

REFERENCE LINES SHOWN ON THE PLANS ARE APPROXIMATE IN RELATION TO EXISTING CENTERLINE. CONTRACTOR SHALL VERIFY THAT PLAN OFFSETS ARE ACCURATE IN RELATION

WHEN THE QUANTITY OF BASE AGGREGATE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

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

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

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE 4-INCH SALVAGED TOPSOIL, FERTILIZED AND SEEDED.

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

WHEN PORTION OF EXISTING ASPHALTIC SURFACES ARE TO BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION, THE LINE OF SUCH REMOVAL SHALL BE NEATLY DELINEATED WITH A SAW CUT JOINT THOUGH THE ASPHALTIC SURFACE SO THAT REMOVAL OF THE ASPHALT SHALL BE ACCOMPLISHED WITHOUT DAMAGE TO REMAINING PORTION, THE LOCATION OF SAW JOINT AND THE AMOUNT REMOVED AT SIDE ROADS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER

BEARINGS SHOWN ON THE PLAN ARE REFERENCED TO THE EXISTING ROADWAY CENTERLINE AND ARE ASSUMED.

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

SHOULDER TAPER LOCATIONS SHALL MATCH EXISTING.

HMA PAVEMENT SHALL BE PLACED IN LIFTS AS FOLLOWS:

• 4": 2.25" LOWER LAYER (3 MT 58-28 S), 1.75" UPPER LAYER (4 MT 58-28 S)

A CONVERSION FACTOR OF 2.1 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE 3/4-INCH.

A CONVERSION FACTOR OF 112 LBS/IN/SY IS USED TO ESTIMATE QUANTITIES FOR HMA PAVEMENT.

APPLY TACK COAT AT A RATE OF 0.07 GAL/SY TO MILLED SURFACES AND 0.05 GAL/SY BETWEEN LAYERS OF HMA PAVEMENT

DESIGN CONTACTS

ATTENTION: JEREMY TOMESH 329 JAY STREET, SUITE 301 LA CROSSE, WI 54601 PHONE: 608.498.4947 EMAIL: JTOMESH@SEHINC.COM

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DNR SERVICE CENTER ATTENTION: KAREN KALVELAGE 3550 MORMON COULEE RD LA CROSSE WI 54601 PHONE: 608.785.9115 EMAIL: KAREN.KALVELAGE@WISCONSIN.GOV

Dial 811 or (800)242-8511 www.DiggersHotline.com

ALLIANT ENERGY - ELECTRICITY & GAS/PETROLEUM ATTENTION: TYLER DONOVAN 338 E STATE ST MAUSTON, WI 53948

PHONE: 608.847.1302 EMAIL: TYLERDONOVAN@ALLIANTENERGY.COM

CENTURYLINK - COMMUNICATION ATTENTION: BRIAN STELPLUGH 333 NORTH FRONT ST LA CROSSE, WI 54601 EMAIL: BRIAN.STELPLUGH@LUMEN.COM

FRONTIER COMMUNICATIONS OF WILLC -COMMUNICATION ATTENTION: JERRY MOORE 2222 WEST WISCONSIN ST PORTAGE, WI 53901 PHONE: 608.742.9507 EMAIL: JERALD.R.MOORE@FTR.COM

HILLSBORO TELEPHONE COMPANY INC. -COMMUNICATION ATTENTION: CHAD SCHMIDT 121 MILL ST, P.O. BOX 409 HILLSBORO, WI 54634 PHONE: 608.489.4415

EMAIL: CSCHMIDT@HILLSBOROTEL.COM LEMONWEIR VALLEY TELEPHONE COMPANY -COMMUNICATION ATTENTION: BEN GRILLEY 127 US HWY 12, P.O. BOX 267 CAMP DOUGLAS, WI 54618 PHONE: 608.427.6515

EMAIL: BEN.GRILLEY@GETLYNXX.COM

MADISON GAS AND ELECTRIC COMPANY -GAS/PETROLEUM ATTENTION: SHAUN ENDRES P.O. BOX 1231 MADISON, WI 53701-1231 PHONE: 608.252.7224 EMAIL: WORKPLANS@MGE.COM SKIP500@HOTMAIL.COM

MEDIACOM WISCONSIN LLC -COMMUNICATION ATTENTION: CRAIG EGGERT 1240 HIGHWAY 52 CHATFIFI D MN 55923 PHONE: 563.419.5160 EMAIL: CEGGERT@MEDIACOMCC.COM

NORTHERN NATURAL GAS COMPANY -GAS/PETROLEUM ATTENTION: SERGIO GONZALEZ 8101 BIRCHWOOD CT., SUITE F JOHNSTON, IA 50131 PHONE: 402.530.2026 EMAIL: SERGIO.GONZALEZ@NNGCO.COM

OAKDALE ELECTRIC COOPERATIVE -ELECTRICITY ATTENTION: MATT RIGGS P.O. BOX 128 OAKDALE, WI 54649-0128 PHONE: 608.372.4131 EMAIL: MRIGGS@OAKDALEREC.COM STANDARD ABBREVIATIONS:

ABUT	ABUTMENT	CWT	HUNDREDWEIGHT
AC	ACRE	HYD	HYDRANT
AGG	AGGREGATE	ID	INSIDE DIAMETER
AECPRC	APRON ENDWALL FOR CULVERT PIPE	INV	INVERT
	REINFORCED CONCRETE	IP	IRON PIPE OR PIN
AECPCS	APRON ENDWALL FOR CULVERT PIPE	i.HF	LEFT-HAND FORWARD
71201 00	CORRUGATED STEEL	1	LENGTH OF CURVE
ASPH	ASPHALTIC.	ĪF	LINEAR FOOT
AVG	AVERAGE	LC LC	LONG CHORD OF CURVE
ADT	AVERAGE DAILY TRAFFIC	LS	LUMP SUM
BF	BACK FACE	MH	MANHOLE
BM	BENCH MARK	MOR	MID POINT OF RADIUS
BR	BRIDGE	MCE	MARKERS CULVERT END
CE	COMMERCIAL ENTRANCE	NC	NORMAL CROWN
CL OR C/L OR	CENTER LINE	NO	NUMBER
Λ	CENTRAL ANGLE OR DELTA	OBLIT	OBLITERATE
CONC	CONCRETE	PAVT	PAVEMENT
CPRC	CULVERT PIPE REINFORCED CONCRETE	PE	PRIVATE ENTRANCE
CPCS	CULVERT PIPE CORRUGATED STEEL	PVRC	POINT OF VERTICAL REVERSE CURVE
CR	CREEK	QOR	QUARTER POINT OF RADIUS
CY	CUBIC YARD	R	RADIUS
C & G	CURB AND GUTTER	REQ'D	REQUIRED
D	DEGREE OF CURVE	RES	RESIDENCE OR RESIDENTIAL
DHV	DESIGN HOUR VOLUME	RHF	RIGHT-HAND FORWARD
DISCH	DISCHARGE	R/W	RIGHT-OF-WAY
DG	DITCH GRADE	R	RIVER
DWY	DRIVEWAY	RDWY	ROADWAY
X	EAST GRID COORDINATE	R/L OR ∼	REFERENCE LINE
FAT	STEEL PLATE BEAM GUARD	SALV	SALVAGED
L/ (I	ENERGY ABSORBING TERMINAL	SAN	SANITARY SEWER
EOR	END POINT OF RADIUS	SF	SQUARE FEET
FI	ELEVATION	SY	SQUARE YARD
FNT	ENTRANCE	SDD	STANDARD DETAIL DRAWINGS
ESALS	EQUIVALENT SINGLE AXLE LOADS	STA	STATION
EXC	EXCAVATION	SS	STORM SEWER
EBS	EXCAVATION BELOW SUBGRADE	SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
FXIST	FXISTING	SE	SUPERFLEVATION RATE
FC	FACE OF CURB	TC.	TOP OF CURB
FF	FACE TO FACE	T OR TN	TOWN
FERT	FERTILIZE	T	TRUCKS (PERCENT OF)
FE	FIELD ENTRANCE	TYP	TYPICAL
FL	FLOW LINE	VAR	VARIABLE
FO	FIBER OPTIC	VAN	VERTICAL CURVE
. 5	1.52.1.51.116	Y	NORTH GRID COORDINATE
		Y	NORTH GRID COORDINATE

YD

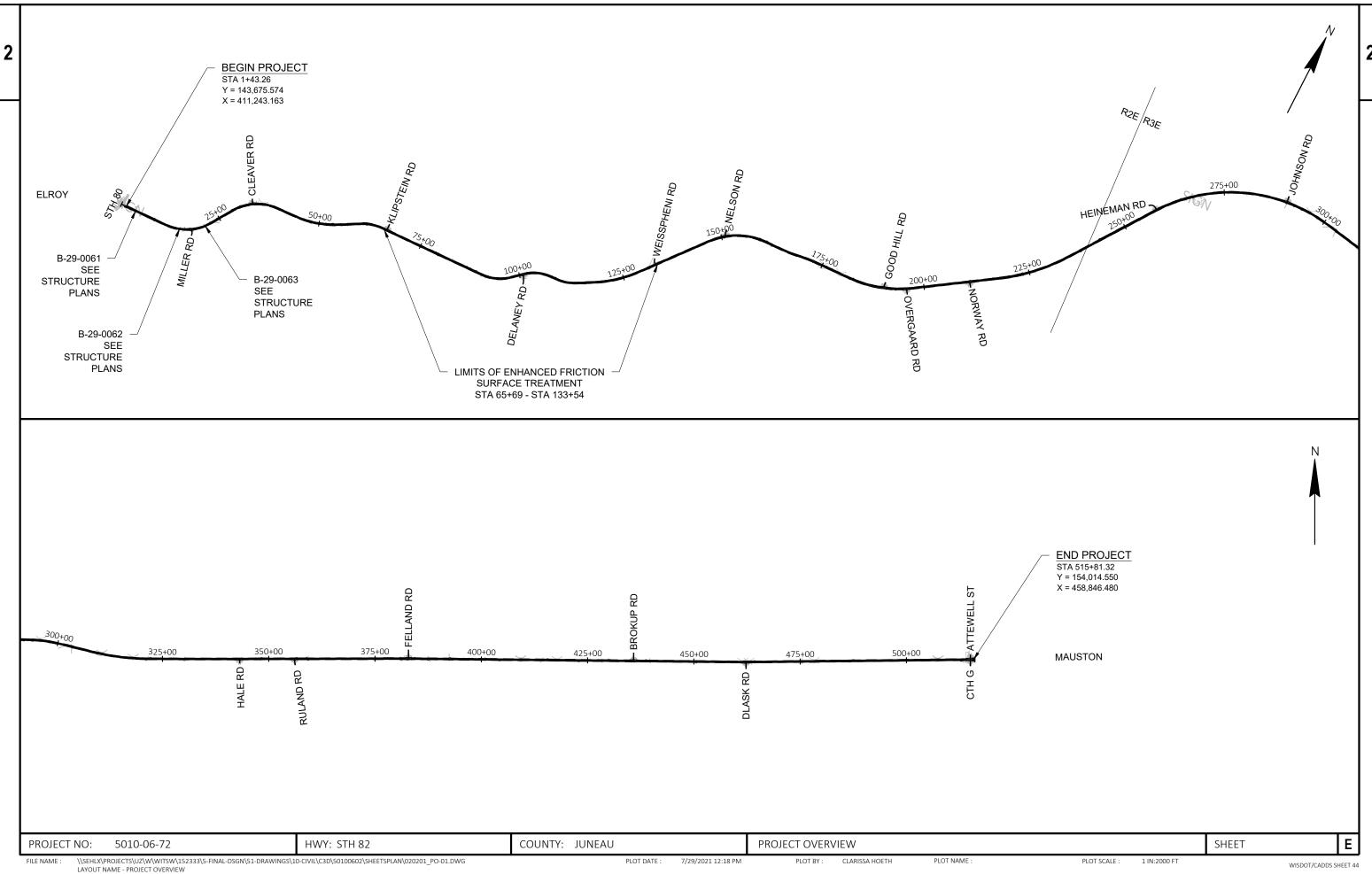
HWY: STH 82 COUNTY: JUNEAU **GENERAL NOTES** PROJECT NO: 5010-06-72 \SEHLX\PROJECTS\UZ\W\WITSW\152333\5-FINAL-DSGN\51-DRAWINGS\10-CIVIL\C3D\50100602\SHEETSPLAN\020101 GN.DWG PLOT DATE: PLOT BY: CLARISSA HOETH PLOT NAME PLOT SCALE: FILE NAME : 9/28/2021 12:08 PM

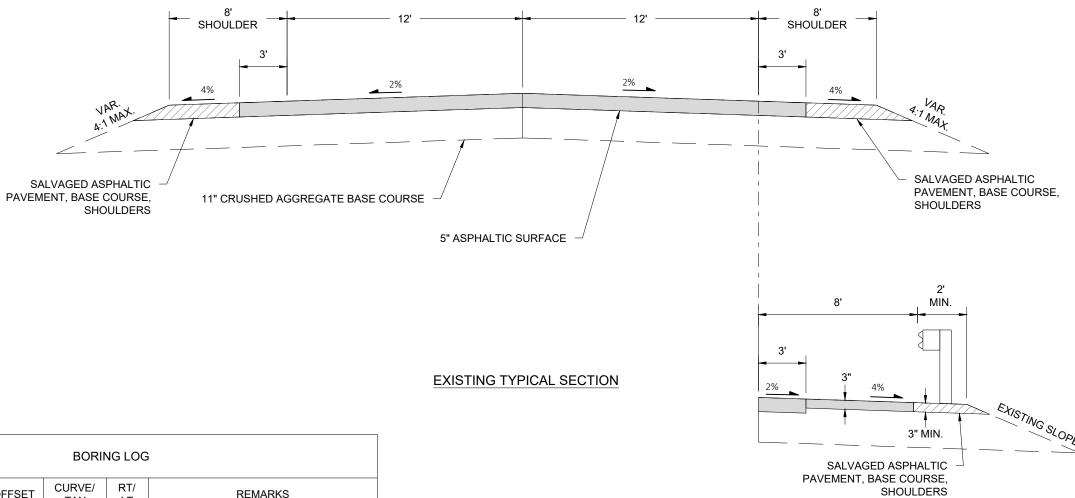
WISDOT/CADDS SHEET 42

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SHEET

1 IN:10 FT



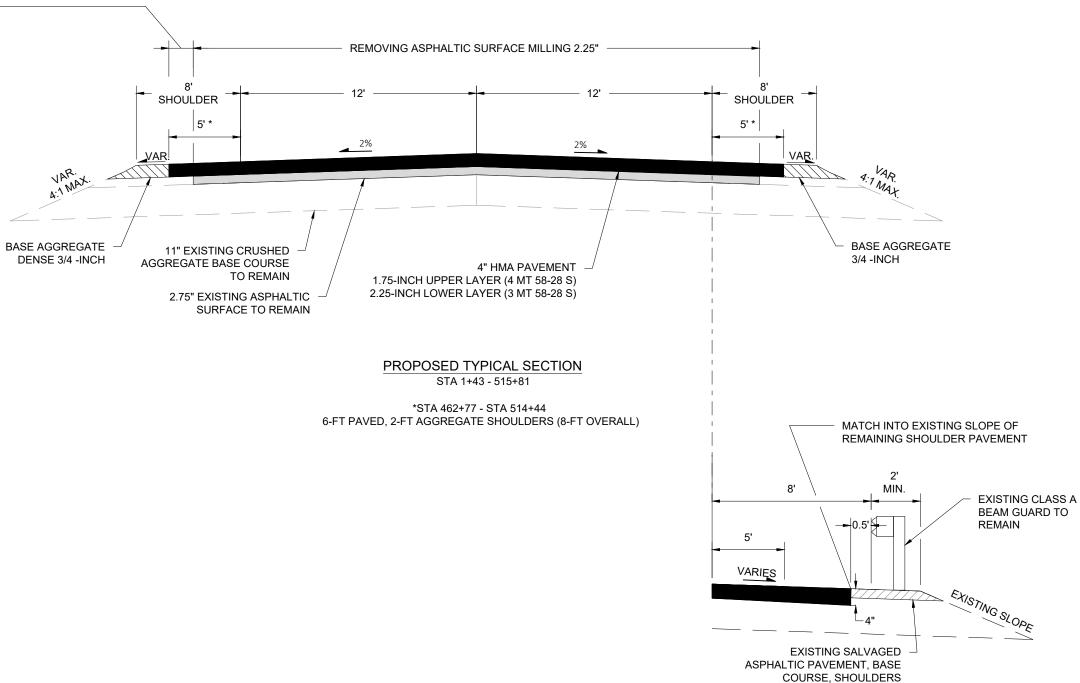


			BORII	NG LOG	3
BORING #	LOG MILE	OFFSET	CURVE/ TAN	RT/ LT	REMARKS
	0.0000				STH 80/STH 82 INTERSECTION
	1.9100				DELANEY LANE
B-1	2.3800	6' RT	CURVE	LT	CUT
B-2	2.4900	3' RT	TAN		CUT
	2.5200				OLD STH 82 LANE
B-3	2.5700	9' RT	TAN		FILL
B-4	2.7700	6' LT	TAN		CUT
B-5	2.8400	6' RT	CURVE	RT	CUT
	2.8800				NELSON RD
B-6	2.9500	9' RT	CURVE	RT	FILL
B-7	3.0500	3' RT	TAN		CUT
B-8	3.1600	6' RT	CURVE	LT	CUT
B-9	3.3000	6' RT	TAN		FILL
B-10	3.6700	6' RT	CURVE	LT	FILL
	3.7000				OVERGAARD RD

EXISTING PAVED SHOULDER AT BEAM GUARD

PROJECT NO: 5010-06-72 HWY: STH 82 COUNTY: JUNEAU TYPICAL SECTIONS SHEET **E**

LIMITS OF PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS



VARY MILL DEPTH ACROSS SHOULDER IN BEAM GUARD AREAS. MILL FROM 2.25" DEPTH AT TRAVEL LANE EDGE, TO 4" DEPTH AT APPROXIMATELY $1\!\!\!/_2$ -FT FROM FACE OF RAIL. REFER TO CONSTRUCTION DETAIL.

REMOVAL OF 1" OF UNDERLYING CRUSHED AGGREGATE BASE COURSE SHALL BE INCLUDED IN REMOVING ASPHALTIC SURFACE MILLING QUANTITY.

THE REMOVAL OF EXISTING DRIVEWAY/FIELD ENTRANCE BUMPOUTS WILL BE PAID FOR AS BID ITEM REMOVING ASPHALTIC SURFACE.

PROPOSED PAVED SHOULDER AT BEAM GUARD

STA 181+99 RT - STA 191+73 RT STA 216+54 LT - STA 222+99 LT STA 216+95 RT - STA 222+99 RT STA 243+62 LT - STA 257+71 LT STA 247+25 RT - STA 253+42 RT STA 253+87 RT - STA 260+25 RT STA 258+87 LT - STA 264+45 LT

PROJECT NO: 5010-06-72 HWY: STH 82 COUNTY: JUNEAU TYPICAL SECTIONS SHEET

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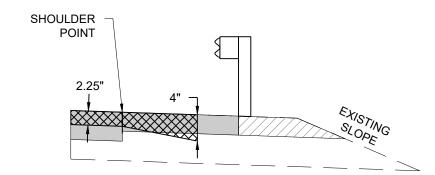


REMOVING ASPHALTIC SURFACE, MILLING



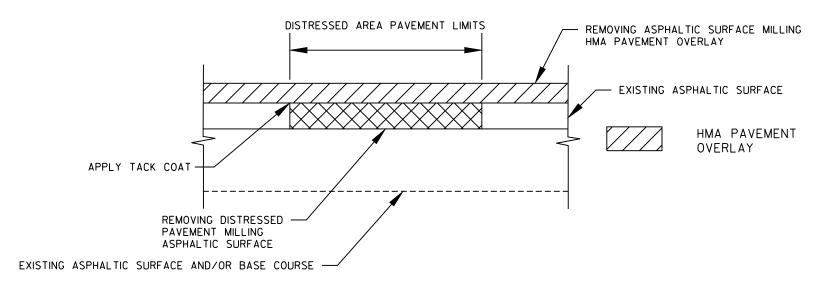
REMOVING ASPHALTIC SURFACE BUTT JOINT

BUTT JOINT DETAIL FOR ASPHALTIC PAVEMENTS

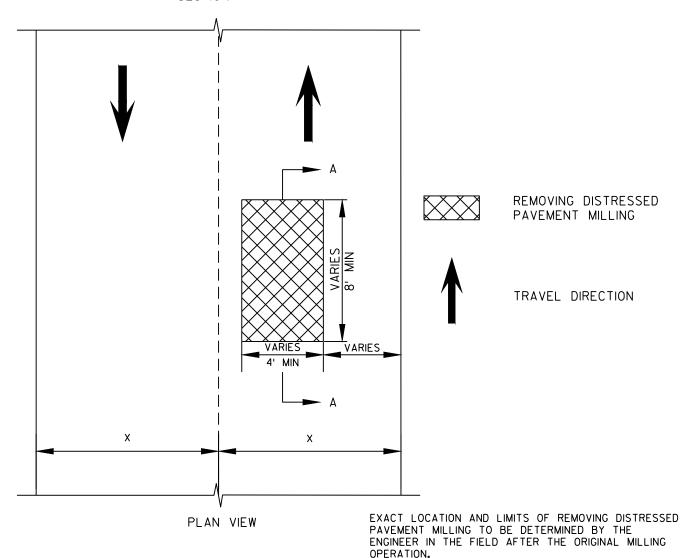


PAVEMENT MILLING AT BEAM GUARD AREAS
VARY MILLING DEPTH ACROSS SHOULDER IN BEAM GUARD AREAS. FROM
2.25" DEPTH AT SHOULDER POINT TO 4" DEPTH AT APPROXIMATELY ½ -FT
FROM FACE OF BEAM GUARD.

REMOVAL OF 1" OF UNDERLYING CRUSHED AGGREGATE BASE COURSE SHALL BE INCLUDED IN REMOVING ASPHALTIC SURFACE MILLING QUANTITY.



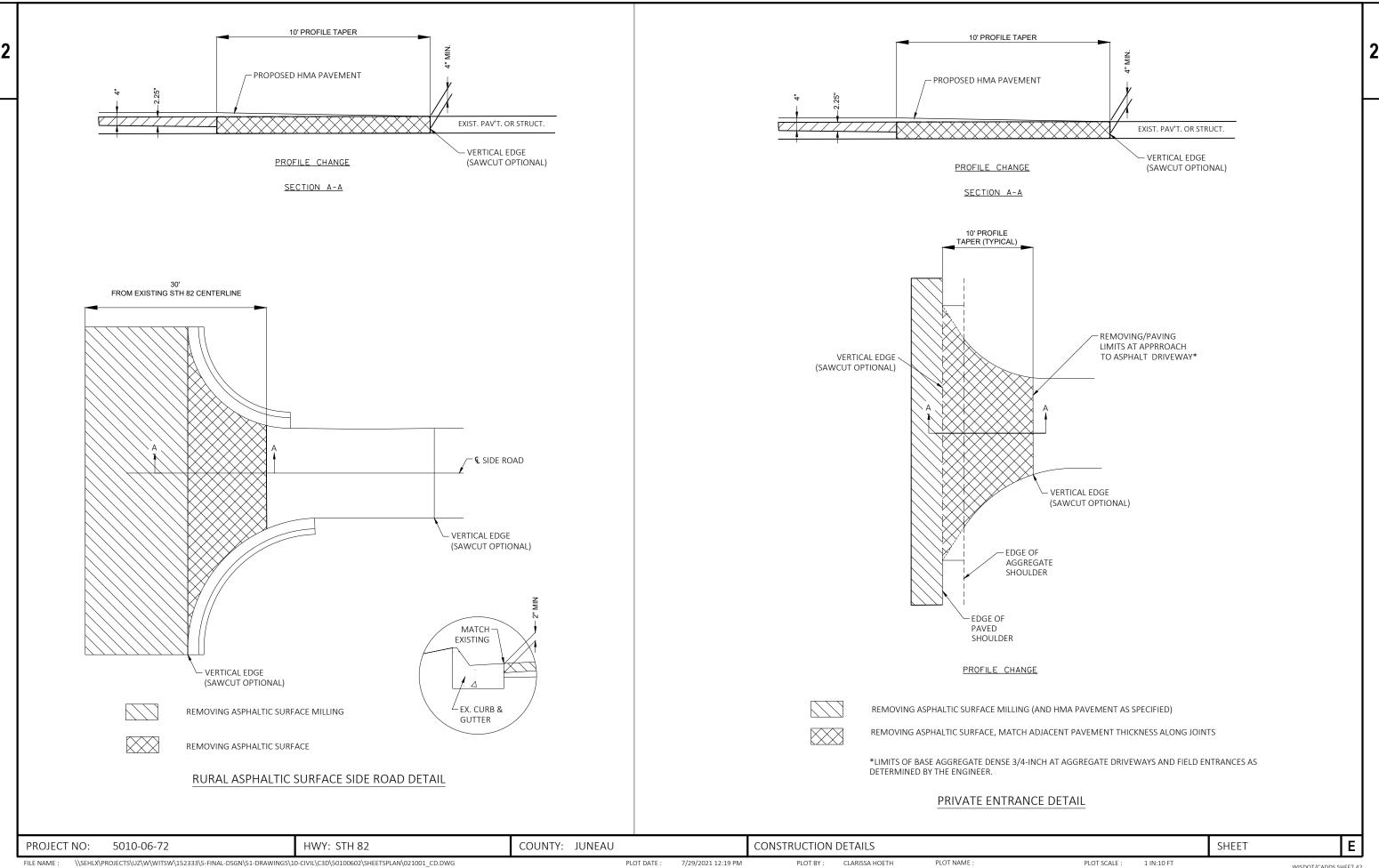
REMOVING DISTRESSED PAVEMENT MILLING SECTION A-A



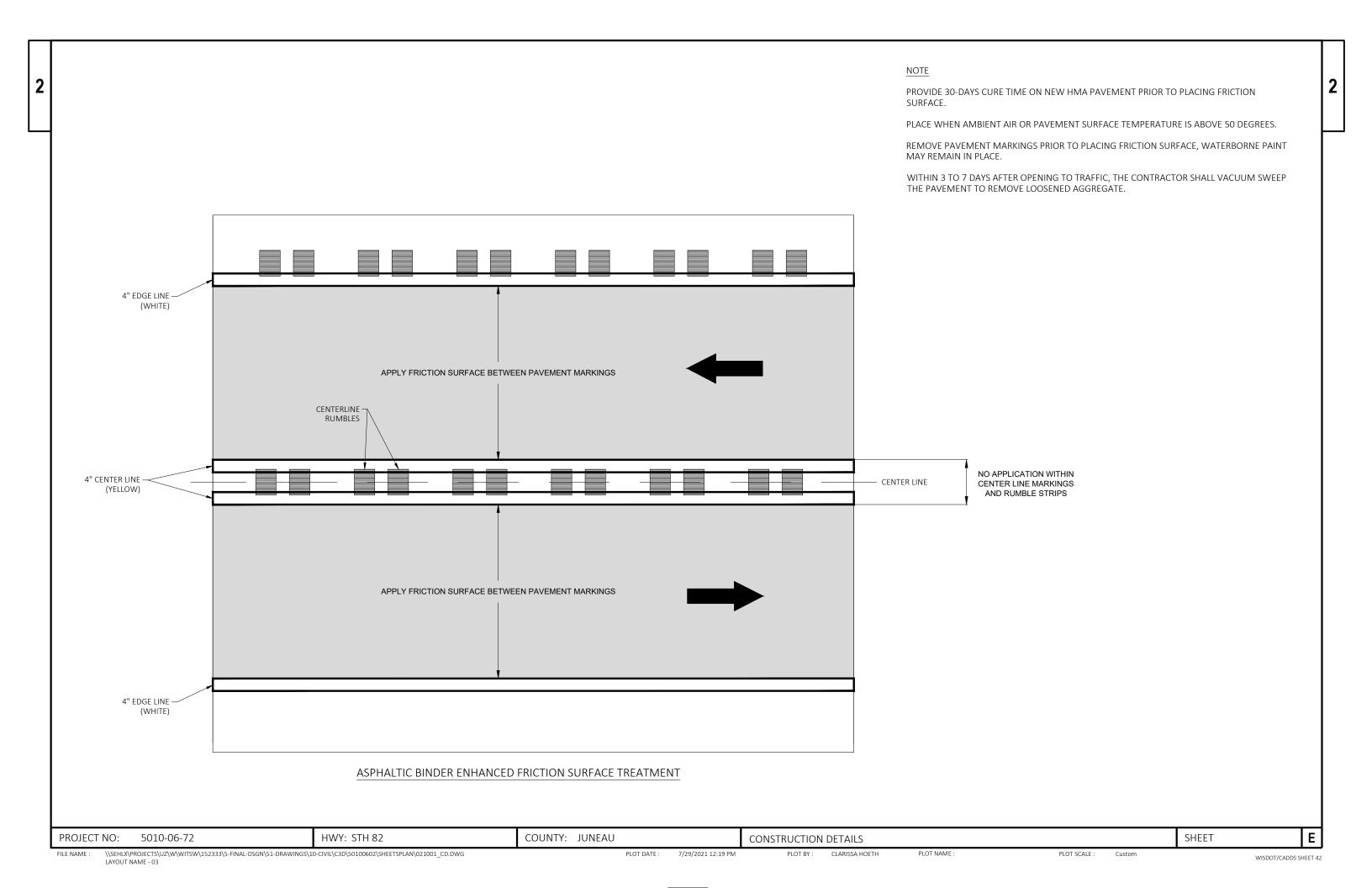
REMOVING DISTRESSED PAVEMENT MILLING DETAIL

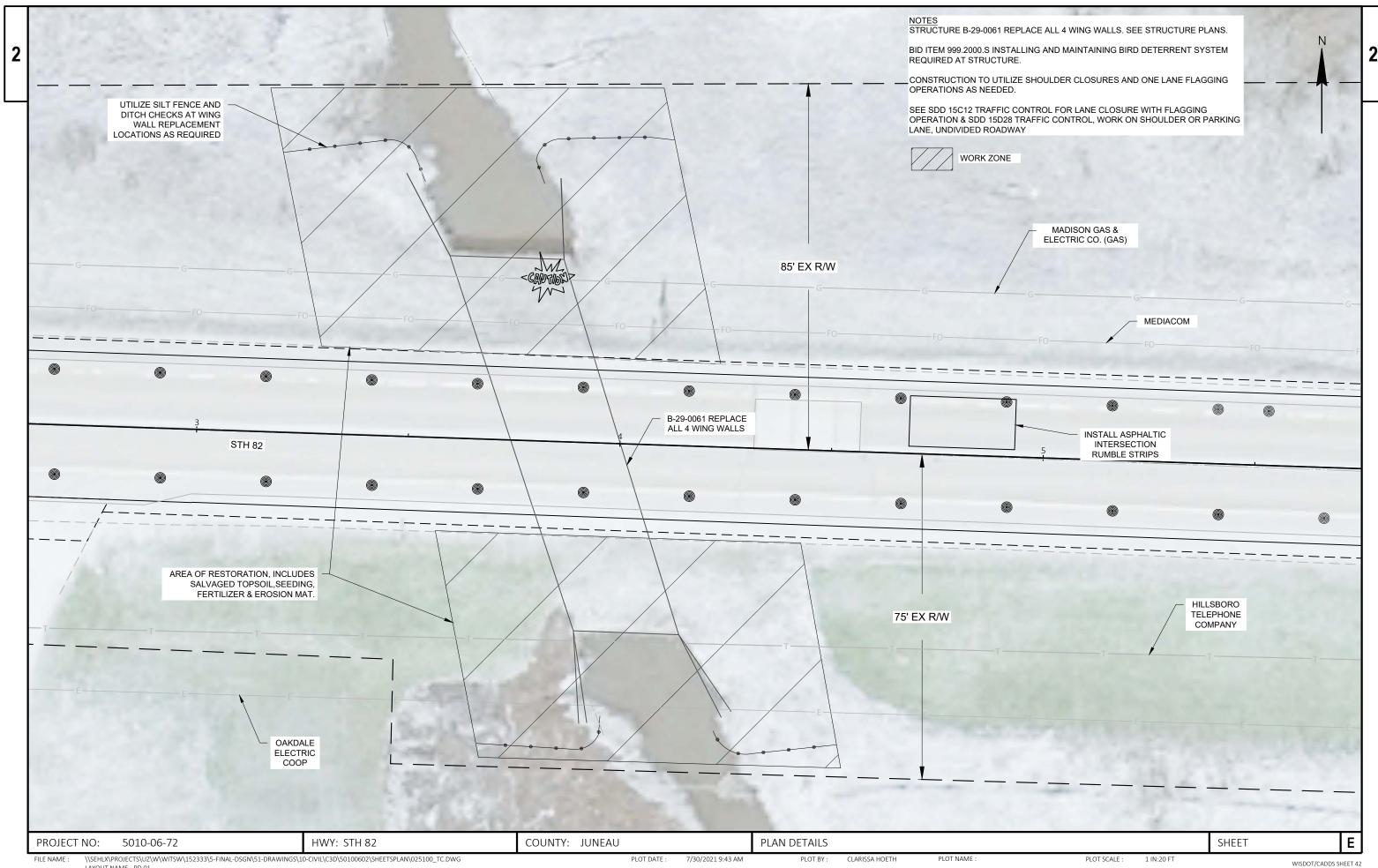
Ε PROJECT NO: 5010-06-72 HWY: STH 82 COUNTY: JUNEAU **CONSTRUCTION DETAILS** SHEET CLARISSA HOETH \SEHLX\PROJECTS\UZ\W\WITSW\152333\5-FINAL-DSGN\51-DRAWINGS\10-CIVIL\C3D\50100602\SHEETSPLAN\021001 CD.DWG PLOT DATE : PLOT BY: PLOT NAME PLOT SCALE : 1 IN:10 FT FILE NAME : 7/29/2021 12:19 PM WISDOT/CADDS SHEET 42

LAYOUT NAME - 01

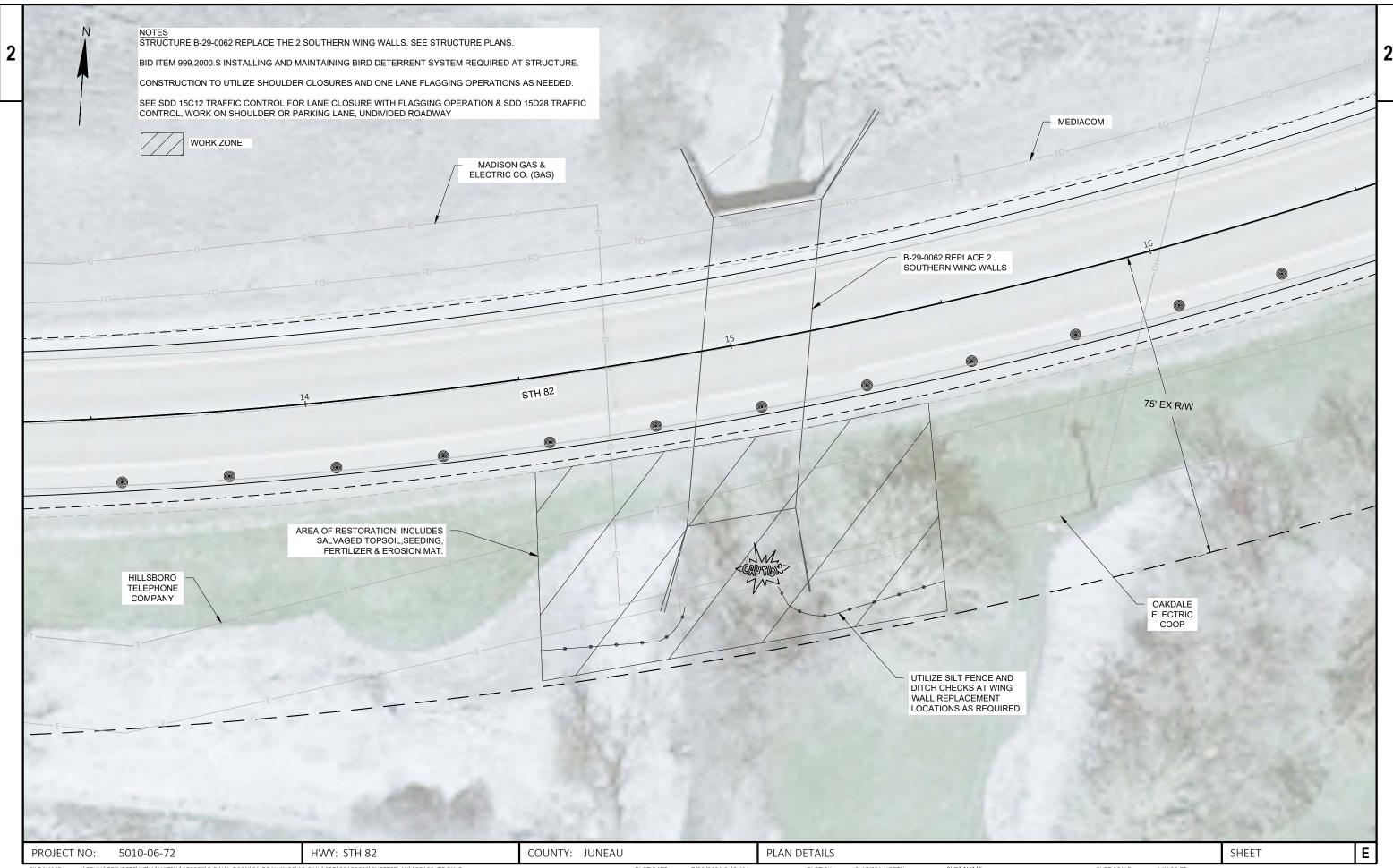


WISDOT/CADDS SHEET 42





\\SEHLX\PROJECTS\UZ\W\WITSW\152333\5-FINAL-DSGN\51-DRAWINGS\10-CIVIL\C3D\50100602\SHEETSPLAN\025100_TC.DWG PLOT DATE : 7/30/2021 9:43 AM PLOT BY: CLARISSA HOETH PLOT NAME : PLOT SCALE : 1 IN:20 FT



LE NAME: \SEHLX\PROJECTS\UZ\W\WITSW\152333\5-FINAL-DSGN\51-DRAWINGS\10-CIVIL\C3D\50100602\SHEETSPLAN\025100_TC.DWG PLOT DATE: 7/30/2021 9:43 AM PLOT BY: CLARISSA HOETH PLOT NAME: PLOT SCALE: 1 IN:20 FT

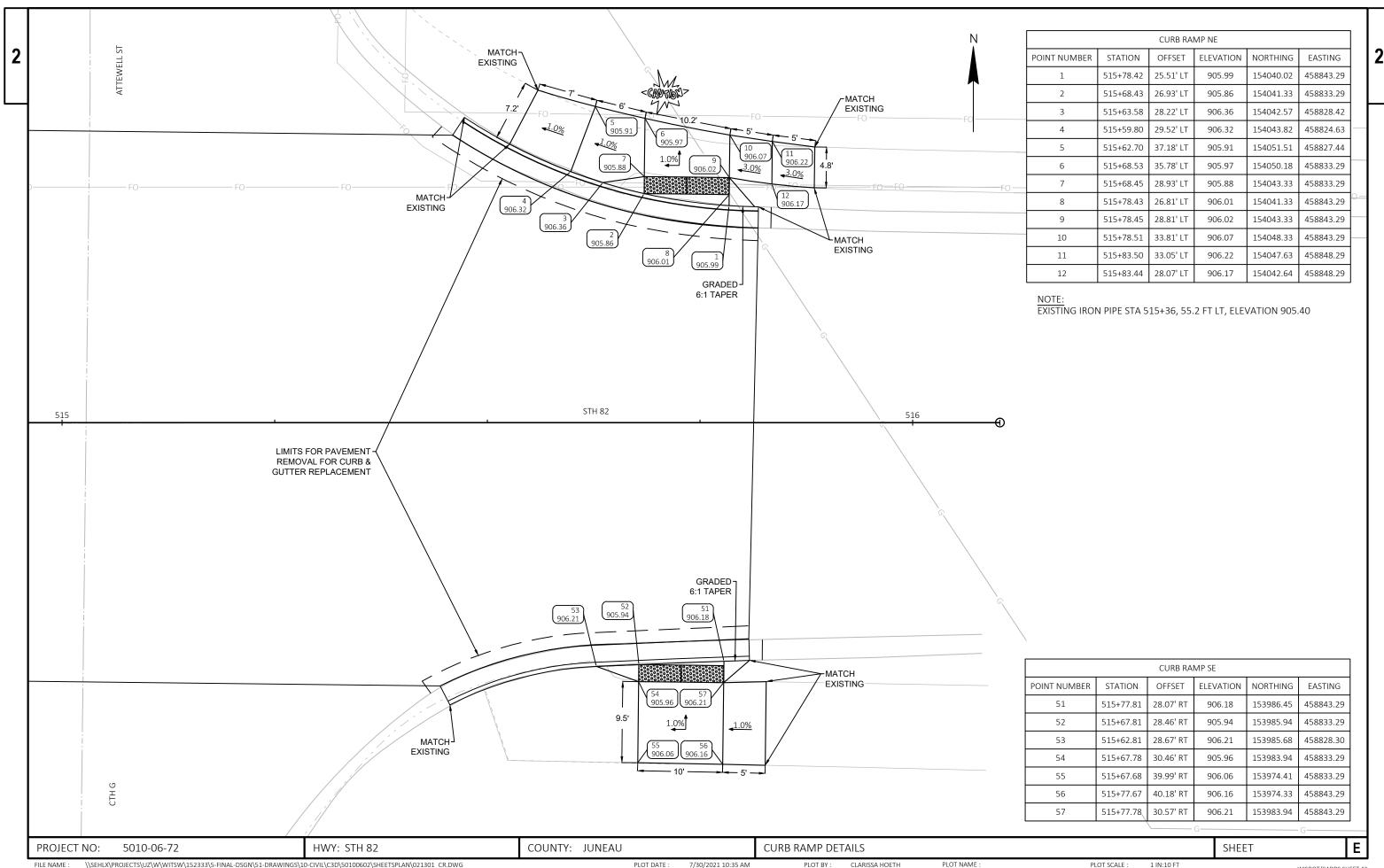
LAYOUT NAME - PD 02

WISDOT/CADDS SHEET 42

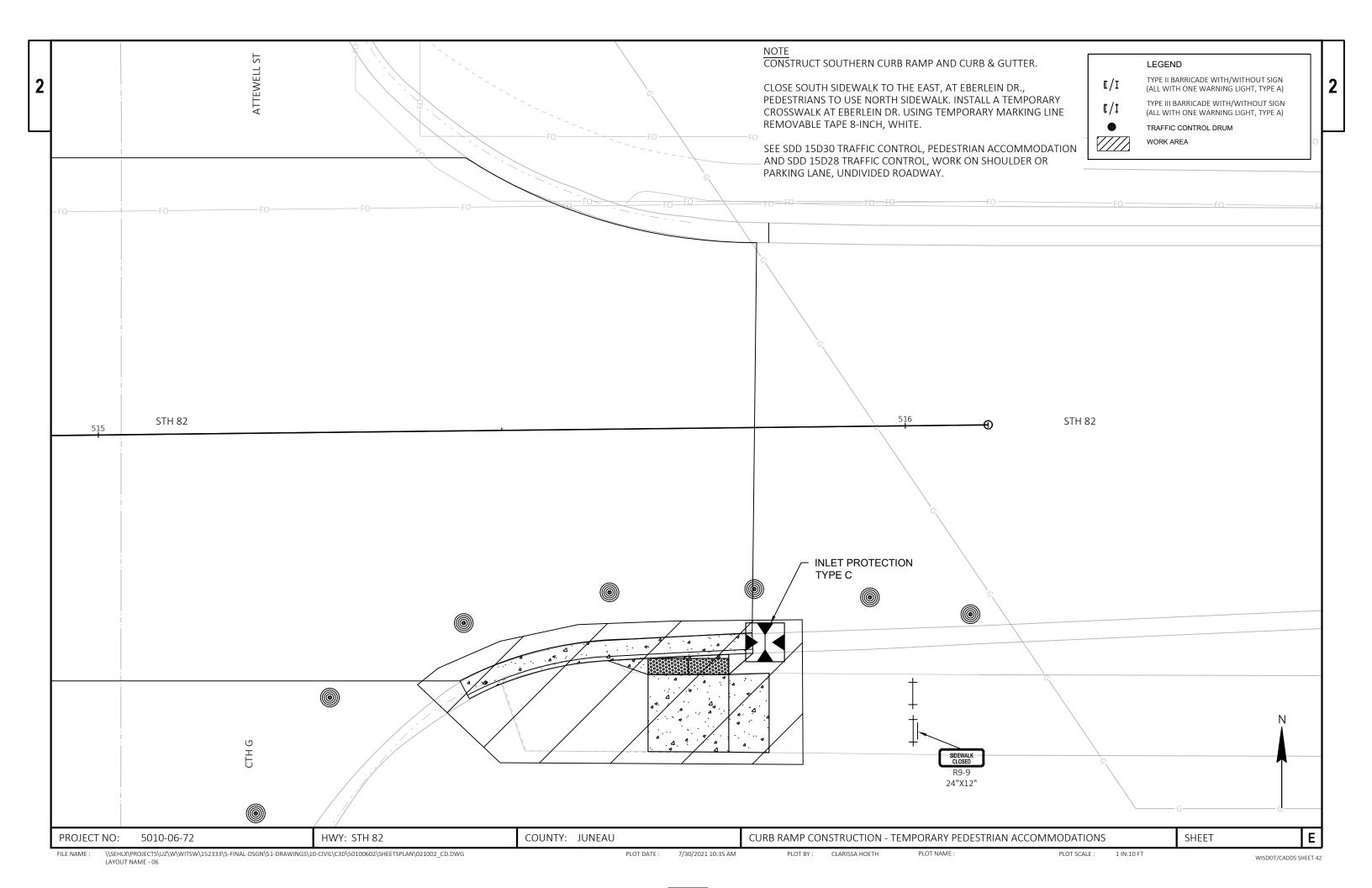
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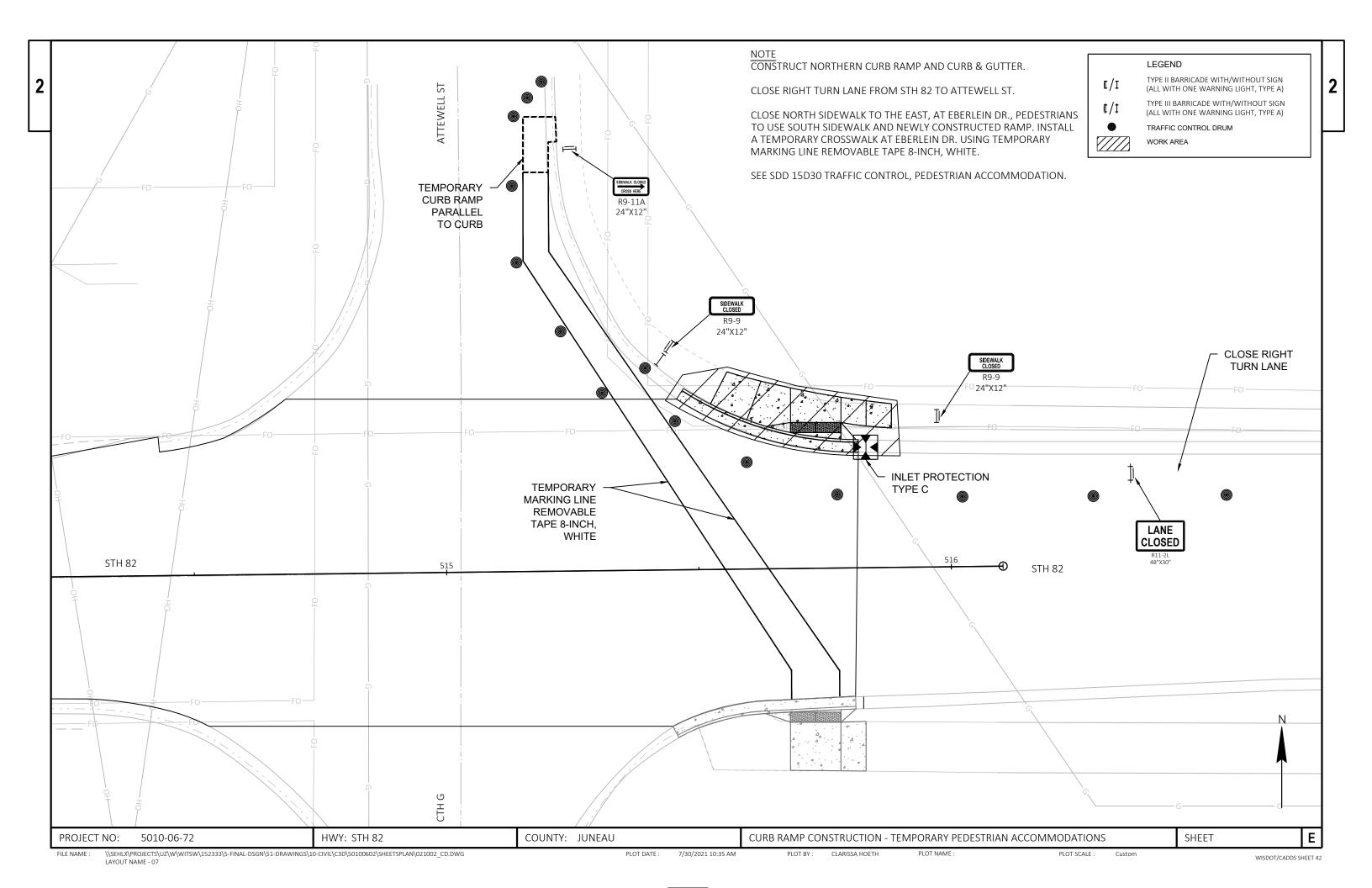
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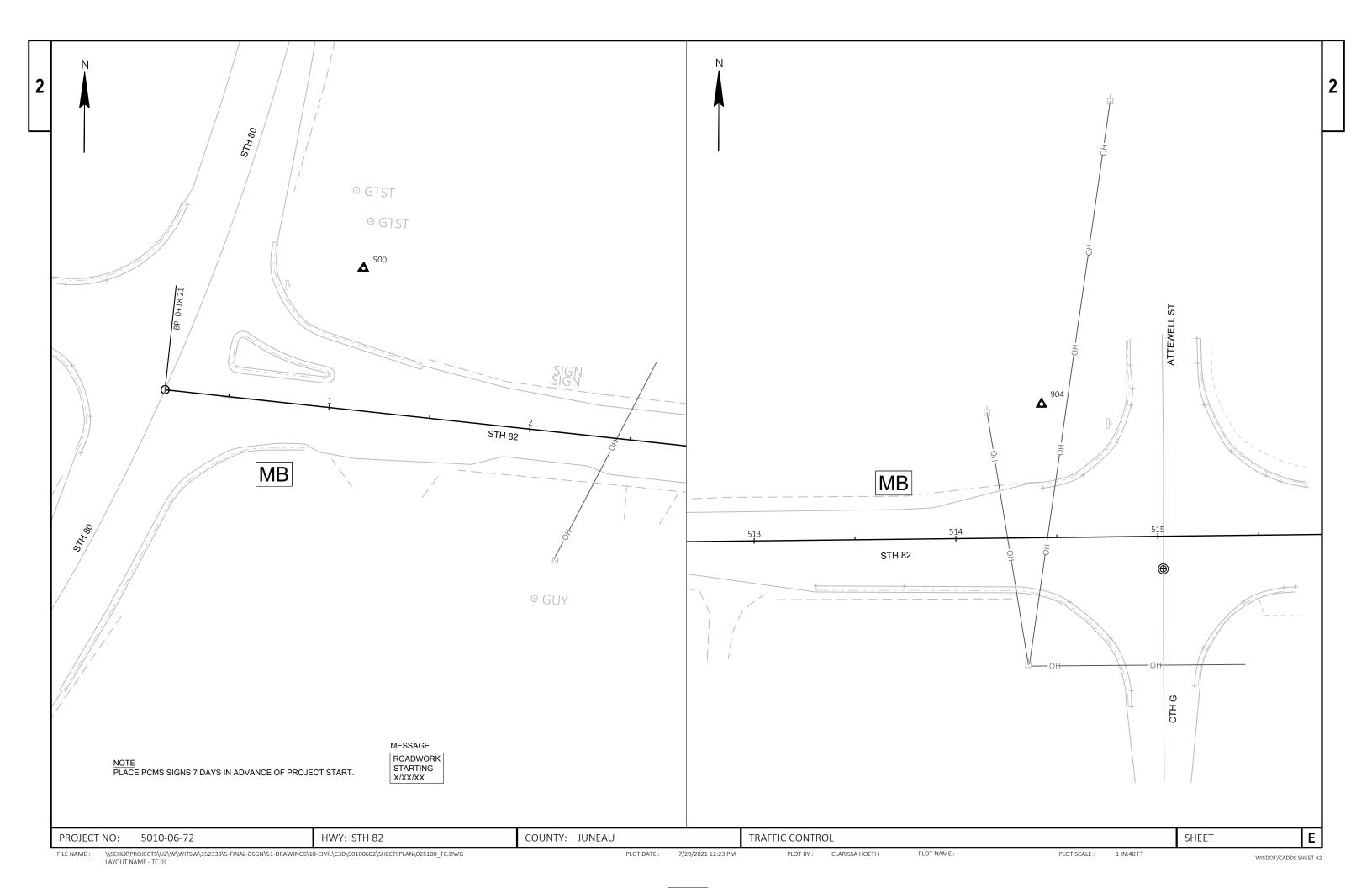
WISDOT/CADDS SHEET 42

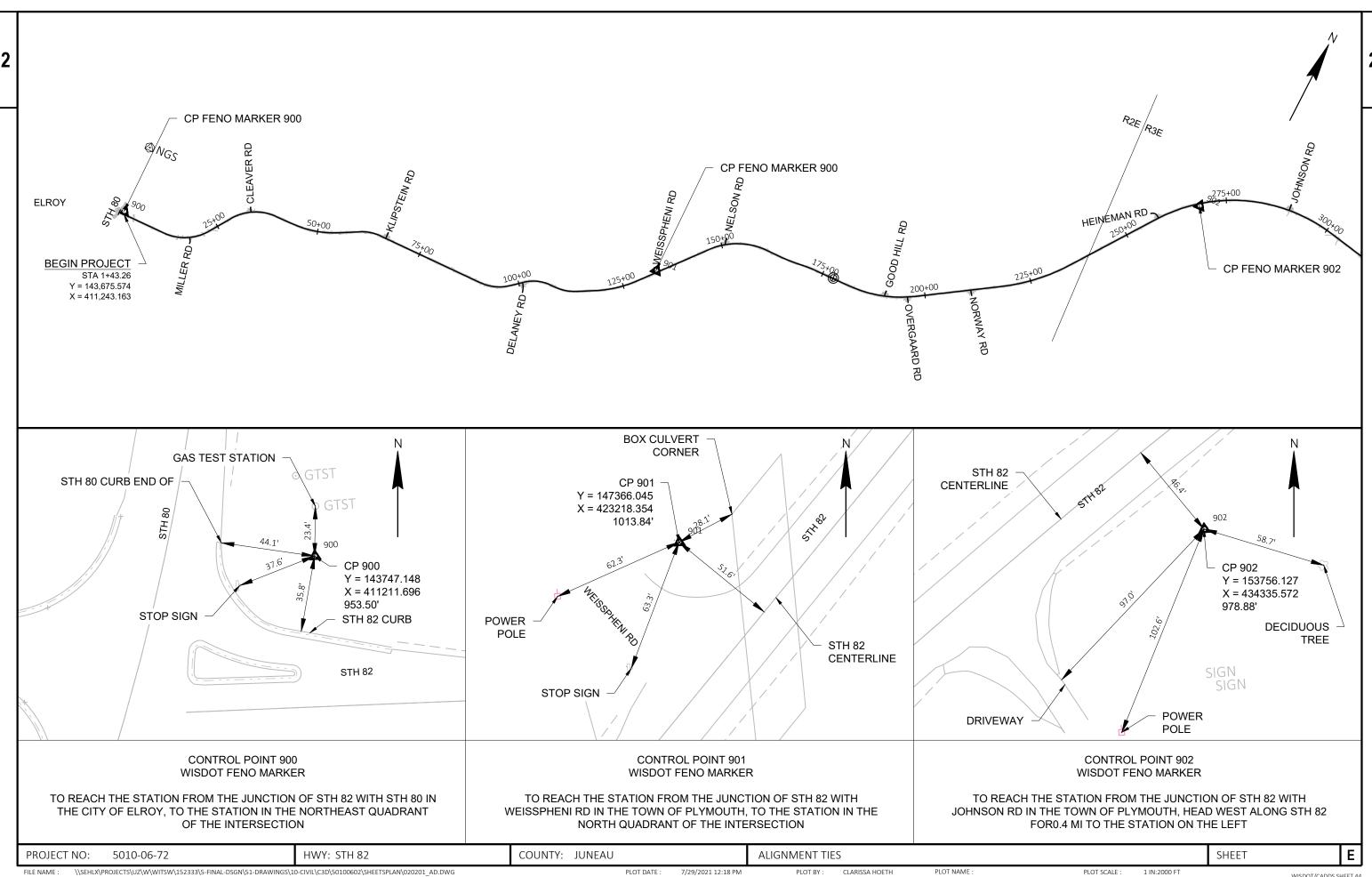


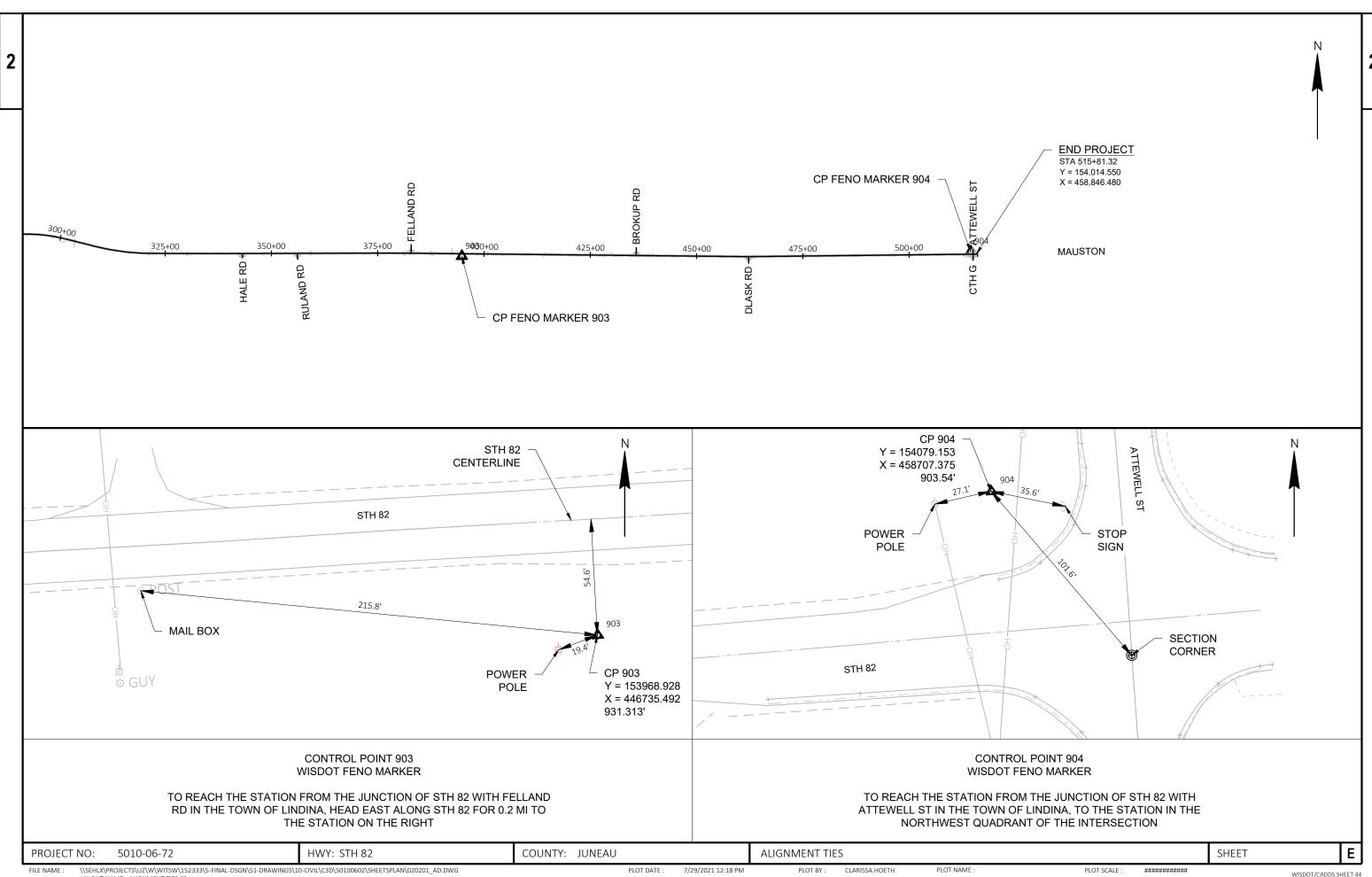
LAYOUT NAME - 04











3

					5010-06-72
Line	Item	Item Description	Unit	Total	Qty
0002	203.0220	Removing Structure (structure) 01. B-29-0061	EACH	1.000	1.000
0004	203.0220	Removing Structure (structure) 02. B-29-0062	EACH	1.000	1.000
0006	203.0220	Removing Structure (structure) 03. B-29-0063	EACH	1.000	1.000
8000	204.0109.S	Removing Concrete Surface Partial Depth	SF	886.000	886.000
0010	204.0110	Removing Asphaltic Surface	SY	4,159.000	4,159.000
0012	204.0115	Removing Asphaltic Surface Butt Joints	SY	716.000	716.000
0014	204.0120	Removing Asphaltic Surface Milling	SY	178,025.000	178,025.000
0016	204.0150	Removing Curb & Gutter	LF	73.000	73.000
0018	204.0155	Removing Concrete Sidewalk	SY	59.000	59.000
0020	206.2000	Excavation for Structures Culverts (structure) 01. B-29-0061	LS	1.000	1.000
0022	206.2000	Excavation for Structures Culverts (structure) 02. B-29-0062	LS	1.000	1.000
0024	206.2000	Excavation for Structures Culverts (structure) 03. B-29-0063	LS	1.000	1.000
0026	206.5000	Cofferdams (structure) 01. B-29-0061	LS	1.000	1.000
0028	206.5000	Cofferdams (structure) 02. B-29-0062	LS	1.000	1.000
0030	206.5000	Cofferdams (structure) 03. B-29-0063	LS	1.000	1.000
0032	210.2500	Backfill Structure Type B	TON	516.000	516.000
0034	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 5010-06-72	LS	1.000	1.000
0036	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	1,026.000	1,026.000
0038	213.0100	Finishing Roadway (project) 01. 5010-06-72	EACH	1.000	1.000
0040	305.0110	Base Aggregate Dense 3/4-Inch	TON	7,363.000	7,363.000
0042	311.0115	Breaker Run	CY	57.000	57.000
0044	455.0605	Tack Coat	GAL	22,661.000	22,661.000
0046	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	2.000	2.000

0004	203.0220	Removing Structure (structure) 02. B-29-0062	EACH	1.000	1.000
0006	203.0220	Removing Structure (structure) 03. B-29-0063	EACH	1.000	1.000
8000	204.0109.S	Removing Concrete Surface Partial Depth	SF	886.000	886.000
0010	204.0110	Removing Asphaltic Surface	SY	4,159.000	4,159.000
0012	204.0115	Removing Asphaltic Surface Butt Joints	SY	716.000	716.000
0014	204.0120	Removing Asphaltic Surface Milling	SY	178,025.000	178,025.000
0016	204.0150	Removing Curb & Gutter	LF	73.000	73.000
0018	204.0155	-	SY	59.000	59.000
		Removing Concrete Sidewalk			
0020	206.2000	Excavation for Structures Culverts (structure) 01. B-29-0061	LS	1.000	1.000
0022	206.2000	Excavation for Structures Culverts (structure) 02. B-29-0062	LS	1.000	1.000
0024	206.2000	Excavation for Structures Culverts (structure) 03. B-29-0063	LS	1.000	1.000
0026	206.5000	Cofferdams (structure) 01. B-29-0061	LS	1.000	1.000
0028	206.5000	Cofferdams (structure) 02. B-29-0062	LS	1.000	1.000
0030	206.5000	Cofferdams (structure) 03. B-29-0063	LS	1.000	1.000
0032	210.2500	Backfill Structure Type B	TON	516.000	516.000
0034	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 5010-06-72	LS	1.000	1.000
0036	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	1,026.000	1,026.000
0038	213.0100	Finishing Roadway (project) 01. 5010-06-72	EACH	1.000	1.000
0040	305.0110	Base Aggregate Dense 3/4-Inch	TON	7,363.000	7,363.000
0042	311.0115	Breaker Run	CY	57.000	57.000
0044	455.0605	Tack Coat	GAL	22,661.000	22,661.000
0046	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	2.000	2.000
0048	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	2.000	2.000
0050	460.2005	Incentive Density PWL HMA Pavement	DOL	15,370.000	15,370.000
0052	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	20,570.880	20,570.880
0054	460.2010	Incentive Air Voids HMA Pavement	DOL	27,400.000	27,400.000
0056	460.6223	HMA Pavement 3 MT 58-28 S	TON	25,548.000	25,548.000
0058	460.6224	HMA Pavement 4 MT 58-28 S	TON	19,870.000	19,870.000
0060	465.0105	Asphaltic Surface	TON	296.000	296.000
0062	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	186.000	186.000
0064	465.0425	Asphaltic Shoulder Rumble Strips 2-Lane Rural	LF	66,914.000	66,914.000
0066	465.0450	Asphaltic Intersection Rumble Strips	SY	75.000	75.000
0068	465.0475		LF	44,253.000	44,253.000
		Asphalt Centerline Rumble Strips 2-Lane Rural			
0070	502.4204	Adhesive Anchors No. 4 Bar	EACH	37.000	37.000
0072	504.0100	Concrete Masonry Culverts	CY	107.000	107.000
0074	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	11,160.000	11,160.000
0076	511.1200	Temporary Shoring (structure) 01. B-29-0061	SF	865.000	865.000
0078	511.1200	Temporary Shoring (structure) 02. B-29-0062	SF	430.000	430.000
0800	511.1200	Temporary Shoring (structure) 03. B-29-0063	SF	935.000	935.000
0082	516.0500	Rubberized Membrane Waterproofing	SY	52.000	52.000
0084	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	73.000	73.000
0086	602.0405	Concrete Sidewalk 4-Inch	SF	429.000	429.000
8800	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40.000	40.000
0090	606.0300	Riprap Heavy	CY	84.000	84.000
0092	614.0400	Adjusting Steel Plate Beam Guard	LF	272.000	272.000
0094	619.1000	Mobilization	EACH	1.000	1.000
0096	624.0100	Water	MGAL	74.000	74.000
0098	625.0500	Salvaged Topsoil	SY	2,405.000	2,405.000

5010-06-72

					5010-06-72	
Line	Item	Item Description	Unit	Total	Qty	
0100	628.1504	Silt Fence	LF	250.000	250.000	
0102	628.1905	Mobilizations Erosion Control	EACH	3.000	3.000	
0104	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000	
0106	628.2008	Erosion Mat Urban Class I Type B	SY	2,405.000	2,405.000	
0108	628.7015	Inlet Protection Type C	EACH	2.000	2.000	
0110	628.7504	Temporary Ditch Checks	LF	120.000	120.000	
0112	629.0210	Fertilizer Type B	CWT	1.600	1.600	
0114	630.0120	Seeding Mixture No. 20	LB	65.000	65.000	
0116	630.0140	Seeding Mixture No. 40	LB	1.000	1.000	
0118	630.0200	Seeding Temporary	LB	67.000	67.000	
0120	630.0500	Seed Water	MGAL	55.000	55.000	
0122	642.5001	Field Office Type B	EACH	1.000	1.000	
0124	643.0300	Traffic Control Drums	DAY	1,550.000	1,550.000	
0126	643.0410	Traffic Control Barricades Type II	DAY	56.000	56.000	
0128	643.0420	Traffic Control Barricades Type III	DAY	7.000	7.000	
0130	643.0705	Traffic Control Warning Lights Type A	DAY	14.000	14.000	
0132	643.0900	Traffic Control Signs	DAY	3,020.000	3,020.000	
0134	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000	
0136	643.5000	Traffic Control	EACH	1.000	1.000	
0138	644.1420	Temporary Pedestrian Surface Plywood	SF	63.000	63.000	
0140	644.1601	Temporary Pedestrian Curb Ramp	DAY	7.000	7.000	
0142	645.0120	Geotextile Type HR	SY	243.000	243.000	
0144	646.1020	Marking Line Epoxy 4-Inch	LF	63,781.000	63,781.000	
0146	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	100,726.000	100,726.000	
0148	646.3020	Marking Line Epoxy 8-Inch	LF	103.000	103.000	
0150	646.4520	Marking Line Same Day Epoxy 4-Inch	LF	51,989.000	51,989.000	
0152	646.6120	Marking Stop Line Epoxy 18-Inch	LF	52.000	52.000	
0154	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	195.000	195.000	
0156	648.0100	Locating No-Passing Zones	MI	9.740	9.740	
0158	649.0105	Temporary Marking Line Paint 4-Inch	LF	107,864.000	107,864.000	
0160	649.0120	Temporary Marking Line Epoxy 4-Inch	LF	25,135.000	25,135.000	
0162	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	350.000	350.000	
0164	650.8000	Construction Staking Resurfacing Reference	LF	51,435.000	51,435.000	
0166	650.9000	Construction Staking Curb Ramps	EACH	2.000	2.000	
0168	650.9910	Construction Staking Supplemental Control (project) 01. 5010-06-72	LS	1.000	1.000	
0170	690.0150	Sawing Asphalt	LF	2,023.000	2,023.000	
0172	690.0250	Sawing Concrete	LF	32.000	32.000	
0174	740.0440	Incentive IRI Ride	DOL	19,480.000	19,480.000	
0176		Installing and Maintaining Bird Deterrent System (station) 01. 3+87	EACH	1.000	1.000	
0178		Installing and Maintaining Bird Deterrent System (station) 02. 15+05	EACH	1.000	1.000	
0180		Installing and Maintaining Bird Deterrent System (station) 03. 21+20	EACH	1.000	1.000	
0182		On-the-Job Training Apprentice at \$5.00/HR	HRS	2,400.000	2,400.000	
0184		On-the-Job Training Graduate at \$5.00/HR	HRS	2,500.000	2,500.000	
0186	SPV.0060	Special 01. Landmark Reference Monuments Special	EACH	9.000	9.000	
0188	SPV.0060	Special 02. Verify Landmark Reference Monuments	EACH	9.000	9.000	
0190	SPV.0180	Special 01. Asphaltic Binder Enhanced Friction Surface Treatment	SY	19,480.000	19,480.000	
0192	SPV.0180	Special 02. Removing Distressed Pavement Milling	SY	1,790.000	1,790.000	

REMOVING ASPHALT ITEMS

20/	01	1	5

CATEGORY	STATION	LOCATION	204.0110 REMOVING <u>ASPHALTIC SURFACE</u> (SY)	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS (SY)	204.0120 REMOVING ASPHALTIC <u>SURFACE MILLING</u> (SY)
0010	1+43 to 515+78	MAINLINE	-	-	178025
	1+43	PROJECT BEGIN	-	31	=
	515+78	PROJECT END	-	32	-
	7+03	RT, DWY	33	-	-
	8+65	LT, DWY	44	-	-
	8+81	RT, DWY	36	-	-
	17+94	MILLER RD	126	41	-
	30+71	LT, DWY	65	-	-
	33+62	CLEAVER RD	104	40	-
	66+33	KLIPSTEIN RD	118	47	-
	87+82	LT, DWY	38	-	-
	89+45	LT, DWY	42	-	=
	100+84	DELANEY RD	151	41	-
	108+68	LT, DWY	52	-	-
	115+80	RT, DWY	33	-	-
	133+18	WEISSPHENI RD	65	20	-
	150+92	NELSON RD	146	47	-
	160+85	LT, DWY	49	-	-
	172+71	LT, DWY	45	<u>-</u>	-
	172+71	RT, DWY	41	<u>-</u>	-
	177+48	LT, DWY	46	_	=
	190+56	GOOD HILL RD	107	50	-
	195+87	OVERGAARD RD	101	40	_
	210+83	NORWAYRD	117	43	=
	211+00	LT, DWY	52	-	_
	223+37	LT, DWY	35	-	
	258+42	HEINEMAN RD	82	20	_
	264+73	LT, DWY	45	-	=
	267+54	RT, DWY	41	_	_
	290+04	JOHNSON RD	116	44	_
	291+91	RT, DWY	31	-	
	303+61	RT, DWY	35	_	_
	321+17	RT, DWY	33	_	_
	322+12	LT, DWY	50	_	_
	343+12	HALE RD	119	46	_
	356+06	RULAND RD	101	38	_
	381+03	RT, DWY	34	-	_
	382+84	FELLAND RD	99	46	_
	387+48	RT, DWY	52	-	_
	392+59	LT, DWY	49	_	_
	430+02	LT, DWY	63		
	430+02	BROKUP RD	172	46	-
	462+23	DLASK RD	181	44	-
	PROJECT	FE BUMP OUTS	1201	74	-
	515+65	C&G REPLACEMENT	9	-	-
	PROJE	CT TOTALS	4159	716	178025

REMOVING CONCRETE ITEMS

204.0109.S 204.0150 204.0155 REMOVING REMOVING REMOVING

CONCRETE SURFACE CURB & CONCRETE

			PARTIAL DEPTH	<u>GUTTER</u>	<u>SIDEWALK</u>	
CATEGORY	STATION	LOCATION	(SF)	LF	SY	COMMENT
0010	4+43	WB LANE	301	-	-	INTERSECTION RUMBLE STRIPS
	6+68	WB LANE	292	-	-	INTERSECTION RUMBLE STRIPS
	11+97	WB LANE	293	-	-	INTERSECTION RUMBLE STRIPS
	515+45 - 515+89	LT	-	37	23	NE CORNER OF CTH G INTERSECTION
	515+44 - 515+82	RT	-	36	36	SE CORNER OF CTH G INTERSECTION
	PROJECT TOTALS		886	73	59	

MISCELLANEOUS QUANTITIES Ε SHEET

FILE NAME :

HWY: STH 82

PROJECT NO: 5010-06-72

PLOT BY: CHARISSA CARLSON

PLOT NAME :

COUNTY: JUNEAU

3

			DASE	FILLAND	
			AGGREGATE	FOUNDATION	
			DENSE	FOR ASPHALTIC	
			3/4-INCH	SHOULDERS	
ATEGORY	STATION	LOCATION	TON	STA	REMARKS
0010	1+43	RT, DWY	8	300	AGGREGATE DW
	2+64	RT, DWY	4	223	AGGREGATE DW
	17+55	LT, DWY	4	4.0	AGGREGATE DW
	24+55	LT, DWY	6		AGGREGATE DW
	28+58	LT, DWY	7	25	AGGREGATE DW
	48+04	RT, DWY	6	.70	AGGREGATE DW
	53+25	LT, DWY	8	(*)	AGGREGATE DW
	61+28	RT, DWY	6	(¥)	AGGREGATE DW
	78+90	LT, DWY	4	-	AGGREGATE DW
	79+62	LT, DWY	5	543	AGGREGATE DW
	79+64	RT, DWY	6	(*)	AGGREGATE DW
	86+93	LT, DWY	5		AGGREGATE DW
	131+41	RT, DWY	8	3*3	AGGREGATE DW
	150+59	RT, DWY	6		AGGREGATE DW
	159+11	LT, DWY	6	322	AGGREGATE DW
	159+14	RT, DWY	5		AGGREGATE DW
	162+35	RT, DWY	5		AGGREGATE DW
	176+15	LT, DWY	4	120	AGGREGATE DW
	182+96	LT, DWY	5	:=:	AGGREGATE DW
	193+32	RT, DWY	5	*	AGGREGATE DW
	223+45	RT, DWY	4		AGGREGATE DW
	238+18	RT, DWY	6	0-1	AGGREGATE DW
	243+37	LT, DWY	4		AGGREGATE DW
	289+95	RT, DWY	5	720	AGGREGATE DW
	293+95	RT, DWY	5	<*>	AGGREGATE DW
	348+30	LT, DWY	7		AGGREGATE DW
	356+53	LT, DWY	6	2.5	AGGREGATE DW
	358+86	LT, DWY	5	, - ,	AGGREGATE DW
	359+20	RT, DWY	4	-	AGGREGATE DW
	382+70	RT, DWY	5	-	AGGREGATE DW
	384+32	LT, DWY	4		AGGREGATE DW
	401+04	LT, DWY	3		AGGREGATE DW
	404+30	RT, DWY	4	-	AGGREGATE DW
	415+58	LT, DWY	6		AGGREGATE DW
	422+92	RT, DWY	6	141	AGGREGATE DW
	438+70	LT, DWY	5		AGGREGATE DW
	450+54	RT, DWY	3	020	AGGREGATE DW
	464+30	LT, DWY	4		AGGREGATE DW
	487+50	LT, DWY	5	223	AGGREGATE DW
	512+86	RT, DWY	4		AGGREGATE DW
(BTOTAL 0010	208	0	AGGREGATE DW
(AILOUNT 3U	DIOTAL UUIU	200	U	
0050	MAINLINE	SHOULDERS	7155	1026	MAINLINE, SHOULDER WIDENIN
YOM COLLA		BTOTAL 0050	7155	1026	
				- independent (TG)	

BASE AGGREGATE DENSE 305.0110 211.0400

PREPARE

BASE

HWY: STH 82 Ε COUNTY: JUNEAU MISCELLANEOUS QUANTITIES SHEET PROJECT NO: 5010-06-72 FILE NAME : \\SEHLX\PROJECTS\UZ\W\\WITSW\152333\S-FINAL-DSGN\51-DRAWINGS\10-CIVIL\C3D\50100602\SHEETSPLAN\50100672_MQ,DWG LAYOUT NAME - 02 PLOT NAME : PLOT SCALE : 1" = 1'

3

ASPHALT PAVEMENT

						ASI	PHALT PAV	EMENT				
									SPV.0180.02	460.0105.5	460.0105.5	
					460.6223	460.6224		465.0120	REMOVING	HMA PERCENT	HMA PERCENT	
		LOWER	UPPER	455.0605	HMA	HMA	465.0105	ASPHALTIC SURFACE	DISTRESSED	WITHIN LIMITS (PWL)	WITHIN LIMITS (PWL)	
		LAYER	LAYER	TACK	PAVEMENT	PAVEMENT	ASPHALTIC	DRIVEWAYS AND	PAVEMENT	TEST STRIP	TEST STRIP	
		THICHKNESS	THICKNESS	COAT	3 MT 58-28 S	4 MT 58-28 S	SURFACE	FIELD ENTRANCES	MILLING	VOLUMETRICS	DENSITY	
CATEGORY	LOCATION	IN	IN	GAL	TON	TON	TON	TON	SY	EACH	EACH	REMARKS
0010	MAINLINE	×	945	12523		=	<u>~</u>	¥	-	8	*	MAINLINE, MILLED SURFACE
	MAINLINE	2.25	1.75	9029	22755	17698	- 4	8	8	8	3	MAINLINE, BETWEEN LIFTS
	MAINLINE	=	2.75	100	-	-	276	*	1790	*	*	1% OF MAINLINE PAVT
	PROJECT	-	*	:=3	-	-	~	*	-	2	2	ENTIRE PROJECT
	4+44	a	2.75	120	4	2	6	2	2	2	9	INTERSECTION RUMBLE REMOVAL
	6+68	ର	2.75	(*)	(7.)	=	6	5	5	5	9	INTERSECTION RUMBLE REMOVAL
	11+95	4.	2.75	(*)	-	-	6		×	8	*	INTERSECTION RUMBLE REMOVAL
	7+03	2	3.00	127	141	2	2	6	2	2	2	RT, DWY
	8+65	5	3.00	(50)	127		2	8	2	5	ž.	LT, DWY
	8+81	~	3.00	35		-	7	7	-	*	=	RT, DWY
<u></u>	30+71	¥	3.00		*	¥	Ģ.	11	Ş	¥	¥	LT, DWY
	87+82	3	3.00		3	8	8	7	8	2	3	LT, DWY
	89+45	-	3.00	100	-			8	5.	5	=	LT, DWY
	108+68		3.00	:+:		-	¥	9	÷	*		LT, DWY
	115+80	6	3.00	127	2	2	2	6	2	2	9	RT, DWY
	160+85		3.00	(*)	-	8	æ	9	2	-	-	LT, DWY
	172+71	-	3.00	(*);	-	-	*	8	×	*	-	LT, DWY
	172+71	-	3.00	2	141	20	2	7	2	¥	2	RT, DWY
	177+48	5	3.00	570	127		2	8	2	2	ž.	LT, DWY
	211+00	*	3.00			-	×	9	*	=	*	LT, DWY
	223+37	¥	3.00	-	19 3	¥	2	6	Ş	ş	¥	LT, DWY
	264+73	=	3.00		3	2	ä	8	8	2	3	LT, DWY
	267+54	-	3.00	***	-	15	.=	7	5.	5	=	RT, DWY
	291+91	2	3.00	140	(=)	-	¥	6	2	*	-	RT, DWY
	303+61	÷	3.00	-	-	2	2	6	2	2	9	RT, DWY
	321+17		3.00	(+)	- 1	8	ā	6	2	=	=	RT, DWY
	322+12	-	3.00	(*)	*	×	*	9	×	*	-	LT, DWY
	381+03	2	3.00	2	4	2	¥	6	2	¥	2	RT, DWY
	387+48	5	3.00	57.0	127	.0	2	9	2		2.	RT, DWY
	392+59	-	3.00					9	*	=	*	LT, DWY
	430+02	2	3.00	-	12.5	12	9	11	≅	¥	2	LT, DWY
	515+65	=======================================	2.75	-	3		2	ž	\$	<u> </u>	<u> </u>	C&G REPLACEMENTS
SUBTOTA	AL CATEGORY 0010	-	2 <u>+</u> 3	21552	22755	17698	296	186	1790	2	2	

PROJECT NO: 5010-06-72 HWY: STH 82 COUNTY: JUNEAU MISCELLANEOUS QUANTITIES SHEET **E**

ASPHALT PAVEMENT (CONTINUED)

									SPV.0180.02	460.0105.S	460.0105.S	
					460.6223	460.6224		465.0120	REMOVING	HMA PERCENT	HMA PERCENT	
		LOWER	UPPER	455.0605	HMA	HMA	465.0105	ASPHALTIC SURFACE	DISTRESSED	WITHIN LIMITS (PWL) WITHIN LIMITS (PWL)	
		LAYER	LAYER	TACK	PAVEMENT	PAVEMENT	ASPHALTIC	DRIVEWAYS AND	PAVEMENT	TEST STRIP	TEST STRIP	
		THICHKNESS	THICKNESS	COAT	3 MT 58-28 S	4 MT 58-28 S	SURFACE	FIELD ENTRANCES	MILLING	VOLUMETRICS	DENSITY	
TEGORY	LOCATION	IN	IN	GAL	TON	TON	TON	TON	SY	EACH	EACH	REMARKS
0050	STA 1+43 - STA 17+48, RT	2.25	1.75	18	45	35	2	2	25	¥	2	WIDEN SHOULDER AREA, 2-F
	STA 18+69 - STA 33+07, RT	2.25	1.75	16	40	31	5	ē	5	5.		WIDEN SHOULDER AREA, 2-I
	STA 33+07 - STA 100+16, RT	2.25	1.75	75	188	146	*	æ	8		3	WIDEN SHOULDER AREA, 2-
	STA 101+55 - STA 181+90, RT	2.25	1.75	89	225	175	2	¥	U U	¥	2	WIDEN SHOULDER AREA, 2-
	STA 191+83 - STA 195+20, RT	2.25	1.75	4	9	7	- 5		8		7.	WIDEN SHOULDER AREA, 2-
	STA 196+35 - STA 210+15, RT	2.25	1.75	15	39	30		-	-	*	~	WIDEN SHOULDER AREA, 2-
	STA 211+49 - STA 216+93, LT	2.25	1.75	6	15	12	-		×	¥	2	WIDEN SHOULDER AREA, 2-
	STA 223+08 - STA 247+15, RT	2.25	1.75	27	67	52	2	2	2	2	=	WIDEN SHOULDER AREA, 2-
	STA 260+33 - STA 342+39, RT	2.25	1.75	91	230	179	:=	ä	*	ē.		WIDEN SHOULDER AREA, 2-
<u>.</u>	STA 343+71 - STA 355+48, RT	2.25	1.75	13	33	26		2	2	*	-	WIDEN SHOULDER AREA, 2-
	STA 356+63 - STA 461+58, RT	2.25	1.75	117	294	229	2	2	2	¥	2	WIDEN SHOULDER AREA, 2-
	STA 462+79 - STA 513+29, RT	2.25	1.75	84	212	165			5	₹.	5	WIDEN SHOULDER AREA, 3-
	STA 1+43 - STA 18+69, LT	2.25	1.75	19	48	38	×	×	2	*	-	WIDEN SHOULDER AREA, 2-
	STA 18+69 - STA 33+07, LT	2.25	1.75	16	40	31	2	2	25	설	2	WIDEN SHOULDER AREA, 2-
	STA 34+29 - STA 65+68, LT	2.25	1.75	35	88	68	5		5	5.	5	WIDEN SHOULDER AREA, 2-
	STA 67+00 - STA 132+59, LT	2.25	1.75	73	184	143	*	æ	8	9.	-	WIDEN SHOULDER AREA, 2-
	STA 133+67 - STA 150+19, LT	2.25	1.75	18	46	36	2	2	2	¥	2	WIDEN SHOULDER AREA, 2-
	STA 151+59 - STA 189+87, LT	2.25	1.75	43	107	83	3		5	8	7.	WIDEN SHOULDER AREA, 2-
	STA 191+18- STA 216+19, LT	2.25	1.75	28	70	54	-			*	*	WIDEN SHOULDER AREA, 2-
	STA 223+54 - STA 243+14, LT	2.25	1.75	22	55	43	-	9	¥	됮	2	WIDEN SHOULDER AREA, 2-
	STA 265+08 - STA 289+45, LT	2.25	1.75	27	68	53	8	2	3	S	8	WIDEN SHOULDER AREA, 2-
	STA 290+76 - STA 382+29, LT	2.25	1.75	102	256	199		a	~	5.		WIDEN SHOULDER AREA, 2-
	STA 383+52 - STA 435+21, LT	2.25	1.75	57	145	113	×	*	~	¥	-	WIDEN SHOULDER AREA, 2-
	STA 436+51 - STA 462+79, LT	2.25	1.75	29	74	57	2	2	25	설	2	WIDEN SHOULDER AREA, 2-
	STA 462+79 - STA 513+89, LT	2.25	1.75	85	215	167		8	5	*	5	WIDEN SHOULDER AREA, 3-
SUB	TOTAL CATEGORY 0050			1109	2793	2172	0	0	0	0	0	
	PROJECT T	OTALS		22661	25548	19870	296	186	1790	2	2	

COUNTY: JUNEAU SHEET Ε HWY: STH 82 PROJECT NO: 5010-06-72 MISCELLANEOUS QUANTITIES

March Marc		RU	JMBLE STRIPS					465.0425		RUN	MBLE STRIPS	
Part				465.0425								465.0450
SUMBLESTRIPS SUMB				ASPHALTIC SHOULDER								
STATION LOCATION LY COSO 345-54-12 LY STATION LOCATION LY COSO 345-54-12 LY STATION STATION LOCATION LY COSO 345-54-12 LY STATION STATION LOCATION LY COSO 345-54-12 LY STATION LOCATION LY COSO LY STATION LY LY LY LY LY LY LY L				RUMBLE STRIPS								
SIADON SIADON STATON CATTON STATON CATTON STATON CATTON STATON				2-LANE RURAL		13/43/C005/6 (000/09/40)	and the same of th	19 May 20 V				
299-644 RISHOLDER 276 972-771 USHOLDER 95 279-76-88 RISHOLDER 564 2505-2807 USHOLDER 295 1937-76-68 RISHOLDER 564 2505-2807 USHOLDER 77 1149 WELKE 25 1937-76-68 RISHOLDER 564 2505-2807 USHOLDER 77 1149 WELKE 25 1937-76-68 RISHOLDER 580 3135-324-99 USHOLDER 1383 8-065-89-78 RISHOLDER 150 580 5380-6519 USHOLDER 1383 8-065-89-91 RISHOLDER 150 690-788-6 680-788-6 1159-00.00 892 10141-1141-1141-1141-1141-1141-1141-114	regory	STATION	LOCATION	LF	0050				CATEGO	ORY STATION	LOCATION	
945-9438 RESPONDER 48 1990-1996 1290-1997 1390-1998 1290-1998 1390-1998 1390-1998 1390-1998 1390-1998 1390-1998 1390-1998 1390-1998 1390-1998 1390-1998 1390-1998 1390-1998 1390-1998 1390-1999 1390-1998 139	050	2+99 - 6+44	RT SHOULDER	276								
1932-1939 NISHOLDER 564 230-2-610 115HOLDER 77 PROJECT TOTALS 75		7+57 - 8+18	RT SHOULDER									
## ## ## ## ## ## ## ## ## ## ## ## ##		9+35 - 16+39	RT SHOULDER									
### ### ### ### ### ### ### ### ### ##			RT SHOULDER							PROJEC	T TOTALS	75
89-05-98-991 RT SHOULDER 1508 534-08-65-19 LTSHOULDER 836 101414-113-108 RTSHOULDER 1176 80-108-77-25 LTSHOULDER 836 116141-113-08 RTSHOULDER 1464 88-84-85 LTSHOULDER 151-1002-113-108-08-115-1002-113-108-71-108-11-108-			RT SHOULDER									
102:14-115-16 RT SHOULDER 1056 684-00-78-146 LT SHOULDER 381												
116-14 - 130-85 RT SHOULDER 176 80-01 - 87-25 LT SHOULDER 41 131-67 - 150-14 RT SHOULDER 1464 88-44 88-45 LT SHOULDER 1440												
131487-15014 RTSHOULDER 1464 884-44-884-55 LTSHOULDER 140 RUMBLE STRIPS 151407-150169 RTSHOULDER 15197-150169 RTSHOULDER 1529 109461-132744 LTSHOULDER 1844 151407-170169 1844 151407-170169 1844 151407-170169 1844 151407-170169 1844 151407-170169 1844 151407-170169 1844 1844 1844-170169 1844 1844-170169 1844 1844-170169 1844 1844-170169 1844 1844-170169 1844 1844-170169 1844 1844-170169 1844												
STIND 15HOZ 15HO												
159-53 - 161-94 RTSHOULDER 192 109-41 - 132-44 LTSHOULDER 1844 1263 1465-00 1627-74 - 172-143 RTSHOULDER 754 133-78 - 149-58 LTSHOULDER 476 147-74 173-748												
162+74-172+13 RTSHOULDER 754 133-78 - 149-188 LTSHOULDER 1263										RUN	MBLE STRIPS	
173+28-181+99 RT SHOULDER 692 152+71-158+67 LT SHOULDER 476 193+71-194+11 RT SHOULDER 87 159+52-160+16 LT SHOULDER 850 CATGORY STATION LOCATION LE 212+05-216+73 RT SHOULDER 375 173+35-176+90 LT SHOULDER 850 CATGORY STATION LOCATION LE 212+05-216+73 RT SHOULDER 375 173+35-176+90 LT SHOULDER 388 0050 2+50-15+95 CL 134 223+79-223+70 RT SHOULDER 662 183+34-189+35 LT SHOULDER 388 19+97-29+72 CL 977 238-61-247+14 RT SHOULDER 662 183+34-189+35 LT SHOULDER 480 35+67-64+27 CL 266 269+32-269+33 RT SHOULDER 480 192+22-210+23 LT SHOULDER 375 268+40-289+57 RT SHOULDER 480 192+22-210+23 LT SHOULDER 375 290+29-291+54 RT SHOULDER 101 223+88-242+97 LT SHOULDER 375 290+29-291+54 RT SHOULDER 101 223+88-242+97 LT SHOULDER 1532 290+29-291+54 RT SHOULDER 101 223+88-242+97 LT SHOULDER 1532 298-51-303-01 RT SHOULDER 360 291+75-321+66 LT SHOULDER 293 192+25-193+80 CL 356 298-51-303-01 RT SHOULDER 360 291+75-321+66 LT SHOULDER 293 192+25-193+80 CL 128 304+83-320+84 RT SHOULDER 135 322+53-347+94 LT SHOULDER 293 192+25-293+80 CL 128 311+53-341+39 RT SHOULDER 1589 3846-63-551-6 LT SHOULDER 293 192+65-266+33 CL 356 339+53-341+39 RT SHOULDER 1589 3846-63-551-8 LT SHOULDER 130 200+65-266+33 CL 356 339+53-384-348 RT SHOULDER 1589 3846-63-551-8 LT SHOULDER 130 200+65-266+33 CL 358 339+53-384-348 RT SHOULDER 1690 3846-63-392+1 LT SHOULDER 190 290+00-69 LT												465.0475
19143-192490 RT SHOULDER												ASPHALTIC CENTE
193-71 - 194-11 RT SHOULDER 40 161-44 - 172+08 LT SHOULDER 284 0050 2+50 - 15+95 CL 134 122-05 - 216+73 RT SHOULDER 375 173+35 - 176+09 LT SHOULDER 284 0050 2+50 - 15+95 CL 134 122-379 - 223+79 RT SHOULDER 1114 178+10 - 182+57 LT SHOULDER 358 19+97 - 29+72 CL 977 286-61 - 247+14 RT SHOULDER 662 183+34 - 189+35 LT SHOULDER 480 35+677 - 64+27 CL 296 266+33 RT SHOULDER 480 192+22 - 210+23 LT SHOULDER 1440 68+28 - 98+85 CL 305 266+33 - 266+33 RT SHOULDER 105 211+49 - 216+19 LT SHOULDER 1440 68+28 - 98+85 CL 305 290-29 - 291+54 RT SHOULDER 101 223+48 - 242+97 LT SHOULDER 1532 135+131 - 148+90 CL 1373 292+27 - 297+78 RT SHOULDER 101 223+48 - 242+97 LT SHOULDER 1532 135+131 - 148+90 CL 1374 292+27 - 297+78 RT SHOULDER 360 291-75 - 321-66 LT SHOULDER 1896 152+90 - 188+52 CL 356 292+30 - 344+94 LT SHOULDER 2393 192+52 - 193+80 CL 128 239+33 - 244+34+94 LT SHOULDER 2393 192+52 - 193+80 CL 128 239+33 - 244+34+94 LT SHOULDER 239 192+52 - 193+80 CL 128 239+33 - 244+34+94 LT SHOULDER 239 192+52 - 193+80 CL 128 248+32 - 248+34+94 LT SHOULDER 239 248+32 - 248+34 RT SHOULDER 1589 348+68 - 356+13 LT SHOULDER 250 224-04 - 34+14 - 34+14 256+45 CL 436 359+52 - 380+66 RT SHOULDER 140 359+21 - 381+79 LT SHOULDER 1805 260-43 - 286+33 CL 588 359+55 - 380+66 RT SHOULDER 140 359+21 - 381+79 LT SHOULDER 160 344-65 - 392+21 LT SHOULDER 160 344-67 - 344-74 CL 491 343-66 - 369+34 RT SHOULDER 322 401-37 - 415+17 LT SHOULDER 109 344-67 - 344-74 CL 491 343-66 - 369+34 RT SHOULDER 322 401-37 - 415+17 LT SHOULDER 109 344-67 - 344-74 CL 491 434-74												RUMBLE STRIP
212+05-216+73 RT SHOULDER 375 173+35-176+90 LT SHOULDER 284 0050 2+50-15+95 CL 134 223+79-237+70 RT SHOULDER 1114 178+10-182+57 LT SHOULDER 358 050 2+50-15+95 CL 97: 238+61-247+14 RT SHOULDER 682 183+34-188+35 LT SHOULDER 480 35+67-64+27 CL 286 260+33-266+33 RT SHOULDER 480 192+22-210+23 LT SHOULDER 1440 68+28-98+85 CL 305 268+40-289+57 RT SHOULDER 105 211+49-216+19 LT SHOULDER 375 102+86-131+13 CL 282 290+29-291+54 RT SHOULDER 101 223+84-242+99 LT SHOULDER 1532 135+13-148+90 CL 137 292+27-297+78 RT SHOULDER 442 265+29-288+97 LT SHOULDER 1896 152+90-188+52 CL 356 298+51-303+01 RT SHOULDER 360 291+75-321+66 LT SHOULDER 2393 192+52-193+80 CL 128 291+39-24-19 RT SHOULDER 1335 322+54-347+94 LT SHOULDER 2393 192+52-193+80 CL 128 291+39-24-19 RT SHOULDER 1589 348+68-356+13 LT SHOULDER 2031 197+80-208+81 CL 110 214-19-19-19-19-19-19-19-19-19-19-19-19-19-												2-LANE RURA
22379 - 237470 RT SHOULDER 1114 178+10-182+57 LT SHOULDER 358 0050 19497 - 29472 CL 937 238+61 - 247+14 RT SHOULDER 682 183+34 - 189+35 LT SHOULDER 480 35+67 - 64+27 CL 286 260+33 - 266+33 RT SHOULDER 480 192+22 - 210+23 LT SHOULDER 1440 662+28 - 98+85 CL 305 C 268+40 - 289+57 RT SHOULDER 105 211+49 - 216+19 LT SHOULDER 375 102+66 - 131+31 CL 282 290+29 - 291+54 RT SHOULDER 101 223+42 - 242+97 LT SHOULDER 1532 135+13 - 148+90 CL 137 292+27 - 297+78 RT SHOULDER 442 265+29 - 288+97 LT SHOULDER 1896 152+90 - 188+52 CL 356 298+51 - 303+01 RT SHOULDER 360 291+75 - 321+66 LT SHOULDER 2993 122+52 - 193+80 CL 128 291+3 - 148+99 RT SHOULDER 1335 322+54 - 347+94 LT SHOULDER 2993 122+52 - 193+80 CL 128 234+13 - 148+99 RT SHOULDER 1899 348+68 - 356+13 LT SHOULDER 291 197+80 - 208+81 CL 110 321+53 - 341+39 RT SHOULDER 1589 348+68 - 356+13 LT SHOULDER 596 212+81 - 256+45 CL 36 354+13 - 354+49 RT SHOULDER 821 356+03 - 358+51 LT SHOULDER 130 260+45 - 266+33 CL 588 357+12 - 358+86 RT SHOULDER 160 359+21 - 381+79 LT SHOULDER 1805 269+33 - 288+00 CL 166 359+55 - 380+66 RT SHOULDER 160 384+65 - 392+21 LT SHOULDER 605 292+00 - 341+14 CL 491 381+36 - 382+34 RT SHOULDER 322 401+37 - 415+17 LT SHOULDER 615 358+07 - 380+87 CL 288 387+85 - 403+92 RT SHOULDER 126 430+463+92 LT SHOULDER 127 HIS SHOULDER 128 384+67 - 330+87 CL 288 387+85 - 403+92 RT SHOULDER 126 430+463+92 LT SHOULDER 104 359+07 - 380+87 CL 288 387+85 - 403+92 RT SHOULDER 126 437+80 - 460+21 CL 248 434+29 - 450+22 RT SHOULDER 1426 439+04 - 463+92 LT SHOULDER 130 PROJECT TOTALS 442 LT SHOULDER 1426 439+04 - 463+92 LT SHOULDER 1997 PROJECT TOTALS 442 LT SHOULDER 1997 PROJECT TOTALS 442 LT SHOULDER 1997 PROJECT TOTALS 442 LT SHOULDER 1997 PROJECT TOTALS 4421 LT SHOULDER 1997 PROJECT TO									CATEGORY	STATION	LOCATION	LF
238+61-247+14 RTSHOULDER 682 183+34-189+35 LTSHOULDER 480 35+67-64+27 CL 286 260+33 - 266+33 - 266+33 - 266+33 RTSHOULDER 480 192+22 - 210+23 LTSHOULDER 1440 68+28-98+85 CL 305 268+40 - 289+57 RTSHOULDER 105 211+49 - 216+19 LTSHOULDER 375 102+86-131+13 CL 282 290+29 - 291+54 RTSHOULDER 101 223+84 - 242+97 LTSHOULDER 1532 135+13 - 148+90 CL 137 292+27 - 297+78 RTSHOULDER 442 265+29 - 288+97 LTSHOULDER 1896 152+90 - 188+52 CL 356 298+51 - 303+01 RTSHOULDER 360 291+75 - 321+66 LTSHOULDER 2393 192+52 - 193+80 CL 128 304+18 - 320+84 RTSHOULDER 1335 322+34+94 LTSHOULDER 2393 192+52 - 193+80 CL 128 321+53 - 341+39 RTSHOULDER 1589 348+68 - 356+13 LTSHOULDER 2031 197+80 - 208+81 CL 110 321+53 - 341+39 RTSHOULDER 1589 348+68 - 356+13 LTSHOULDER 596 212+81 - 256+45 CL 436 344+21 - 354+48 RTSHOULDER 821 356+90 - 358+51 LTSHOULDER 130 260+45 - 266+33 CL 588 359+55 - 380+66 RTSHOULDER 140 359+27 - 381+59 LTSHOULDER 1805 260+45 - 266+33 CL 588 359+55 - 380+66 RTSHOULDER 1690 384+65 - 392+21 LTSHOULDER 1805 260+45 - 266+33 CL 588 338+66 - 387+09 RTSHOULDER 322 401+37 - 415+17 LTSHOULDER 109 384+67 - 382+34 RTSHOULDER 322 401+37 - 415+17 LTSHOULDER 109 384+67 - 380+87 CL 288 383+66 - 387+09 RTSHOULDER 322 401+37 - 415+17 LTSHOULDER 1097 384+48 - 433+80 CL 489 404+67 - 422+51 RTSHOULDER 1267 430+64 - 434+72 LTSHOULDER 1097 384+67 - 338+48 - 433+80 CL 489 404+67 - 422+51 RTSHOULDER 1426 430+64 - 434+72 LTSHOULDER 1097 384+67 - 434+80 CL 489 404+67 - 422+51 RTSHOULDER 1426 430+64 - 434+72 LTSHOULDER 1997 PROJECT TOTALS 4425 4423+29 - 450+22 RTSHOULDER 3922 464+63+497+2 LTSHOULDER 1997 PROJECT TOTALS 4425 4425+513+62 CL 488 450+66 - 460+57 RTSHOULDER 3922 464+63-487+12 LTSHOULDER 1997 PROJECT TOTALS 4425 4425+513+62 CL 488 450+66 - 460+57 RTSHOULDER 3922 464+63-487+12 LTSHOULDER 1997 PROJECT TOTALS 4425 4425+513+62 CL 488 450+66 - 460+57 RTSHOULDER 3922 464+63-487+12 LTSHOULDER 1997 PROJECT TOTALS 4425 4425+513+62 CL 488 450+66 - 460+57 RTSHOULDER 3922 464+63-487+12 LTSHOULDER 1997 PROJECT TOTALS 4425 4425+513+62 CL 4425+513+62 CL									0050	2+50 - 15+95	CL	1345
260+33 - 266+33 RT SHOULDER 480 192+22 - 210+23 LT SHOULDER 1440 68+28 - 98+85 CL 305 268+40 - 289+57 RT SHOULDER 105 211+49 - 216+19 LT SHOULDER 375 102+86 - 131+13 CL 282 290+29 - 291+54 RT SHOULDER 101 223+84 - 242+97 LT SHOULDER 1532 135+13 - 148+90 CL 137 292+27 - 297+78 RT SHOULDER 442 265+29 - 288+97 LT SHOULDER 1532 135+13 - 148+90 CL 356 298+51 - 303+01 RT SHOULDER 360 291+75 - 321+66 LT SHOULDER 239 152+90 - 188+52 CL 356 298+51 - 303+01 RT SHOULDER 360 291+75 - 321+66 LT SHOULDER 239 192+52 - 193+80 CL 128 304+18 - 320+84 RT SHOULDER 1335 322+54 - 347+94 LT SHOULDER 2031 197+80 - 208+81 CL 110 231+53 - 341+39 RT SHOULDER 1335 324+54 - 347+94 LT SHOULDER 2031 197+80 - 208+81 CL 110 241+53 - 341+39 RT SHOULDER 1589 348+68 - 356+13 LT SHOULDER 2031 260+45 - 266+33 CL 588 359+52 - 380+66 RT SHOULDER 140 359+21 - 381+79 LT SHOULDER 1805 260+35 - 268+33 - 288+00 CL 196 359+55 - 380+66 RT SHOULDER 1690 384+65 - 392+21 LT SHOULDER 1805 260+33 - 288+00 CL 196 381+36 - 382+34 RT SHOULDER 1690 384+65 - 392+21 LT SHOULDER 605 292+00 - 341+14 CL 491 381+36 - 382+34 RT SHOULDER 322 401+37 + 415+17 LT SHOULDER 615 345+14 - 345+14 - 415+14 -										19+97 - 29+72	CL	975
268440 - 289457 RT SHOULDER 105 21149 - 216419 LT SHOULDER 375 102486 - 131413 CL 2828 29049 - 291454 RT SHOULDER 410 223484 - 242497 LT SHOULDER 1532 135413 - 148490 CL 137 292427 - 297478 RT SHOULDER 442 265429 - 288497 LT SHOULDER 1896 152490 - 188452 CL 356 298451 - 303401 RT SHOULDER 360 291475 - 321466 LT SHOULDER 2393 192452 - 193480 CL 128 304418 - 320484 RT SHOULDER 1535 322454 - 347494 LT SHOULDER 2031 197450 - 208481 CL 110 321453 - 341439 RT SHOULDER 1589 348468 - 356413 LT SHOULDER 596 212481 - 256445 CL 436 344421 - 354448 RT SHOULDER 821 356490 - 358451 LT SHOULDER 158 357412 - 358486 RT SHOULDER 100 384465 - 392421 LT SHOULDER 1805 26043 - 266433 - 288400 CL 196 359455 - 380466 RT SHOULDER 1690 384465 - 392421 LT SHOULDER 605 292400 - 341141 CL 491 381466 - 382434 RT SHOULDER 322 401437 - 415417 LT SHOULDER 615 345414 - 354407 CL 893 383406 - 387409 RT SHOULDER 322 401437 - 415417 LT SHOULDER 1104 388407 - 380487 CL 288 383406 - 387409 RT SHOULDER 1287 415492 - 429463 LT SHOULDER 1097 384487 - 338487 - 338087 CL 288 387485 - 403492 RT SHOULDER 1426 430446 - 434472 LT SHOULDER 1097 384487 - 338487 - 338087 CL 228 42349 - 450422 RT SHOULDER 1426 430446 - 434472 LT SHOULDER 1097 384487 - 433480 CL 488 450486 - 460457 RT SHOULDER 1426 430446 - 43472 LT SHOULDER 1097 384487 - 433480 CL 488 450486 - 460457 RT SHOULDER 778 439404 - 463497 LT SHOULDER 1097 RT SHOULDER 1426 430446 - 34472 LT SHOULDER 1997 PROJECT TOTALS 4425 442349 - 450422 RT SHOULDER 778 439404 - 463497 LT SHOULDER 1997 PROJECT TOTALS 4425 442349 - 5512430 RT SHOULDER 392 46463 - 487412 LT SHOULDER 1997 PROJECT TOTALS 4425 442349 - 5512430 RT SHOULDER 392 46463 - 487412 LT SHOULDER 1997 PROJECT TOTALS 4425 442349 - 5512430 RT SHOULDER 392 LT SHOULDER 1800 PROJECT TOTALS 4425 1425 1425 1425 1425 1425 1425 1425										35+67 - 64+27	CL	2860
299+29-291+54 RT SHOULDER 101 223+84-242+97 LT SHOULDER 1532 135+13-148+90 CL 137 292+27-297+78 RT SHOULDER 442 265+29-288+97 LT SHOULDER 1896 152+90-188+52 CL 356 298+51-303+01 RT SHOULDER 360 291+75-321+66 LT SHOULDER 2393 192+52-193+80 CL 128 304+18-320+84 RT SHOULDER 1335 32±54-347+94 LT SHOULDER 2031 197+80-208+81 CL 110 321+53-341+39 RT SHOULDER 1589 348+68-356+13 LT SHOULDER 596 212+81-256+45 CL 436 344+21-354+48 RT SHOULDER 821 356+90-358+51 LT SHOULDER 596 212+81-266+55 CL 436 357+12-358+86 RT SHOULDER 140 359+21-381+79 LT SHOULDER 1805 266+33-288+00 CL 158 359+55-380+66 RT SHOULDER 1690 384+65-392+21 LT SHOULDER 605 292+00-341+14 CL 491 381+36-382+34 RT SHOULDER 77 392+99-400+69 LT SHOULDER 615 345+14-354+07 CL 893 383+365-387+09 RT SHOULDER 322 401+37-415+17 LT SHOULDER 1104 358+07-380+87 CL 283 387+85-403+92 RT SHOULDER 1287 415+92-429+63 LT SHOULDER 1097 384+87-433+80 CL 489 404+67-422+51 RT SHOULDER 1426 430+46-434+72 LT SHOULDER 341 437+80-460+21 CL 224 423+29-450+22 RT SHOULDER 2156 437+51-438+35 LT SHOULDER 1997 PROJECT TOTALS 442: 450+66-460+57 RT SHOULDER 778 439+04-463+97 LT SHOULDER 1997 PROJECT TOTALS 442: 463+29-512+30 RT SHOULDER 778 439+04-463+97 LT SHOULDER 1997 PROJECT TOTALS 442:										68+28 - 98+85	CL	3057
292+27 - 297+78 RT SHOULDER 442 265+29 - 288+97 LTSHOULDER 1896 152+90 - 188+52 CL 356 298+51 - 303+01 RT SHOULDER 360 291+75 - 321+66 LTSHOULDER 2393 192+52 - 193+80 CL 128 304+18 - 320+84 RT SHOULDER 1335 322+54 - 347+94 LTSHOULDER 2031 197+80 - 208+81 CL 110 321+53 - 341+39 RT SHOULDER 1589 348+68 - 356+13 LTSHOULDER 596 212+81 - 256+45 CL 436 344+21 - 355+448 RT SHOULDER 821 356+90 - 358+51 LTSHOULDER 130 260+45 - 266+33 CL 588 357+12 - 358+86 RT SHOULDER 140 359+21 - 381+79 LTSHOULDER 1805 268+33 - 288+00 CL 196 359+55 - 380+66 RT SHOULDER 1690 384+65 - 392+21 LTSHOULDER 605 292+00 - 341+14 CL 491 381+36 - 382+34 RT SHOULDER 77 392+99 - 400+69 LTSHOULDER 615 345+14 - 354+07 CL 893 383+06 - 387+09 RT SHOULDER 322 401+37 - 415+17 LTSHOULDER 1104 358+07 - 380+87 CL 288 387+85 - 403+92 RT SHOULDER 1287 415+92 - 429+63 LTSHOULDER 1097 384+87 - 433+80 CL 489 404+67 - 422+51 RT SHOULDER 1426 430+6 - 434+72 LTSHOULDER 68 464+21 - 513+02 CL 488 450+86 - 460+57 RT SHOULDER 778 439+04 - 463+97 LTSHOULDER 1997 PROJECT TOTALS 442: 442+29 - 3512+30 RT SHOULDER 778 439+04 - 463+97 LTSHOULDER 1800 PROJECT TOTALS 442: 445+29 - 512+30 RT SHOULDER 778 439+04 - 463+97 LTSHOULDER 1800 PROJECT TOTALS 442: 445+29 - 512+30 RT SHOULDER 778 439+04 - 463+97 LTSHOULDER 1800 PROJECT TOTALS 442: 445+29 - 512+30 RT SHOULDER 778 439+04 - 463+97 LTSHOULDER 1800 PROJECT TOTALS 442: 445+29 - 512+30 RT SHOULDER 778 465+29 - 513+89 LTSHOULDER 1800										102+86 - 131+13	CL	2827
298+51 - 303+01 RT SHOULDER 360 291+75 - 321+66 LT SHOULDER 2393 192+52 - 193+80 CL 356 304+18 - 320+84 RT SHOULDER 1335 322+54 - 347+94 LT SHOULDER 2031 197+80 - 208+81 CL 110 321+53 - 341+39 RT SHOULDER 1589 384+68 - 356+13 LT SHOULDER 596 212+81 - 256+45 CL 436 344+21 - 354+48 RT SHOULDER 821 356+90 - 358+51 LT SHOULDER 130 260+45 - 266+33 CL 588 357+12 - 358+86 RT SHOULDER 1690 384+65 - 392+21 LT SHOULDER 1805 268+33 - 288+00 CL 196 359+55 - 380+66 RT SHOULDER 1690 384+65 - 392+21 LT SHOULDER 615 222+00 - 341+14 CL 491 381+36 - 382+34 RT SHOULDER 77 392+9 - 400+69 LT SHOULDER 615 358+14 - 354+07 CL 893 387+85 - 403+92 RT SHOULDER 322 401+37 - 415+17 LT SHOULDER 1097 384+87 - 433+80 CL 489 404+67 - 422+51 RT SHOULDER 1426 430+64 - 434+72 LT SHOULDER 341 437+80 - 460+21 CL 224 423+29 - 450+22 RT SHOULDER 2156 437+51 - 438+35 LT SHOULDER 1997 PROJECT TOTALS 482 450+86 - 460+57 RT SHOULDER 392 464+63 - 487+12 LT SHOULDER 1800 CONTINUED LORINGE 392 464+63 - 487+12 LT SHOULDER 1800 CONTINUED LORINGE 392 442+92-513+89 LT SHOULDER 2079										135+13 - 148+90	CL	1377
304+18 - 320+84 RT SHOULDER 1335 322+54 - 347+94 LT SHOULDER 2031 197+82 - 197480 CL 128 128 128 128 128 128 128 128 128 128										152+90 - 188+52	CL	3562
321+33 - 341+39 RT SHOULDER 1589 348+68 - 356+13 LT SHOULDER 596 197480 - 206845 CL 436 344+21 - 354+48 RT SHOULDER 821 356+90 - 358+51 LT SHOULDER 130 260+45 - 266+33 CL 588 357+12 - 358+86 RT SHOULDER 140 359+21 - 381+79 LT SHOULDER 1805 268+33 - 288+00 CL 196 359+55 - 380+66 RT SHOULDER 1690 384+65 - 392+21 LT SHOULDER 605 292+00 - 341+14 CL 491 381+36 - 382+34 RT SHOULDER 77 392+99 - 400+69 LT SHOULDER 615 345+14 - 354+07 CL 893 383+06 - 387+09 RT SHOULDER 322 401+37 - 415+17 LT SHOULDER 1104 358+07 - 380+87 CL 228 387+85 - 403+92 RT SHOULDER 1287 415+92 - 429+63 LT SHOULDER 1097 384+87 - 433+80 CL 489 404+67 - 422+51 RT SHOULDER 1426 430+46 - 443+72 LT SHOULDER 341 437+80 - 460+21 CL 224 423+29 - 450+22 RT SHOULDER 2156 437+51 - 438+35 LT SHOULDER 1997 78 439+04 - 463+97 LT SHOULDER 1997 PROJECT TOTALS 482 450+86 - 460+57 RT SHOULDER 3922 464+63 - 487+12 LT SHOULDER 1800 **CONTINUED*** **CONTINUED*** **CONTINUED*** **CONTINUED*** **TSHOULDER** **TSHOULDER*										192+52 - 193+80	CL	128
344+21-354+48 RTSHOULDER 821 356+90-358+51 LTSHOULDER 130 260+45-266+33 CL 588 357+12-358+86 RTSHOULDER 140 359+21-381+79 LTSHOULDER 1805 268+33-288+00 CL 196 359+55-380+66 RTSHOULDER 1690 384+65-392+21 LTSHOULDER 605 292+00-341+14 CL 491 381+36-382+34 RTSHOULDER 77 392+9-400+69 LTSHOULDER 615 345+14-354+07 CL 893 383+06-387+09 RTSHOULDER 322 401+37-415+17 LTSHOULDER 1104 358+07-380+87 CL 228 387+85-403+92 RTSHOULDER 1287 415+92-429+63 LTSHOULDER 1097 384+87-433+80 CL 489 404+67-422+51 RTSHOULDER 1426 430+46-434+72 LTSHOULDER 341 437+80-460+21 CL 224 423+29-450+22 RTSHOULDER 2156 437+51-438+35 LTSHOULDER 1997 PROJECT TOTALS 488 450+86-460+57 RTSHOULDER 3922 464+63-487+12 LTSHOULDER 1800 **CONTINUED*** **CONTINUED*** **CONTINUED*** **TSHOULDER** **TSHOULDER										197+80 - 208+81	CL	1101
357+12 - 358+86 RT SHOULDER 140 359+21 - 381+79 LT SHOULDER 1805 268+33 - 288+30 CL 196 359+55 - 380+66 RT SHOULDER 1690 384+65 - 392+21 LT SHOULDER 605 292+00 - 341+14 CL 491 381+36 - 382+34 RT SHOULDER 77 392+99 - 400+69 LT SHOULDER 615 345+14 - 354+07 CL 893 383+06 - 387+09 RT SHOULDER 322 401+37 - 415+17 LT SHOULDER 1104 358+07 - 380+87 CL 228 387+85 - 403+92 RT SHOULDER 1287 415+92 - 429+63 LT SHOULDER 1097 384+87 - 433+80 CL 489 404+67 - 422+51 RT SHOULDER 1426 430+46 - 434+72 LT SHOULDER 341 437+80 - 460+21 CL 224 423+29 - 450+22 RT SHOULDER 2156 437+51 - 438+35 LT SHOULDER 197 463+29 - 1512+30 RT SHOULDER 3922 464+63 - 487+12 LT SHOULDER 1800 CONTINUED **CONTINUED** **CONTINUED** **THOULDER*** **THOULDER*** **THOULDER*** **THOULDER** **THOULDER* **THOULD										212+81 - 256+45	CL	4364
359+55 - 380+66 RT SHOULDER 1690 384+65 - 392+21 LT SHOULDER 605 292+00 - 341+14 CL 491 381+36 - 382+34 RT SHOULDER 77 392+99 - 400+69 LT SHOULDER 615 345+14 - 354+07 CL 893 383+06 - 387+09 RT SHOULDER 322 401+37 - 415+17 LT SHOULDER 1104 358+07 - 380+87 CL 228 387+85 - 403+92 RT SHOULDER 1287 415+92 - 429+63 LT SHOULDER 1097 384+87 - 433+80 CL 489 404+67 - 422+51 RT SHOULDER 1426 430+46 - 434+72 LT SHOULDER 341 437+80 - 460+21 CL 224 423+29 - 450+22 RT SHOULDER 2156 437+51 - 438+35 LT SHOULDER 68 464+21 - 513+02 CL 488 450+86 - 460+57 RT SHOULDER 778 439+04 - 463+97 LT SHOULDER 1997 PROJECT TOTALS 4425 425+03 RT SHOULDER 3922 464+63 - 487+12 LT SHOULDER 1800 CONTINUED CONTINUED 150+00-10-10-10-10-10-10-10-10-10-10-10-10-1										260+45 - 266+33	CL	588
381+36 - 382+34 RT SHOULDER 77 392+99 - 400+69 LT SHOULDER 615 345+14 - 354+07 CL 893 383+06 - 387+09 RT SHOULDER 322 401+37 - 415+17 LT SHOULDER 1104 358+07 - 380+87 CL 228 387+85 - 403+92 RT SHOULDER 1287 415+92 - 429+63 LT SHOULDER 1097 384+87 - 433+80 CL 489 404+67 - 422+51 RT SHOULDER 1426 430+46 - 434+72 LT SHOULDER 341 437+80 - 460+21 CL 224 423+29 - 450+22 RT SHOULDER 2156 437+51 - 438+35 LT SHOULDER 68 464+21 - 513+02 CL 488 450+86 - 460+57 RT SHOULDER 778 439+04 - 463+97 LT SHOULDER 1997 PROJECT TOTALS 442! 463+29 - 512+30 RT SHOULDER 392 LT SHOULDER 1800										268+33 - 288+00	CL	1967
383+06 - 387+09 RT SHOULDER 322 401+37 - 415+17 LT SHOULDER 1104 358+07 - 380+87 CL 228 387+85 - 403+92 RT SHOULDER 1287 415+92 - 429+63 LT SHOULDER 1097 384+87 - 433+80 CL 489 404+67 - 422+51 RT SHOULDER 1426 430+46 - 434+72 LT SHOULDER 341 437+80 - 460+21 CL 224 423+29 - 450+22 RT SHOULDER 2156 437+51 - 438+35 LT SHOULDER 68 464+21 - 513+02 CL 488 450+86 - 460+57 RT SHOULDER 778 439+04 - 463+97 LT SHOULDER 1997 PROJECT TOTALS 4425 A63+29 - 512+30 RT SHOULDER 3922 464+63 - 487+12 LT SHOULDER 1800 CONTINUED CONTINUED 259										292+00 - 341+14	CL	4914
387+85 - 403+92 RT SHOULDER 1287 415+92 - 429+63 LT SHOULDER 1097 384+87 - 433+80 CL 489 404+67 - 422+51 RT SHOULDER 1426 430+46 - 434+72 LT SHOULDER 341 437+80 - 460+21 CL 224 423+29 - 450+22 RT SHOULDER 2156 437+51 - 438+35 LT SHOULDER 68 450+86 - 460+57 RT SHOULDER 778 439+04 - 463+97 LT SHOULDER 1997 PROJECT TOTALS 4425 463+29 - 512+30 RT SHOULDER 3922 464+63 - 487+12 LT SHOULDER 1800 CONTINUED 487+92 - 513+89 LT SHOULDER 2079										345+14 - 354+07	CL	893
404+67 - 422+51 RT SHOULDER 1426 430+46 - 434+72 LT SHOULDER 341 437+80 - 460+21 CL 224 423+29 - 450+22 RT SHOULDER 2156 437+51 - 438+35 LT SHOULDER 68 464+21 - 513+02 CL 488 450+86 - 460+57 RT SHOULDER 778 439+04 - 463+97 LT SHOULDER 1997 PROJECT TOTALS 4425 463+29 - 512+30 RT SHOULDER 3922 464+63 - 487+12 LT SHOULDER 1800 CC 487+92 - 513+89 LT SHOULDER 2079												2280
423+29 - 450+22 RT SHOULDER 2156 437+51 - 438+35 LT SHOULDER 68 464+21 - 513+02 CL 488 450+86 - 460+57 RT SHOULDER 778 439+04 - 463+97 LT SHOULDER 1997 PROJECT TOTALS 4425 463+29 - 512+30 RT SHOULDER 3922 464+63 - 487+12 LT SHOULDER 1800 CONTINUED 487+92 - 513+89 LT SHOULDER 2079												4893
450+86 - 460+57 RT SHOULDER 778 439+04 - 463+97 LT SHOULDER 1997 PROJECT TOTALS 4429 - 512+30 RT SHOULDER 3922 464+63 - 487+12 LT SHOULDER 1800 CONTINUED 487+92 - 513+89 LT SHOULDER 2079												2241
463+29 - 512+30 RT SHOULDER 3922 464+63 - 487+12 LT SHOULDER 1800 CONTINUED 487+92 - 513+89 LT SHOULDER 2079									-	2000 A 100 A 1	000000000000000000000000000000000000000	4881
CONTINUED 487+92 - 513+89 LT SHOULDER 2079										PROJECT TO	OTALS	44253
		4031Z3-31Z13U										
PROJECT TOTALS 66914			CONTINUEL	,								

MISCELLANEOUS QUANTITIES

HWY: STH 82

PROJECT NO: 5010-06-72

WISDOT/CADDS SHEET 42

Ε

SHEET

CONCRETE ITEMS

601.0411 602.0405 CONCRETE CONCRETE CURB & GUTTER SIDEWALK 30-INCH TYPED 4-INCH SF CATEGORY STATION - STATION LF REMARKS 515+45-515+89, LT 37 257 CTH G, NE CORNER 515+45-515+82, RT 36 172 CTH G, SE CORNER 73 429 PROJECT TOTAL

628.1910 628.1905 **EMERGENCY** MOBILIZATION MOBILIZATIONS EROSION CONTROL EROSION CONTROL CATEGORY LOCATION (EACH) (EACH) PROJECT

3

1

EROSION CONTROL MOBILIZATION

WARNING FIELD

602.0515 DETECTABLE WARNING FIELD NATURAL PATINA

CATEGORY LOCATION SF 0010 515+65, LT 20 515+65, RT 20 PROJECT TOTALS 40

FINISHING ITEMS

0010

PROJECT TOTALS

628.2008 628.7015 628.7504 625.0500 628.1504 **EROSION MAT** INLET TEMPORARY 629.0210 630.0120 630.0140 630.0200 630.0500 SEED SALVAGED SILT URBAN CLASS I PROTECTION DITCH FERTILIZER SEEDING SEEDING SEEDING SEED <u>AREA</u> TOPSOIL **FENCE** TYPE B TYPE C **CHECKS** TYPE B NO. 40 **TEMPORARY** WATER NO. 20 CATEGORY LOCATION (SF) SY EACH (MGAL) (SY) LF (CWT) (LB) (LB) (LB) NOTES 4 WING WALL REPLACEMENTS 0010 B-29-0061 8400 933 100 933 48 0.6 26 26 21 B-29-0062 4200 467 50 467 24 0.3 13 13 11 2 WING WALL REPLACEMENTS 8400 933 48 26 B-29-0063 933 100 0.6 26 21 4 WING WALL REPLACEMENTS 641 515+65, LT/RT 71 72 0.1 2 CURB RAMP REPLACEMENT 515+82, LT/RT CURB RAMP REPLACEMENT PROJECT TOTAL 2405 250 2405 2 120 1.6 65 67 55

BEAM GUARD

614.0400

ADJUSTING

STEEL PLATE

BEAM GUARD

CATEGORY LOCATION LF COMMENT PROJECT 272 5% OF OVERALL RAIL PROJECT TOTALS 272

Ε PROJECT NO: 5010-06-72 HWY: STH 82 COUNTY: JUNEAU MISCELLANEOUS QUANTITIES SHEET $\label{thm:local-projects} $$\sum_{x\in \mathbb{Z}^2} \frac{1}{1-C} \frac$ PLOT DATE : 9/28/2021 12:19 PM PLOT BY: CHARISSA CARLSON PLOT NAME : PLOT SCALE : FILE NAME :

TRAFFIC CONTROL

									643.	0705					
		APPROX.	643.	0300	643.	.0410	643.	.0420	TRAFFIC	CONTROL	643.	0900	643.	1050	
		SERVICE	TRAFFIC	CONTROL	TRAFFIC	CONTROL	TRAFFIC	CONTROL	WARNIN	G LIGHTS	TRAFFIC	CONTROL	TRAFFIC	CONTROL	
	_	PERIOD	DRI	UMS	BARRICA	DES TYPE II	BARRICAE	DES TYPE III	TYF	PΕΑ	SIC	SNS	SIGNS	PCMS	
CATEGORY	PROJECT LOCATION	DAYS	QTY.	DAYS	QTY.	DAYS	QTY.	DAYS	QTY.	DAYS	QTY.	DAYS	QTY.	DAYS	NOTES
0010	PRE-CONSTRUCTION	7	0	0	0	0	0	0	0	0	0	0	2	14	PRIOR TO CONSTRUCTION
	ENTIRE PROJECT AREA	65	0	0	0	0	0	0	0	0	29	1885	0	0	ADVANCED WARNGING
	MILLED SURFACE	32	0	0	0	0	0	0	0	0	30	960	0	0	SDD 15D44, MILLED SURFACES
	DROP OFF SIGNING	32	0	0	0	0	0	0	0	0	2	64	0	0	SDD 15D39, DROP OFF SIGNINGS
	BOX CULVERTS, RT	35	25	875	0	0	0	0	0	0	1	35	0	0	SHOULDER CLOSURES, WING WALL REPLACEMENTS
	BOX CULVERTS,LT	20	25	500	0	0	0	0	0	0	1	20	0	0	SHOULDER CLOSURES, WING WALL REPLACEMENTS
	NORTH CURB RAMP	7	14	98	5	35	1	7	2	14	6	42	0	0	NORTH CURB RAMP
	SOUTH CURB RAMP	7	10	70	3	21	0	0	0	0	2	14	0	0	SOUTH CURB RAMP
	PROJ	ECT TOTALS	,	1543		56		7		14		3020		14	

TEMPORARY PEDESTRIAN

				644.1420	644.	1601	
				TEMPORARY	TEMP	ORARY	
			APPROX.	PEDESTRIAN	PEDES	TRIAN	
			SERVICE	SURFACE	CL	IRB	
			PERIOD	<u>PLYWOOD</u>	<u>RA</u>	<u>MP</u>	
	CATEGORY	STATION	DAYS	SF	QTY	DAY	COMMENT
	0010	515+40, LT	7	63	1	7	NORTH CURB RAMP
•	PRC	JECT TOTAL	.S	63		7	

COUNTY: JUNEAU Ε HWY: STH 82 SHEET PROJECT NO: 5010-06-72 MISCELLANEOUS QUANTITIES

MARKING LINE ITEMS

						646.1	.040						
						MARKIN	G LINE	**64	6.452			646.7520	
				*646	.1020	GROC	OVED	MARKI	NG LINE	646.3020	646.6120	MARKING	
				MARKII	NG LINE	WET	REF	SAM	E DAY	MARKING LINE	MARKING	CROSSWALK	
				EPOXY	4-INCH	EPOXY 4	1-INCH	EPOXY	4-INCH	EPOXY 8-INCH	STOP LINE	LADDER	
				SOLID	SKIPS	SOLID	SKIPS	SOLID	SKIPS	SOLID	EPOXY	PATTERN	
		CL		YELLOW	YELLOW	WHITE	WHITE	YELLOW	YELLOW	WHITE	18-INCH	24-INCH	
CATEGORY	STATION - STATION	LENGTH	LOCATION	LF	LF	LF	LF	LF	LF	LF	LF	LF	REMARKS
0010	1+43 - 54+23	5,280	CL	10560	-	-	-	10,560	-	-	-	-	
_	1+43 - 54+23		LT/RT	-	-	10314	43	-	-	-	-	-	CLEAVER RD INTERSECTION SKIPS
	54+23 - 107+03	5,280	CL	9060	375	-	-	2,292	-	-	-	-	
_	54+23 - 107+03		LT/RT	-	-	10288	-	-	-	-	-	-	
	107+03 - 159+83	5,280	CL	8160	600	-		3,728	383	-	-	-	
_	107+03 - 159+83		LT/RT		-	10348	44		-	-	-	-	NELSON RD INTERSECTION SKIPS
	159+83 - 212+63	5,280	CL	8942	405	-	-	8,942	405	-	-	-	
_	159+83 - 212+63		LT/RT	-	-	10176	-	-	-	-	-	-	
	212+63 - 265+43	5,280	CL	8191	593	-	-	8,191	593	-	-	-	
_	212+63 - 265+43		LT/RT	=	-	10472	=	=	=	=	=	=	
	265+43 - 318+23	5,280	CL	10154	51	-	-	10,154	51	-	-	-	
_	265+43 - 318+23		LT/RT	-	-	10433	-	-	-	-	-	-	
	318+23 - 371+03	5,280	CL	903	1320	-	-	903	1,320	-	-	=	
_	318+23 - 371+03		LT/RT	=	-	10319	=	=	=	=	=	-	
	371+03 - 423+83	5,280	CL	-	1320	-	-	-	1,320	-	-	-	
_	371+03 - 423+83		LT/RT	-	-	10432	-	-	-	-	-	-	
	423+83 - 476+63	5,280	CL	-	1320	-	-	-	1,320	-	-	-	
_	423+83 - 476+63		LT/RT	-	-	10309	-	-	-	=	-	=	
	476+63 - 516+00	3,937	CL	874	953	-	-	874	953	-	-	-	
	476+63 - 516+00		LT/RT	-	-	7548	-	-	-	103	52	195	CTH G INTERSECTION
	PROJECT TO	TALS		637	781	100,	726	51,	989	103	52	195	

^{*} APPLIED AFTER CENTERLINE RUMBLE STRIPS ARE INSTALLED

^{**} THE AREA OF FRICTION SURFACE TREATMENT IS EXCLUEDED, TEMPORARY EPOXY TO BE USED FOR THAT AREA PRIOR TO FRICTION TREATMENT

ASPHALT

CATEGORY STATION

LOCATION

CONCRETE

LF

REMARKS

WISDOT/CADDS SHEET 42

N	LOCATION	LF	LF	LF	LF	LF	LF
		YELLOW	YELLOW	WHITE	YELLOW	YELLOW	WHITE
		SOLID	SKIPS	SOLID	SOLID	SKIPS	TAPE 8-INCH
		PAINT 4	<u>I-INCH</u>	E	POXY4-INC	H	REMOVABLE
		MARKIN	IG LINE	N	1ARKING LII	ΝE	MARKING LINE
		TEMPO	RARY		TEMPORAR	1	TEMPORARY
		649.0	105*		649.0120*	*	649.0250

			SOLID	SKIPS	SOLID	SOLID	SKIPS	TAPE 8-INCH	
			YELLOW	YELLOW	WHITE	YELLOW	YELLOW	WHITE	
CATEGORY	STATION - STATION	LOCATION	LF	LF	LF	LF	LF	LF	REMARKS
0010	1+43 - 54+23	CL	10,560	0	-	-	-	-	4' SKIPS 50' C-C
	54+23 - 107+03	CL	5,633	22	-	-	-	-	4' SKIPS 50' C-C
	65+69 - 133+54	CL/LT/RT	-	-	13,424	11,091	620	-	PRIOR TO FRICTION SURFACE TREATMENT
	107+03 - 159+83	CL	8,123	49	-	-	-	-	4' SKIPS 50' C-C
	159+83 - 212+63	CL	8,942	33	-	-	-	-	4' SKIPS 50' C-C
	212+63 - 265+43	CL	8,191	48	-	-	-	-	4' SKIPS 50' C-C
	265+43 - 318+23	CL	10,154	5	-	-	-	-	4' SKIPS 50' C-C
	318+23 - 371+03	CL	903	106	-	-	-	-	4' SKIPS 50' C-C
	371+03 - 423+83	CL	0	106	-	-	-	-	4' SKIPS 50' C-C
	423+83 - 476+63	CL	0	106	-	-	-	-	4' SKIPS 50' C-C
	476+63 - 516+00	CL	874	77	-	-	-	-	4' SKIPS 50' C-C
	515+95	-	-	-	-	-	-	240	TEMPORARY CROSSWALK
_(CROSSING AT EBERLEIN DR	-	-	-	-	-	-	110	TEMPORARY CROSSWALK
	SUBTOTAL		53,9	932		25,135		350	

25,135

51435

PROJECT TOTALS

107,864

CONSTRUCTION STAKING

350

							650.9910	
					650.8000		CONSTRUCTION	
LOCA	TING NO PASS	SING ZONES			CONSTRUCTION	650.9000	STAKING	
		648.0100			STAKING	CONSTRUCTION	SUPPLEMENTAL	
		LOCATING			RESURFACING	STAKING	CONTROL	
		NO-PASSING ZONES			REFERENCE	CURB RAMPS	(PROJECT)	
CATEGORY	STATION	MI	CATEGORY	STATION - STATION	LF	EACH	LS	REMARKS
0010	1+43 - 515+78	9.74	0010	1+43 - 515+78	51435		1	MAINLINE
PROJEC	T TOTALS	9.74		515+65, LT/RT	-	2	-	CTH G INTERSECTION RAMPS

PROJECT TOTALS

CATEGORY	STATION	LOCATION	LF	LF	REMARKS
0010	1+41	CL	45	-	BEGIN PROJECT
	7+03	RT, DWY	14	2	828
	8+65	LT, DWY	28	-	150
	8+81	RT, DWY	17	-	3#1
	17+94	MILLER RD	69	¥.	
	30+71	LT, DWY	44	-	38
	33+62	CLEAVER RD	71	-	(6)
	66+33	KLIPSTEIN RD	70	-	**
	87+82	LT, DWY	20		33
	89+45	LT, DWY	24	-	
	100+84	DELANEY RD	77	-	
	108+68	LT, DWY	32	12	227
	115+80	RT, DWY	20		•
	133+18	WEISSPHENI RD	44	-	100
	150+92	NELSON RD	84	¥	2.0
	160+85	LT, DWY	29	-	37.
	172+71	LT, DWY	21	-	1.0
	172+71	RT, DWY	25	2	S¥-3
	177+48	LT, DWY	23	8	
	190+56	GOOD HILL RD	77	-	
	195+87	OVERGAARD RD	68	120	340
	210+83	NORWAY RD	75	12.	523
	211+00	LT, DWY	32	18	100
	223+37	LT, DWY	22	8	
	258+42	HEINEMAN RD	46	1.0	**
	264+73	LT, DWY	22	150	888
	267+54	RT, DWY	26	~	
	290+04	JOHNSON RD	68	2	
	291+91	RT, DWY	19	8	-
	303+61	RT, DWY	15	-	3**
	321+17	RT, DWY	16	Ξ.	
	322+12	LT, DWY	31	4	-
	343+12	HALE RD	69	-	1+1
	356+06	RULANDRD	57	2	-
	381+03	RT, DWY	17	2	2
	382+84	FELLAND RD	69	. 5	873
	387+48	RT, DWY	31	-	
	392+59	LT, DWY	27	4	12
	430+02	LT, DWY	45	1.5	
	435+78	BROKUP RD	69		
	462+23	DLASK RD	65	2	820
	515+03	ATTEWELL ST	78	15	252
	515+02	CTH G	92		1+1
	515+78	STH 82/GREYSIDE AVE	51	2	END PROJECT
	515+65	C&G REPLACEMENT	79	÷	C&G REPLACEMENT
	515+66	NE CURB RAMP	*	17	C&G, SIDEWALK
	515+66	SE CURB RAMP	-	15	C&G, SIDEWALK

5010-06-72 COUNTY: JUNEAU MISCELLANEOUS QUANTITIES SHEET PROJECT NO: HWY: STH 82 \\SEHLX\PROJECTS\UZ\W\WITSW\152333\5-FINAL-DSGN\51-DRAWINGS\10-CIVIL\C3D\50100602\SHEETSPLAN\50100672_MQ.DWG LAYOUT NAME - 09 PLOT DATE : 9/28/2021 12:20 PM PLOT BY: CHARISSA CARLSON PLOT NAME : PLOT SCALE : 1" = 1'

^{*} TOTAL QUANTITY IS APPLIED 2 TIMES OVER CONSTRUCTION TIMEFRAME OF JOB (MILLED SURFACE & 1ST LIFT)

^{**} APPLIED ON FINAL SURFACE LAYER TO ALLOW FOR 30 DAY PAVT CURE TIME PRIOR TO ASPHALTIC BINDER ENHANCED FRICTION SURFACE TREATMENT

WATER

624.0100

WATER CATEGORY LOCATION MGAL 74 PROJECT PROJECT TOTALS 74

FRICTION SURFACE TREATMENT

SPV.0180.01

ASPHALTIC BINDER

ENHANCED FRICTION

SURFACE TREATMENT

CATEGORY LOCATION SY COMMENT 0010 65+69 - 133+54 19480 KLIPSTEIN RD TO WEISSPHENI RD PROJECT TOTALS 19480

SECTION CORNERS

			*SPV.0060.01	*SPV.0060.02
			LANDMARK	VERIFY
			REFERENCE	LANDMARK
			MONUMENTS	REFERENCE
			SPECIAL	MONUMENTS
CATEGORY	STATION	LOCATION	EACH	EACH
0010	177+65	9 FT, LT	1	1
	330+25	CL	1	1
	356+21	CL	1	1
	382+82	CL	1	1
	409+21	16 FT, LT	1	1
	435+69	22 FT, LT	1	1
	462+26	30 FT, LT	1	1
	488+69	CL	1	1
	515+02	31 FT. RT	1	1

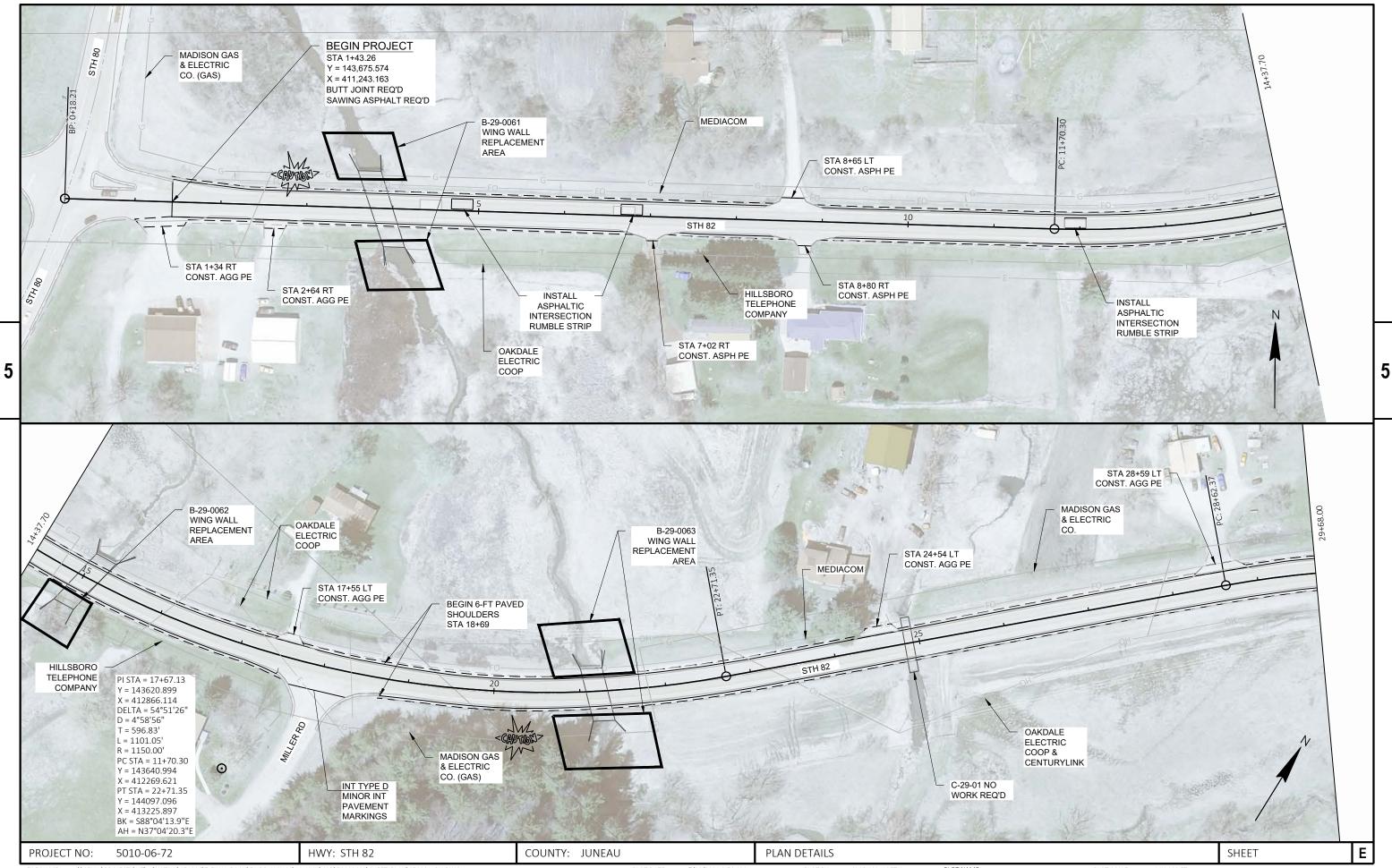
*LOCATION APPROXIMATE, TO BE DETERMINED BY CONTRACTOR IN FIELD

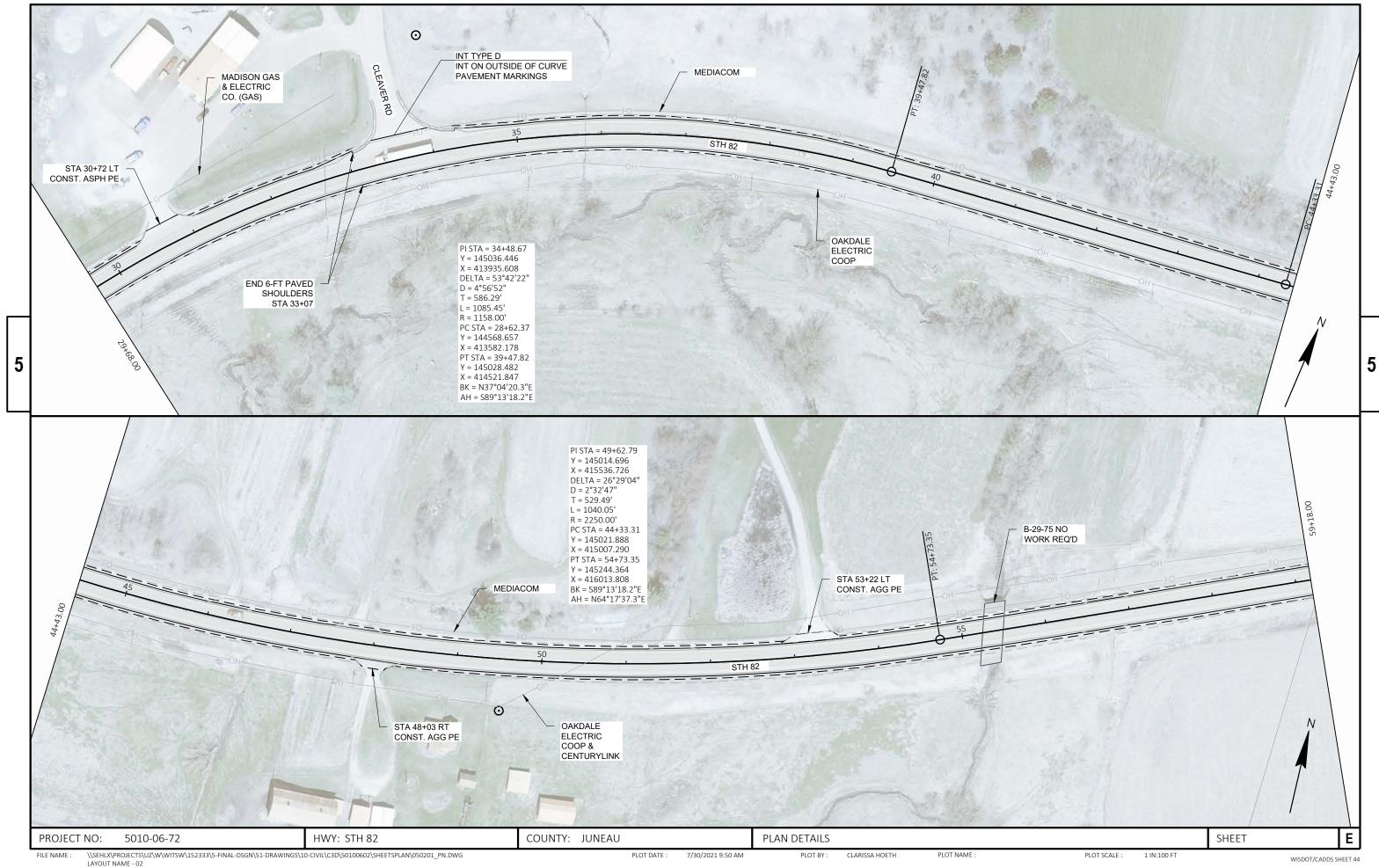
HMA PWL MIXTURE ACCEPTANCE

		Mixture	Underlying				Quality Management Pr	ogram to be used for:
Location	Station	Use:	Surface	Bid Item	PIONS	1 hickness	Mixture Acceptance	Density Acceptance
12 FT DRIVING LANE	S*A 1+43 - S*A 515+81	UPPER LAYER	3 M1 58-28 S	4 Mi 58-28 S	6/22	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005
12 FT DRIVING LANE	STA 1+43 - STA 515+81	LOWER LAYER	MILLED EXISTING HMA SURFACE	3 MT 58-28 S	8642	2.25"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005
5 FT SHOULDER	STA 1+43 - STA 462+77 & STA & STA 514+44 - STA 515+81	UPPER LAYER	3 M=58-28 S	4 M⊤58-28 S	45 9 9	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance Testing by the Department; Not eligible for incentive or disincentive
5 FT SHOULDER	STA 1+43 - STA 462+77 & STA & SIA 514+44 - SIA 515+81	LOWER LAYER	MILLED EXISTING HMA SURFACE	3 MT 58-28 S	5918	2.25"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance Testing by the Department Not eligible for incentive or disincentive
6 FT SHOULDER	STA 4G2+77 - STA 514+44	UPPER LAYER	3 MT58-28 S	4 MT 58-28 S	664	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance Testing by the Department, Not eligible for incentive or disincentive
6 FT SHOULDER	STA 462+77 - STA 514+44	LOWER LAYER	MILLED EXISTING HMA SURFACE	3 MT 58-28 S	853	2.25"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance Testing by the Department Not eligible for incentive or disincentive

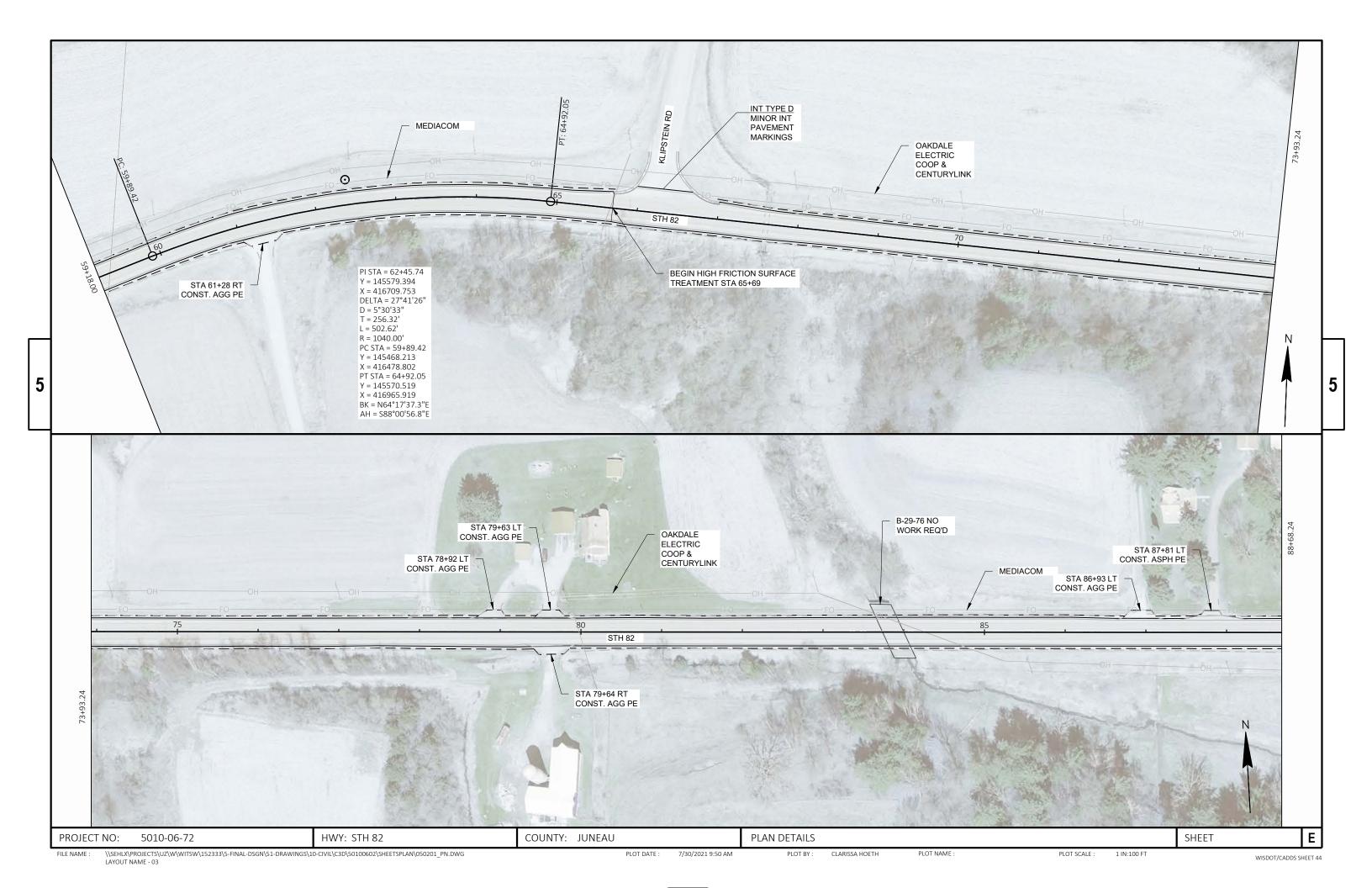
PROJECT NO: 5010-06-72 HWY: STH 82 COUNTY: JUNEAU MISCELLANEOUS QUANTITIES SHEET PLOT DATE : 9/28/2021 12:20 PM PLOT BY: CHARISSA CARLSON PLOT NAME :

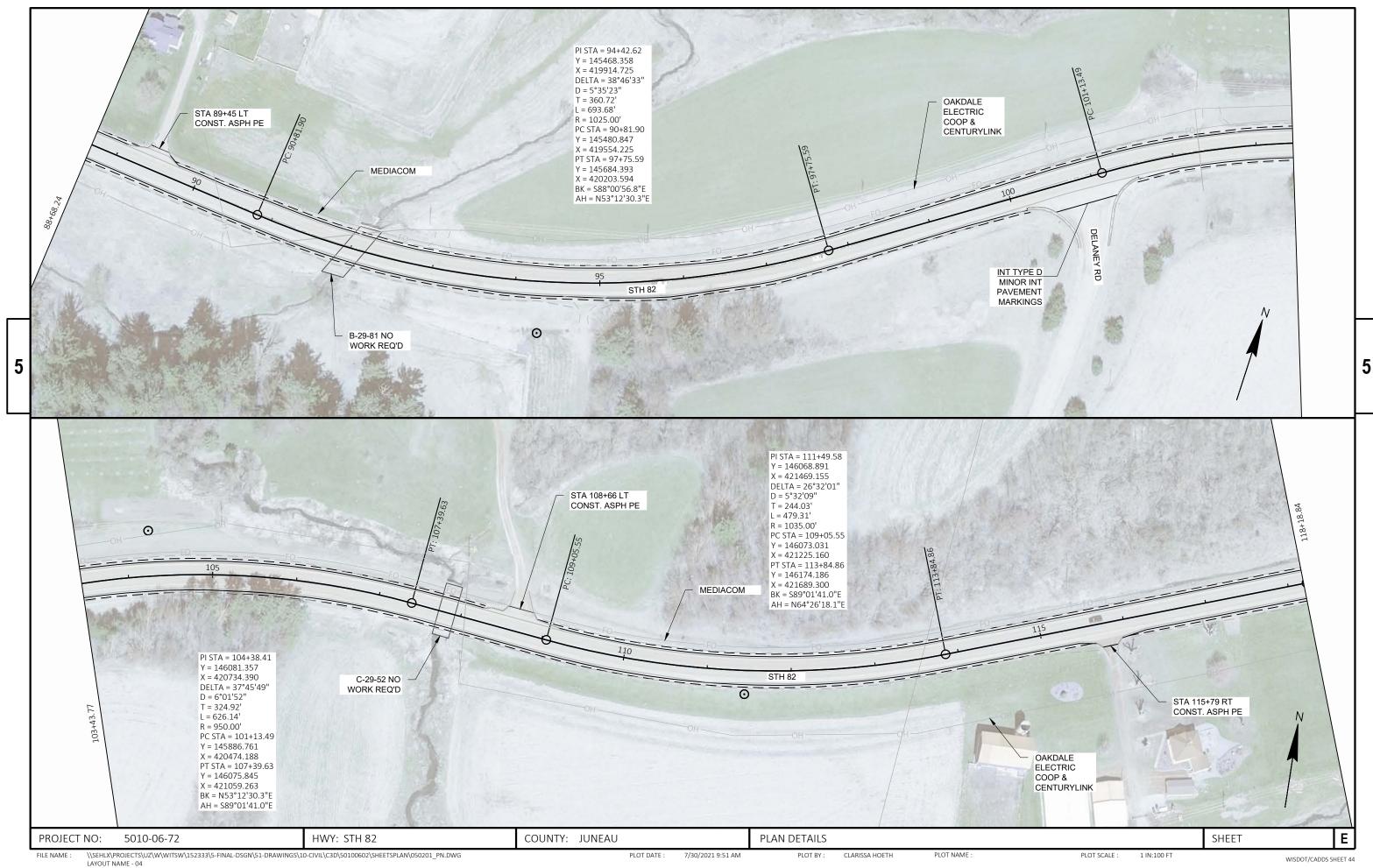
PROJECT TOTALS

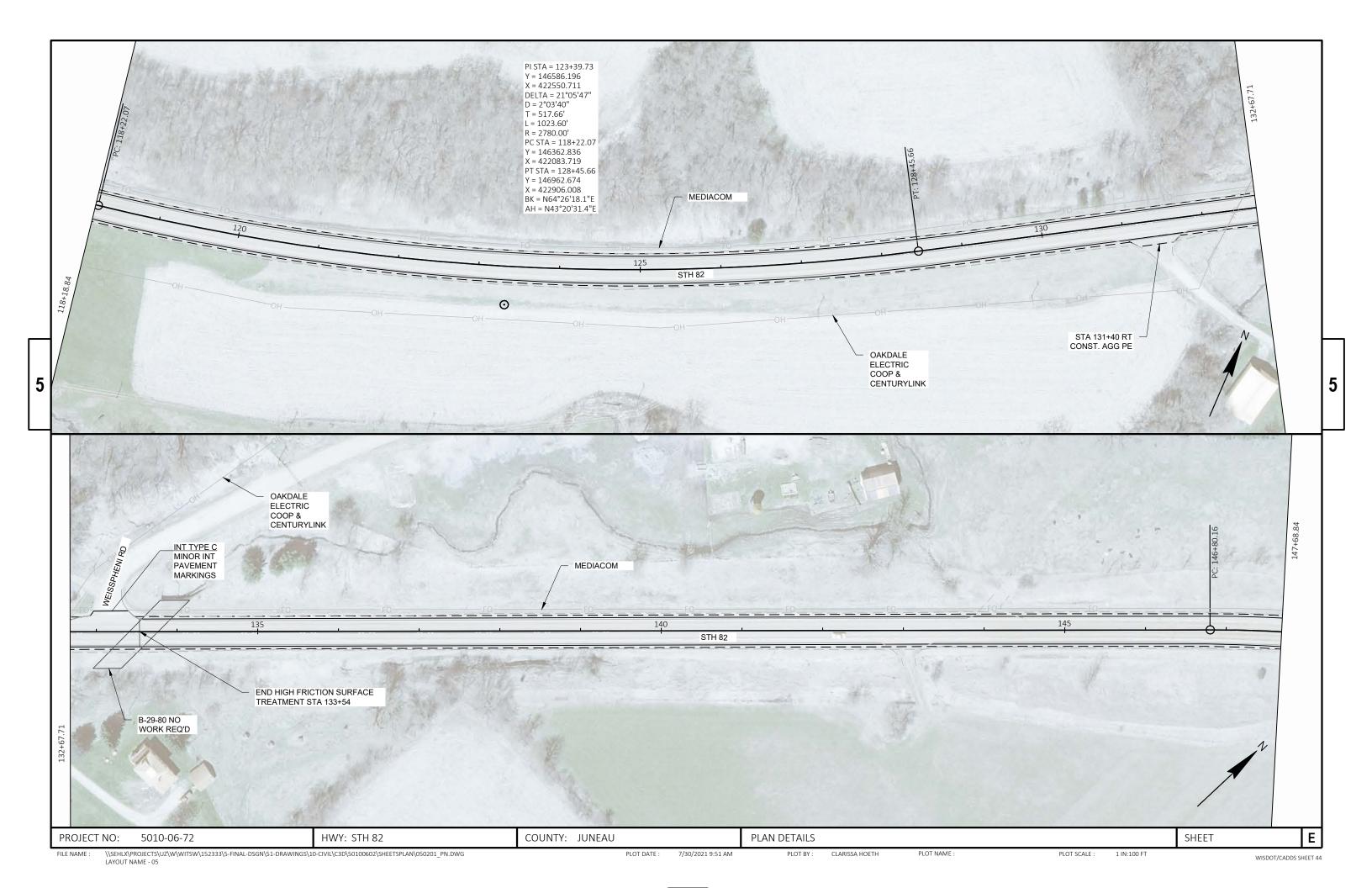


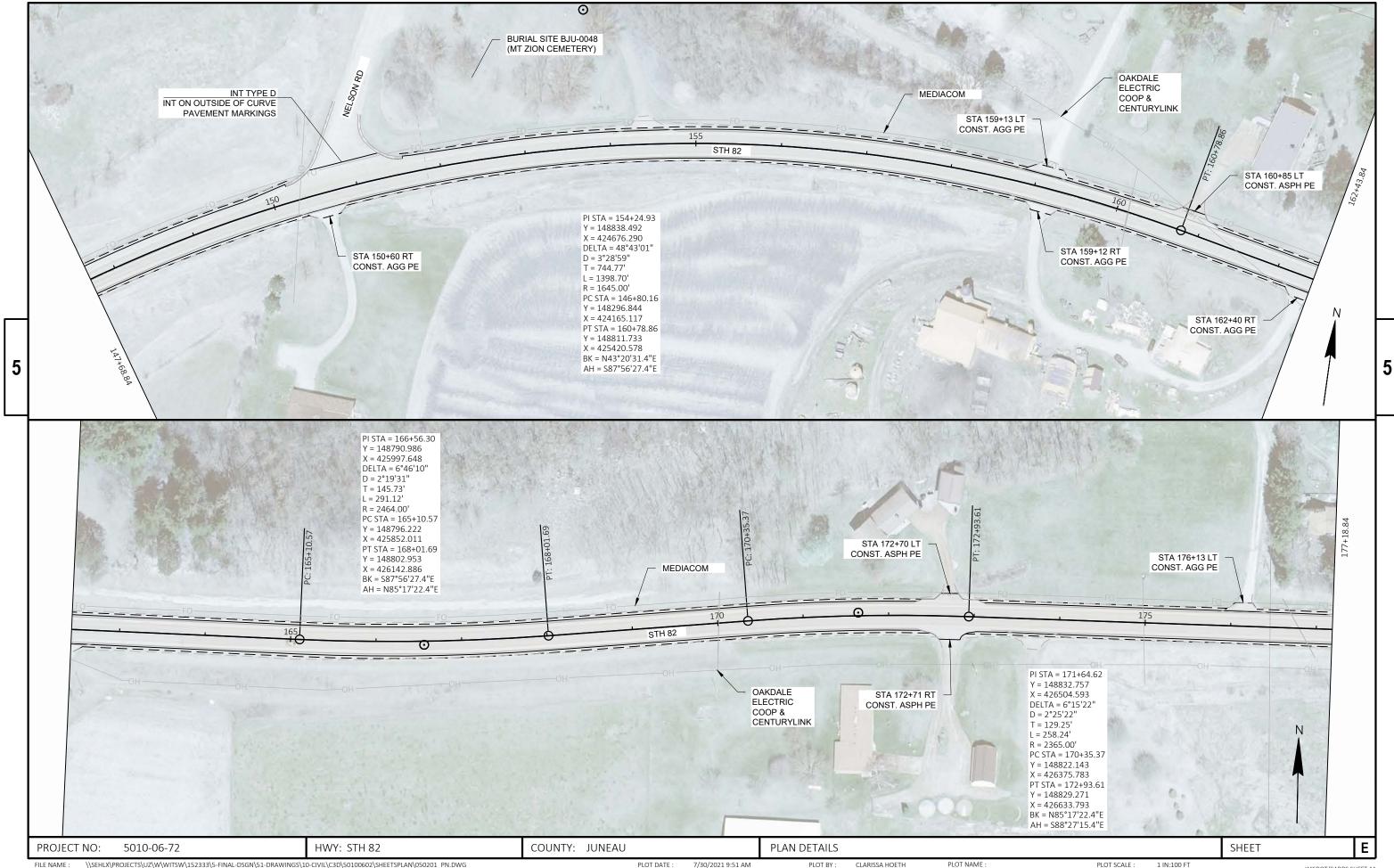


WISDOT/CADDS SHEET 44

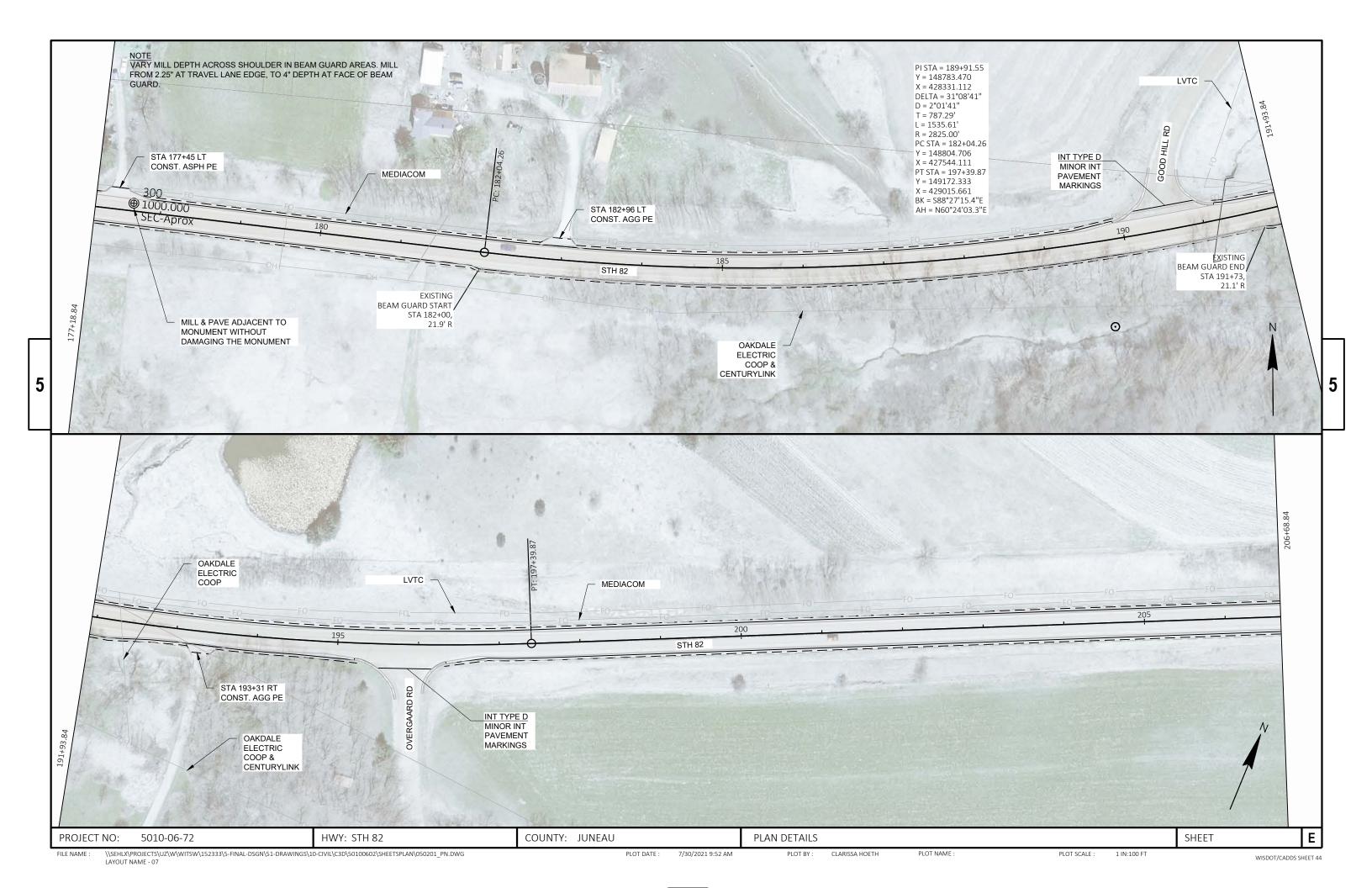


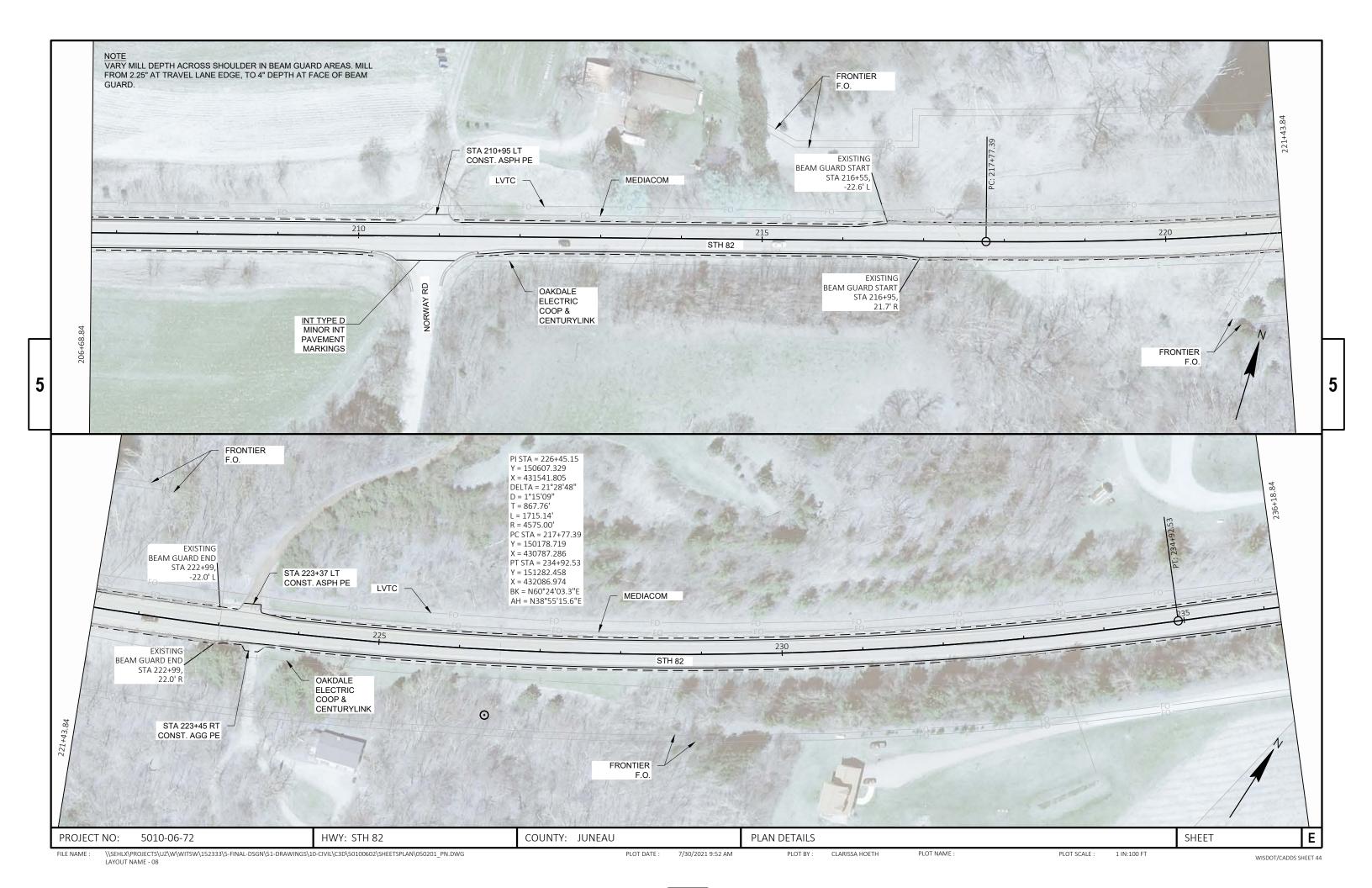


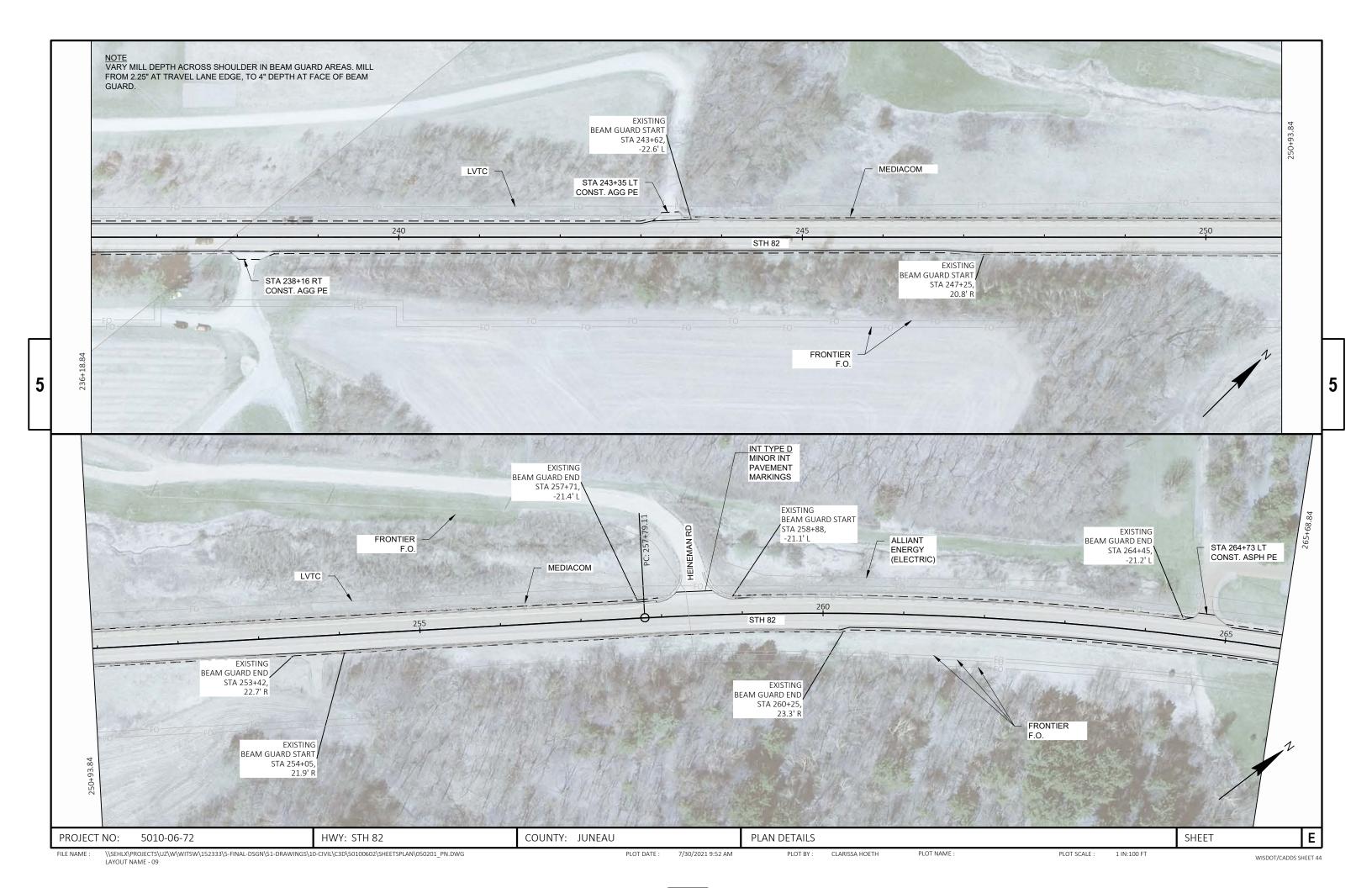


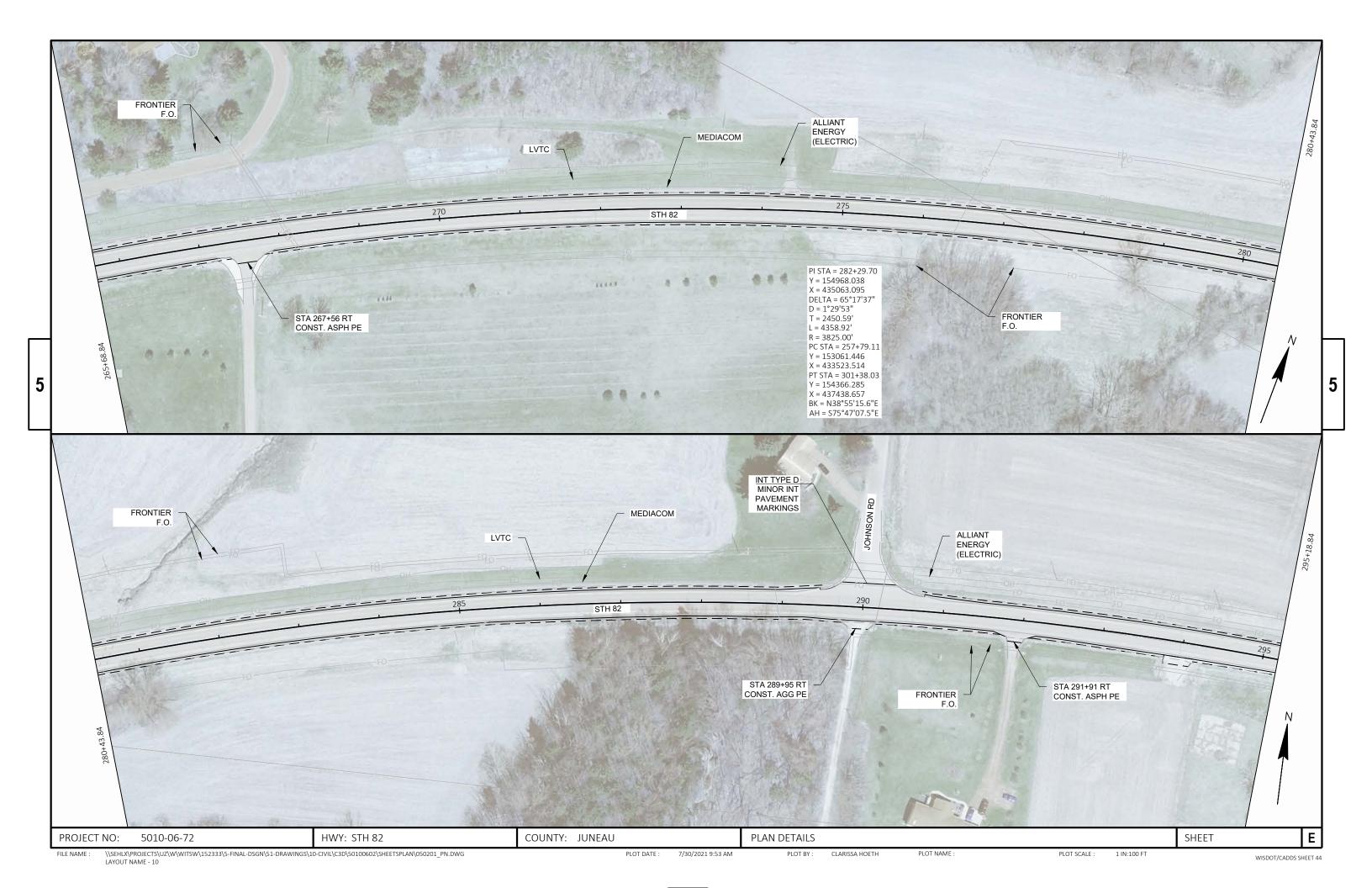


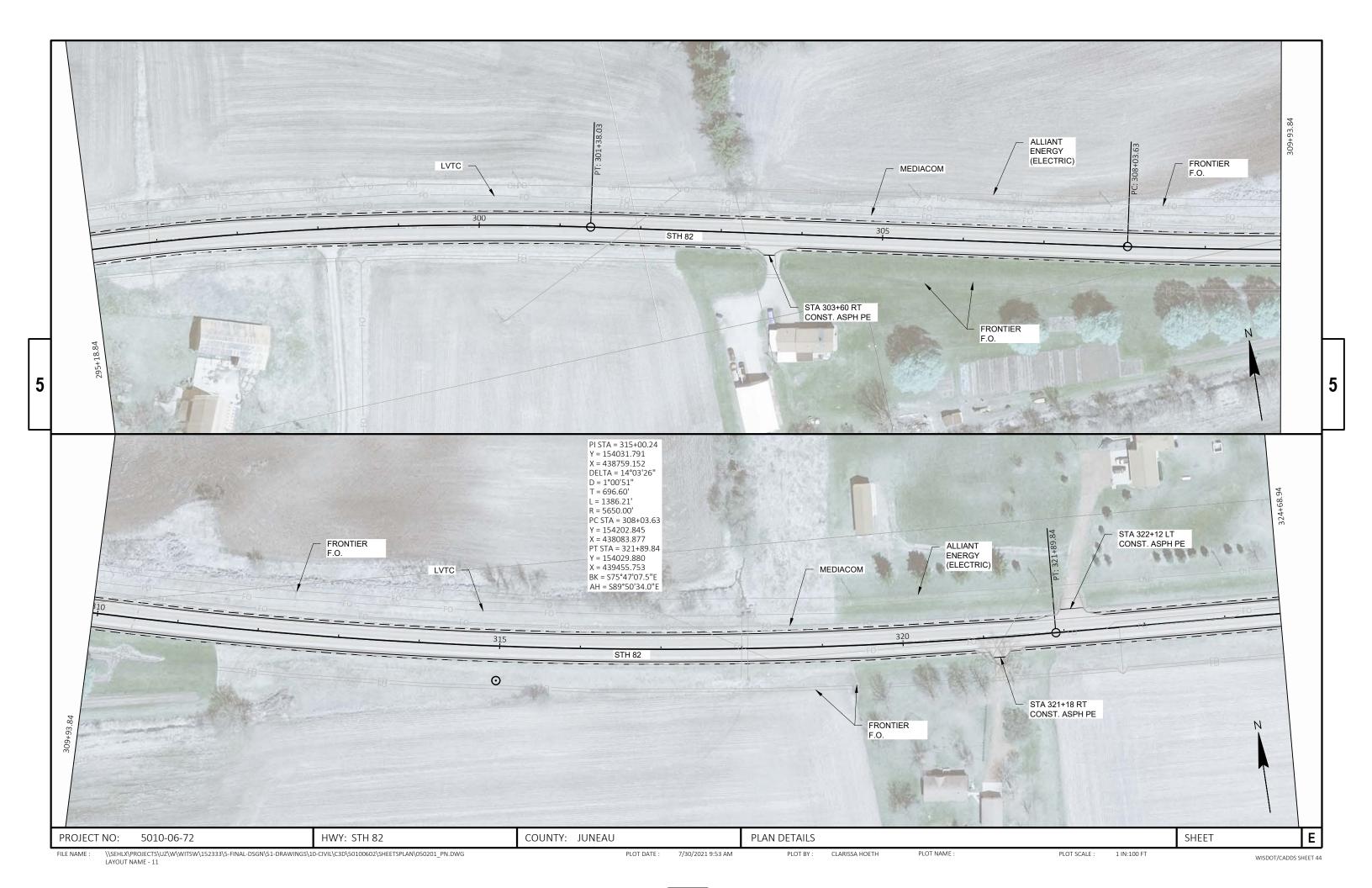
\\SEHIX\PROJECTS\UZ\W\WITSW\152333\\S-FINAL-DSGN\51-DRAWINGS\10-CIVIL\C3D\\50100602\\SHEETSPLAN\\050201_PN.DWG LAYOUT NAME - 06

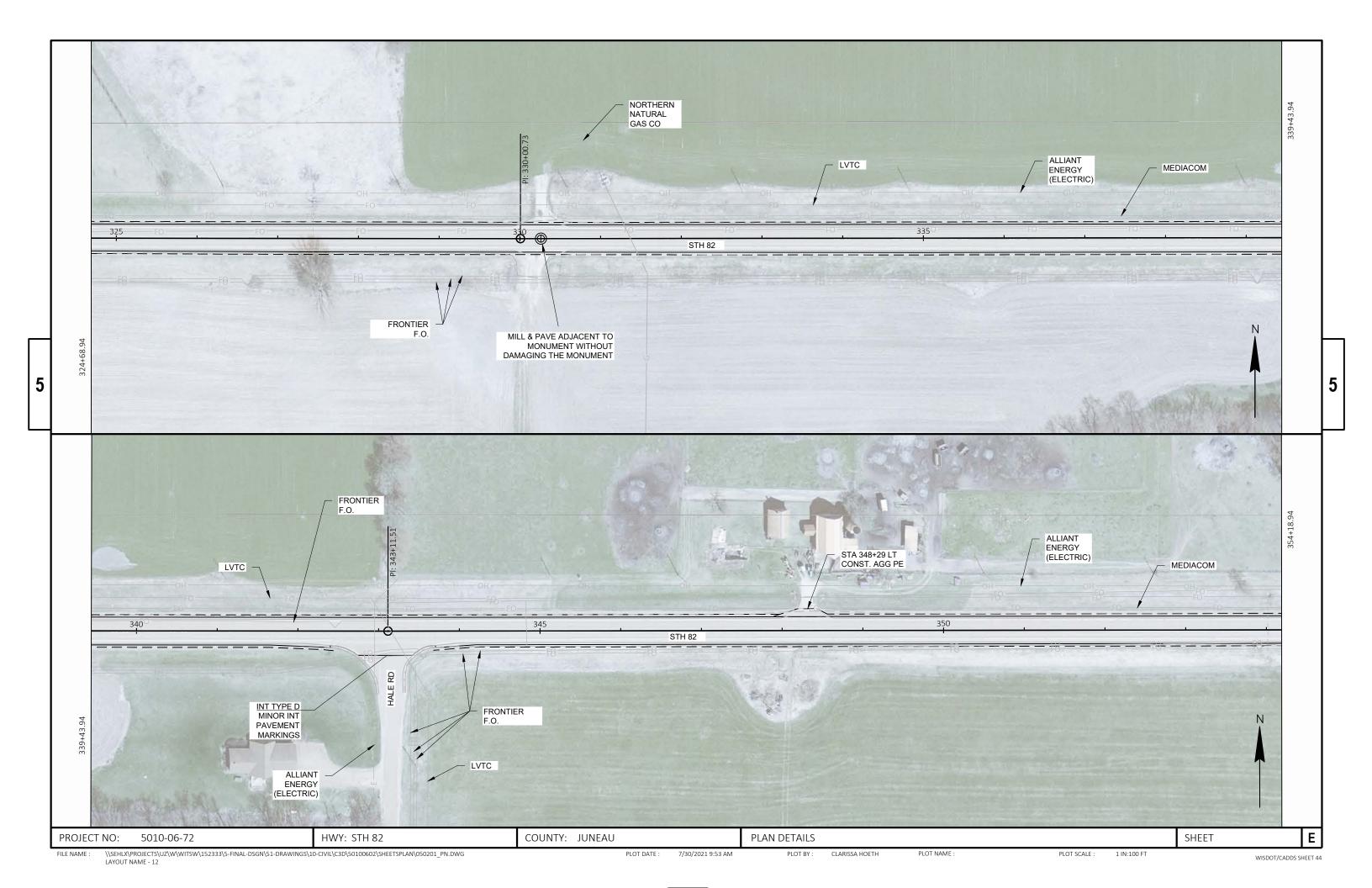


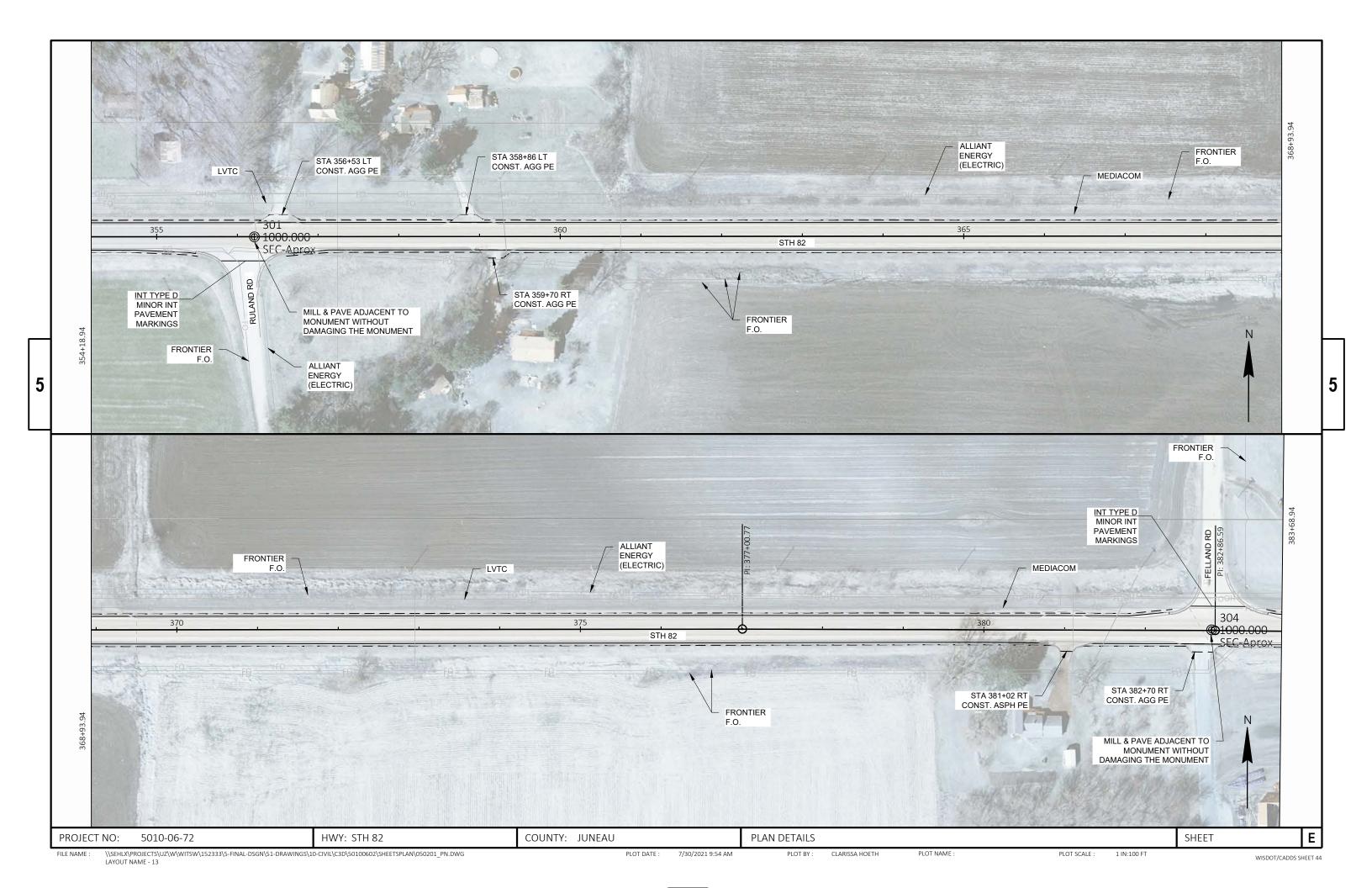


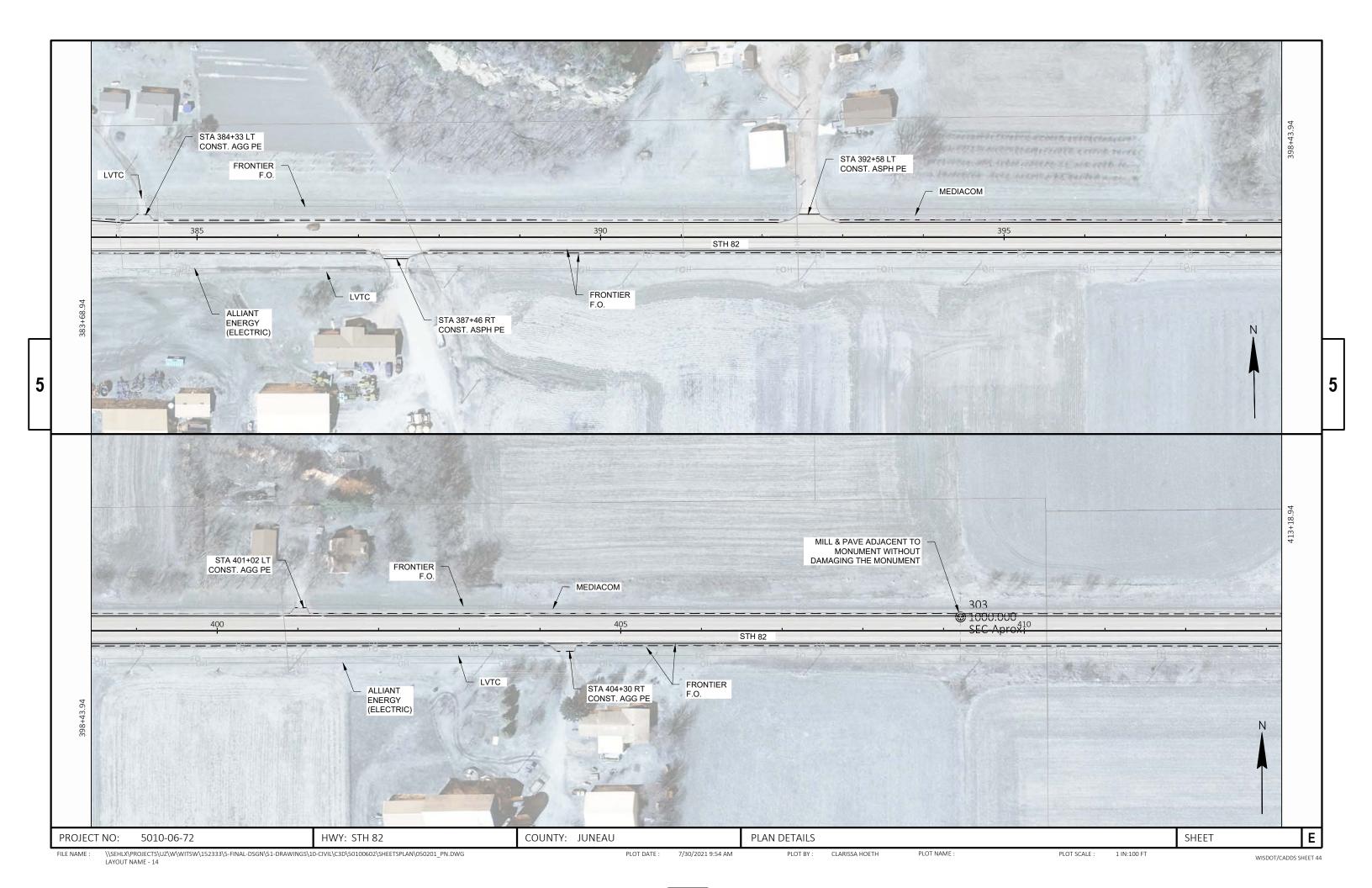




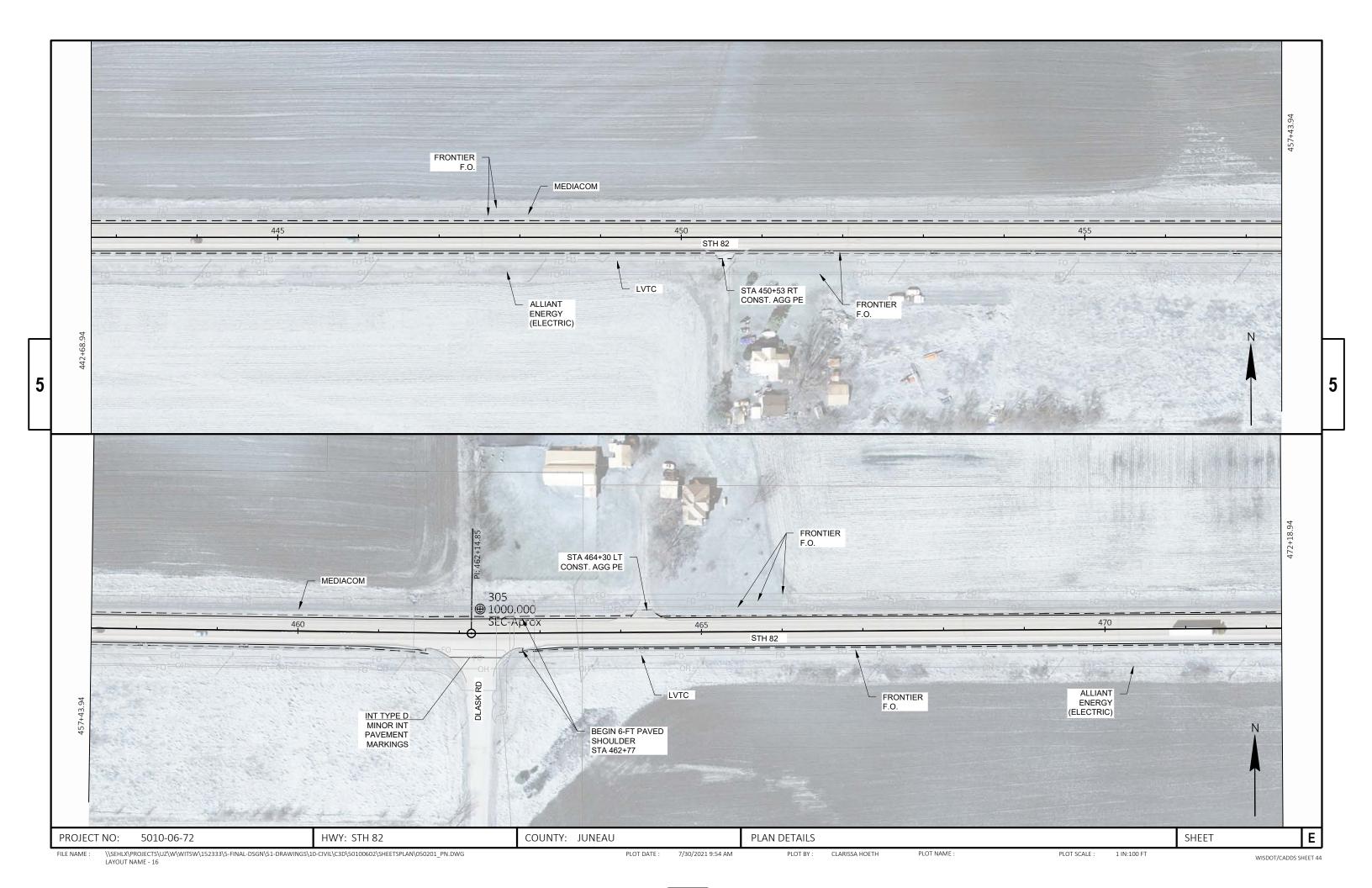


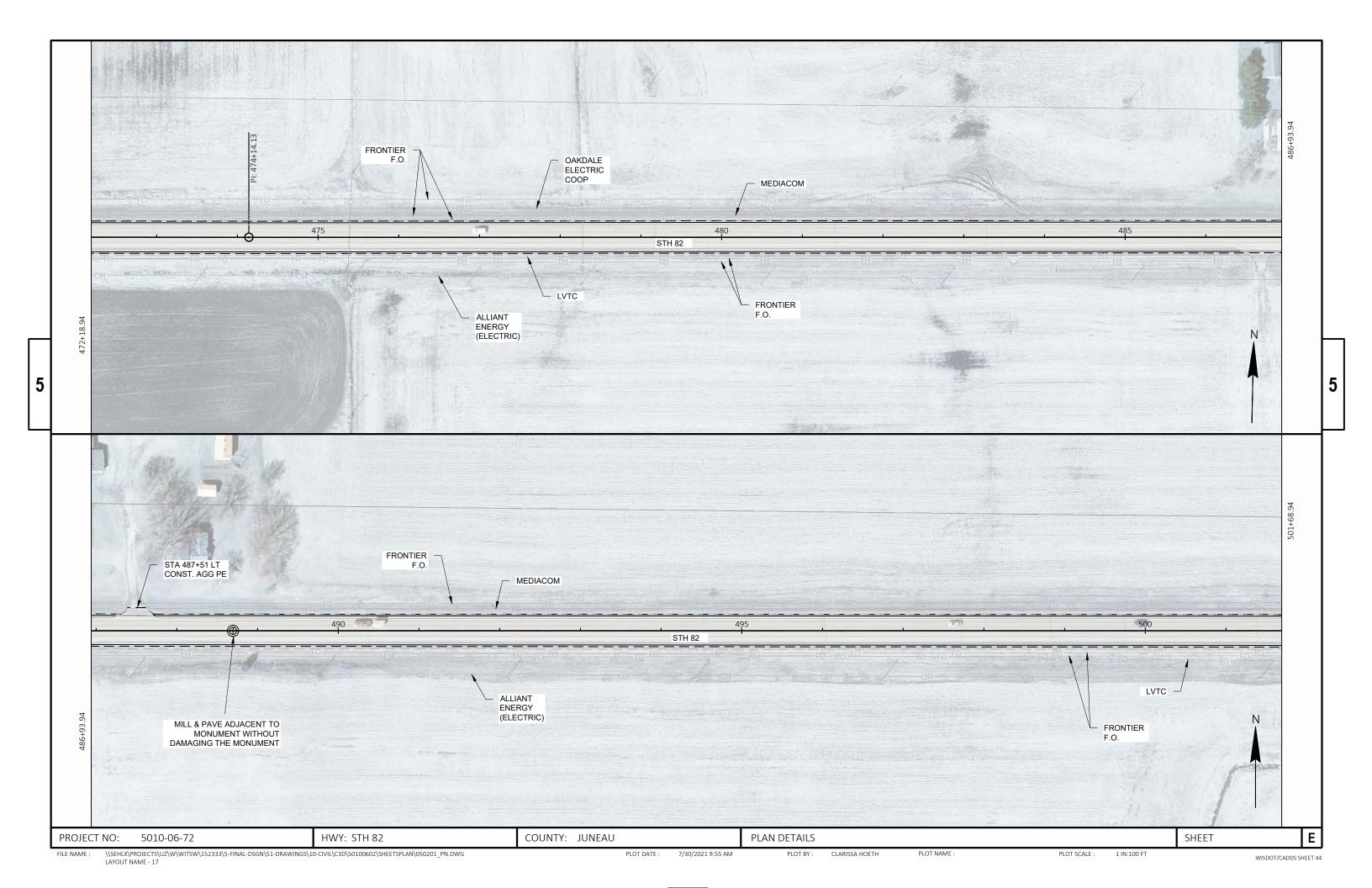


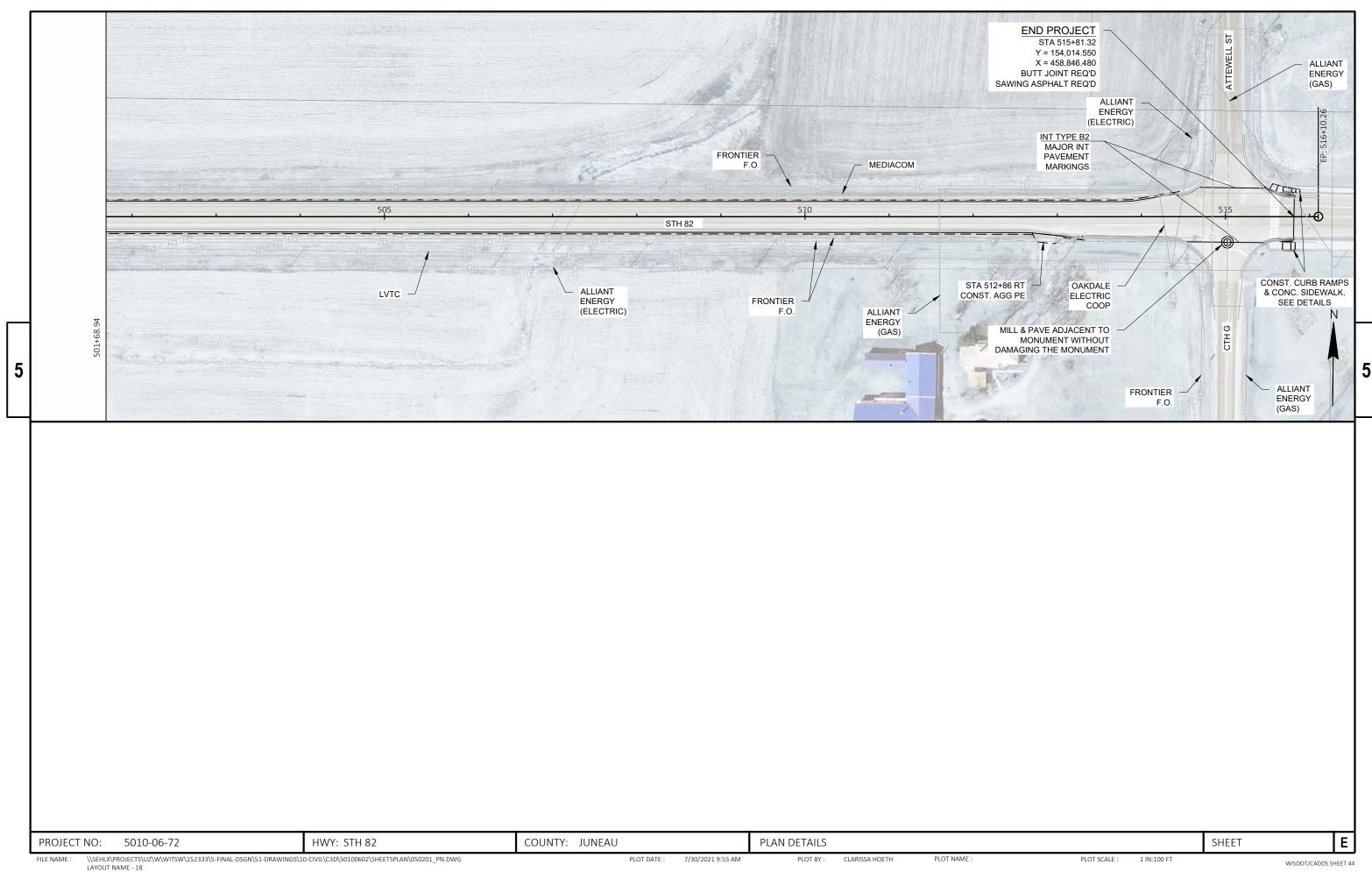








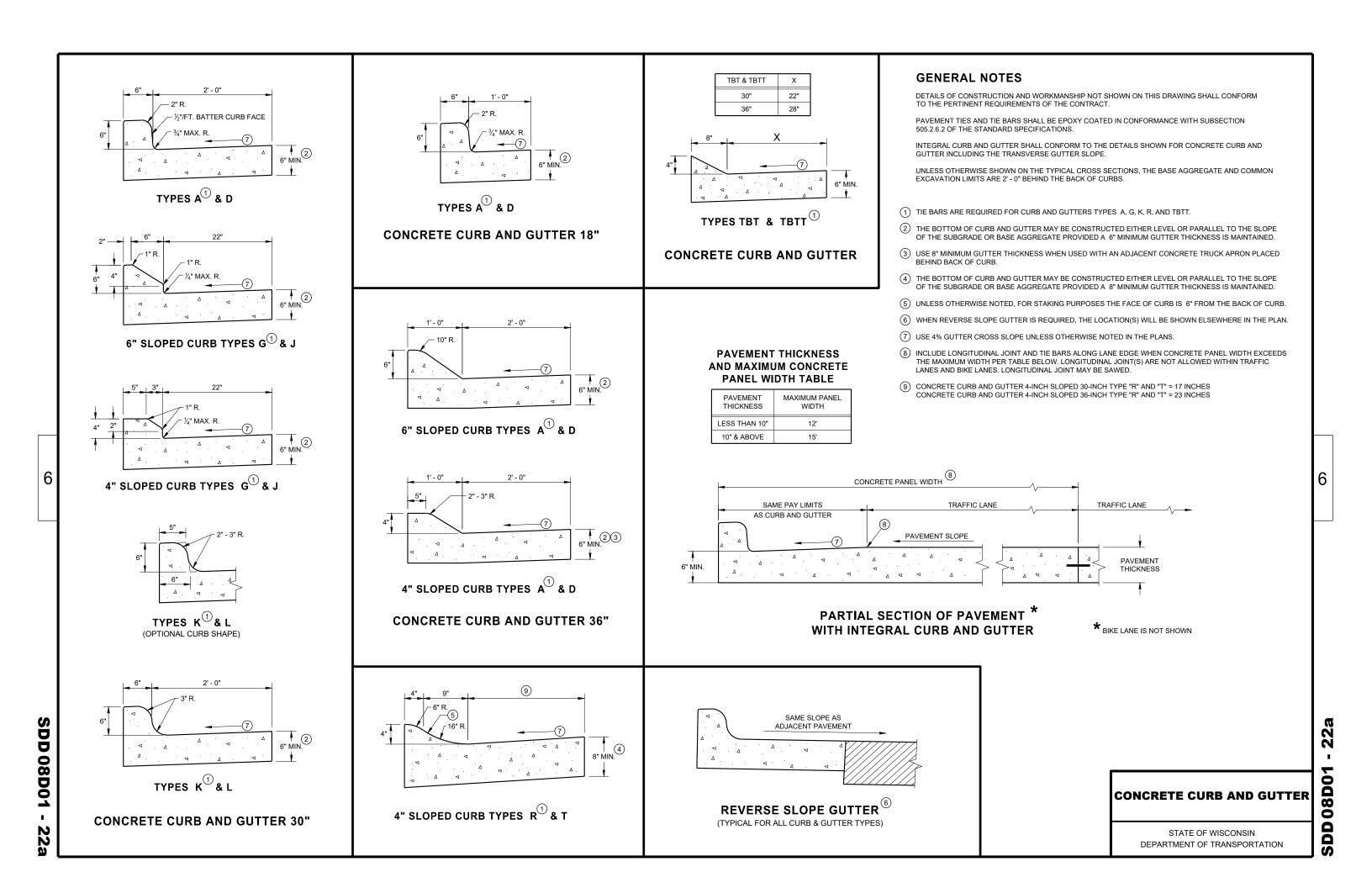




WISDOT/CADDS SHEET 44

Standard Detail Drawing List

08D01-22A	CONCRETE CURB & GUTTER
08D05-20A	CURB RAMPS TYPES 1 AND 1-A
08D05-20B	CURB RAMPS TYPES 2 AND 3
08D05-20C	CURB RAMPS TYPES 4A AND 4A1
08D05-20D	CURB RAMPS TYPE 4B AND 4B1
08D05-20E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-20F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-20G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D22-01	DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL
12A03-10	NAME PLATE (STRUCTURES)
13A08-01	ASPHALTIC RUMBLE STRIPS AT INTERSECTION
13A10-02A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02B	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02C	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02D	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A11-03A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-03B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13C19-03	HMA LONGITUDINAL JOINTS
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15C12-07	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-06A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-04A	PAVEMENT MARKING (INTERSECTIONS)
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-06A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-06B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-06C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

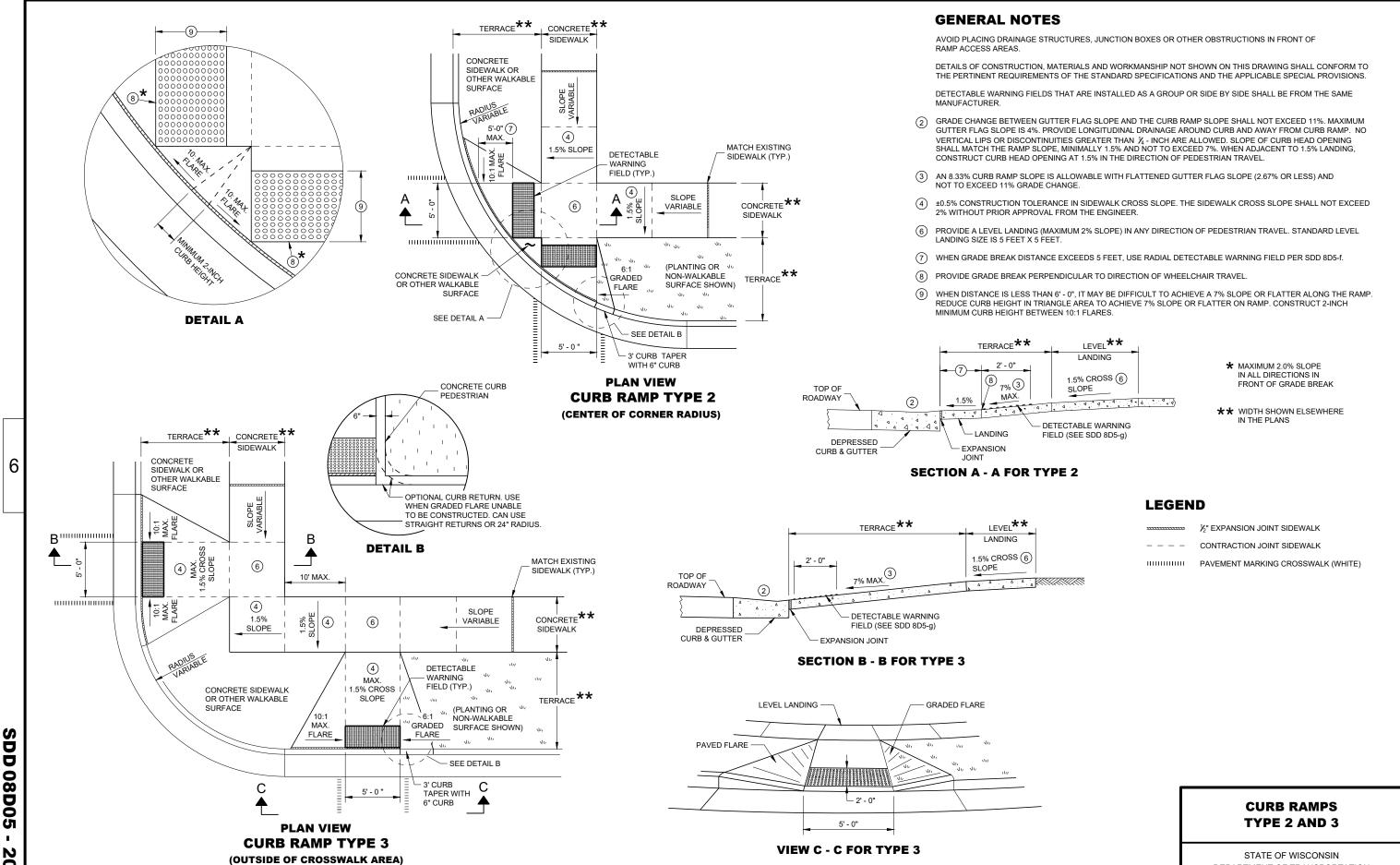


VIEW D - D FOR TYPE 1 - A

SECTION B - B FOR TYPE 1

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DEPARTMENT OF TRANSPORTATION



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08D0

DEPARTMENT OF TRANSPORTATION

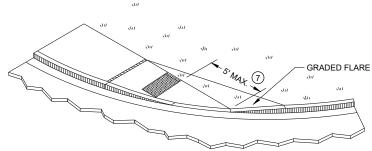
SDD 08D05

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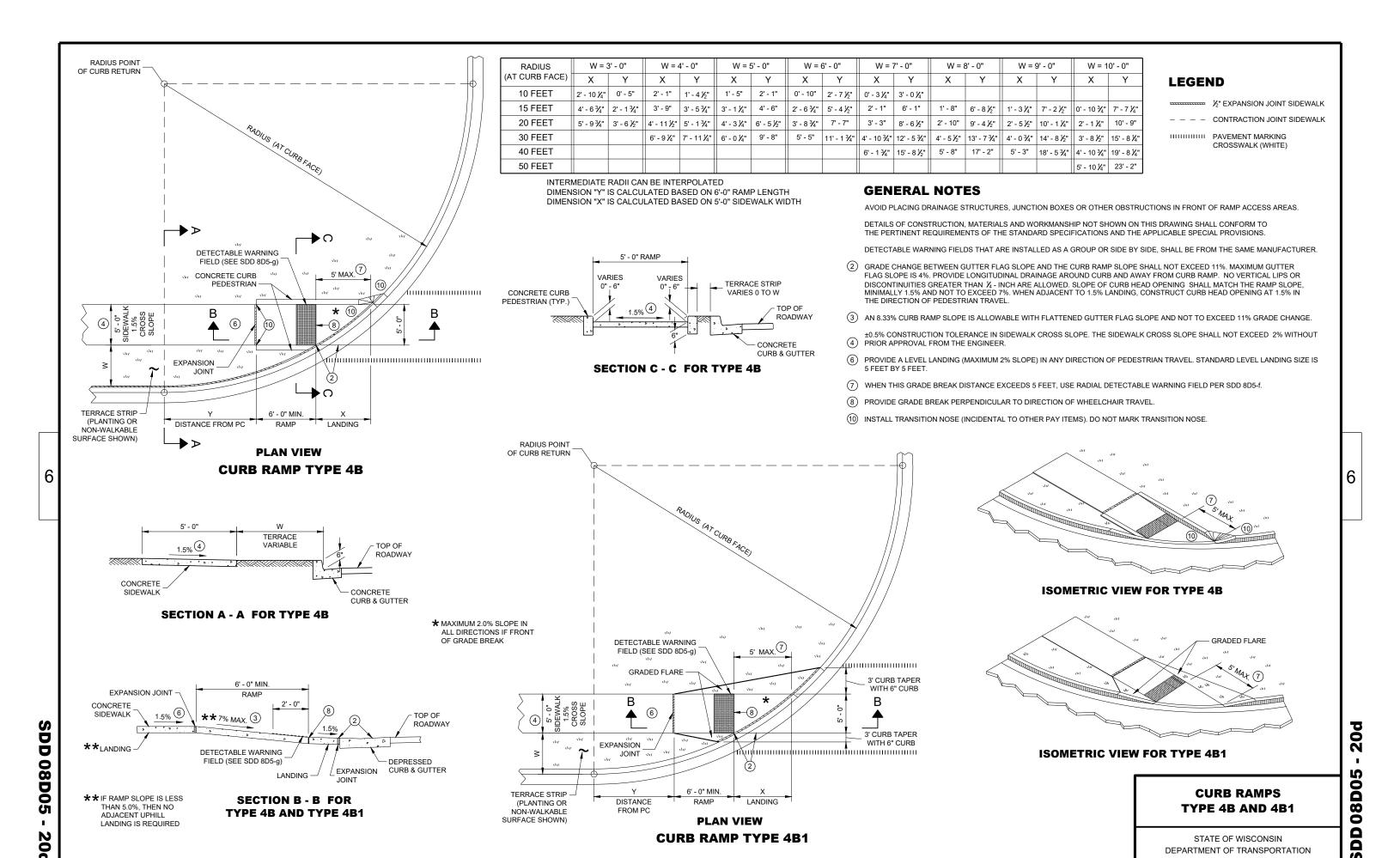
ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS TYPE 4A AND 4A1

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



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08D0

DEPARTMENT OF TRANSPORTATION

SDD 08D05

DEPRESSED CURB & GUTTER

*** MAXIMUM 8.33%

FIELD (SEE SDD 8D5-a)

SECTION B - B FOR TYPE 4B1

IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO

LANDING IS REQUIRED

ADJACENT UPHILL

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ÖD 08D05

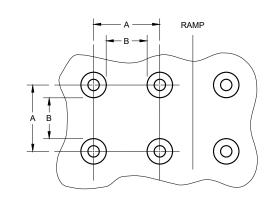
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DEPARTMENT OF TRANSPORTATION

STATE OF WISCONSIN

FIELD APPLICATIONS

6



1.6" 2.4" 0.65" 1.5" * *

1.4"

MAX.

★ THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

0.9"

MIN.

В

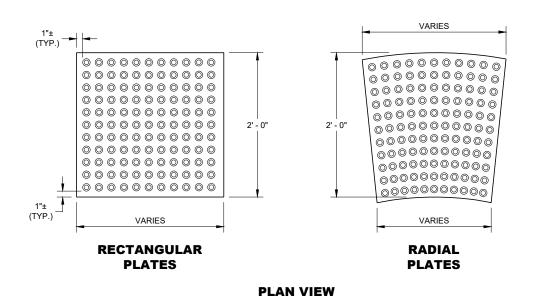
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PLAN VIEW

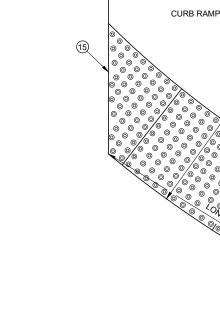


ELEVATION VIEW

TRUNCATED DOMES DETECTABLE WARNING PATTERN DETAIL



DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW RADIAL DETECTABLE **WARNING FIELD ATTRIBUTES**

RADIAL PLATE

RECTANGULAR PLATE \bigcirc \bigcirc $| \bigcirc$ \bigcirc 0 0 RECTANGULAR PLATE \bigcirc \bigcirc (TYPICAL) \bigcirc 0

PLAN VIEW RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR May 2019
DATE

GENERAL NOTES

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION. FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

GENERAL NOTES

DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.

EXISTING ASPHALTIC SURFACE DRIVEWAY — 8' TO 10' SHOULDER —= HMA PAVEMENT - 5' TO 20' -5' TO 7'-OVERLAY 2.00% 4.00% VARIES - EXISTING HMA PAVEMENT REMOVE EXISTING ASPH. PAV'T EXISTING BASE & BASE COURSE TO A DEPTH AGGREGATE DENSE SUFFICIENT TO PLACE 2" TO 3" ASPHALTIC SURFACE & 6" 2" TO 3" ASPHALTIC SURFACE (1) BASE AGGREGATE DENSE 6" BASE AGGREGATE MATCH EXISTING DRIVEWAY DENSE (MAY BE INCREASED FOR CLAY SUBGRADES)

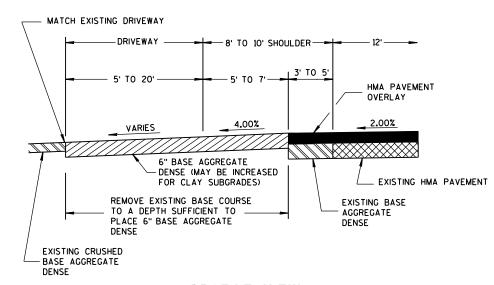
PLAN VIEW

HALF SECTION

PROFILE VIEW

RURAL ENTRANCE
WITH ASPHALTIC SURFACE

RESURFACING PROJECTS



PLAN VIEW HALF SECTION

PROFILE VIEW

RURAL ENTRANCE
WITH AGGREGATE SURFACE

6" BASE AGGREGATE DENSE RESURFACING PROJECTS

DRIVEWAYS WITHOUT
CURB & GUTTER
RESURFACING PROJECTS RURAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

FHWA

December. 2016 /S/ Rodney Taylor
DATE ROADWAY STANDARDS DEVELOPMENT

UNIT SUPERVISOR

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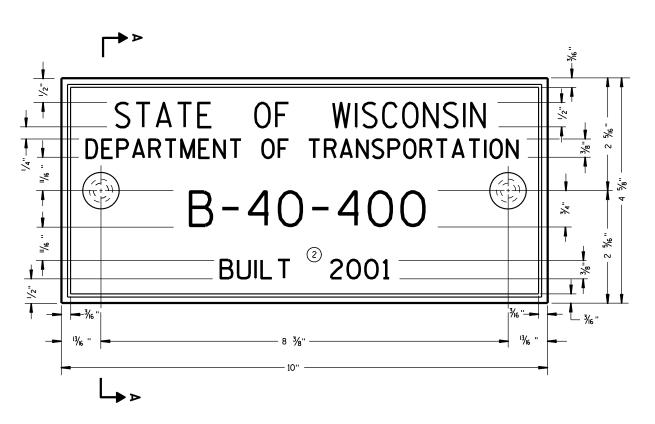
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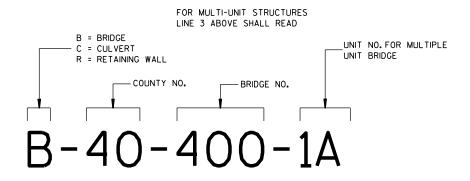
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TYPICAL NAME PLATE

(BRIDGES, CULVERTS, AND RETAINING WALLS)



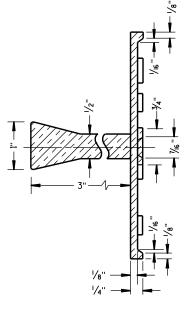
NUMBERING DESIGNATION MULTI-UNIT STRUCTURES

GENERAL NOTES

NAME PLATES TO BE INSTALLED ON BRIDGES, CULVERTS, AND RETAINING WALLS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS.

THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

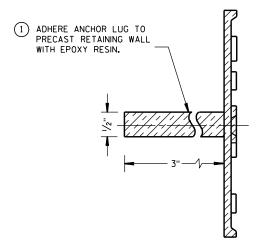
- 1 EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



SPREAD OPEN SO THE
TOP OF LUG IS 11/4" WIDE

SECTION A-A

ALTERNATE LUG



ALTERNATE LUG

(FOR ATTACHMENT TO PRECAST STRUCTURES)

NAME PLATE (STRUCTURES)

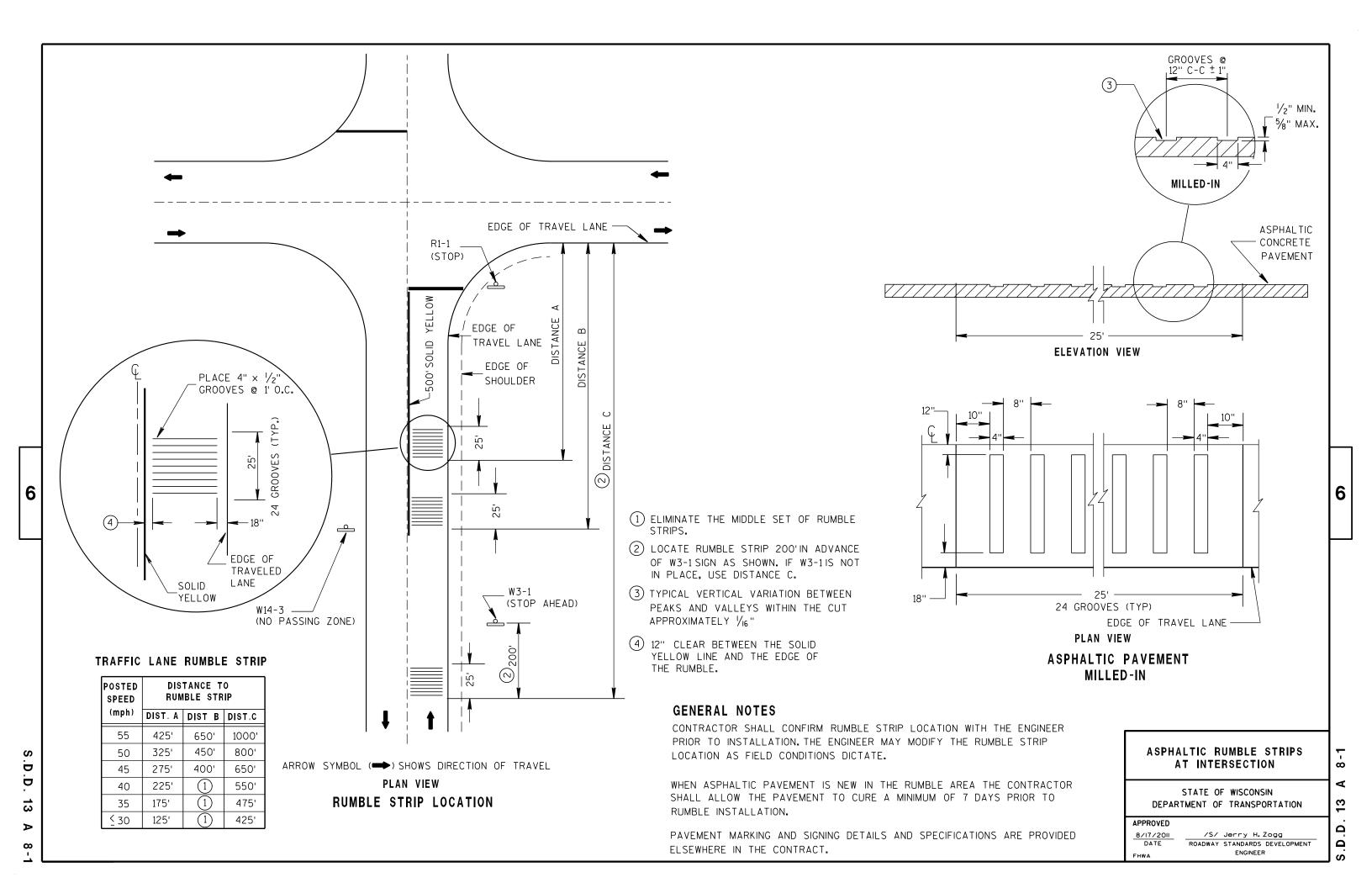
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

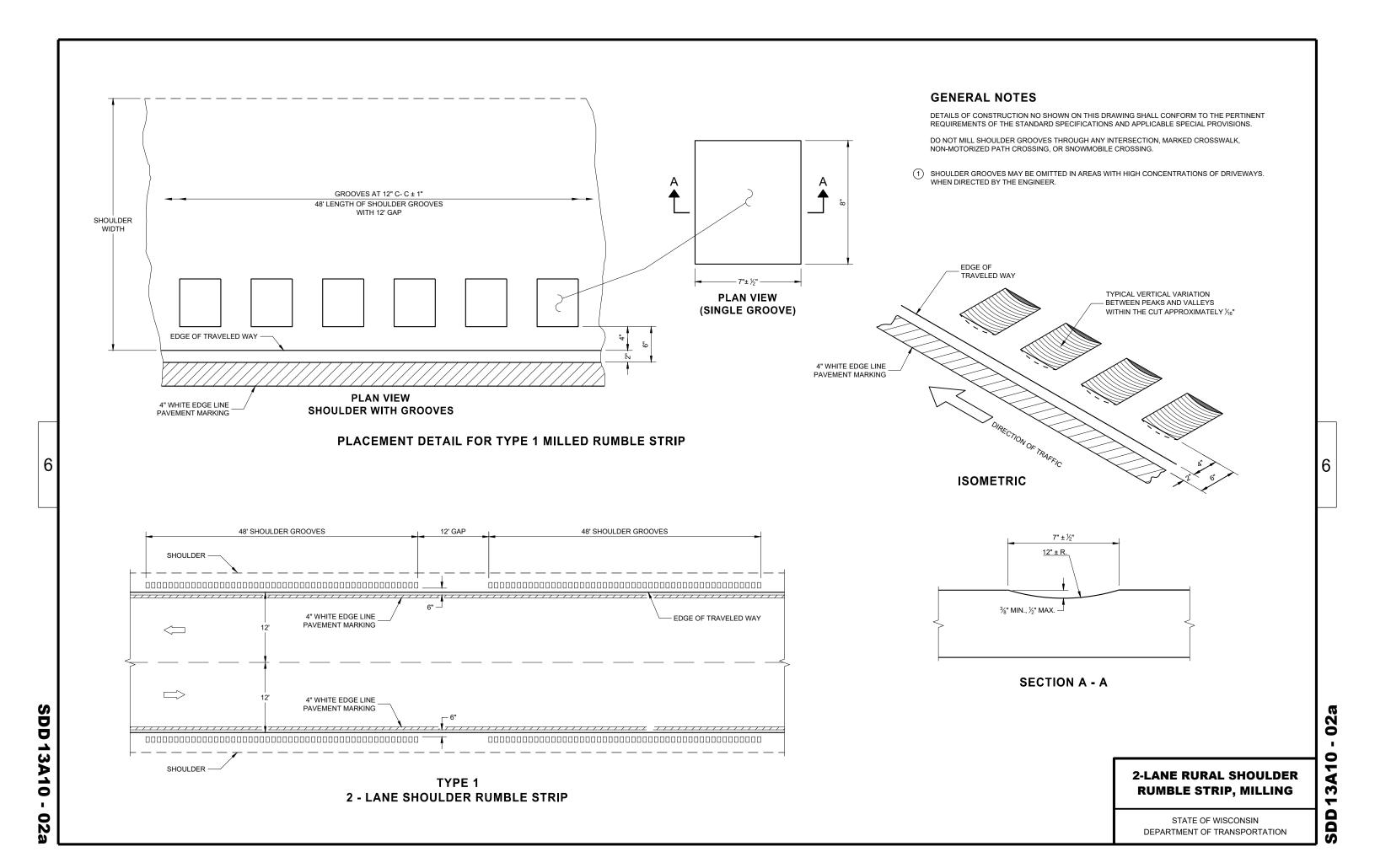
3-10

APPROVED

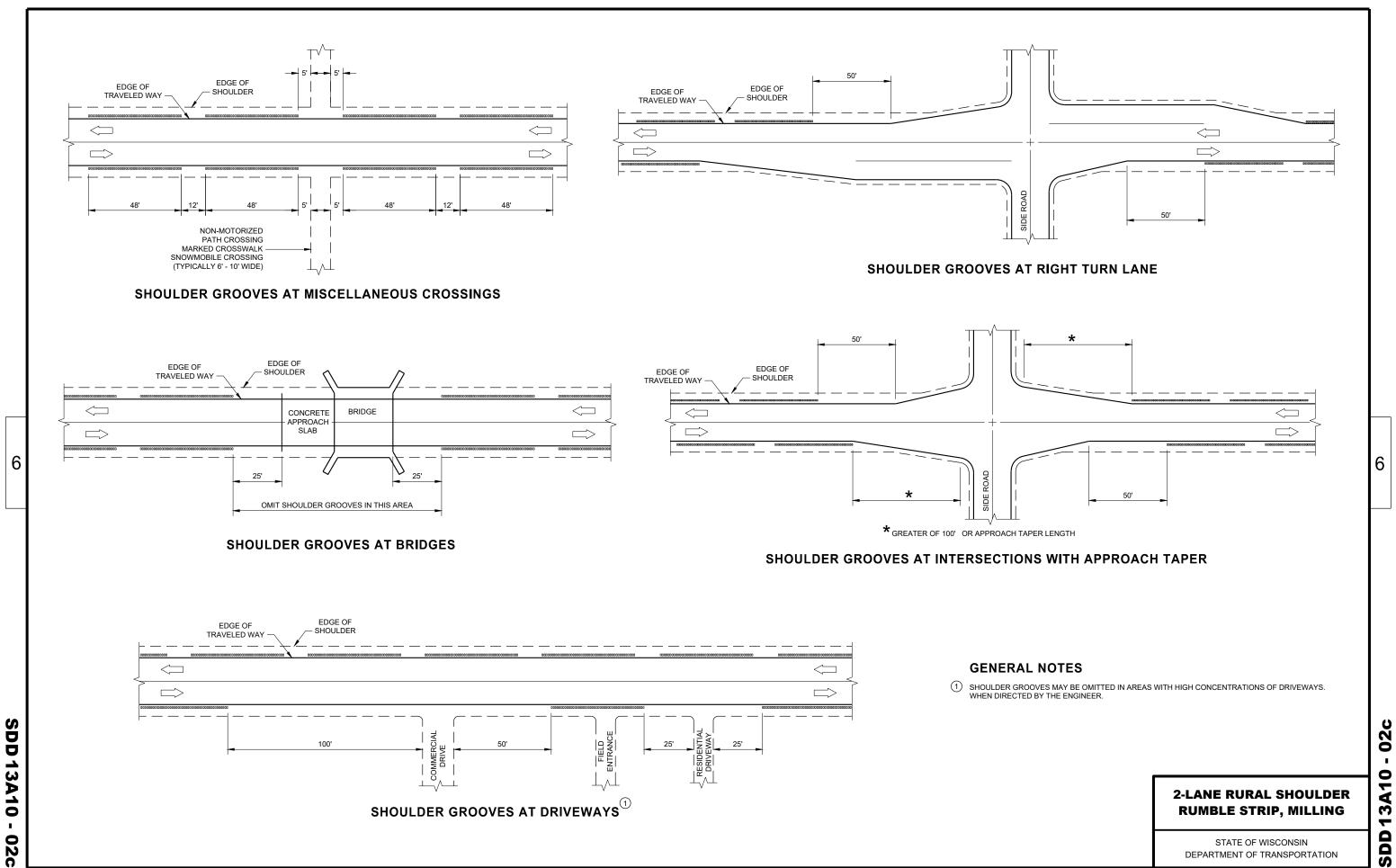
3/26/IO /S/ SCOT BECKET

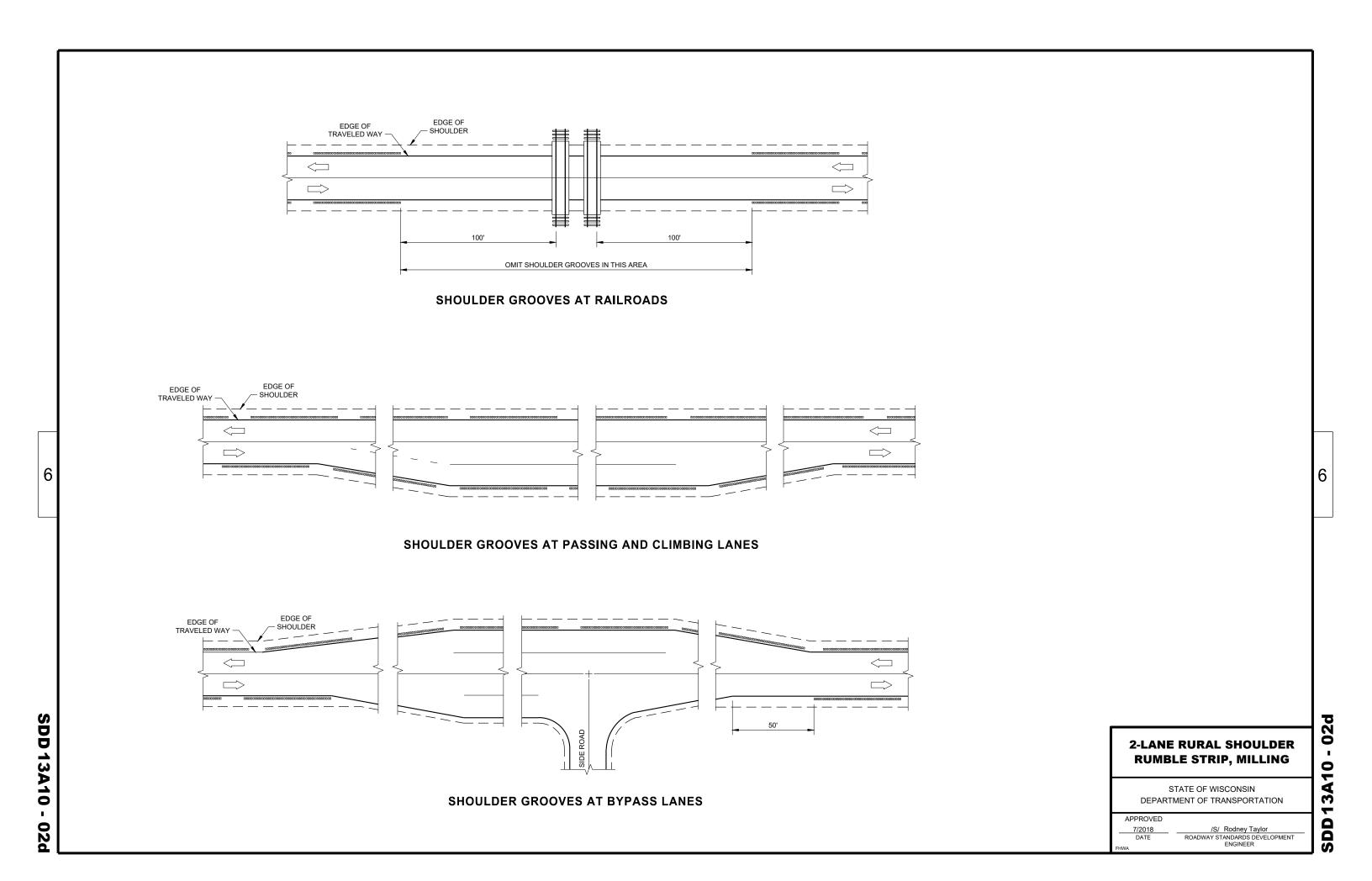
CHIEF STRUCTURAL DEVELOPMENT ENGINEER

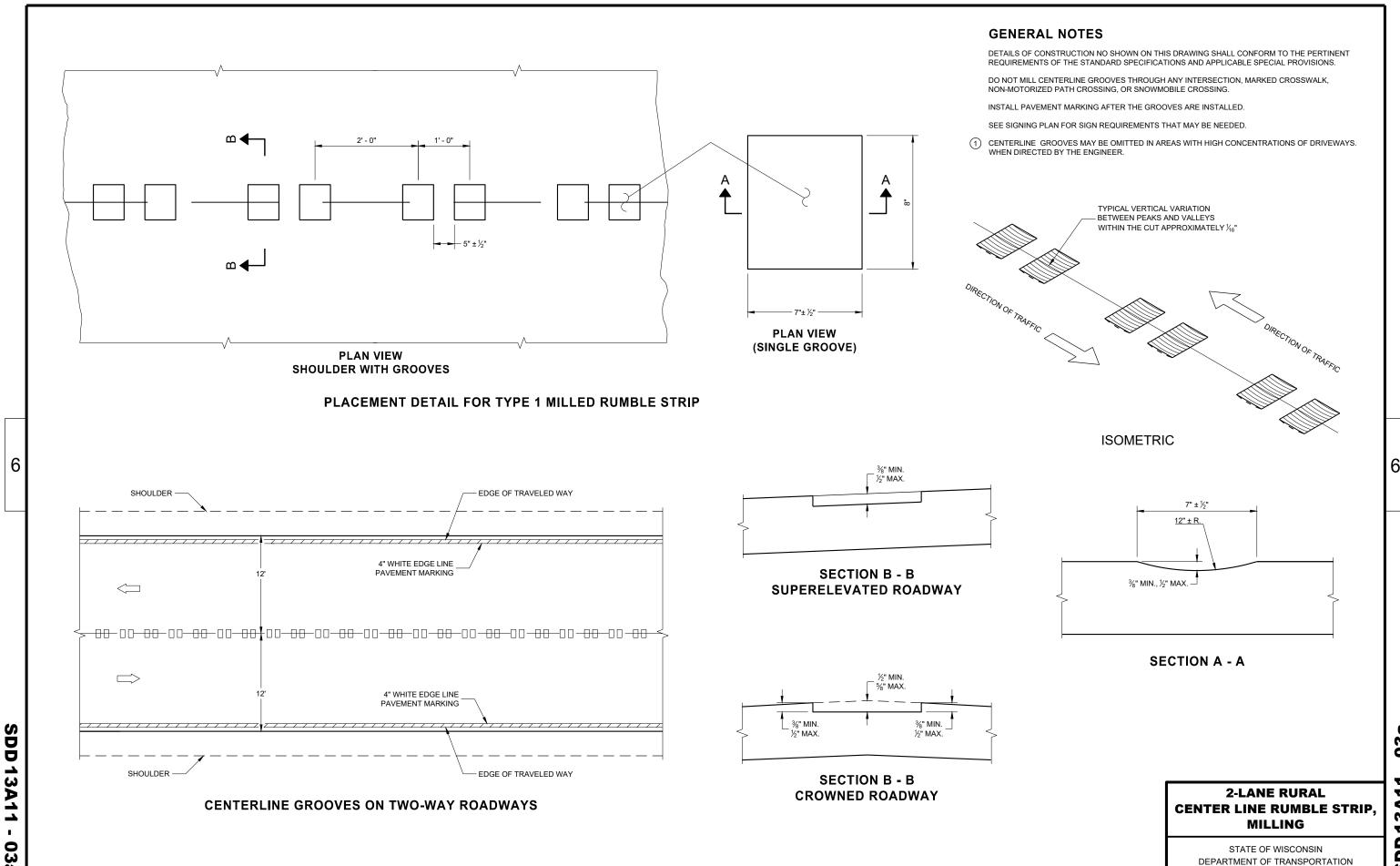




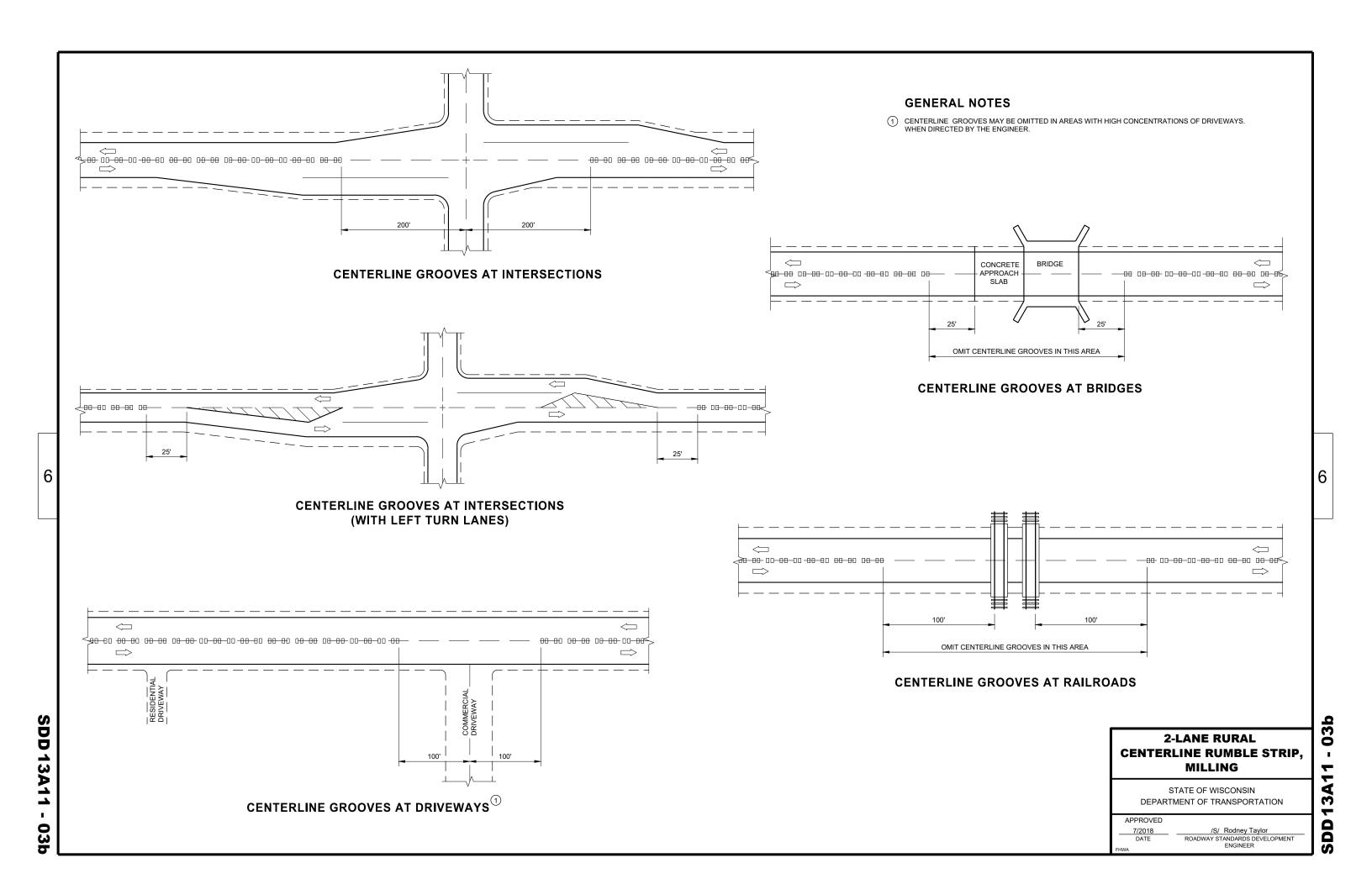
DEPARTMENT OF TRANSPORTATION

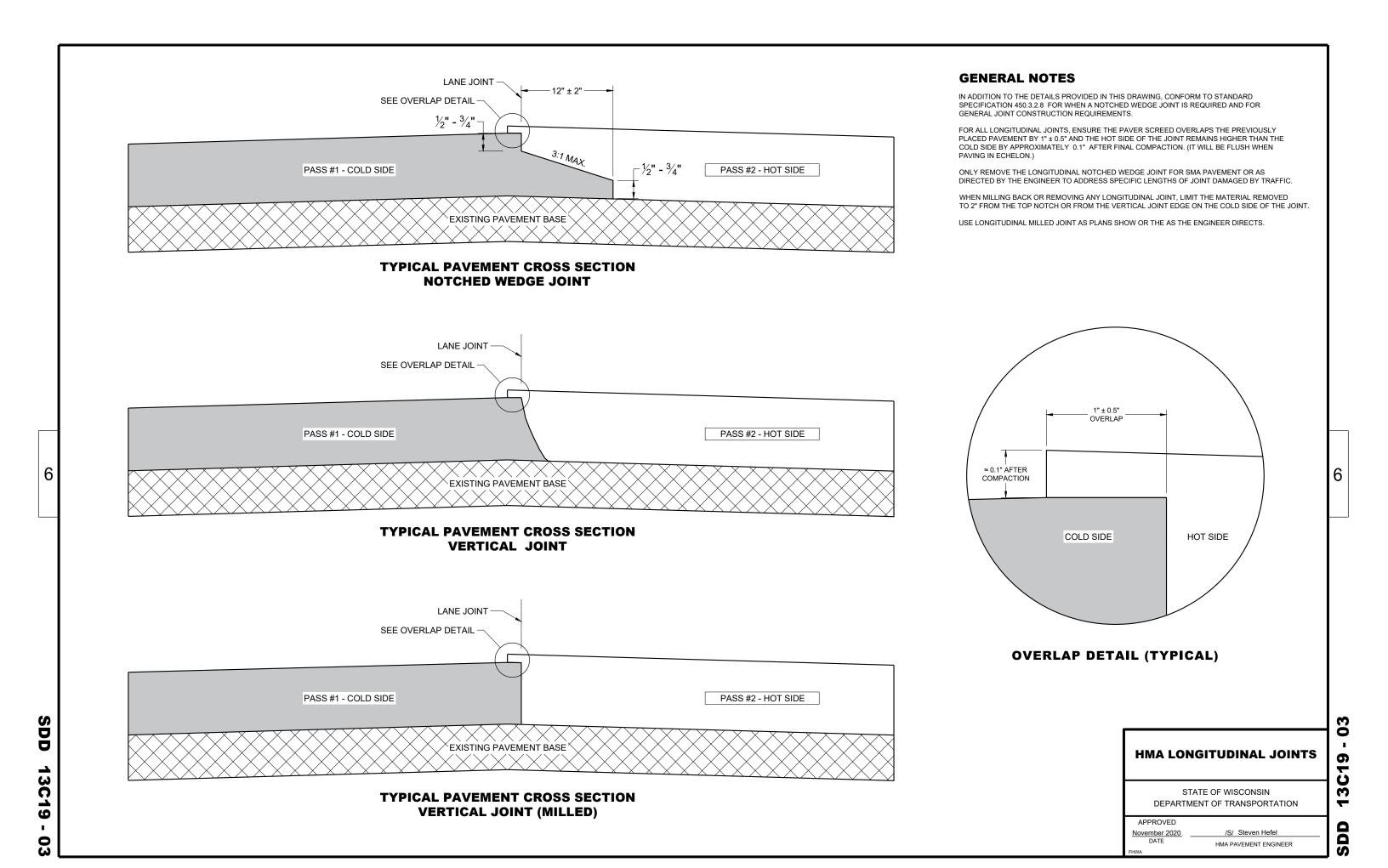


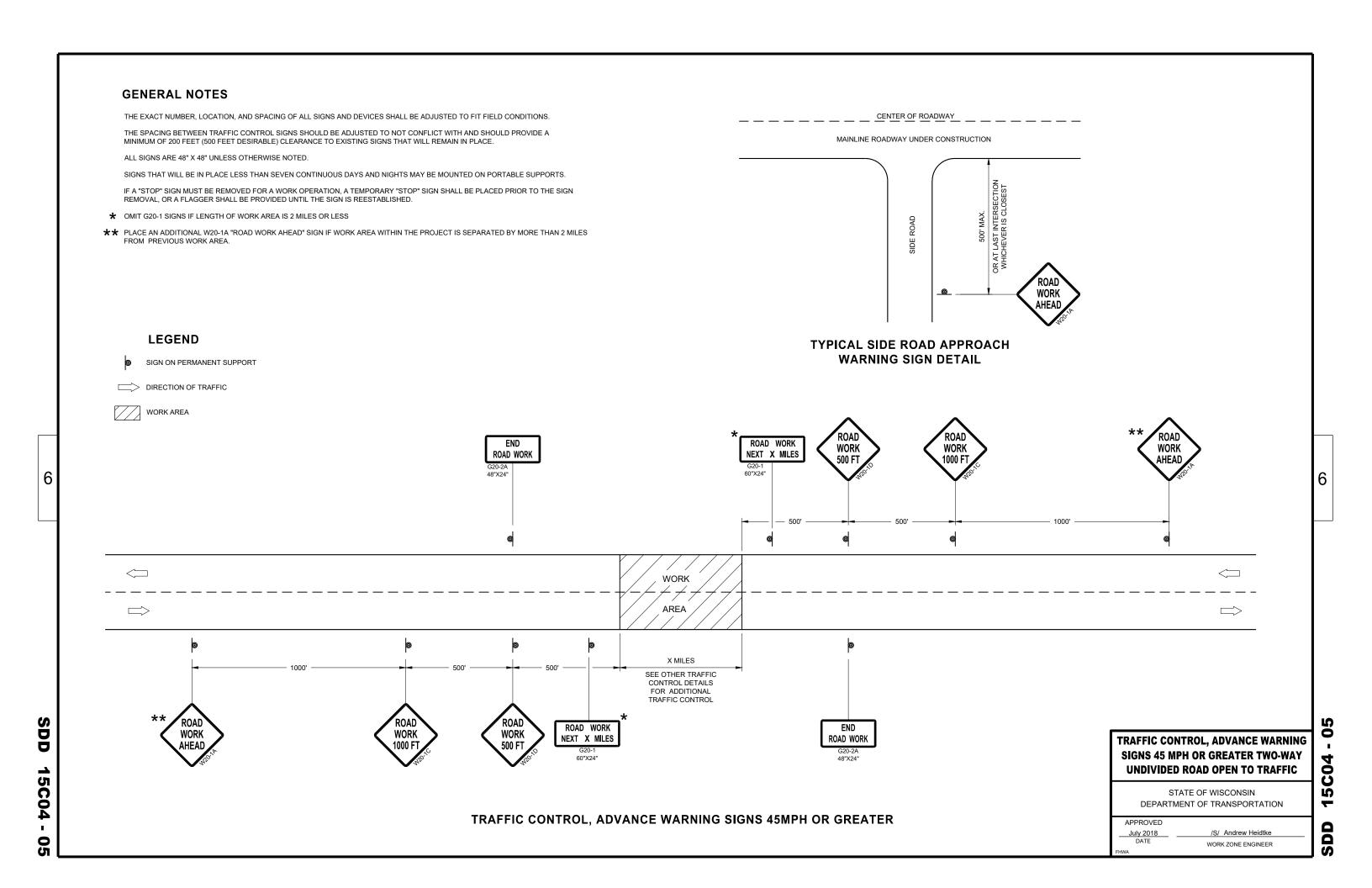


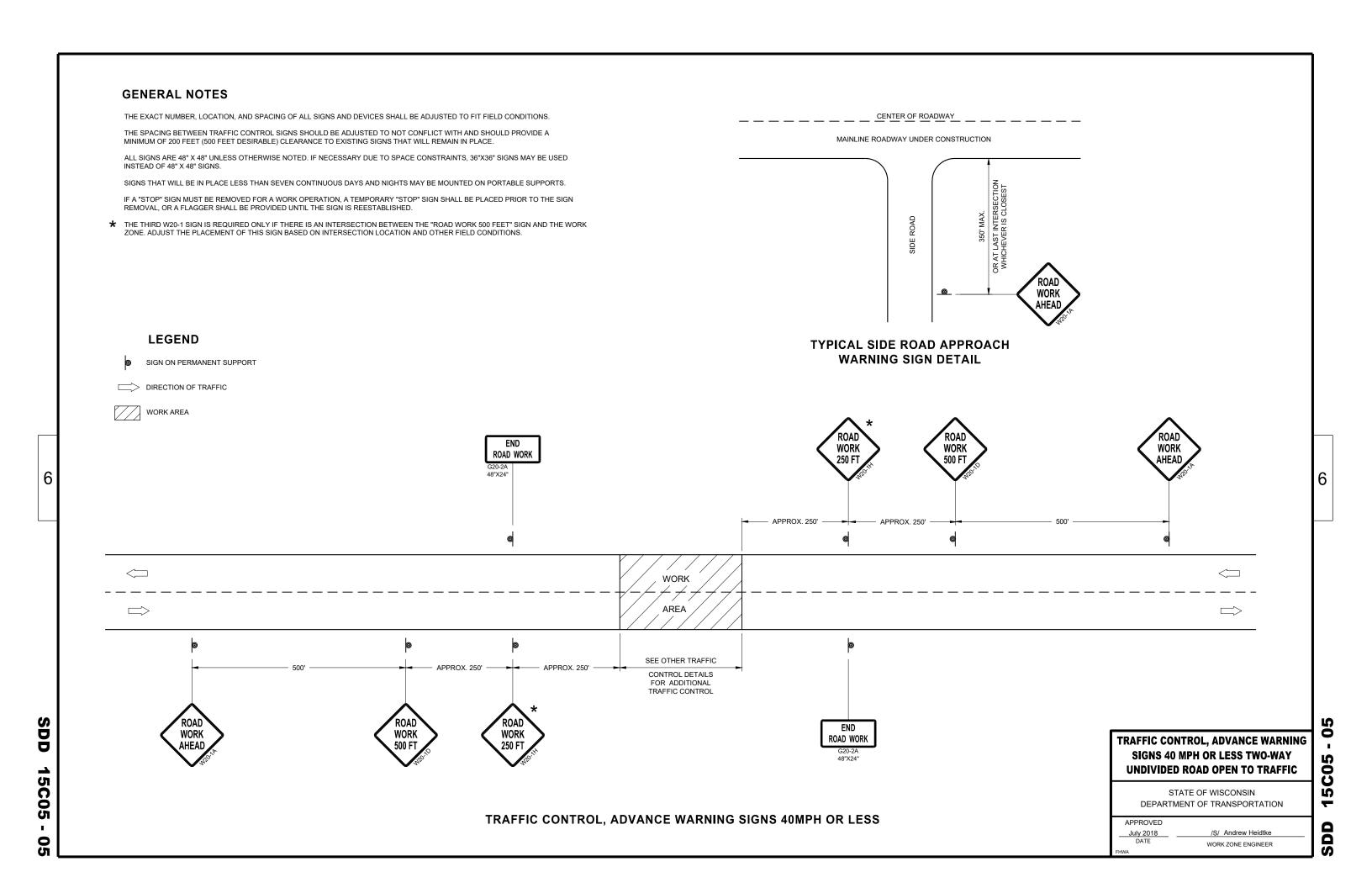


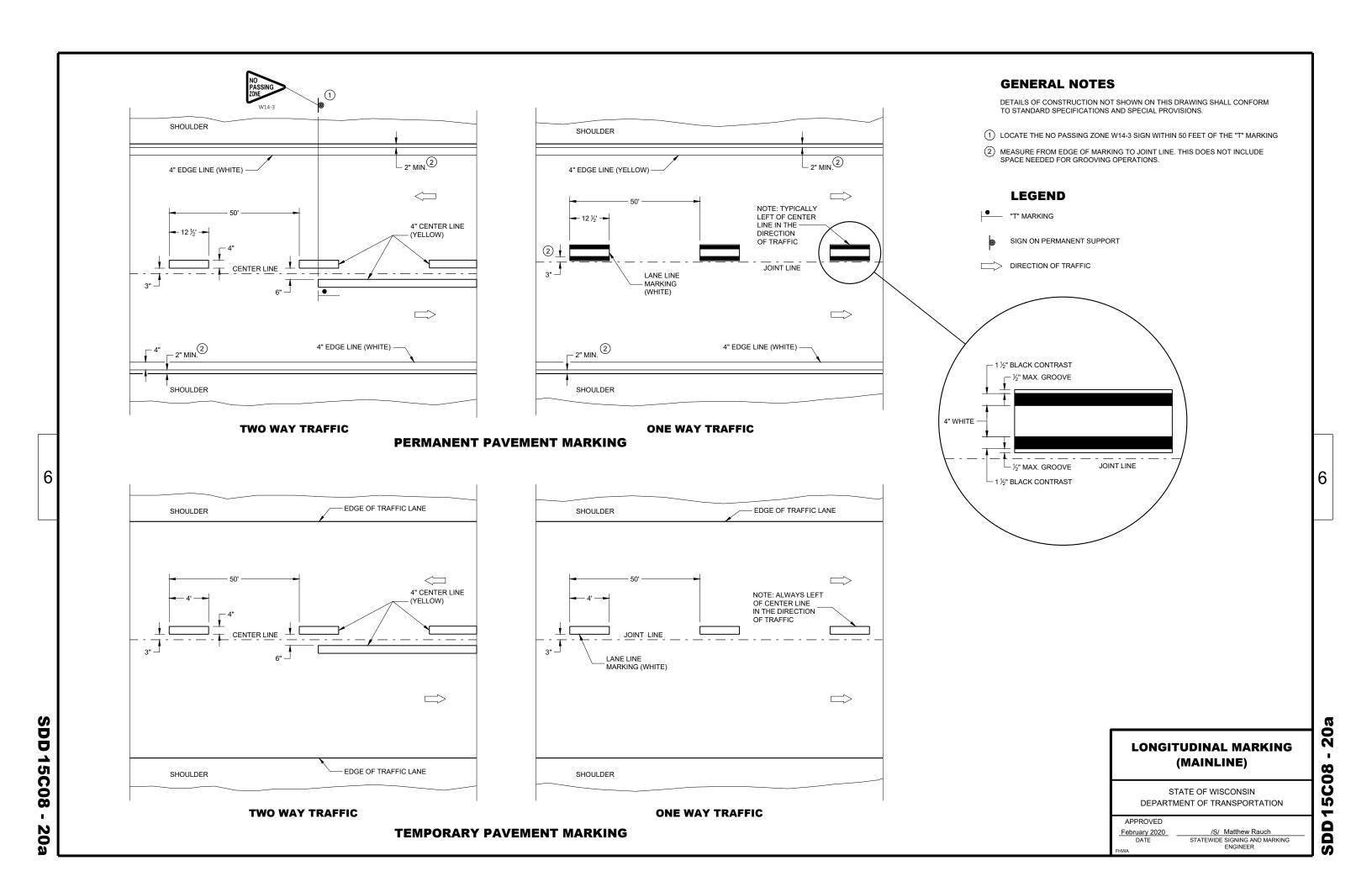
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RUMBLE

STRIPS

WORK

GENERAL NOTES FLAGGING LEGEND DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH 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 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**

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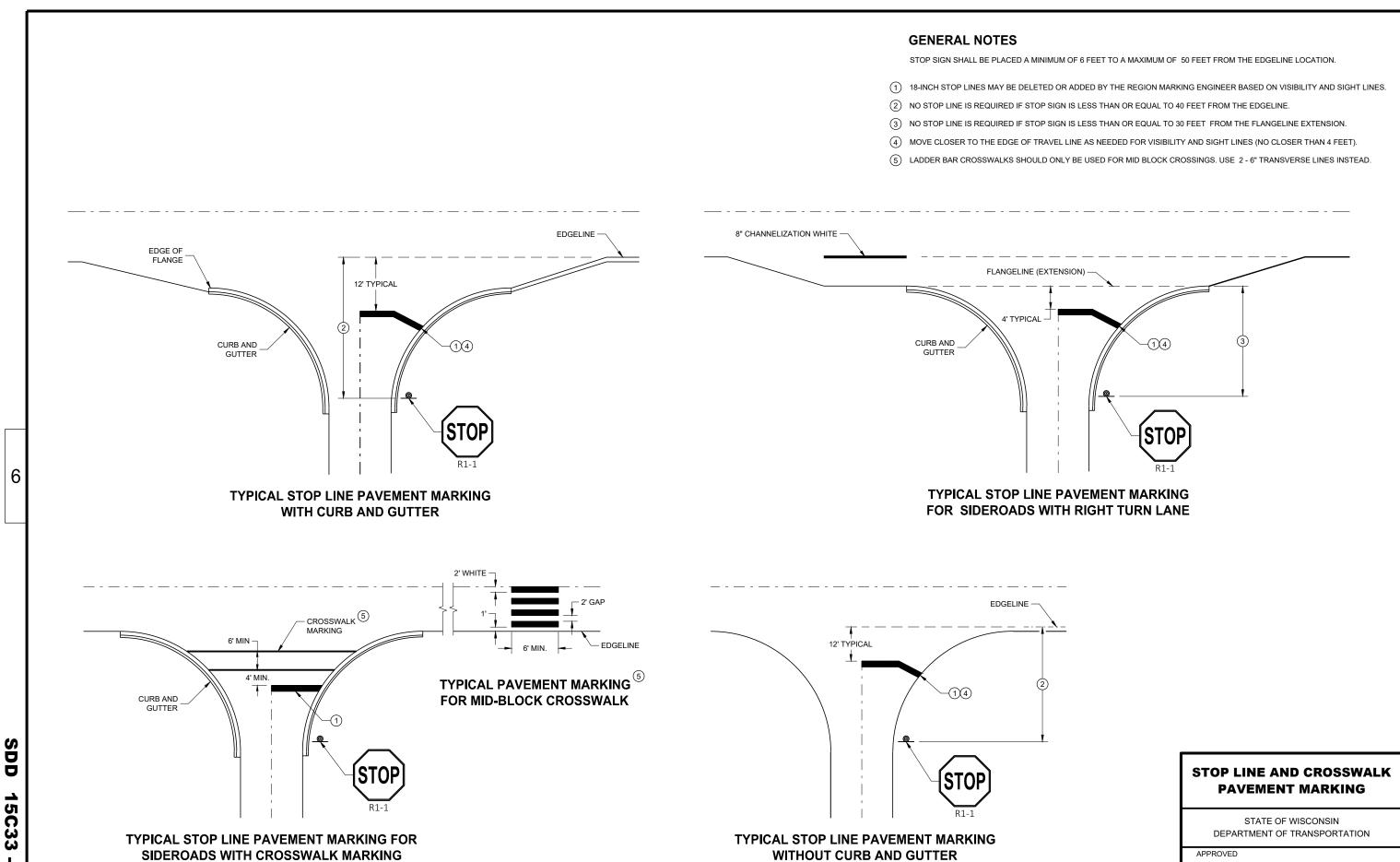
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED	
May 2019	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER
FHWA	

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

3DD 15C19 - 06a

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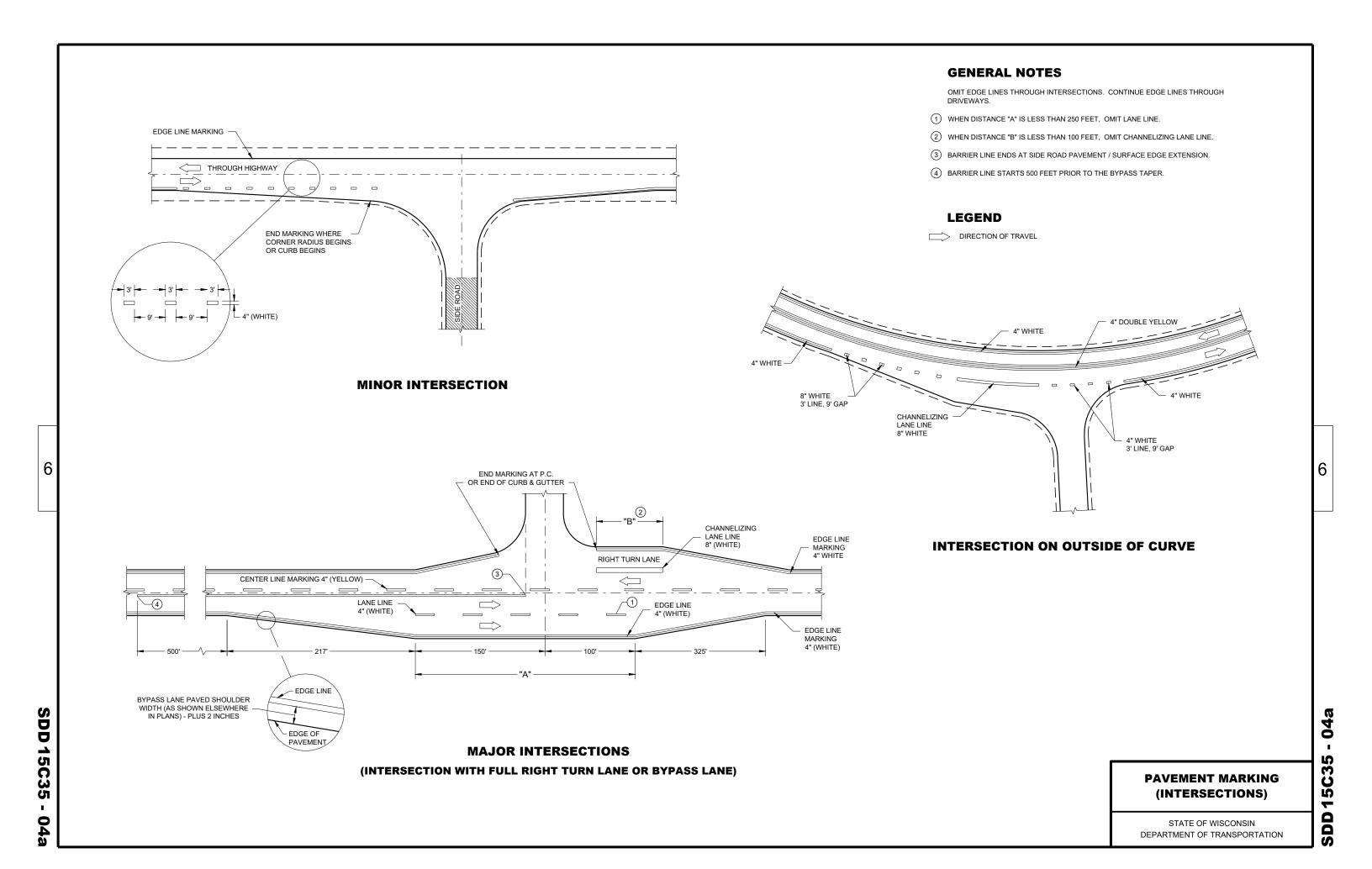
WITHOUT CURB AND GUTTER

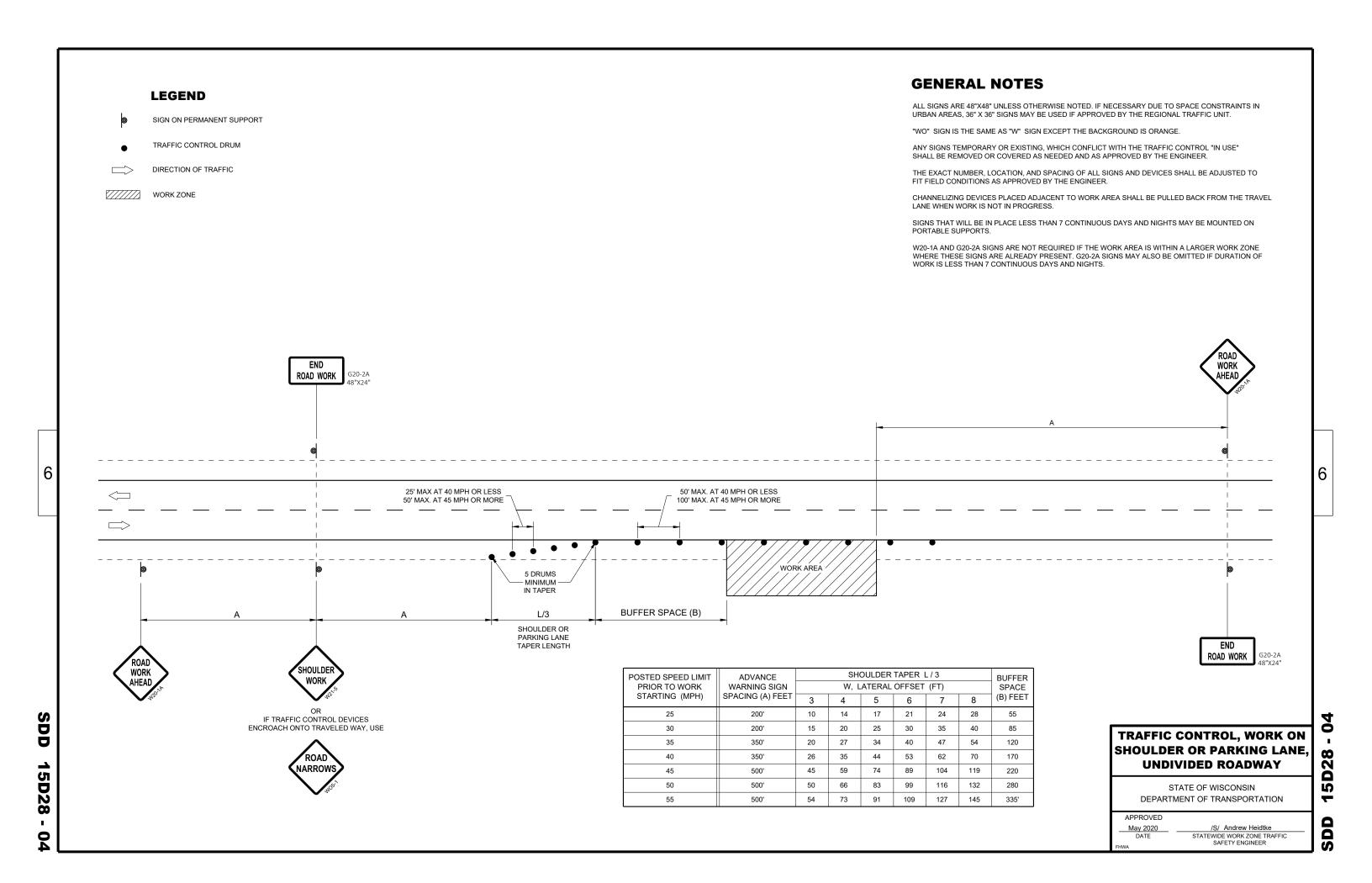
November 2019 DATE

/S/ Matthew Rauch
STATE SIGNING AND MARKING
ENGINEER

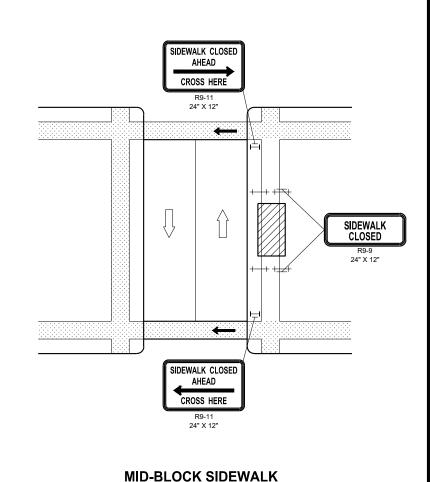
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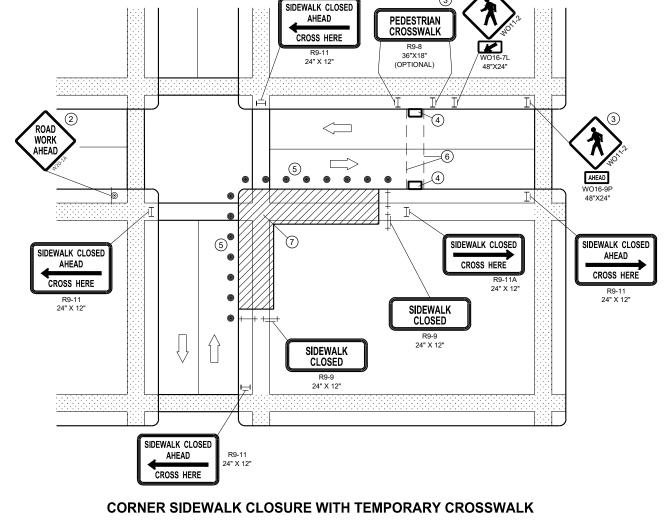
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GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

CLOSURE

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN, EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTIME CLOSURE, USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEK LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

- 1 IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE
- (2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.
- (3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND WO11-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK
- (4) TEMPORARY CURB RAMPS. SEE SDD 15D30 SHEET "b'.
- (5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.
- 6 TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.
- (7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

+ / + TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

UNDER PEDESTRIAN TRAFFIC

WORK AREA

PEDESTRIAN CHANNELIZATION DEVICE

DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

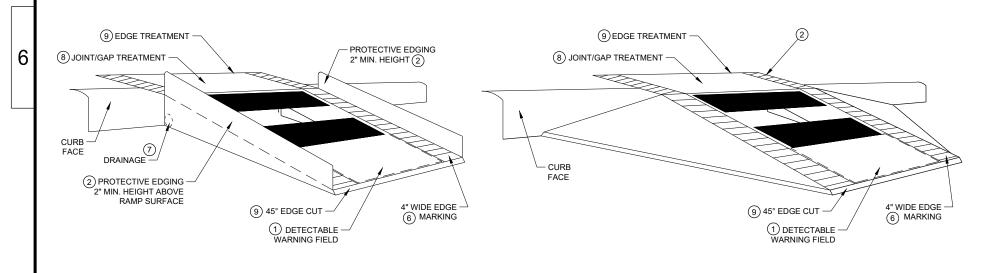
4" WIDE EDGE MARKING (6)

TEMPORARY CURB RAMP PARALLEL TO CURB

CROSS SLOPE 2% MAX. (4)

ABOVE RAMP SURFACE (2)

WITH SIDE APRON



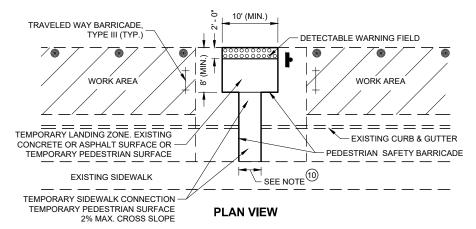
TEMPORARY CURB RAMP PERPENDICULAR TO CURB

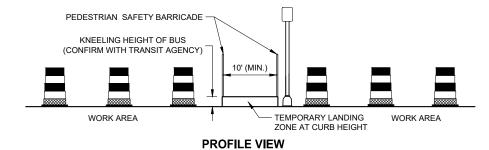
GENERAL NOTES

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

- (1) CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 08D05, SHEET "e".
- PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%), PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
- (3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- (4) CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.
- (5) CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
- (6) THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.
- 7) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
- (8) LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.
- (9) CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES SHALL BE VERTICAL UP TO ¼" HIGH AND BEVELED AT 1:2 BETWEEN ¼" AND ½".
- (1) 5" WIDE MIN. WITH PEDESTRIAN SAFETY BARRICADE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY BARRICADE.





TEMPORARY BUS STOP PAD

LEGEND



TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

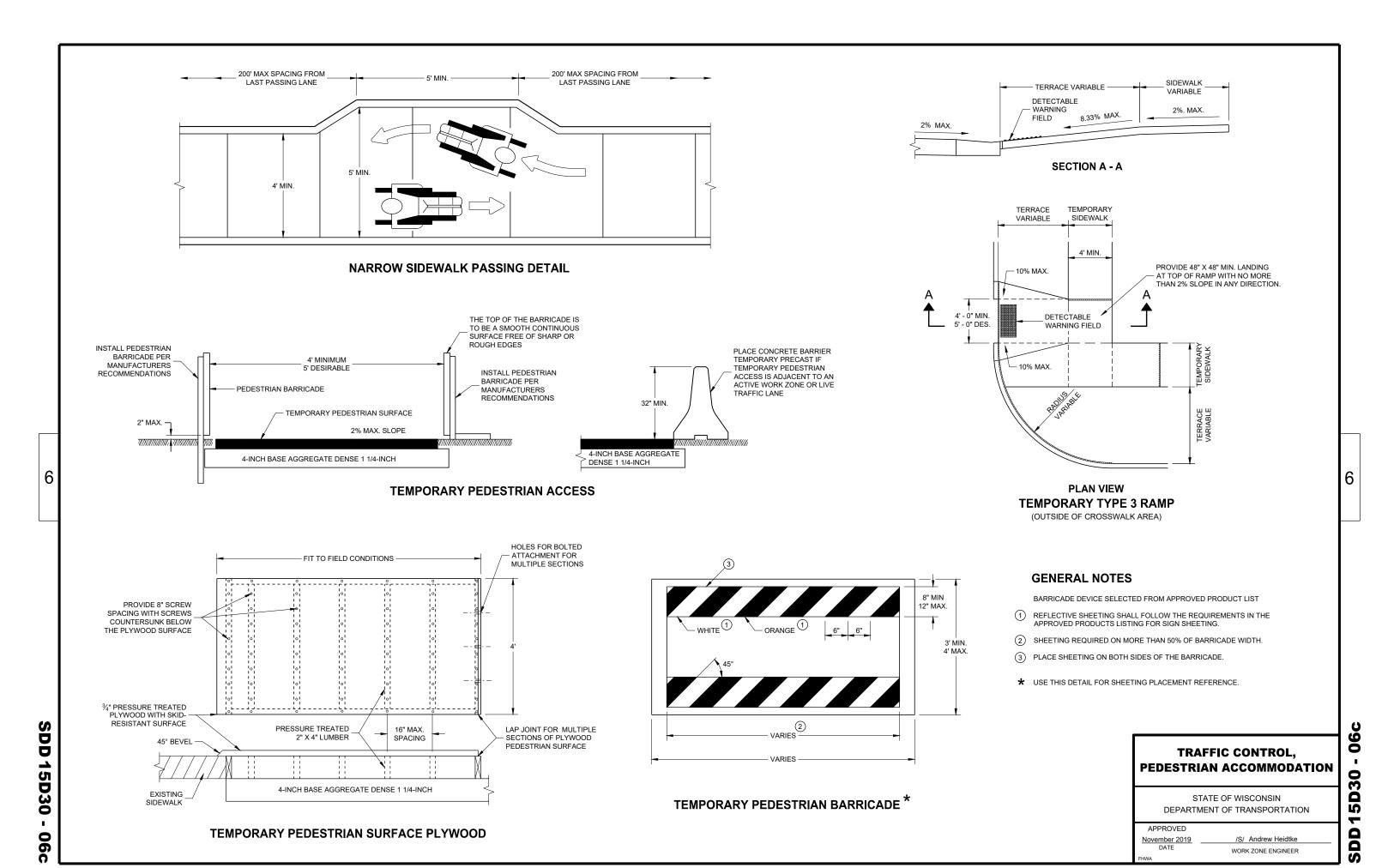
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

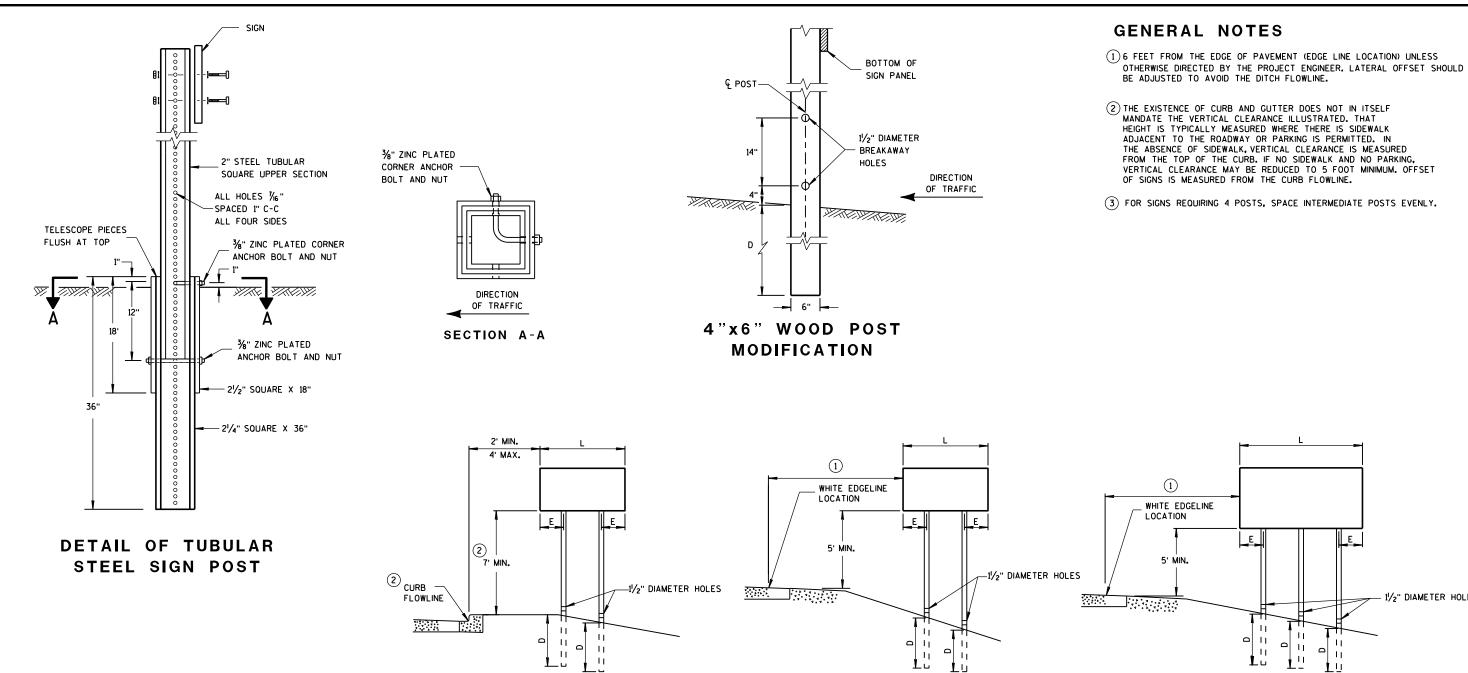
(5) CLEAR SPACE

(9) EDGE TREATMENT

WITH PROTECTIVE EDGE

DD 15D30 - 06





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

RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

WOOD POST **EMBEDMENT DEPTH**

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

4" X 6" WOOD POST

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

SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

-11

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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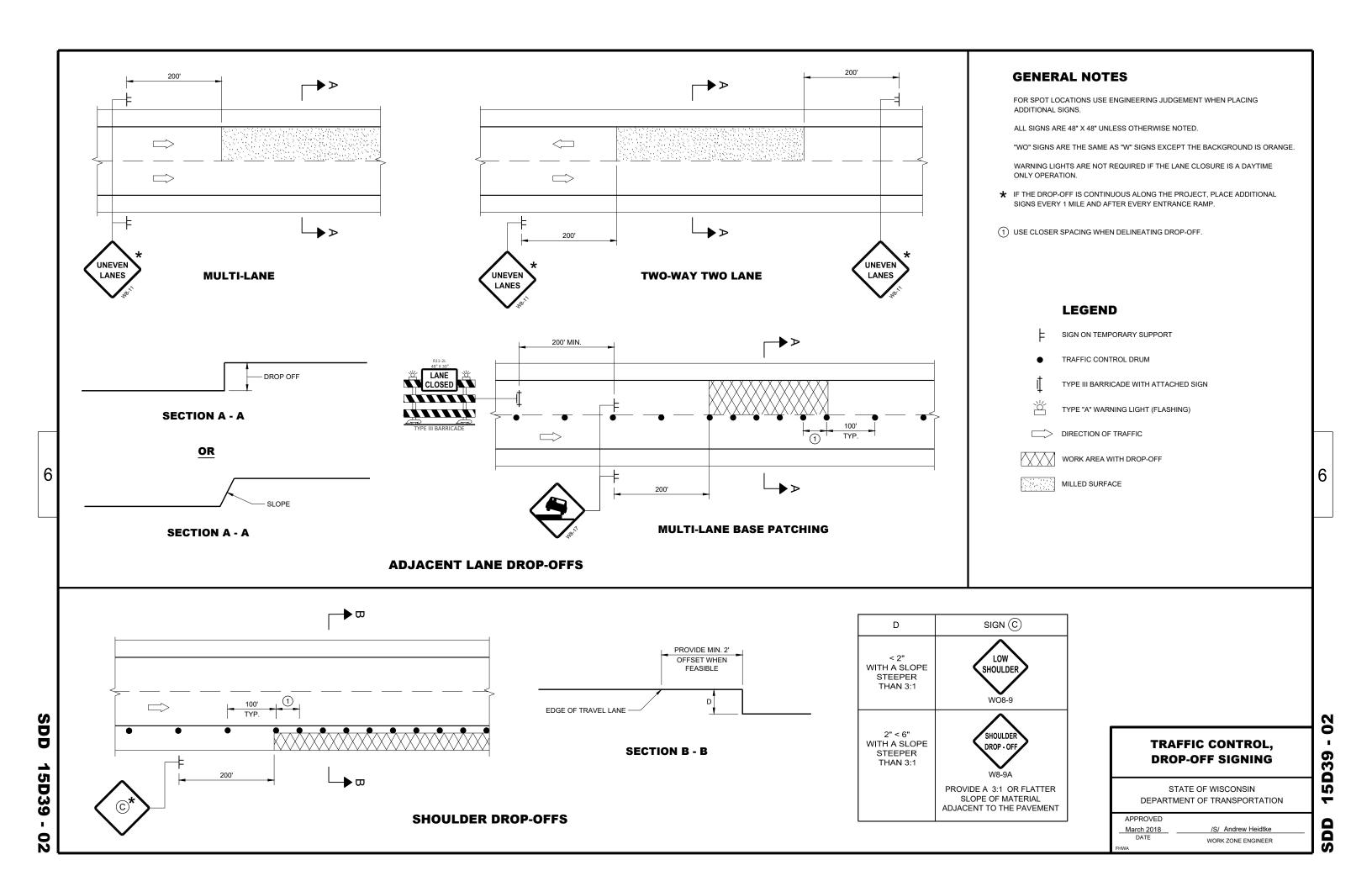
- 11/2" DIAMETER HOLES

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.

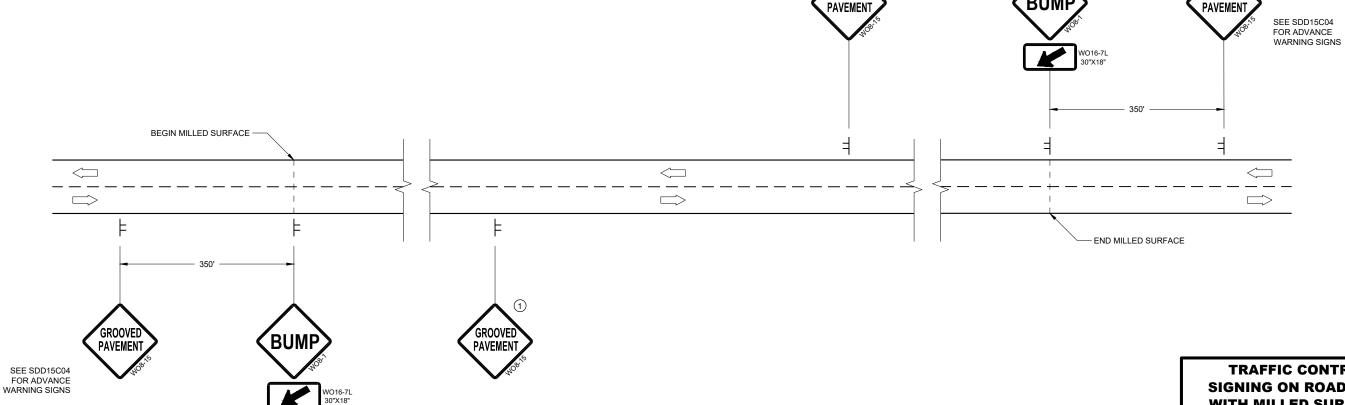
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE

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 MILLED 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.

DIRECTION OF TRAFFIC



DETAIL FOR SIGNING ON MILLED SURFACES

 $\perp \!\!\! \perp$ **PAVEMENT**

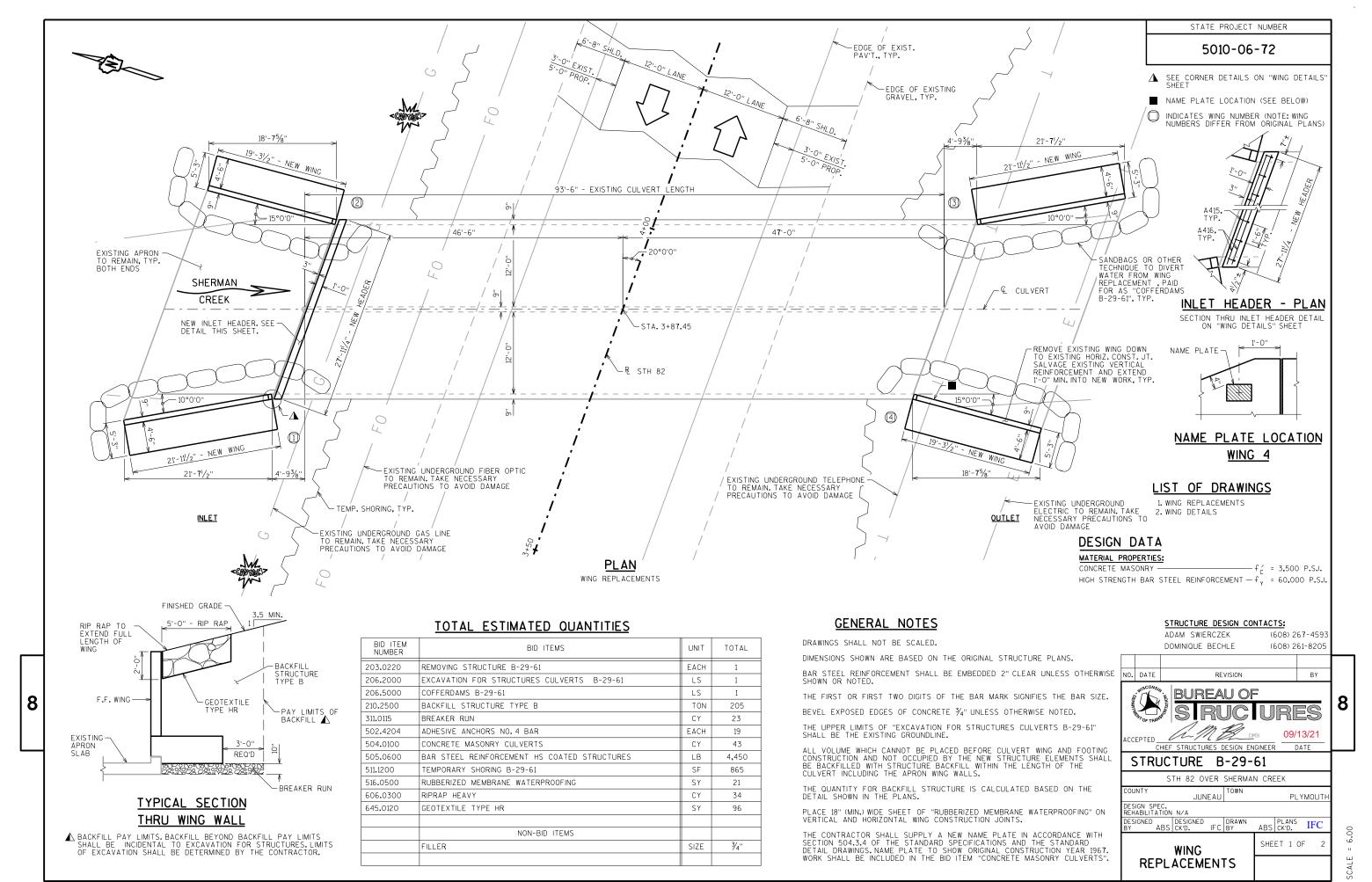
TYPICAL SIDE ROAD APPROACH SIGN DETAIL

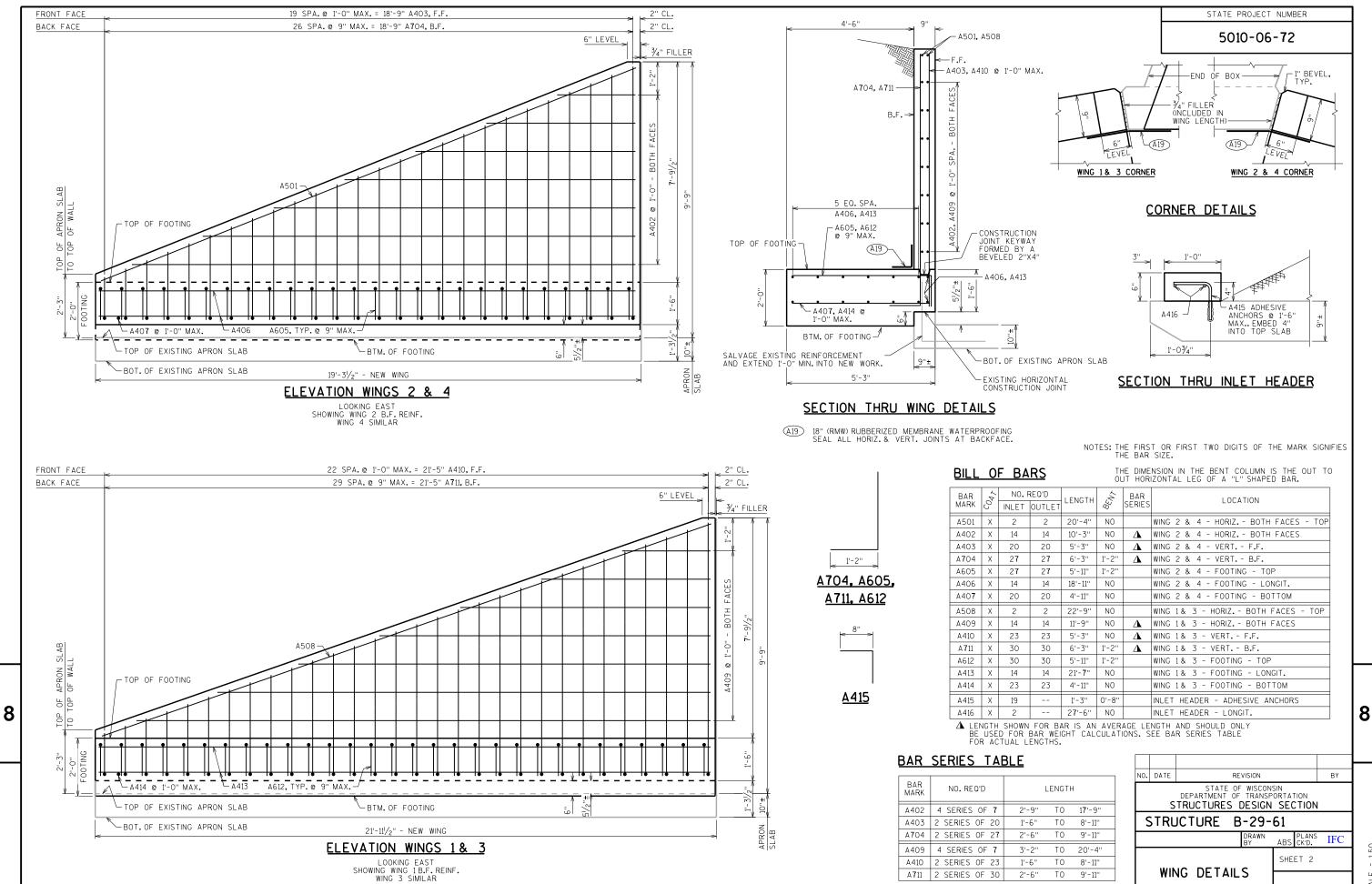
TRAFFIC CONTROL, **SIGNING ON ROADWAYS WITH MILLED SURFACES**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2020 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER Ò D





TO

8'-11"

TO 9'-11"

WING DETAILS

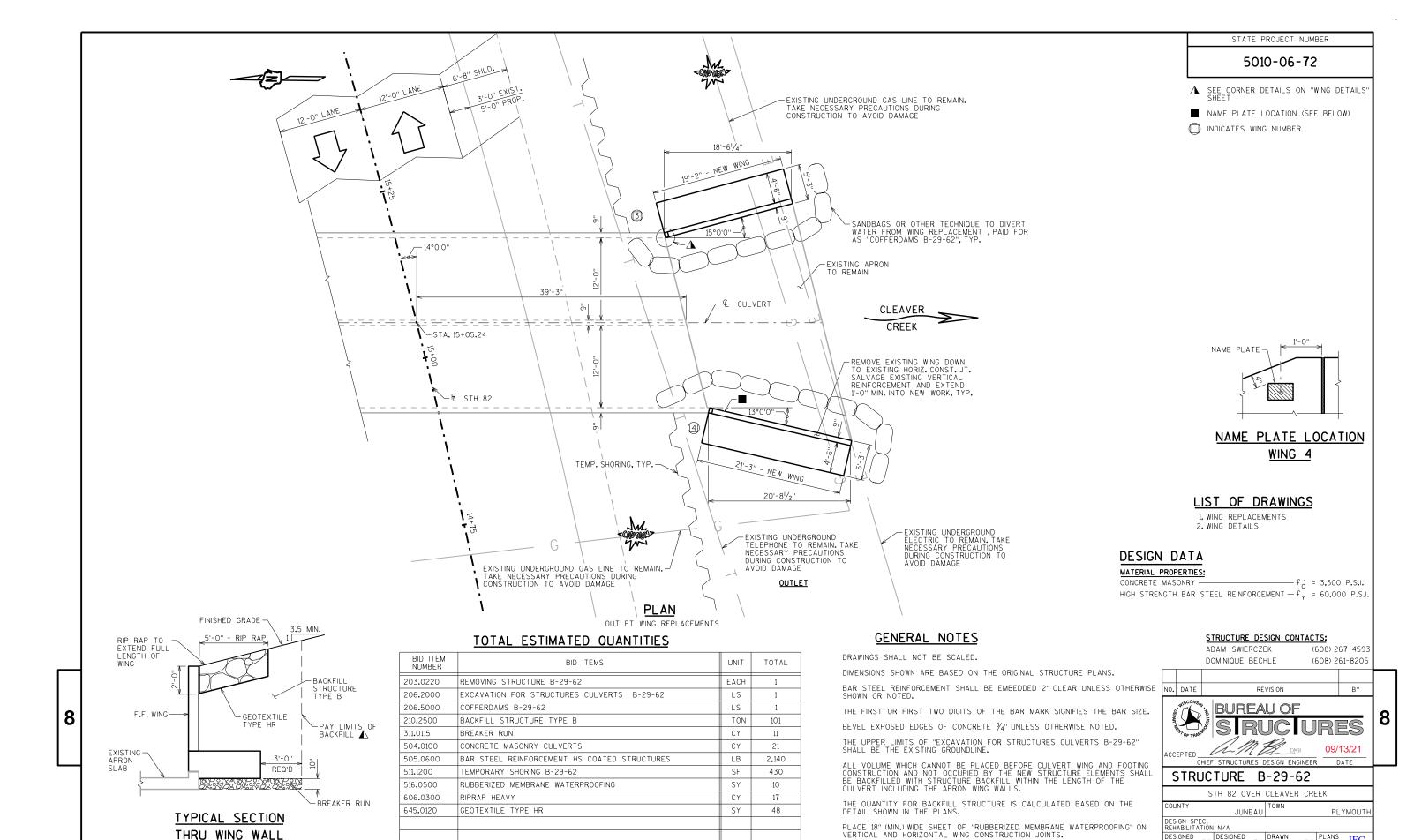
1'-6"

2'-6"

A410 2 SERIES OF 23

A**7**11 2 SERIES OF 30

BUNDLE AND TAG EACH SERIES SEPARATELY



3/4"

SIZE

NON-BID ITEMS

FILLER

THRU WING WALL

⚠ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

> I.D. 5010-06-02B DATE: JUNE 2021

ABS CK'D. IFC

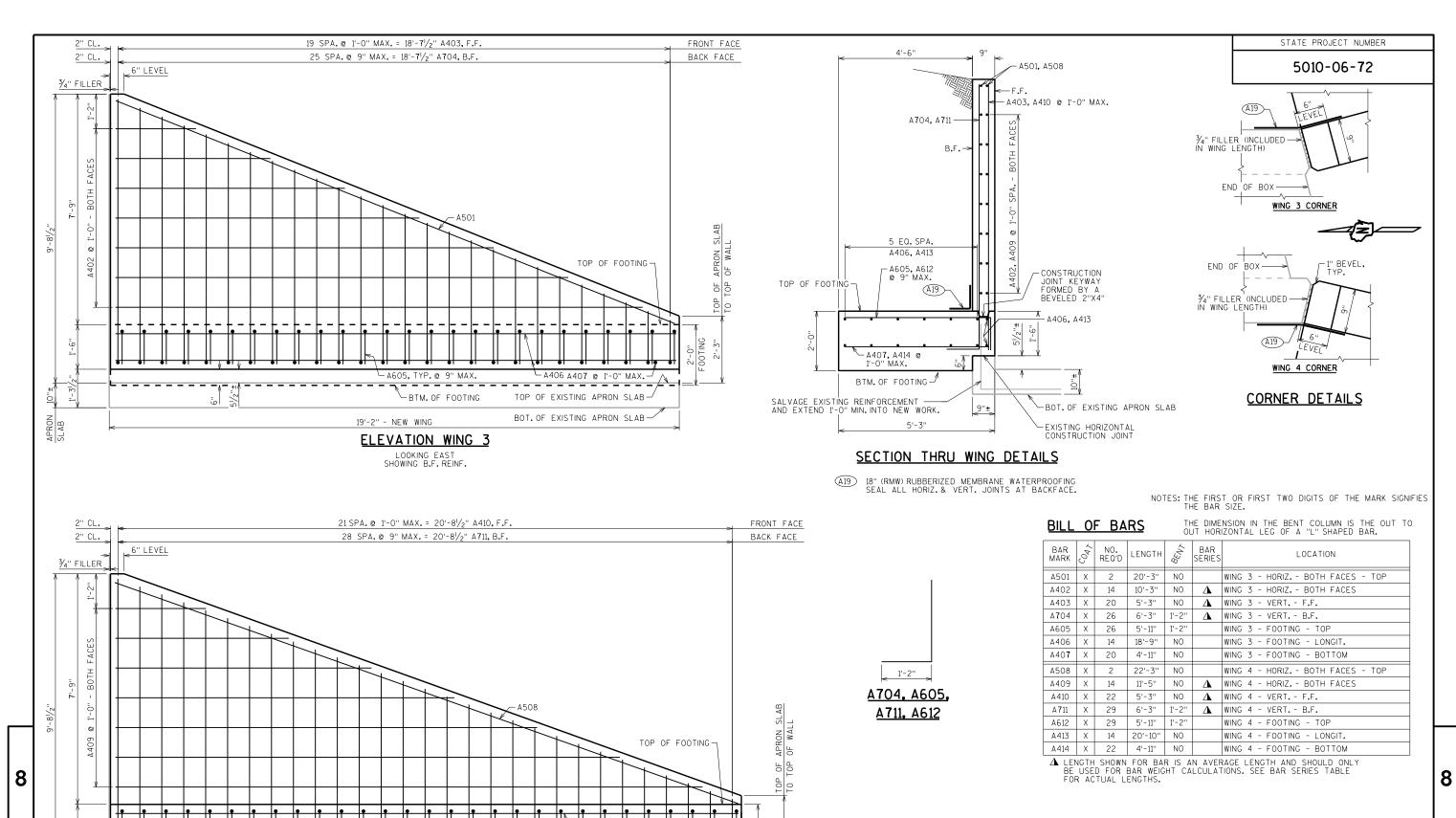
SHEET 1 OF

ABS CK'D. IFC BY

WING REPLACEMENTS

DESIGNED

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 504.3.4 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS, NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR 1967. WORK SHALL BE INCLUDED IN THE BID ITEM "CONCRETE MASONRY CULVERTS".



A414 @ 1'-0" MAX.-

TOP OF EXISTING APRON SLAB

BOT. OF EXISTING APRON SLAB

-A612, TYP. @ 9" MAX.

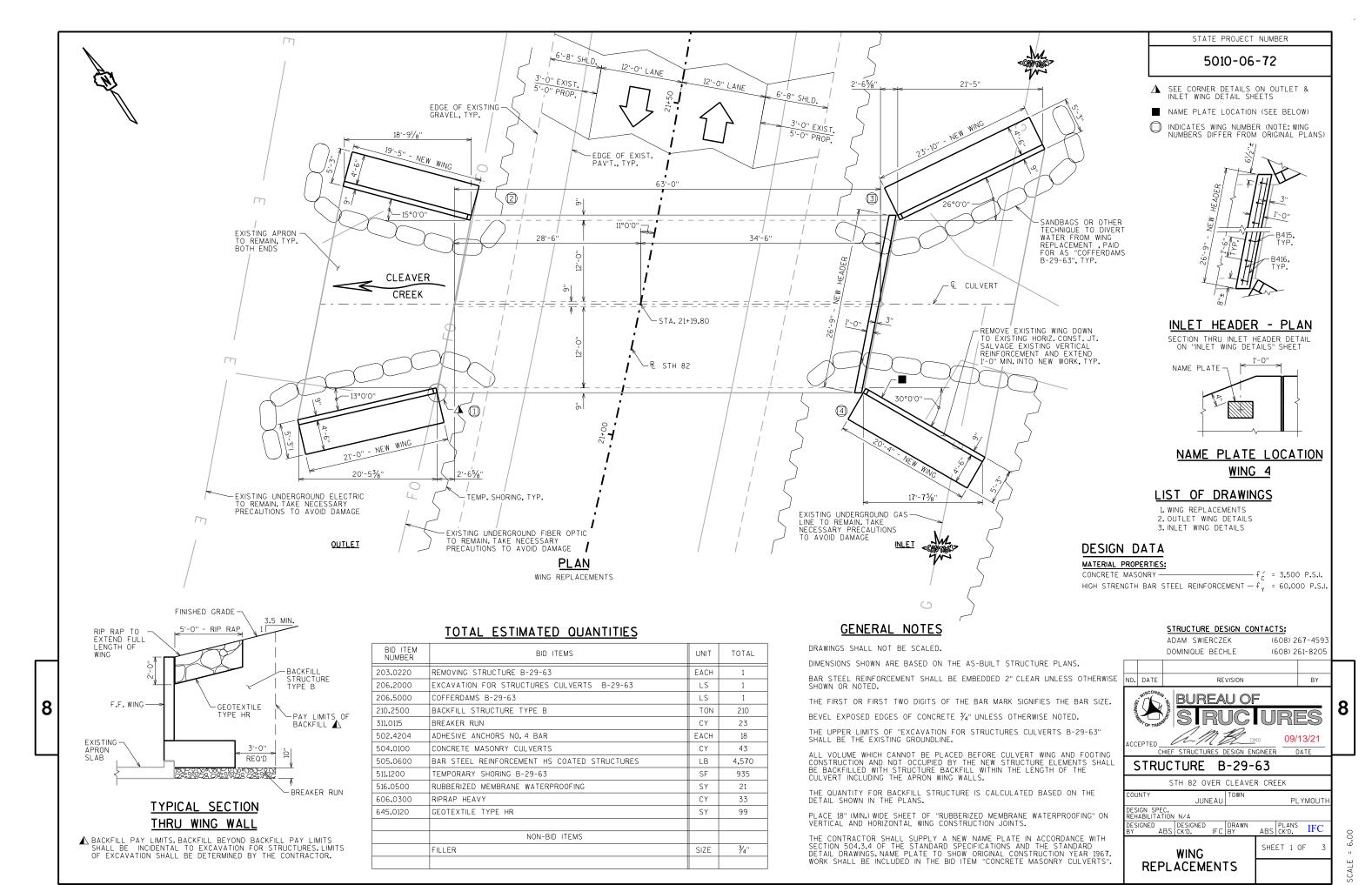
21'-3" - NEW WING **ELEVATION WING 4** LOOKING EAST SHOWING B.F. REINF.

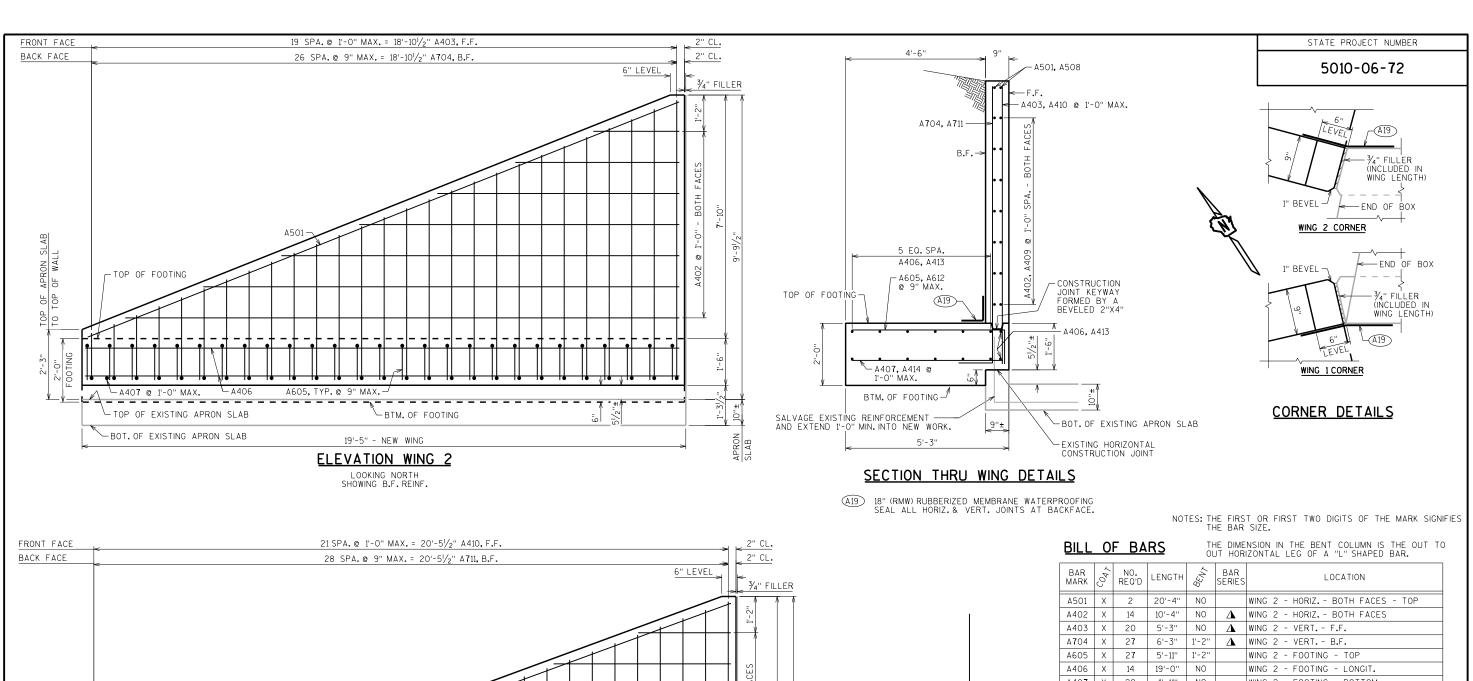
BTM. OF FOOTING

BAR SERIES TABLE

BAR MARK	No. REQ'D	L	_ENGTH	1	
A402	2 SERIES OF 7	2'-9"	TO	17'-8''	
A403	1 SERIES OF 20	1'-6''	TO	8'-11"	
A704	1 SERIES OF 26	2'-6"	TO	9'-11"	
A409	2 SERIES OF 7	3'-0"	ТО	19'-9"	
A410	1 SERIES OF 22	1'-6''	ТО	8'-11''	
A 711	1 SERIES OF 29	2'-6"	ТО	9'-11"	
BUNDLE AND TAG FACH SERIES SEPARATELY					

NO.	DATE		REVISION		BY	
	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION					
<u> </u>	STRUCTURE B-29-62					
	DRAWN BY ABS CK'D. IFC					
	WILL DETAIL C			SHEET 2		
	WIL	NG DETAI				





1'-2''

A704, A605,

A711. A612

BAR MARK	C047	NO. REQ'D	LENGTH	8EN7	BAR SERIES	LOCATION
A501	Х	2	20'-4"	NO		WING 2 - HORIZ BOTH FACES - TOP
A402	Х	14	10'-4''	NO	Δ	WING 2 - HORIZ BOTH FACES
A403	Х	20	5'-3''	NO	Δ	WING 2 - VERT F.F.
A704	Х	27	6'-3"	1'-2"	Δ	WING 2 - VERT B.F.
A605	Х	27	5'-11"	1'-2''		WING 2 - FOOTING - TOP
A406	Х	14	19'-0"	NO		WING 2 - FOOTING - LONGIT.
A407	Χ	20	4'-11''	NO		WING 2 - FOOTING - BOTTOM
A508	Х	2	22'-0"	NO		WING 1 - HORIZ BOTH FACES - TOP
A409	Х	14	11'-2"	NO	Δ	WING 1 - HORIZ BOTH FACES
A410	Х	22	5'-3''	NO	A	WING 1 - VERT F.F.
A 711	Х	29	6'-3"	1'-2''	A	WING 1 - VERT B.F.
A612	Х	29	5'-11"	1'-2"		WING 1 - FOOTING - TOP
A413	Х	14	20'- 7 "	NO		WING 1 - FOOTING - LONGIT.
A414	Х	22	4'-11''	NO		WING 1 - FOOTING - BOTTOM

A LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

BAR SERIES TABLE

BAR MARK	NO. REO'D	L	.ENGT	1
A402	2 SERIES OF 7	2'-9"	TO	17'-10''
A403	1 SERIES OF 20	1'-6''	TO	9'-0"
A 7 04	1 SERIES OF 27	2'-6"	TO	10'-0"
A409	2 SERIES OF 7	3'-0"	TO	19'-5"
A410	1 SERIES OF 22	1'-6''	ТО	9'-0"
A 711	1 SERIES OF 29	2'-6"	TO	10'-0"
BUNDLE AND TAG EACH SERIES SEPARATELY				

NO.	DATE		REVISION		BY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION						
Ş	STRUCTURE B-29-63					
DRAWN ABS CK'D. IFC						
OUTLET WING				SHEET 2		
DETAILS						

8

APRON OF WAL

10P

-TOP OF FOOTING

└ A414 @ 1'-0" MAX.

TOP OF EXISTING APRON SLAB

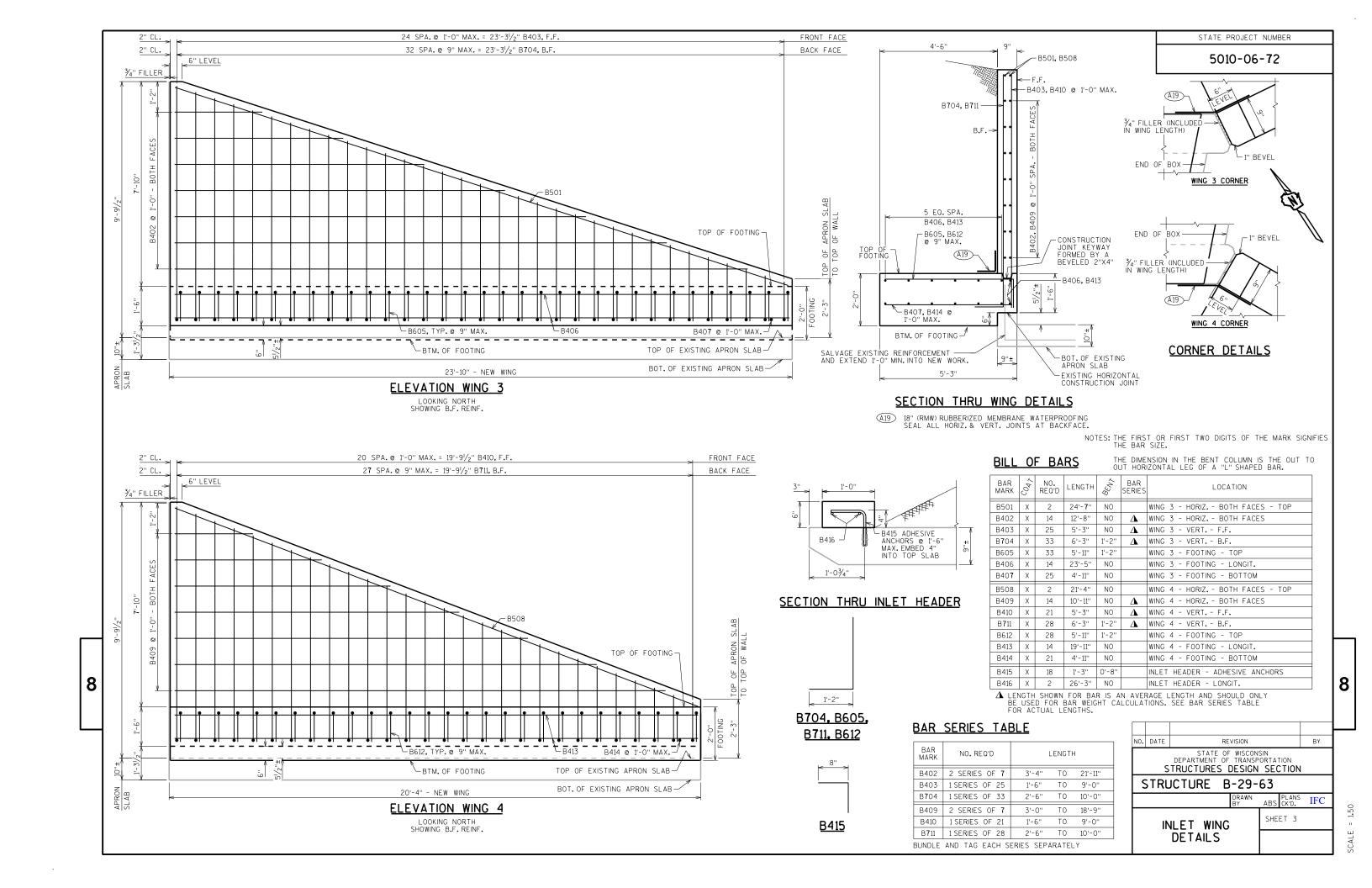
►BOT.OF EXISTING APRON SLAB

A508

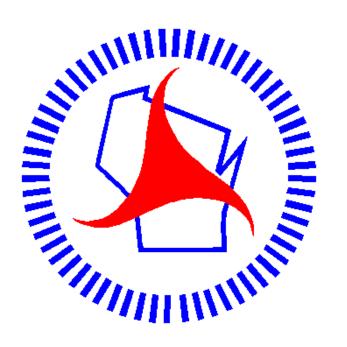
__A413 A612, TYP. @ 9" MAX. _

─BTM. OF FOOTING

21'-0" - NEW WING **ELEVATION WING 1** LOOKING NORTH SHOWING B.F. REINF.



Notes



Wisconsin Department of Transportation

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