### NOVEMBER 2023

SECTION NO.	,	Tine
Section No.	2	Typical Sections and Detail
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	-8	Structure Plans
Section No.	9	Computer Earthwork Data
Continu No	0	Cross Sections

TOTAL SHEETS = 32

## ORDER OF SHEETS

STATE	E OF	WISCONSIN
DEPARTMENT	OF	<b>TRANSPORTATION</b>

PLAN OF PROPOSED IMPROVEMENT

## PIERCE COUNTY LINE - HUDSON

PIERCE COUNTY LINE TO COULEE TRAIL

## CTH F ST. CROIX COUNTY

STATE PROJECT NUMBER

7901-03-72

R-19-E

**END PROJECT** 

STA 392+33.82 N=330464.306 E=517608.336 <sub>R-20-E</sub>



DESIGN DESIGNATION 7901-03-72

A.A.D.T.	2022	=	5,990
A.A.D.T.	2042	=	7,300
D.H.V.		=	50
D.D.		=	50/50
T.		==	1%
DESIGN SPEED	)	=	60
ESALS.		=	120.000

#### CONVENTIONAL SYMBOLS

WOODED OR SHRUB AREA

00111121111011111201111120			
PLAN		PROFILE	
CORPORATE LIMITS	1//////	GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	_ ROCK
LIMITED HIGHWAY EASEMENT	L	SPECIAL DITCH	_ LABEL
EXISTING RIGHT OF WAY PROPOSED OR NEW R/W LINE		GRADE ELEVATION	95.36
SLOPE INTERCEPT		CULVERT (Profile View)	0 □
REFERENCE LINE	300.EB,	UTILITIES	
EXISTING CULVERT		ELECTRIC FIBER OPTIC	— E ——
PROPOSED CULVERT (Box or Pipe)		GAS	—— G ——
COMBUSTIBLE FLUIDS	-CAUTION-	SANITARY SEWER STORM SEWER	SAN SS
	W.	TELEPHONE	— т —
MARSH AREA	( )	WATER	—— w ——
1111 11101 - 1 11100 -		UTILITY PEDESTAL	Ħ
	~~~~~	POWER POLE	4

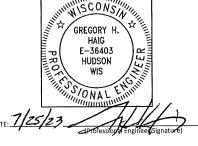
TELEPHONE POLE

\ \CI_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\(\bu_{\infty}\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		COULEE TRL .	
F		35)	
\$\frac{1}{2} \\ \frac{1}{2} \\ \frac		GL GL T-28-N	
	CHINA ROLLING MEADOW LN	##	
F GLENMONT RD	CARLSON LN COMNSVALLEY	Bres roll	
36 31 N LWACO RD ILWACO F	IGO TRL MM BARRELIANDER DR MARKET MAR	SWEDISH KO	
BEGIN PROJECT  STA 95+70  N=300805.934  E=517635.641  TOTAL NET LENGTH OF CENTERLY		ARE THE SAME AS GROUND DISTAN	(WISCRS), ST. CROIX COUNTY,

FEDERAL PROJECT STATE PROJECT CONTRACT WISC 2024031 7901-03-72

ŀ	ACCEPTED F	OR
ST.	CROIX CO	UNTY
7/15/23 Date	Robbu (Signature	and Title of Official)

ORIGINAL PLANS PREPARED BY ST. CROIX COUNTY HIGHWAY DEPARTMENT



#### STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

REPARED BY	
Surveyor	Derek Tuttle
Designer	Greg Haig
Project Manager	Matthew Berg
Regional Examiner	Tou Yang
Regional Supervisor	Tyler Rongstad

APPROVED FOR THE DEPARTMENT

7/11/2023 1:04 PM

DEREK TUTTLE

PLOT NAME :

Ε

WISDOT/CADDS SHEET 42

**SHEET** 

#### GENERAL NOTES

- THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.
- HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 115 LB/SY/IN.
- CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

#### COMMUNICATIONS

AT&T
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PHONE: 715-760-0968
mknegendorf@lswi.net

COMCAST
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4255 LEXINGTON AVE N. STE 100
ARDEN HILLS, MN 55026
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benjamin.ueland@comcast.com

#### MUNICIPAL

PROJECT NO:

FILE NAME :

HUDSON WATER & SEWER
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500 3RD STREET
HUDSON, WI 54016
PHONE: 715-386-4767
dandrews@ci.hudson.wi.us

SCHOOL DISTRICT OF HUDSON DUSTIN HAYES 1501 VINE STREET HUDSON, WI 54016 PHONE: 715-377-3708 hayesdustin@hudsonraiders.com



7901-03-72

#### **ELECTRIC**

ST. CROIX ELECTRIC COOP ROB DOOLEY 1925 RIDGEWAY STREET HAMMOND, WI 54015 PHONE: 715-796-7000 communications@sceenet.net

#### GAS

ST. CROIX VALLEY NATURAL GAS GREG LEE 415 S. 2ND STREET RIVER FALLS, WI 54022 PHONE: 715-425-6177 greg@stcroixgas.com

#### <u>PIPELINE</u>

MAGELLEN MIDSTREAM PARTNERS
BRUCE KRECH
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ROSEVILLE, MN 55130
PHONE: 612-257-4726
bruce.krech@megellanlp.com

#### **DESIGN CONTACTS**

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#### OWNER

ST. CROIX COUNTY HIGHWAY DEPT.
ATTN: ROBBIE KREJCI
300 OAK RIDGE PKWY
BALDWIN, WI 54002
PHONE: 715-245-4201
robbie.krejci@sccwi.gov

#### DNR LIASON

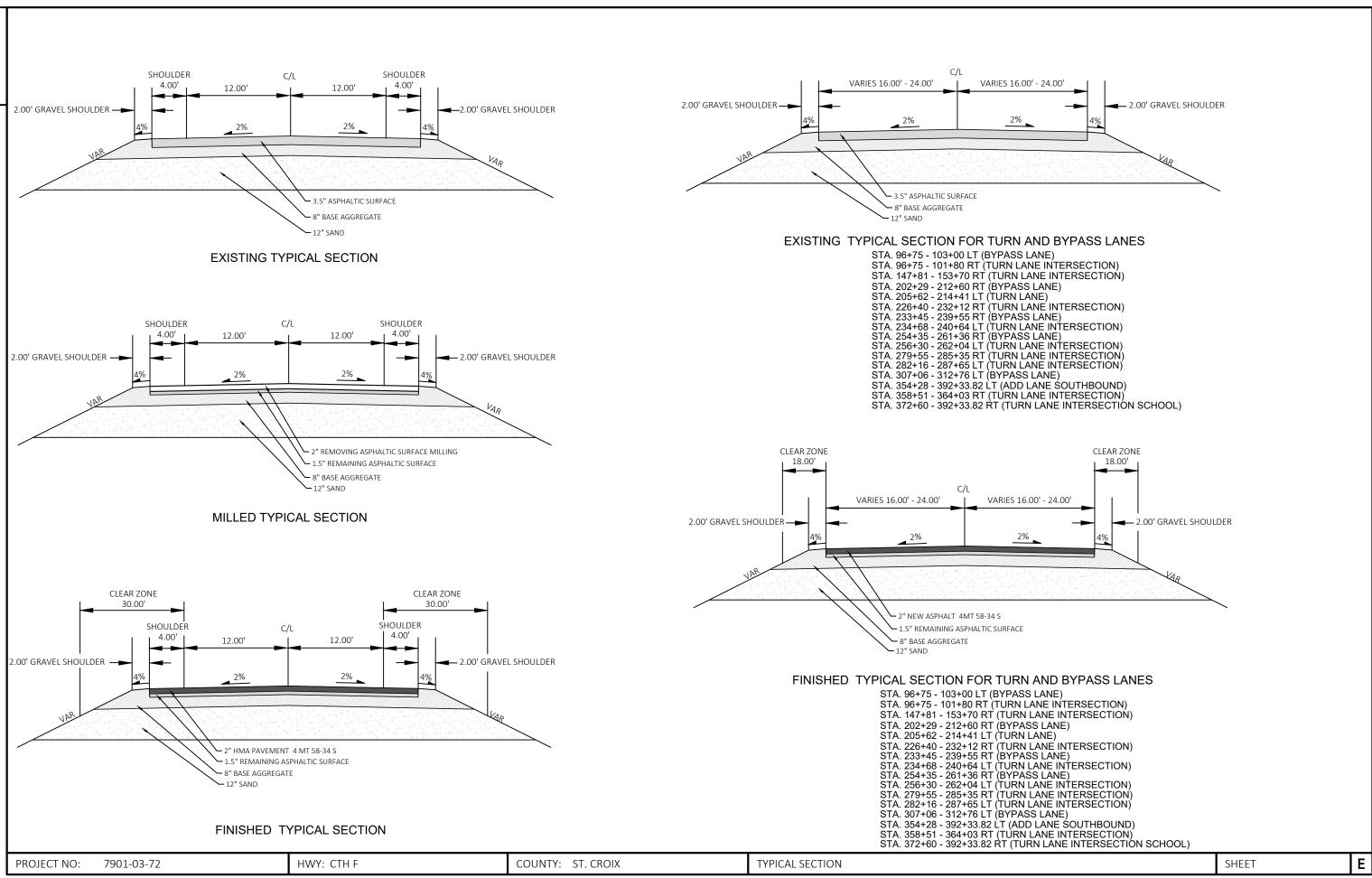
AMY LESIK
WISCONSIN DNR
1300 W. CLAIREMONT AVE
EAU CLAIRE, WI 54701
PHONE: 715-836-6571
amy.lesik@wisconsin.gov

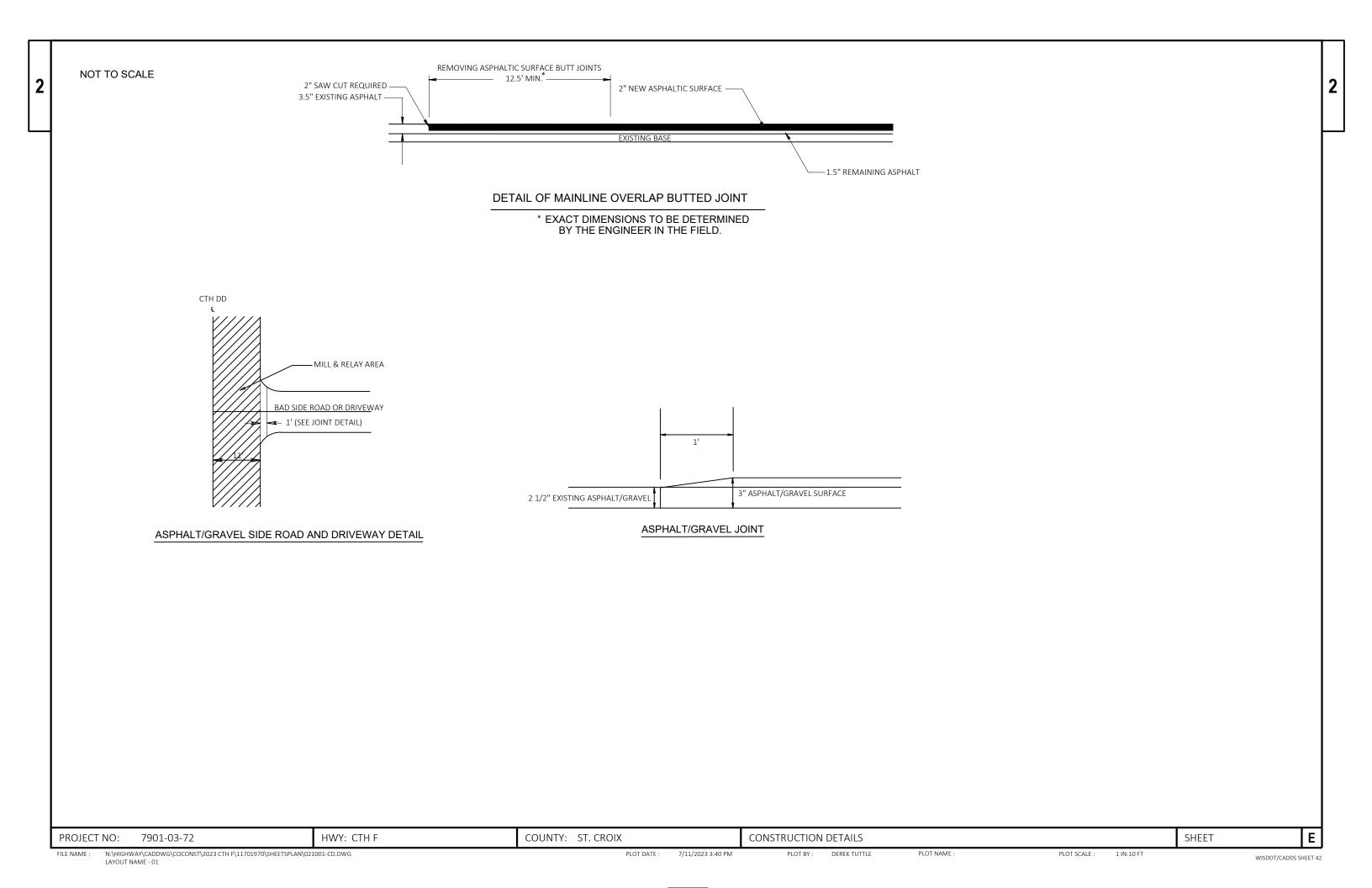
#### STANDARD ABBREVIATIONS

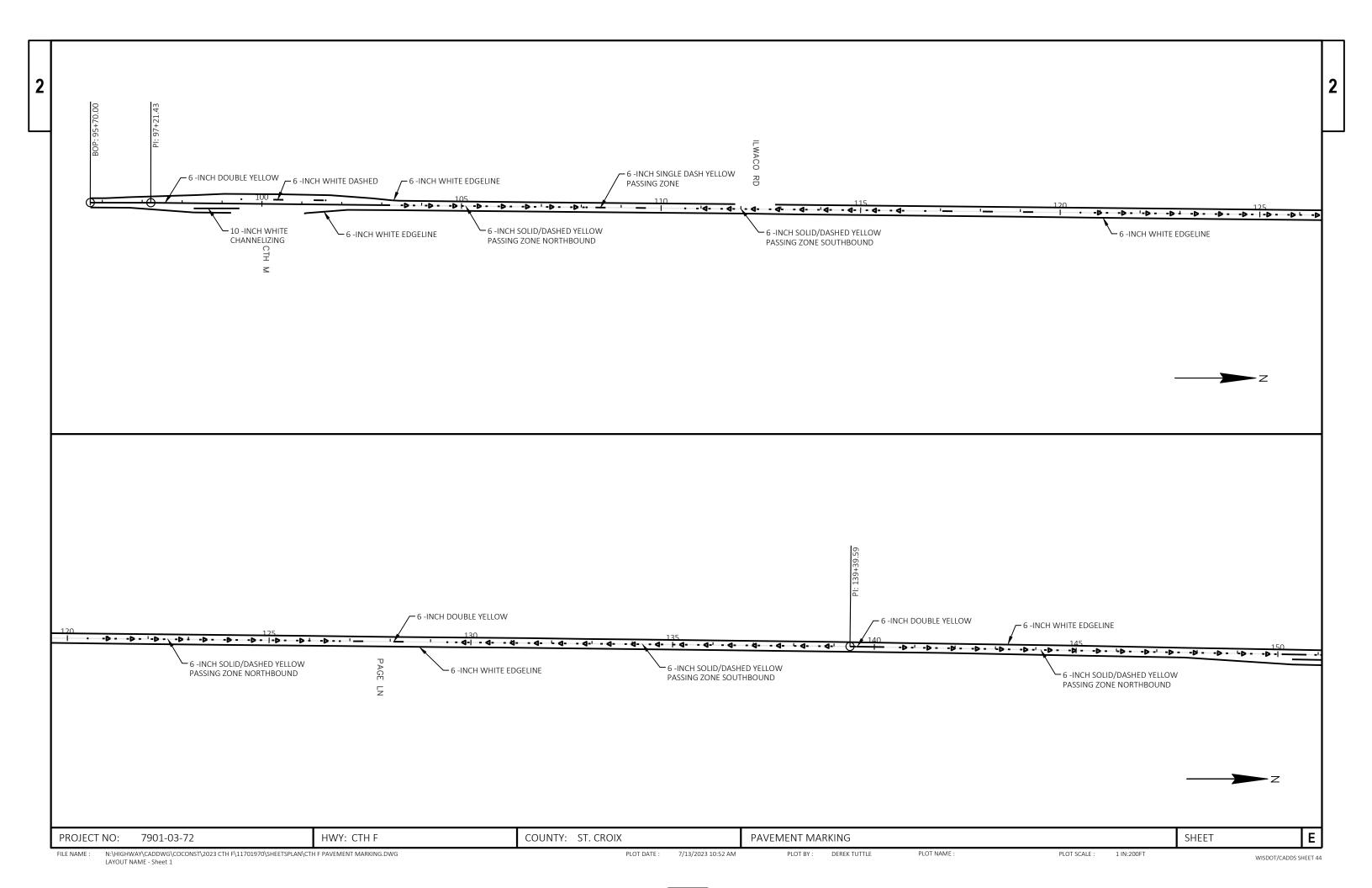
AC	ACRE	LC.	LONG CHORD
AGG	AGGREGATE	LS	LUMPSUM
<	ANGLE	M.P.	MARKER POST
AE, AEW	A PRON ENDWALL	MGAL	1000 GALLONS
ASPH.	ASPHALTIC	N.C.	NORMAL CROWN
A.D.T.	AVERAGE DAILY TRAFFIC	N	NORTH
A.A.D.T.	ANNUAL AVERAGE DAILY TRAFFIC	NB	NORTHBOUND
B.F.	BACK FACE	NOR	NORMAL
BM	BENCHMA RK	NO.	NUMBER
BTWN	BETWEEN	PAV'T	PAVEMENT
CTR.	CENTER	P.L.E.	PERMANENT LIMITED EASEMENT
C/L	CENTER LINE	P.C.	POINT OF CURVATURE
Δ	CENTRAL ANGLE OR DELTA	P.I.	POINT OF INTERSECTION
C.E.	COMMERCIAL ENTRANCE	P.T.	POINT OF TANGENCY
CONST.	CONSTRUCTION	PCC	PORTLAND CEMENT CONCRETE
CMCP	CORRUGATED METAL CULVERT PIPE	P.E.	PRIVATE ENTRANCE
CMP	CORRUGATED METAL PIPE	PGL	PROFILE GRADE LINE
∞.	COUNTY	P.L.	PROPERTY LINE
CTH	COUNTY TRUNK HIGHWAY	R	RA DIUS OR RA NGE
CR.	CREEK	R/L	REFERENCE LINE
CABC	CRUSHED AGGREGATE BASE COURSE	R.C.C.P.	REINFORCED CONCRETE CULVERT PIPE
CY	CUBIC YARD	REQ'D	REQUIRED
CP	CONTROL POINT OR CULVERT PIPE	RT	RIGHT
C&G	CURB AND GUTTER	R.H.F.	RIGHT HAND FORWARD
D	DEGREE OF CURVE	R/W	RIGHT OF WAY
D.H.V.	DESIGN HOURLY VOLUME	RD.	ROAD
DIA.	DIAMETER	SHLD.	SHOULDER(S)
D.D.	DIRECTIONAL DISTRIBUTION	SHR.	SHRINKAGE
DISCH.	DISCHARGE	S	SOUTH
DMS	DY NA MIC MESSAGE SIGN	SB	SOUTHBOUND
EA	EACH	S.F.	SQUARE FOOT (FEET)
E	EAST	SDD	STANDARD DETAIL DRAWING(S)
EB	EASTBOUND	STH	STATE TRUNK HIGHWAY
ELEC.	ELECTRIC(AL), ELEC. CABLE	STA.	STATION
EL., ELEV.		S.E.	SUPERELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS	S.L. S/L	SURVEY LINE
EXC.	EXCAVATION	SYM	SYMMETRICAL
EXIST	EXISTING	T.	PERCENT TRUCKS
F.F.	FACE TO FACE	TEL.	TELEPHONE
	FERTILIZER		
FERT. F.E.	FIELD ENTRANCE	TEMP. T.L.E.	TEMPORARY
F.E. F/L, F.L.	FLOW LINE	T.C.C.	TEMPORARY LIMITED EASEMENT TOP OF CURB
GALV.	GALVANZE	TYP	TYPICAL
H.S.	HIGH STRENGTH	UNCL.	UNCLASSIFIED
CWT	HUNDRED WEIGHT	U.G.	UNDERGROUND (CABLE)
INL	INLET	VAR	VARIABLE
INTER.	INTERSECTION	V.C.	VERTICAL CURVE
IH ·	INTERSTATE HIGHWAY	V.P.C.	VERTICAL POINT OF CURVATURE
JT.	JOINT	V.P.I.	VERTICAL POINT OF INTERSECTION
LT 	LEFT	V.P.T.	VERTICAL POINT OF TANGENCY
L.H.F.	LEFT HAND FORWARD	Wt.	WEIGHT
L	LENGTH OF CURVE	W	WEST
L.F.	LINEAR FOOT(FEET)	WB	WESTBOUND

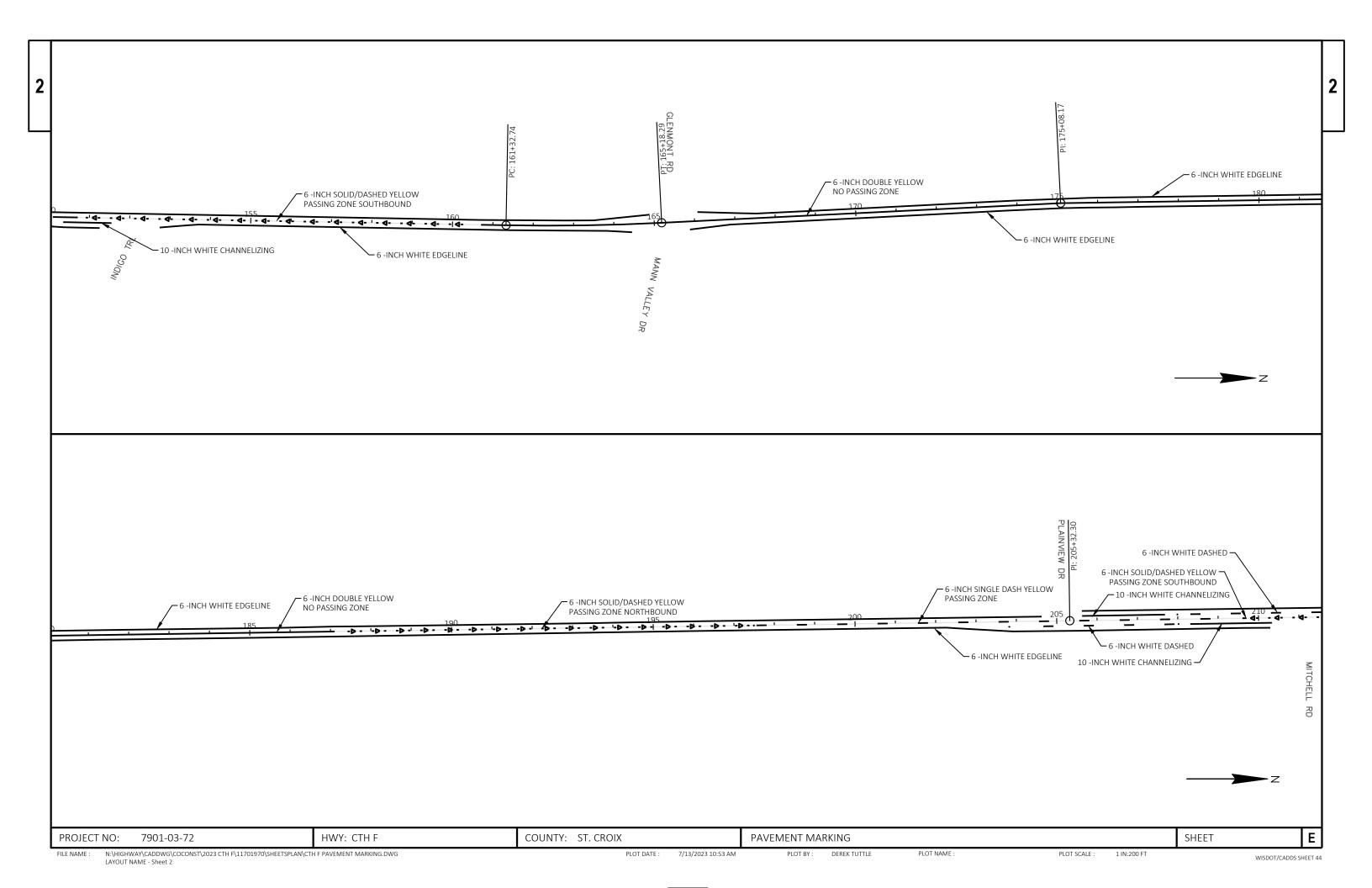
HWY: CTH F COUNTY: ST. CROIX GENERAL NOTES

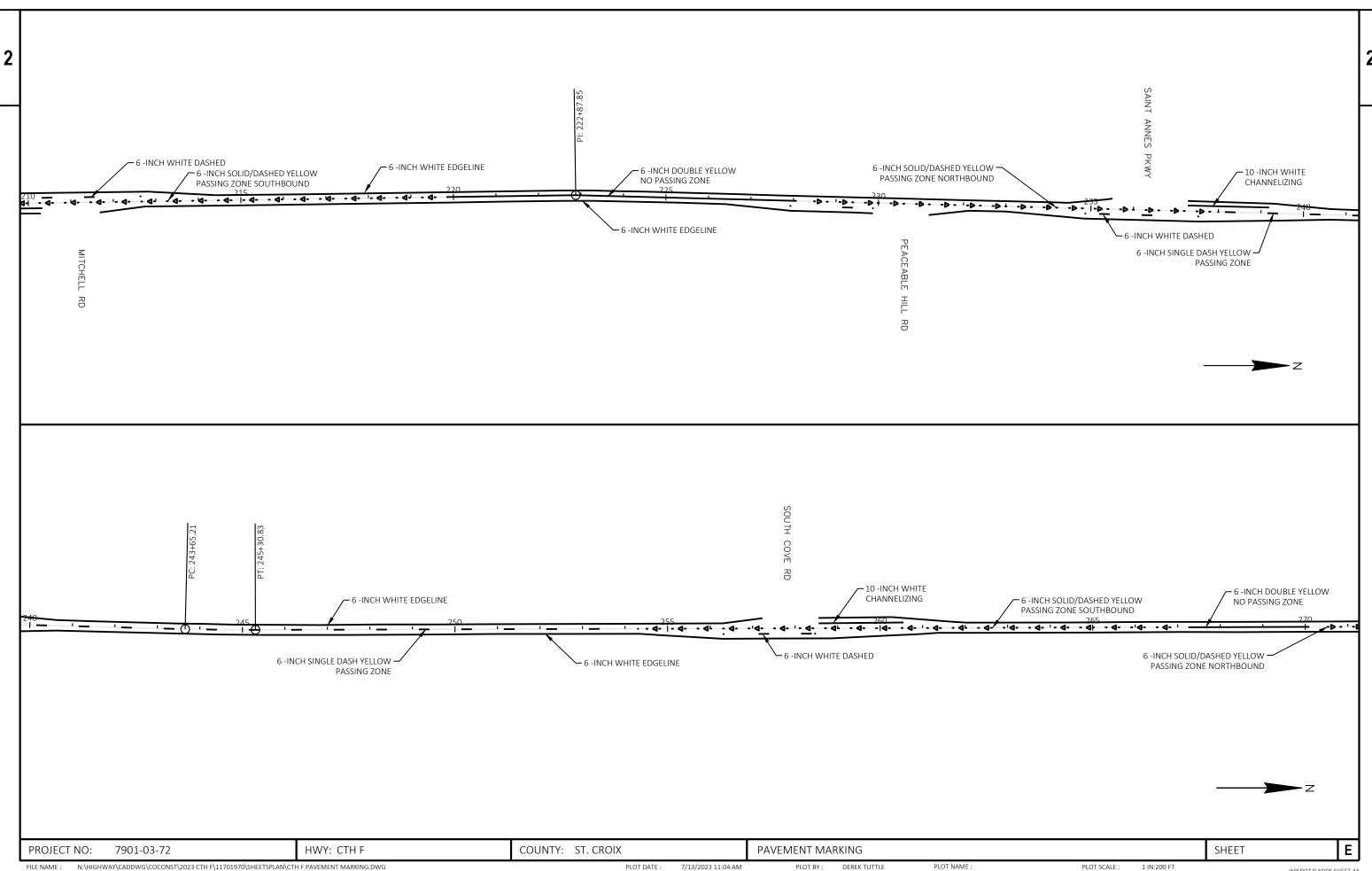
N:\HIGHWAY\CADDWG\COCONST\2023 CTH F\11701970\SHEETSPLAN\020101-GN.DWG PLOT BY: DEREK TUTTLE PLOT NAME: PLOT BY: DEREK TUTTLE PLOT NAME: PLOT SCALE: 1 IN:100 FT LAYOUT NAME - Plan 1 IN 100 FT





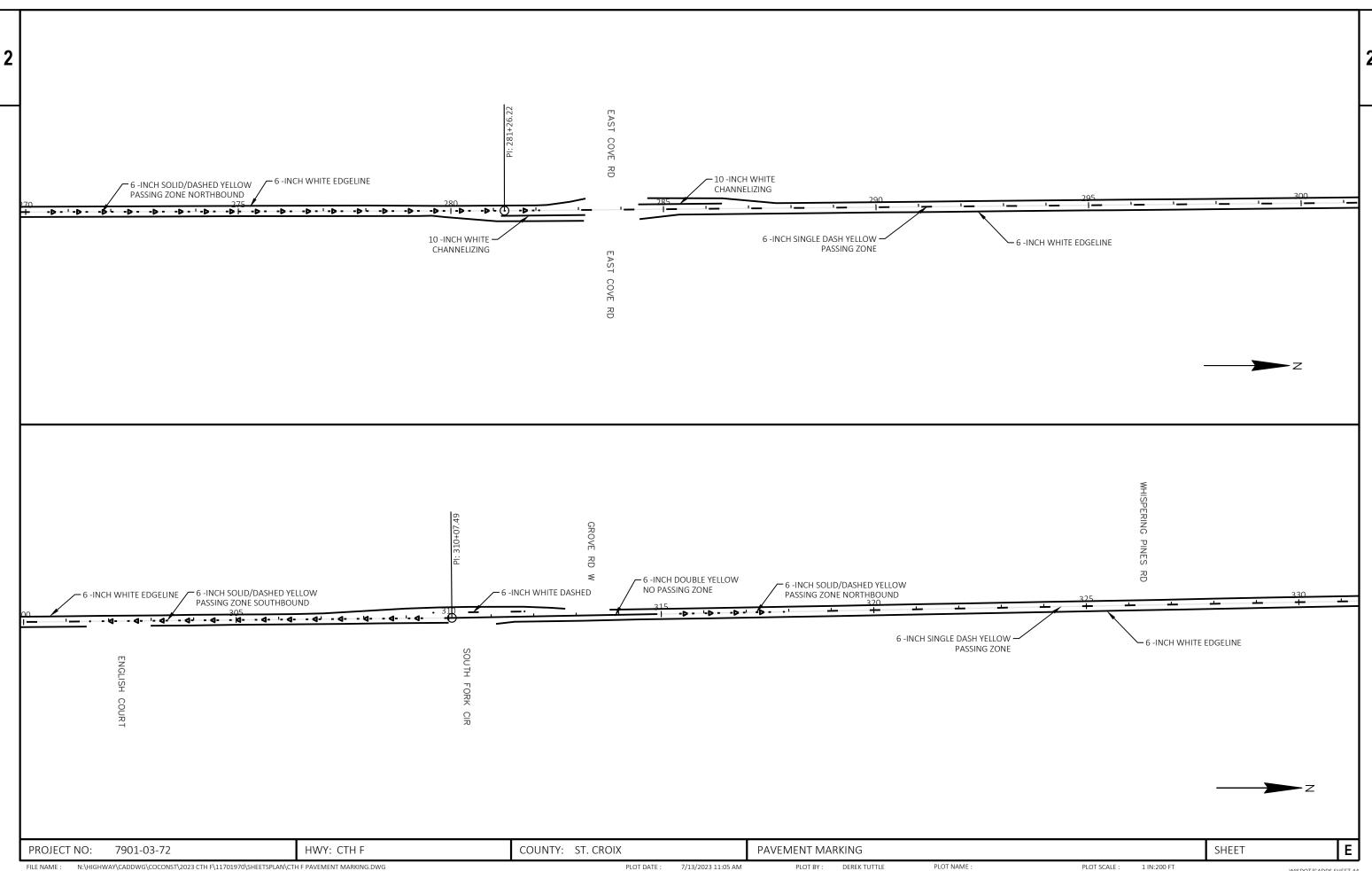






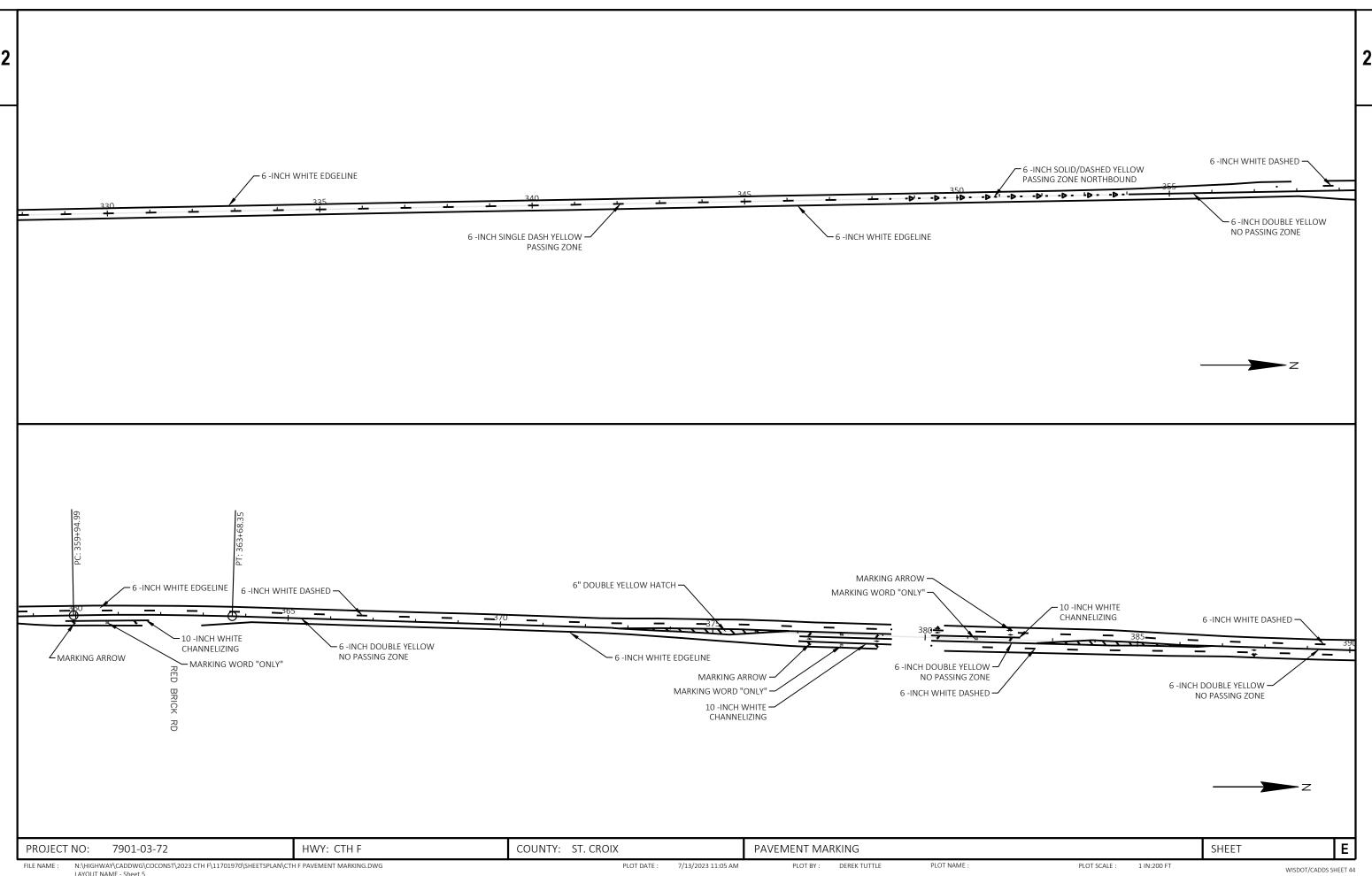
LAYOUT NAME - Sheet 3

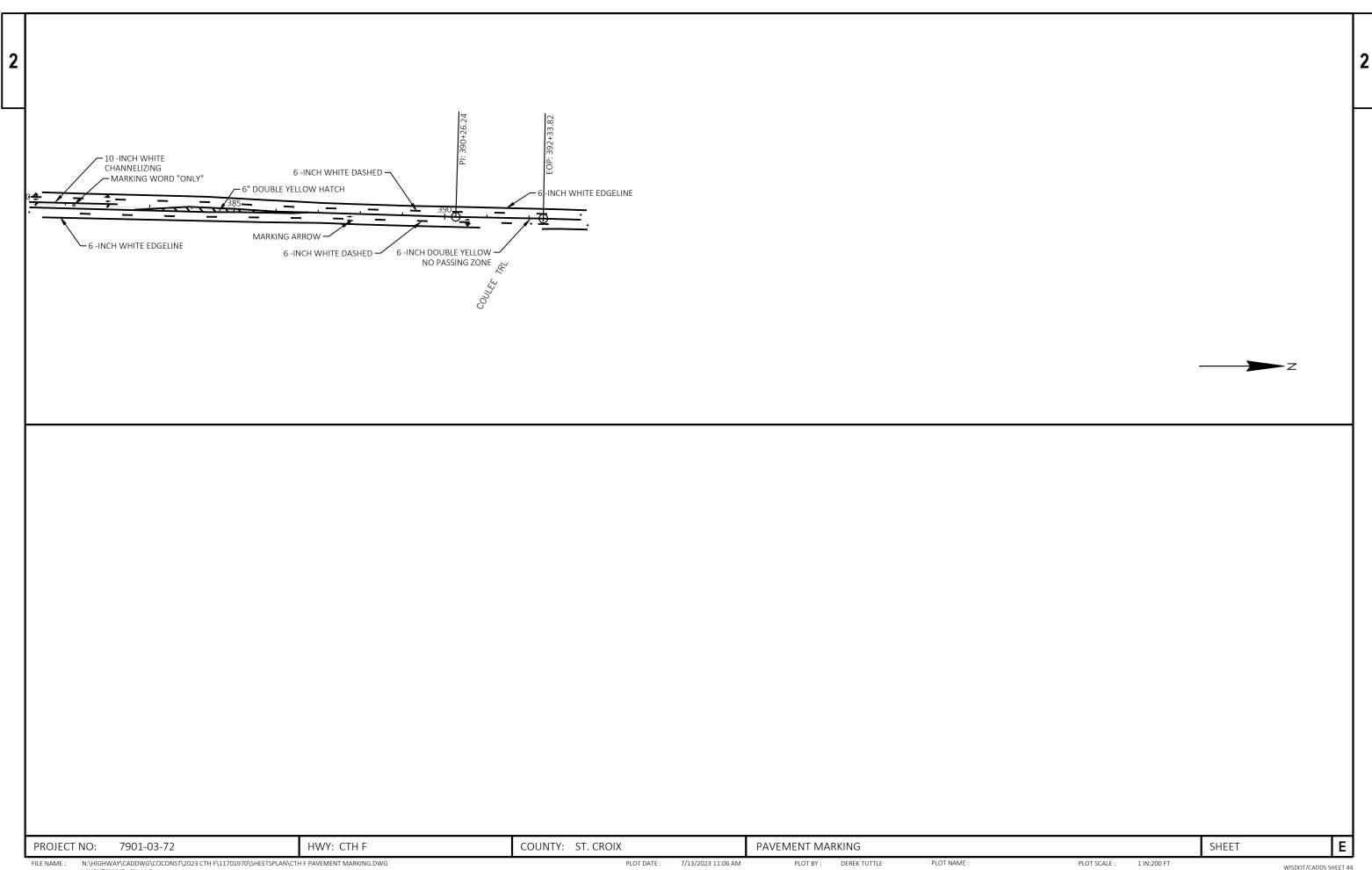
WISDOT/CADDS SHEET 44



LAYOUT NAME - Sheet 4

WISDOT/CADDS SHEET 44





N:\HIGHWAY\CADDWG\COCONST\2023 CTH F\11701970\SHEETSPLAN\CTH F PAVEMENT MARKING.DWG LAYOUT NAME - Sheet 6 WISDOT/CADDS SHEET 44

0046 0048

0050

ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR

ASP.1T0G On-the-Job Training Graduate at \$5.00/HR

### **Estimate Of Quantities**

HRS

HRS

300.000

300.000

7901-03-72

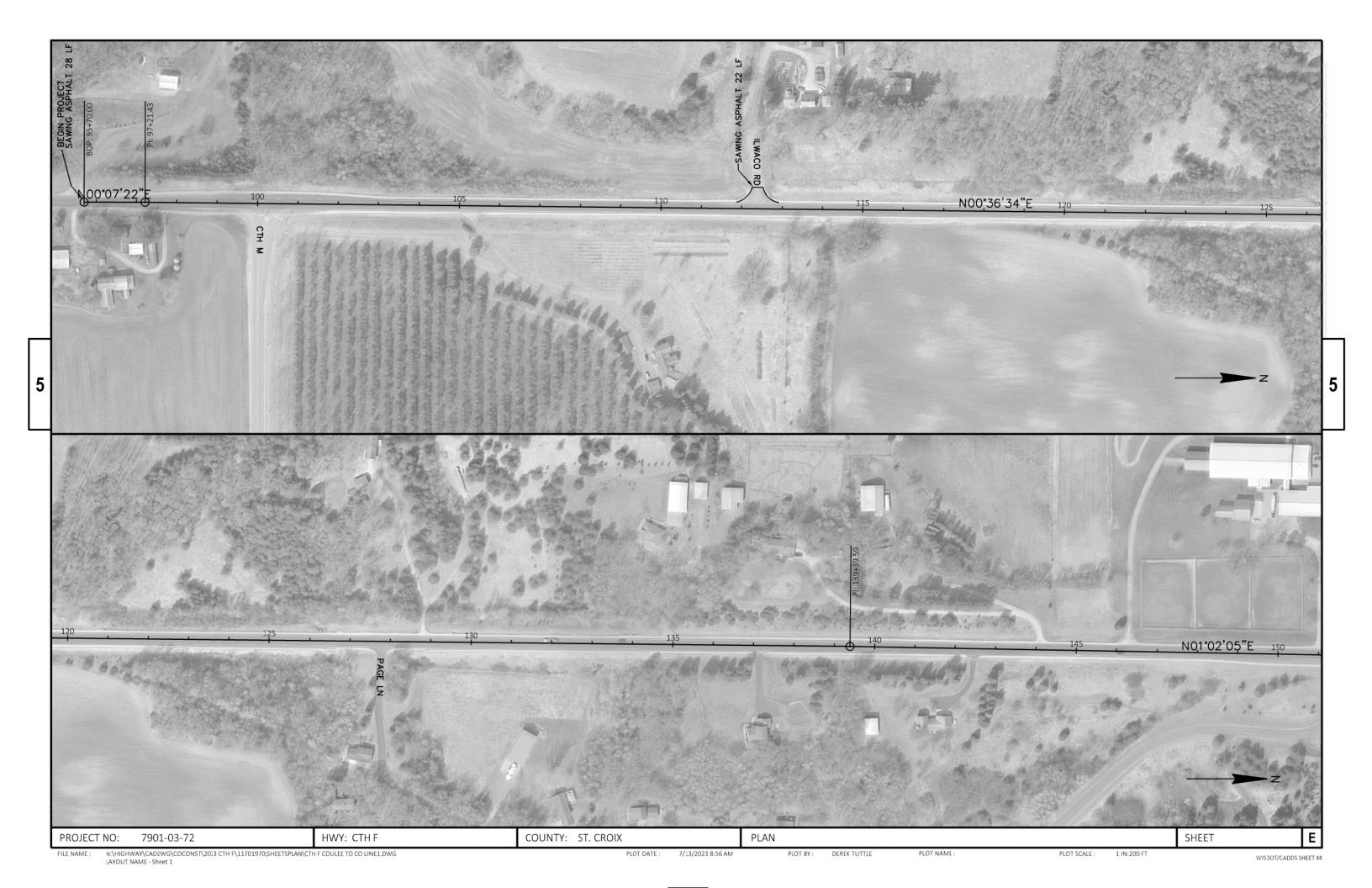
300.000

300.000

Page 1

Line	Item	Item Description	Unit	Total	Qty
0002	204.0115	Removing Asphaltic Surface Butt Joints	SY	50.000	50.000
0004	204.0120	Removing Asphaltic Surface Milling	SY	130,812.000	130,812.000
0006	305.0110	Base Aggregate Dense 3/4-Inch	TON	50.000	50.000
8000	305.0500	Shaping Shoulders	STA	500.000	500.000
0010	455.0605	Tack Coat	GAL	7,950.000	7,950.000
0012	460.2000	Incentive Density HMA Pavement	DOL	9,540.000	9,540.000
0014	460.6244	HMA Pavement 4 MT 58-34 S	TON	14,893.000	14,893.000
0016	618.0100	Maintenance And Repair of Haul Roads (project) 01. 7901-03-72	EACH	1.000	1.000
0018	619.1000	Mobilization	EACH	1.000	1.000
0020	624.0100	Water	MGAL	1.000	1.000
0022	642.5001	Field Office Type B	EACH	1.000	1.000
0024	643.0900	Traffic Control Signs	DAY	3,360.000	3,360.000
0026	643.5000	Traffic Control	EACH	1.000	1.000
0028	646.2005	Marking Line Paint 6-Inch	LF	104,177.000	104,177.000
0030	646.4005	Marking Line Paint 10-Inch	LF	2,580.000	2,580.000
0032	646.5005	Marking Arrow Paint	EACH	18.000	18.000
0034	646.5105	Marking Word Paint	EACH	4.000	4.000
0036	646.7105	Marking Diagonal Paint 12-Inch	LF	275.000	275.000
0038	648.0100	Locating No-Passing Zones	MI	5.600	5.600
0040	650.8000	Construction Staking Resurfacing Reference	LF	29,655.000	29,655.000
0042	650.9911	Construction Staking Supplemental Control (project) 01. 7901-03-72	EACH	1.000	1.000
0044	690.0150	Sawing Asphalt	LF	265.000	265.000
0046	740.0440	Incentive IRI Ride	DOL	22,000.000	22,000.000

PROJECT NO: 7901-03-72	HWY: CTH F	COUNTY: ST. CROIX		MISCELLANEOU	IS QUANTITIES				SHEET		Ε
FILE NAME : N:\HIGHWAY\CADDWG\COCONST\2023 CTH F\11701970\SHEETSPLAN\030 LAYOUT NAME - 01	201-MQ.DWG	PLOT DATE :	8/29/2023 5:56 AM	PLOT BY :	DEREK TUTTLE	PLOT NAME :	PLOT SCALE :	1" = 1'		WISDOT/CADDS SH	EET 42













PROJECT NO: 7901-03-72 HWY: CTH F

COUNTY: ST. CROIX

PLOT DATE: 7/13/2023 9:30 AM PLOT BY: DEREK TUTTLE PLOT NAME: PLOT NAME: 1 IN:200 FT

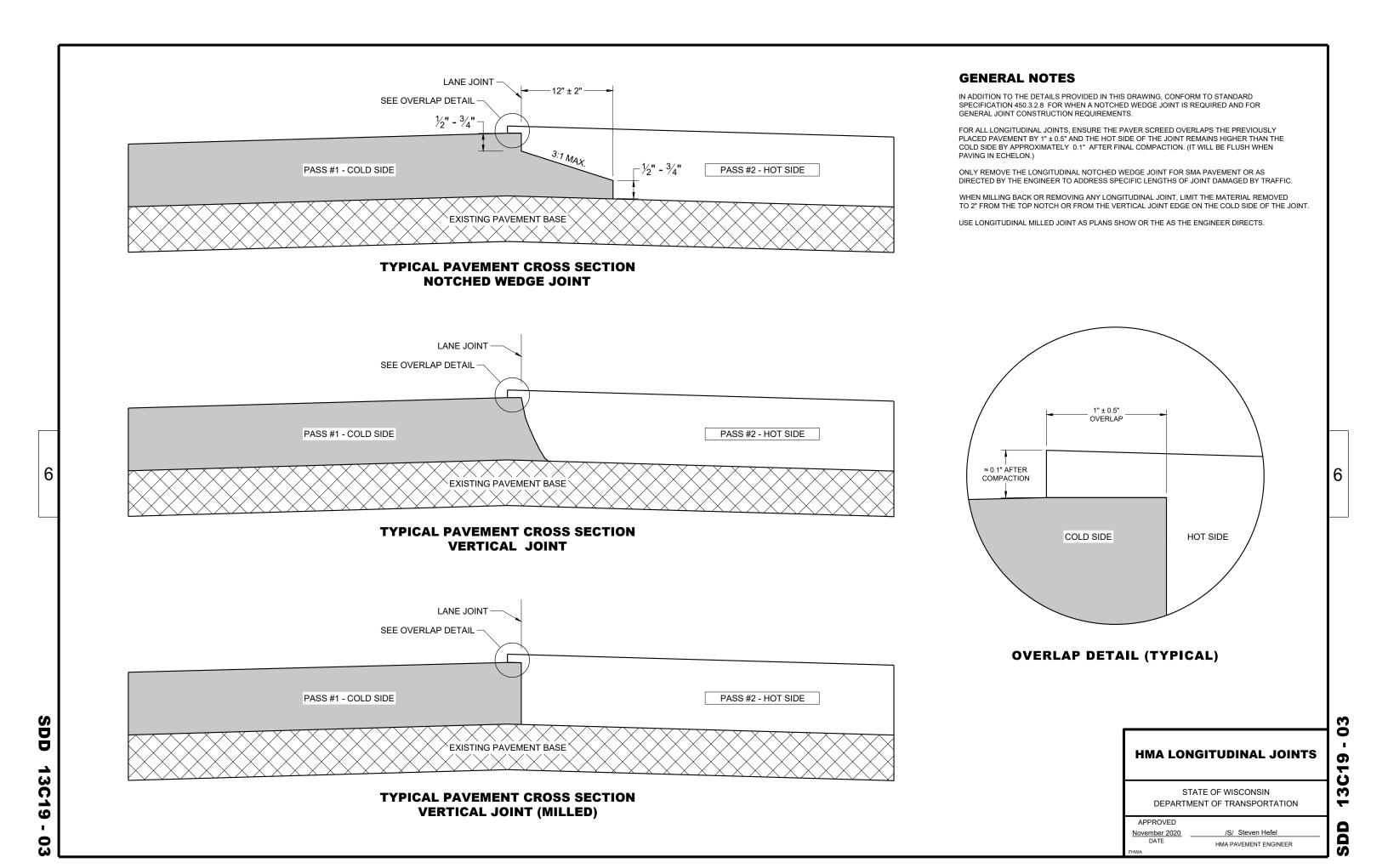
WISDOT/CADDS SHEET 44

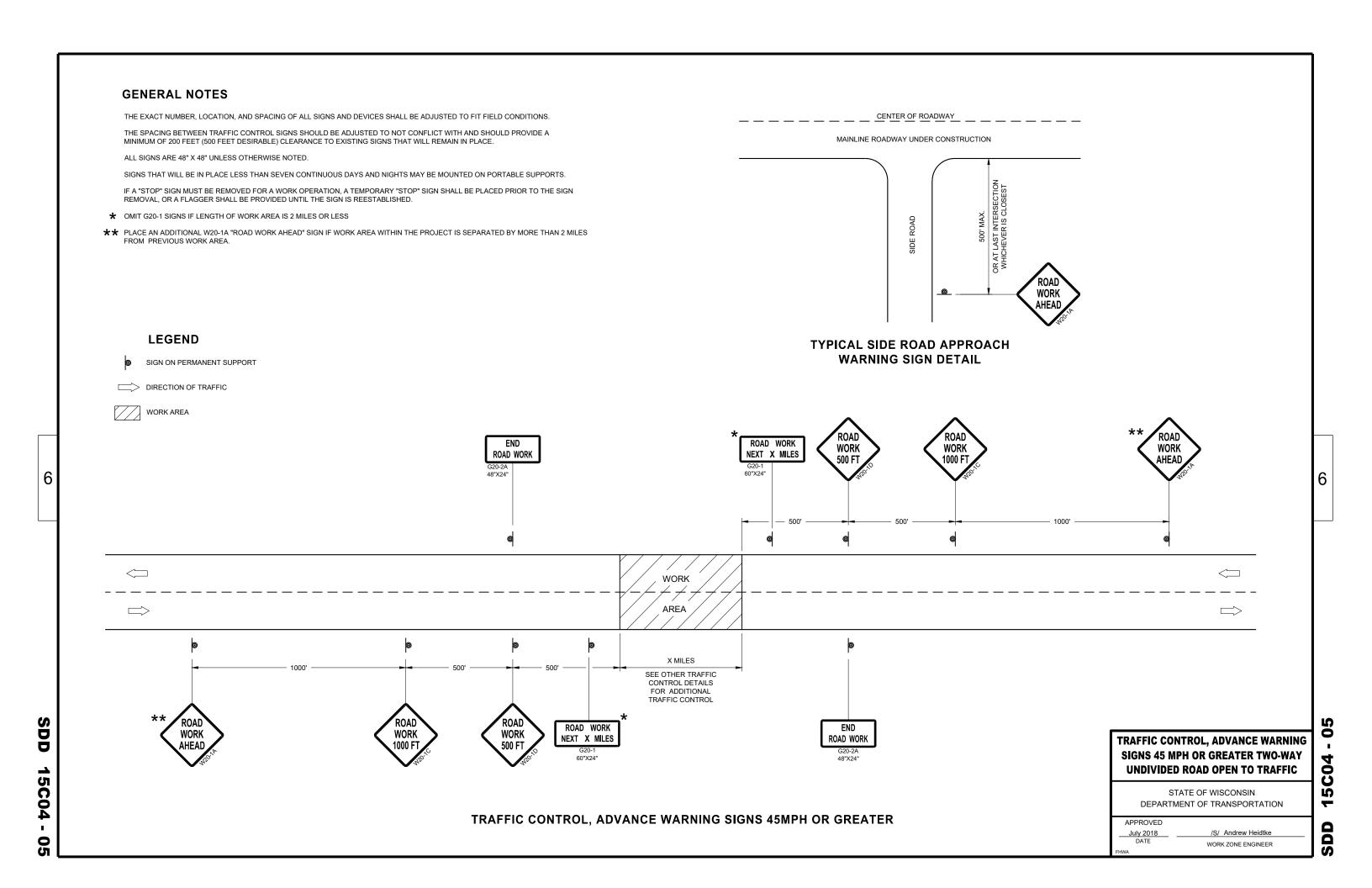
WISDOT/CADDS SHEET 44

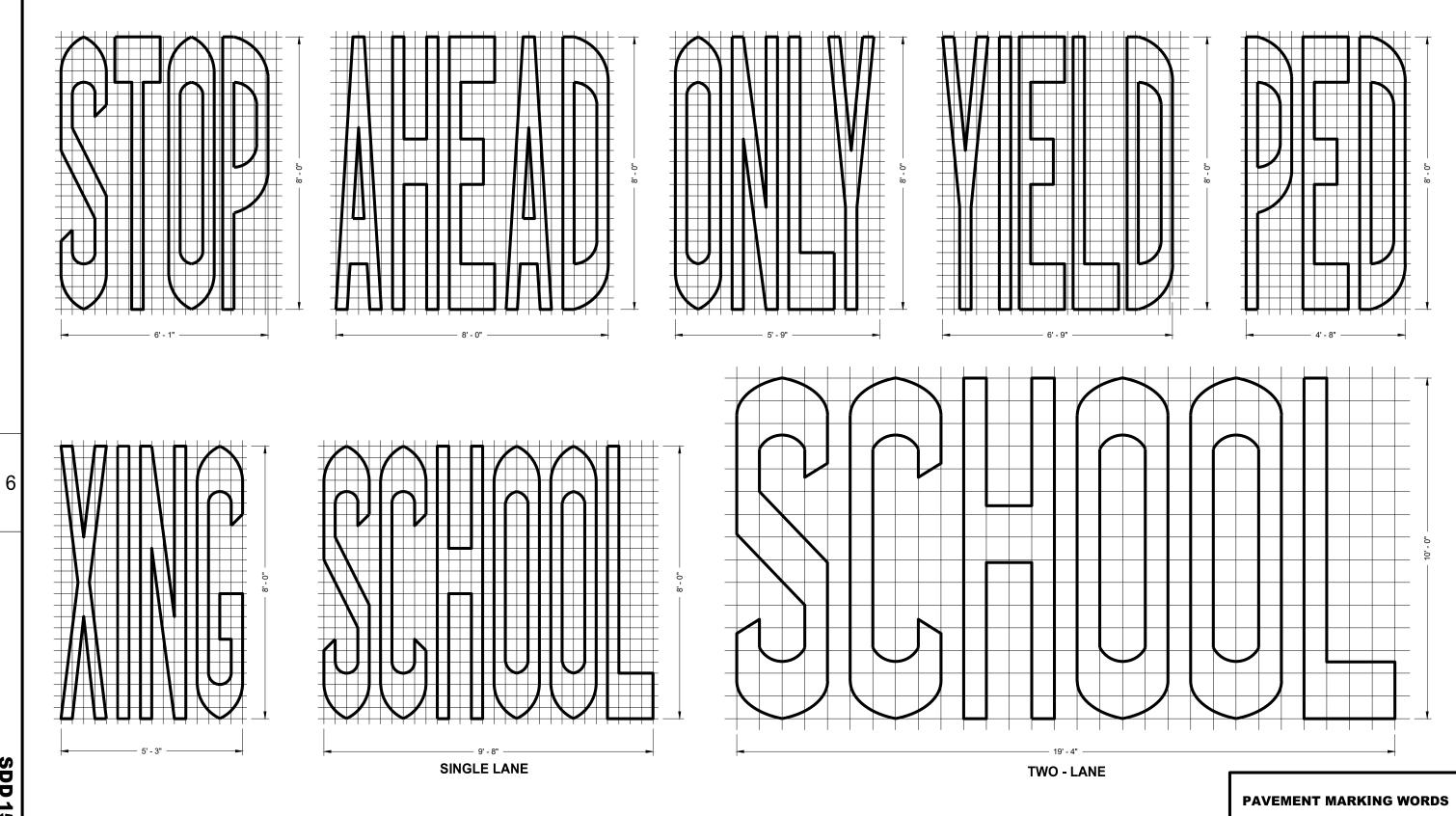
## Standard Detail Drawing List

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
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-23C	PAVEMENT MARKING (TURN LANES)
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-08A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-08B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

6







**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

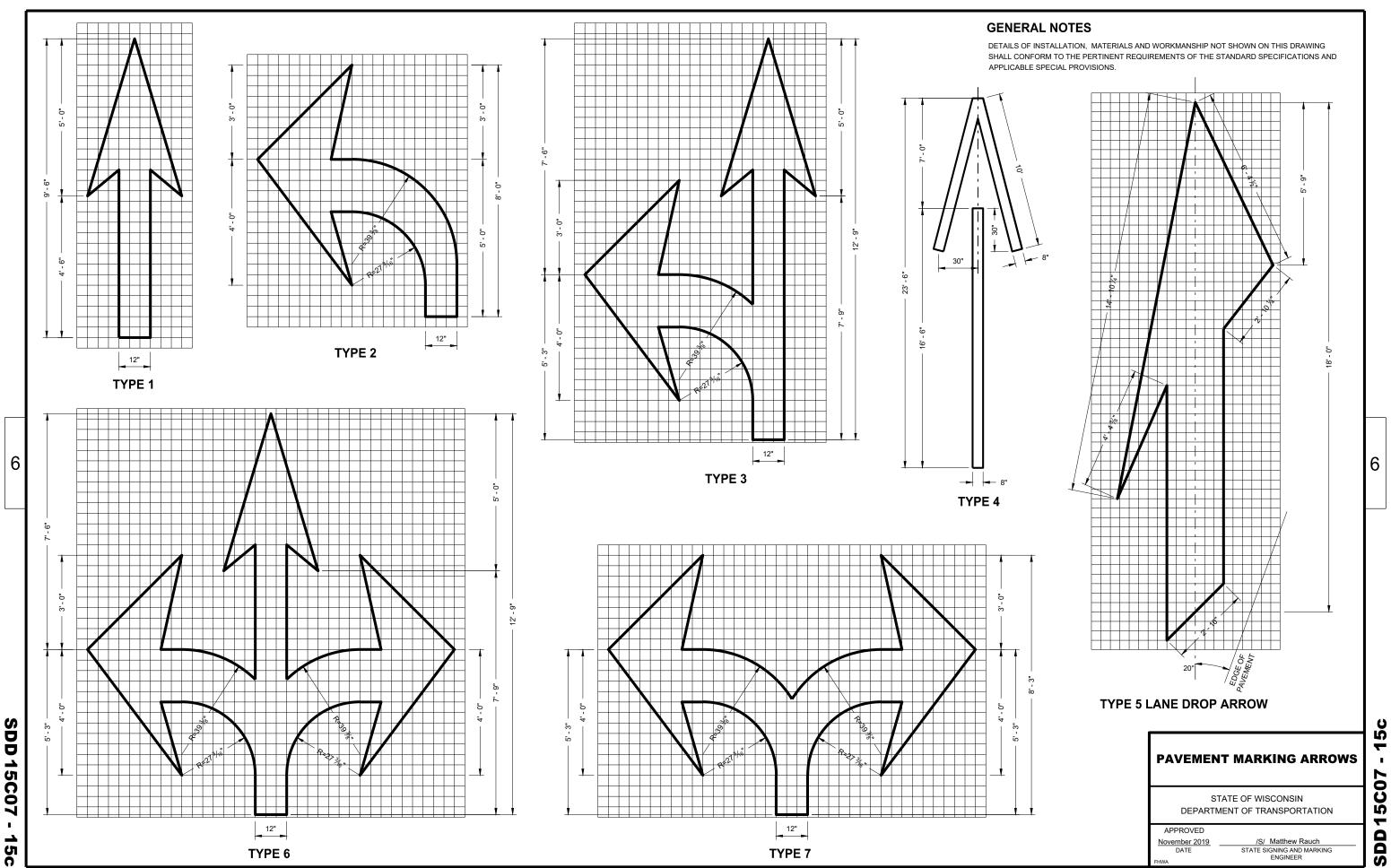
APPROVED

November 2019 \_\_\_\_ /S/ Matthew Rauch
STATE SIGNING AND MARKING
ENGINEER

6

**5**b

**SDD15C07** 



TYPE 7

TYPE 6

SDD

**GENERAL NOTES** 

- 1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING
- (2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

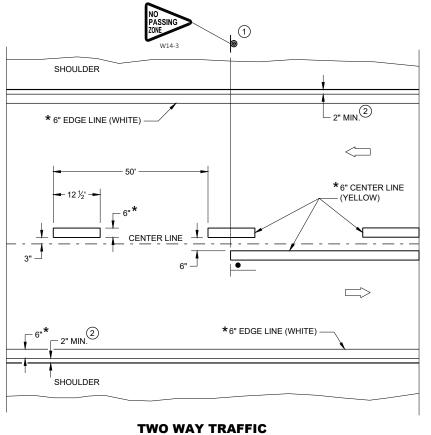
#### **LEGEND**

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

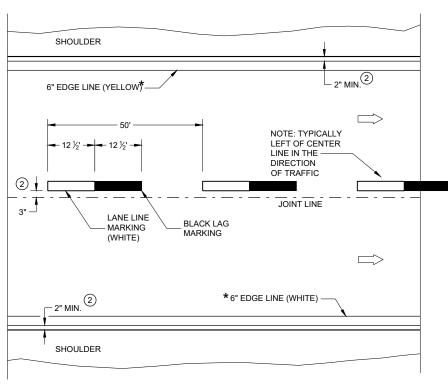
\* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



6

SDD

15C08-23a



**ONE WAY TRAFFIC** 

**PERMANENT PAVEMENT MARKING** 

**PERMANENT LONGITUDINAL PAVEMENT MARKINGS** 

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

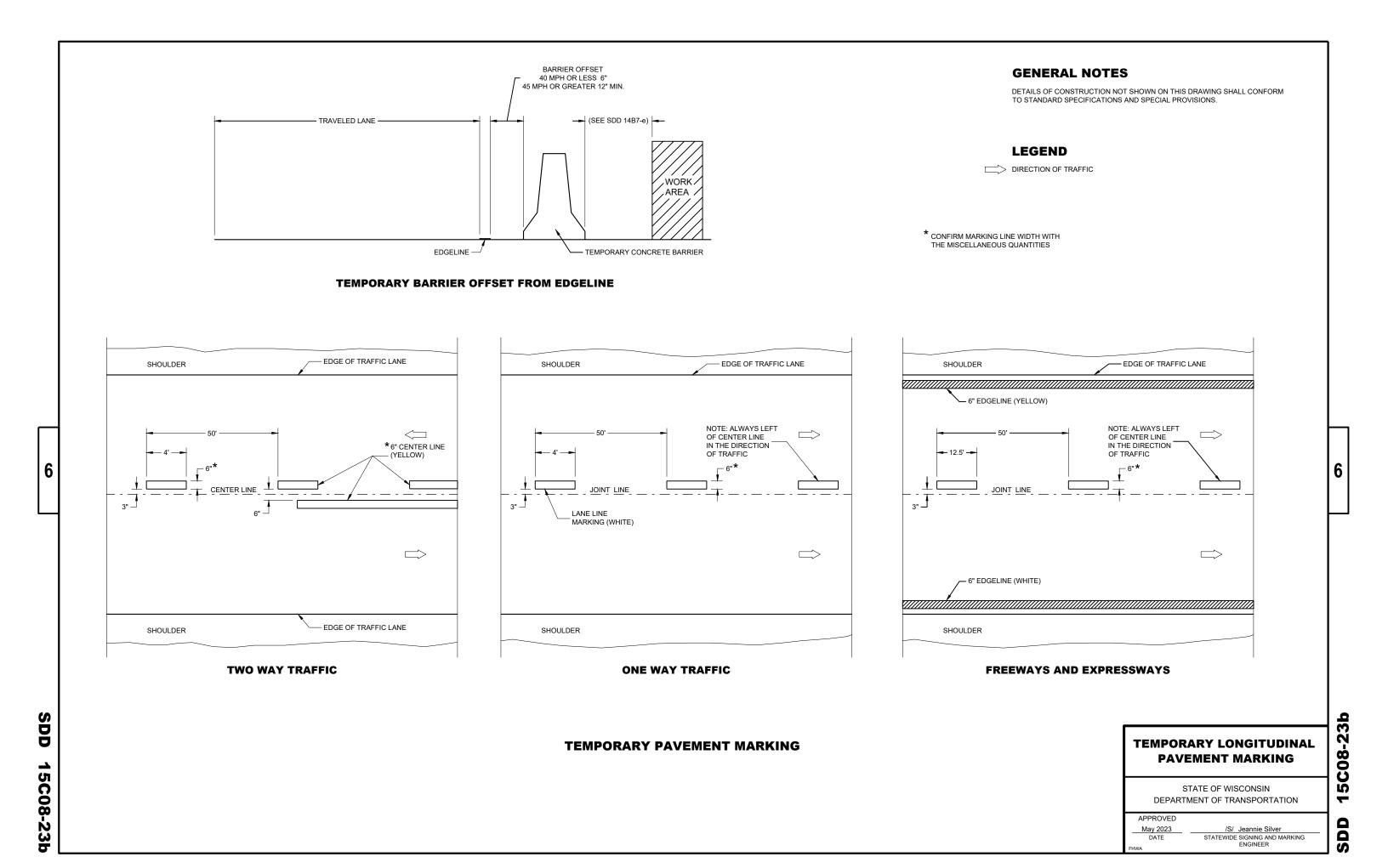
May 2023

DATE

C08-2 5

SD

/S/ Jeannie Silver
STATEWIDE SIGNING AND MARKING
ENGINEER



STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

RUMBLE

STRIPS

ROAD

WORK

#### **GENERAL NOTES FLAGGING LEGEND** FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON SIGN ON PORTABLE OR PERMANENT SUPPORT UNIFORM TRAFFIC CONTROL DEVICES. PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING. ① FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. 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. (2) 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 FLAGGER, EQUIPPED WITH STOP/SLOW ③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT PADDLE FASTENED ON SUPPORT STAFF THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM 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 SPACING "A" SPEED LIMIT 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 350' STOP/SLOW PADDLE ŔUMBLĖ 45-55 MPH 500' WO3-4 WORK **ON SUPPORT STAFF** ROAD STRIPS 1 VARIABLE DISTANCE - 200' - 300' (TYP.) END ROAD WORK |||3 WORK AREA A/2 END ROAD WORK 200' - 300' (TYP.) VARIABLE DISTANCE

#### TRAFFIC CONTROL FOR LANE CLOSURE WITH **FLAGGING OPERATION**

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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

/S/ Andrew Heidtke
WORK ZONE ENGINEER

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**0-6** 

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S

 $\boldsymbol{\mathsf{T}}$ 

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

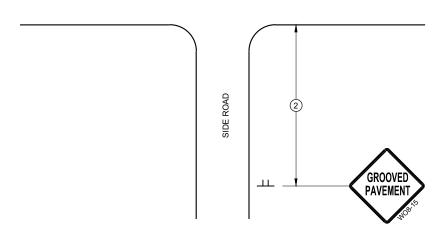
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE

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

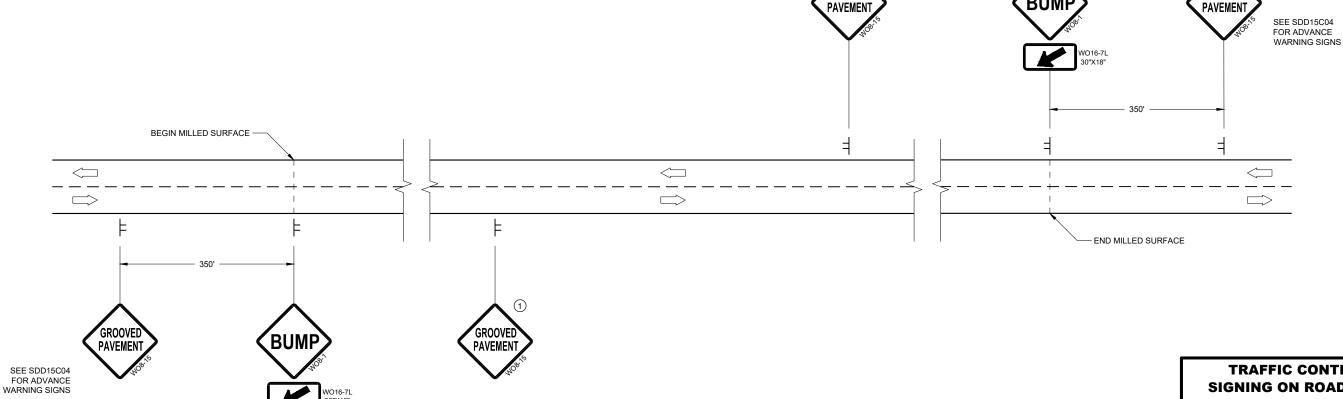
SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

- (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



#### **TYPICAL SIDE ROAD APPROACH SIGN DETAIL**

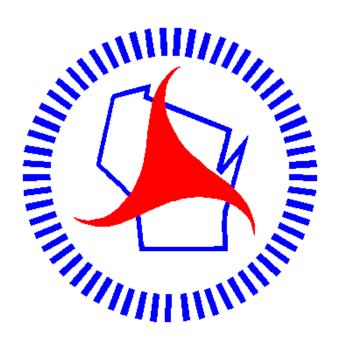


#### **DETAIL FOR SIGNING ON MILLED SURFACES**

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

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION Ò D

APPROVED February 2020 DATE /S/ Andrew Heidtke WORK ZONE ENGINEER Notes



# Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

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