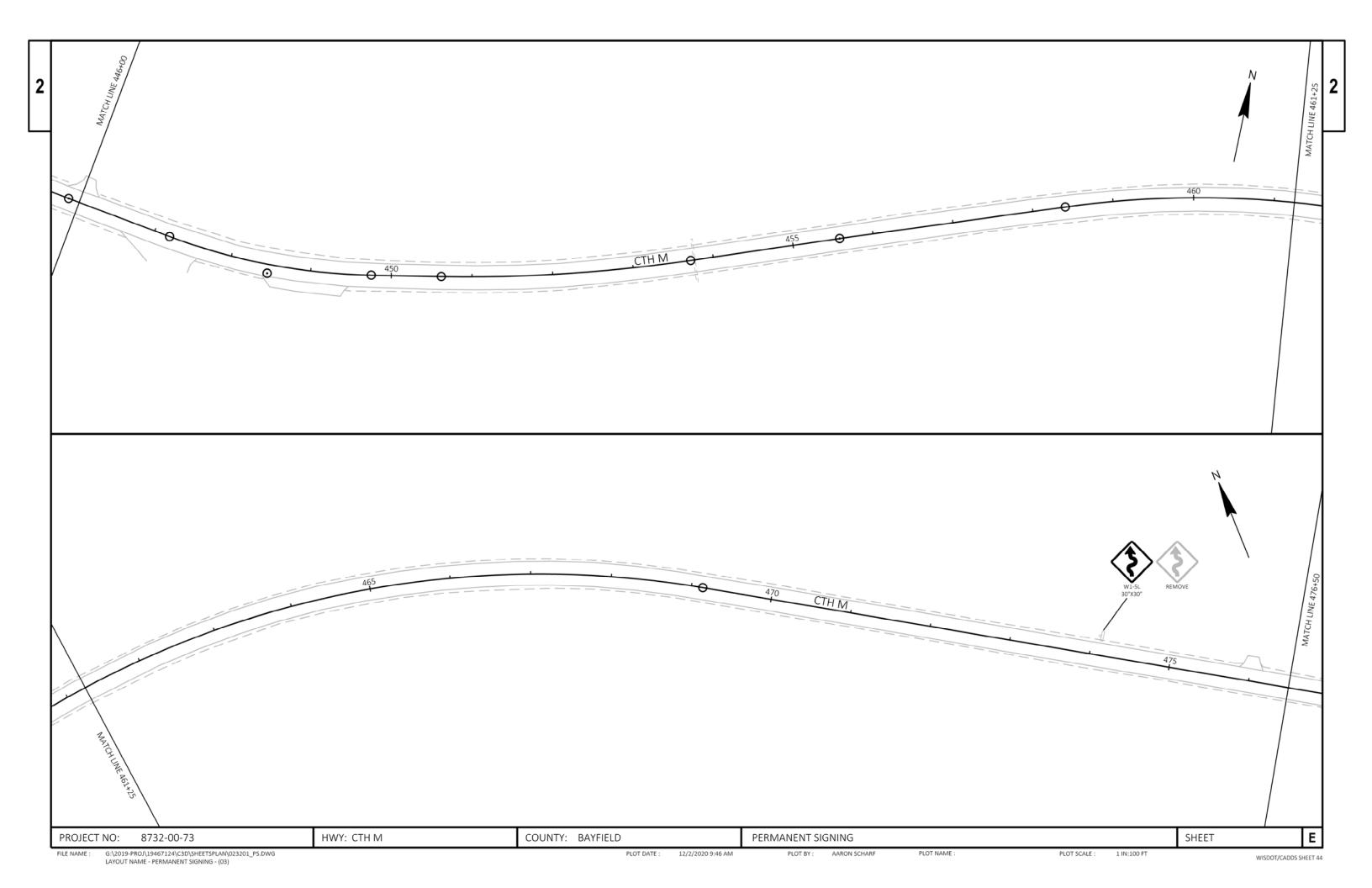
TRANSITION SVEN		RELEVATION REPO					
TRANSITION EVEN		LEFT OF CROS		E (FT/FT)	E CROWNI INF		
LOCATION	STATION	LEFT OF CRO			F CROWNLINE		
CURVEO		LEFT SHOULDER	LEFILANE	RIGHT LANE	RIGHT SHOULDER		
CURVE 9		2.242	0.000	0.000			
EndNormalShoulder	603+07.70	-0.040	-0.020	-0.020	-0.020		
EndNormalCrown	603+07.70	-0.040	-0.020	-0.020	-0.020		
LevelCrown	603+60.92	-0.040	-0.020	0.000	0.000		
ReverseCrown	604+14.13	-0.040	-0.020	0.020	0.020		
LowShoulderMatch	604+67.34	-0.040	-0.040	0.040	0.040		
BeginFullSuper	605+09.92	-0.056	-0.056	0.056	0.056		
EndFullSuper	610+08.83	-0.056	-0.056	0.056	0.056		
LowShoulderMatch	610+51.40	-0.040	-0.040	0.040	0.040		
ReverseCrown	611+04.62	-0.037	-0.020	0.020	0.020		
LevelCrown	611+57.83	-0.035	-0.020	0.000	0.000		
BeginNormalCrown	612+11.04	-0.032	-0.020	-0.020	-0.020		
BeginNormalShoulder	612+11.04	-0.032	-0.020	-0.020	-0.020		
CURVE 10							
EndNormalShoulder	614+68.44	-0.020	-0.020	-0.020	-0.020		
EndNormalCrown	614+68.44	-0.020	-0.020	-0.020	-0.020		
LevelCrown	615+21.55	0.000	0.000	-0.020	-0.020		
ReverseCrown	615+74.65	0.020	0.020	-0.020	-0.020		
BeginFullSuper	615+98.55	0.029	0.029	-0.029	-0.020		
EndFullSuper	620+92.75	0.029	0.029	-0.029	-0.020		
ReverseCrown	621+16.64	0.020	0.020	-0.020	-0.020		
LevelCrown	621+69.75	0.000	0.000	-0.020	-0.020		
BeginNormalCrown	622+22.85	-0.020	-0.020	-0.020	-0.020		
BeginNormalShoulder	622+22.85	-0.020	-0.020	-0.020	-0.020		
CURVE 11	OLL ILLIOS	0.020	0.020	0.020	0.020		
EndNormalShoulder	634+09.56	-0.038	-0.020	-0.020	-0.020		
EndNormalCrown	634+09.56	-0.038	-0.020	-0.020	-0.020		
LevelCrown	634+62.77	-0.038	-0.020	0.000	0.000		
ReverseCrown	635+15.99	-0.039	-0.020	0.020	0.020		
LowShoulderMatch	635+69.20	-0.040	-0.040	0.040	0.040		
BeginFullSuper	636+11.77	-0.056	-0.056	0.056	0.056		
EndFullSuper	643+28.72	-0.056	-0.056	0.056	0.056		
LowShoulderMatch		-0.036		0.036	0.036		
	643+71.29	***************************************	-0.040		7		
ReverseCrown	644+24.50	-0.040	-0.020	0.020	0.020		
LevelCrown	644+77.72	-0.040	-0.020	0.000	0.000		
BeginNormalCrown	645+30.93	-0.040	-0.020	-0.020	-0.020		
BeginNormalShoulder	645+30.93	-0.040	-0.020	-0.020	-0.020		

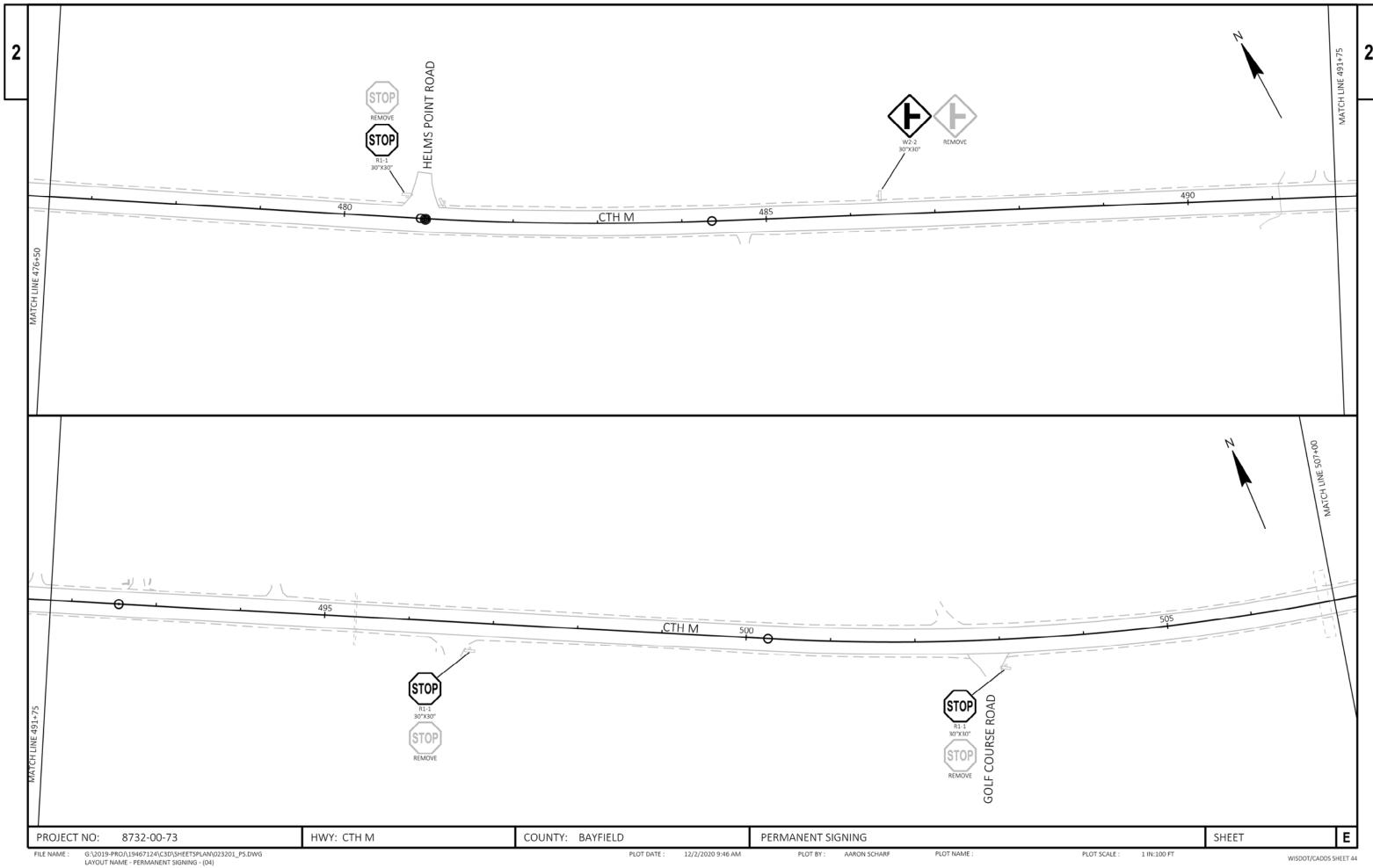
COUNTY: BAYFIELD Ε HWY: CTH M PLAN SUPERELEVATION TABLE SHEET PROJECT NO: 8732-00-73 PLOT SCALE : ########

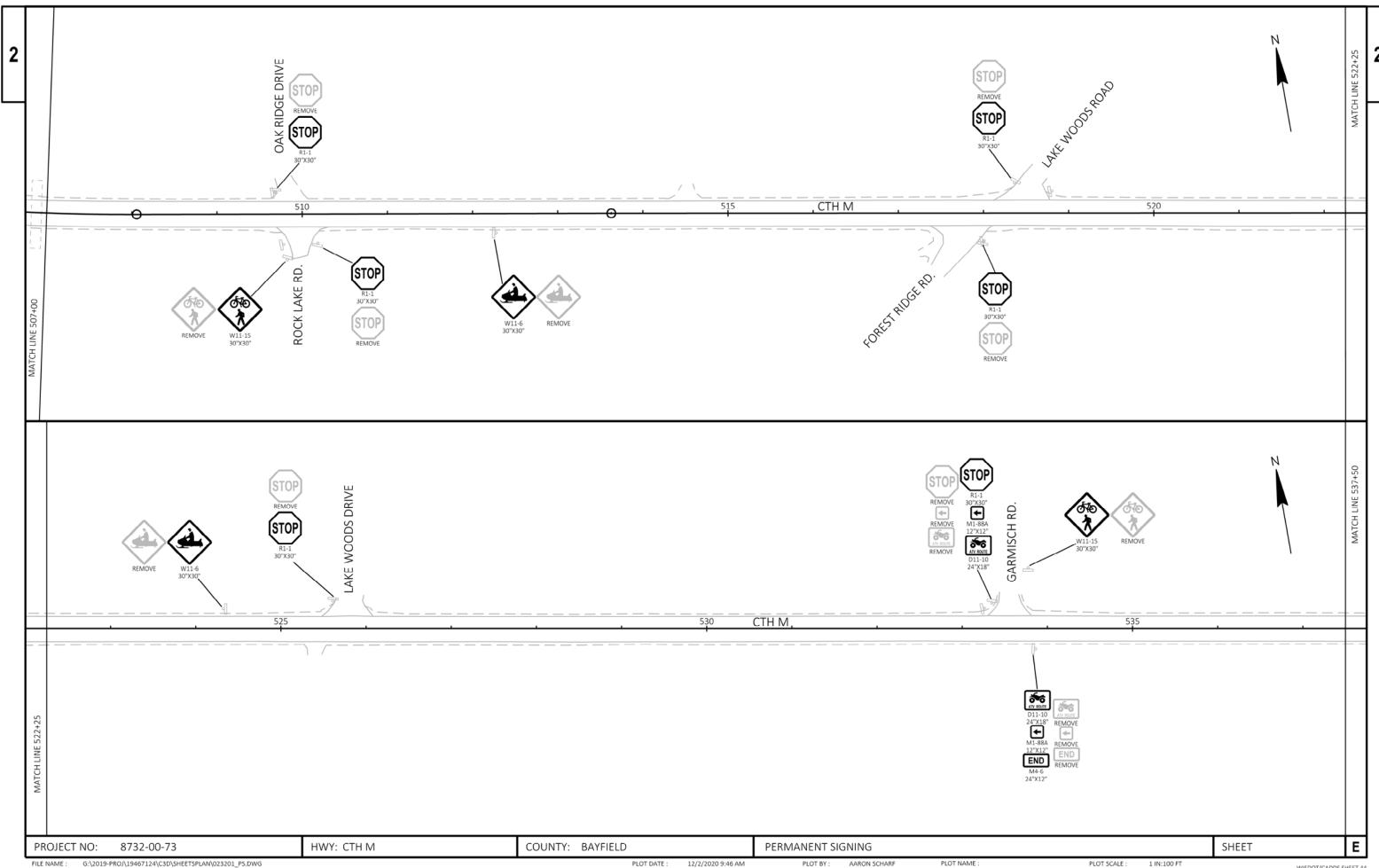
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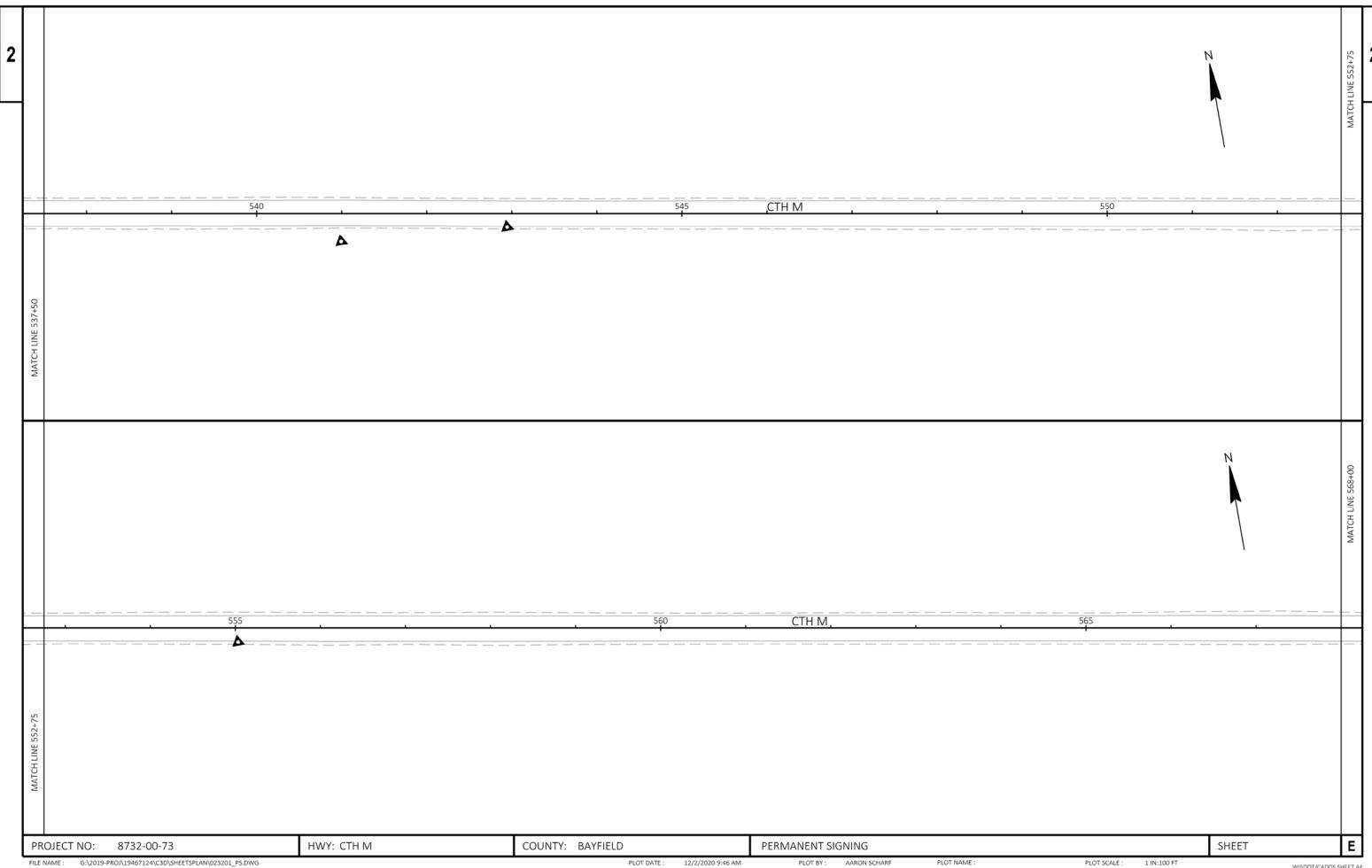


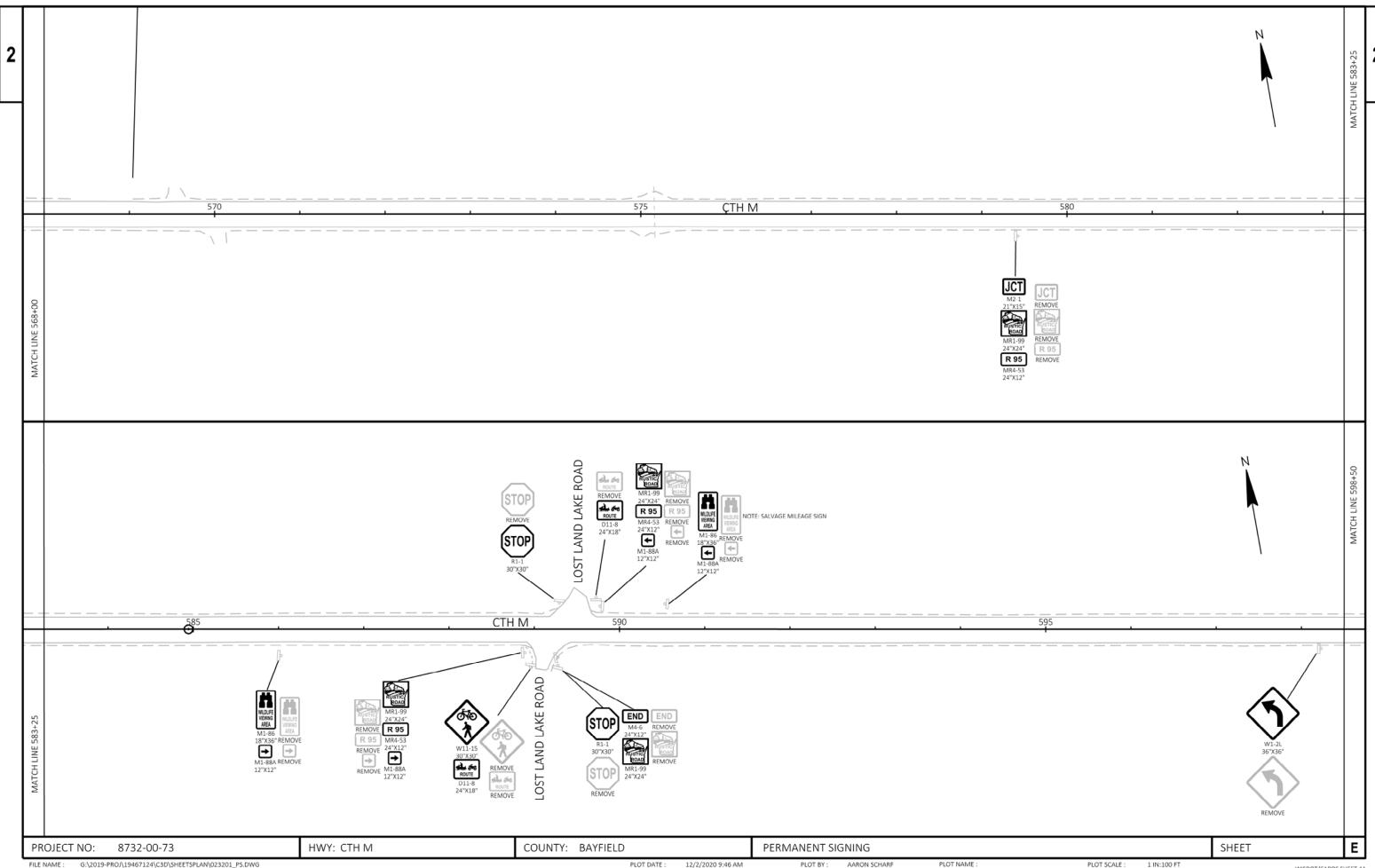


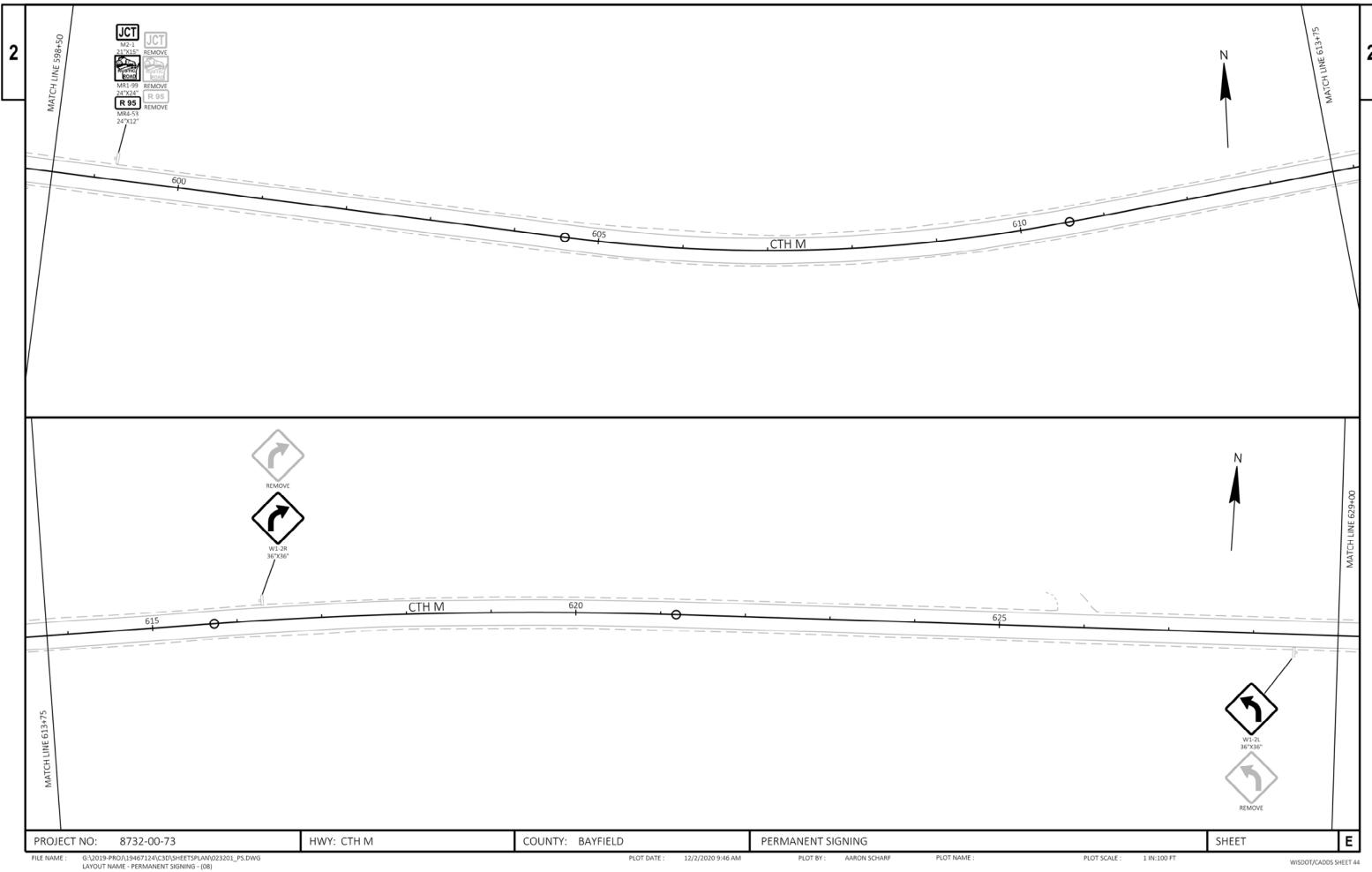


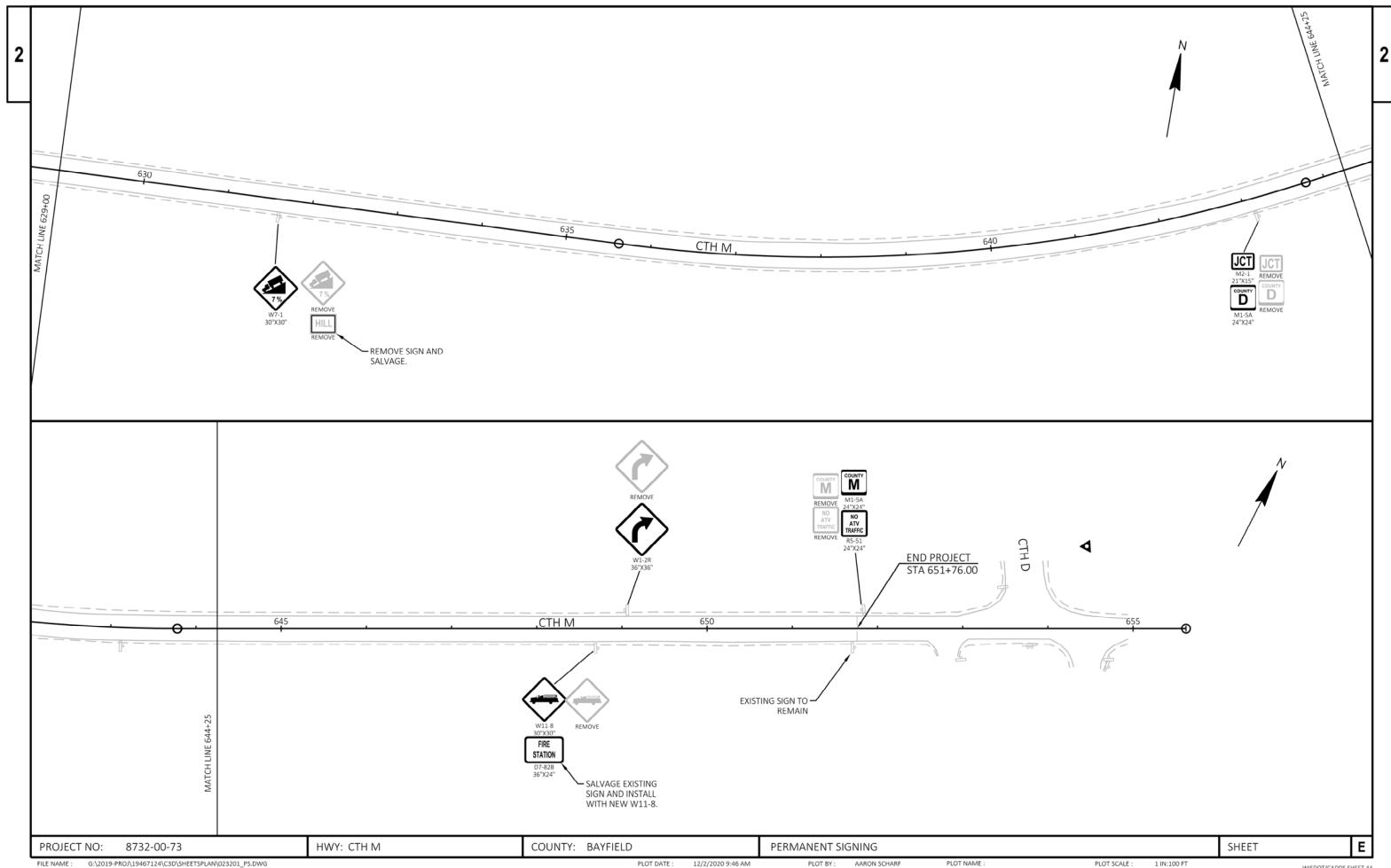












Page 1

					8732-00-73
Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	51.000	51.000
0004	204.0115	Removing Asphaltic Surface Butt Joints	SY	1,621.000	1,621.000
0006	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 8732-00-73	LS	1.000	1.000
8000	213.0100	Finishing Roadway (project) 01. 8732-00-73	EACH	1.000	1.000
0010	305.0110	Base Aggregate Dense 3/4-Inch	TON	2,176.000	2,176.000
0012	325.0100	Pulverize and Relay	SY	89,090.000	89,090.000
0014	455.0605	Tack Coat	GAL	4,160.000	4,160.000
0016	460.2000	Incentive Density HMA Pavement	DOL	19,820.000	19,820.000
0018	460.5223	HMA Pavement 3 LT 58-28 S	TON	10,486.000	10,486.000
0020	460.5244	HMA Pavement 4 LT 58-34 S	TON	9,328.000	9,328.000
0022	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	50.000	50.000
0024	618.0100	Maintenance And Repair of Haul Roads (project) 01. 8732-00-73	EACH	1.000	1.000
0026	619.1000	Mobilization	EACH	1.000	1.000
0028	624.0100	Water	MGAL	100.000	100.000
0030	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	44.000	44.000
0032	637.2210	Signs Type II Reflective H	SF	148.000	148.000
0034	637.2230	Signs Type II Reflective F	SF	120.000	120.000
0036	638.2602	Removing Signs Type II	EACH	62.000	62.000
0038	638.3000	Removing Small Sign Supports	EACH	43.000	43.000
0040	642.5001	Field Office Type B	EACH	1.000	1.000
0042	643.0900	Traffic Control Signs	DAY	750.000	750.000
0044	643.5000	Traffic Control	EACH	1.000	1.000
0046	646.1020	Marking Line Epoxy 4-Inch	LF	52,469.000	52,469.000
0048	646.4520	Marking Line Same Day Epoxy 4-Inch	LF	40,899.000	40,899.000
0050	648.0100	Locating No-Passing Zones	MI	5.000	5.000
0052	649.0105	Temporary Marking Line Paint 4-Inch	LF	81,797.000	81,797.000
0054	650.8000	Construction Staking Resurfacing Reference	LF	26,476.000	26,476.000
0056	650.9910	Construction Staking Supplemental Control (project) 01. 8732-00-73		1.000	1.000
0058	690.0150	Sawing Asphalt	LF	435.000	435.000
0060	740.0440	Incentive IRI Ride	DOL	10,030.000	10,030.000
0062	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	800.000	800.000
0064	ASP.1T0G	•	HRS	600.000	600.000
0066	SPV.0090	Special 01. Asphaltic Centerline Rumble Strips, Sinusoidal, 2-Lane Rural	LF	26,476.000	26,476.000
0068	SPV.0105	Special 01. Material Transfer Vehicle	LS	1.000	1.000

	CLEARING ITEMS											
				201.0105								
CATEGORY	STATION TO	STATION	SIDE	CLEARING STA								
0010	391+00 -	417+00	LT/RT	26								
0010	424+00 -	437+00	LT/RT	13								
0010	446+00 -	447+00	LT/RT	1								
0010	457+00 -	460+00	LT/RT	3								
0010	475+00 -	481+00	LT/RT	6								
0010	490+00 -	492+00	LT/RT	2								
			0010 TOTAL	51								

CATEGORY	STATION	TO.	STATION	SIDE	LOCATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS
CATEGORY	STATION	10	STATION	SIDE	LOCATION	SY
0010	387+00	7.	387+75	LT/RT	BEGIN PROJECT	234
0010	436+52			LT	DAM ROAD	58
0010	437+36			LT	DAM ROAD	86
0010	480+90			LT	HELMS POINT ROAD	52
0010	502+86			RT	GOLF COURSE ROAD	80
0010	509+98			RT	ROCK LAKE ROAD	58
0010	517+73			RT	FOREST RIDGE ROAD	128
0010	518+50			LT	LAKEWOODS ROAD	104
0010	525+78			LT	LAKEWOODS DRIVE	76
0010	533+57			LT	GARMISCH ROAD	70
0010	589+14			LT	LOST LAND LAKE ROAD	74
0010	589+47			RT	LOST LAND LAKE ROAD	56
0010	650+01	7.	651+76	LT/RT	END PROJECT	545
					0010 TOTAL	1,621

		BASI	E AGGREGA	ATE DEN	ISE ITEM:	5		
							305.0110	
							BASE	
							AGGREGATE	
							DENSE	
							3/4-INCH	
					WIDTH	THICKNESS		
CATEGORY	STATION	TO	STATION	SIDE	(FT)	(IN)	TON	REMARKS
0010	387+00	4	651+76	LT/RT	1	4.25	2,039	GRAVEL SHOULDER
0010	436+52			LT	1		3	DAM ROAD
0010	437+36			LT	1		3	DAM ROAD
0010	480+90			LT	1		2	HELMS POINT ROAD
0010	502+86			RT	1		3	GOLF COURSE ROAD
0010	509+98			RT	1		2	ROCK LAKE ROAD
0010	517+73			RT	1		5	FOREST RIDGE ROAD
0010	518+50			LT	1		4	LAKEWOODS ROAD
0010	525+78			LT	1		3	LAKEWOODS DRIVE
0010	533+57			LT	1		3	GARMISCH ROAD
0010	589+14			LT	1		4	LOST LAND LAKE ROAL
0010	589+47			RT	1		2	LOST LAND LAKE ROAL
0010	DRIVEWAYS			LT/RT			100	
							121 (1902.002.1	
						0010 TOTAL	2,176	

										ASPHALT ITE	MS					
								325.0100	455.0605	460.5223	460.5244	465.0120	690.0150	SPV.0090.01	SPV.0105.01	
								PULVERIZE AND RELAY	TACK COAT	HMA PAVEMENT 3 LT 58-28 S	HMA PAVEMENT 4 LT 58-34 S	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	SAWING ASPHALT	ASPHALTIC CENTERLINE RUMBLE STRIPS, SINUSOIDAL, 2-LANE RURAL	MATERIAL TRANSFER VEHICLE	
					WIDTH	THICKNESS			mana mana				1 321 111 112 1	1136,131,146		
ATEGORY	STATION	TO	STATION	SIDE	(FT)	(IN)	LAYERS	SY	GAL	TON	TON	TON	LF	LF	LS	REMARKS
0010	387+00	4	651+76	LT/RT	30	10.00	1	88,250								CTH M
0010	387+00	4	651+76	LT/RT	28	2.25	1		4,117	10,380					1	CTH M
0010	387+00	\dot{x}	651+76	LT/RT	28	2.00	1				9,230			26,476		CTH M
0010	436+52			LT				58	3	7	6					DAM ROAD
0010	437+36			LT				86	4	11	10					DAM ROAD
0010	480+90			LT				52	3	7	6					HELMS POINT ROAD
0010	502+86			RT				80	4	10	9					GOLF COURSE ROAD
0010	509+98			RT				58	3	7	7					ROCK LAKE ROAD
0010	517+73			RT				128	6	16	15					FOREST RIDGE ROAD
0010	518+50			LT				104	5	13	12					LAKEWOODS ROAD
0010	525+78			LT				76	4	10	9					LAKEWOODS DRIVE
0010	533+57			LT				70	4	9	8					GARMISCH ROAD
0010	589+14			LT				74	4	9	9					LOST LAND LAKE ROA
0010	589+47			RT				56	3	7	7					LOST LAND LAKE ROA
0010	UNDISTRUB	UTE	D					8				50	435			
						(0010 TOTAL	89,090	4,160	10,486	9,328	50	435	26,476	1	

COUNTY: BAYFIELD Ε PROJECT NO: 8732-00-73 HWY: CTH M MISCELLANEOUS QUANTITIES SHEET FILE NAME : G:\2019-PROJ\19467124\C3D\SHEETSPLAN\030101_MQ,DWG LAYOUT NAME - 01 PLOT BY: AARON SCHARF PLOT DATE : 11/25/2020 8:56 AM PLOT NAME :

PLOT SCALE : 1" = 1' WISDOT/CADDS SHEET 42

WATER 624.0100 WATER CATEGORY STATION TO STATION MGAL UNDISTRIBUTED 100 0010 0010 TOTAL 100

						SIGNING								
								637.2210	637.2230		634.0616	638.2602	638.3000	
								SIGNS TYPE II	SIGNS TYPE II		POSTS WOOD 4X6-	REMOVING	REMOVING SMALL	
						0.000000000		REFLECTIVE H	REFLECTIVE F		INCH X 16-FT	SIGNS TYPE II	SIGN SUPPORTS	
CATECORY	CTATION	CIDE D	UDECTION	CODE	DESCRIPTION	WIDTH	HEIGHT	S.F.	C.F.	ODDED LINE 1	FACU	FACIL	FACIL	DEMANDIC
CATEGORY	STATION	SIDE D	DIRECTION	CODE	DESCRIPTION	(IN)	(IN)	SF	SF	ORDER LINE 1	EACH	EACH	EACH	REMARKS
0010	387+52	22 RT	EB	D11-10	ATV ROUTE W/ SYMBOL	24	18	3.00			1	1	1.	
0010		20 RT	EB	W11-6	SNOMOBILE ROUTE W/ SYMBOL	30	30	071.75	6.25		1	1	1	
0010		21 RT	EB	W1-5R	ROAD SHARP CURVES	30	30		6.25		1	1	1	
0010		30 RT	NB	R1-1	STOP	30	30	5.18	0.23		1	1	1	
0010		31 RT	NB	R1-1	STOP	30	30	5.18			1	1	1.	
0010		54 RT	SB	W11-15	BICYCLE/PEDESTRIAN SYMBOL	30	30	5.16	6.25		1	1	1	
0010		34 RT	NB	R1-1	STOP	30	30	E 10	0.23		1	1	1	
		23 RT	EB		SNOMOBILE CROSSING			5.18	6.25		1	1	1	
0010		33 RT	NB	W11-6		30	30	F 10	0.25		1	1	1	
0010		24 RT	EB	R1-1	STOP	30	30	5.18			1	1	1	
0010		24 RT		D11-10	ATV ROUTE W/ SYMBOL	24	18	3.00			1	1	1	
0010			EB	M1-88A	ARROW	12	12	1.00			:5	1	17.7	
0010		24 RT	EB	M4-6	END	24	12	2.00			-	1	2	
0010		26 RT	EB	M2-1	JUNCTION	21	15	2.19			1	1	1	
0010		26 RT	EB	MR1-99	RUSTIC ROAD	24	24	4.00				1	3.	
0010		26 RT	EB	MR4-53	RUSTIC ROAD ROUTE MARKER	24	12	2.00		R95	. 	1	-	
0010		31 LT	EB	M1-86	(BINOCULARS) WILDLIFE VEIWING AREA	18	36	4.50			1	1	1	
0010		31 LT	EB	M1-88A	ARROW	12	12	1.00			-	1	-	
0010		27 RT	EB	MR1-99	RUSTIC ROAD	24	24	4.00			1	1	1	
0010		27 RT	EB	MR4-53	RUSTIC ROAD ROUTE MARKER	24	12	2.00		R95	-	1		
0010		27 RT	EB	M1-88A	ARROW	12	12	1.00			2	1	2	
0010	588+95	46 RT	SB	W11-15	BICYCLE/PEDESTRIAN SYMBOL	30	30		6.25		1	1	1	
0010	588+95	46 RT	SB	D11-8	SNOMOBILE AND ATV ROUTE W/ SYMBOLS	24	18	3.00			*	1	91	
0010	589+28	42 RT	NB	R1-1	STOP	30	30	5.18			1	1	1	
0010	589+28	40 RT	NB	MR1-99	RUSTIC ROAD	24	24	4.00			1	1	1	
0010	589+28	40 RT	NB	M4-6	END	24	12	2.00			-	1	-	
0010	598+23	23 RT	EB	W1-2L	ROAD CURVES LEFT	36	36		9.00		1	ĩ	1	
0010	628+51	21 RT	EB	W1-2L	ROAD CURVES LEFT	36	36		9.00		1	1	1	
0010		21 RT	EB	W7-1	HILL SYMBOL	30	30		6.25	7%	1	ī	1	
0010	631+64		EB	W7-3P	HILL	12	12				-	1	a 1	REMOVE & SALVAGE
0010	643+15		EB	M2-1	JUNCTION	21	15	2.19		JCT	1	1	1	
0010	643+15		EB	M1-5A	COUNTY ROUTE MARKER	24	24	4.00		D	-	1	-	
0010	648+72		EB	W11-8	FIRE TRUCK CROSSING	30	30	4.00	6.25	0.9	1	1	1	
0010	648+72		EB	W7-3P	FIRE STATION	18	12		0.23		1	1	1	REMOVE & SALVAGE
0011	J-10 / /2	20101		VV / -3F	THESTATION	10	12				1	Ť.	- 180 - 180	THENTOYE & SALVAGE
					EASTBOUND T	OTAL		70.78	61.75		22	33	21	

COUNTY: BAYFIELD Ε PROJECT NO: 8732-00-73 HWY: CTH M MISCELLANEOUS QUANTITIES SHEET FILE NAME : G:\2019-PROJ\19467124\C3D\SHEETSPLAN\030101_MQ,DWG LAYOUT NAME - 02 PLOT BY: AARON SCHARF PLOT DATE : 11/25/2020 8:56 AM PLOT NAME : PLOT SCALE : 1" = 1' WISDOT/CADDS SHEET 42

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-2
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						SIGNING								
								637.2210	637.2230		634.0616	638.2602	638.3000	
								SIGNS TYPE II	SIGNS TYPE II		POSTS WOOD 4X6-	REMOVING	REMOVING SMALL	
								REFLECTIVE H	REFLECTIVE F		INCH X 16-FT	SIGNS TYPE II	SIGN SUPPORTS	
CATECORY	CTATION	CIDE	DIRECTION	CODE	DESCRIPTION	WIDTH	HEIGHT	AREA	AREA	00000111154	54		54	DELANDIC
CATEGORY	STATION	SIDE	DIRECTION	CODE	DESCRIPTION	(IN)	(IN)	(SF)	(SF)	ORDER LINE 1	EA	EA	EA	REMARKS
0010	398+60	24 LT	WB	W1-2R	ROAD CURVES RIGHT	36	36		9.00		1	1	1	
0010		24 LT	WB	W11-6	SNOMOBILE CROSSING	30	30		6.25		1	1	1	
0010		35 LT	SB	R1-1	STOP	30	30	5.18			1	1	1	
0010	437+09	31 LT	SB	R1-1	STOP	30	30	5.18			1	1	1	
0010	474+10	24 LT	WB	W1-5L	ROAD SHARP CURVES	30	30		6.25		1	1	1	
0010	480+73	25 LT	SB	R1-1	STOP	30	30	5.18			1	1	1	
0010	486+33	22 LT	WB	W2-2	SIDE ROAD (RIGHT ANGLE) SYMBOL	30	30		6.25		1	1	1	
0010	509+69	26 LT	SB	R1-1	STOP	30	30	5.18			1	1	1	
0010	518+36	36 LT	SB	R1-1	STOP	30	30	5.18			1	1	1	
0010	524+32	23 LT	WB	W11-6	SNOMOBILE CROSSING	30	30		6.25		1	1	1	
0010	525+61	32 LT	SB	R1-1	STOP	30	30	5.18			1	1	1	
0010	533+35	30 LT	SB	R1-1	STOP	30	30	5.18			1	1	1	
0010	533+35	30 LT	SB	D11-10	ATV ROUTE W/ SYMBOL	24	18	3.00			1	1	1	
0010	533+35	30 LT	SB	M1-88A	ARROW	12	12	1.00			-	1	-	
0010	533+77	72 LT	NB	W11-15	BICYCLE/PEDESTRIAN SYMBOL	30	30		6.25		1	1	1	
0010	589+29	31 LT	SB	R1-1	STOP	30	30	5.18			1	1	1	
0010	589+72	38 LT	NB	D11-8	SNOMOBILE AND ATV ROUTE W/ SYMBOLS	24	18	3.00			1	1	1	
0010	589+77	27 LT	WB	MR1-99	RUSTIC ROAD	24	24	4.00			1	1	1	
0010	589+77	27 LT	WB	MR4-53	RUSTIC ROAD ROUTE MARKER	24	12	2.00		R95	-	1	-	
0010	589+77	27 LT	WB	M1-88A	ARROW	12	12	1.00			-	1	-	
0010	590+53	30 LT	WB	M1-86	(BINOCULARS) WILDLIFE VEIWING AREA	18	36	4.50			1	1	1	
0010	590+53	30 LT	WB	M1-88A	ARROW	12	12	1.00			-	1	-	
0010	599+22	25 LT	WB	M2-1	JUNCTION	21	15	2.19			1	1	1	
0010		25 LT	WB	MR1-99	RUSTIC ROAD	24	24	4.00			-	1	-	
0010		25 LT	WB	MR4-53	RUSTIC ROAD ROUTE MARKER	24	12	2.00		R95	-	1	-	
0010	616+28	24 LT	WB	W1-2R	ROAD CURVES RIGHT	36	36		9.00		1	1	1	
0010	649+04	22 LT	WB	W1-2R	ROAD CURVES RIGHT	36	36		9.00		1	1	1	
0010	651+81	22 LT	WB	M1-5A	COUNTY ROUTE MARKER	24	24	4.00			1	1	1	
0010	651+81	22 LT	WB	R5-51	NO ATV TRAFFIC	24	24	4.00			-	1	-	
					WESTBOUN	D TOTAL		77.13	58.25		22	29	22	
					001	0 TOTAL		148.00	120.00		44	62	43	

Ε HWY: CTH M COUNTY: BAYFIELD MISCELLANEOUS QUANTITIES SHEET PROJECT NO: 8732-00-73 FILE NAME : G:\2019-PROJ\\19467124\C3D\SHEETSPLAN\\030101_MQ,DWG LAYOUT NAME - 03 PLOT BY: AARON SCHARF PLOT SCALE : 1" = 1' PLOT DATE: 11/25/2020 8:56 AM PLOT NAME : WISDOT/CADDS SHEET 42

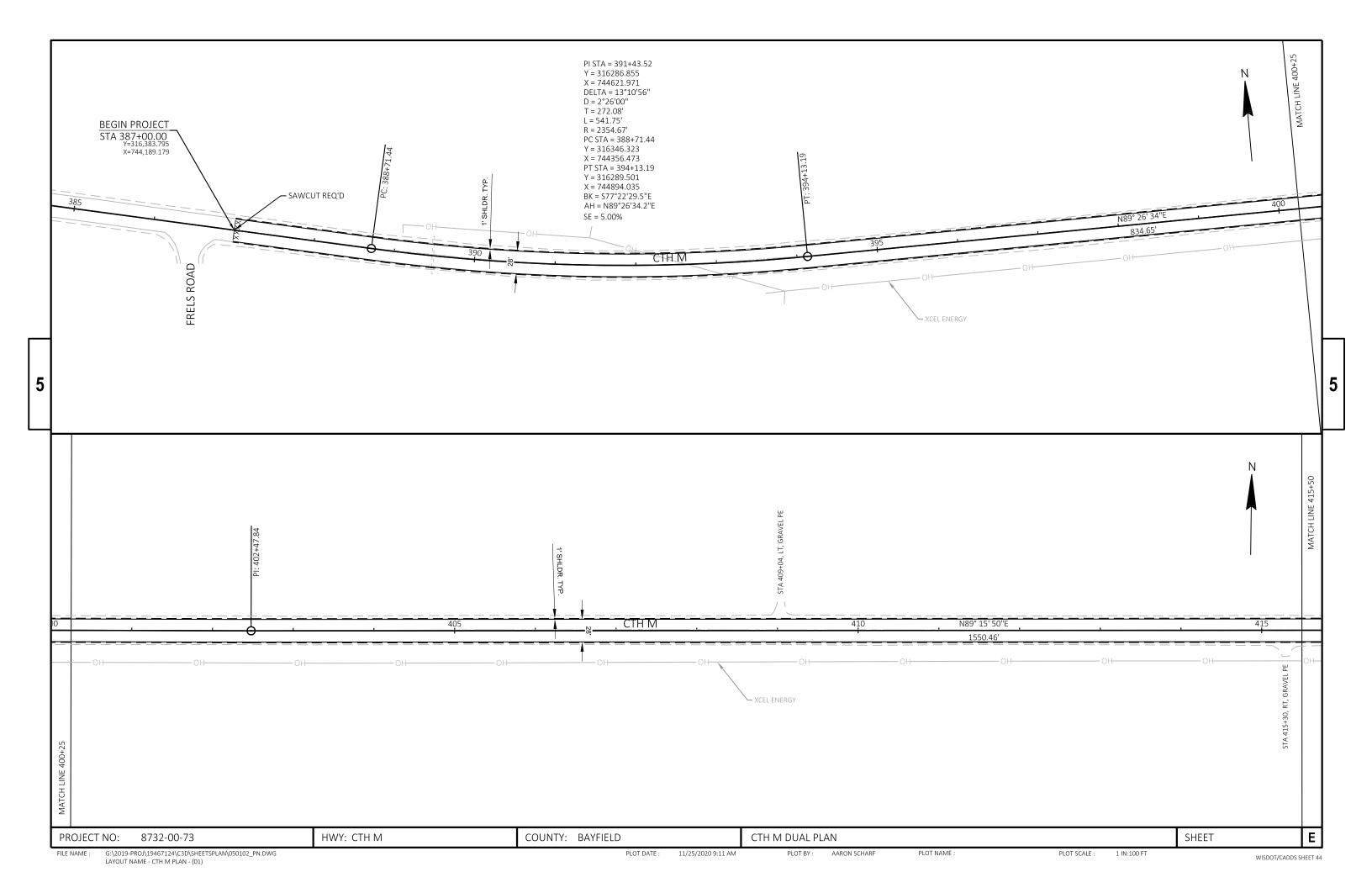
TRAFFIC CONTROL ITEMS					
		TRAFFIC C	ONTROL		
		SIGNS			
		643.0	643.0900		
CATEGORY	WORKING DAYS	#SIGNS	DAYS		
0010	30	25	750		
	0010 TOTAL		750		

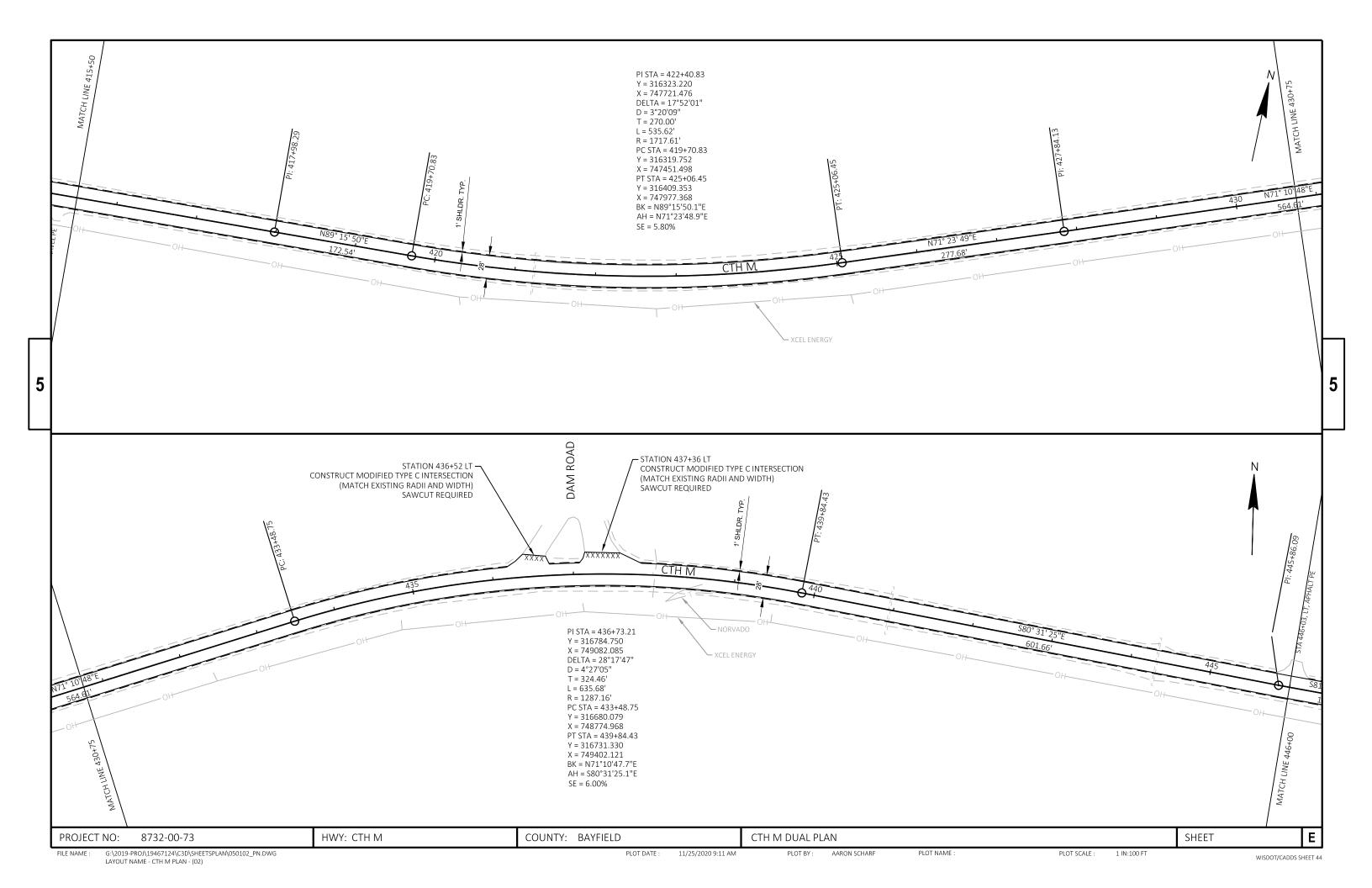
				PAVE	MENT MARKING	ITEMS			
	STATION :		STATION		MARKING LINE EPOXY 4-INCH WHITE 646.1020	4-INCH 646.4520	LOCATING NO- PASSING ZONES 648.0100	649.0105	
CATEGORY	STATION	10	STATION	LOCATION	LF	LF	MI	LF	REMARKS
0010 0010	387+00 387+00		651+76 651+76	LT RT	26233 26236				WHITE, EDGELINE WHITE, EDGELINE
0010		*	Decree Section 1999	LT/RT	20230		5		Wille, EDGELINE
0010	387+00	-	404+93	LT/RT		3586	3	7172	YELLOW, CL, DOUBLE YELLOW
0010		-	411+49	LT/RT		820		1640	YELLOW, CL, NO PASSING WESTBOUND
0010	0.0000000000000000000000000000000000000		414+54	LT/RT		610		1220	YELLOW, CL, DOUBLE YELLOW
0010		-	422+13	LT/RT		949		1898	YELLOW, CL, NO PASSING EASTBOUND
0010		-	486+03	LT/RT		12780		25560	YELLOW, CL, DOUBLE YELLOW
0010		•	496+22	LT/RT		1274		2548	YELLOW, CL, NO PASSING WESTBOUND
0010			502+41	LT/RT		774		1548	YELLOW, CL, NO PASSING EASTBOUND
0010		٠	504+40	LT/RT		398		796	YELLOW, CL, DOUBLE YELLOW
0010			513+05	LT/RT		1081		2163	YELLOW, CL, NO PASSING WESTBOUND
0010			530+89	LT/RT		446		892	YELLOW, CL, PASSING ZONE
0010		*	540+87	LT/RT		1248		2495	YELLOW, CL, NO PASSING EASTBOUND
0010		7.	560+74	LT/RT		3974		7948	YELLOW, CL, DOUBLE YELLOW
0010			571+40	LT/RT		1333		2665	YELLOW, CL, NO PASSING WESTBOUND
0010		57.2	573+14	LT/RT		44		87	YELLOW, CL, PASSING ZONE
0010	201024VC011	-	583+61	LT/RT		1309		2618	YELLOW, CL, NO PASSING EASTBOUND
0010	2012/12/20	-	594+87	LT/RT		1408		2815	YELLOW, CL, NO PASSING WESTBOUND
0010		-	598+13	LT/RT		82		163	YELLOW, CL, PASSING ZONE
0010			607+30	LT/RT		1146		2293	YELLOW, CL, NO PASSING EASTBOUND
0010			616+81	LT/RT		1902		3804	YELLOW, CL, DOUBLE YELLOW
0010	616+81		626+45	LT/RT		1205		2410	YELLOW, CL, NO PASSING WESTBOUND
0010		*		LT/RT		362		724	YELLOW, CL, DOUBLE YELLOW
0010	628+26		635+32	LT/RT		883		1765	YELLOW, CL, NO PASSING EASTBOUND
0010	635+32		651+76	LT/RT		3288		6576	YELLOW, CL, DOUBLE YELLOW
				0010 TOTAL	52469	40899	5	81797	•

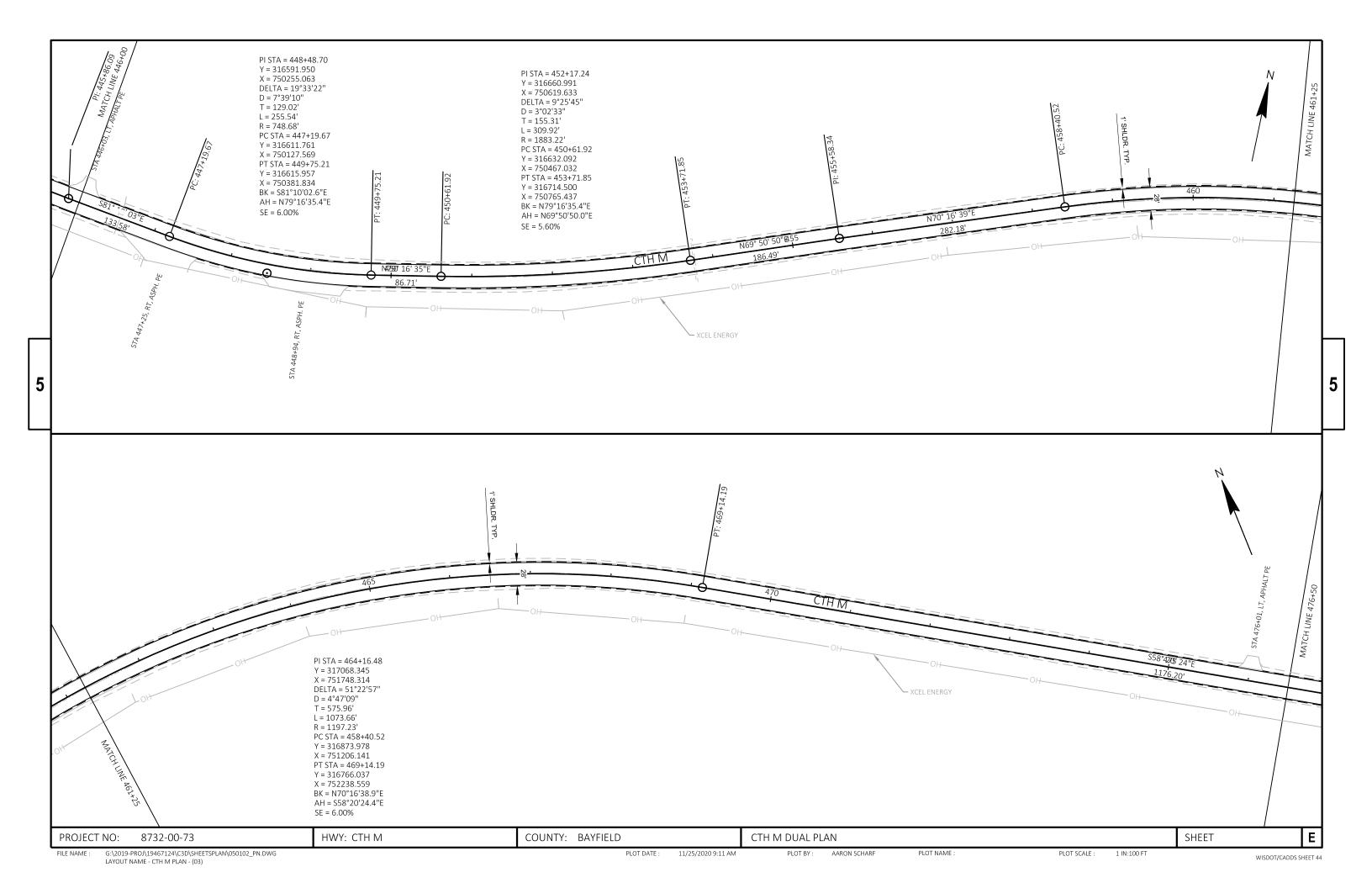
NOTE: TEMPORARY MARKING LINE PAINT 4-INCH INCLUDES QUANTITY FOR FIRST LIFT OF ASPHALT PAVEMENT AND QUANTITY FOR FINAL LIFT IF CENTERLINE MARKINGS ARE INSTALLED BEFORE CENTERLINE RUMBLE STRIPS

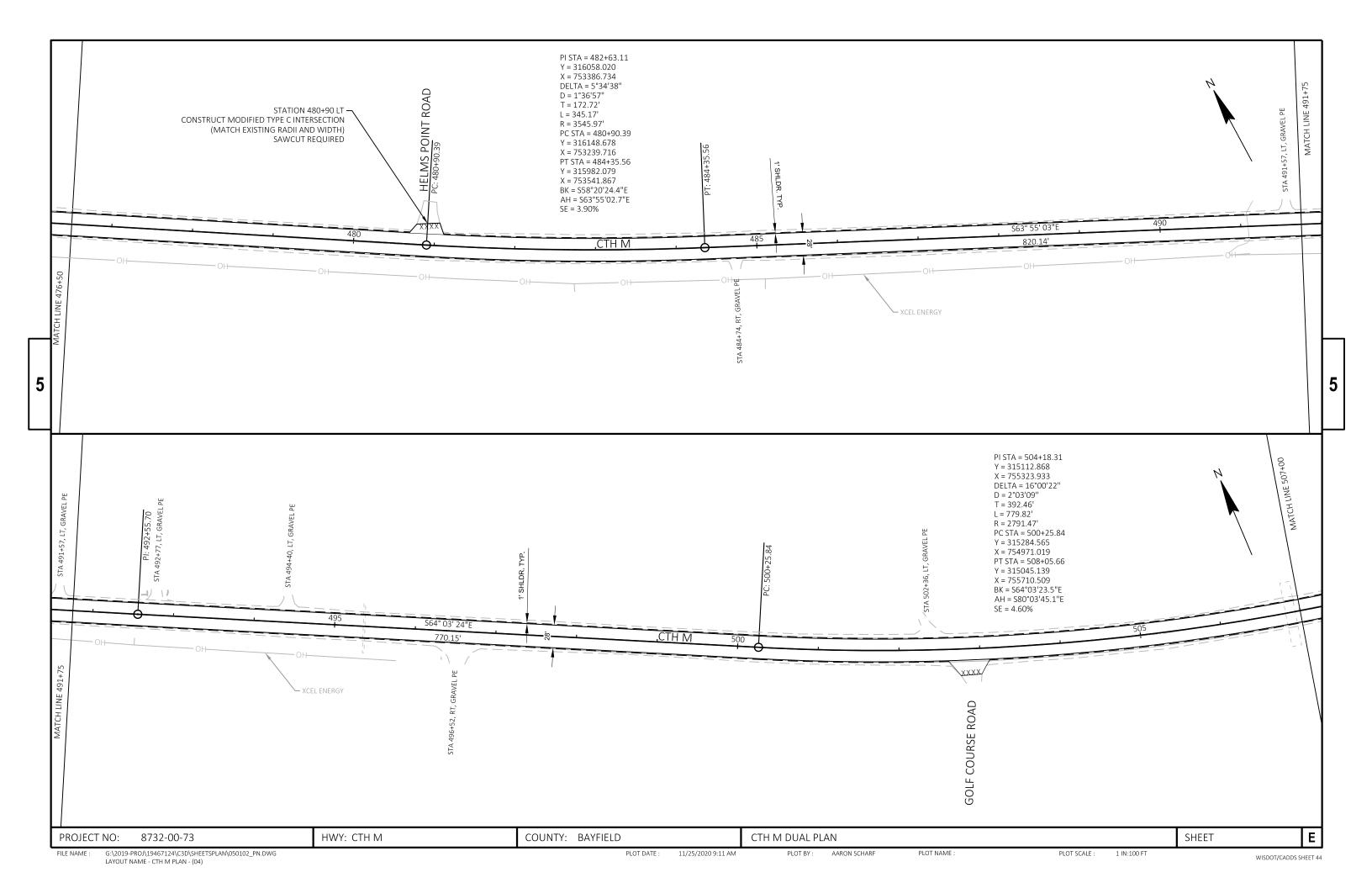
			CONSTRUCTION	STAKING	
				CONSTRUCTION STAKING	
			CONSTRUCTION STAKING	SUPPLEMENTAL CONTROL	
			RESURFACING REFERENCE	(PROJECT)	
			650.8000	650.9910	
CATEGORY	STATION T	O STATION	LF	LS	REMARKS
0010	387+00	- 651+76	26476	1	
		0010 TOTAL	26476	1	

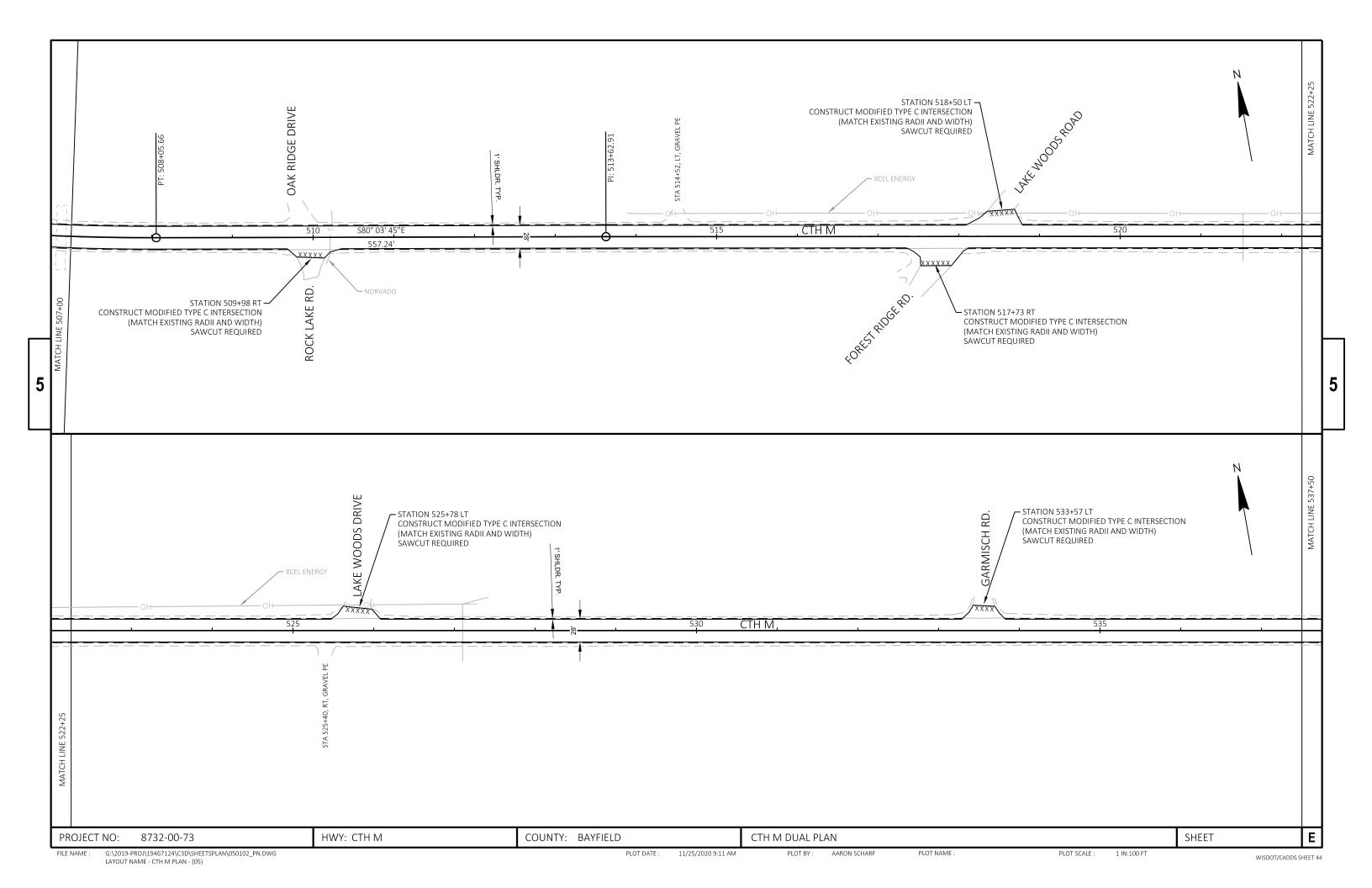
HWY: CTH M COUNTY: BAYFIELD SHEET PROJECT NO: 8732-00-73 MISCELLANEOUS QUANTITIES PLOT SCALE : 1" = 1' FILE NAME : PLOT DATE : 11/25/2020 8:56 AM PLOT BY: AARON SCHARF PLOT NAME :

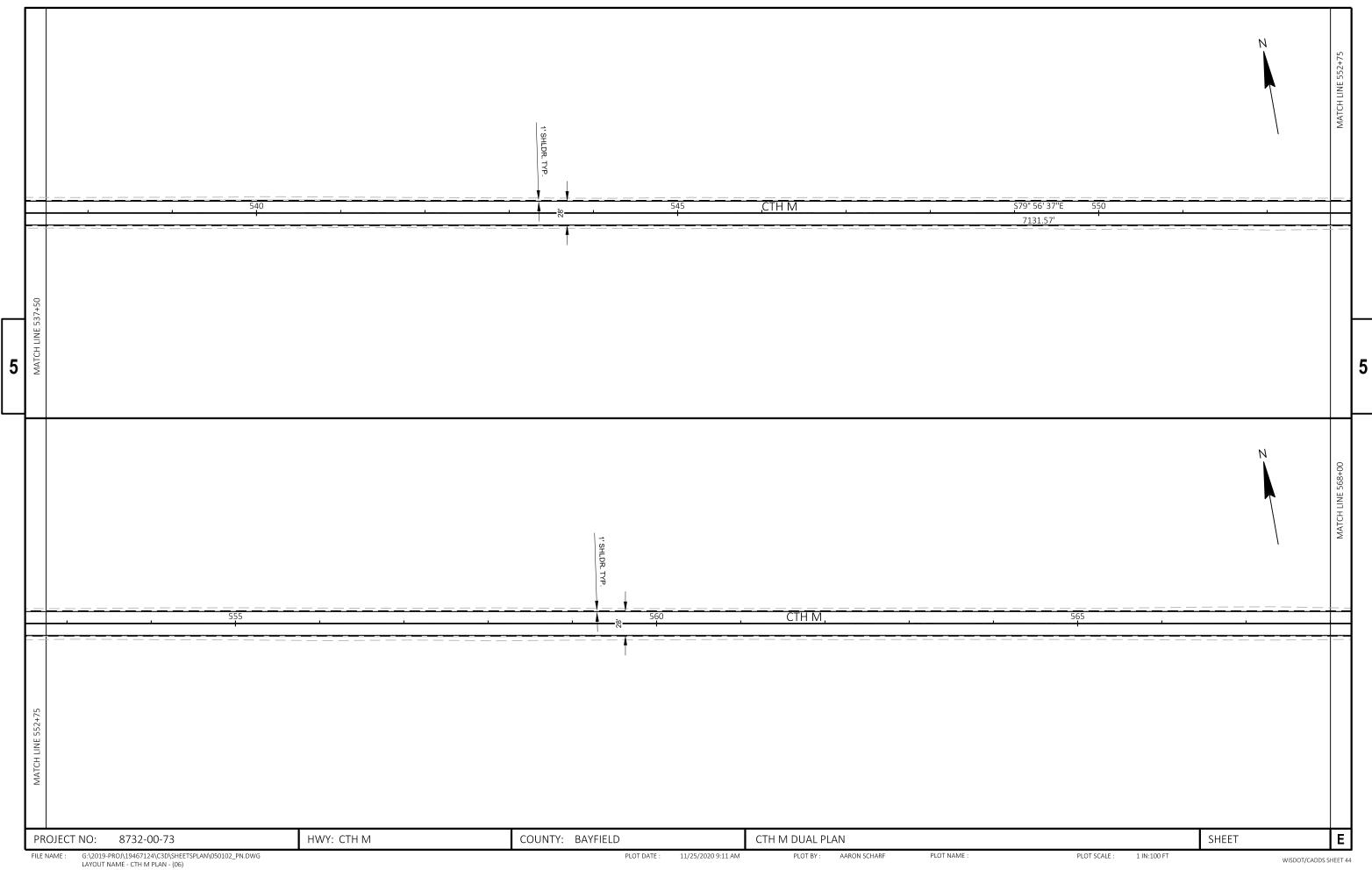


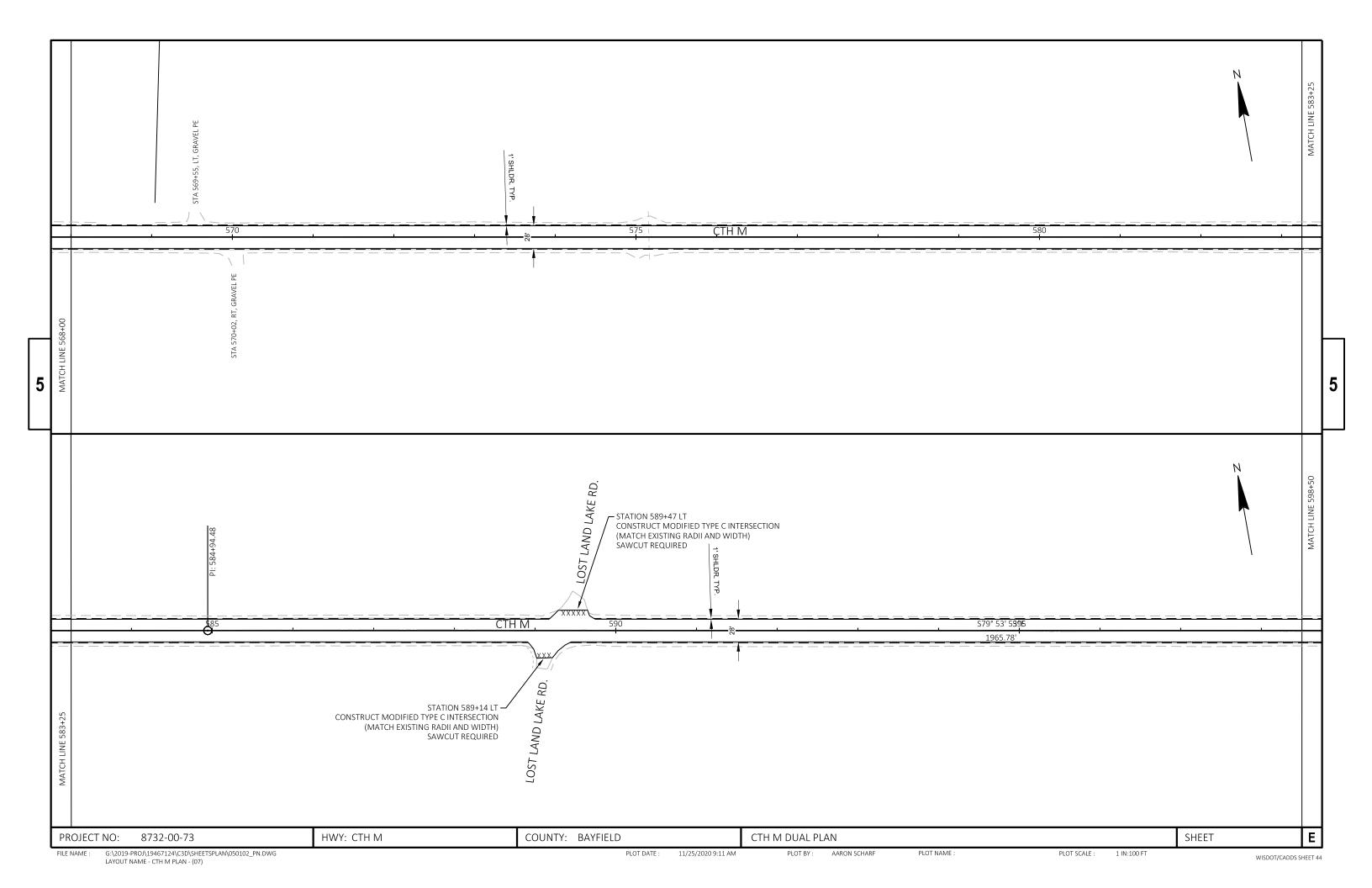


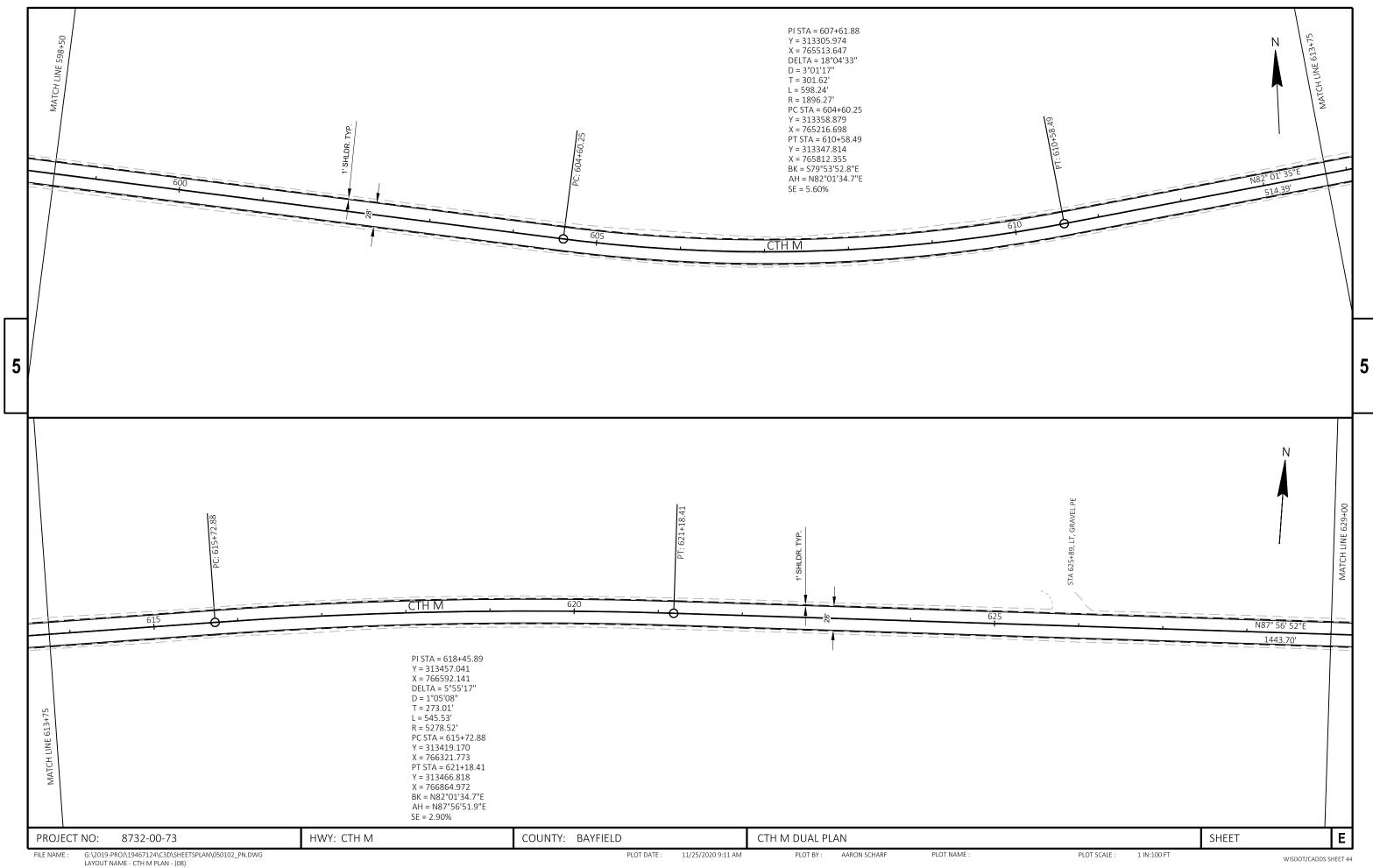


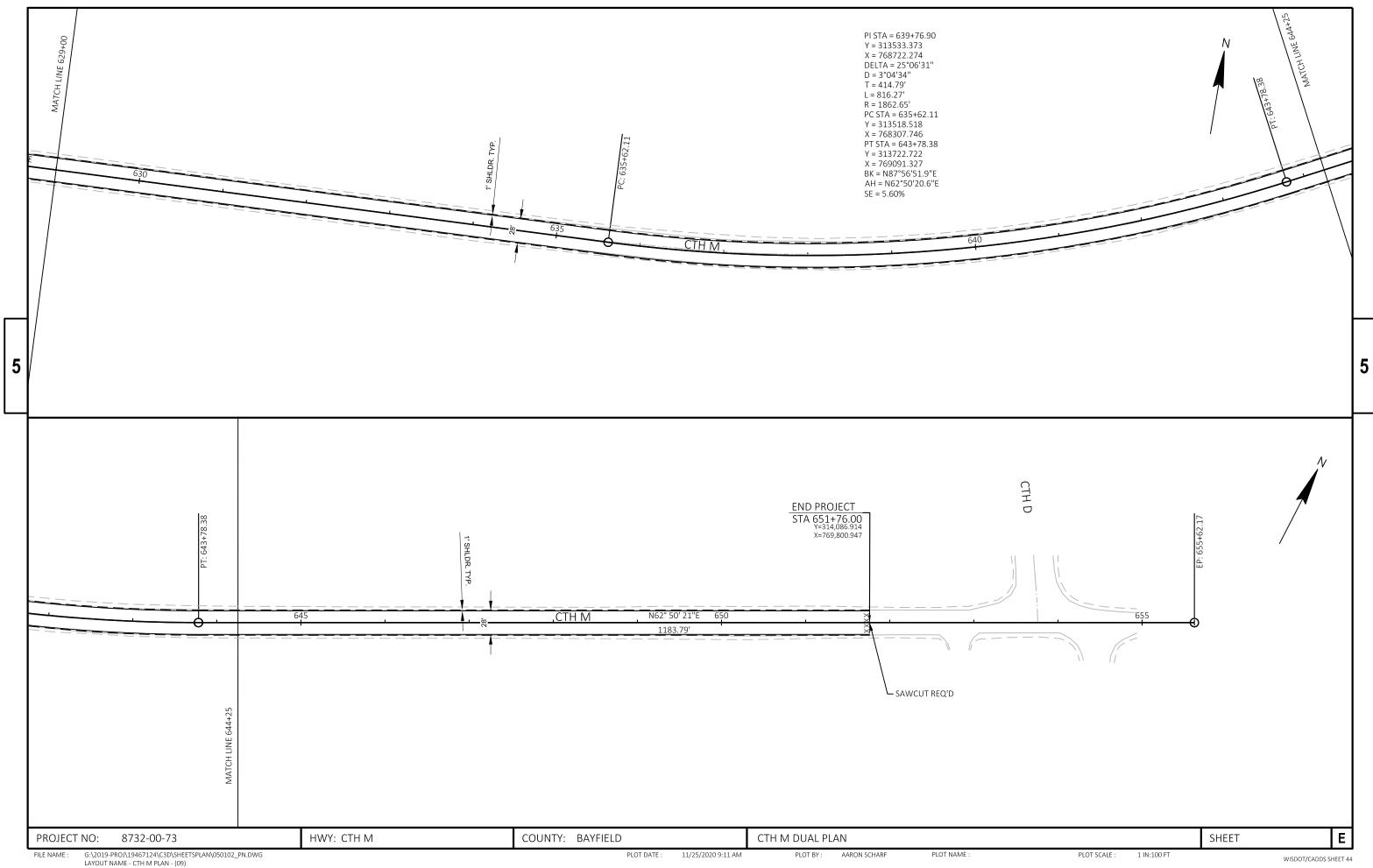










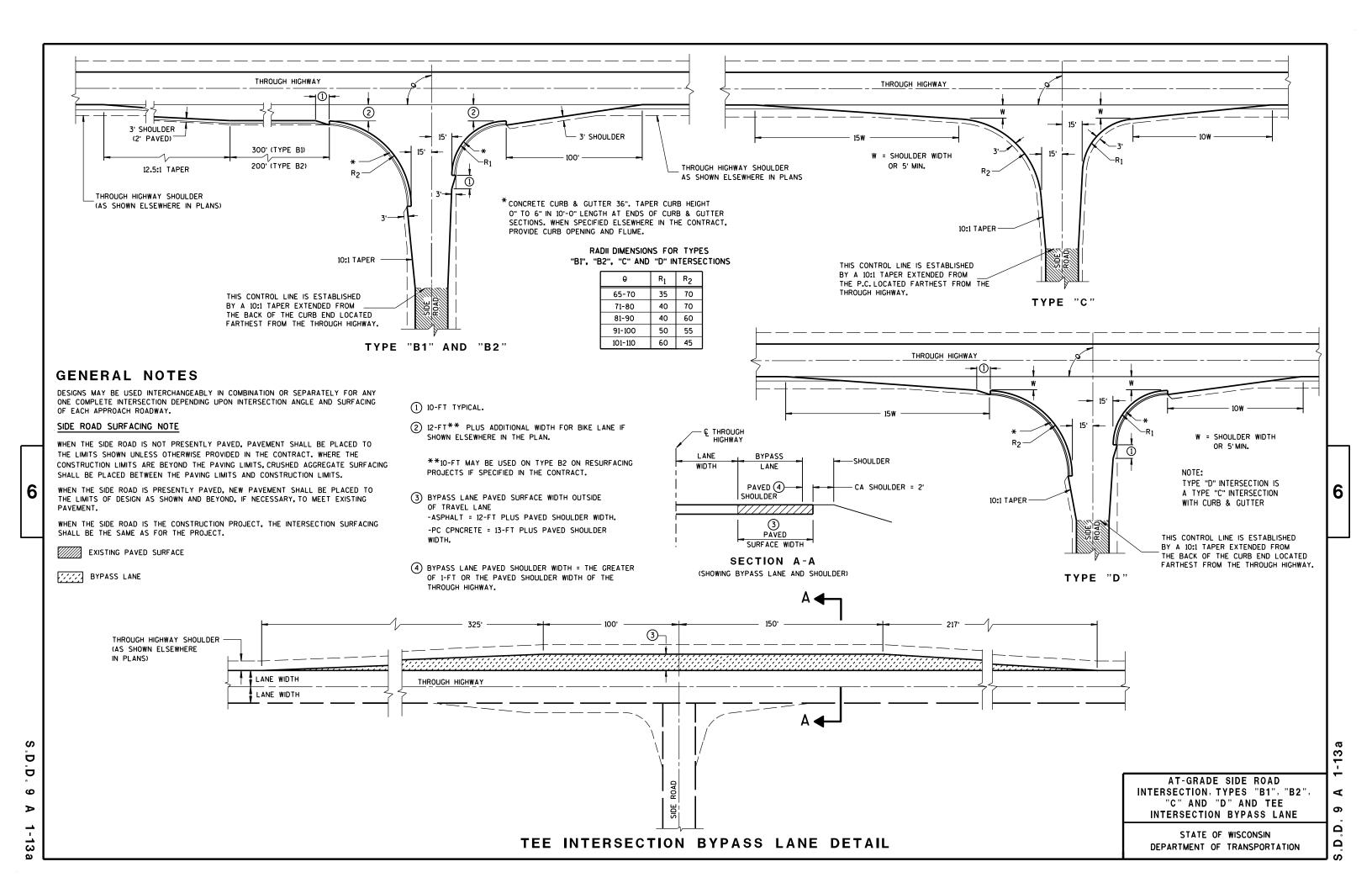


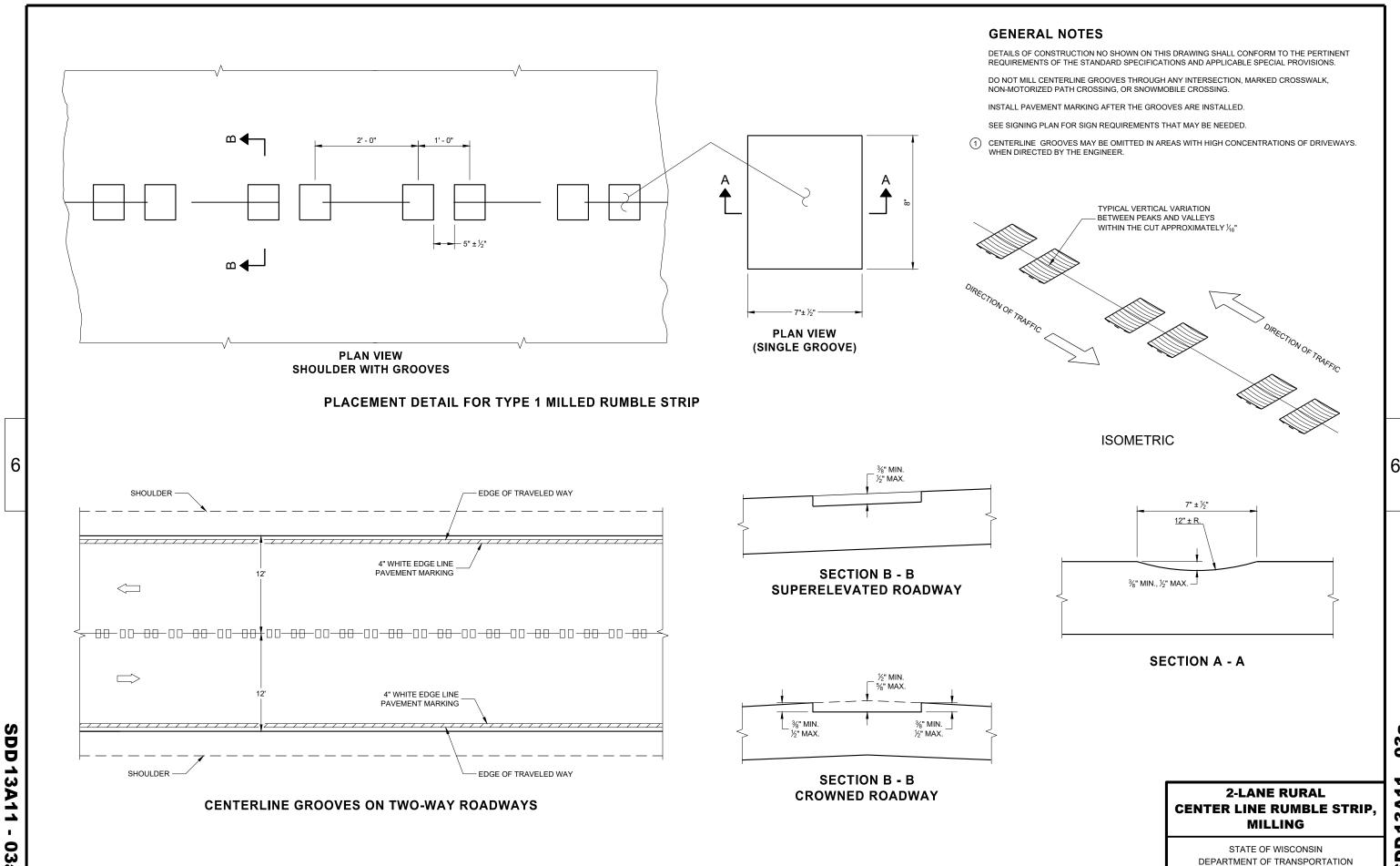
WISDOT/CADDS SHEET 44

Standard Detail Drawing List

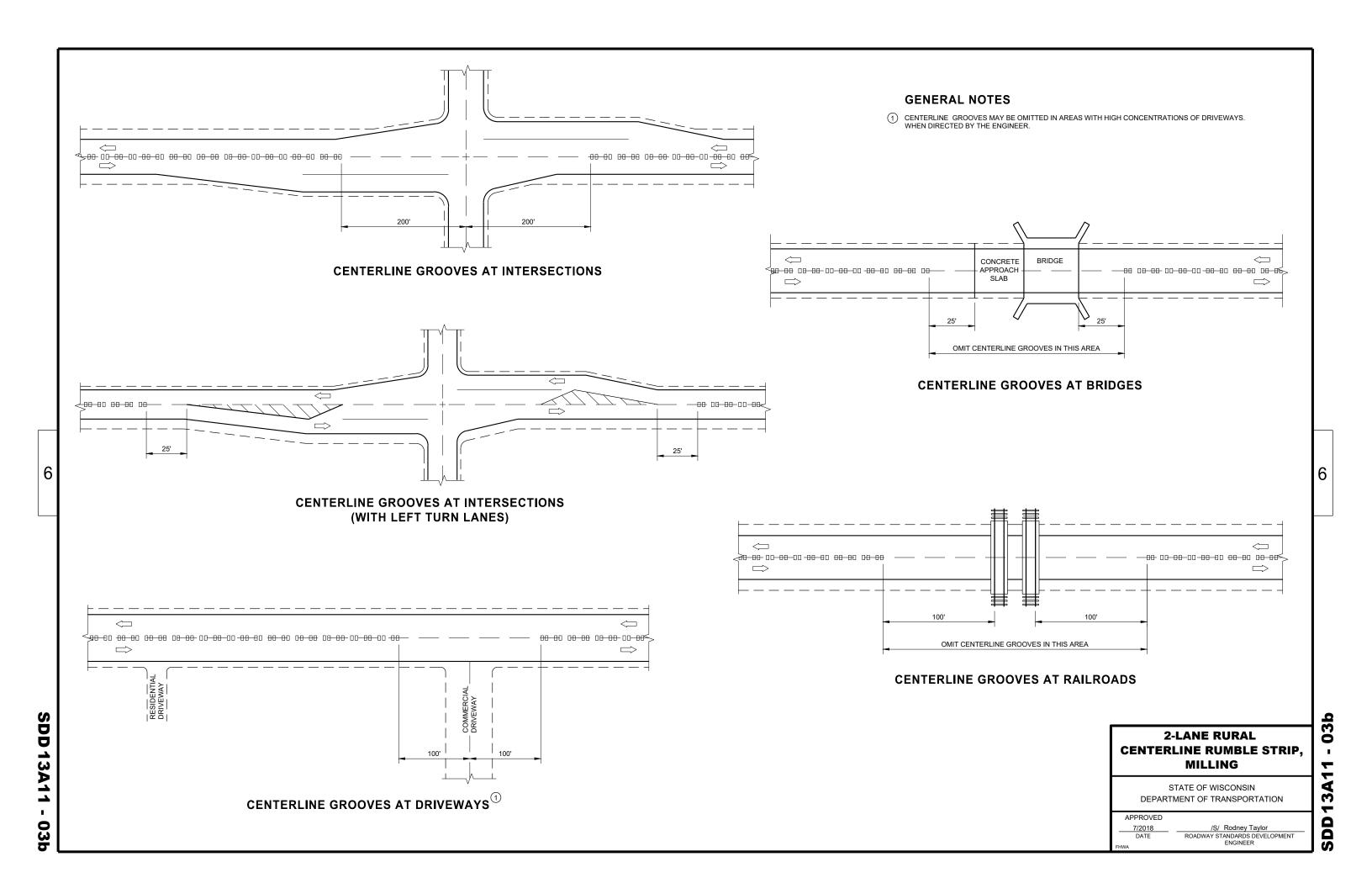
09A01-13A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
13A11-03A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-03B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-20A	LONGI TUDI NAL MARKI NG (MAI NLI NE)
15C12-07	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-06A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D45-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL

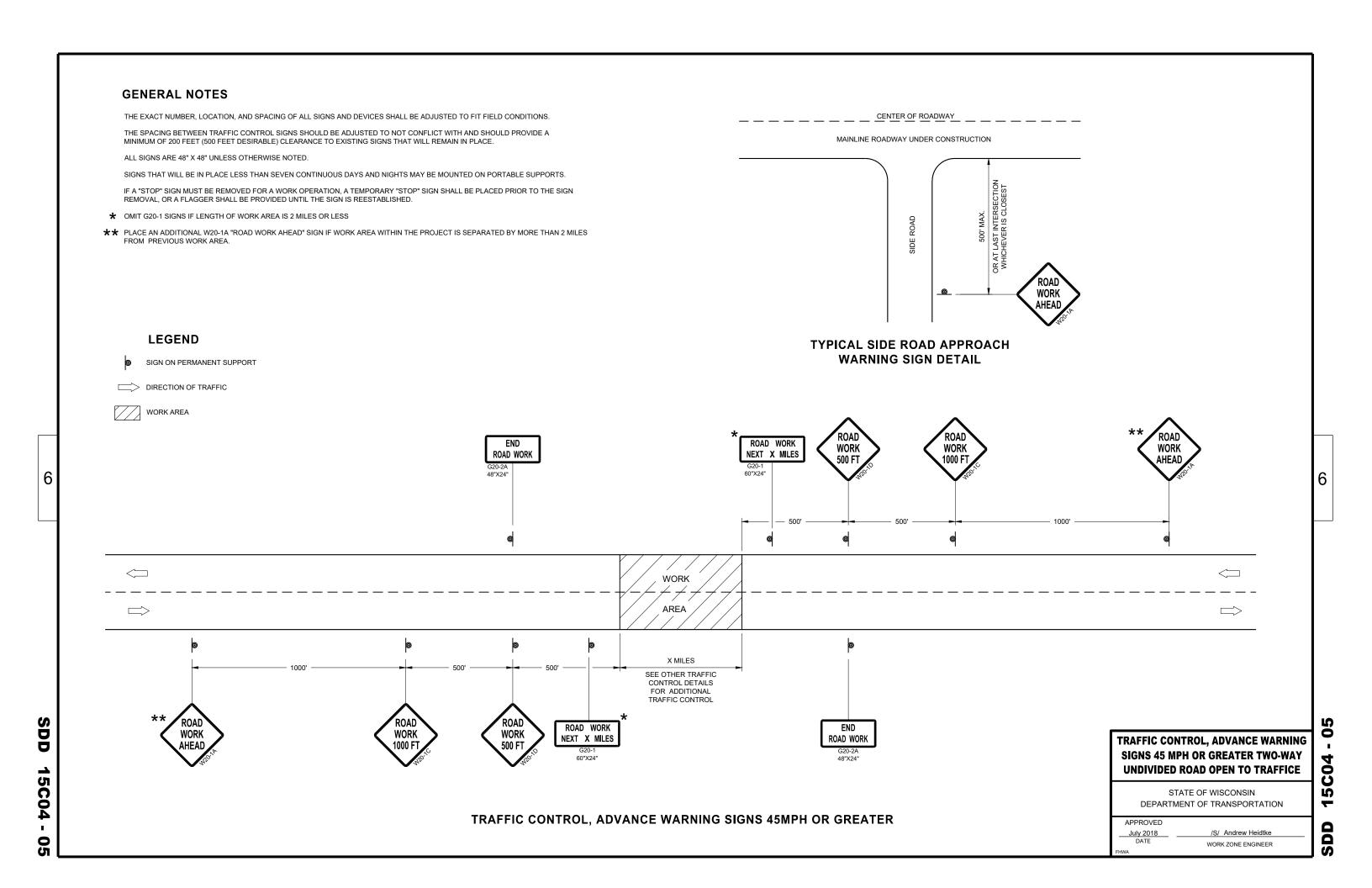
6

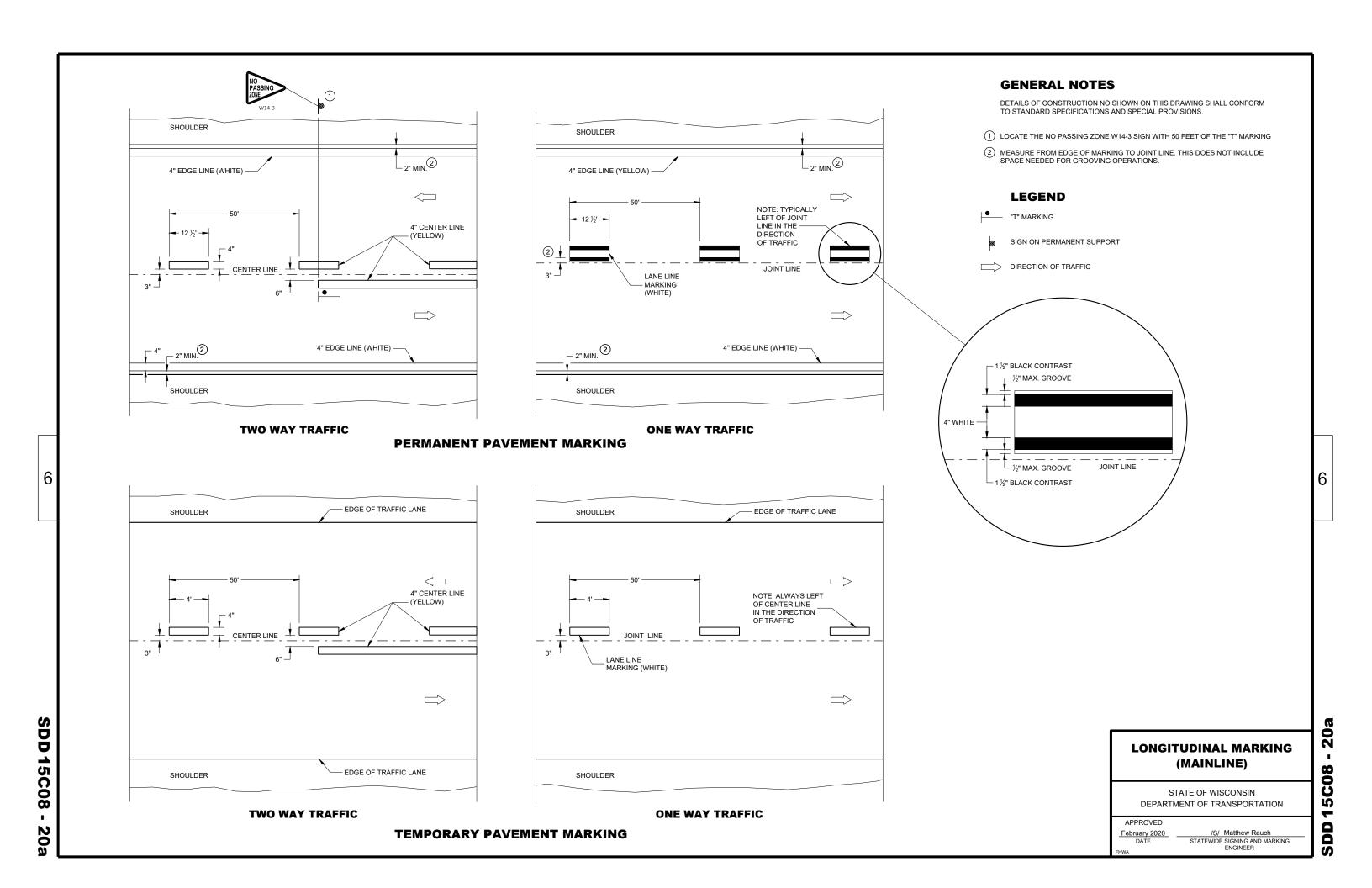




SDD







RUMBLE

STRIPS

ROAD

WORK

GENERAL NOTES FLAGGING LEGEND FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE SIGN ON PORTABLE OR PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PERMANENT SUPPORT PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING. UNIFORM TRAFFIC CONTROL DEVICES. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING TEMPORARY PORTABLE RUMBLE WORK OPERATION OR AS APPROVED BY THE ENGINEER. STRIP ARRAY "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE. SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE DIRECTION OF TRAFFIC ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER. WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED. THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP WORK AREA **TEMPORARY PORTABLE RUMBLE STRIPS** WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS. TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER. FLAGGER, EQUIPPED WITH STOP/SLOW EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S PADDLE FASTENED ON SUPPORT STAFF RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN. ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FOR THE APPROVED PRODUCTS LIST. INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS. PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS. DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS. **SIGN AND TEMPORARY RUMBLE** STRIP ARRAY SPACING TABLE 5' MIN BE SPEED LIMIT SPACING "A" USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, PREPARED THIS SIGN SHALL BE LOCATED BETWEEN THE 25-30 MPH TO STOP W20-7A AND W20-4A SIGNS, USING SPACING "A" 35-40 MPH STOP/SLOW PADDLE ŔUMBLĖ 45-55 MPH 500' WO3-4 WORK **ON SUPPORT STAFF** ROAD STRIPS 1 VARIABLE DISTANCE - 200' - 300' (TYP.) END ROAD WORK |||3 WORK AREA A/2 END ROAD WORK 200' - 300' (TYP.) VARIABLE DISTANCE

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

FLAGGING OPERATION STATE OF WISCONSIN

TRAFFIC CONTROL FOR

LANE CLOSURE WITH

2

S

DEPARTMENT OF TRANSPORTATION

APPROVED May 2019 DATE WORK ZONE ENGINEER

Ŏ 0 Ŋ

WORK ZONE ENGINEER

6



TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SO. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SO.FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE). SIGNS LARGER THAN 27 SO.FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

URBAN AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

WOOD POST **EMBEDMENT DEPTH**

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

POST SPACING REQUIREM	NUMBER OF		
L	E	WOOD POSTS REQUIRED	
48" OR LESS AND LESS THAN 20 SO.FT.	-	1	
LESS THAN 60"	12"	2	٤
60" TO 120"	L/5	2	
GREATER THAN 120" LESS THAN 168"	12"	3	
168" AND GREATER	12"	4	

SEE NOTE (3)

RURAL AREA

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

-11

D D 15 D ∞

6

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6

- 11/2" DIAMETER HOLES

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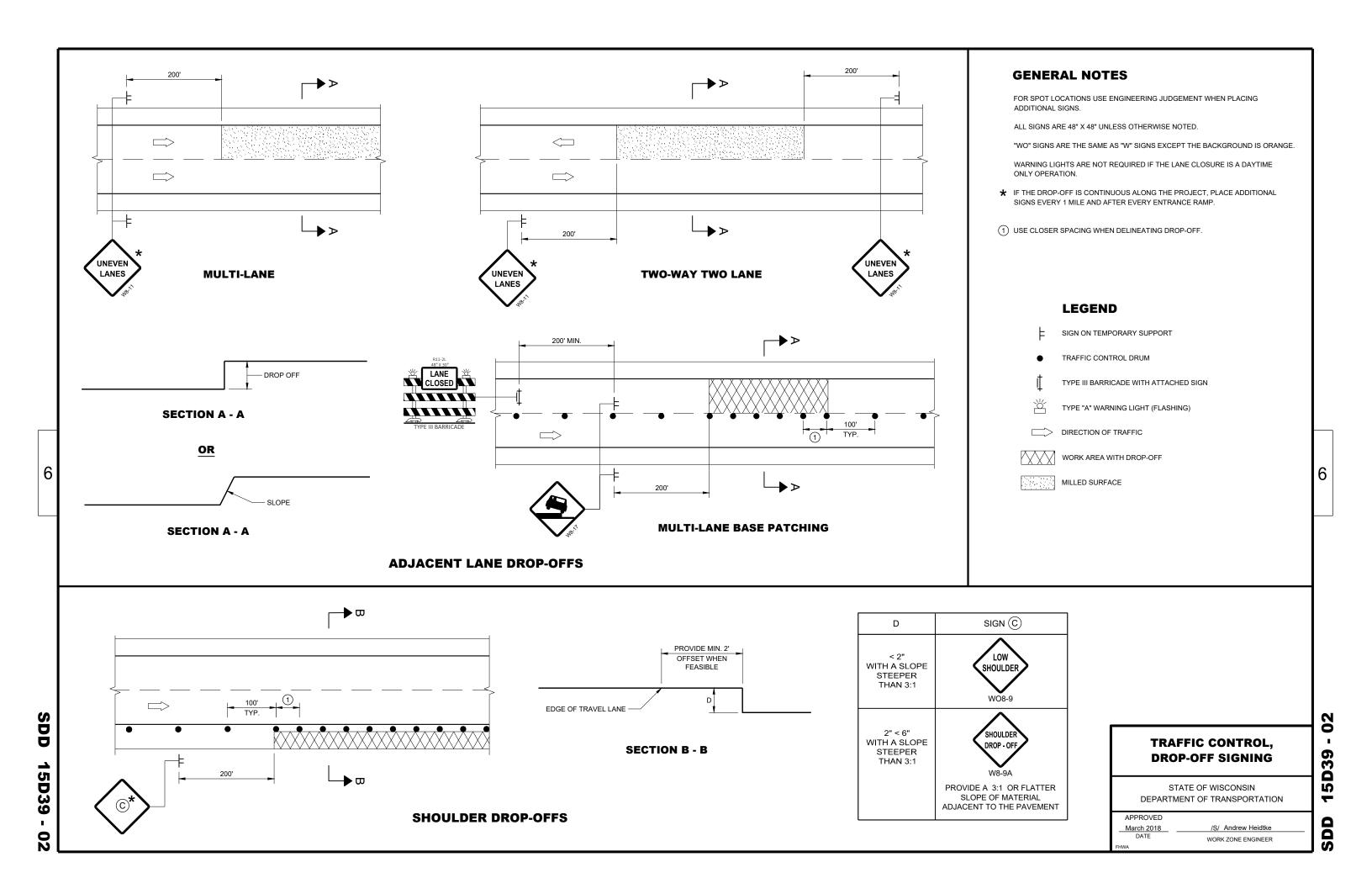
Ω

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

> /S/ Andrew Heidtke WORK ZONE ENGINEER

APPROVED

June 2017
DATE



DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

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

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

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

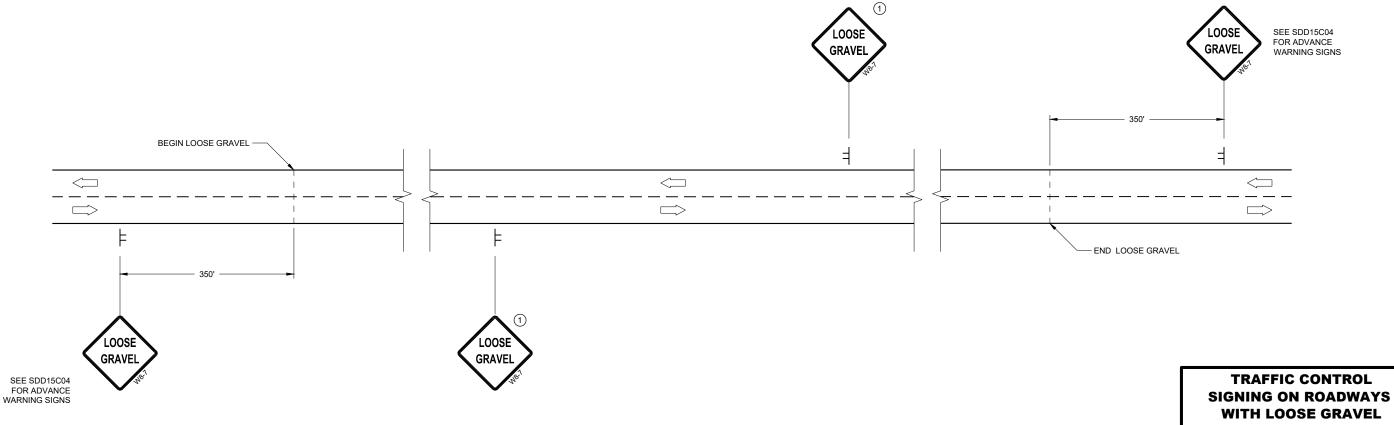
- (1) PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.
- (2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- □ DIRECTION OF TRAFFIC

 $\perp \!\!\! \perp$

TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON CHIP SEALED SURFACES

STATE OF WISCONSIN

0

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DEPARTMENT OF TRANSPORTATION

February 2020 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER

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

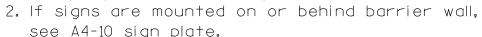
J33-1

PLOT BY: mscsja

PLATE NO. __A2-15.8

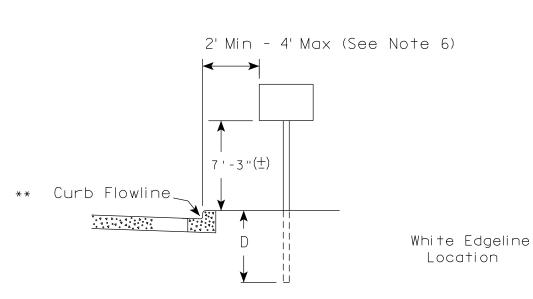
DATE 2/06/14

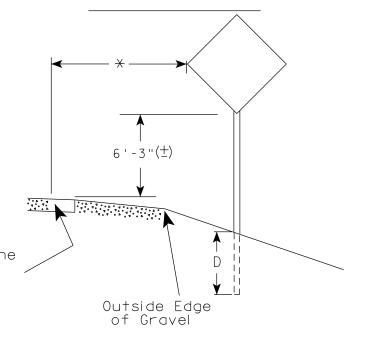
SHEET NO:



The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52). Mile Markers (D10 series). In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3'' ($\frac{+}{-}$).

- 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 signs mounted on traffic signal poles is $5' - 3'' \stackrel{(\pm)}{-}$.
- 5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 6. The (+) tolerance for mounting height is 3 inches.
- 7. Folding signs shall be mounted at a height of 5'-3'' (\pm) or as directd by the Engineer.





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

5'-3"(士) White Edgeline $D \parallel$ Location Outside Edge of Gravel

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

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

HWY:

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

POST EMBEDMENT DEPTH

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

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED For State Traffic Engineer

DATE 5/13/2020 PLATE NO. __A4-3.22

SHEET NO:

Ε

PROJECT NO: FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A43.dgn COUNTY:

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: \$\$.....plo†scale.....\$\$ WISDOT/CADDS SHEET 42

PLOT DATE: 13-MAY 2020 1:04



NOTES: 1. ALL MATERIAL TO BE APPROVED

BY ENGINEER PRIOR TO INSTALLATION

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



ELEVATION VIEW

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



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

HWY:



PLAN VIEW

COUNTY:

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

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

SHEET NO:

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

PROJECT NO:

PLOT DATE: 27-JAN-2014 09:48

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

APPROVED

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. J-Assemblies are considered to be one sign for mounting height.
- 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'' (\pm) 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.

POST EMBEDMENT DEPTH

D
(Min)
4'
5'

WISCONSIN DEPT OF TRANSPORTATION APPROVED For State Traffic Engineer DATE 8/21/17 PLATE NO. <u>A4-4.15</u>





	SIGN SHAPE OTHER THAN (TWO POSTS REQUIRE)		
	L	E	
***	Greater than 48" Less than 60"	12"	
	60" to 108"	L/5	

HWY:

SIGN SHAPE OTHER THAN (THREE POSTS REQUIR	
L	E
Greater than 108" to 144"	12''

COUNTY:

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

PROJECT NO:

PLOT DATE: 21-AUG-2017 15:54

PLOT SCALE: 108.188297:1.000000

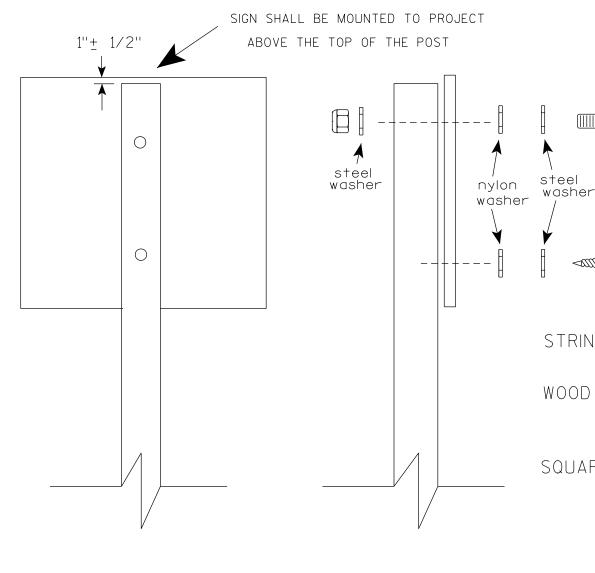
WISDOT/CADDS SHEET 42

OF TYPE II SIGNS ON MULTIPLE POSTS

TYPICAL INSTALLATION

SHEET NO:

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



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either:

- a. Hot dip galvanized in accordance with ASTM Designation: A 153. Class D. or SC 3
- b. Electro-galvanized in accordance with ASTM Designation: B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - $\frac{5}{16}$ " X 1-3/4" Length w/ lock nuts

WOOD POSTS $(4'' \times 6'')$

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN) 3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN) 3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 3/32 " (6605-9-6) BULB-TITE. TRI-FOLD. ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ " STEEL 1-1/4" O.D. X $\frac{3}{8}$ " I.D. X .080 NYLON

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

APPROVED

DATE 4/1/2020

PLATE NO. <u>A4-8.9</u>

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN

PROJECT NO:

PLOT DATE: 01-APRIL-2020

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

Ε

WISCONSIN DEPT OF TRANSPORTATION

Matther ≠or State Traffic Engineer

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



BANDING



SINGLE SIGN





WASHER PLACEMENT



HWY:

WASHERS (ALL POSTS) -

1-1/4" O.D. X³/₈" I.D. X¹/₁₆" STEEL 1-1/4" O.D. $\times \frac{3}{8}$ " I.D. \times .080 NYLON FOR ALL TYPE H SIGNS

CHANNEL

GENERAL NOTES

- 1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
- 2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
- 3. Banding and assembly bracket shall be stainless steel. All bands shall be $\frac{3}{4}$ " in width and 0.025" thickness.
- 4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
 - a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
 - b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

DATE 6/10/19

PLATE NO. A5-9.4

Ε

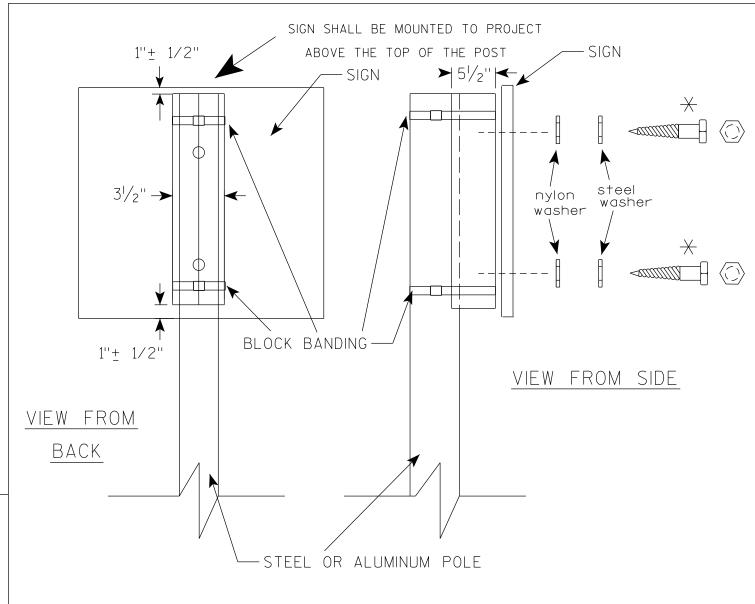
State Traffic Engineer

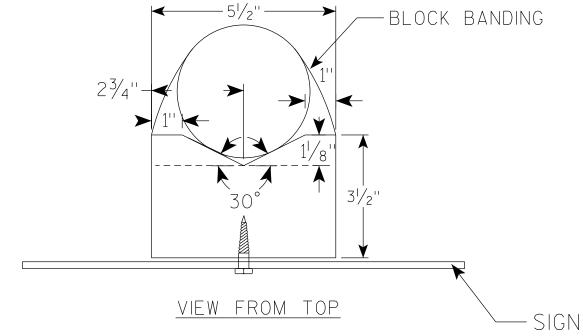
COUNTY:

PLOT NAME :

PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

PROJECT NO:





GENERAL NOTES

- 1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WISDOT STANDARD SPECIFICATIONS
- 2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, $\frac{3}{4}$ " WIDTH AND 0.025" THICKNESS
- 3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS.

 SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
- 4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
- 5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
 - a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
 - b. Electro-galvanized in accordance with ASTM Designation: B 633, TYPE III, SC 3
- 6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
- 7. STEEL WASHERS SHALL BE $1\frac{1}{4}$ " O.D. X $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ "
- 8. NYLON WASHERS SHALL BE $1^{1}/_{4}$ " O.D. X $\frac{3}{8}$ " I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

 \rightarrow LAG BOLTS SHALL BE $\frac{3}{8}$ " X $2\frac{1}{2}$ "

BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

Matthew R

APPROVED

For State Traffic Engineer

SHEET NO:

DATE <u>6/10/19</u>

PLATE NO. <u>A5-10.2</u>

PROJECT NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A510.dgn

PLOT DATE: 10-JUN 2019 4:15

PLOT BY : mscj9h



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

2. Color:

Background - Green Message - White - Type H Reflective

- 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.

Ε →

Metric equivalent for this sign is:

PROJECT NO:

SIZE					
1					
2	600	mm	Χ	450	mm
3					
4					
5					

SIZE	Α	В	С	D	E	F	G	Ι	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Υ	Z	Area sq. ft.	Area m2
1																												
2	24	18	1 1/2		1/2	75/8	2 1/2	4 1/4	1 1/4	4 %	2 3/8	3	5 1/4	1 1/2	3 1/4	5 ½	5 %		6 %								3.0	. 28
3																												
4																												
5																												

STANDARD SIGN

D11-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 1/16/02

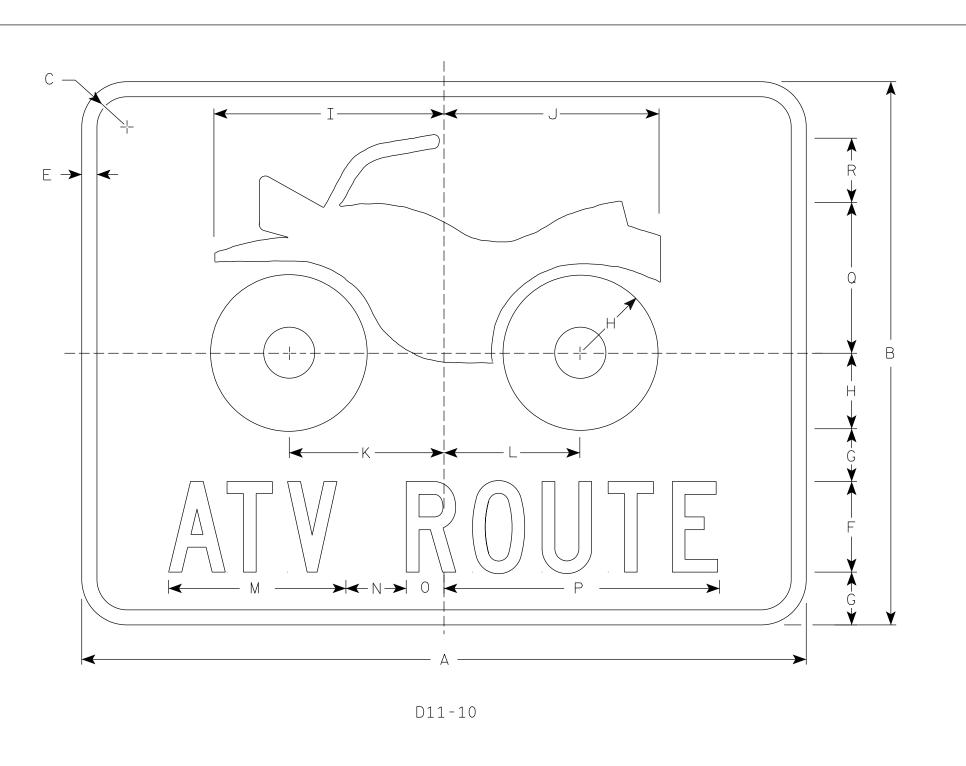
SHEET NO:

FILE NAME : C:\Users\Projects\tr_stdplate\D118.DGN

PLOT DATE: 28-SEP-2005 09:37

PLOT BY : DOTDZK

PLATE NO. D11-8.2



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

Background - Green Message - White

3. Message Series - C

1			T			1		1										1	T			1	1				1-00
SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1																											
2	24	18	1 1/8		1/2	3	1 3/4	2 1/2	7 5/8	7 1/8	5 1/8	5 1/2	5 %	2	1 1/4	9 1/8	5	2 1/8									3.0
3																											
4																											
5																											

STANDARD SIGN D11-10

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer
DATE 3/25/19 PLATE NO. D11-10.5

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\D1110.DGN

PROJECT NO:

PLOT DATE: 25-MAR-2019

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

Ε

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

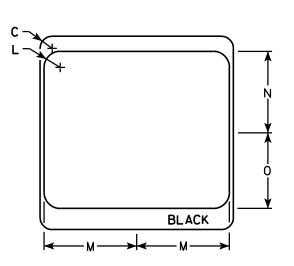
Background - White & Black - See Note 7 Message - Black

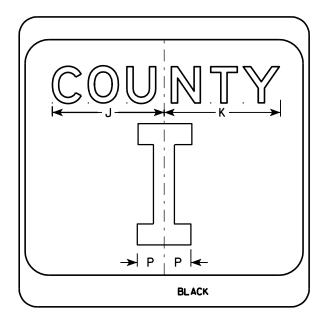
- 3. Message Series see Note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Message Series E for 1 letter.

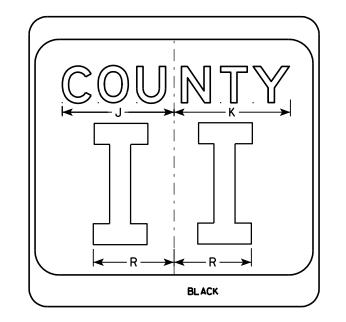
 Message Series D for 2 letters unless
 message is too big then Series C.

 Message Series C for 3 letters unless
 message is too big then Series B.
- 6. Substitute appropriate letters & optically center to achieve proper balance.
- 7. Permanent Signs

Background - Type H Reflective Detour or temporary Signs Background - Reflective







PLOT NAME :

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	V	W	Х	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 %									4.0
3	36		2 1/4			16	4	7 %	5 %	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 %	5 %	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 %		10									9.0
5	36		2 1/4			16	4	7 5/8	5 %	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
DDO	IECT	NO.					111	/V.					COUN	TV.													
FRU	JECT	NO.					HV	V I .						I I .					I								

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

PROVED

Matthew Rauch

Forstate Traffic Engineer

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

DATE 9/27/11

SHEET NO:

BLACK

M1-5A

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

2. Color:

Background - Brown

Message - White - Type H Reflective

- 3. Message Series B
- 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.

G → N ←0→P||P|←0→ N ← Ι $\overline{\uparrow}$ J J M1 - 86

7

Metric equivalent for this sign is:

SIZE					
1					
2	450	mm	Х	900	mm
3					
4					
5					

PROJECT NO:

SIZE С Area sq. ft. Α В D Ε G 2 1 1/8 3/8 13 3/4 2 1/2 1 5/8 7 1/4 4 3/8 | 1 3/4 | 2 5/8 1/4 3/4 5 1/8 2 1/8 4.5 18 36 4 2 .41 3 4

STANDARD SIGN M1-86

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

for

DATE 1/30/02

O2 PLATE NO. M1-86.3

HWY:

COUNTY:

PLOT DATE: 13-OCT-2005 15:31 PLOT BY: DITJPH

PLOT NAME :

PLOT SCALE : 5.960833:1.000000

$D \rightarrow \leftarrow$

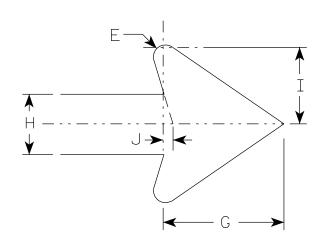
M1-88A

NOTES

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

Background - Brown Message - White - Type H Reflective

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.



Metric equivalent for this sign is:

SIZE					
1					
2	300	mm	X	300	mm
3					
4					
5					

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	Х	Y	Z .	Area q. ft.	Area m2
1																												
2	12		1 1/8				3 3/4	1 %	2 3/8	5/16																	1.0	.09
3																												
4																												
5																												

STANDARD SIGN M1-88A

WISCONSIN DEPT OF TRANSPORTATION

DATE 1/30/02

PLATE NO. M1-88A.2

SHEET NO:

PLOT NAME :

- 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

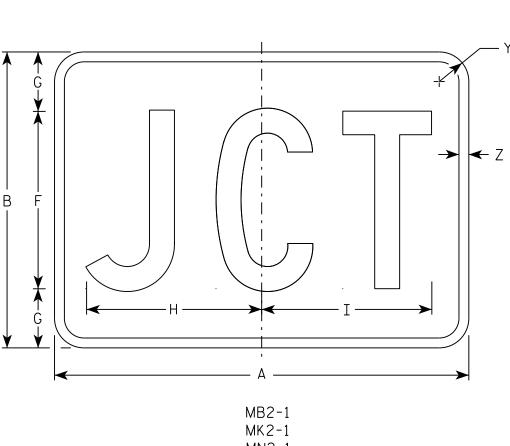
Message - White

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	J	V	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:

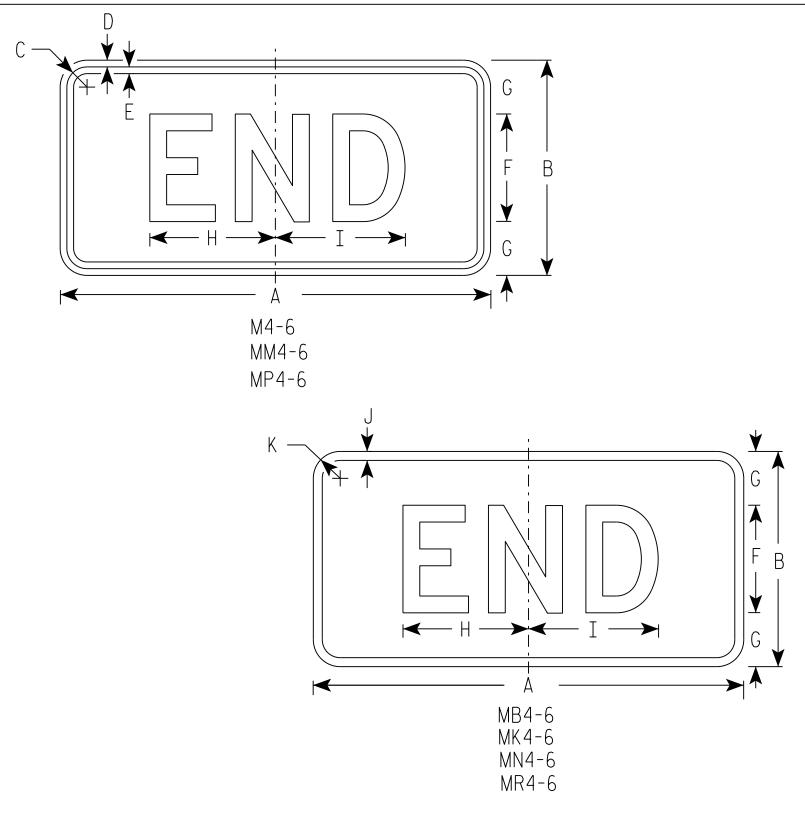
MM2-1

MP2-1

PLOT DATE . 01-DEC-2015 17:54

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

PLOT SCALE • 4 864603•1 000000



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

Background - See note 5 Message - See note 5

- 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.
- 5. M4-6 Background White

Message - Black

MB4-6 Background - Blue

Message - White

MK4-6 Background - Green

Message - White

MM4-6 Background - White

Message - Green

MN4-6 Background - Brown

Message - White

MP4-6 Background - White

Message - Blue

MR4-6 Background - Brown

Message - Yellow

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	٥	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	7	7 1/4	1/2	1 1/2																2.00
3	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 1/8	1/2	1 1/2																4.5
4	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 1/8	1/2	1 1/2																4.5
5	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 1/8	1/2	1 1/2																4.5

STANDARD SIGN M4 - 6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther & Kaus For State Traffic Engineer

DATE 10/15/15 PLATE NO. M4-7.9

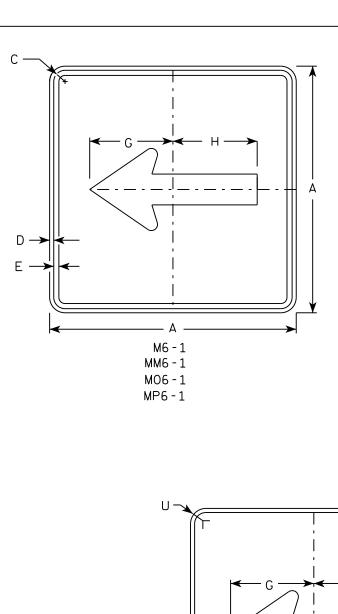
SHEET NO:

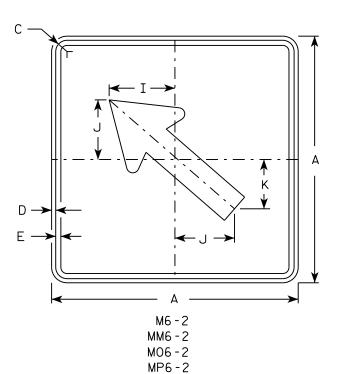
FILE NAME . C.\CAFfiles\Projects\tr stdblote\M46 DGN

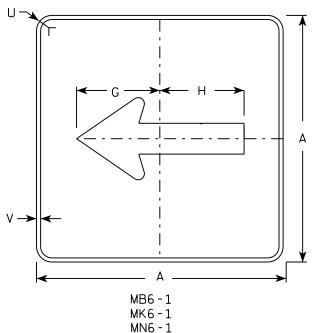
PLOT DATE . 01-DEC-2015 17.55

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

PLOT SCALE . 5 351066.1 000000

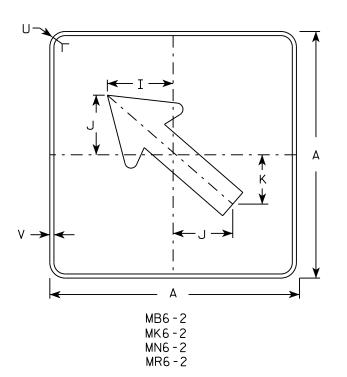






MR6-1

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

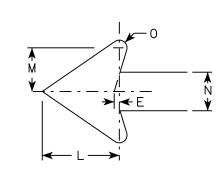
Message - Black

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 1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 %	5	4 1/4	5 1/4	3	2 %	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 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:

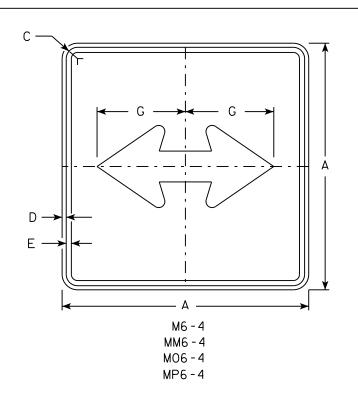
FILE NAME · C·\CAFfiles\Projects\tr stdblote\M61 DCN

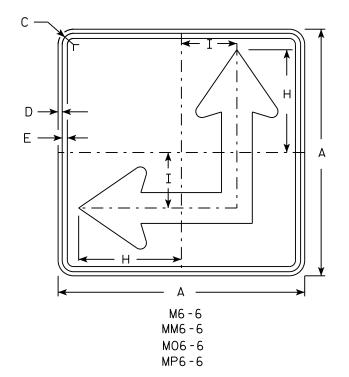
PROJECT NO:

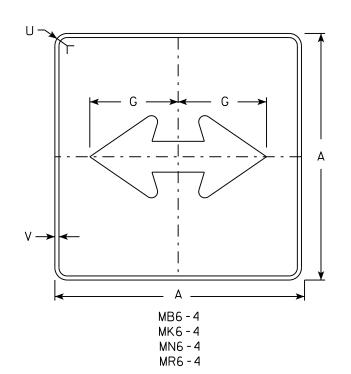
PLOT DATE . 01-DEC-2015 17:57

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

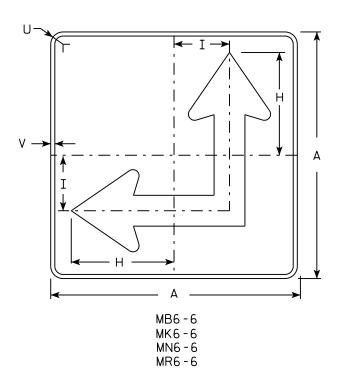
PLOT SCALE . 11 675051.1 000000







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

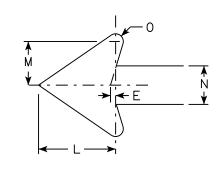
MP6-4 and MP6-6 Background - White

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 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25
																											==

COUNTY:

STANDARD SIGN M6-4 & M6-6 SERIES

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

DATE 10/15/15

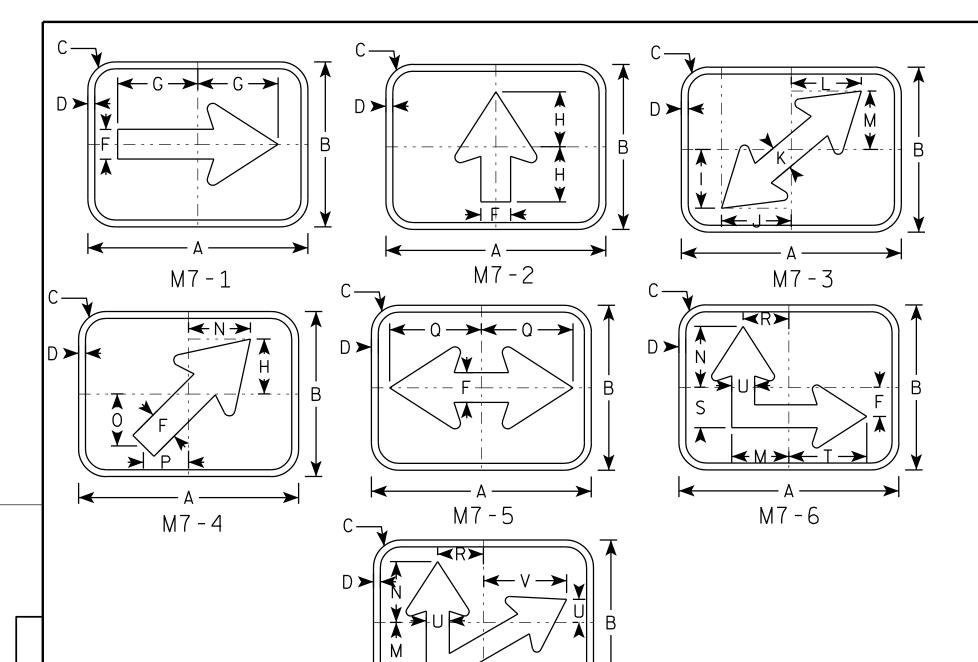
PLATE NO. M6-4.10 Ε

PLOT DATE . 01-DEC-2015 17.58

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

PLOT SCALE . 11 675051.1 000000

PROJECT NO:



M7 - 7

HWY:

NOTES

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

Background - Green Message -White

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	K	L	М	N	0	Р	0	R	S	T	U	V	₩	Х	Y	Z	Area sq. ft.
1																											
2	12	9	11/2	3/8		1 5/8	4 3/8	3	3 1/4	3 ¾	1 3/8	3 %	3 1/8	3 3/8	2 1/8	2 1/2	5	2 1/2	2 1/4	4 1/4	1 1/4	4 1/2					.75
3																											
4																											
5																											
						1						1					ı	1				1		1		l	·

COUNTY:

STANDARD SIGN M7 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVE

For State Traffic Engineer

DATE 05/04/10 PLATE NO. M7-1.1

SHEET NO:

PLOT DATE: 28-MAY-2010 08:14

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE: 5.237442:1.000000

WISDOT/CADDS SHEET 42

PROJECT NO:

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

Background - See note 4 Message - See note 4

- 3. Message Series Modified E
- 4. The sign will be color coded by numerical designation Numeral *1 Brown

2 White

3 Yellow

Exact color descriptions will be furnished upon request.

$E \longrightarrow \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	-

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/8		1/2	3	2	3	1 1/2		1 3/8		8 1/8	11 1/4	2 1/8	16 1/4											4.0
3	36		1 5/8		3/4	4 1/2	3	4 1/2	2 1/4		2		12 1/8	17 1/4	4 3/8	24 1/2											9.0
4	36		1 5/8		3/4	4 1/2	3	4 1/2	2 1/4		2		12 1/8	17 1/4	4 3/8	24 1/2											9.0
5																											

COUNTY:

STANDARD SIGN MR1-99

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew

DATE 4/8/2020 PLATE NO. MR1-99.6

For State Traffic Engineer

SHEET NO:

FILE NAME: C:\CAEfiles\Projects\tr_stdplate\MR199.dgn

HWY:

PROJECT NO:

PLOT DATE: 8-APRIL-2020

PLOT BY : dotc4c

PLOT NAME :

PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

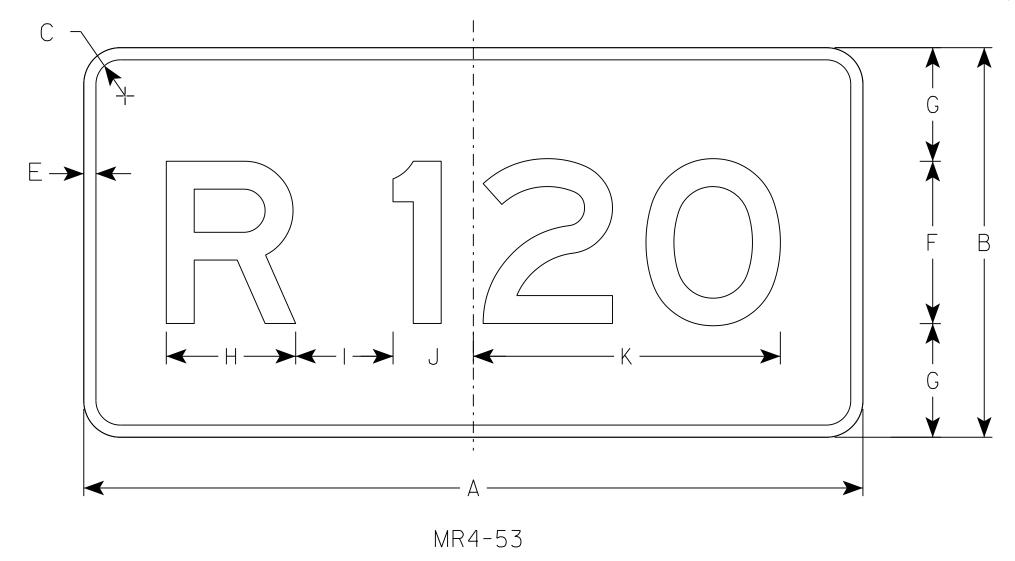


- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - Brown

Message - Yellow

- 3. Message Series E
- 4. Substitute appropriate numeral and optically center



SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	T	U	٧	w	Х	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8		3/8	5	3 1/2	4	3	2 1/2	9 1/2																2.0
3																											
4																											
5																											
PRO	JECT	NO:		<u> </u>		·	Н	WY:	·		·		COU	NTY:	·		·	·							·		· ·

STANDARD SIGN MR4-53

WISCONSIN DEPT OF TRANSPORTATION APPROVED

For State Traffic Engineer DATE 3/20/18 PLATE NO. MR4-53.2

SHEET NO:



- 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

*								— А — ;											A	
									H			- G -							F	A
		E						 	-1			_//								*
D	E	F	G	н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	V	W	Х

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

COUNTY:

STANDARD SIGN R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE <u>11/12/15</u>

PLATE NO. _____R1-1.13

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R11.DGN

HWY:

PROJECT NO:

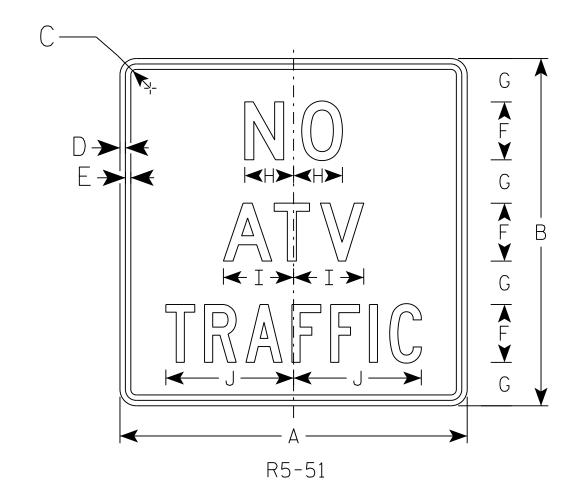
PLOT DATE: 22-AUG-2017 07:19

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

PLOT SCALE: 4.427909:1.000000

- 1. Sign is Type II Type H Reflective
- 2. Color: Background White Message Black
- 3. Message Series Line 1 and 2 Series D

Line 3 Series C



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	۵	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1																											
2S	24	24	1 1/8	3/8	3/8	4	3	3 %	4 1/8	8 1/8																	4.0
2M	24	24	1 1/8	3/8	3/8	4	3	3 %	4 1/8	8 1/8																	4.0
3																											
4																											
5																											
PRO	DJECT	NO:				•		HWY:			•			COUN	TY:	•	•					•					

STANDARD SIGN R5-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE <u>5/16/18</u> PLATE NO. <u>R5-51.1</u>

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R551.DGN

PLOT DATE: 16-MAY-2018 11:41

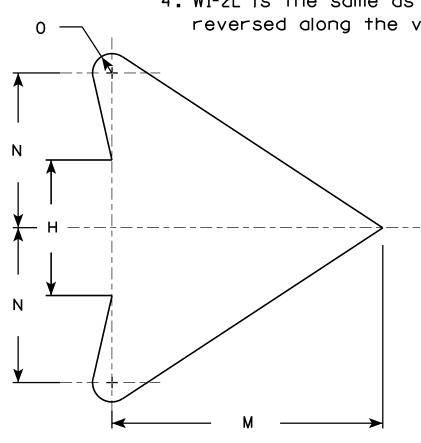
PLOT BY: \$\$...plotuser...\$\$ PLOT NAME:

PLOT SCALE : 6.633124:1.000000

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

Background - Yellow Message - Black

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



ARROW	DETAIL

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

COUNTY:

STANDARD SIGN W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rawh

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

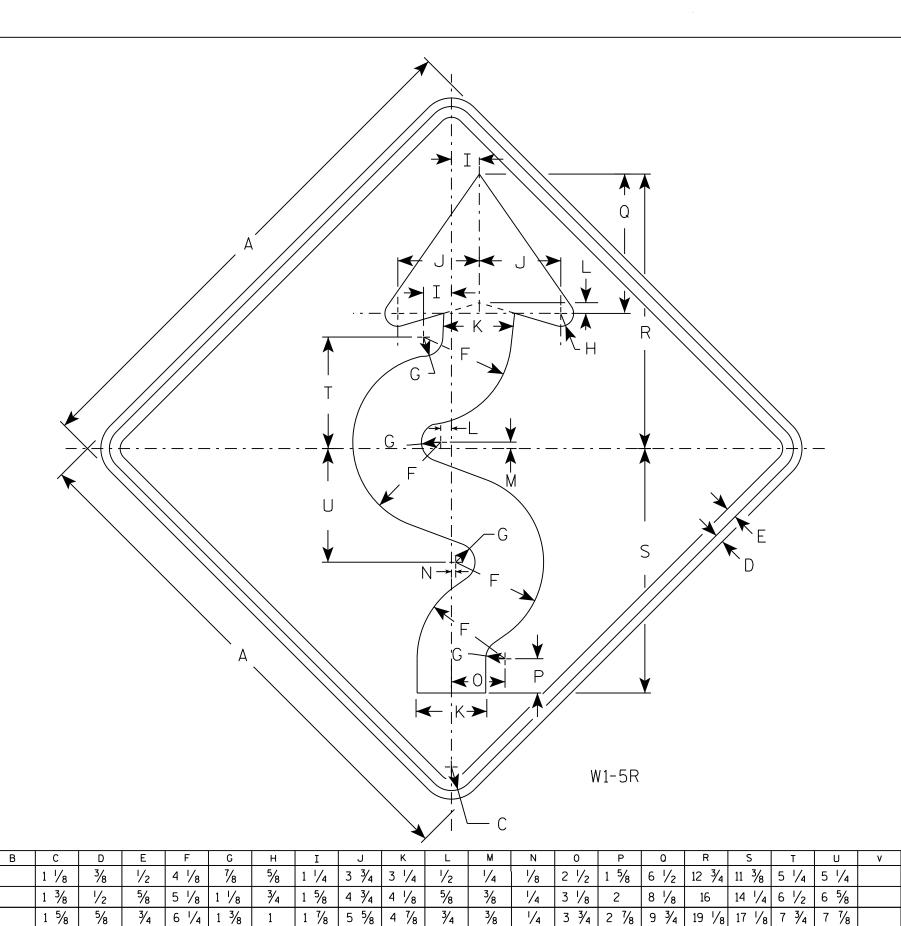
PLATE NO. W1-2.10

SHEET NO:

PROJECT NO:

← H →

HWY:



- 1. Sign is Type II Type F Reflective
- 2. Color:

Background - Yellow Message - Black

- 3. W1-5L is the same as W1-5R except the arrow is reversed along the vertical centerline.
- 4. If used with W13-1 of 30 MPH or less, use 36" sign for Size 2S.

4.0

6.25

9.0

9.0

9.0

16.0

W1 - 5

WISCONSIN DEPT OF TRANSPORTATION

STANDARD SIGN

APPROVED

DATE <u>8/1/16</u>

PLATE NO. <u>W1-5.9</u>

PROJECT NO: FILE NAME . C.\CAFfiles\Projects\tr stdolote\W15 DCN

1 %

1 5/8

2 1/4

3/4

6 1/4

6 1/4

8 1/4

1 3/8

1 3/4

1 1/4

HWY:

5 %

5 %

2 1/2 7 1/2 6 1/2

4 1/8

3/4

SIZE A

24

30

36

36

36

48

COUNTY:

3 3/4

3 3/4

2 1/8

2 1/8

3/8

1/2

PLOT DATE . 01-410-2016 09:34

| 19 1/8 | 17 1/8 | 7 3/4 | 7 3/8

25 1/2 22 3/4 10 3/8 10 1/2

19 1/8 17 1/8 7 3/4

9 3/4

9 3/4

PINT RY . \$\$ DIOTUSER \$\$ PINT NAMF :

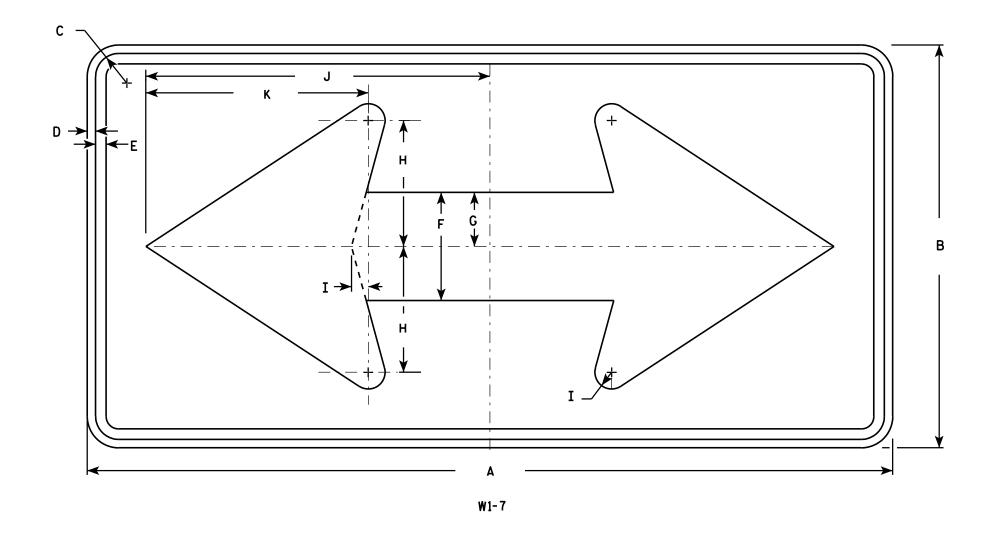
PLOT SCALE . 5 594294.1 000000

SHEET NO:

- 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	Е	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	-	٧	W	Х	Y	Z	Area sq. ft.
1	36	18	1 1/8	3⁄8	1/2	5	2 1/2	5 ¾	₹4	15 %	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	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 ¾	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 Raw

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

- 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.

A F	G ↑ H → D D D D D D D D D D D D D D D D D D

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	₩	Х	Y	Z	Areo sq. fi.
1	24		1 1/8	3∕8	1/2	20	2	4	10	8																	4.0
25	30		1 3/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25
2M	30		1 3/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25
3	36		1 %	5/8	3/4	30	3	6	15	12																	9.0
4	48		2 1/4	3/4	1	40	4	8	20	16																	16.0
5																											

COUNTY:

STANDARD SIGN W2-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rauch For State Traffic Engineer

DATE 5/29/12

PLATE NO. <u>W2-2.6</u>

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W22.DGN

PROJECT NO:

HWY:

PLOT DATE: 29-MAY-2012 10:18

PLOT BY: mscsja

PLOT NAME :

PLOT SCALE: 6.202372:1.000000

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

2. Color:

Background - Yellow Message - Black

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

		A				E			
			,	W11-6					
С	D F F	в н	г ЈЈ К	L M	N O	P 0	R	S	T U

SIZE A 3/8 9 1/2 4 1/2 10 1/4 1 1/8 24 4.0 25 11 1/2 5 5/8 12 3/4 1 3/8 1/2 5/8 6.25 30 2M 1 3/8 1/2 11 1/2 5 5/8 12 3/4 30 6.25 3 1 1/8 5/8 3/4 14 1/8 6 3/4 15 1/4 9.0 36 4 3/4 48 2 1/4 19 9 20 1/2 16.0 5

COUNTY:

STANDARD SIGN W11-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matther R Rauch ∱er State Traffic Engineer DATE 3/13/13 PLATE NO. W11-6.8

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W116.DGN

HWY:

PROJECT NO:

PLOT DATE: 13-MAR-2013 12:57

PLOT NAME :

PLOT BY: mscj9h

PLOT SCALE : 5.954276:1.000000

WISDOT/CADDS SHEET 42

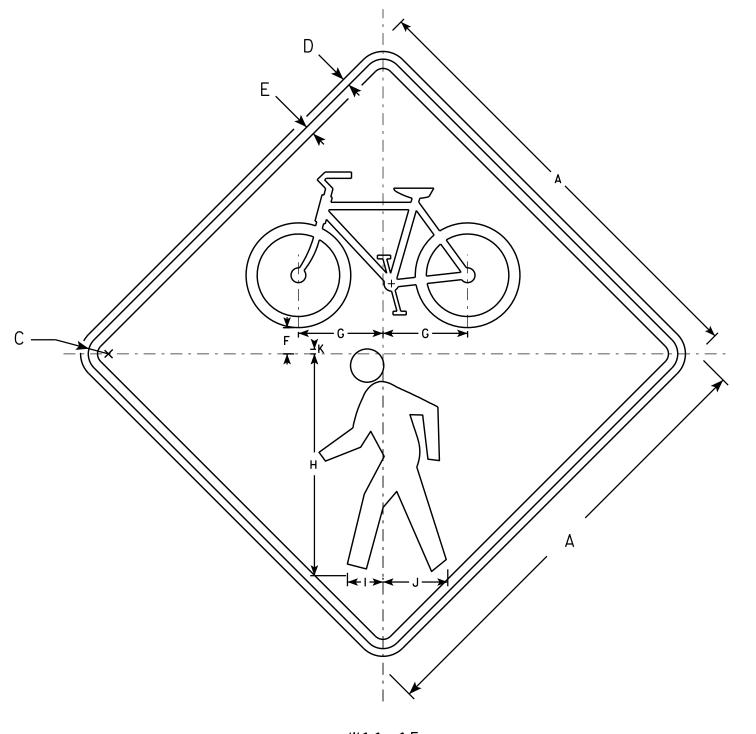
Ε

<u>NOTES</u>

- 1. Sign is Type II Type F Reflective
- 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.



W11-15

SIZE	Α	В	С	D	E	F	G	н	I	J	K	L	M	N	0	P	0	R	S	T	J	٧	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	1 3/8	4 %	12	1 1/8	3 1/2	1/4																4.0
2S	30		1 3/8	1/2	5/8	1 3/4	5 3/4	15	2 3/8	4 3/8	3/8																6.25
2M	36		1 %	5/8	3/4	2 1/8	6 %	18	2 1/8	5 1/4	3/8																9.0
3	36		1 1/8	5/8	3/4	2 1/8	6 %	18	2 1/8	5 1/4	3/8																16.0
4	48		2 1/4	3/4	1	2 1/8	9 1/8	24	3 %	7	1/2																16.0
5																											

COUNTY:

STANDARD SIGN W11-15

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

D Matthew R Rawh

Law State Traffic Engineer

DATE <u>2/13/14</u>

PLATE NO. W11-15.4
SHEET NO:

PROJECT NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W1115.DGN

HWY:

PLOT DATE: 13-FEB-2014 10:54

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 7.783368:1.000000

Notes



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov