STATE OF WISCONSIN **DEPARTMENT OF TRANSPORTATION**

PLAN OF PROPOSED IMPROVEMENT

RIVER FALLS - HUDSON

HANLEY ROAD INTERCHANGE

STH 35 ST CROIX COUNTY

> STATE PROJECT NUMBER 7200-00-70

> > 1-94

TOTAL SHEETS = 50

Typical Sections and Details Estimate of Quantities

Miscellaneous Quantities

Standard Detail Drawings

Plan and Profile

DESIGN DESIGNATION 7200-00-00

2021 = 10.200 A.A.D.T. = 10,200 = N/A = N/A = 7% DESIGN SPEED = 15 MPH

CONVENTIONAL SYMBOLS

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

WOODED OR SHRUB AREA

PROFILE GRADE LINE ORIGINAL GROUND MARSH OR ROCK PROFILE (To be noted as such) SPECIAL DITCH GRADE ELEVATION CULVERT (Profile View) UTILITIES ELECTRIC FIBER OPTIC

> SANITARY SEWER STORM SEWER

UTILITY PEDESTAL

TELEPHONE POLE

POWER POLE

TELEPHONE

₫

BEGIN PROJECT STA 193+28

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STH 35 CARMICHAEL RD HANLEY RD **BEGIN EXCEPTION** STH 35 STA 199+02 TOTAL NET LENGTH OF CENTERLINE = 0.360 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), ST CROIX COUNTY, NAD83 (2011) IN U.S. SURVEY FEET, POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

END PROJECT

STA 213+01

END EXCEPTION

STA 201+59

FEDERAL PROJECT STATE PROJECT CONTRACT PROJECT 7200-00-70 WISC 2021373 1

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	SEH
Designer	VIDAR SANCHEZ
Project Manager	NICHOLAS PITSCH
Regional Examiner	TOU YANG
Regional Supervisor	DAVID KOEPP, PE
Regional Examiner Regional Supervisor	

PPROVED FOR THE DEPARTMENT Dave Koepp O-WisDot, CN=Di Ε

4/4/2021 11:31 PM SANCHEZ, VIDAR

USH 12

COUNTY U

COUNTY N

OLD HWY 35

FILE NAME: N:\PDS\C3D\72000000\SHEETSPLAN\72000000_TI.DWG

STANDARD ABBREVIATIONS

AGGREGATE LONG CHORD OF CURVE AGG APRON ENDWALL FOR CULVERT PIPE **AECPRC** MOR MID POINT OF RADIUS REINFORCED CONCRETE NC NORMAL CROWN ASPH ASPHALTIC N.T.S. NOT TO SCALE ВМ BENCH MARK PAVT PAVEMENT CE COMMERCIAL ENTRANCE PΕ PRIVATE ENTRANCE CL OR C/L OR & CENTER LINE PVRC POINT OF VERTICAL REVERSE CURVE CENTRAL ANGLE OR DELTA QUARTER POINT OF RADIUS OOR Δ CONC CONCRETE RADIUS CULVERT PIPE REINFORCED CONCRETE RES RESIDENCE OR RESIDENTIAL CPRCHE CULVERT PIPE REINFORCED CONCRETE RIGHT-OF-WAY R/W HORIZONTAL ELLIPTICAL ROADWAY RDWY DISCH DISCHARGE R/L OR R REFERENCE LINE DWY DRIVEWAY SAN SANITARY SEWER END POINT OF RADIUS EOR STORM SEWER SS STORM SEWER PIPE REINFORCED CONCRETE ENT ENTRANCE SSPRC FΕ FIELD ENTRANCE SSPRCHE STORM SEWER PIPE REINFORCED CONCRETE F0 FIBER OPTIC HORIZONTAL ELLIPTICAL CWT SUPERELEVATION RATE HUNDREDWEIGHT SF HIGH DENSITY POLYTHENE PIPE HDPE TYP TYPICAL HYD VAR VARIABLE INV VERTICAL CURVE INVERT VC ΙP IRON PIPE ON PIN

ORDER OF TYPICAL SECTION AND DETAIL SHEETS

LENGTH OF CURVE

GENERAL NOTES PROJECT OVERVIEW TYPICAL SECTIONS CONSTRUCTION DETAILS INTERSECTION DETAILS EROSION CONTROL - SEE STORM & SANITARY SEWER STORM & SANITARY SEWER LIGHTING PLAN TRAFFIC SIGNAL REMOVAL TRAFFIC SIGNAL TEMPORARY TRAFFIC SIGNAL PLAN PERMANENT SIGNING PAVEMENT MARKING TRAFFIC CONTROL DETOLIRS

Dial [31] or (800)242-8511

www.DiggersHotline.com

ALIGNMENT

COMMUNICATION

RICK PODOLAK 304 S DEWEY STREET EAU CLAIRE, WI 54701 TELEPHONÉ: 715-839-5565 (OFFICE) 715-410-0656 (MOBILE) EMAIL: RP4514@ATT.COM

AT&T WISCONSIN

BALDWIN TELECOM, INC MATT KNEGENDORF 930 MAPLE STREET BALDWIN, WI 54002 TELEPHONE:

715-688-1034 (OFFICE) 715-760-0968 (MOBILÉ) FMAII: MKNEGENDORF@LSWI.NET

ELECTRIC

BRIAN MELLO 2001 OLD HWY 35 S HUDSON, WI 54016 TELEPHONE: 715-377-1810 FMAII .

UTILITY CONTACTS

BRIAN.M.MELLO@XCELENERGY.COM

GAS / PETROLEUM

XCEL ENERGY **BRIAN MELLO** 2001 OLD HWY 35 S HUDSON, WI 54016 TELEPHONE: 715-377-1810 FN/AII · BRIAN.M.MELLO@XCELENERGY.COM

GENERAL NOTES

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

ACCESS TO ALL RESIDENCES AND BUSINESSES SHALL BE MAINTAINED DURING CONSTRUCTION.

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.

A VERTICAL SAWCUT SHALL BE MADE THROUGH EXISTING PAVEMENTS AT REMOVAL LIMITS.

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

LIMIT STAGING/STOCKPILING TO PAVED, GRAVEL OR MOWED AREAS. IF STAGING CANNOT BE LIMITED, THEN SURVEYS FOR THREATENED AND ENDANGERED SPECIES ARE REQUIRED.

CURB RAMP TYPES ARE SHOWN ON THE INTERSECTION DETAIL SHEETS. ALL CURB AND GUTTER RADII, PAVEMENT DIMENSIONS AND STATIONS ARE SHOWN TO THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.

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 TOPSOILED, FERTILIZED, SEEDED, AND EROSION MATTED AS SHOWN IN THE PLANS, FINISHED SEEDED SURFACE SHALL BE 1-INCH BELOW THE TOP OF ADJACENT CONCRETE.

REMOVAL OF EROSION MAT AFTER VEGETATION HAS BEEN ESTABLISHED, OR AT THE COMPLETION OF PROJECT, WILL BE REQUIRED AND IS INCIDENTAL TO THE COST OF INSTALLATION.

ALL STORM SEWER INVERTS, ELEVATIONS, PIPE LENGTHS, GRADES ARE COMPUTED CENTER-TO-CENTER OF STRUCTURES.

STATE CONTACTS

DNR CONTACT

STATE OF WISCONSIN NORTHWEST DISTRICT 1300 WEST CLAIREMONT AVENUE EAU CLAIRE, WI 54701-6127 TELEPHONE: 715-495-1903 ATTENTION: AMY L. LESIK EMAIL: AMYL.LESIK@WISCONSIN.GOV

LOCAL OFFICIAL

CITY OF HUDSON

DEAN CHAMBERLAIN, P.E. CITY ENGINEER 505 THIRD STREET HUDSON, WI 54016 TELEPHONE: 715-716-5729 EMAIL: DCHAMBERLAIN@HUDSONWI.GOV

DESIGN CONTACT

WISCONSIN DEPARTMENT OF TRANSPORTATION VIDAR SANCHEZ - PROJECT LEADER 1701 N.4TH STREET SUPERIOR, WI 54880 TELEPHONE: 715-395-3034 EMAIL: VIDAR.SANCHEZ@DOT.WI.GOV

7200-00-70 HWY: STH 35 COUNTY: ST CROIX COUNTY **GENERAL NOTES SHEET** PROJECT NO:

SANITARY SEWER & WATER

505 THIRD STREET

HUDSON, WI 54016

920-219-0378 (MOBILE)

KPETERS@HUDSONWI.GOV

KIP PETERS

TELEPHONE:

EMAIL:

HUDSON PUBLIC UTILITIES

715-386-4765 EXT. 115 (OFFICE)

N:\PDS\C3D\72000000\SHEETSPLAN\020101-GN.DWG LAYOUT NAME - 020101-gn

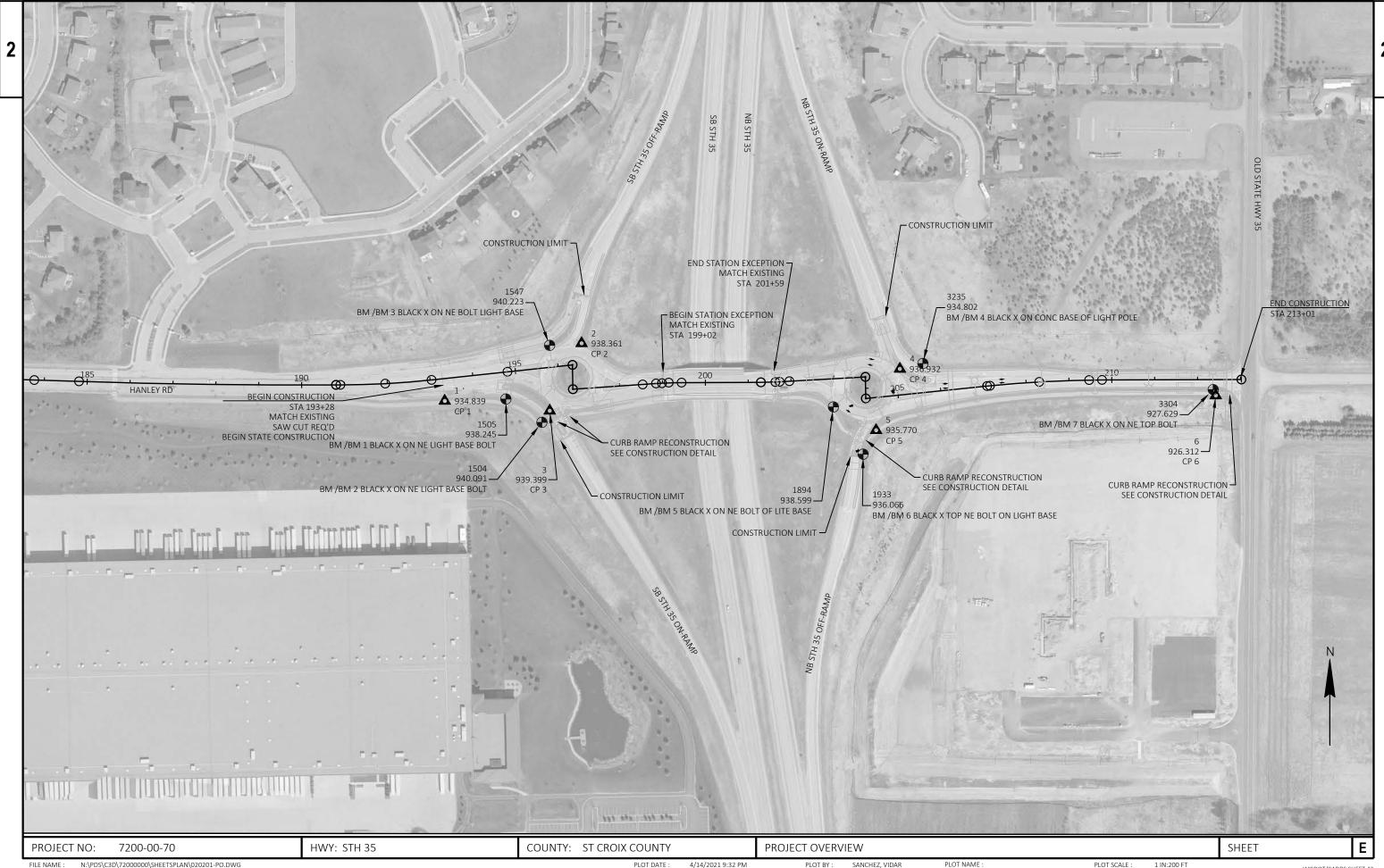
4/14/2021 9:45 PM

PLOT BY: SANCHEZ, VIDAR

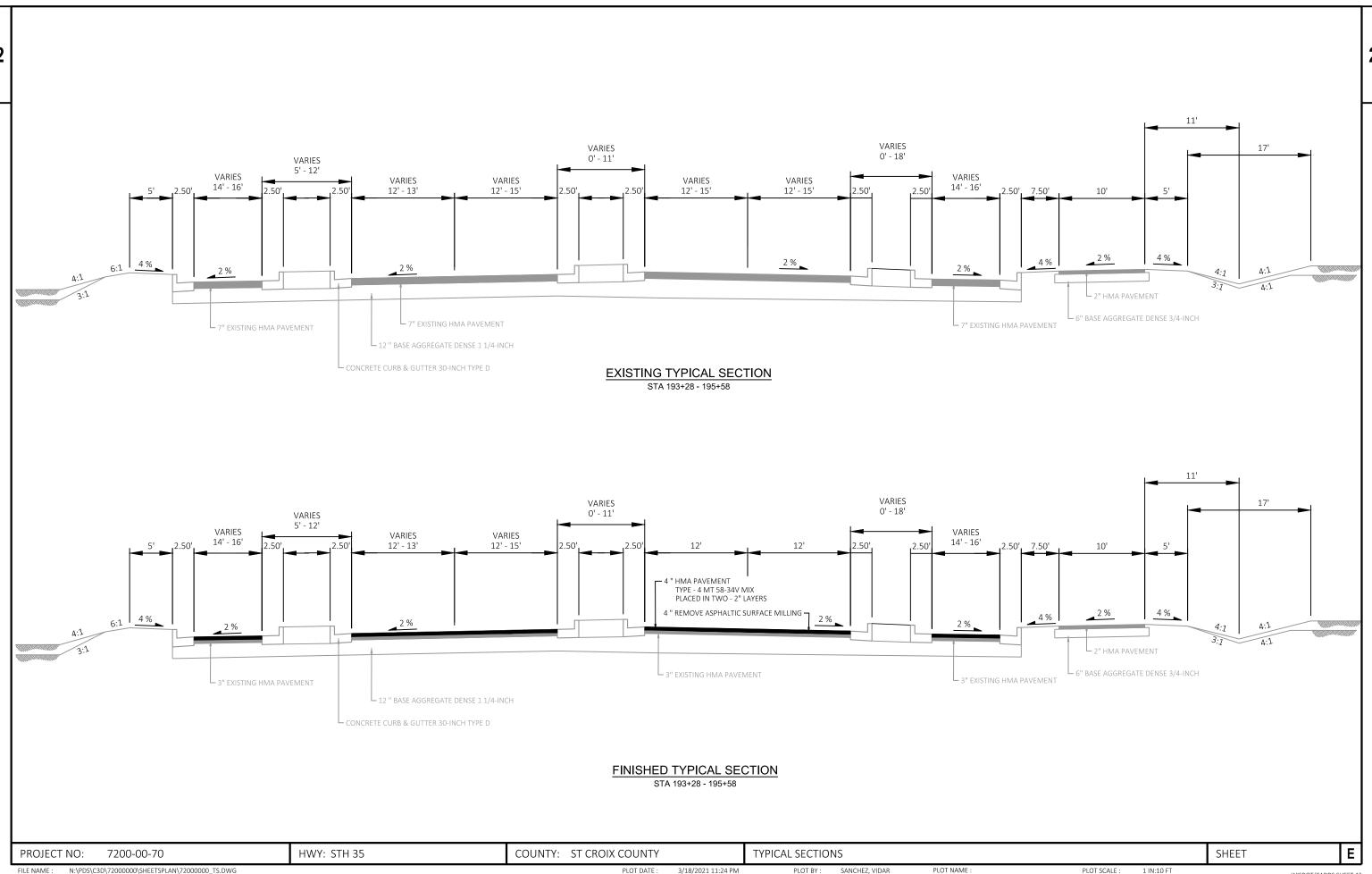
PLOT NAME

1 IN:100 FT

PLOT SCALE :

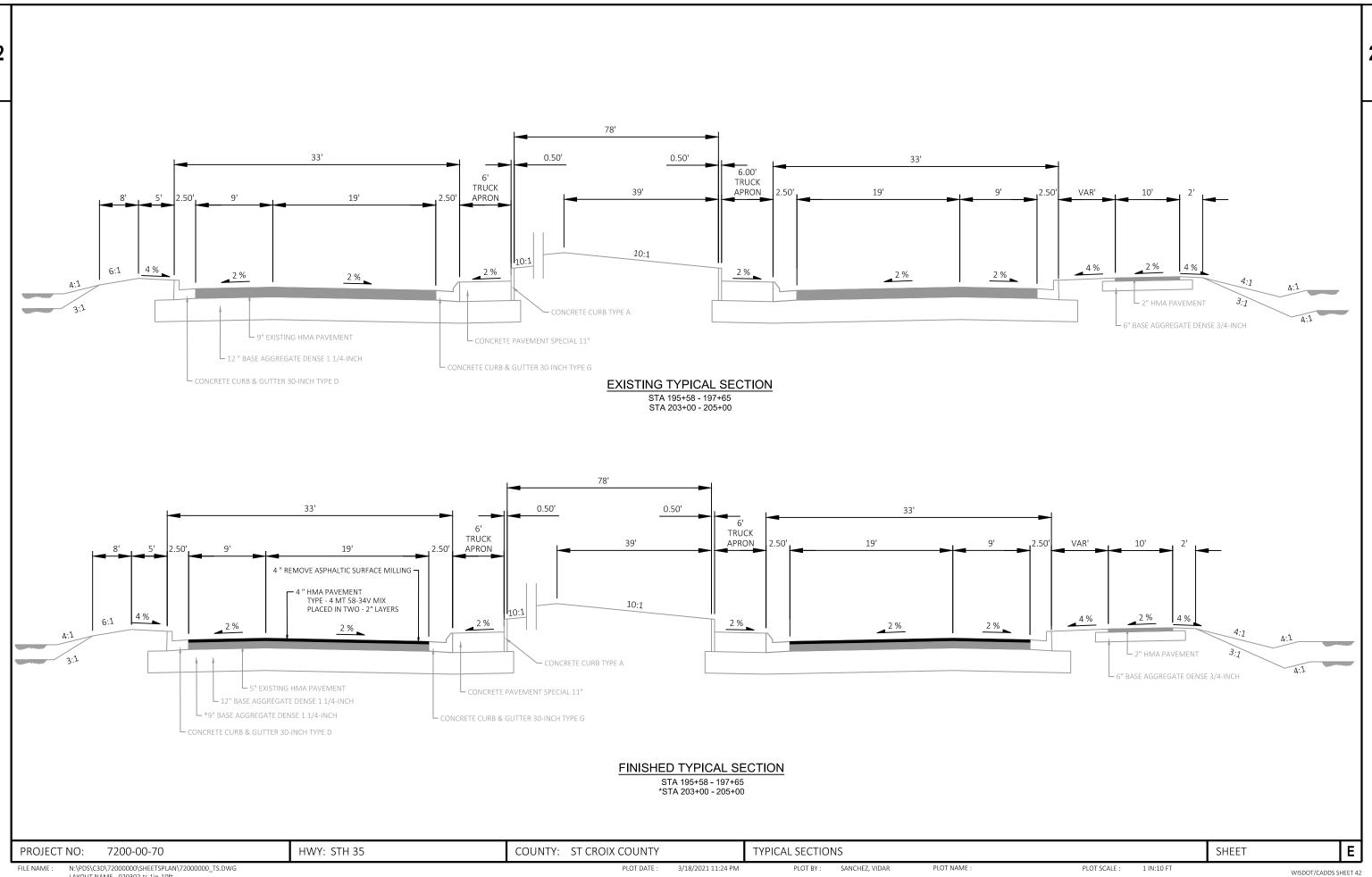


LAYOUT NAME - 1



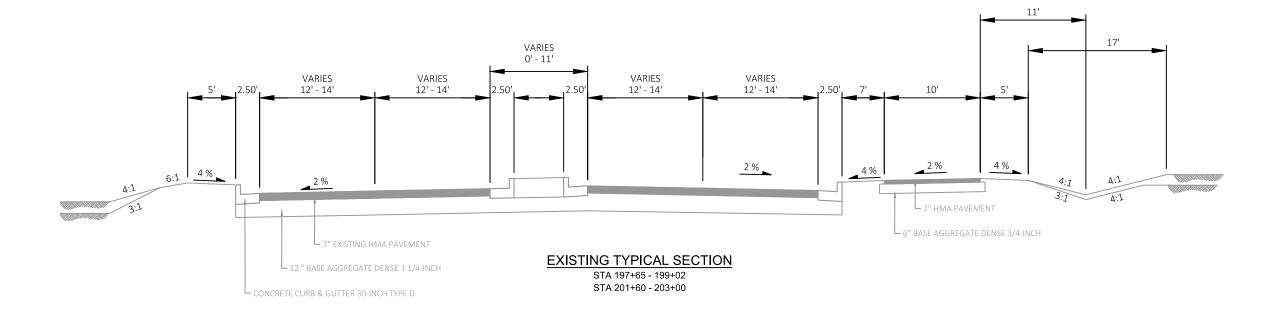
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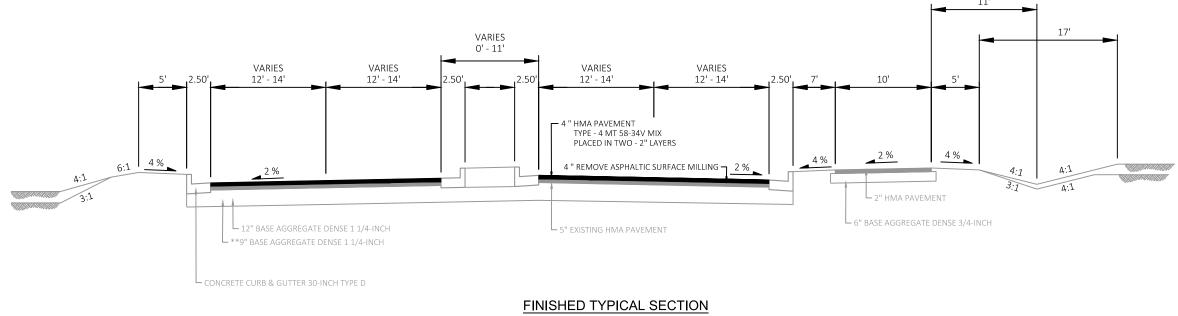
3/18/2021 11:24 PM PLOT BY: SANCHEZ, VIDAR WISDOT/CADDS SHEET 42



LAYOUT NAME - 020302-ts 1in-10ft







STA 197+65 - 199+02 **STA 201+60 - 203+00

PROJECT NO: 7200-00-70 HWY: STH 35 COUNTY: ST CROIX COUNTY TYPICAL SECTIONS SHEET **E**

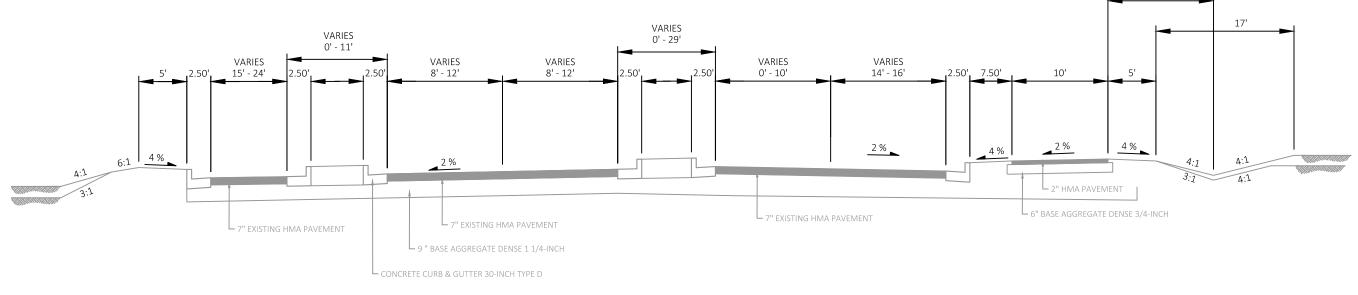
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PLOT SCALE :

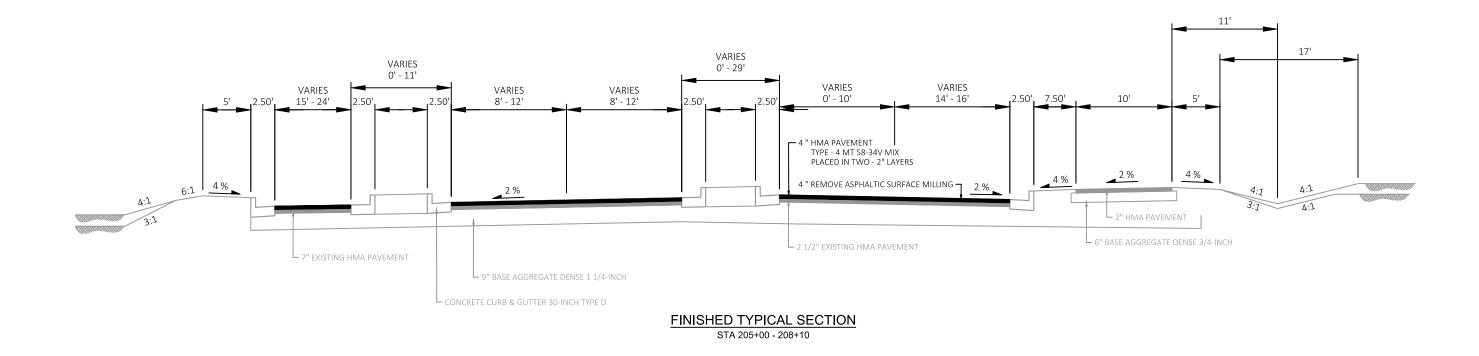


Ε

SHEET



EXISTING TYPICAL SECTION STA 205+00 - 208+10



FILE NAME: N:\PDS\C3D\72000000\SHEETSPLAN\72000000_TS.DWG PLOT DATE: 3/18/2021 11:24 PM PLOT BY: SANCHEZ, VIDAR PLOT NAME: 1 In:10 FT WISDOT/CADDS SHEET 42 LAYOUT NAME - 020304-ts 1in-10ft

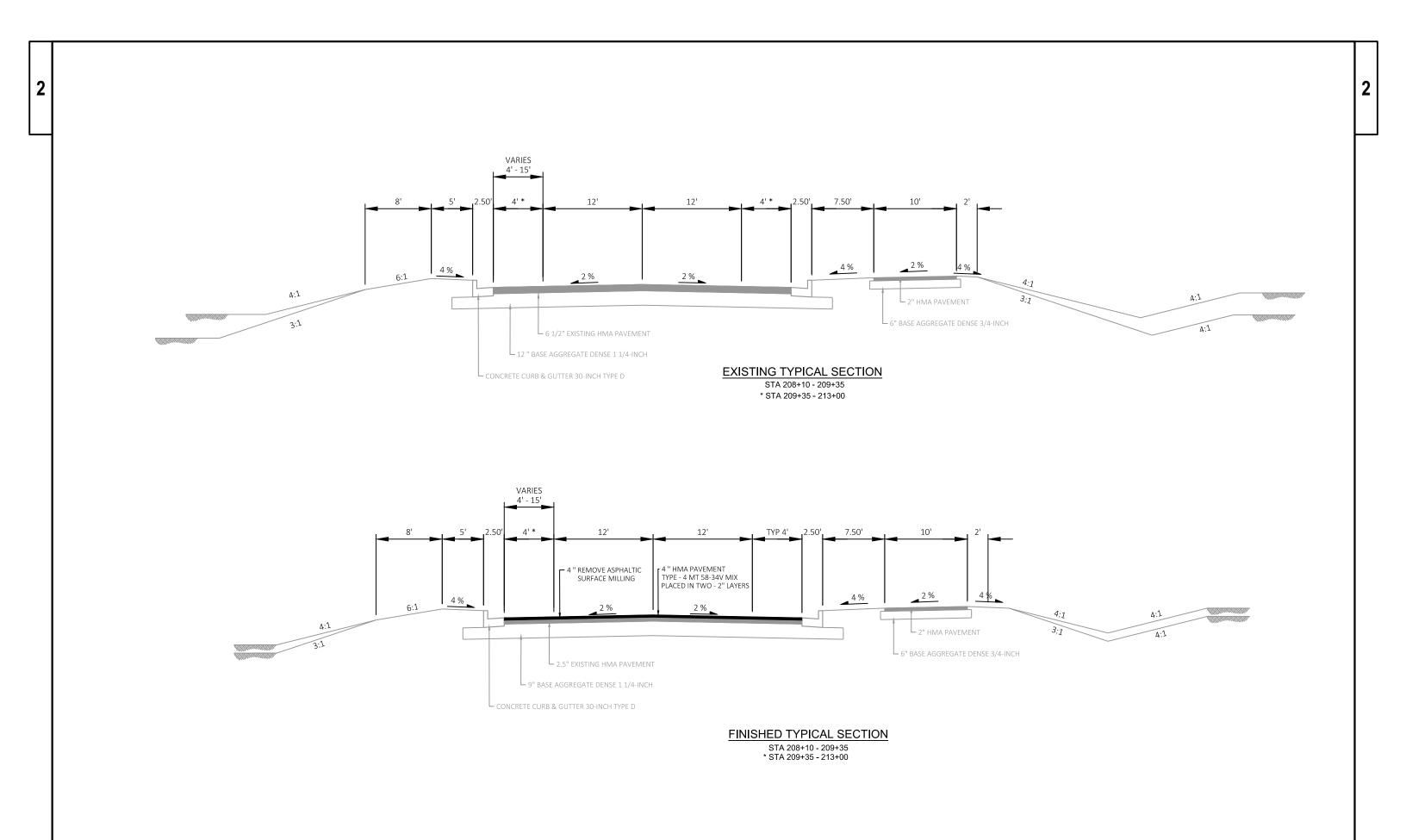
TYPICAL SECTIONS

COUNTY: ST CROIX COUNTY

7200-00-70

PROJECT NO:

HWY: STH 35



N:\PD\$\C3D\72000000\\$HEET\$PLAN\72000000_T\$.DWG FILE NAME : 3/18/2021 11:24 PM PLOT BY: SANCHEZ, VIDAR PLOT NAME : PLOT SCALE : 1 IN:10 FT WISDOT/CADDS SHEET 42

TYPICAL SECTIONS

COUNTY: ST CROIX COUNTY

E

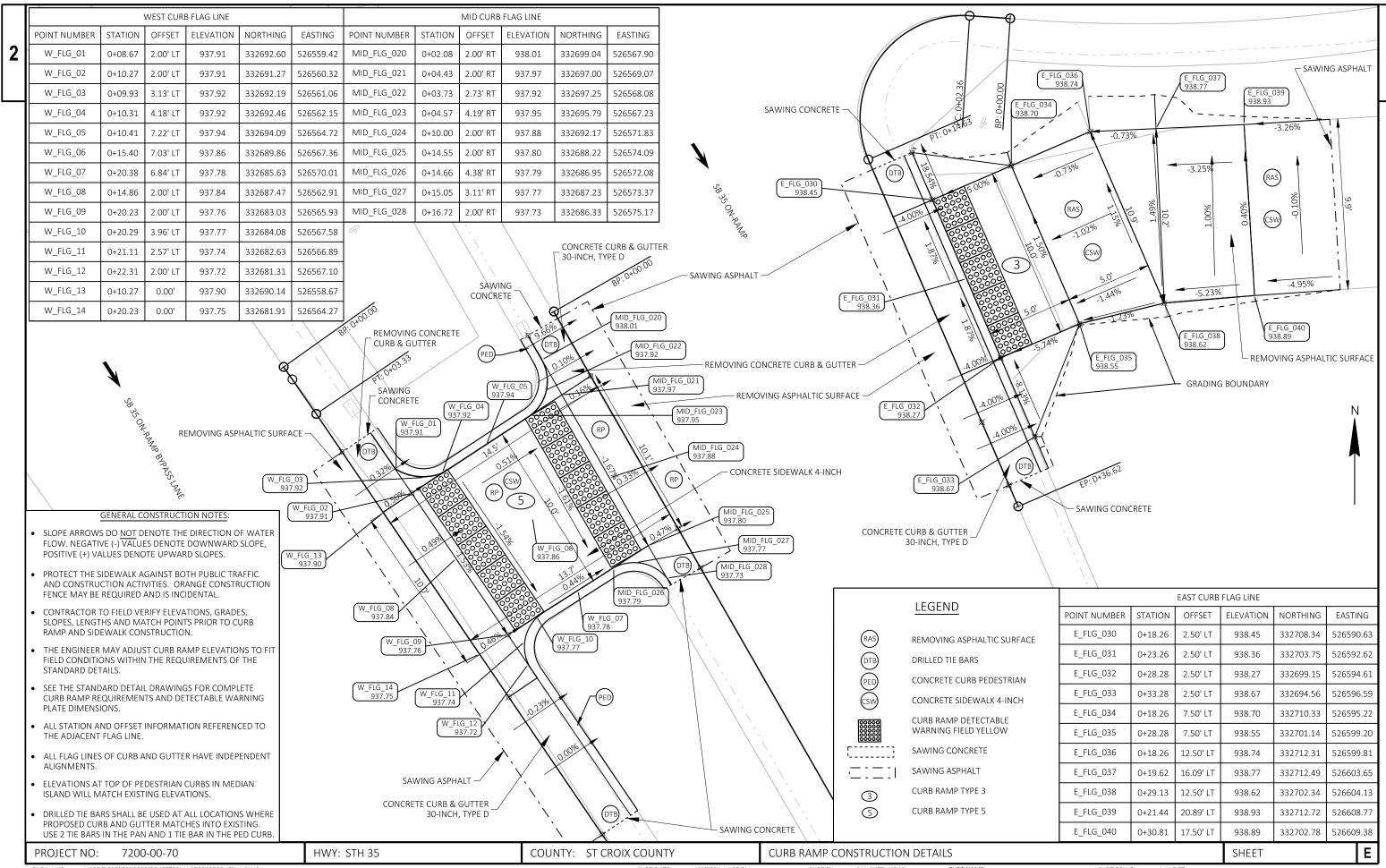
SHEET

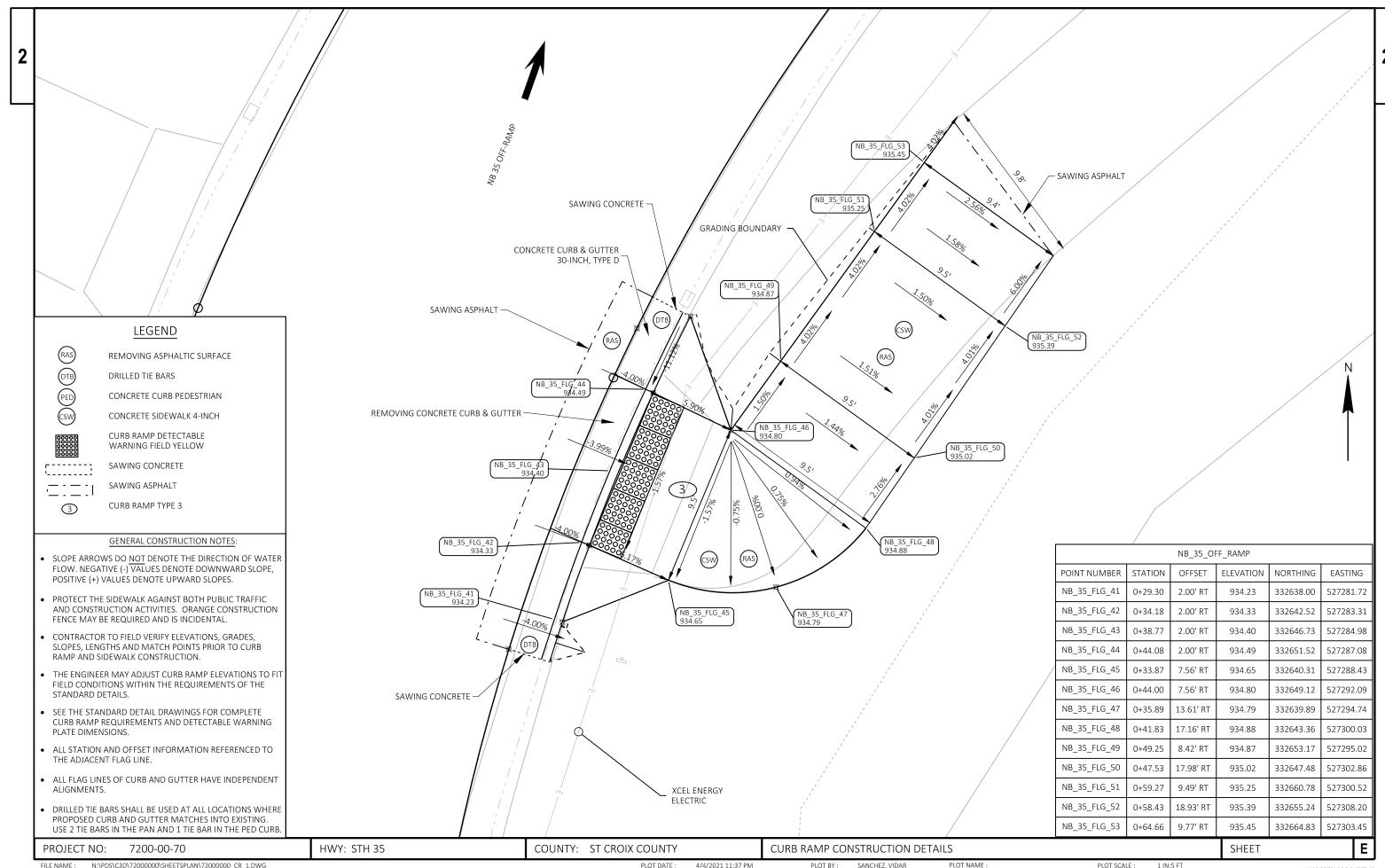
LAYOUT NAME - 020305-ts 1in-10ft

PROJECT NO:

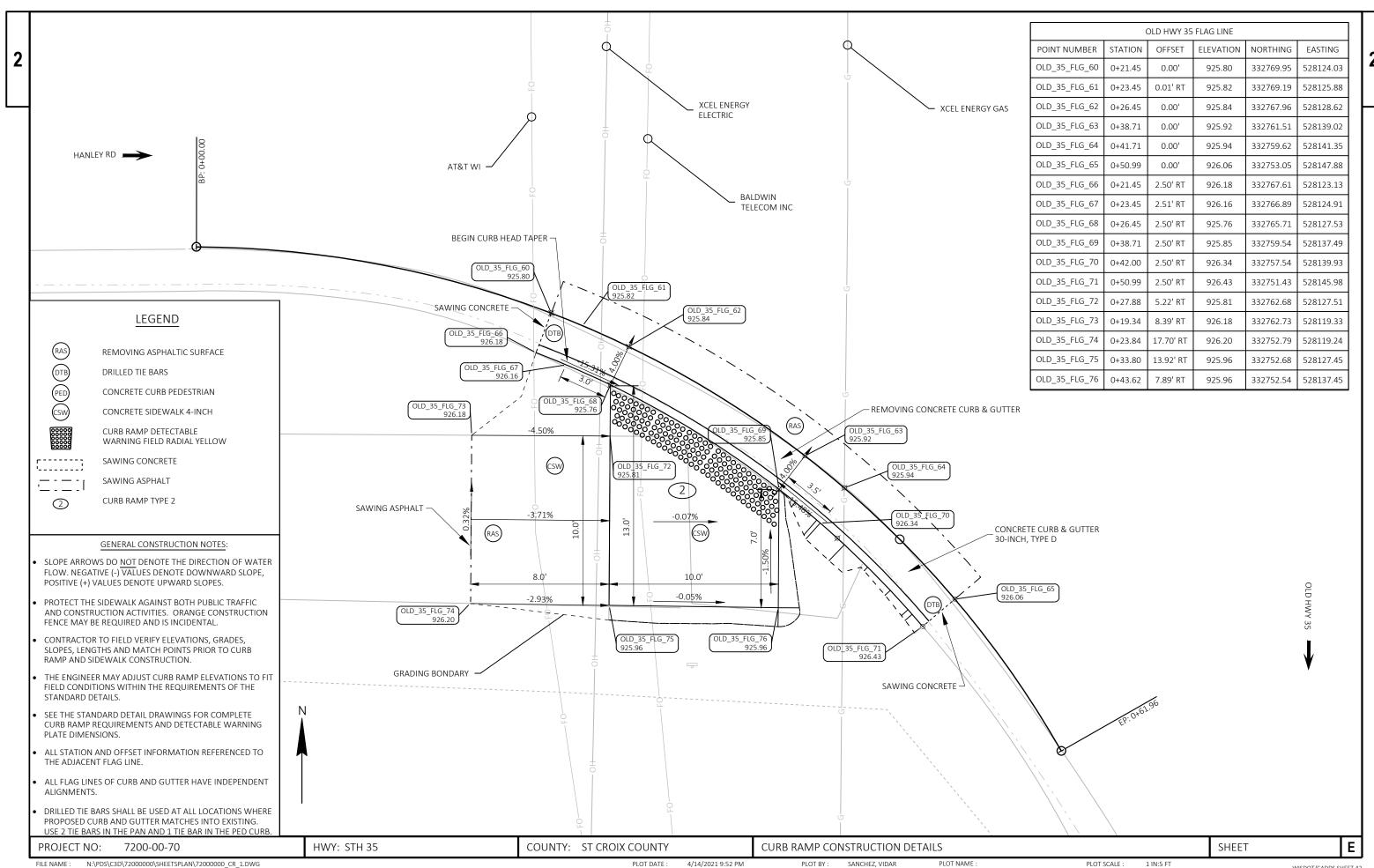
7200-00-70

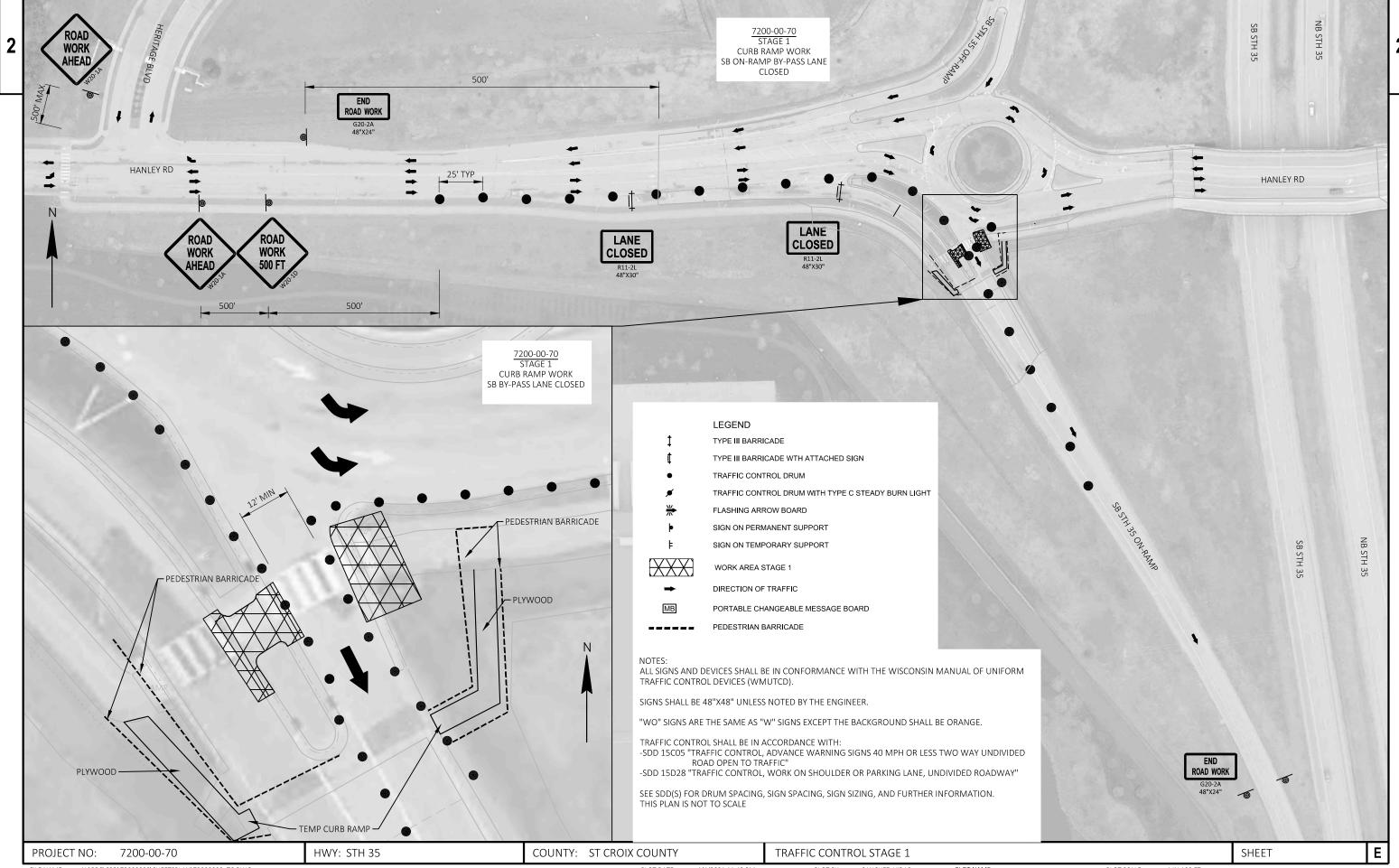
HWY: STH 35



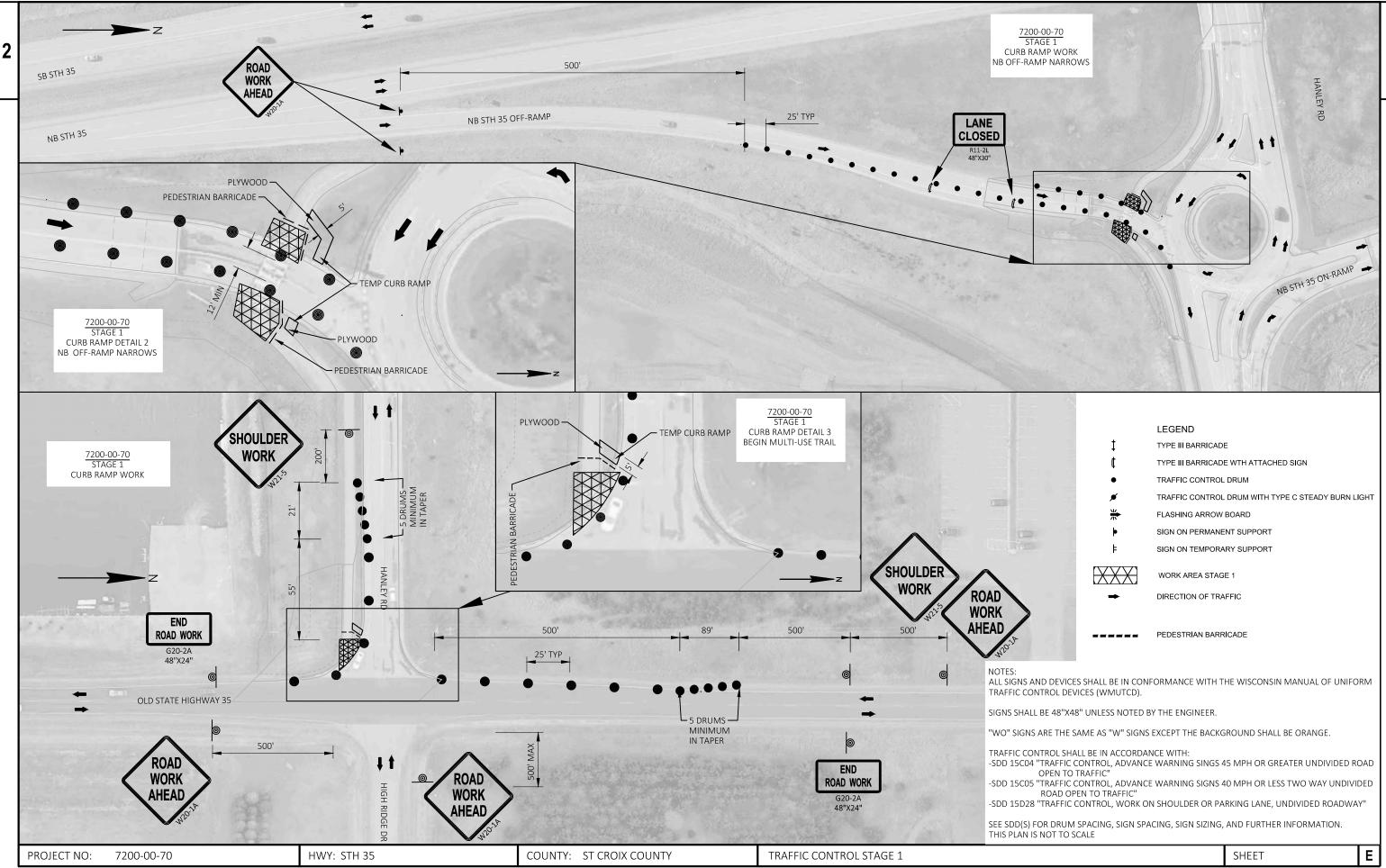


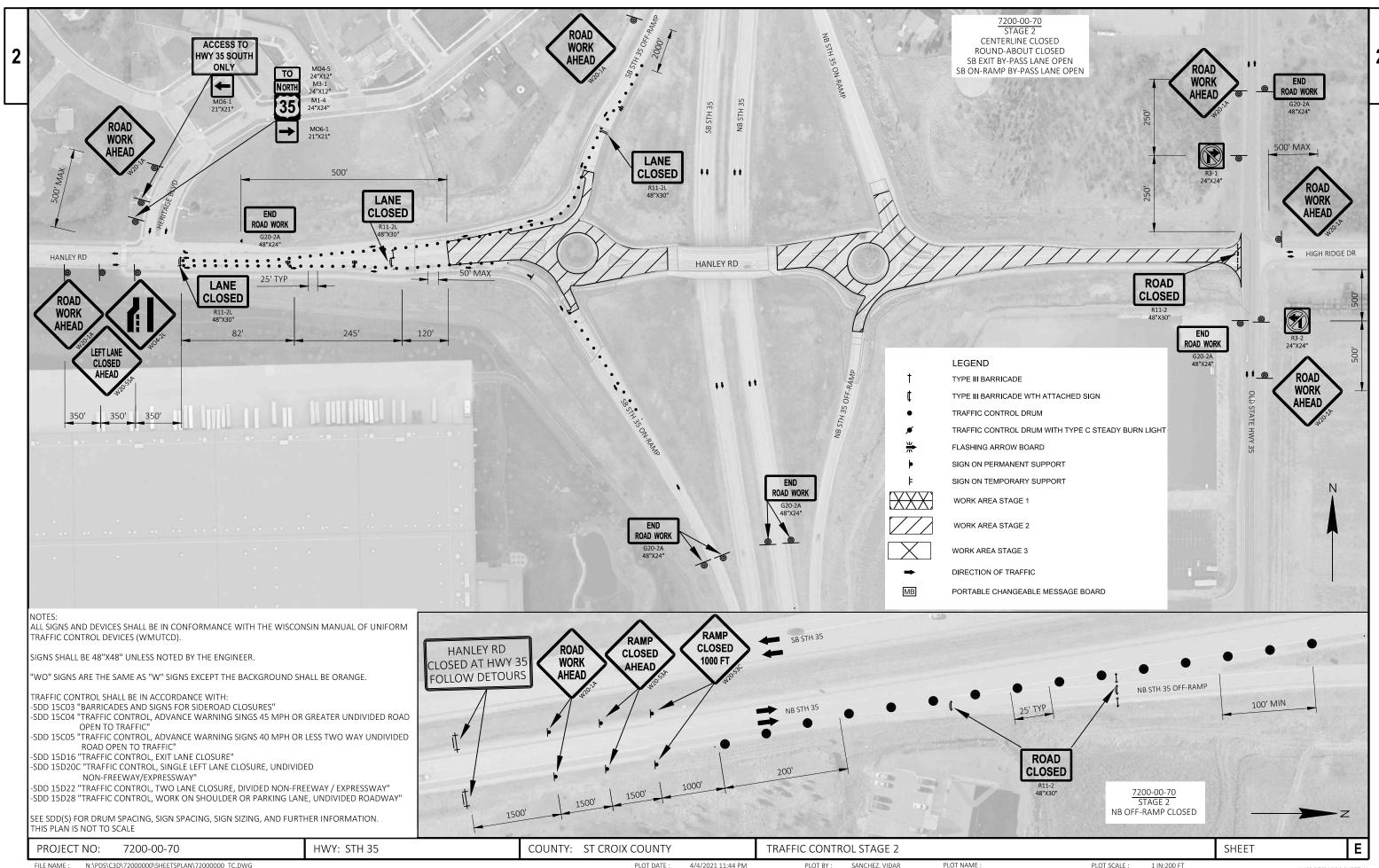
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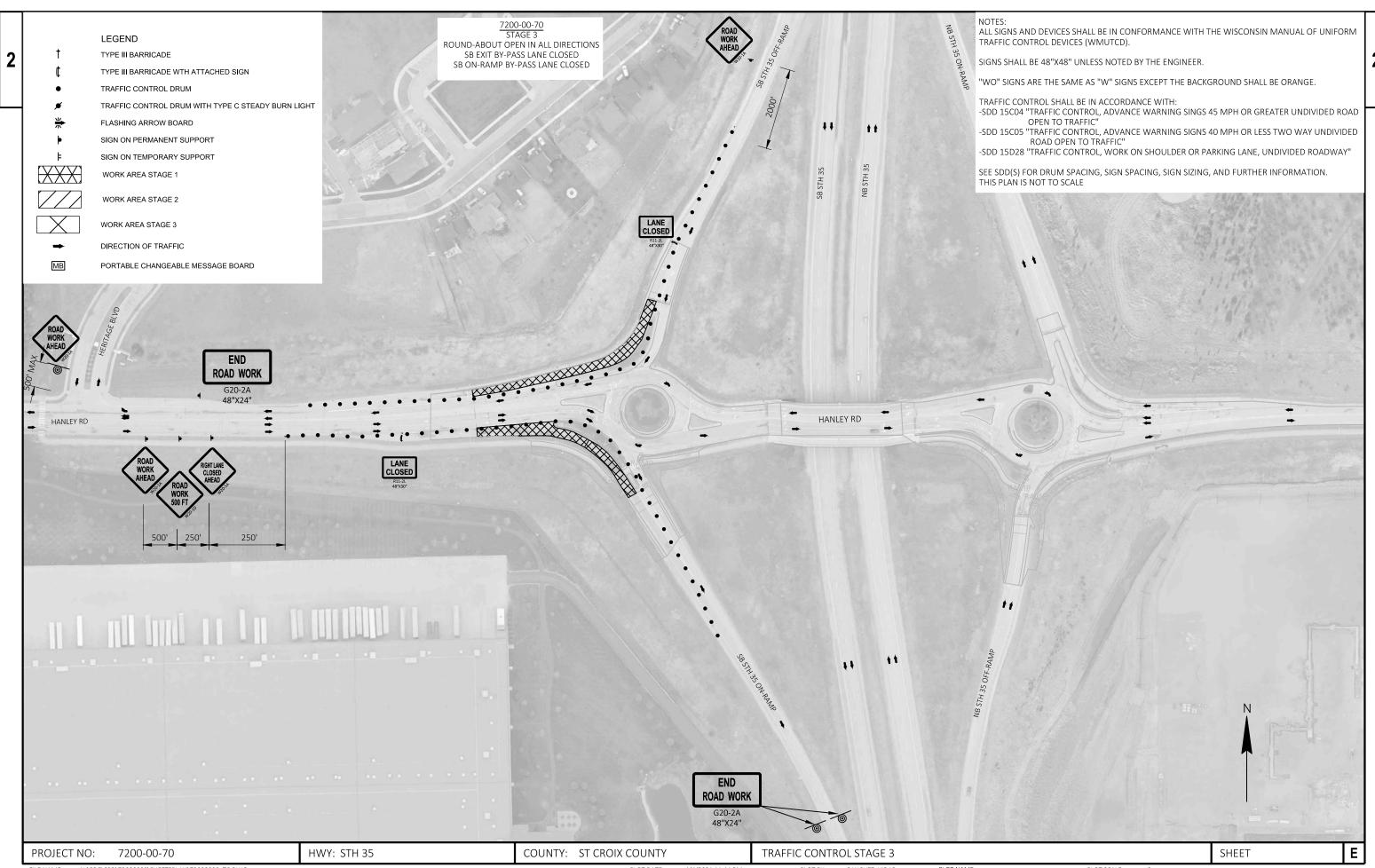
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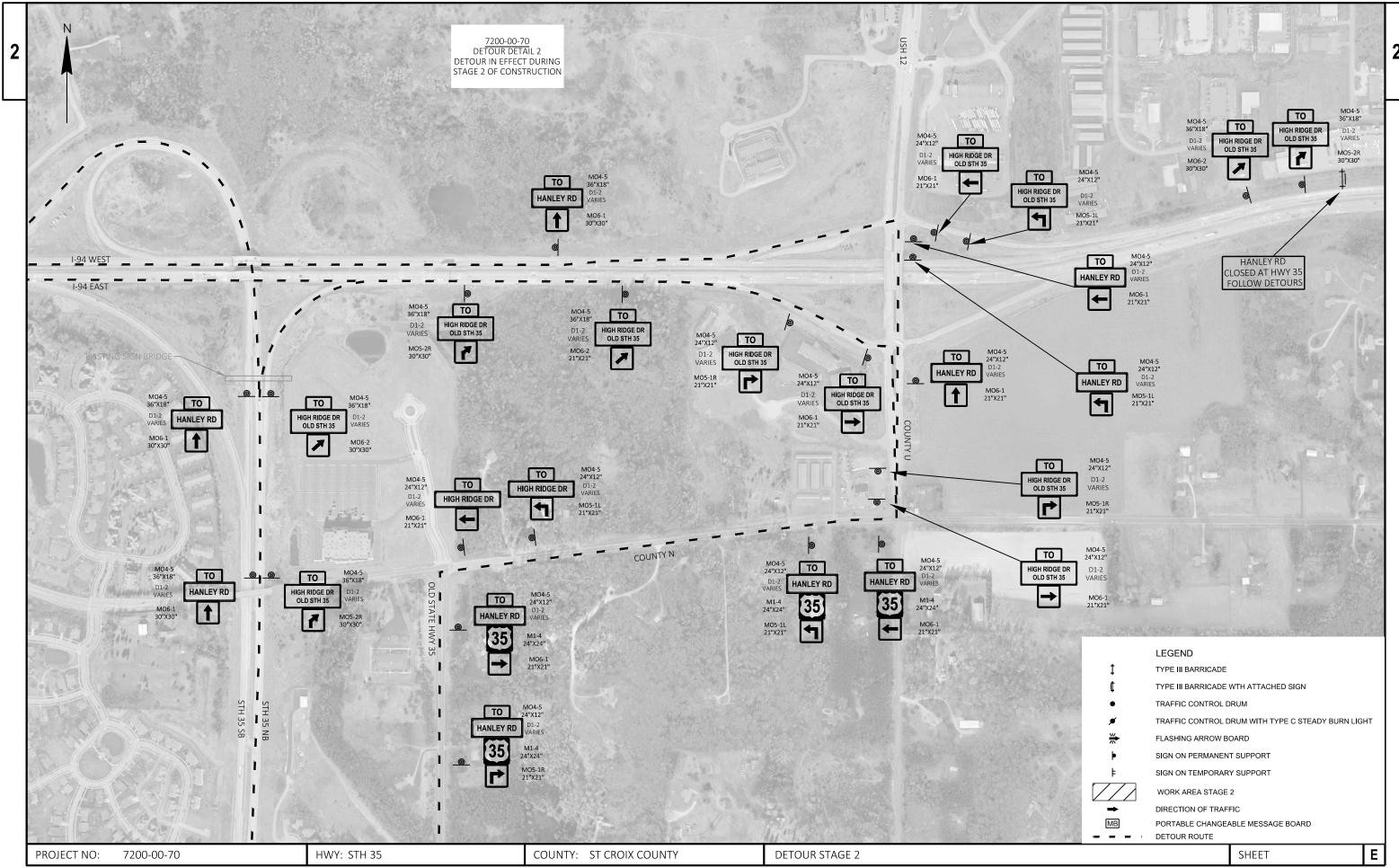
NAME: N:\PDS\C3D\72000000\SHEETSPLAN\72000000_TC.DWG PLOT DATE: 4/4/2021 11:44 PM PLOT BY: SANCHEZ, VIDAR PLOT NAME: 1 IN:200 FT WISDOT/CADDS SHEET 44

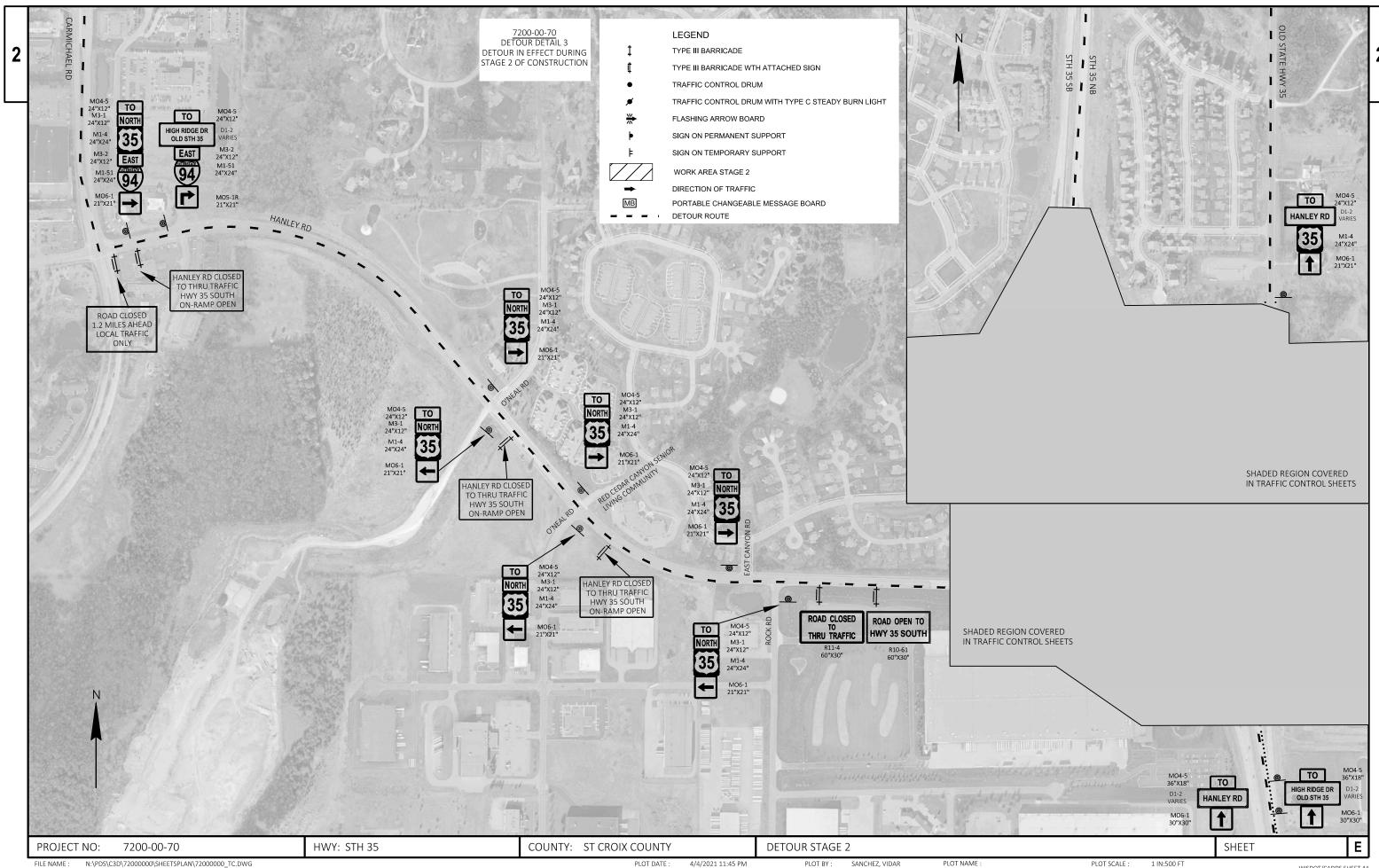
LAYOUT NAME - STAGE 2.01



NAME: N:\PDS\C3D\72000000\SHEETSPLAN\72000000_TC.DWG PLOT DATE: 4/4/2021 11:44 PM PLOT BY: SANCHEZ, VIDAR PLOT NAME: PLOT NAME: CTACE 2:01

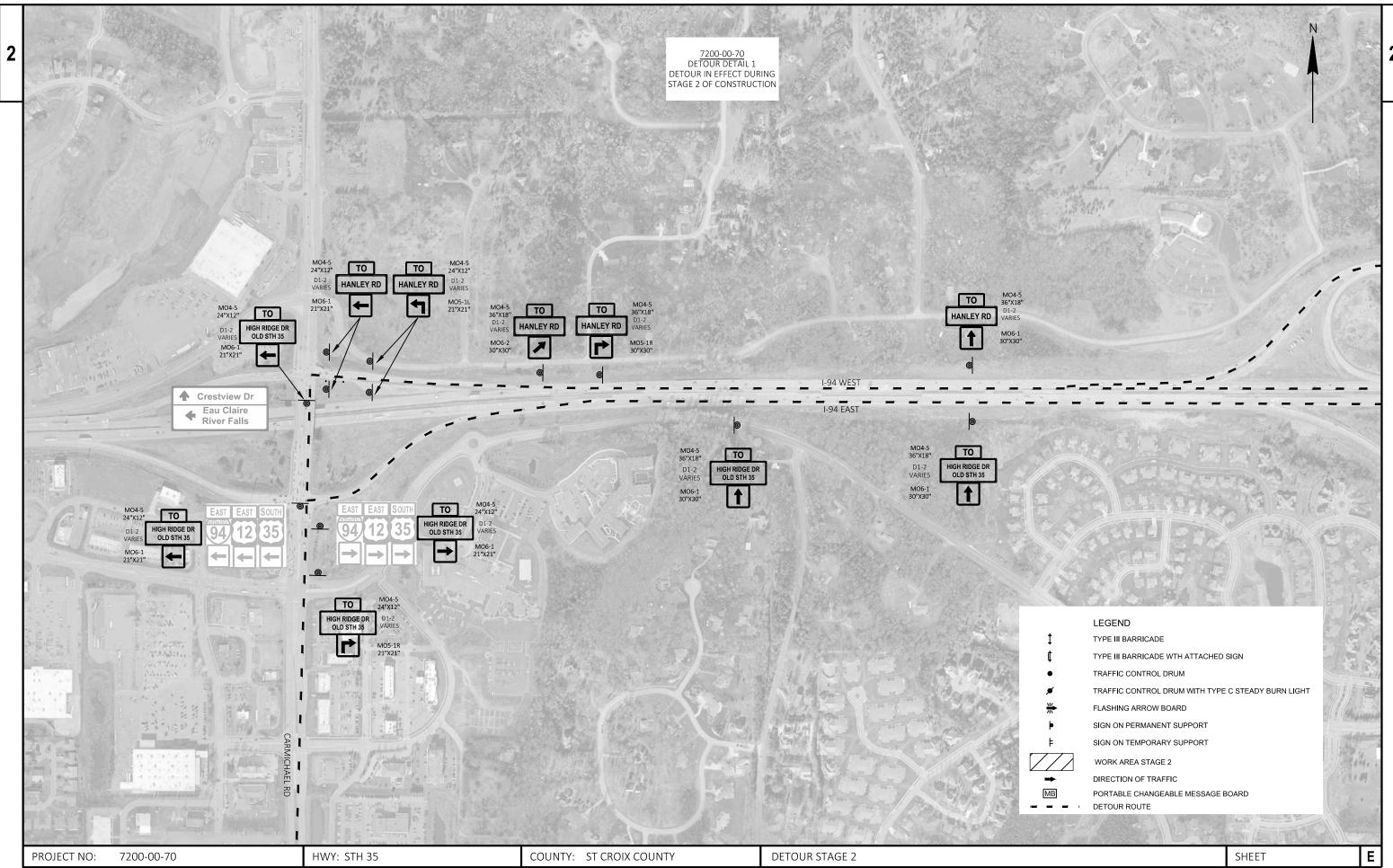
WISDOT/CADDS SHEET 44





LAYOUT NAME - DETOUR SOUTH

PLOT NAME



FILE NAME: N:\PDS\C3D\72000000\SHEETSPLAN\72000000_TC.DWG PLOT DATE: 4/4/2021 11:45 PM PLOT BY: SANCHEZ, VIDAR PLOT NAME: 1 IN:500 FT WISDOT/CADDS SHEET 44
LAYOUT NAME - DETOUR WEST

Page 1	l	
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					7200-00-70
Line	Item	Item Description	Unit	Total	Qty
0078	643.0900	Traffic Control Signs	DAY	2,284.000	2,284.000
0800	643.1051	Traffic Control Signs PCMS with Cellular Communications	DAY	15.000	15.000
0082	643.5000	Traffic Control	EACH	1.000	1.000
0084	644.1420	Temporary Pedestrian Surface Plywood	SF	494.000	494.000
0086	644.1601	Temporary Pedestrian Curb Ramp	DAY	24.000	24.000
8800	644.1810	Temporary Pedestrian Barricade	LF	389.000	389.000
0090	646.1020	Marking Line Epoxy 4-Inch	LF	6,734.000	6,734.000
0092	646.3020	Marking Line Epoxy 8-Inch	LF	3,145.000	3,145.000
0094	646.5020	Marking Arrow Epoxy	EACH	31.000	31.000
0096	646.5120	Marking Word Epoxy	EACH	1.000	1.000
0098	646.6120	Marking Stop Line Epoxy 18-Inch	LF	18.000	18.000
0100	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	232.000	232.000
0102	646.7120	Marking Diagonal Epoxy 12-Inch	LF	664.000	664.000
0104	646.7220	Marking Chevron Epoxy 24-Inch	LF	275.000	275.000
0106	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	109.000	109.000
0108	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	1,032.000	1,032.000
0110	646.9110	Marking Removal Line Water Blasting 8-Inch	LF	517.000	517.000
0112	646.9310	Marking Removal Special Marking Water Blasting	EACH	8.000	8.000
0114	650.8000	Construction Staking Resurfacing Reference	LF	1,716.000	1,716.000
0116	650.9000	Construction Staking Curb Ramps	EACH	4.000	4.000
0118	650.9910	Construction Staking Supplemental Control (project) 01. 7200-00-70	LS	1.000	1.000
0120	690.0150	Sawing Asphalt	LF	144.000	144.000
0122	690.0250	Sawing Concrete	LF	15.000	15.000
0124	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	300.000	300.000
0126	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	300.000	300.000
0128	SPV.0090	Special 01. Cure and Seal treatment, Concrete Curb and Gutter	LF	146.000	146.000
0130	SPV.0165	Special 01. Cure and Seal Treatment Concrete Sidewalk	SF	900.000	900.000

PAVEMENT SUMMARY

				204.0120 REMOVING	305.0110	305.0500	455.0605	460.6644	465.0105	465.0110	465.0315	624.0100	
				ASPHALTIC	BASE					ASPHALTIC			
				SURFACE	AGGREGATE	SHAPING		HMA PAVEMENT	ASPHALTIC	SURFACE	ASPHALTIC		
				MILLING	DENSE 3/4-INCH	SHOULDERS	TACK COAT	4 MT 58-34 V	SURFACE	PATCHING	FLUMES	WATER	
STATION	TO	STATION	LOCATION	SY	TON	STA	GAL	TON	TON	TON	SY	MGAL	REMARKS
193+28	-	199+02	HANLEY RD: BEGIN PROJECT - BRIDGE	5,690			797	1,275					
201+59	-	208+10	HANLEY RD: BRIDGE - END STATE CONSTRUCTION	5,320			745	1,192					
			PROJECT				==		83	42			MISC REPAIRS PATCHING WEDGING
196+10	-	196+26	SB STH 35 OFF-RAMP		4	101					10	0.01	SHOULDER/FLUME ON WEST SIDE OF OFF-RAMP
195+64		195+77	SB STH 35 ON-RAMP		13	26					10	0.01	SHOULDER/FLUME ON WEST SIDE OF ON-RAMP
204+30	-	204+50	NB STH 35 ON-RAMP		13	98					20	0.01	SHOULDER/FLUME ON BOTH SIDES OF ON-RAMP
													_
			TOTAL 0010	11,010	30	225	1,541	2,467	83	42	40	0.03	
208+10	-	213+01	HANLEY RD: BEGIN CITY CONSTRUCTION - END CITY CONSTRUCTION	2,150			301	482	17	8			MISC REPAIRS PATCHING WEDGING
			TOTAL 0020	2,150	0	0	301	482	17	8	0		_
			PROJECT TOTAL	13160	30	225	1842	2949	100	50	40	0.03	

PAVEMENT SUMMARY

				650.8000 CONSTRUCTION STAKING	650.9910.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL	211.0100.01 PREPARE FOUNDATION FOR ASPHALTIC PAVING	213.0100.01 FINISHING ROADWAY	
				RESURFACING REFERENCE	(PROJECT) (01. 7200-00-70)	(PROJECT) (01. 7200-00-70)	(PROJECT) (01. 7200-00-70)	
STATION TO)	STATION	LOCATION	LF	LS	LS	EACH	REMARKS
193+29 -		199+02	HANLEY RD: BEGIN PROJECT - BRIDGE	574				
201+59 -		208+10	HANLEY RD: BRIDGE - END STATE CONSTRUCTION	651				
			PROJECT		1	1	1	MISC REPAIRS PATCHING WEDGING
			TOTAL 0010	1,225	1	1	1	
208+10 -		213+01	HANLEY RD: BEGIN CITY CONSTRUCTION - END CITY CONSTRUCTION	491				MISC REPAIRS PATCHING WEDGING
			TOTAL 0020	491	0	0	0	
			PROJECT TOTAL	1716	1	1	1	

HWY: STH 35 COUNTY: ST CROIX COUNTY SHEET E PROJECT NO: 7200-00-70 MISCELLANEOUS QUANTITIES FILE NAME : N:\PD\$\C3D\72000000\\$HEET\$PLAN\030201-MQ.DWG LAYOUT NAME - 01 PLOT DATE: 4/14/2021 9:19 PM PLOT BY: SANCHEZ, VIDAR PLOT NAME : PLOT SCALE : 1" = 1' WISDOT/CADDS SHEET 42

PEDESTRIAN RAMP

		204.0110	204.0150	204.0155	305.0120	416.0610	601.0150	601.0411	601.0600	602.0405	602.0505	602.0605	624.0100	650.9000	690.0150	690.0250	SPV.0090.01	SPV.0165.01
																	SPECIAL (01.	SPECIAL (01.
					BASE		CONCRETE	CONCRETE			CURB RAMP	CURB RAMP					CURE AND SEAL	CURE AND
		REMOVING	REMOVING	REMOVING	AGGREGATE		CURB	CURB &	CONCRETE	CONCRETE	DETECTABLE	DETECTABLE		CONSTRUCTION			TREATMENT,	SEAL
		ASPHALTIC	CURB &	CONCRETE	DENSE 1 1/4-	DRILLED	INTEGRAL	GUTTER 30-	CURB	SIDEWALK	WARNING	WARNING FIELD		STAKING CURB	SAWING	SAWING	CONCRETE CURB	TREATMENT
		SURFACE	GUTTER	SIDEWALK	INCH	TIE BARS	TYPE D	INCH TYPE D	PEDESTRIAN	4-INCH	FIELD YELLOW	RADIAL YELLOW	WATER	RAMPS	ASPHALT	CONCRETE	AND GUTTER)	CONCRETE
STATION TO STATIC	DN LOCATION	SY	LF	SY	TON	EACH	LF	LF	LF	SF	SF	SF	MGAL	EACH	LF	LF	LF	SF
195+73 - 195+9	7 HANLEY RD EB TO 35 SB - MEDIAN	8	35	105	2	12	49		26	106	40		0.01	1	60	6	75	106
196+05 - 196+9	6 HANLEY RD EB TO 35 SB - RAMP	4	20	225	5	6		20		244	20		0.01	1	24	3	20	244
203+56 - 204+3	9 35 NB RAMP TO HANLEY RD	5	25	305	5	6		23		335	20		0.01	1	27	3	23	335
	_																	
	TOTAL 0010	17	80	635	12	24	49	43	26	685	80	0	0.03	3	111	12	118	685
212+57 - 212+8	7 HANLEY RD @ OLD STH 35	6	30	205	4	6		28		215		20		1	33	3	28	215
	-																	
	TOTAL 0020	6	30	205	4	6	0	28	0	215	0	20	0.00	1	33	3	28	215
	PROJECT TOTAL	23	110	840	16	30	49	71	26	900	80	20	0.03	4	144	15	146	900

EROSION CONTROL SUMMARY

					625.0500	627.0200	628.1905	628.1910	628.7015	629.0210	630.0120
							NAODULIZATIONS	MOBILIZATIONS	INII ET		
					CALVACED		MOBILIZATIONS	EMERGENCY	INLET	EEDTII IZED TVDE	CEEDING
					SALVAGED	NALII CLUNIC	EROSION	EROSION	PROTECTION	FERTILIZER TYPE	SEEDING
CT.1.T.C.1.	T-0	57471011	055057	LOCATION	TOPSOIL	MULCHING	CONTROL	CONTROL	TYPEC	В	MIXTURE NO. 20
STATION	ТО	STATION	OFFSET	LOCATION	SY	SY	EACH	EACH	EACH	CWT	LB
	-			PROJECT			1	1	30		
195+64		195+77	173 RT	SB STH 35 ON-RAMP FLUME	8	8				0.01	0.20
196+13	-	197+00	123 RT	SB STH 35 ON-RAMP CURB RAMP	18	18				0.02	0.48
196+10	-	196+26	133 LT	SB STH 35 OFF-RAMP FLUME	8	8				0.01	0.20
203+70	-	204+50	102 RT	NB STH 35 OFF-RAMP CURB RAMP	29	29				0.02	0.78
204+30	-	204+49	134 LT	NB STH 35 ON-RAMP WEST FLUME	8	8				0.01	0.20
205+02	-	205+11	137 LT	NB STH 35 ON-RAMP EAST FLUME	8	8				0.01	0.20
				TOTAL 0010	79	79	1	1	30	0.08	2.06
212+58	=	212+87	38 RT	HANLEY RD @ OLD STH 35	14	14				0.01	0.37
	-			PROJECT					4		
				TOTAL 0020	14	14	0	0	4	0.01	0.37
				PROJECT TOTAL PROJECT TOTAL	93	93	1	1	34	0.09	2.43

HWY: STH 35 COUNTY: ST CROIX COUNTY SHEET E PROJECT NO: 7200-00-70 MISCELLANEOUS QUANTITIES FILE NAME : N:\PD\$\C3D\72000000\\$HEET\$PLAN\030201-MQ.DWG LAYOUT NAME - 02 PLOT BY: SANCHEZ, VIDAR

PLOT DATE: 4/14/2021 9:19 PM

PLOT NAME :

PLOT SCALE : 1" = 1'

TRAFFIC CONTROL SUMMARY

				643.0300	643.0420	643.0705	643.0715	643.0800	643.0900	643.1051 TRAFFIC	643.5000
										CONTROL SIGNS	
					TRAFFIC	TRAFFIC	TRAFFIC			PCMS WITH	
				TRAFFIC	CONTROL	CONTROL	CONTROL	TRAFFIC		CELLULAR	
				CONTROL	BARRICADES	WARNING	WARNING	CONTROL	TRAFFIC	COMMUNICATIO	TRAFFIC
				DRUMS	TYPEIII	LIGHTS TYPE A	LIGHTS TYPE C	ARROW BOARDS	CONTROL SIGNS	NS	CONTROL
DAYSIN	DAYSIN	DAYSIN									
STAGE 1	STAGE 2	STAGE 3	LOCATION	DAY	DAY	DAY	DAY	DAY	DAY	DAY	EACH
6	11	6	HANLEY RD TO 35 SB	989	51	158		22	149	5	1
6	11	6	35 SB TO HANLEY RD	1,074	17	68		11	123	5	
6	11	6	35 NB TO HANLEY RD	515	78	156			144	5	
	11		DETOUR		77	154			1,738		
			TOTAL 0010	2,578	223	536	0	33	2,154	15	1
6	11	6	HANLEY RD @ OLD STH 35	174	44	55	60		130		
			TOTAL 0020	174	44	55	60	0	130	0	0
			PROJECT TOTAL	2752	267	591	60	33	2284	15	1

MOBILIZATION

TEMPORARY PED. ACCOMMODATION

LOCATION	618.0100.01 MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) (01. 7200-00-70) EACH	619.1000 MOBILIZATION EACH	642.5001 FIELD OFFICE TYPE B EACH	TEMP CURB RAMPS	DAYS	LOCATION	644.1420 TEMPORARY PEDESTRIAN SURFACE PLYWOOD SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	6 TEI PE B <i>A</i>
	1.00	0.87	1.00	2 1	6 6	HANLEY RD EB TO 35 SB 35 NB RAMP TO HANLEY RD	411 30	12 6	
TOTAL 0010	1	1	1			TOTAL 0010	441	18	
		0.13		1	6	HANLEY RD @ OLD STH 35	53	6	
TOTAL 0020	0	0	0			TOTAL 0020	53	6	
PROJECT TOTAL	1	1	1			PROJECT TOTAL	494	24	

HWY: STH 35 E COUNTY: ST CROIX COUNTY SHEET PROJECT NO: 7200-00-70 MISCELLANEOUS QUANTITIES FILE NAME : N:\PDS\C3D\72000000\SHEETSPLAN\030201-MQ.DWG LAYOUT NAME - 03 PLOT DATE: 4/14/2021 9:19 PM PLOT BY: SANCHEZ, VIDAR PLOT NAME :

PLOT SCALE : 1" = 1'

PAVEMENT MARKINGS

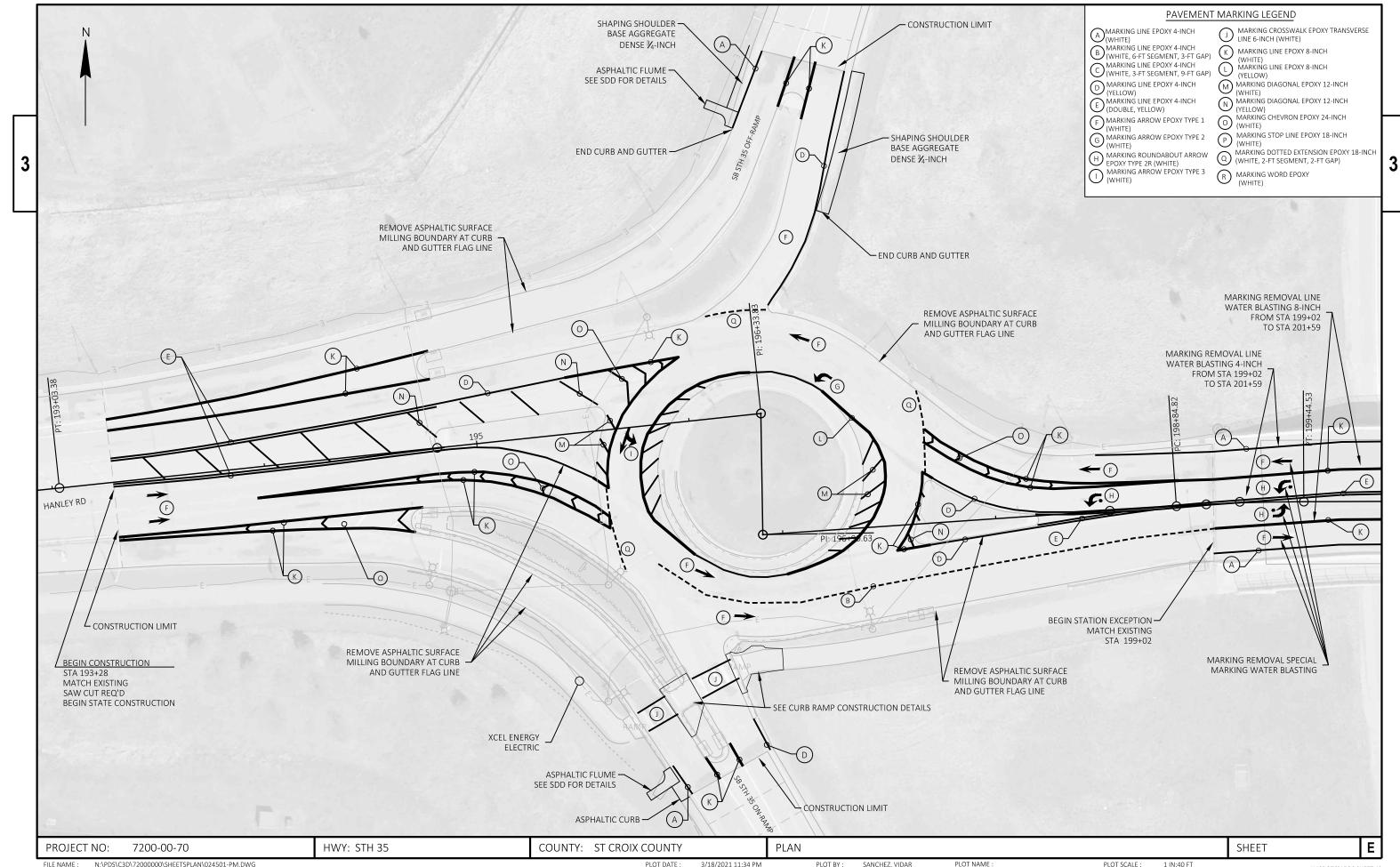
646.1020 646.5020 646.5120 646.6120 646.7220 646.3020 646.6320 646.7120

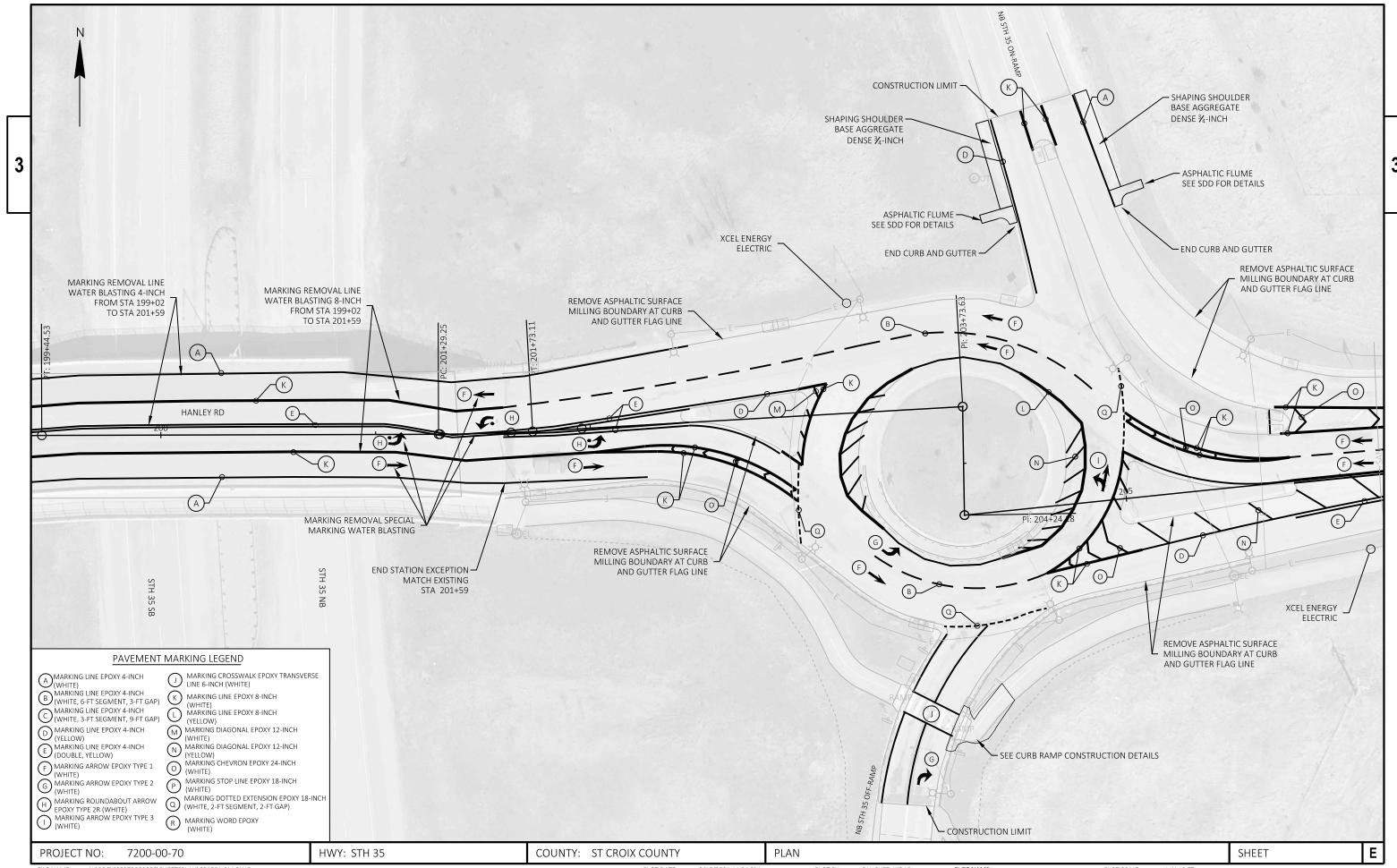
STATION	TO	STATION	LOCATION	MARKING LINE EPOXY 4-INCH LF	MARKING LINE EPOXY 8-INCH LF	MARKING ARROW EPOXY EACH	MARKING WORD EPOXY EACH	MARKING STOP LINE EPOXY 18- INCH LF	MARKING DOTTED EXTENSION EPOXY 18-INCH LF	MARKING DIAGONAL EPOXY 12-INCH LF	MARKING CHEVRON EPOXY 24-INCH LF
193+51	_	199+02	WEST ROUND-ABOUT	1,948	1,590	9			107	372	112
201+60	_	208+10	EAST ROUND-ABOUT	2,073	1,038	14	1		125	292	163
199+02	_	201+60	BRIDGE	1,032	517	8	Δ.		123	232	103
	- - -										
			TOTAL 0010	5,053	3,145	31	1	0	232	664	275
208+10	-	213+01	EAST ROUND-ABOUT TO OLD STH 35	1,681				18			
			TOTAL 0020	1,681	0	0	0	18	0	0	0
			PROJECT TOTAL	6734	3145	31	1	18	232	664	275

PAVEMENT MARKINGS

				646.7420	646.9010	646.9110	646.9310
STATION	TO	STATION	LOCATION	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	MARKING REMOVAL LINE WATER BLASTING 4- INCH LF	MARKING REMOVAL LINE WATER BLASTING 8- INCH LF	MARKING REMOVAL SPECIAL MARKING WATER BLASTING EACH
317(11014	,0	317111011	ESSIMON	LI	L1	Li	E (C) I
193+51	-	199+02	WEST ROUND-ABOUT	71			
201+60	-	208+10	EAST ROUND-ABOUT	38			
199+02	-	201+60	BRIDGE		1,032	517	8
	-						
	-						
	-		,				
			TOTAL 0010	109	1,032	517	8
208+10	-	213+01	EAST ROUND-ABOUT TO OLD STH 35				
			TOTAL 0020	0	0	0	0
			PROJECT TOTAL	109	1032	517	8

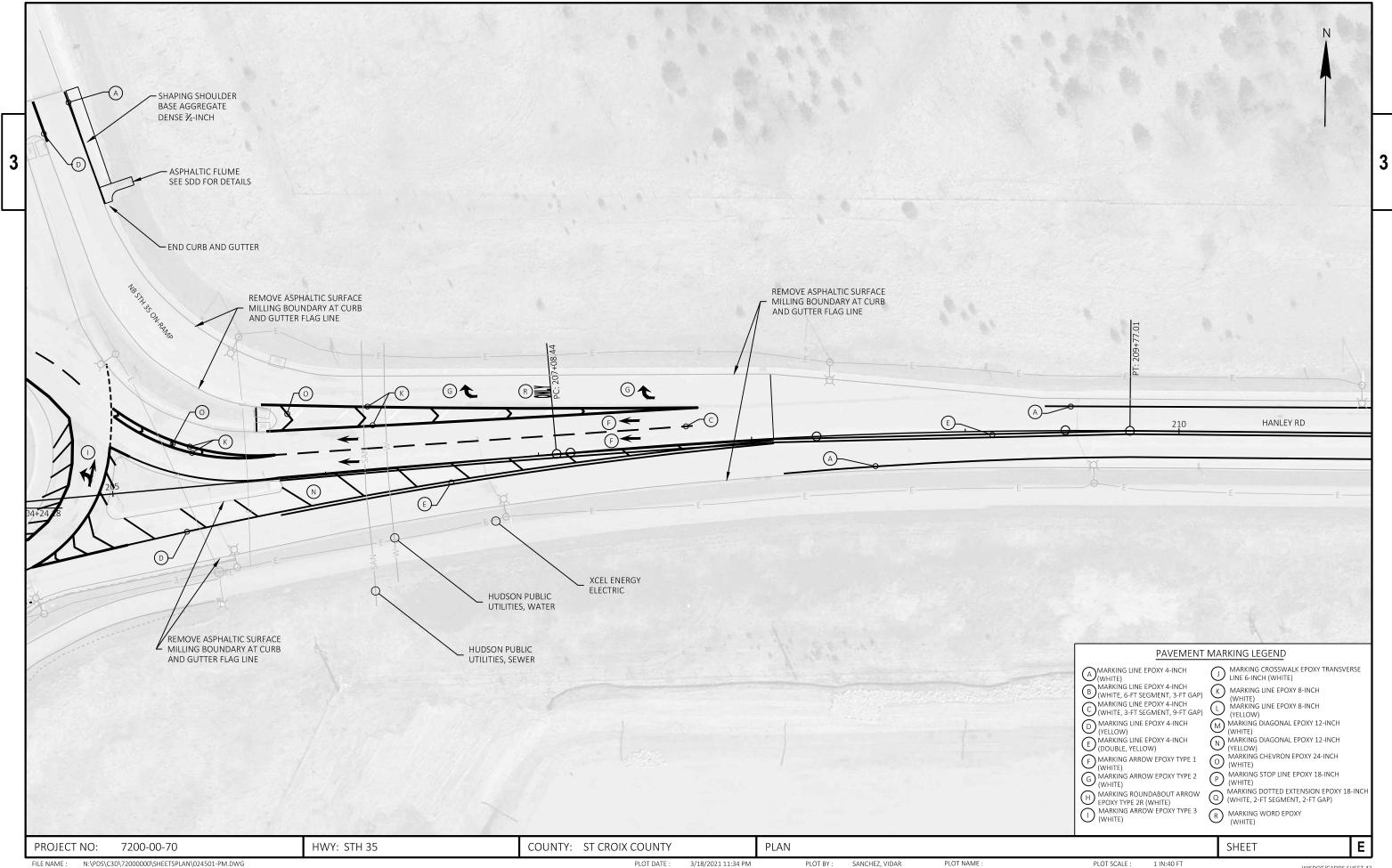
E HWY: STH 35 COUNTY: ST CROIX COUNTY SHEET PROJECT NO: 7200-00-70 MISCELLANEOUS QUANTITIES FILE NAME : N:\PDS\C3D\72000000\SHEETSPLAN\030201-MQ.DWG LAYOUT NAME - 04 PLOT SCALE : 1" = 1' PLOT DATE: 4/14/2021 9:19 PM PLOT BY: SANCHEZ, VIDAR PLOT NAME : WISDOT/CADDS SHEET 42



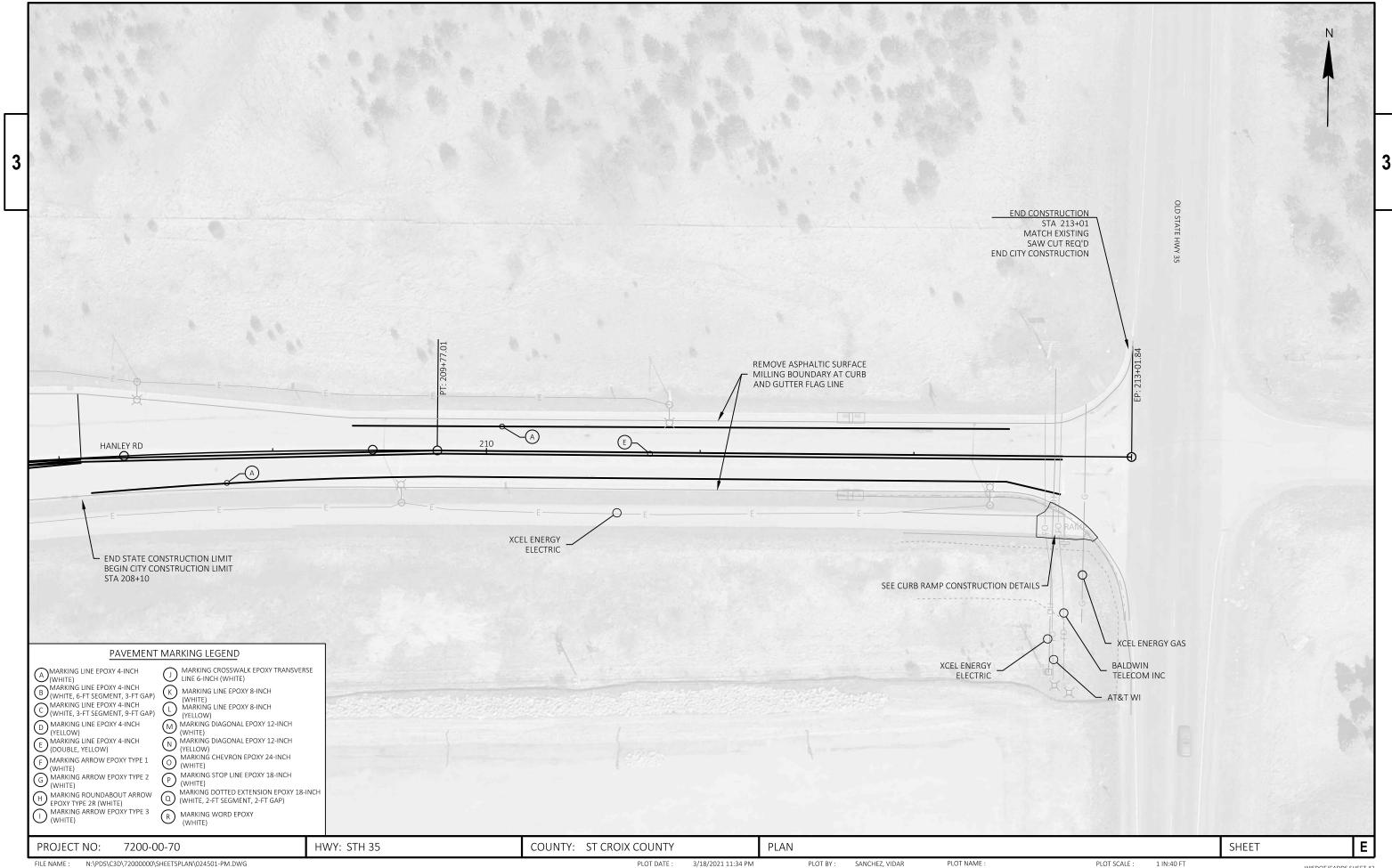


FILE NAME: N:\PDS\C3D\72000000\SHEETSPLAN\024501-PM.DWG PLOT BY: SANCHEZ, VIDAR PLOT NAME: PLOT NAME: 1 IN:40 FT WISDOT/CADDS SHEET 42

LAYOUT NAME - 2



3/18/2021 11:34 PM PLOT BY:



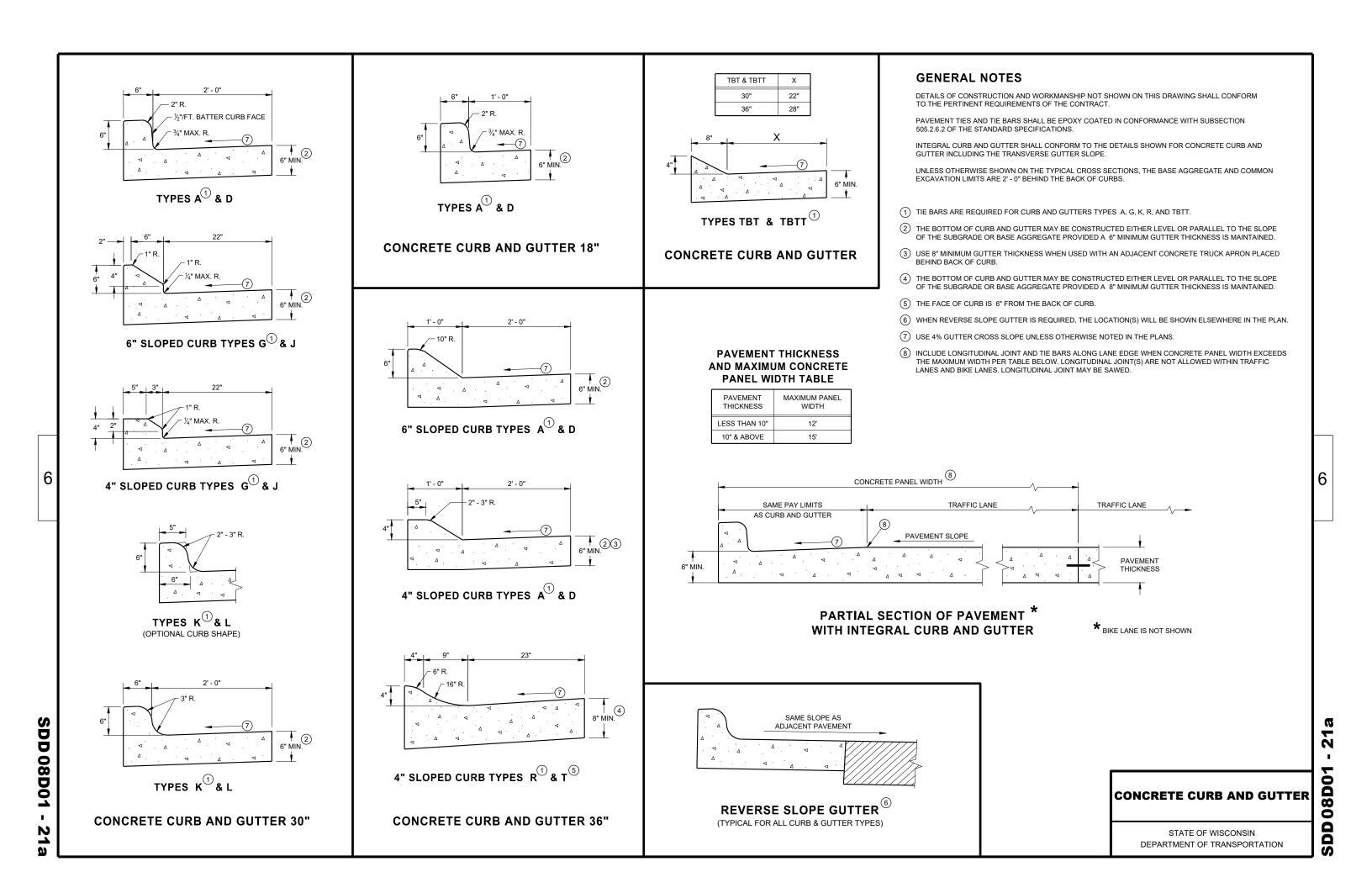
LAYOUT NAME - 4

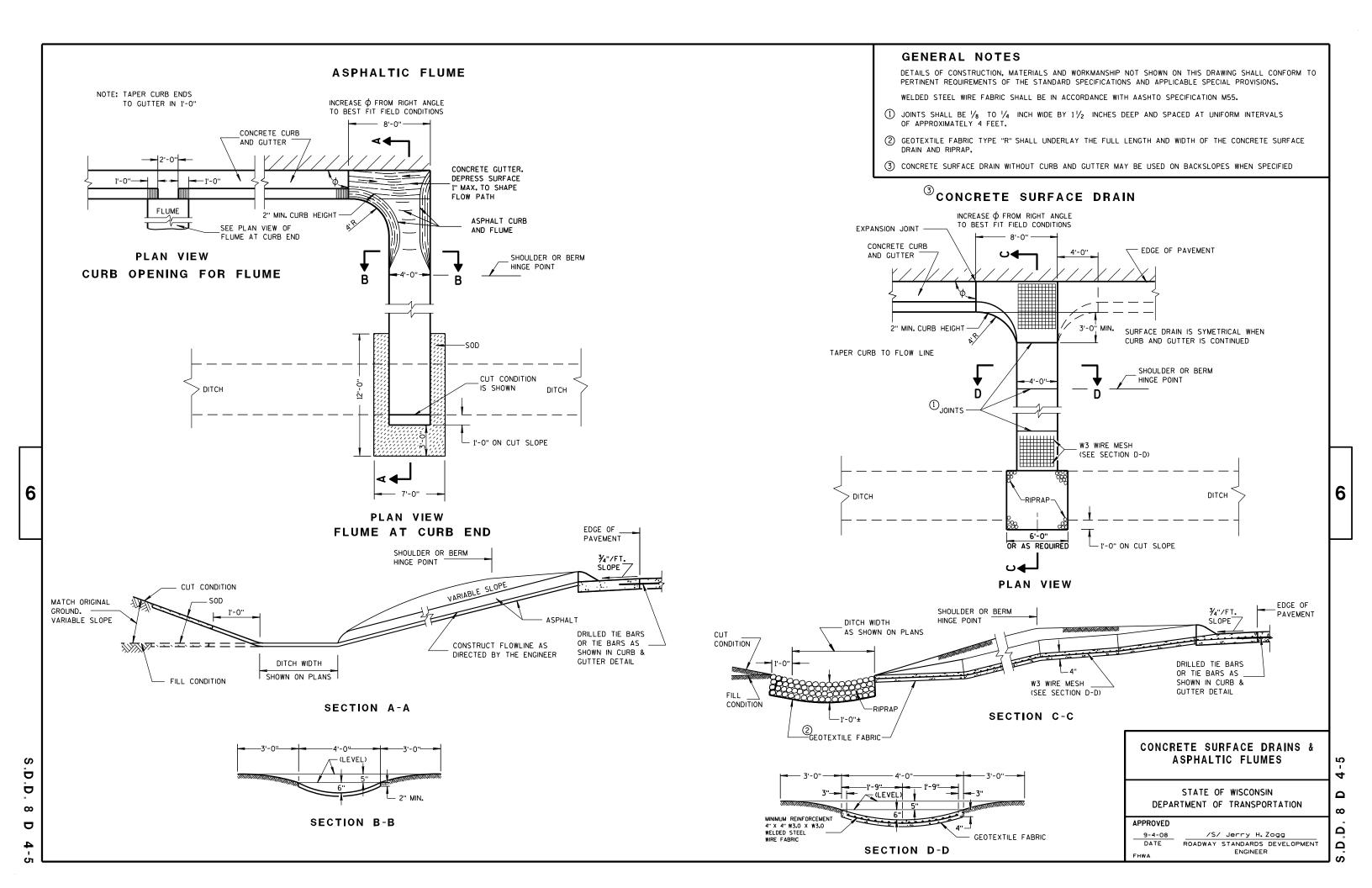
1 IN:40 FT

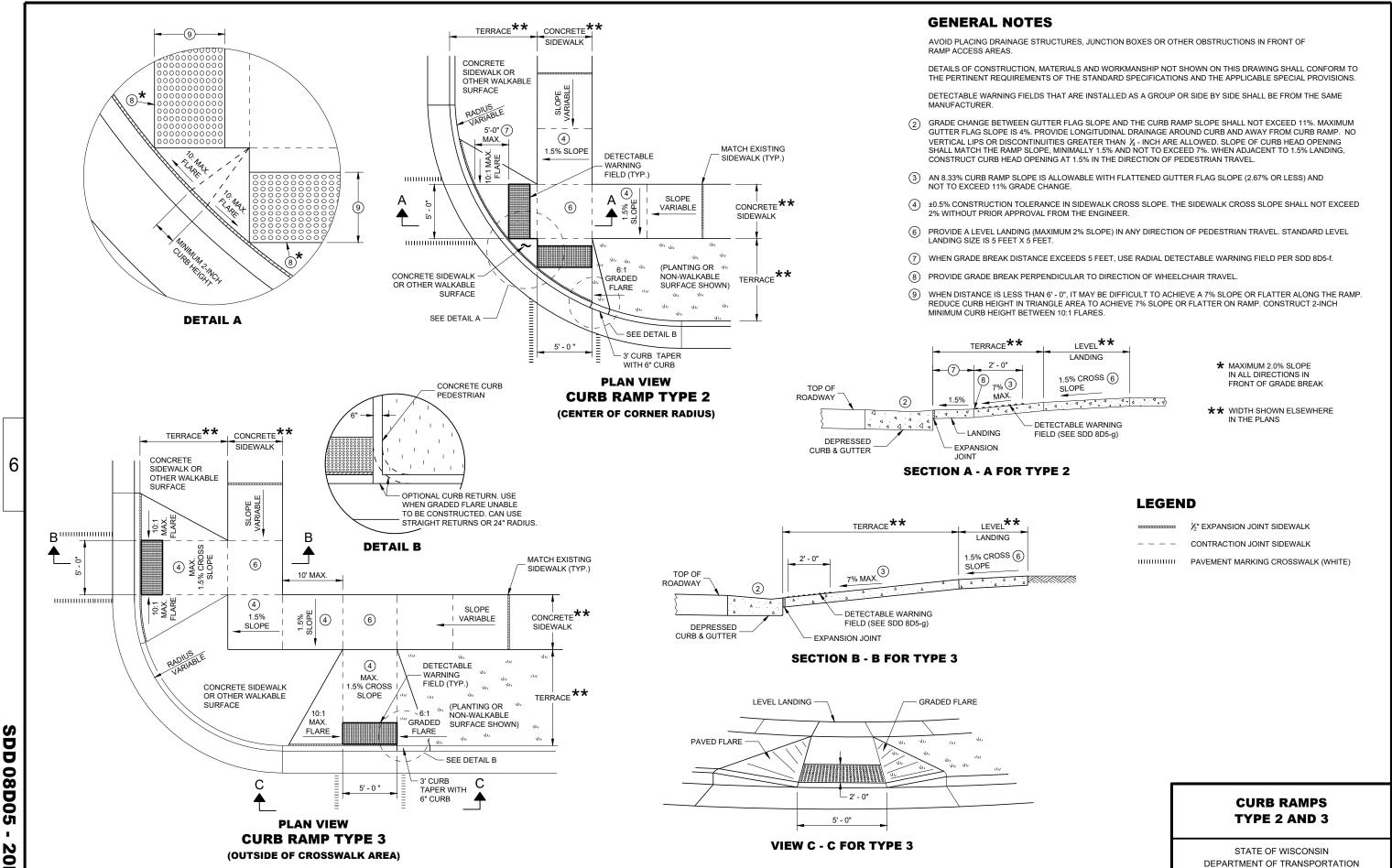
Standard Detail Drawing List

08D01-21A 08D04-05 08D05-20B 08D05-20E 08D05-20G 15C03-05 15C04-05 15C05-05 15C07-15B 15C07-15C 15C07-15D 15C31-03B 15D16-04 15D20-05C	CONCRETE CURB & GUTTER CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES CURB RAMPS TYPES 2 AND 3 CURB RAMPS TYPES 5, 6, 7A, 7B & 8 CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES BARRICADES AND SIGNS FOR SIDEROAD CLOSURES TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS PAVEMENT MARKING WORDS PAVEMENT MARKING ARROWS ROUNDABOUT ARROWS PAVEMENT MARKING MAJOR SPLIT FREEWAY TO FREEWAY TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY
15D22-04	TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS

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- 20b

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DEPARTMENT OF TRANSPORTATION

SDD 08D05

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IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

LANDING RADIAL DETECTABLE WARNING **DEPRESSED CURB & GUTTER** FIELD (SEE SDD 8D5-a)

> *** MAXIMUM 8.33% **SECTION B - B FOR TYPE 4B1**

RADIAL DETECTABLE WARNING **FIELD APPLICATIONS**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

6

RAMP

TRUNCATED DOMES DETECTABLE WARNING PATTERN DETAIL

MIN.

1.6"

0.65"

*

0.9"

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

В

С

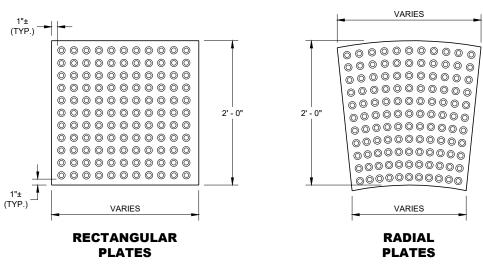
MAX.

2.4"

1.5"

*

1.4"



PLAN VIEW DETECTABLE WARNING FIELDS (TYPICAL)

GENERAL NOTES

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

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.

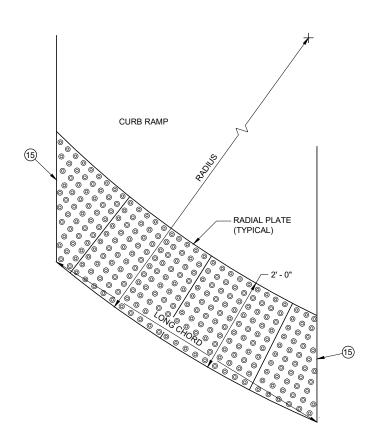
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS, PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

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

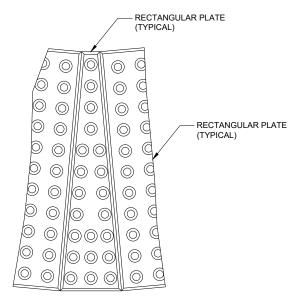
REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

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.



PLAN VIEW RADIAL DETECTABLE **WARNING FIELD ATTRIBUTES**



PLAN VIEW RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

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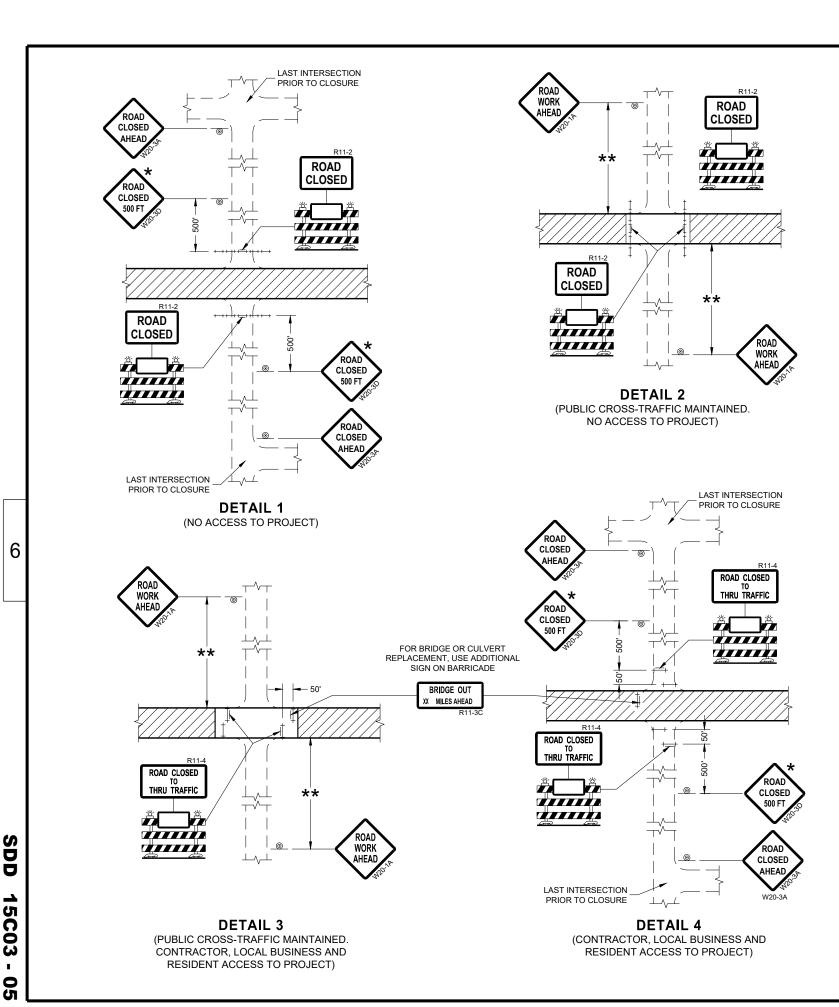
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

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



GENERAL NOTES

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

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

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

 $\begin{tabular}{l} FA "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED. \\ \end{tabular}$

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

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN

 ${\tt TOWARD\ THE\ TRAFFIC\ SIDE\ OR\ AS\ SHOWN\ IN\ THE\ ROAD\ CLOSURE\ BARRICADE\ DETAIL\ "D"\ FOR\ FULL\ ROAD\ CLOSURES.}$

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

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

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

- ★ OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.
- ** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

LEGEND

SIGN ON PERMANENT SUPPORT

TYPE III BARRICADE

TYPE III BARRICADE WITH ATTACHED SIGN

TYPE "A" WARNING LIGHT (FLASHING)

WORK AREA

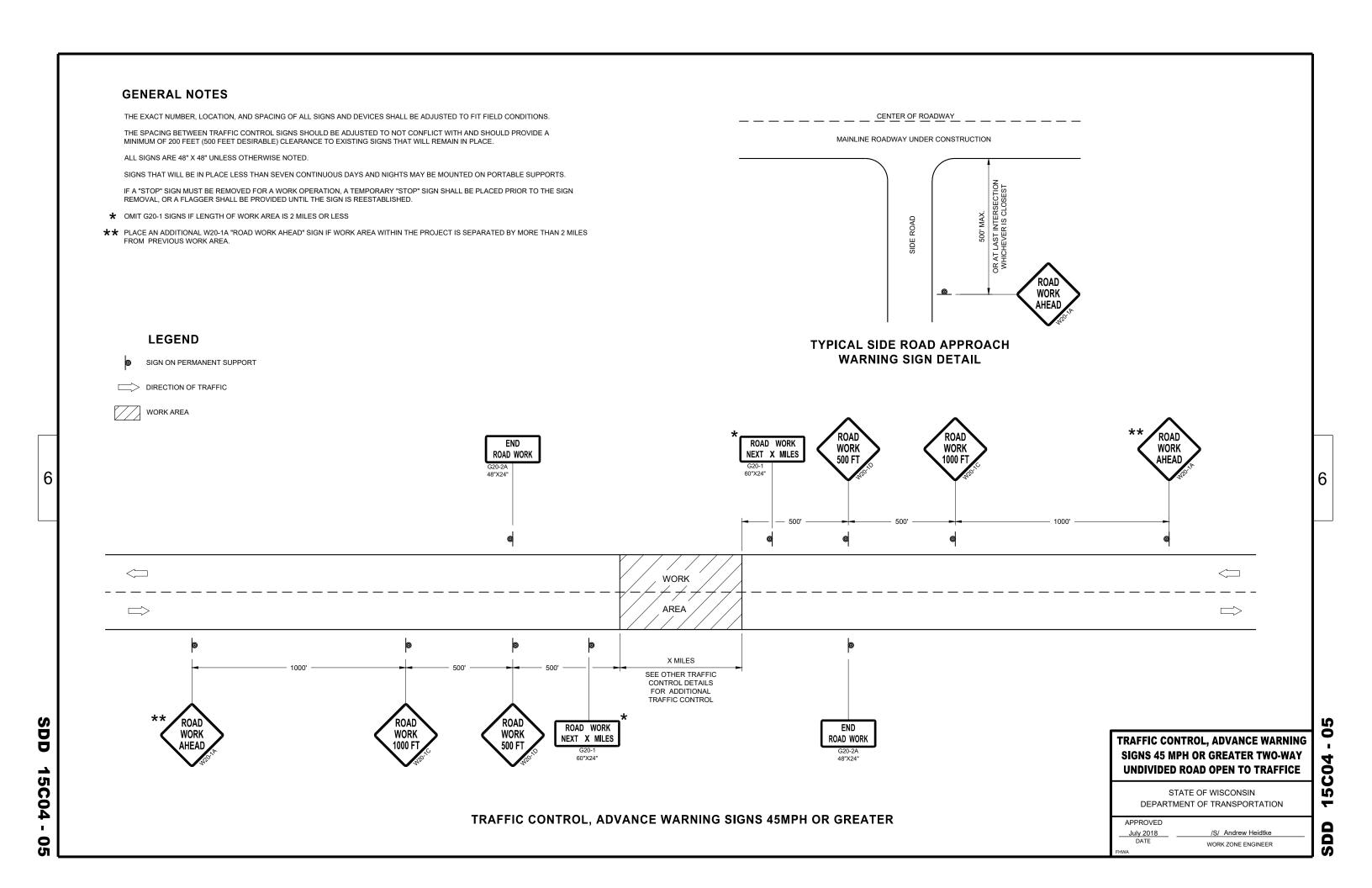
BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

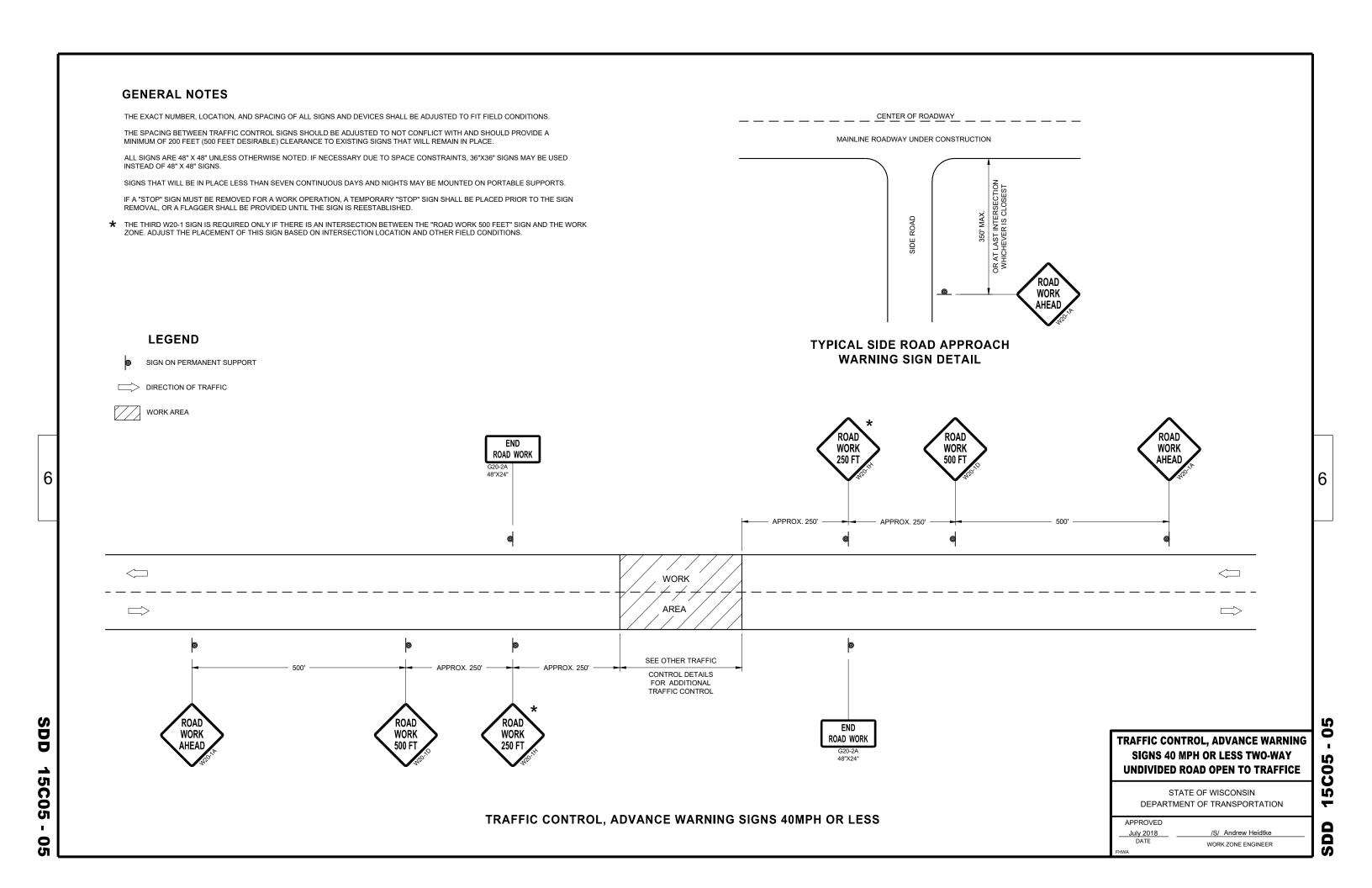
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

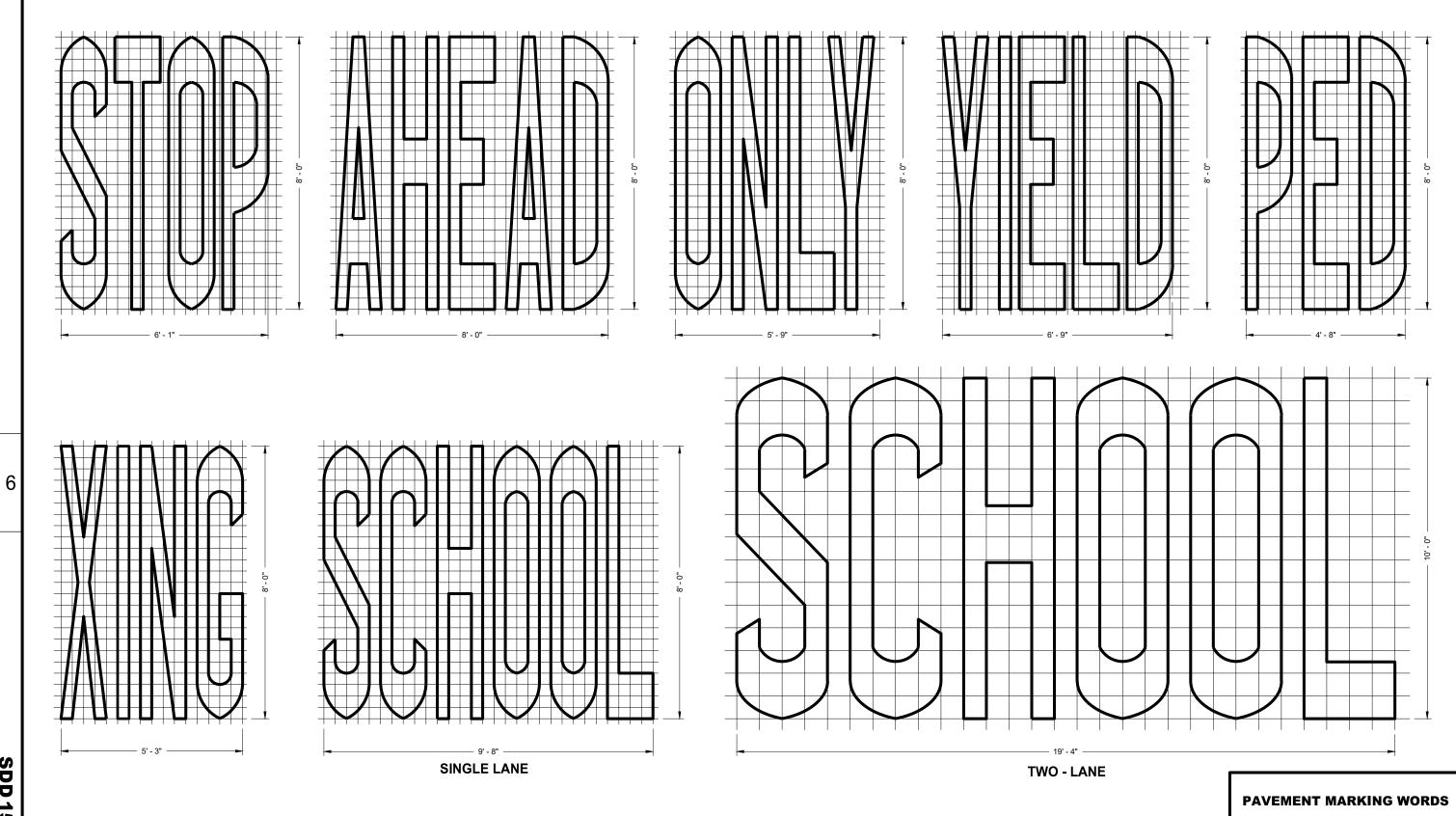
 APPROVED
 /S/ Andrew Heidtke

 July 2018
 /S/ Andrew Heidtke

 DATE
 WORK ZONE ENGINEER







SDD 15C07 - 15b

GENERAL NOTES

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

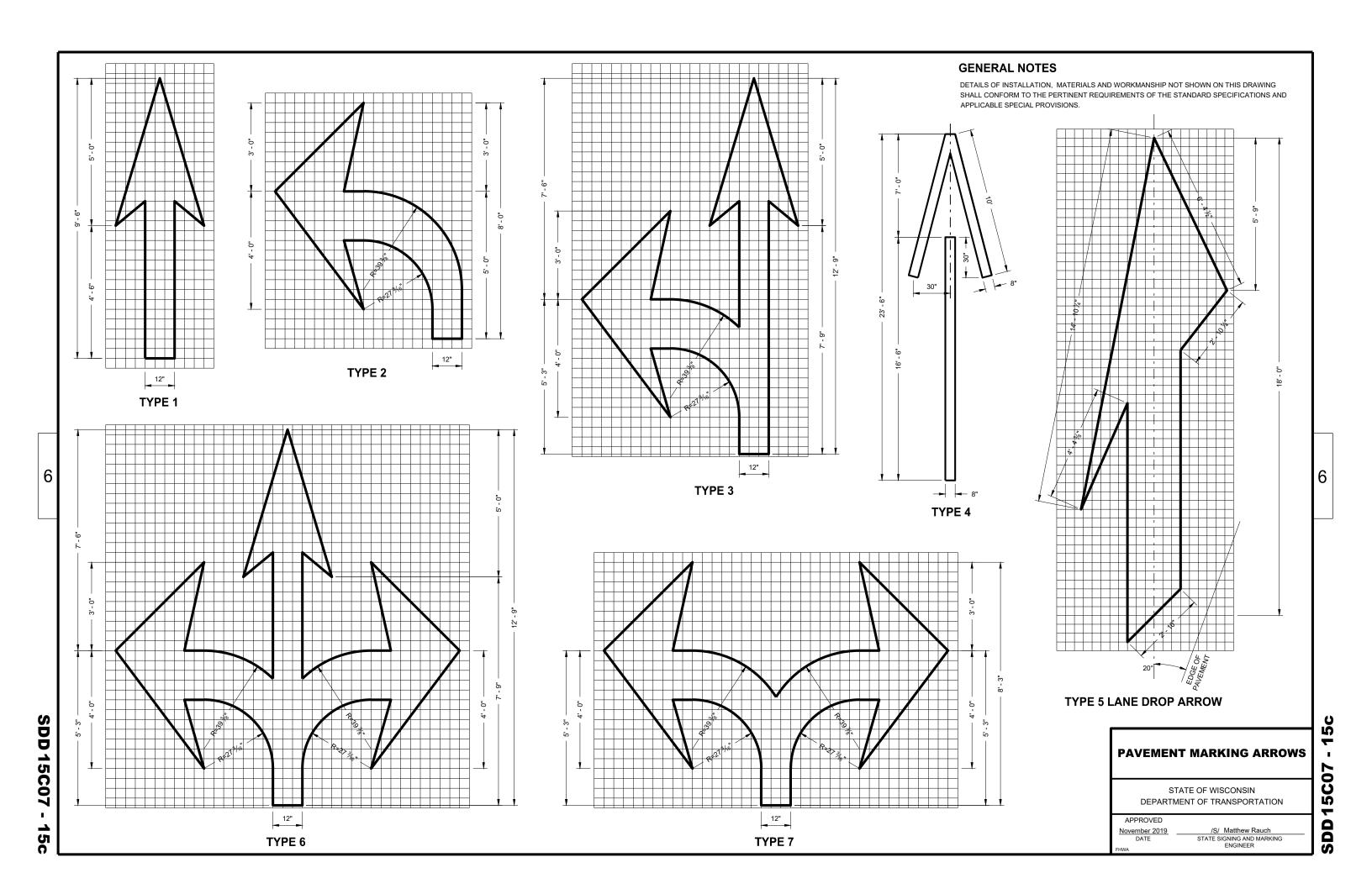
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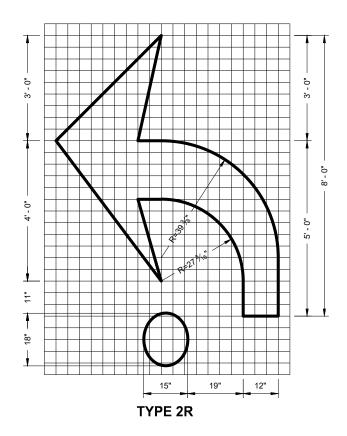
5b

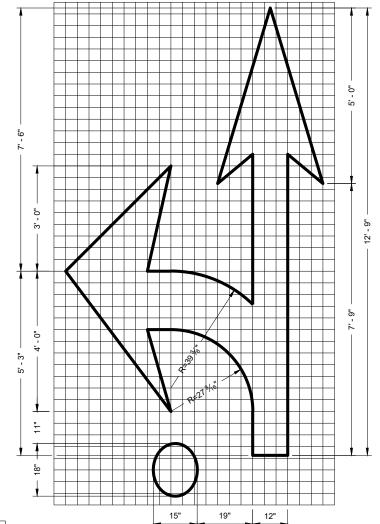
SDD15C07

APPROVED

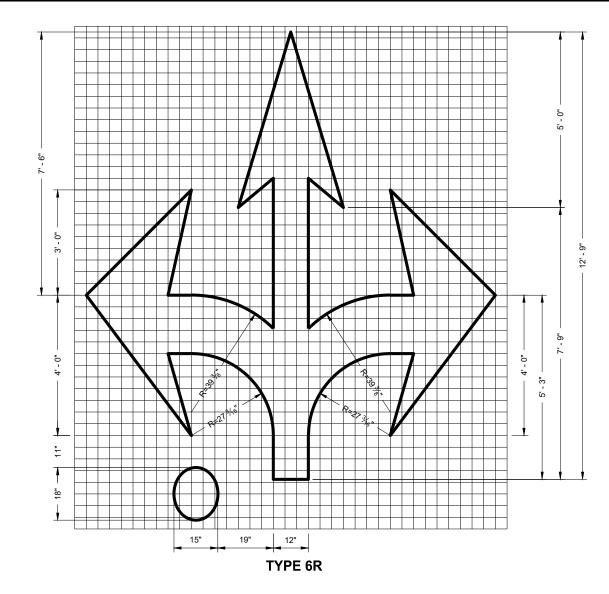
November 2019 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING
ENGINEER

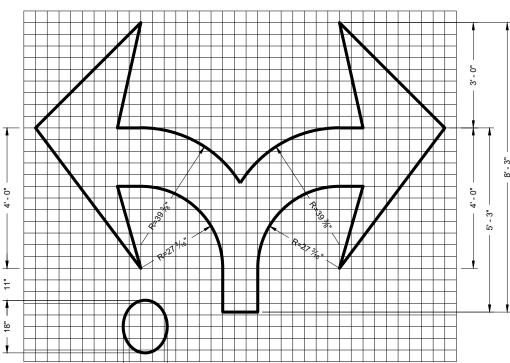






TYPE 3R





19" 12"

TYPE 7R



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

November 2019 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING
ENGINEER

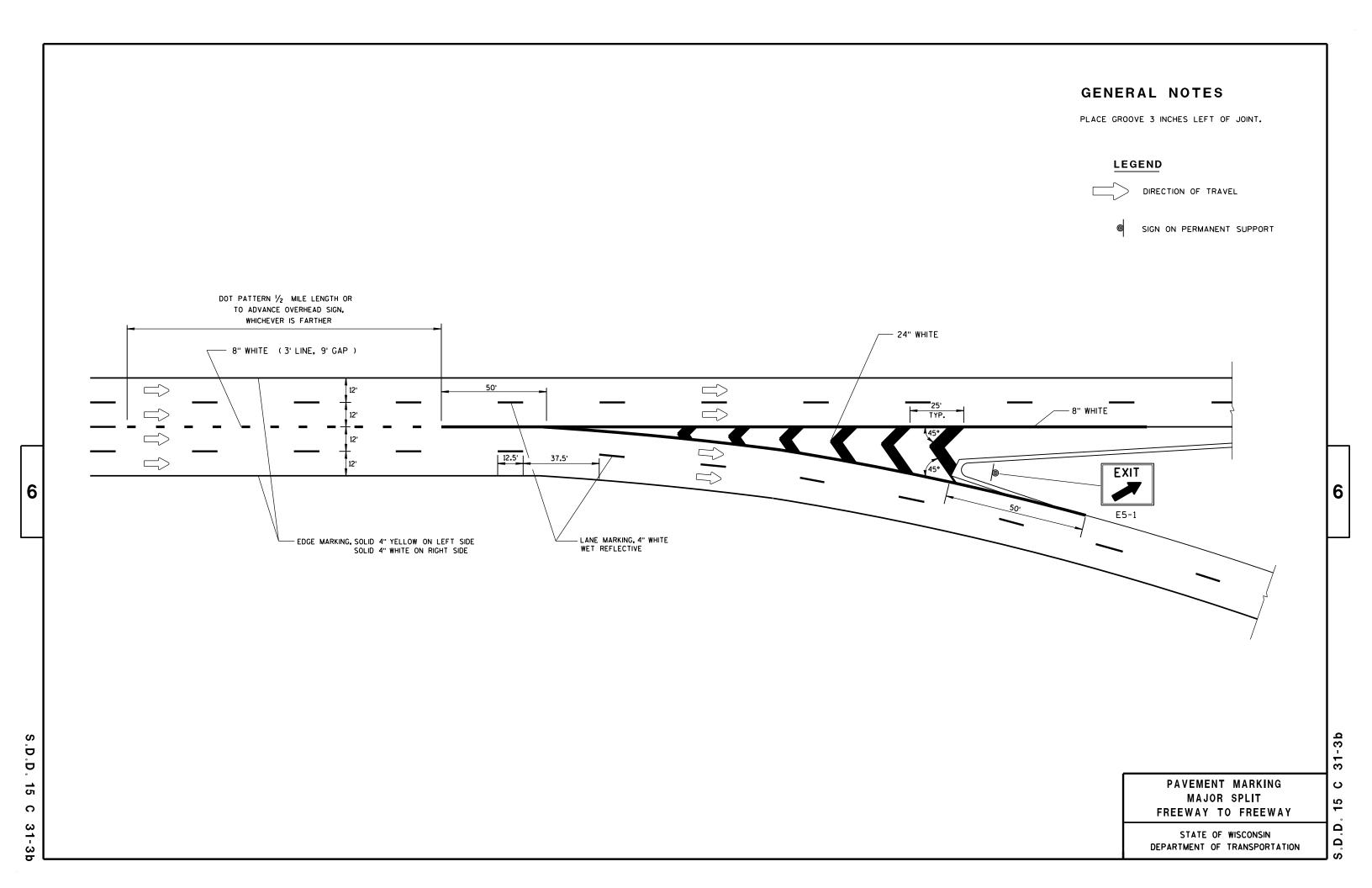
SDD 15C07 - 15d

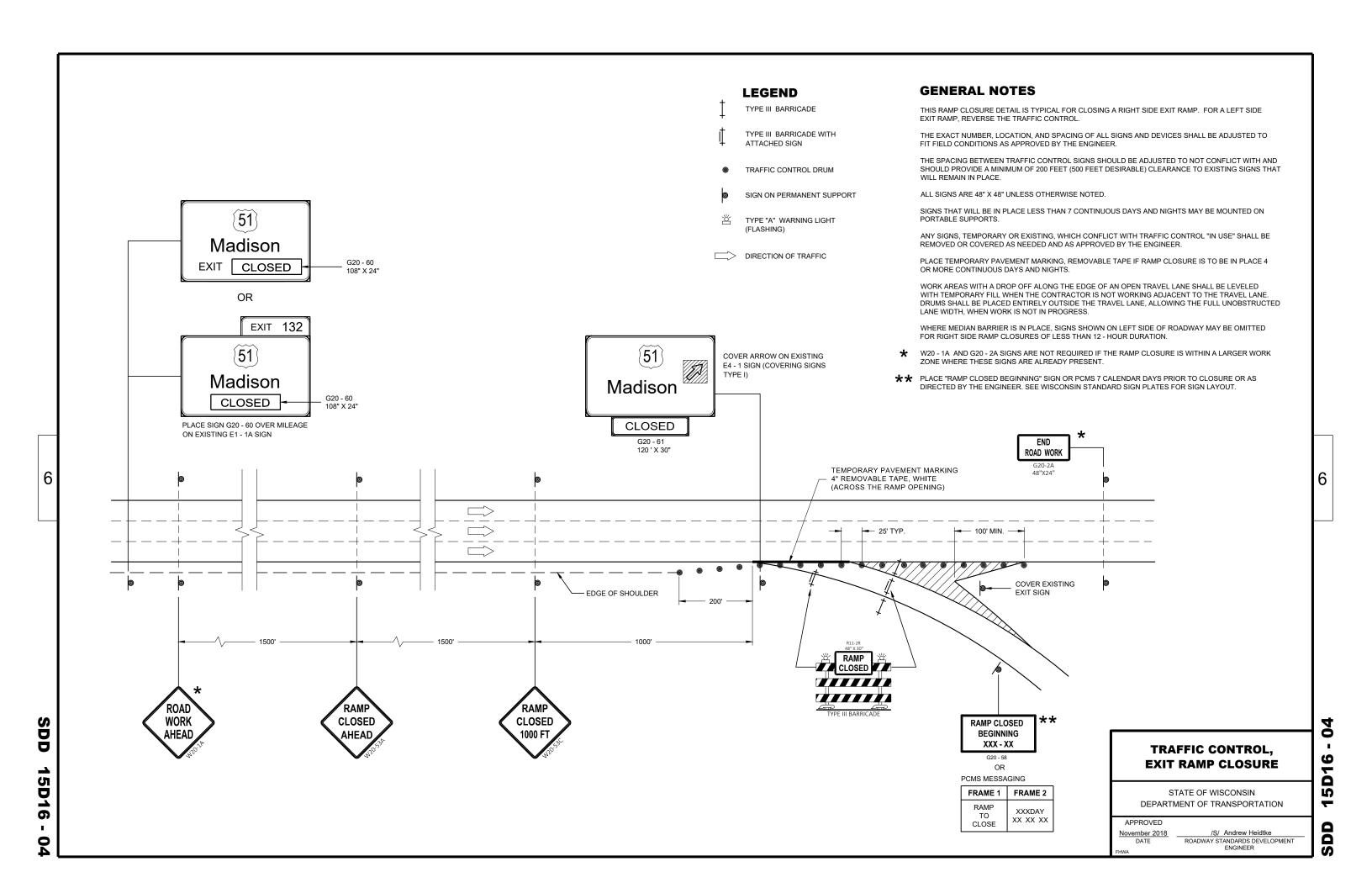
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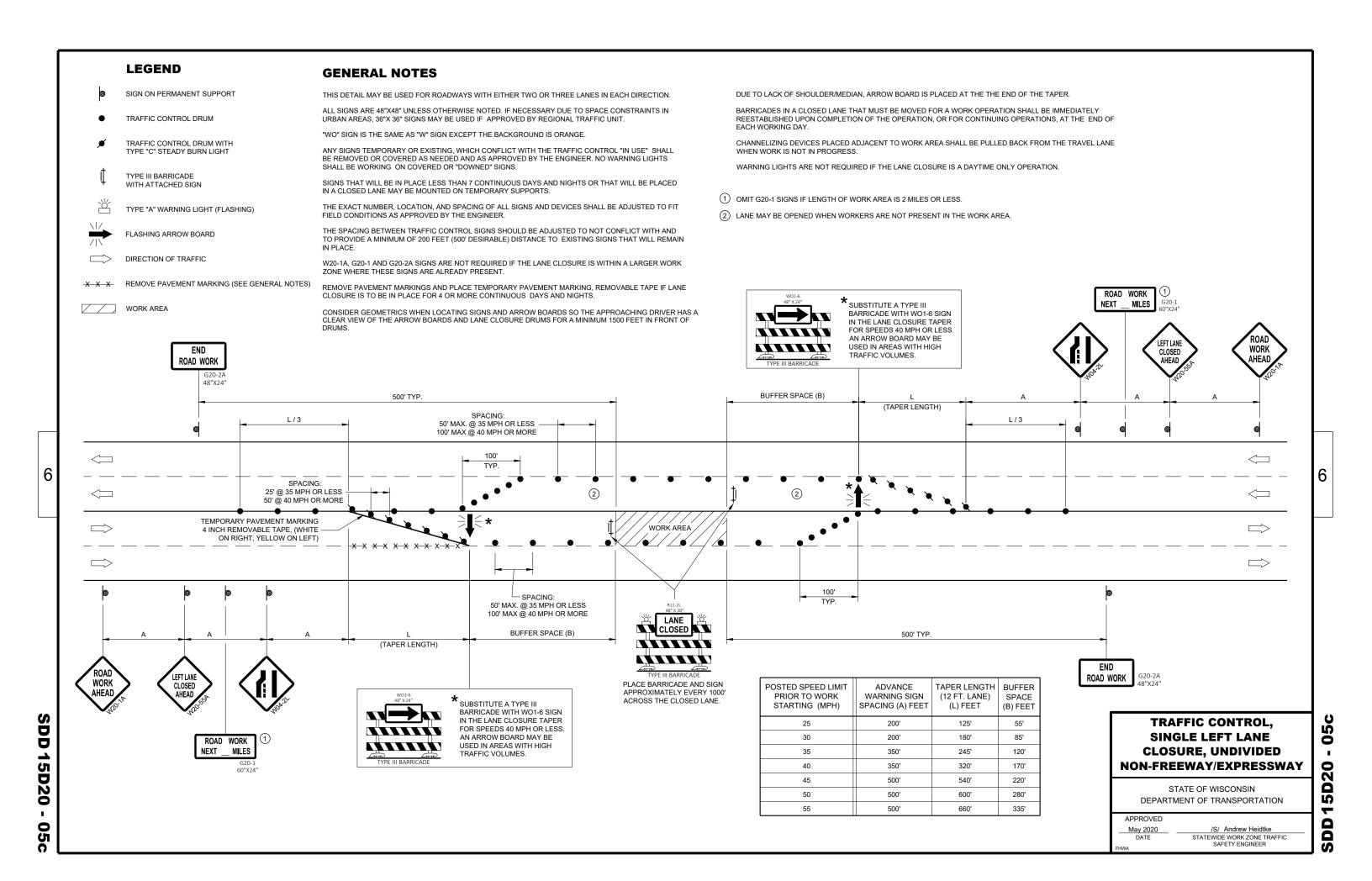
5C07 - 15c

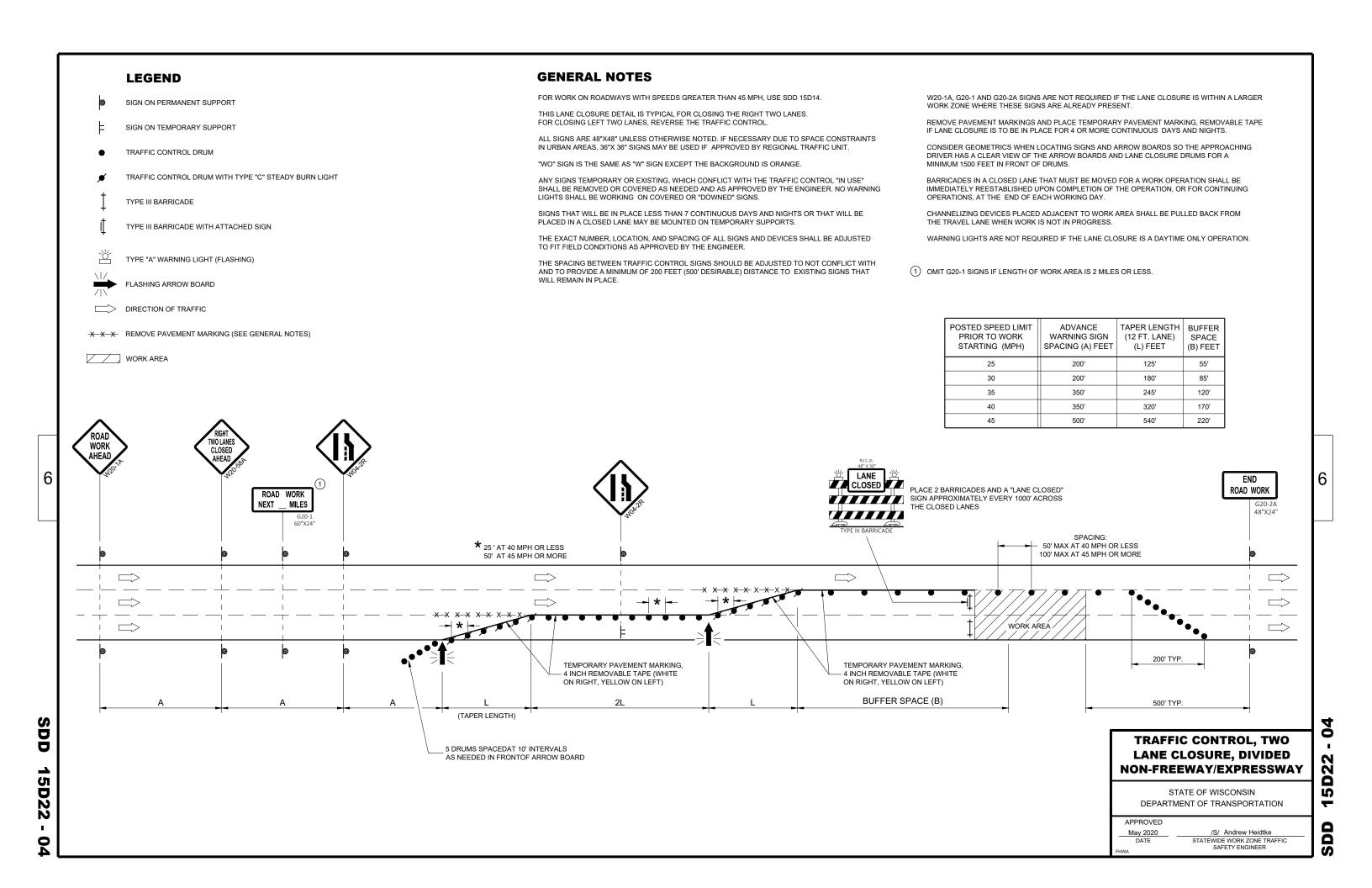
SDD

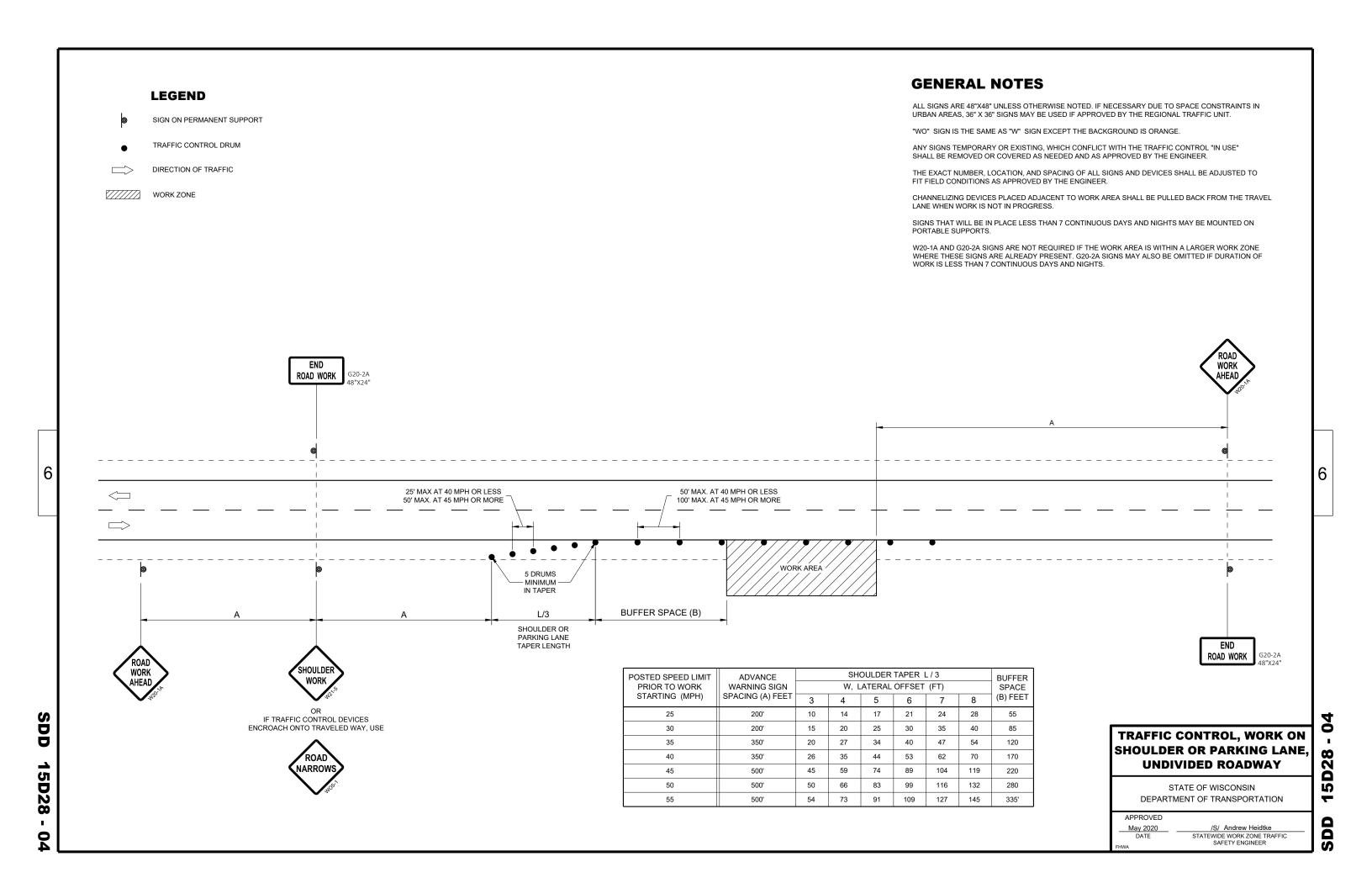
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TUBULAR STEEL POSTS

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

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

URBAN AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

WOOD POST **EMBEDMENT DEPTH**

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

4" X 6" WOOD POST

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

SEE NOTE (3)

RURAL AREA

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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- 11/2" DIAMETER HOLES

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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

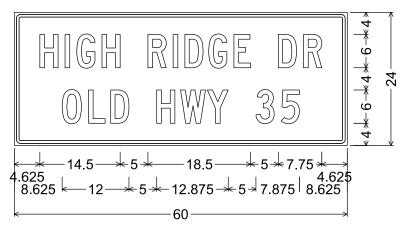
> /S/ Andrew Heidtke WORK ZONE ENGINEER

APPROVED

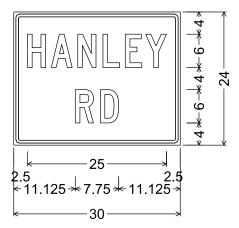
June 2017 DATE

0 ∞ **2**D 3.000" Radius, 1.000" Border, 0.750" Indent

5 8 1.375" Radius, 0.625" Border, 0.500" Indent



1.125" Radius, 0.500" Border, 0.375" Indent



1.125" Radius, 0.500" Border, 0.375" Indent

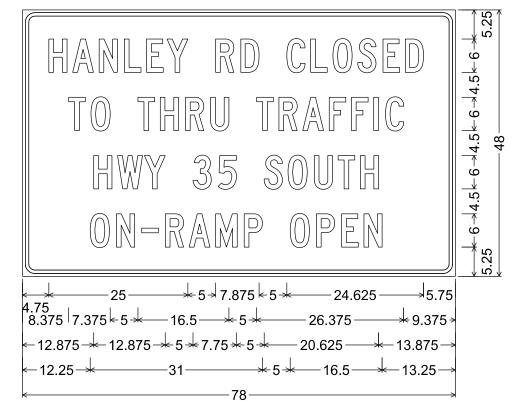
NOTES

1. Fixed Message Type II Signs - Type F Reflective

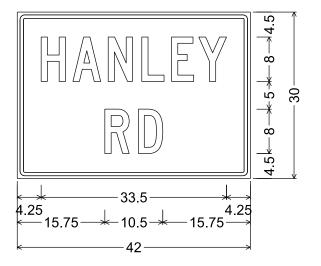
2. Color:

Background - Orange Message - Black

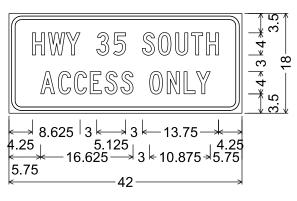
3. Message Series - D



2.250" Radius, 0.625" Border, 0.500" Indent



1.375" Radius, 0.625" Border, 0.500" Indent



2.250" Radius, 0.625" Border, 0.500" Indent

PROJECT NO: 7200-00-70

HWY: STH 35

COUNTY:ST CROIX

TEMPORARY SIGNING

SHEET NO:

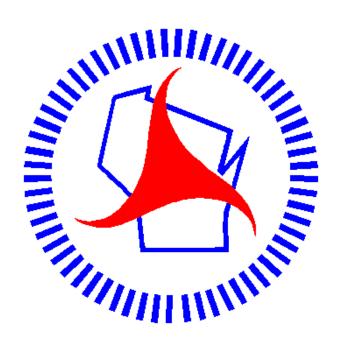
PLOT SCALE: \$\$.....plo†scale.....\$\$ WISDOT/CADDS SHEET 42

FILE NAME : C:\CAEfiles\Projects\tr_6_6551a221FMS.dgn

PLOT DATE: 16-FEB 2021 4:15

PLOT BY: mscj9h

PLOT NAME :



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov