PROJECT ID: WITH: N/A 001-10-82

COUNTY:

DAN

フ

OCK

C

**OUN** 

\_

MAD

Section No. Title 1 Section No. 2 Typical Sections and Details Section No. 3 Miscellaneous Quantities Section No. Standard Detail Drawing 6

Computer Earth

TOTAL SHEETS = 34

APRIL 2022

# STATE OF WISCONSIN **DEPARTMENT OF TRANSPORTATION**

PLAN OF PROPOSED IMPROVEMENT

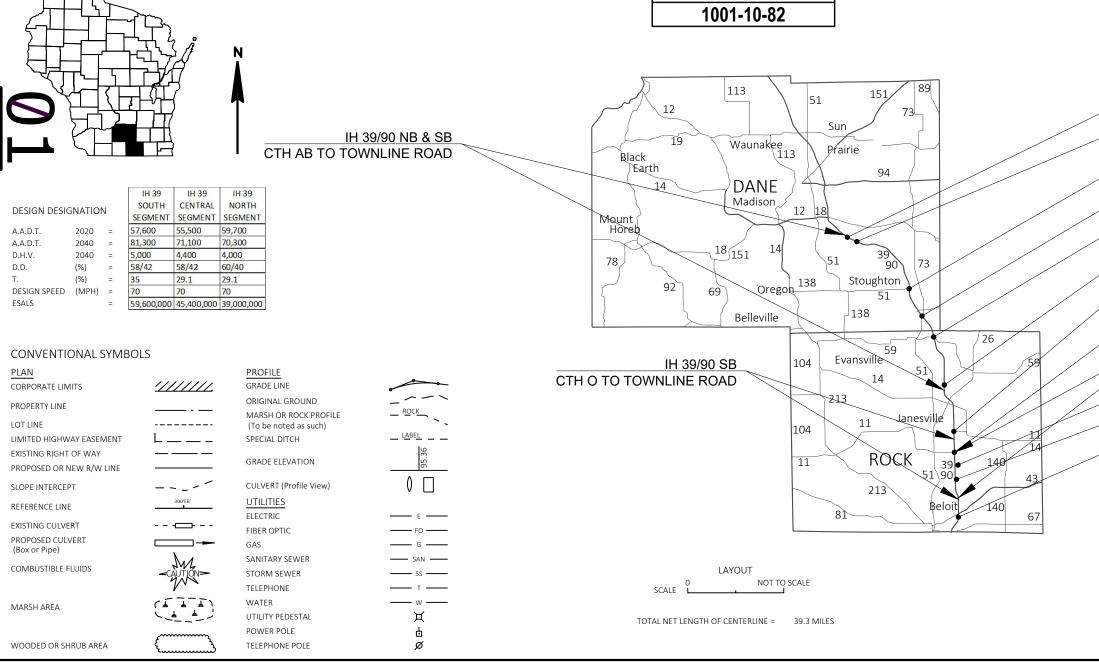
# **ILLINOIS STATE LINE - MADISON**

PAVEMENT MARKINGS CORRIDOR WIDE

IH 39/90

## **DANE / ROCK COUNTY**

STATE PROJECT NUMBER 1001-10-82



FILE NAME : N:\PDS\C3D\10011001\SHEETSPLAN\010101-TI.DWG

STATE PROJECT	FEDERAL PROJECT					
STATE PROJECT	PROJECT	CONTRACT				
1001-10-82	WISC 2022281	1				

_	IH 39/90 & MAD	SON SWEF					
	IH 39/90 & CTH	N INTERCHAN	IGE				
	IH 39/90 & USH	1 51 NORTH IN	TERCHANGE				
	IH 39/90 & STH	73 INTERCHA	NGE				
	IH 39/90 & STH	59 INTERCHA	NGE				
/	IH 39/90 & RES	T AREA 17					
/	IH 39/90 & STH		<u> FRACINE ST</u>				
, 	IH 39/90 & STH INTERCHANGE		LON RD				
	IH 39/90 NB HART ROAD TO AVALON ROAD						
	IH 39/90 & BEL						
	IH 39/90 & CTH		<u>IGE</u>				
	IH 39/90 & RES	1 AREA 22					
			OF WISCONSIN OF TRANSPORTATION				
		PREPARED BY Surveyor Designer Project Manager Regional Examiner Regional Supervisor	N/A JAROD ARENSDORF JOSH KOEBERNICK CHAD SCHROEDER				
		APPROVED FOR THE DEPARTN	Chaodh				
			(Signature)				

#### GENERAL NOTES

ALL EXISTING PAVEMENT MARKINGS SHALL BE CLEAN OF DEBRIS, SALT, AND DIRT PRIOR TO APPLICATION OF NEW MARKINGS

REMARK ONLY AREAS NOTED ON DETAIL SHEETS AND ON MISCELLANEOUS QUANTITY TABLES. DO NOT REMOVE/REPLACE HIGH CONTRAST TAPE 4-INCH WHITE SKIPS OR EPOXY AERIAL ENFORCEMENT BARS ON MAINLINE I-39/90.

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

#### REGION PAVEMENT MARKING COORDINATOR / WISCONSIN LANE CLOSURE SYSTEM CONTACT

SW REGION

MADISON JEFF HALLOWAY 608-516-6437 jeffrey.halloway@dot.wi.gov



JOSHUA KOEBERNICK, P.E. 2101 WRIGHT ST. MADISON, WI 53704 (608) 246-3859 joshua.koebernick@dot.wi.gov

CHAD SCHROEDER. P.E. 2101 WRIGHT ST. MADISON, WI 53704 (608)246-7935 chada.schroeder@dot.wi.gov

DNR SPILL HOTLINE (24 - hour) Wisconsin Department of Natural Resources Toll-Free: 1-800-943-0003

PROJECT NO: 1001-10-82	HWY: 139/90	COUNTY: DANE/ROCK	GENERAL NOTES	

2

PROJECT MANAGER (WISDOT)

PROJECT LEADER (WISDOT) JAROD ARENSDORF, TRANS. SPEC. 2101 WRIGHT ST. MADISON, WI 53704 (608) 246-3240 jarod.arensdorf@dot.wi.gov

PROJECT SUPERVISOR (WISDOT)

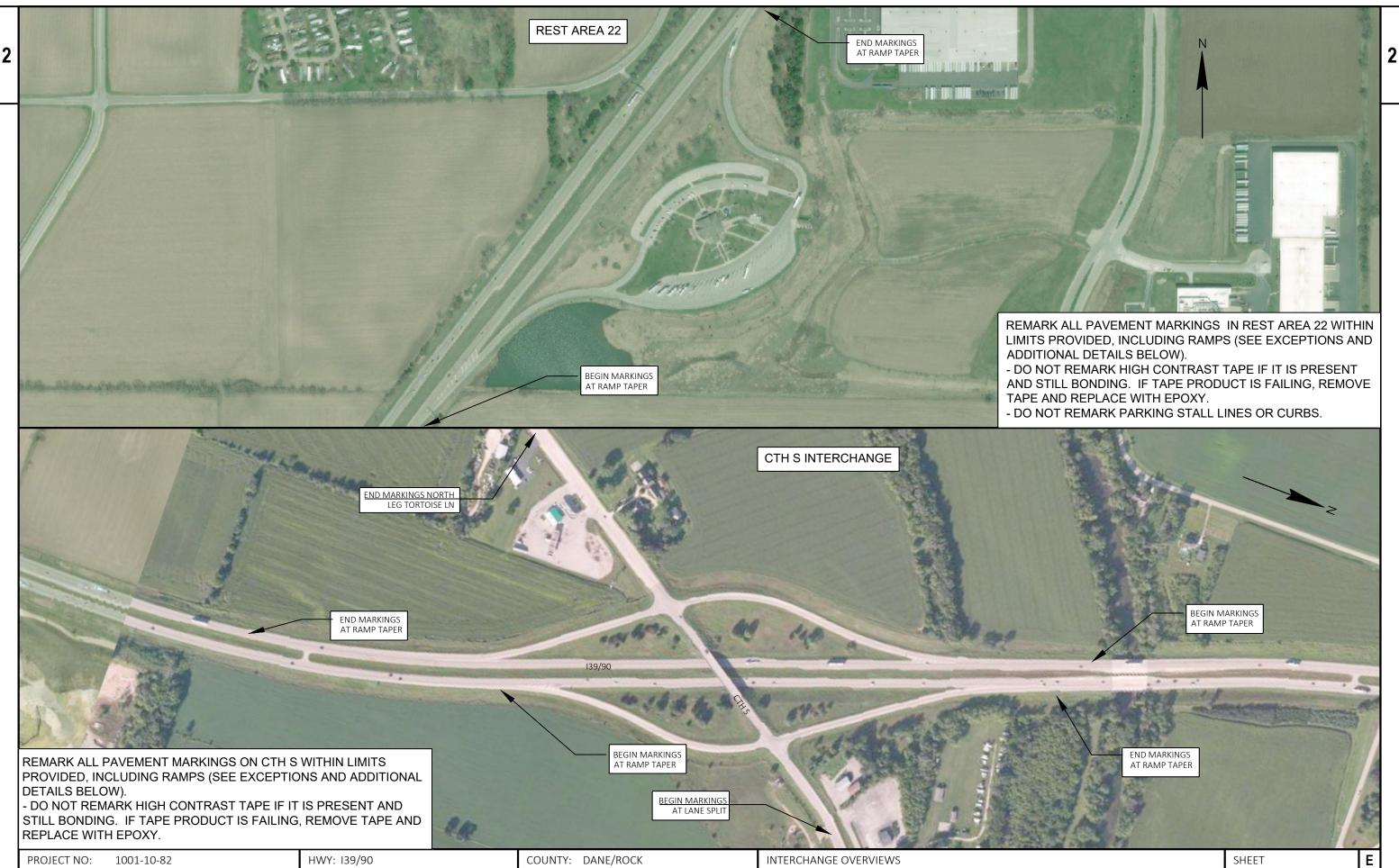
SHELLEY NELSON 3911 FISH HATCHERY ROAD FITCHBURG, WI 53711 (608) 444-2835 shelley.nelson@wisconsin.gov

WI DNR LIASON

SHEET:

PLOT SCALE : 1:1

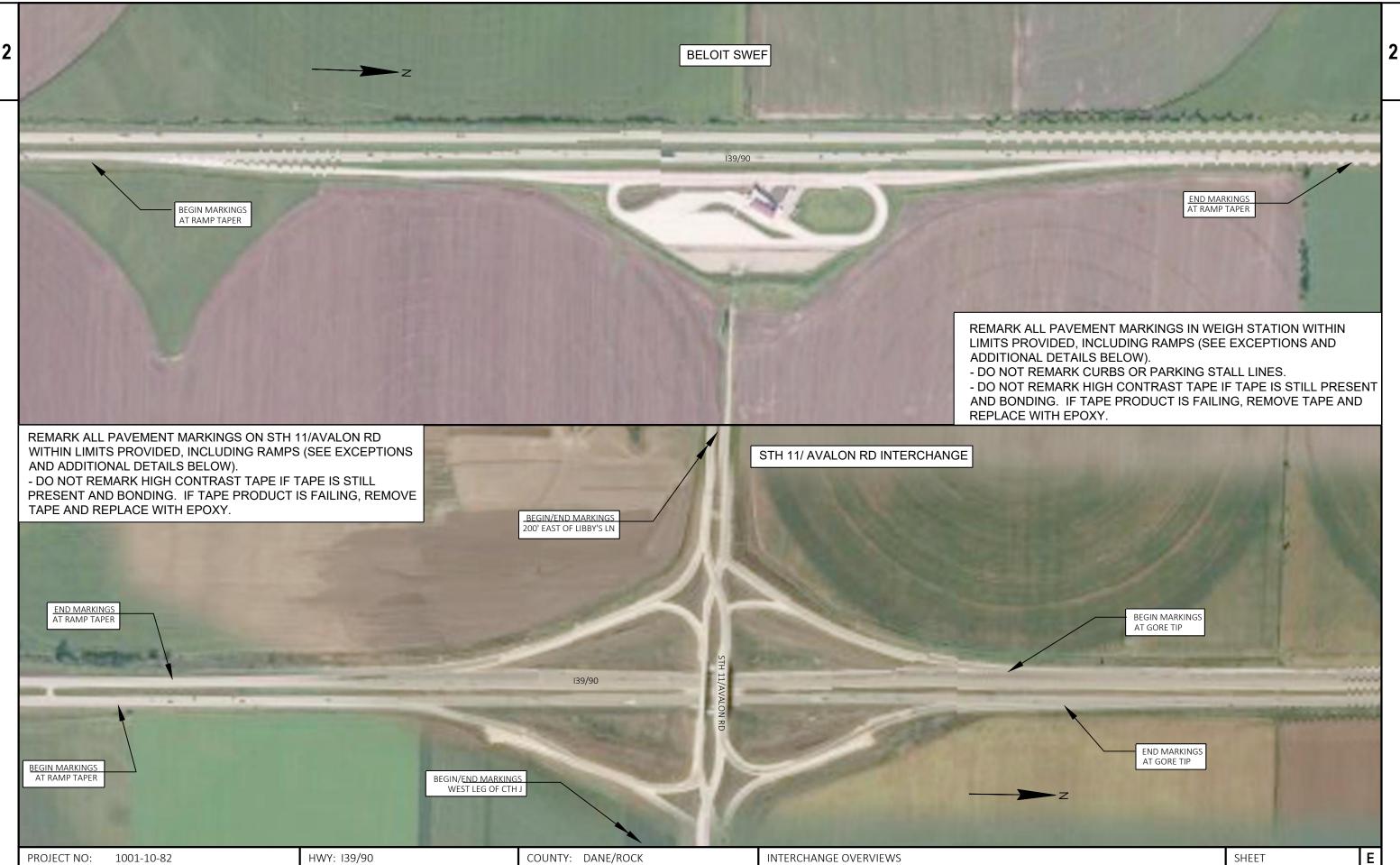
2



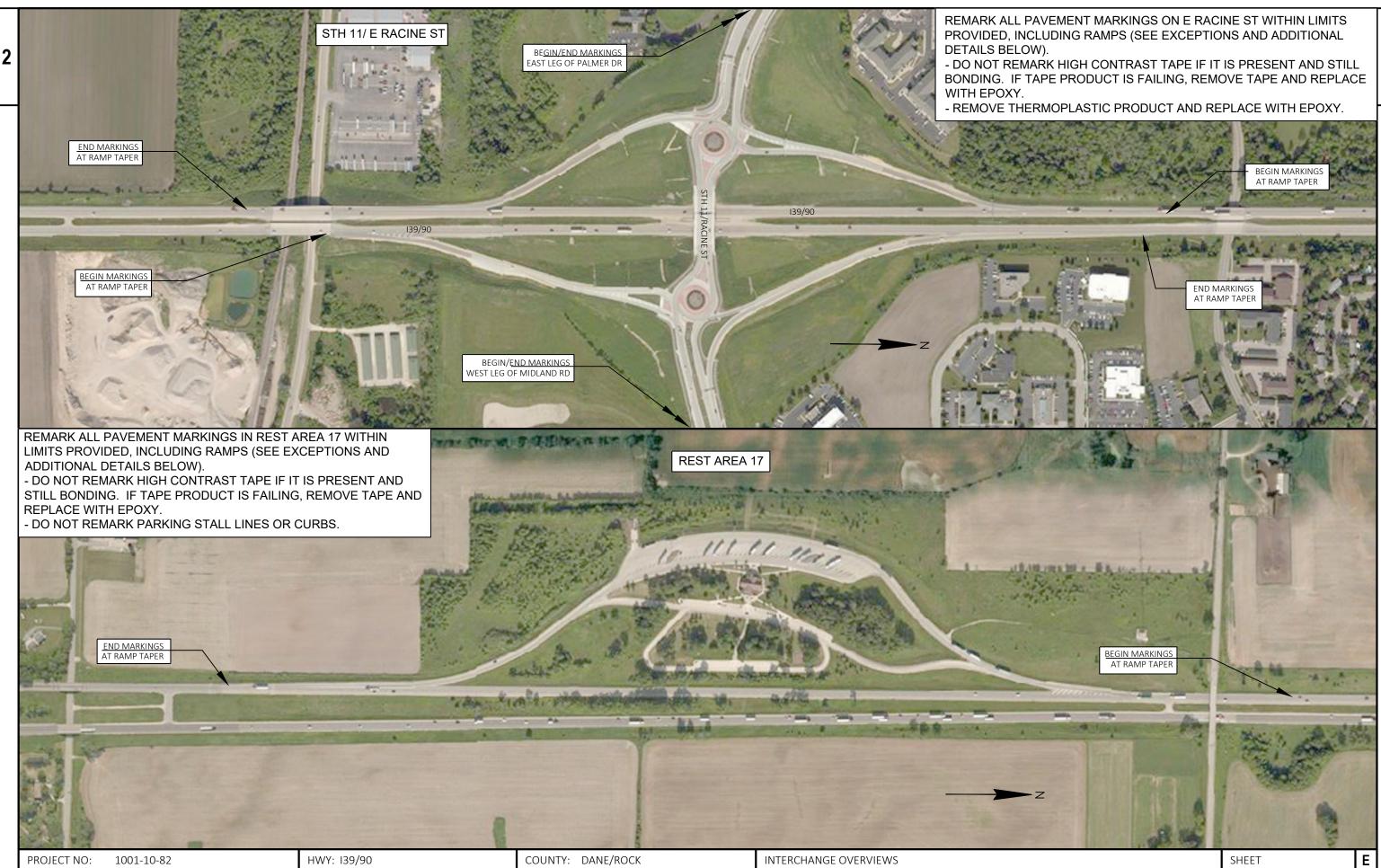
ARENSDORF, JAROD P PLOT DATE : 12/10/2021 4:51 PM PLOT BY :

PLOT NAME

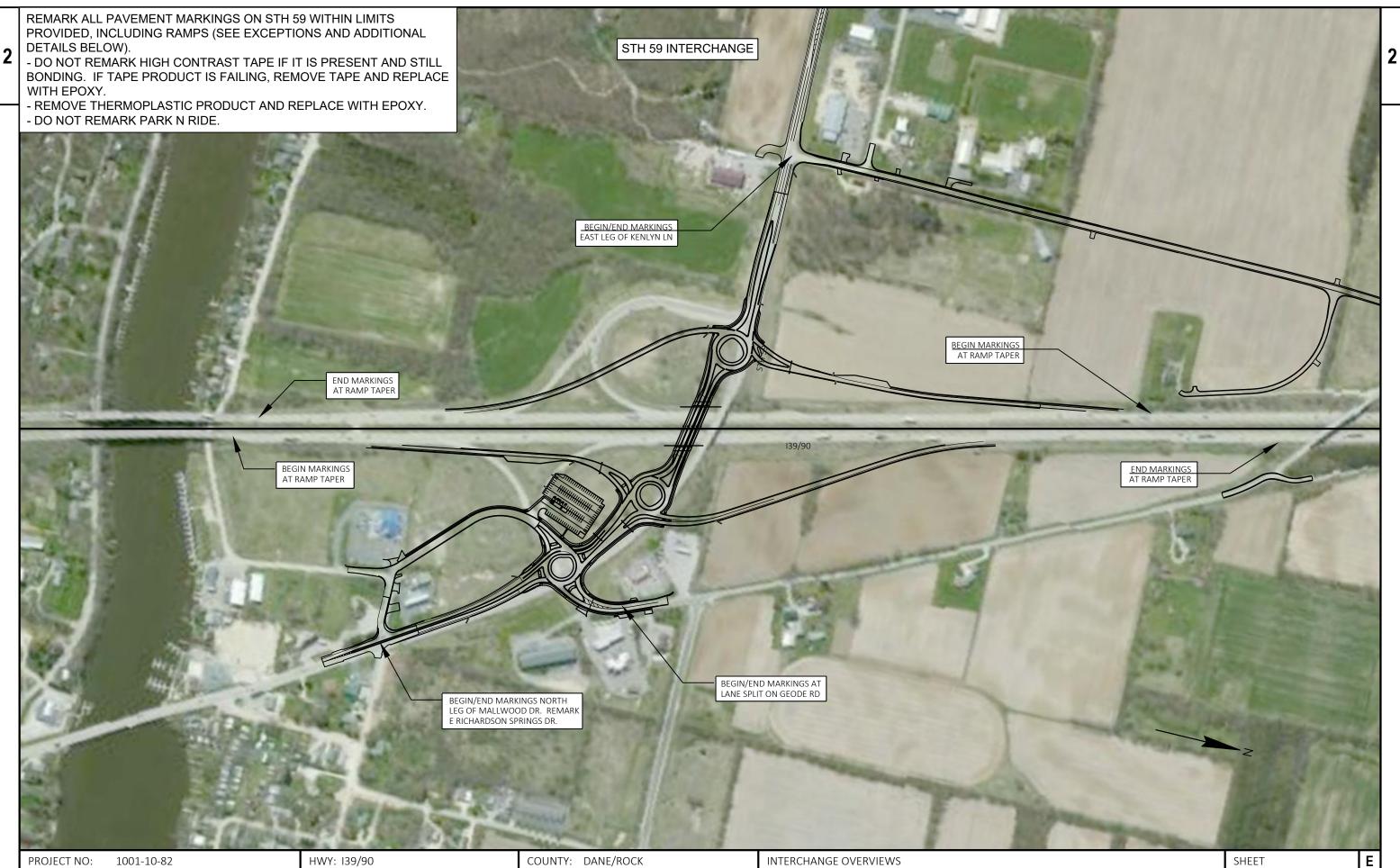
WISDOT/CADDS SHEET 44



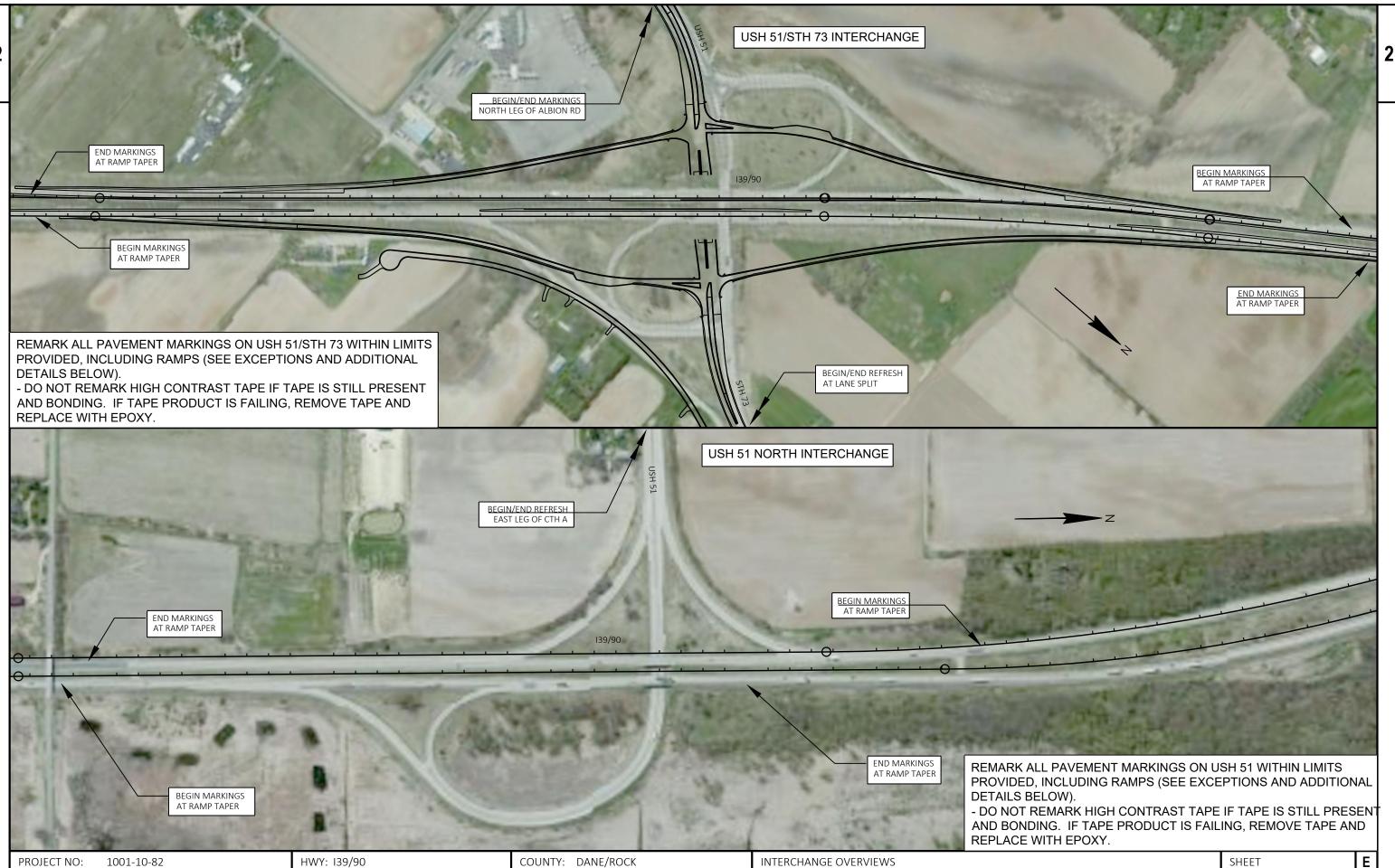
PLOT BY :



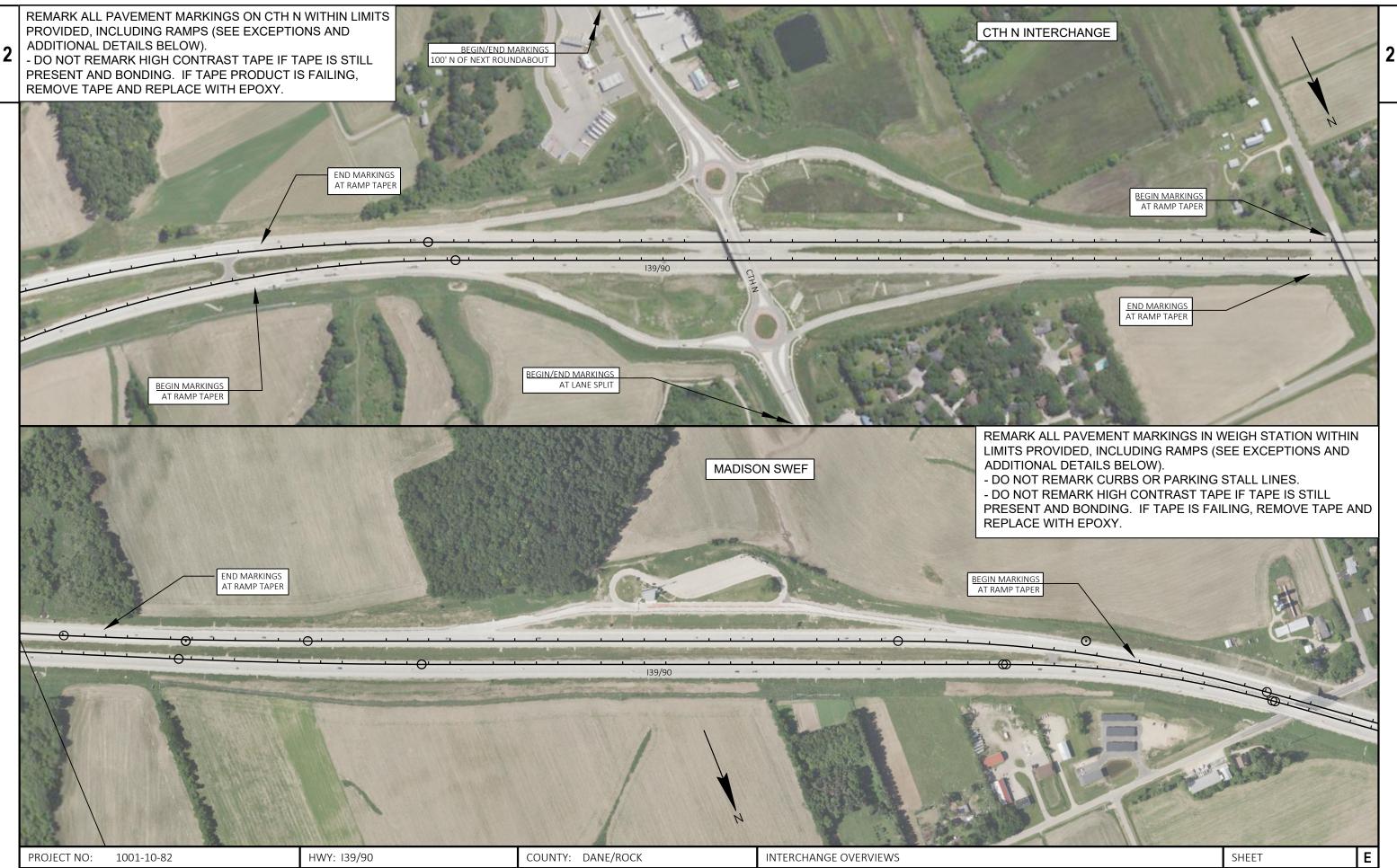
PLOT NAME



PLOT NAME :

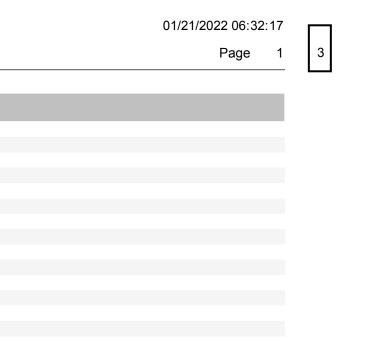


PLOT NAME :



PLOT NAME

				Estimate Of	Quantities	
					1001-10-82	
Line	Item	Item Description	Unit	Total	Qty	
0002	213.0100	Finishing Roadway (project) 01. 1001-10-82	EACH	1.000	1.000	
0004	619.1000	Mobilization	EACH	1.000	1.000	
0006	646.1020	Marking Line Epoxy 4-Inch	LF	237,922.000	237,922.000	
8000	646.1041.S	Marking Replace Line Wet Reflective Epoxy 4-Inch	LF	628,180.000	628,180.000	
0010	646.3020	Marking Line Epoxy 8-Inch	LF	22,270.000	22,270.000	
0012	646.5020	Marking Arrow Epoxy	EACH	166.000	166.000	
0014	646.5120	Marking Word Epoxy	EACH	79.000	79.000	
0016	646.6120	Marking Stop Line Epoxy 18-Inch	LF	784.000	784.000	
0018	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	1,364.000	1,364.000	
0020	646.7120	Marking Diagonal Epoxy 12-Inch	LF	3,487.000	3,487.000	
0022	646.7220	Marking Chevron Epoxy 24-Inch	LF	1,959.000	1,959.000	
0024	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	2,396.000	2,396.000	
0026	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	976.000	976.000	
0028	646.9110	Marking Removal Line Water Blasting 8-Inch	LF	2,395.000	2,395.000	
0030	646.9155	Marking Removal Line Grooved Contrast Permanent Tape 8-Inch	LF	1,000.000	1,000.000	
0032	646.9210	Marking Removal Line Water Blasting Wide	LF	916.000	916.000	
0034	646.9310	Marking Removal Special Marking Water Blasting	EACH	85.000	85.000	
0036	SPV.0060	Special 01. Traffic Control	EACH	1.000	1.000	



<u>646 - PAVEMENT MARKING</u>

				MARKI	.1020 ING LINE Y 4-INCH	646.10 MARKING I LINE V REFLECTIV 4-IN	REPLACE WET 'E EPOXY	MARKI	.3020 NG LINE ′8-INCH		MA		.5020 RROW EP	٬ΟХΥ
	LOCATION (FROM)	O LOCATION (TO)	DIRECTION	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	TYPE 1 EACH		TYPE 2R EACH	TYPE 3 EACH	TYPE 3 EACH
	HART RD MM 183.6	- AVALON RD MM 177.4	NORTHBOUND 139/90	-	-	26,686	32,736	-	-	-	-	-	-	-
	TOWNLINE RD MM 168.4	- CTH AB MM 144.2	NORTHBOUND 139/90	-	-	116,476	127,776	-	-	-	-	-	-	-
	RES⊤AREA 22	- OFFRAMP/ONRAMP	NORTHBOUND 139/90	1,320	270	-	-	-	-	-	-	-	-	-
	EXIT 183 - CTH S/SHOPIERE RD	- OFFRAMP	NORTHBOUND 139/90	2,650	1,400	-	-	110	-	-	-	-	-	-
	EXIT 183 - CTH S/SHOPIERE RD	- ONRAMP	NORTHBOUND 139/90	2,300	1,100	=	-	427	-	-	2	-	-	-
	BELOITSWEF	- OFFRAMP/ONRAMP	NORTHBOUND 139/90	8,480	9,800	-	-	2034	1788	-	-	-	-	-
	EXIT 177 - STH 11 W/AVALON RD	- OFFRAMP	NORTHBOUND 139/90	2,870	1,700	-	-	200	-	-	4	-	-	-
	EXIT 177 - STH 11 W/AVALON RD	- ONRAMP	NORTHBOUND 139/90	4,000	1,600	-	-	617	-	-	2	-	-	-
		- OFFRAMP	NORTHBOUND 139/90	1,875	1,000	-	-	-	-	-	2	2	2	1
	EXIT 175 - E RACINE ST/STH 11 E	- ONRAMP	NORTHBOUND 139/90	2,800	1,075	-	-	-	-	-	2	-	-	-
	EXIT 163 - STH 59	- OFFRAMP	NORTHBOUND 139/90	1,050	560	-	-	122	-	-	2	-	-	2
	EXIT 163 - STH 59	- ONRAMP	NORTHBOUND 139/90	2,900	1,270	-	-	487	-	-	2	-	-	-
	EXIT 160 - USH 51 S/STH 73	- OFFRAMP	NORTHBOUND 139/90	2,860	1,400	-	-	_	-	-	_	_	_	_
	EXIT 160 - USH 51 S/STH 73	- ONRAMP	NORTHBOUND 139/90	2,835	1,450	-	_	_	_	_	2	-	_	_
	EXIT 156 - USH 51 N	- OFFRAMP	NORTHBOUND 139/90	4,750	4,180	-	-	107			1	_	_	
	EXIT 156 - USH 51 N	- ONRAMP	NORTHBOUND 139/90	4,600	3,825	_	_	192	_	_	-	_	_	_
	EXIT 147 - CTH N	- OFFRAMP	NORTHBOUND 139/90	2,240	1,200	-	-	210	-	-	- ว	_	_	1
	EXIT 147 - CTH N	- ONRAMP	NORTHBOUND 139/90	2,240		-	-	50			1		-	T
			SOUTHBOUND 139/90		1,125	- 112,776	- 1 7 7 7 6		-	-	T	-	-	-
	CTH AB MM 144.2		•	-	-			-	-	-	-	-	-	
	CTH O MM 175.2	<ul><li>HART RD MM 183.6</li><li>OFFRAMP/ONRAMP</li></ul>	SOUTHBOUND 139/90	- 8,480	- 3,900		44,352	- 1,342	820	-	-	-	-	-
	MADISON SWEF		SOUTHBOUND 139/90			-	-			-	-	-	-	-
	EXIT 147 - CTH N	- OFFRAMP	SOUTHBOUND 139/90	2,400	1,250	-	-	550	-	1	Z	-	-	1
	EXIT 147 - CTH N	- ONRAMP	SOUTHBOUND 139/90	3,100	1,200	-	-	55	-	=	-	-	-	=
	EXIT 156 - USH 51 N	- OFFRAMP	SOUTHBOUND 139/90	3,000	1,050	-	-	112	-	-	-	-	-	-
		- ONRAMP	SOUTHBOUND 139/90	3,400	950	-	-	-	-	-	-	-	-	-
	EXIT 160 - USH 51 S/STH 73	- OFFRAMP	SOUTHBOUND 139/90	2,750	1,550	-	-	-	-	-	-	-	-	-
	EXIT 160 - USH 51 S/STH 73	- ONRAMP	SOUTHBOUND 139/90	2,650	1,350	-	-	-	-	-	2	-	-	-
	EXIT 163 - STH 59	- OFFRAMP	SOUTHBOUND 139/90	1,400	975	-	-	126	-	-	2	-	-	2
	EXIT 163 - STH 59	- ONRAMP	SOUTHBOUND 139/90	2,410	1,020	-	-	20	-	-	-	-	-	-
	RES⊤AREA 17	- OFFRAMP/ONRAMP	SOUTHBOUND 139/90	4,800	3,300	-	-	-	-	-	-	-	-	-
	EXIT 175 - E RACINE ST/STH 11 E	- OFFRAMP	SOUTHBOUND 139/90	2,100	1,900	-	-	-	-	-	2	1	-	2
	EXIT 175 - E RACINE ST/STH 11 E	- ONRAMP	SOUTHBOUND 139/90	2,150	900	-	-	-	-	-	1	-	-	-
	EXIT 177 - STH 11 W/AVALON RD	- OFFRAMP	SOUTHBOUND 139/90	2,200	1,600	-	-	658	-	-	6	-	-	-
	EXIT 177 - STH 11 W/AVALON RD	- ONRAMP	SOUTHBOUND 139/90	2,700	1,400	-	-	920	-	-	2	-	-	-
	EXIT 183 - CTH S/SHOPIERE RD	- OFFRAMP	SOUTHBOUND 139/90	2,600	1,900	-	-	90	-	-	-	-	-	-
	EXIT 183 - CTH S/SHOPIERE RD	- ONRAMP	SOUTHBOUND 139/90	2,000	800	-	-	550	-	-	2	-	-	-
	NORTH END LANE SPLIT	- START OF 3RD RAB	CTH N OVERPASS	4,030	5,609	-	-	1,938	-	13	2	4	9	2
	NORTH END LANE SPLIT	- ALBION RD	STH 73 OVERPASS	5,780	6,110	-	-	1,068	-	-	8	-	-	-
	KENLYN LN	- MALLWOOD DR	STH 59 OVERPASS	3,730	9,387	-	-	1,783	-	4	5	-	4	1
	PALMER DR	- MIDLAND RD	E RACINE ST OVERPASS	5,248	7,064	-	-	962	-	14	18	-	6	4
	START OF RIGHT TURN LANE TO 139 SB	- CTH J	AVALON RD OVERPASS	8,698	10,205	-	_	680	-	8	-	-	-	-
	TORTOISE LN	- EAST END LANE SPLIT	CTH S OVERPASS	7,995	7,396	-	-	3,252	-	-	6	-	-	-
	<b>PROJECT WIDE</b>		-	-	-	-	-	1,000	-	-	-	-	-	-
			SUBTOTALS	134,151	L 103,771	295,540	332,640	19,662	2,608	40	80	7	21	16
			TOTAL 0010	237	7,922	628,1	180	22	,270			1	66	
					,	020,1	-		,				-	
PROJECT NO: 1001-10-82	HWY: 139/90	)	COUNTY: DANE	/ROCK			MISCE	ELLANEC	US QUAI	NTITIES				

FILE NAME : N:\PDS\C3D\10011001\SHEETSPLAN\030201-MQ.DWG LAYOUT NAME - 01

PLOT DATE : 12/14/2021 2:39 PM PLOT BY

PLOT BY : ARENSDORF, JAROD P PLOT NAME :

TYPE 3R		
EACH	EACH	REMARKS
_	_	-
_	_	_
_	_	NO PARKING STALLS
-	_	-
-	-	_
-	-	NO PARKING STALLS
-	-	-
-	-	-
1	-	-
-	-	-
2	-	-
-	2	-
-	-	-
-	-	-
-	-	-
-	-	-
1	-	-
-	-	-
-	-	-
_	_	NO PARKING STALLS
1	_	-
-	-	_
_	-	-
-	-	-
-	-	-
-	-	-
2	-	-
-	-	-
-	-	NO PARKING STALLS
2	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
2	-	-
- 1	-	-
4	-	
-	_	-
_	_	_
-	-	UNDISTRIBUTED
16	2	

3

PLOT SCALE : 1" = 1'

SHEET

#### 646 - PAVEMENT MARKING

646.5120	646.6120	646.6320	646.7120	646.7220	646.7420
MARKING WORD EPOXY	MARKING STOP LINE EPOXY 18- INCH	MARKING DOTTED EXTENSION EPOXY 18-INCH	MARKING DIAGONAL EPOXY 12-INCH	MARKING CHEVRON EPOXY 24-INCH	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

			B 1955-1511			. –			. –	
	LOCATION (FROM) T	O LOCATION (TO)	DIRECTION	EACH	LF	LF	LF	LF	LF	REMARKS
	HART RD MM 183.6	- AVALON RD MM 177.4	NORTHBOUND 139/90							_
	TOWNLINE RD MM 168.4	- CTH AB MM 144.2	NORTHBOUND 139/90	-	-	-	-	-	-	-
	REST AREA 22	- OFFRAMP/ONRAMP	NORTHBOUND 139/90	-	- 16	-	- 1080	-	490	- NO PARKING STALLS
				-	46	-	1080	-	490	NO PARKING STALLS
		- OFFRAMP	NORTHBOUND 139/90	- 1		-	-	-	-	-
		- ONRAMP	NORTHBOUND 139/90	1	-	-	-	-	-	
	BELOIT SWEF	- OFFRAMP/ONRAMP	NORTHBOUND 139/90	-	28	-	-	341	120	NO PARKING STALLS
	EXIT 177 - STH 11 W/AVALON RD	- OFFRAMP	NORTHBOUND 139/90	2	38	-	182	-	-	-
	EXIT 177 - STH 11 W/AVALON RD	- ONRAMP	NORTHBOUND 139/90	1	-	-	-	-	-	-
	Exit 178 Enviolnteon/ontifie	- OFFRAMP	NORTHBOUND 139/90	3	-	88	-	249	108	-
		- ONRAMP	NORTHBOUND 139/90	1	-	-	-	-	-	-
	2001 200 011105	- OFFRAMP	NORTHBOUND 139/90	3	-	110	-	-	72	-
		- ONRAMP	NORTHBOUND 139/90	-	-	-	-	-	68	-
	,	- OFFRAMP	NORTHBOUND 139/90	-	16	-	-	-	-	-
		- ONRAMP	NORTHBOUND 139/90	1	-	-	-	-	-	-
		- OFFRAMP	NORTHBOUND 139/90	1	-	-	-	-	-	-
	2001200 00010110	- ONRAMP	NORTHBOUND 139/90	-	-	-	-	-	-	-
	EXIT 147 - CTH N	- OFFRAMP	NORTHBOUND 139/90	3	-	94	-	-	72	-
	EXIT 147 - CTH N	- ONRAMP	NORTHBOUND 139/90	1	-	40	-	-	82	-
		- TOWNLINE RD MM 168.4	SOUTHBOUND 139/90	-	-	-	-	-	-	-
	CTH O MM 175.2	- HART RD MM 183.6	SOUTHBOUND 139/90	-	-	-	-	-	-	-
	MADISON SWEF	- OFFRAMP/ONRAMP	SOUTHBOUND 139/90	-	15	-	-	109	-	NO PARKING STALLS
	Barrin, outra	- OFFRAMP	SOUTHBOUND 139/90	2	-	46	-	-	102	-
		- ONRAMP	SOUTHBOUND 139/90	1	-	54	-	-	64	-
		- OFFRAMP	SOUTHBOUND 139/90	-	-	-	-	-	-	-
		- ONRAMP	SOUTHBOUND 139/90	-	-	-	-	84	-	-
	,,	- OFFRAMP	SOUTHBOUND 139/90	-	15	-	-	-	-	-
	2.411200 0011010/011170	- ONRAMP	SOUTHBOUND 139/90	1	-	-	-	-	-	-
	EXIT 163 - STH 59	- OFFRAMP	SOUTHBOUND 139/90	3	-	110	-	-	72	-
	EXIT 163 - STH 59	- ONRAMP	SOUTHBOUND 139/90	-	-	-	-	-	36	-
	REST AREA 17	- OFFRAMP/ONRAMP	SOUTHBOUND 139/90	-	-	-	-	-	-	NO PARKING STALLS
		- OFFRAMP	SOUTHBOUND 139/90	3	-	82	-	259	116	-
	EXIT 175 - E RACINE ST/STH 11 E	- ONRAMP	SOUTHBOUND 139/90	-	-	-	-	-	66	-
	EXIT 177 - STH 11 W/AVALON RD	- OFFRAMP	SOUTHBOUND 139/90	3	76	-	-	185	-	-
	EXIT 177 - STH 11 W/AVALON RD	- ONRAMP	SOUTHBOUND 139/90	1	-	-	-	-	-	-
	EXIT 183 - CTH S/SHOPIERE RD	- OFFRAMP	SOUTHBOUND 139/90	-	26	-	-	-	-	-
	EXIT 183 - CTH S/SHOPIERE RD	- ONRAMP	SOUTHBOUND 139/90	1	-	-	-	-	-	-
	NORTH END LANE SPLIT	- START OF 3RD RAB	CTH N OVERPASS	18	-	192	-	217	192	-
		- ALBION RD	STH 73 OVERPASS	3	184	-	228	-	-	-
	KENLYN LN	- MALLWOOD DR	STH 59 OVERPASS	8	-	374	214	-	332	-
		- MIDLAND RD	E RACINE S⊤ OVERPASS	15	108	174	198	180	404	-
	START OF RIGHT TURN LANE TO 139 SB	- CTH J	AVALON RD OVERPASS	-	216	-	1,038	-	-	-
	TORTOISE LN	- EAST END LANE SPLIT	CTH S OVERPASS	3	-	-	547	335	-	-
	PROJECT WIDE		-	-	-	-	-	-	-	UNDISTRIBUTED
			SUBTOTALS							
			TOTAL 0010	79	784	1,364	3,487	1,959	2,396	
						·	,	,		
CT NO: 1001-10-82	HWY: 139/90		COUNTY: DANE/ROCH	<		MISCELLANEO	OUS QUANTITIE	S		

3

PLOT BY : ARENSDORF, JAROD P PLOT DATE : 12/14/2021 2:39 PM

PLOT NAME :

3

PLOT SCALE : 1" = 1'

#### <u>646 - REMOVAL</u>

			646.9010	646.9110	646.9155	646.9210				646.9310		
			MARKING REMOVAL LINE WATER BLASTING 4-INCH	MARKING REMOVAL LINE WATER BLASTING 8-INCH	MARKING REMOVAL LINE GROOVED CONTRAST PERMANENT TAPE 8-INCH	MARKING REMOVAL LINE WATER BLASTING WIDE	MAF	RKING REN	/IOVAL SPE	CIAL MAR	KING WAT	TER BLASTIN
							TYPE 1	TYPE 2	TYPE 2R	TYPE 3	TYPE 3R	TYPE 5
							ARROW	ARROW	ARROW	ARROW	ARROW	ARROW
LOCATION (FROM)	TO LOCATION (TO)	DIRECTION	LF	LF	LF	LF	EACH	EACH	EACH	EACH	EACH	EACH
EXIT 175 - E RACINE ST/STH 11 E		NORTHBOUND 139/90	110	-	-	86	-	2	2	2	1	-
EXIT 175 - E RACINE ST/STH 11 E	- ONRAMP	NORTHBOUND 139/90	86	-	-	-	-	-	-	-	-	-
EXIT 175 - E RACINE ST/STH 11 E	- OFFRAMP	SOUTHBOUND 139/90	118	-	-	77	-	2	1	1	1	-
EXIT 175 - E RACINE ST/STH 11 E	- ONRAMP	SOUTHBOUND 139/90	66	-	-	-	-	-	-	-	-	-
PALMER DR	- MIDLAND RD	E RACINE ST OVERPASS	-	1,072	-	180	14	2	-	6	4	-
EXIT 163 - STH 59	- OFFRAMP	NORTHBOUND 139/90	76	-	-	110	-	2	-	-	2	-
EXIT 163 - STH 59	- ONRAMP	NORTHBOUND 139/90	70	-	-	-	-	1	-	-	-	2
EXIT 163 - STH 59	- OFFRAMP	SOUTHBOUND 139/90	76	20	-	90	-	2	-	-	2	-
EXIT 163 - STH 59	- ONRAMP	SOUTHBOUND 139/90	38	-	-	-	-	-	-	-	-	-
KENLYN LN	- MALLWOOD DR	STH 59 OVERPASS	336	1,303	-	373	3	-	-	3	2	-
PROJECT WIDE		_	-	-	1,000	-	-	-	-	-	-	-
		SUBTOTALS					17	11	3	12	12	2
		TOTAL 0010	976	2,395	1,000	916				85		

PROJECT NO:	1001-10-82	HWY: 139/90	COUNTY:	DANE/ROCK		MISCELLANEOU	s quantities		
FILE NAME · N·\PDS\C3	3D\10011001\SHEETSPLAN\030201-MO_DWG			PLOT DATE ·	12/14/2021 2:39 PM	PLOT BY ·		PLOT NAME ·	

#### ER BLASTING

ARROW	WORD	
EACH	EACH	REMARKS
-	3	REMOVING THERMOPLASTIC
-	-	REMOVING THERMOPLASTIC
-	3	REMOVING THERMOPLASTIC
-	-	REMOVING THERMOPLASTIC
-	8	REMOVING THERMOPLASTIC
-	3	REMOVING THERMOPLASTIC
2	1	REMOVING THERMOPLASTIC
-	3	REMOVING THERMOPLASTIC
-	-	REMOVING THERMOPLASTIC
-	7	REMOVING THERMOPLASTIC
-	-	UNDISTRIBUTED

2 28

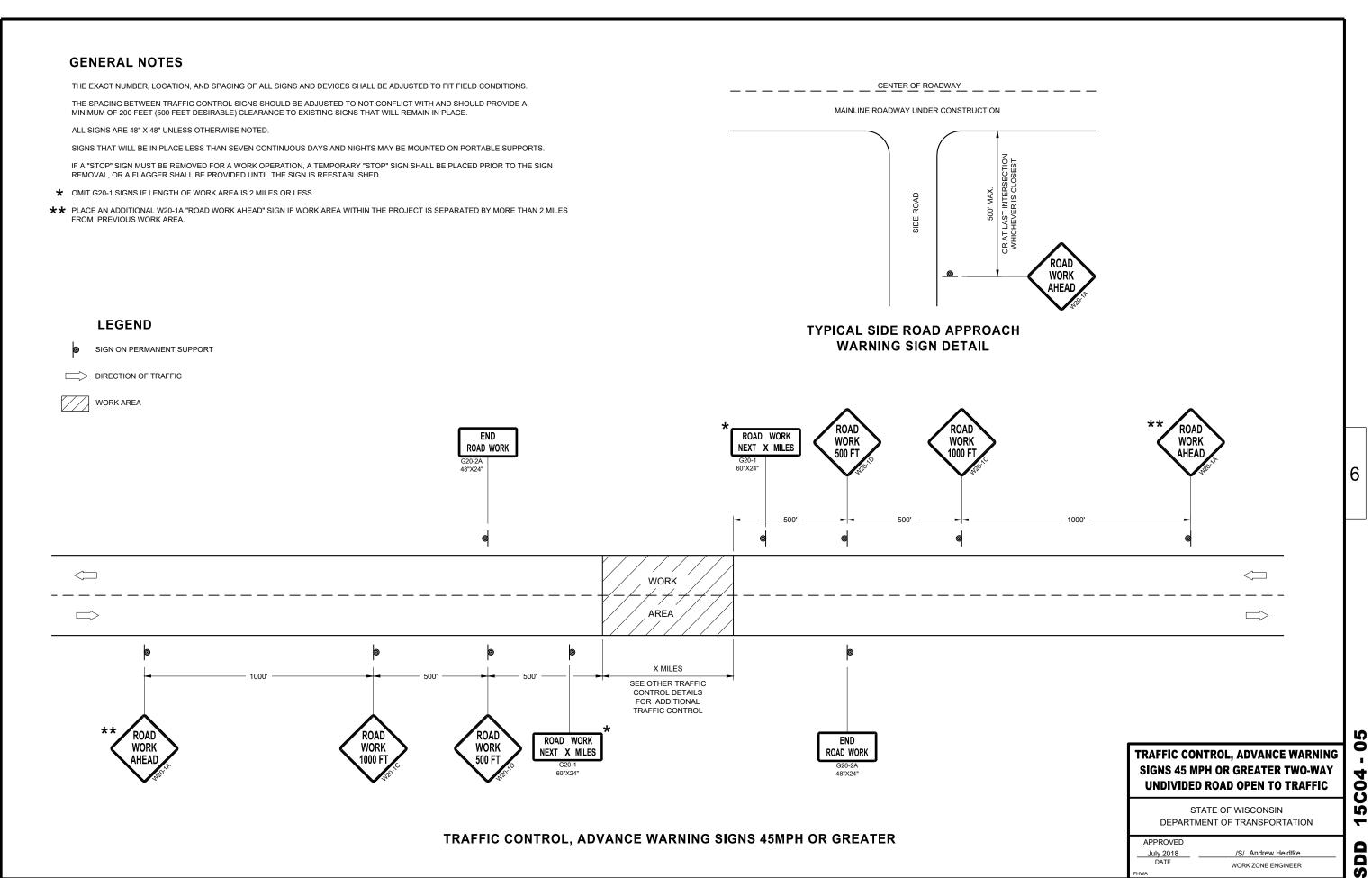
3

SHEET

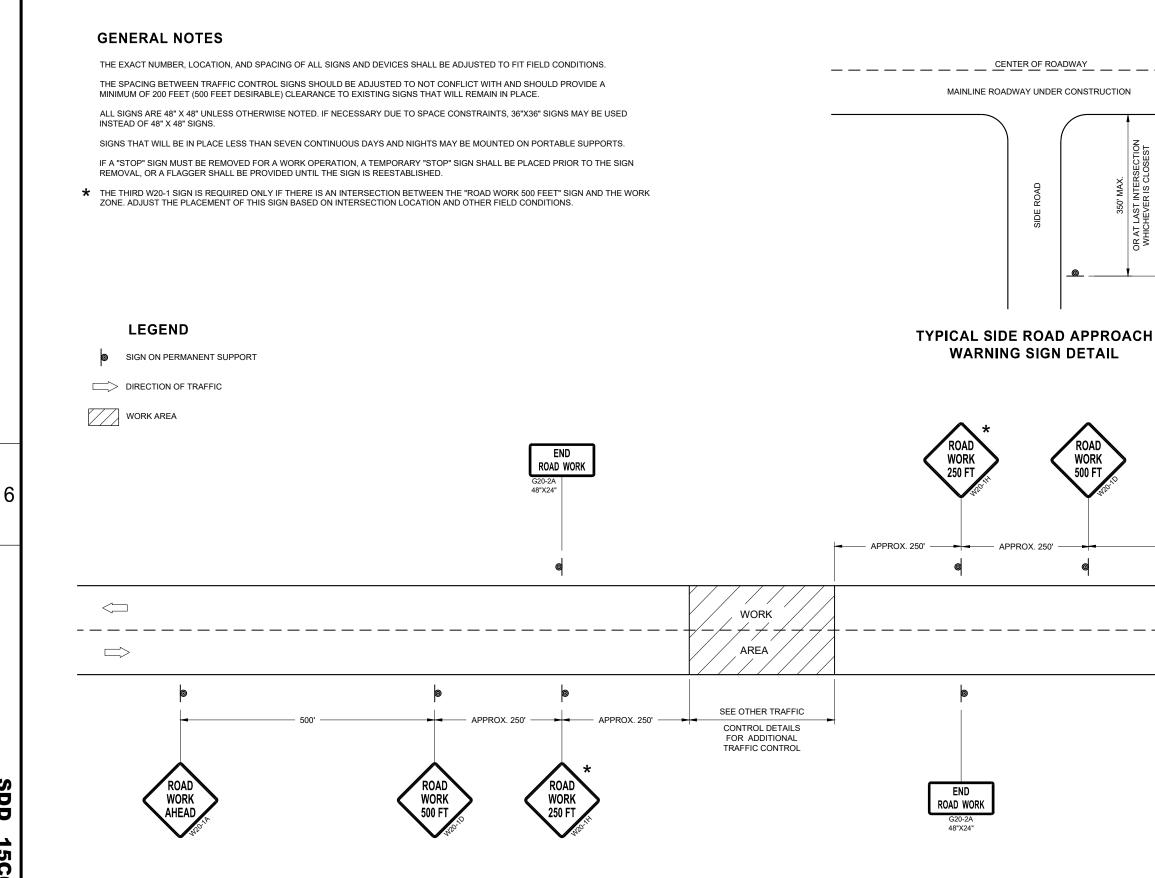
## Standard Detail Drawing List

15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-15A	PAVEMENT MARKING SYMBOLS
15С07-15В	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C07-15D	ROUNDABOUT ARROWS
15C07-15E	PAVEMENT MARKING FOR BIKE LANES
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15С08-20в	PAVEMENT MARKING (TURN LANES)
15C08-20C	PAVEMENT MARKING (TURN LANES)
15С11-09В	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C19-06A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15С19-06В	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-06C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C31-04A	PAVEMENT MARKING EXIT RAMP AND PARALLEL EXIT RAMP
15C31-04C	PAVEMENT MARKING ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-04A	PAVEMENT MARKING (INTERSECTIONS)
15D37-03	TRAFFIC CONTROL, 2-LANE ROUNDABOUT
15D51-01	TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY

UNDIVIDED ROAD OPEN TO TRAFFIC

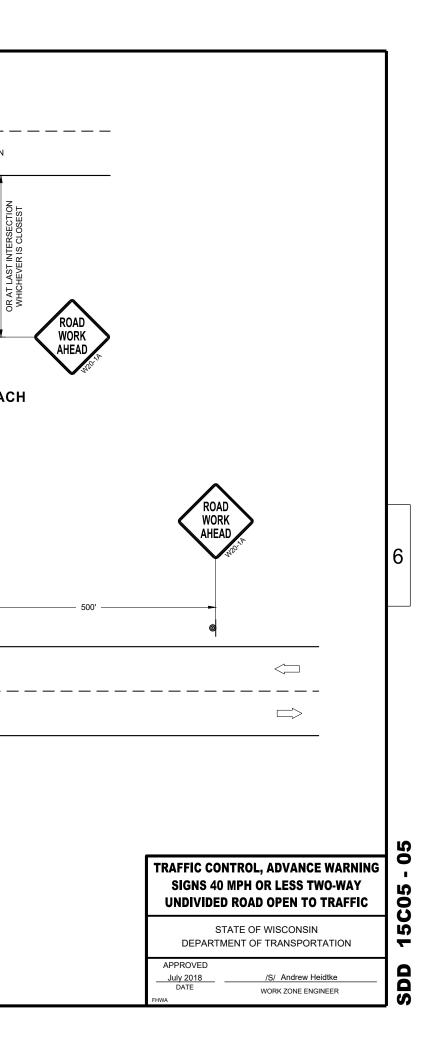


SDD **15C04** 05



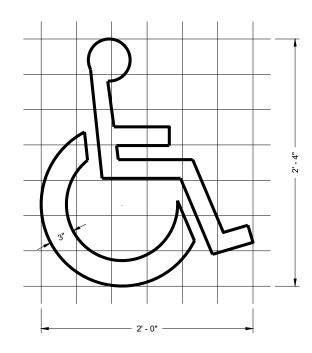
TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

**SDD 15C05 - 05** 

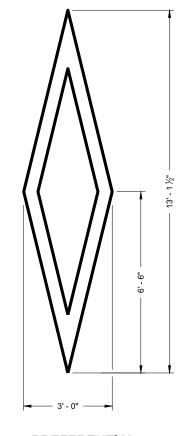


#### **GENERAL NOTES**

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.



HANDICAP SYMBOL



PREFERENTIAL LANE SYMBOL

6

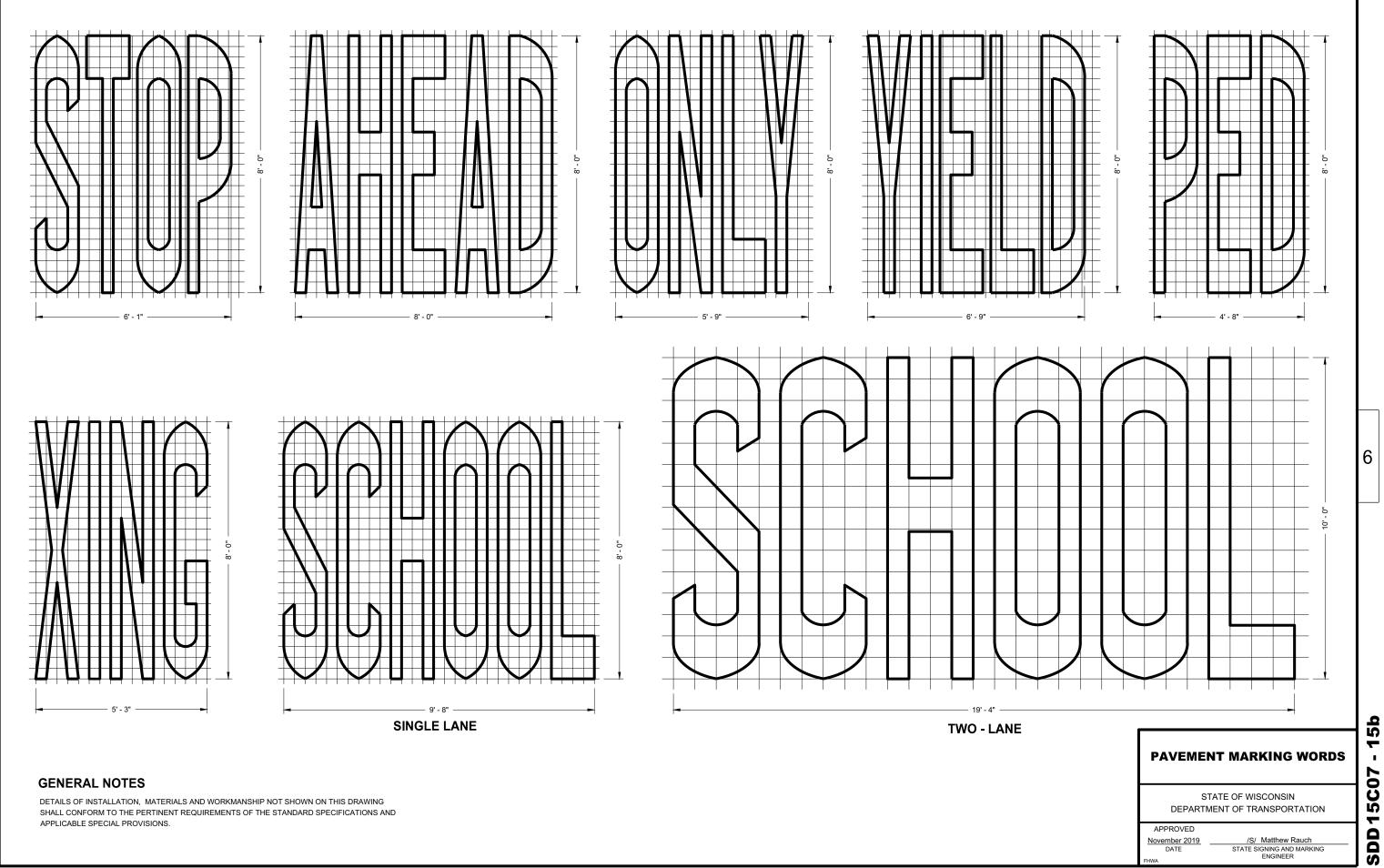
# 5a ς . **SDD15C07**

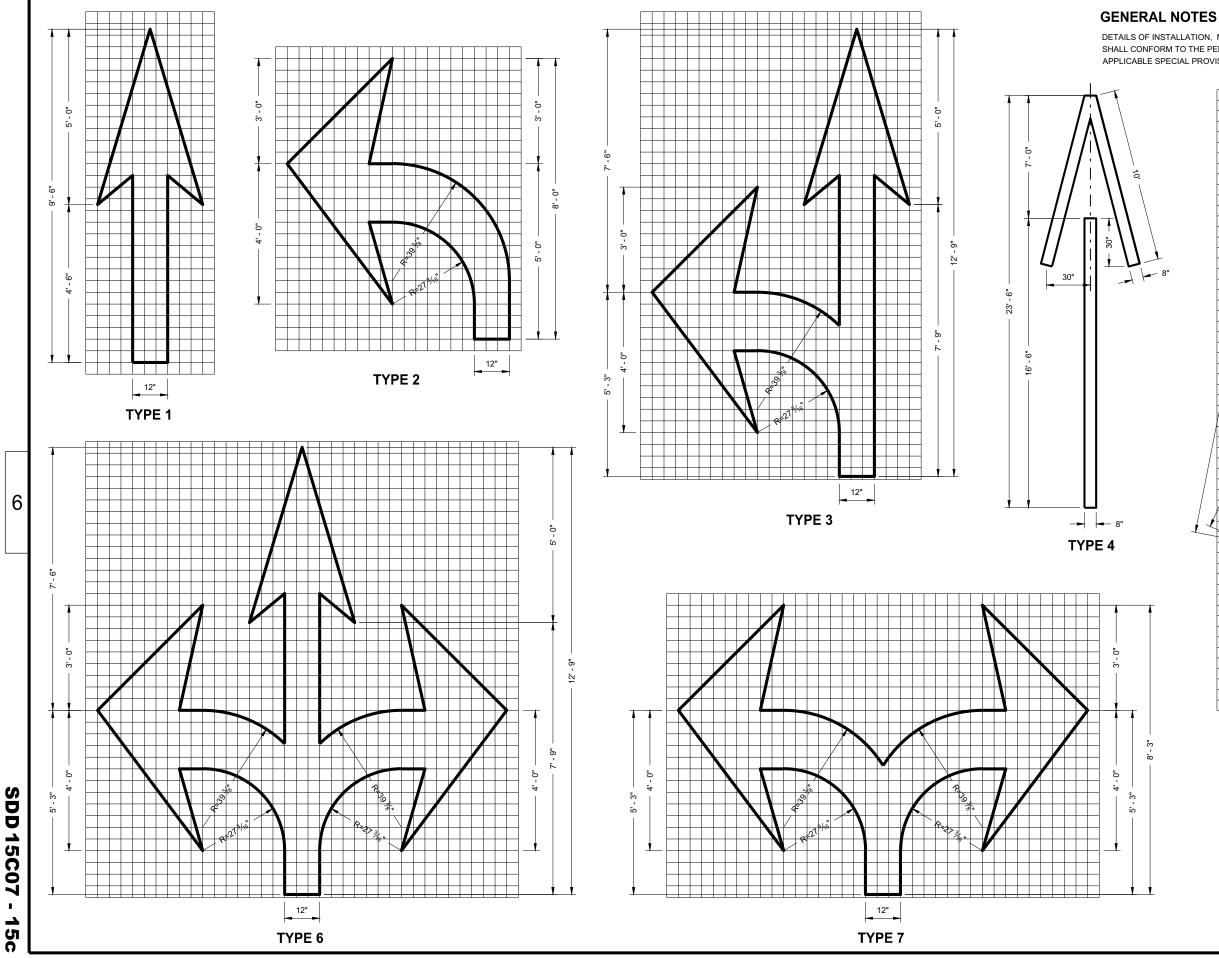
## PAVEMENT MARKING SYMBOLS

#### STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

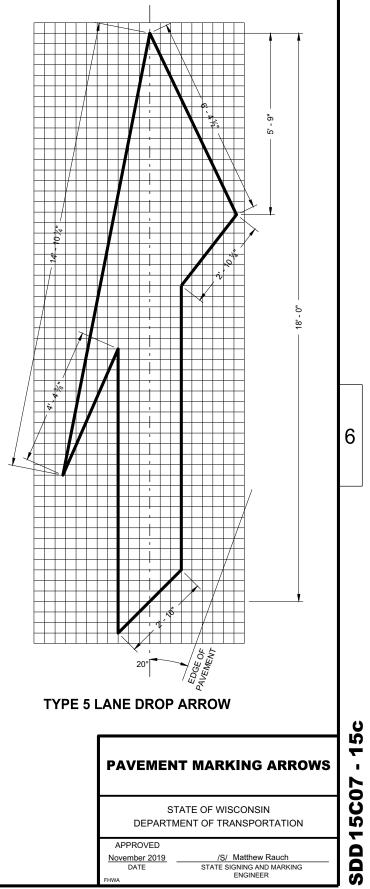
APPROVED November 2019 DATE

/S/ Matthew Rauch STATE SIGNING AND MARKING ENGINEER

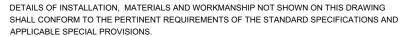


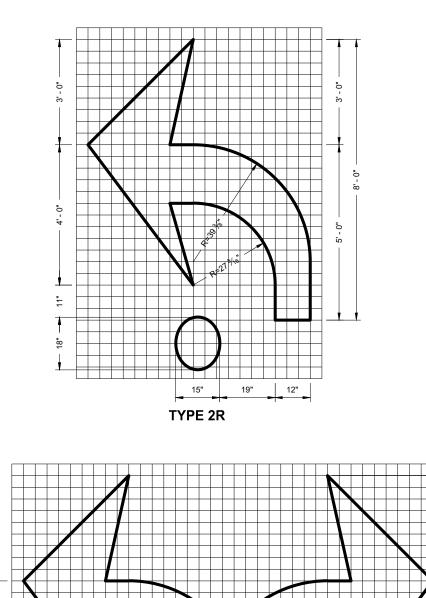


DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



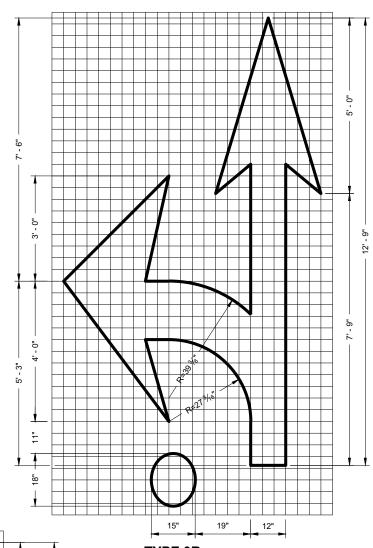
### **GENERAL NOTES**

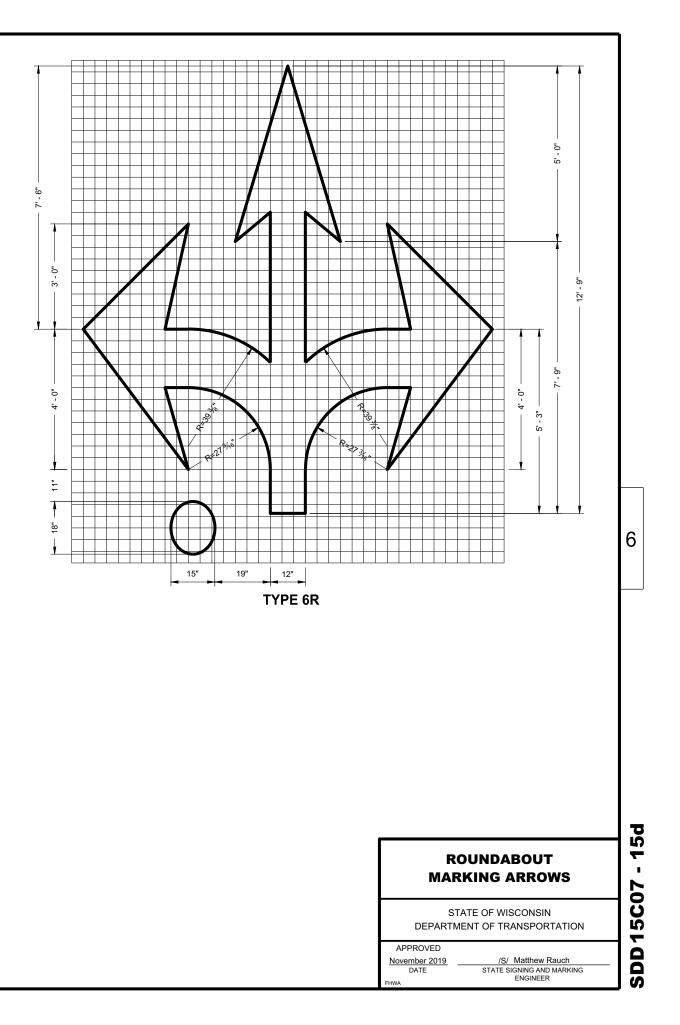




19" 12"

TYPE 7R







3' - 0"

0

5' - 3" --



0

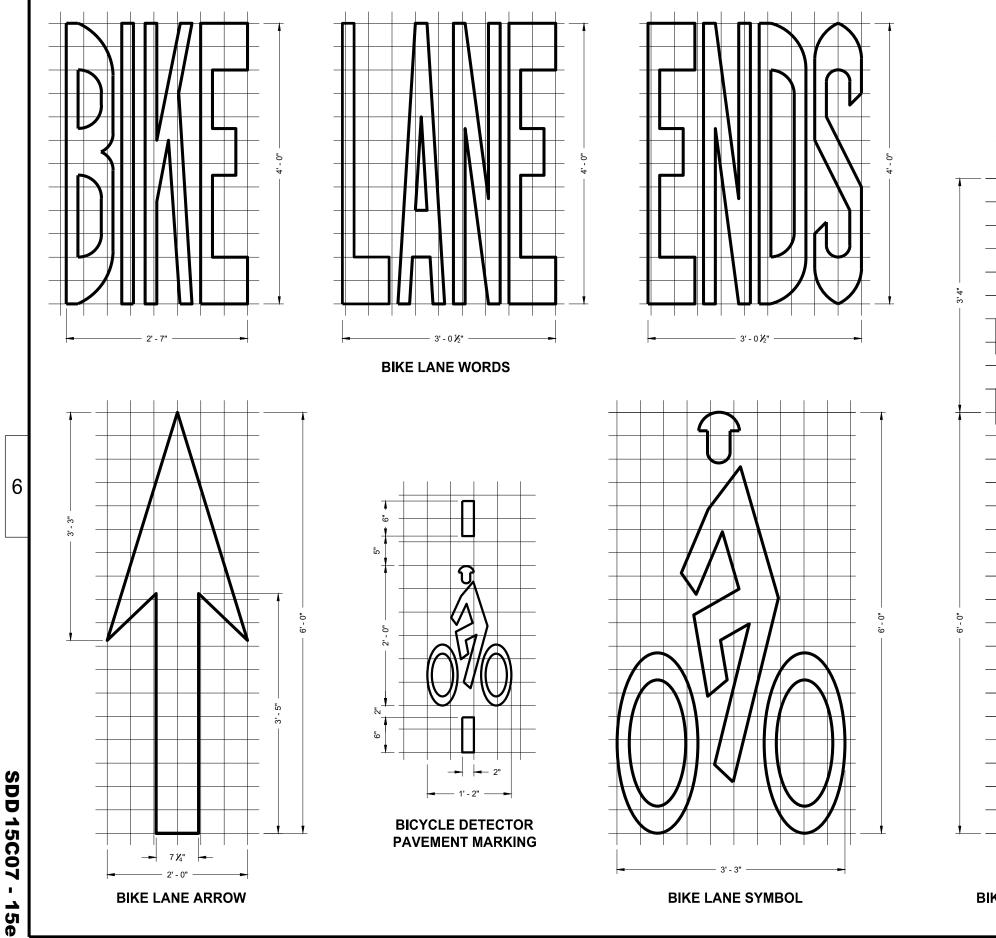
4

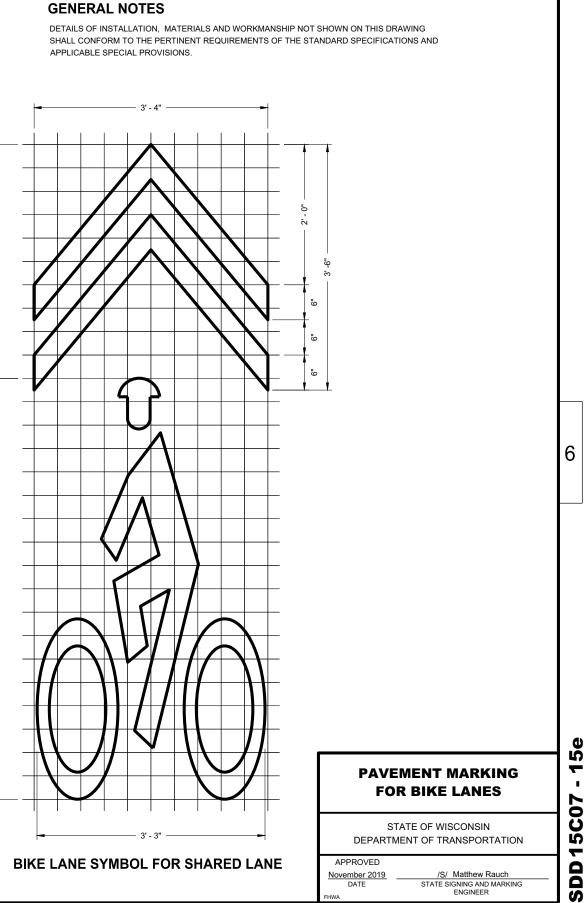
11

18"

15"

# SDD 15C7-e Pavement Marking For Bike Lanes

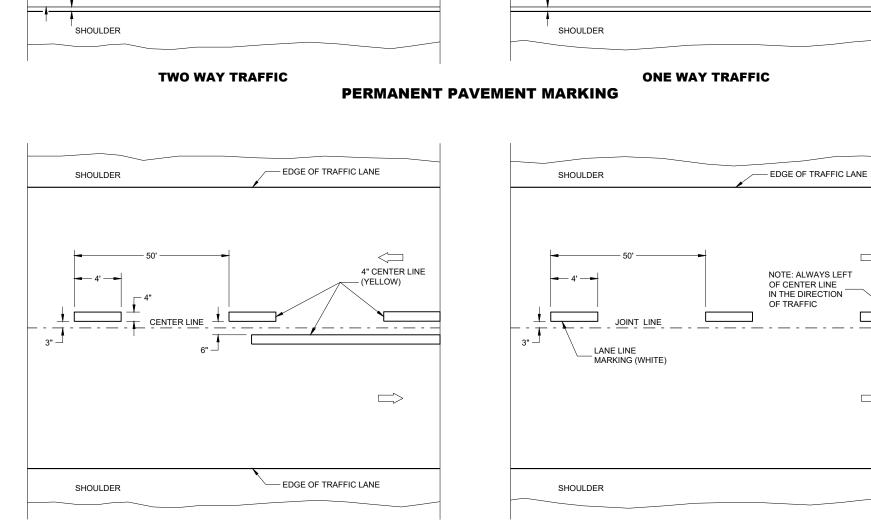




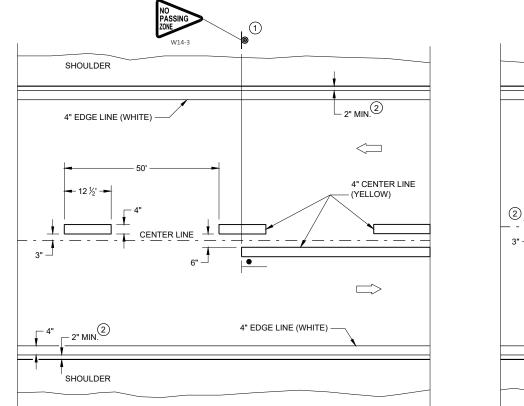




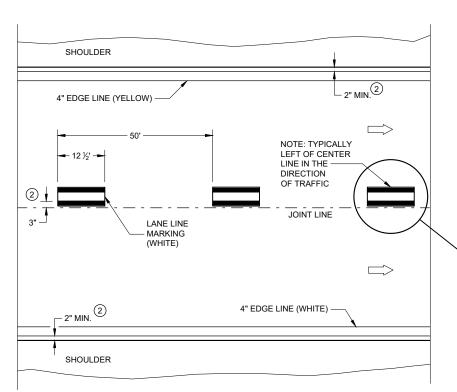
6



**TEMPORARY PAVEMENT MARKING** 

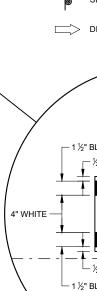


**TWO WAY TRAFFIC** 



**ONE WAY TRAFFIC** 





 $\Box$ 

 $\Box$ 

## **GENERAL NOTES**

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

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

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

## LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

" BLACK CONTRAST – ½" MAX. GROOVE		
_		
	JOINT LINE	/
' BLACK CONTRAST		

## LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2020 DATE

/S/ Matthew Rauch STATEWIDE SIGNING AND MARKING ENGINEER

6

**SDD15C08 - 20** 

MINOR CROSS STREET

-----

MINOR CROSS STREET

 $\triangleleft$ 

 $\leq \square$ 

 $\Box$ 

 $\Box$ 

\_\_\_\_\_

LANE LINES (YELLOW)

- LANE LINE (WHITE)

- SURFACED SHOULDER

- EDGE LINE (YELLOW)

- EDGE LINE (WHITE)

\_\_\_\_\_

(1) ARROW, TYPE 2 \_\_\_\_\_

\_\_\_\_

TWO WAY LEFT TURN LANE

(WHITE)

16'

- 4" DOUBLE YELLOW

4" DOUBLE YELLOW

\_\_\_\_\_

20'-50' MAX.

(2)

CROSS STREET

3

20'



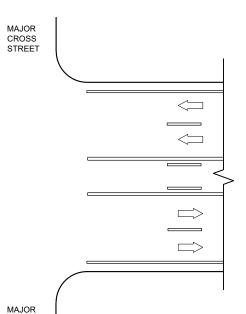
1 A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.

2 8" WHITE

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

## **GENERAL NOTES**

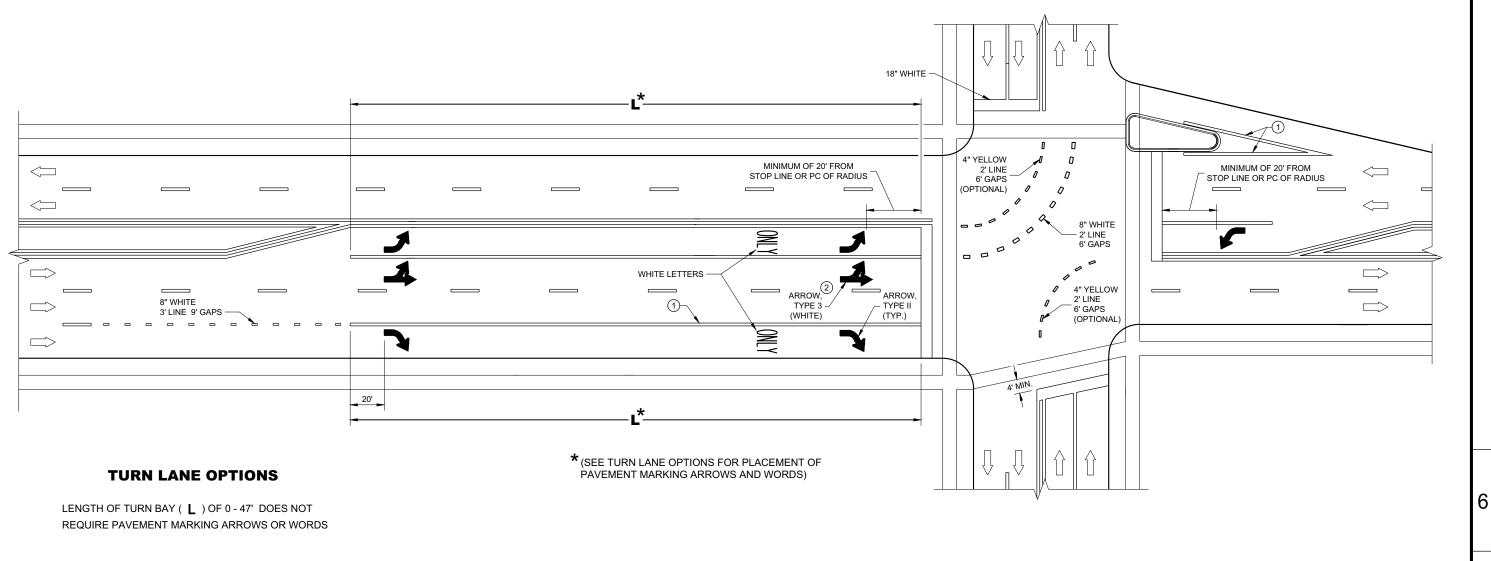
DIRECTION OF TRAFFIC



# - 20b **SDD15C08**

## **PAVEMENT MARKING** (TURN LANES)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



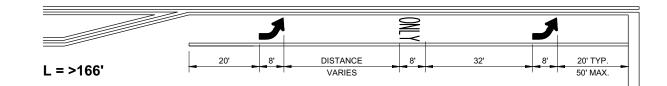


- SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.
- DIRECTION OF TRAFFIC
  - = LENGTH OF TURN BAY



20

L = 48 - 87'



DISTANCE

VARIES



6

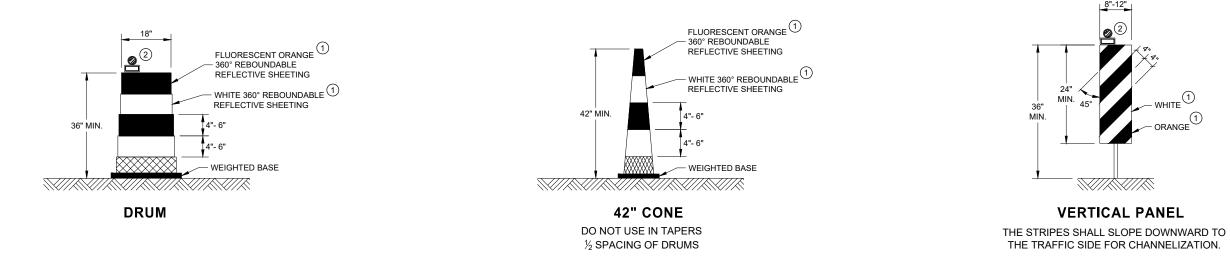
(2) QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL

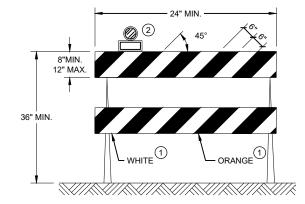
## **PAVEMENT MARKING** (TURN LANES)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

#### **GENERAL NOTES**

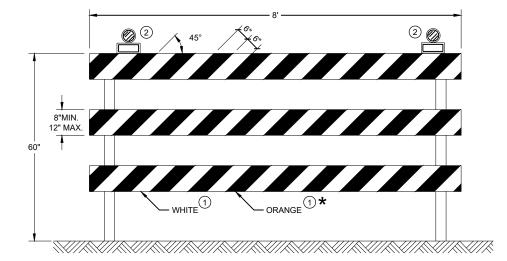
- (2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.





**TYPE II BARRICADE** 

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



#### **TYPE III BARRICADE**

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

★ IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

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

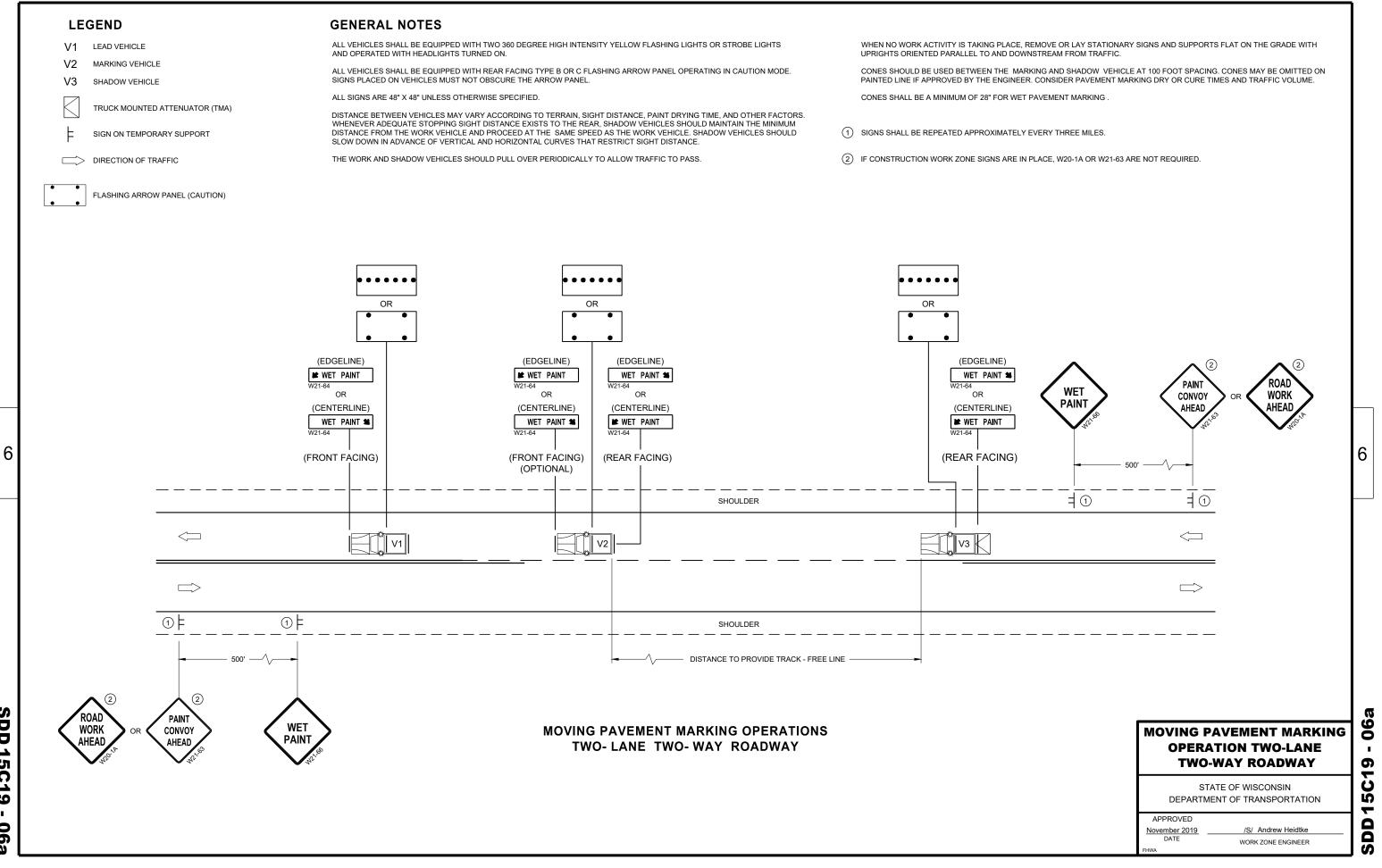
Ω **60** . ~ ~ 0 Ň ~ ົ

## **CHANNELIZING DEVICES DRUMS, CONES, BARRICADES** AND VERTICAL PANELS

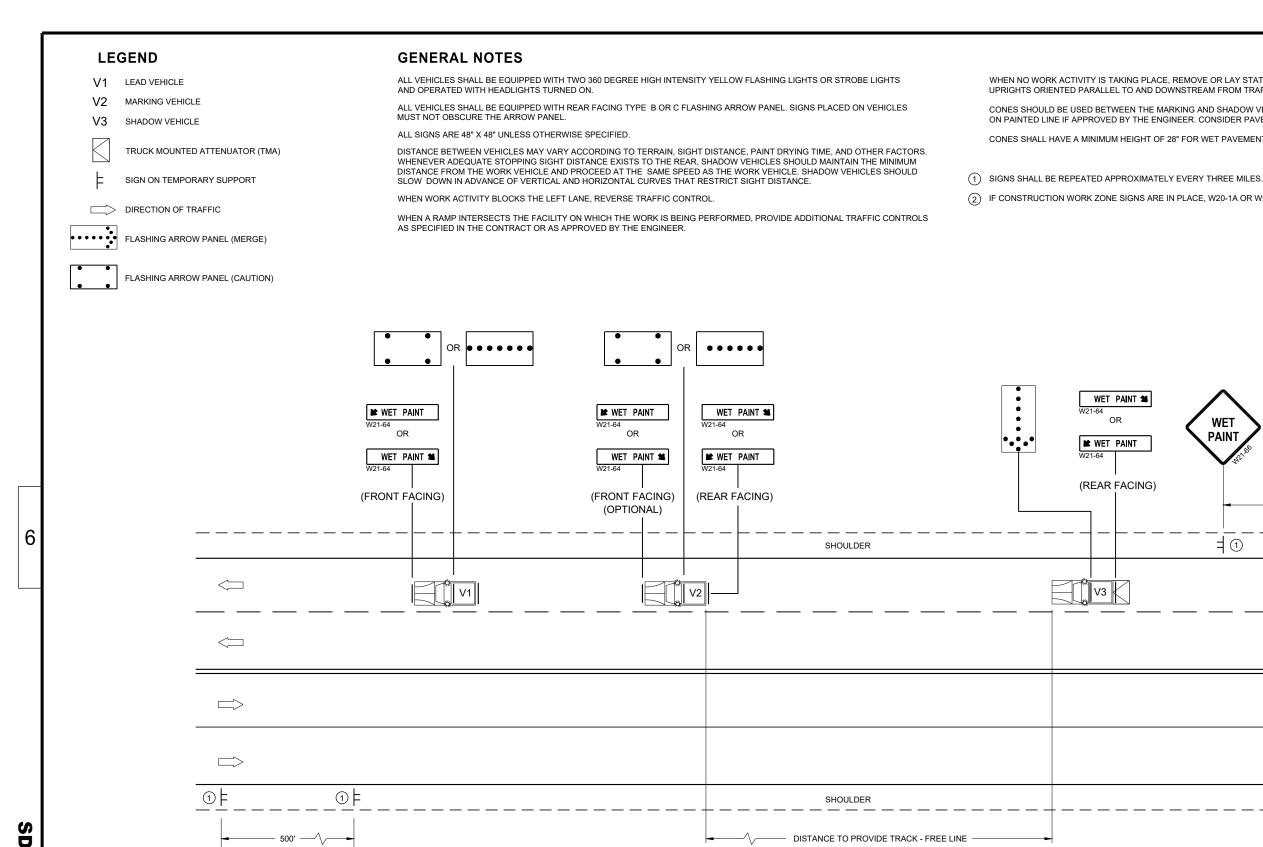
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2021 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER



**SDD 15C19** a



**MOVING PAVEMENT MARKING OPERATIONS** 

MULTILANE UNDIVIDED ROADWAY

(2)

ROAD

WORK

AHEAD

(2)

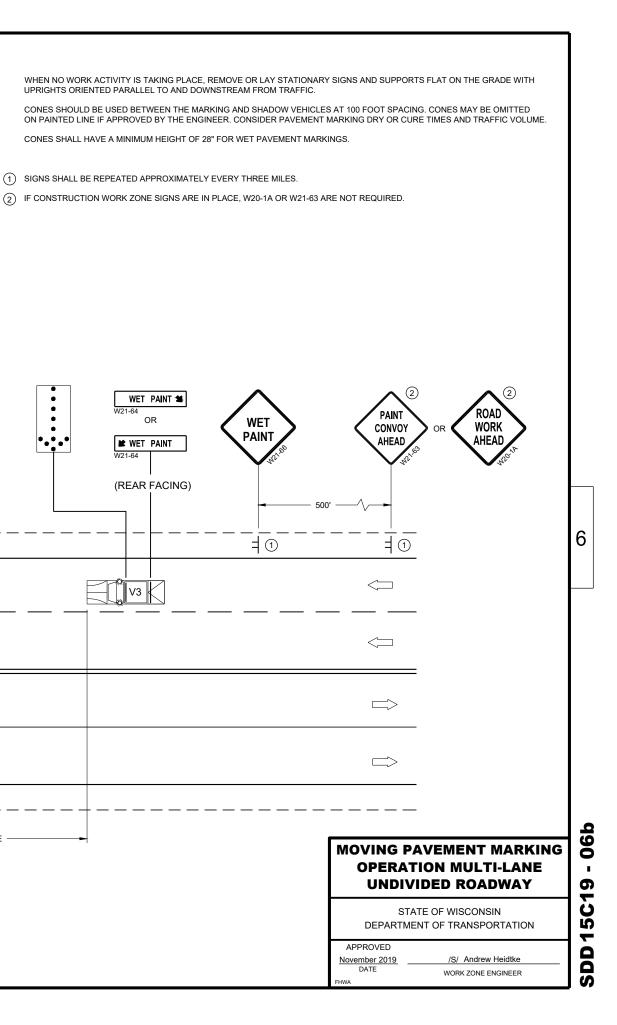
WET

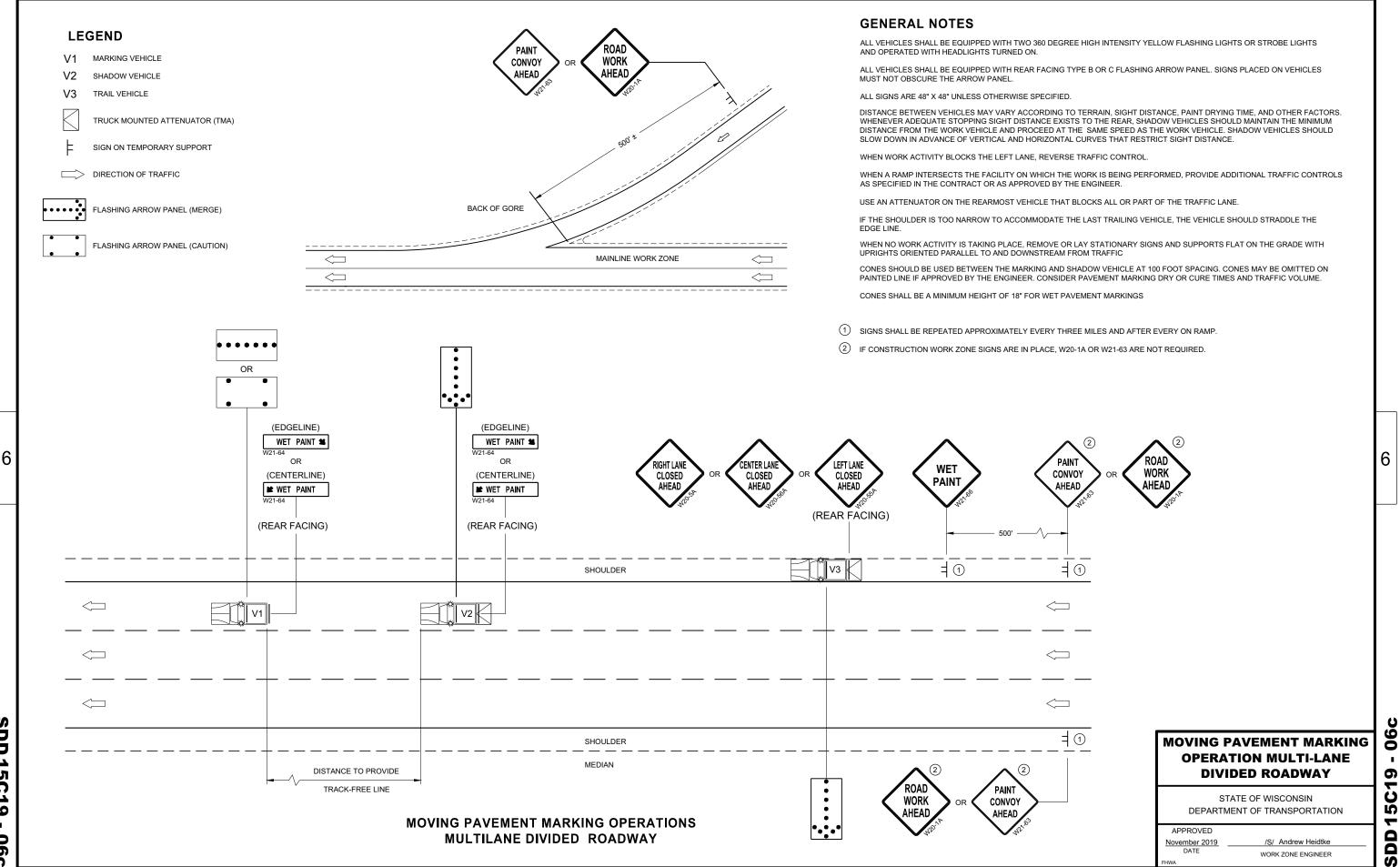
PAIN

PAINT

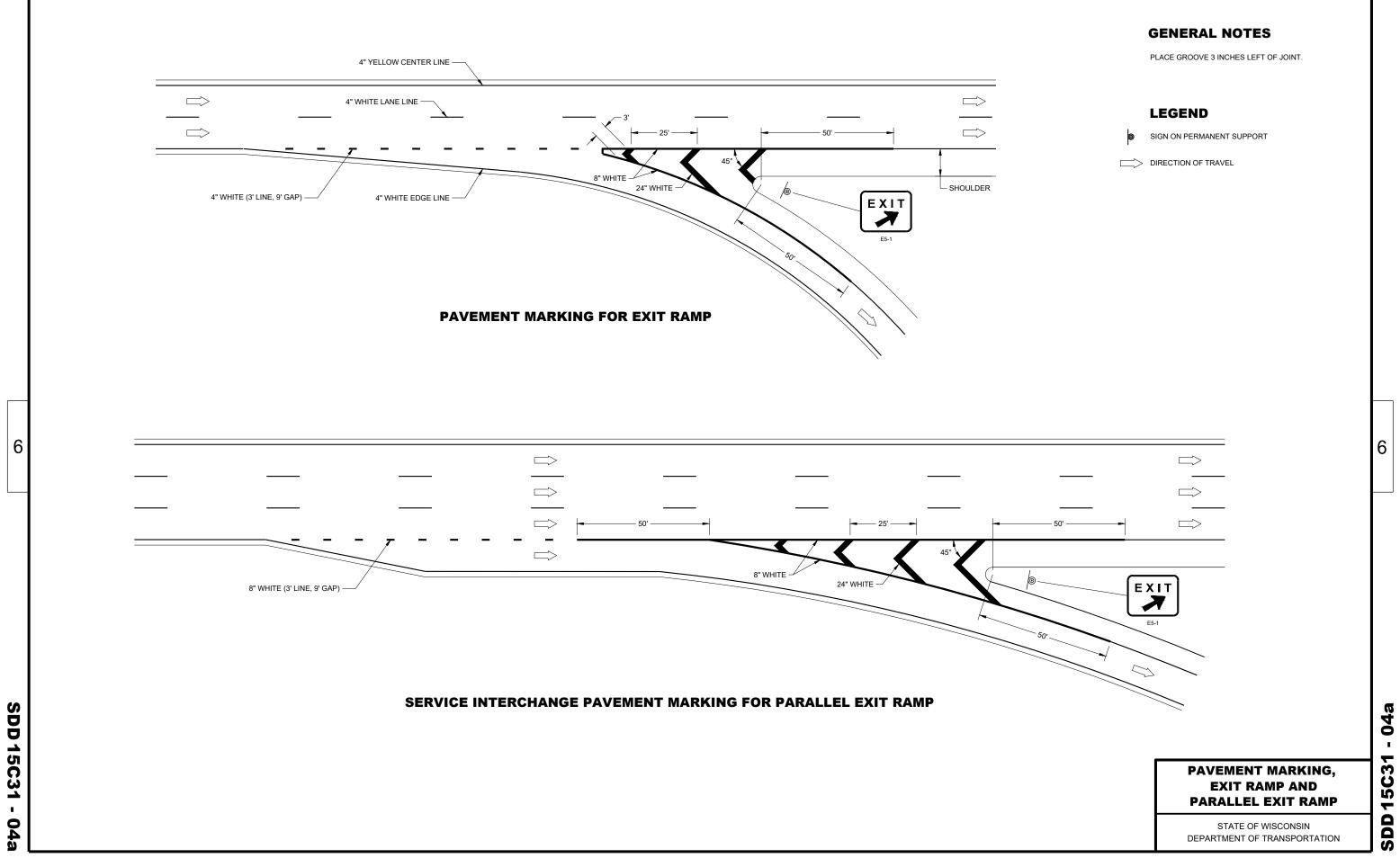
CONVOY

AHEAD



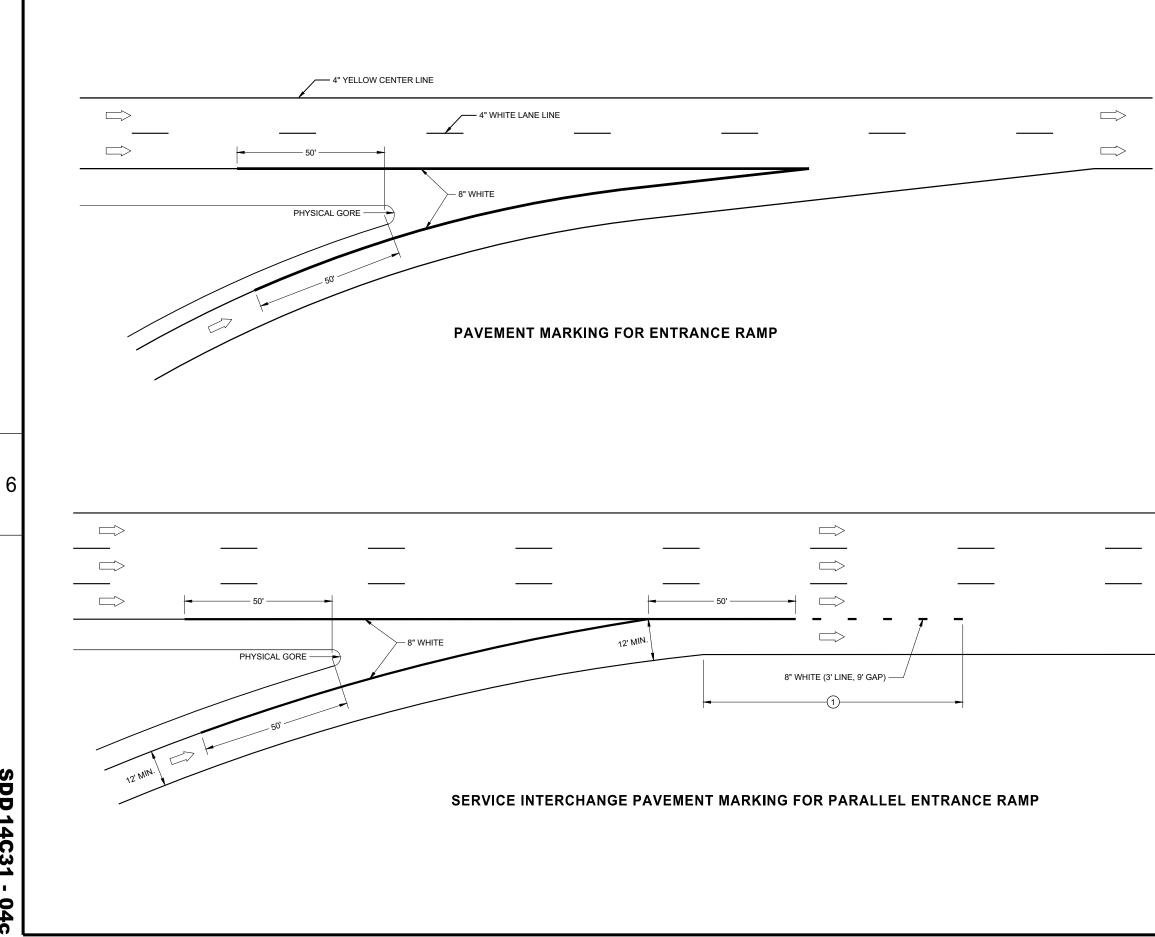


11 60 Ô . 6 ~ 0 Ū. ~



04a





## **GENERAL NOTES**

PLACE GROOVE 3 INCHES LEFT OF JOINT.

(1) ½ LENGTH OF FULL WIDTH ACCELERATION LANE.

## LEGEND

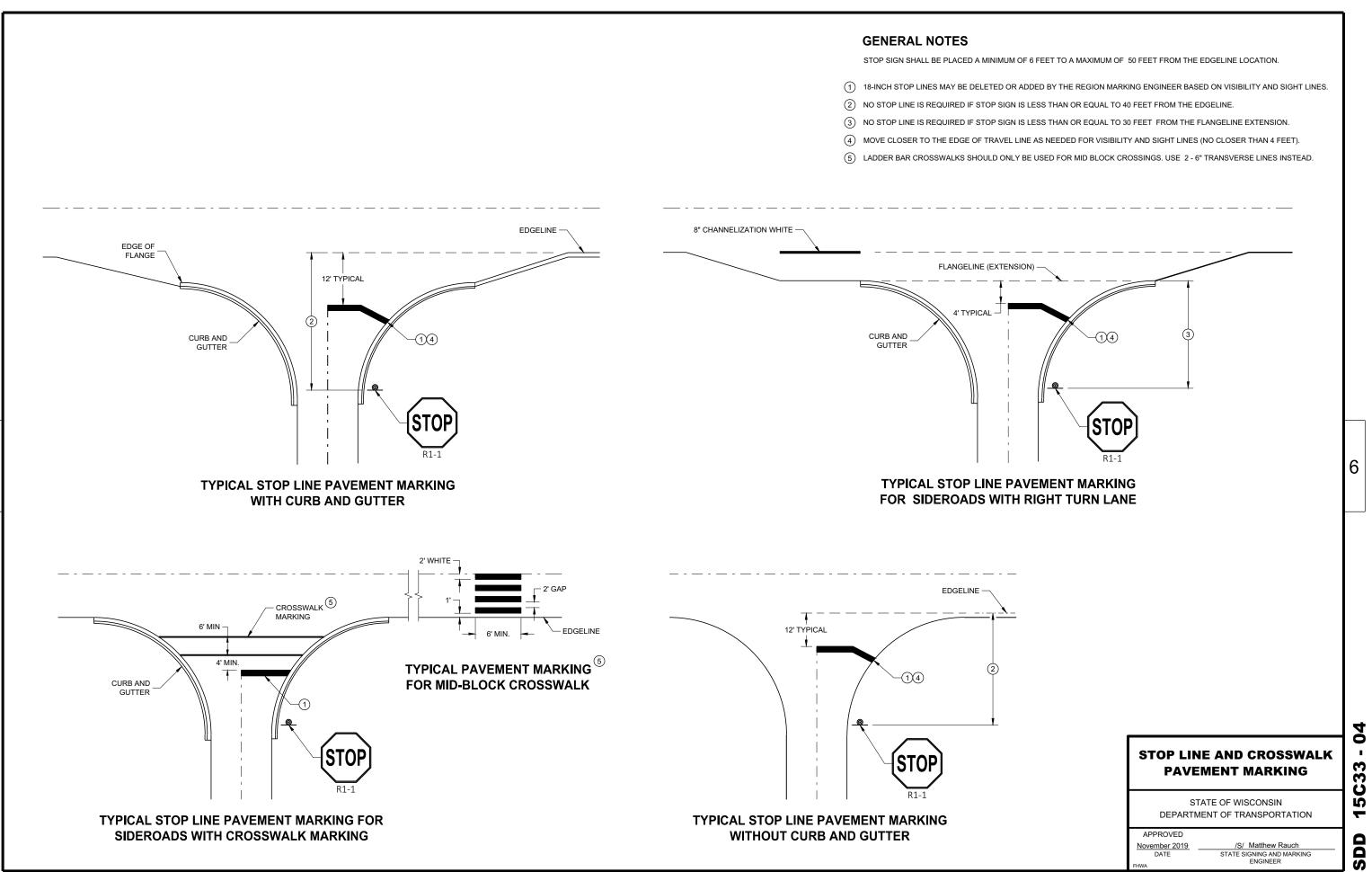
DIRECTION OF TRAVEL

6

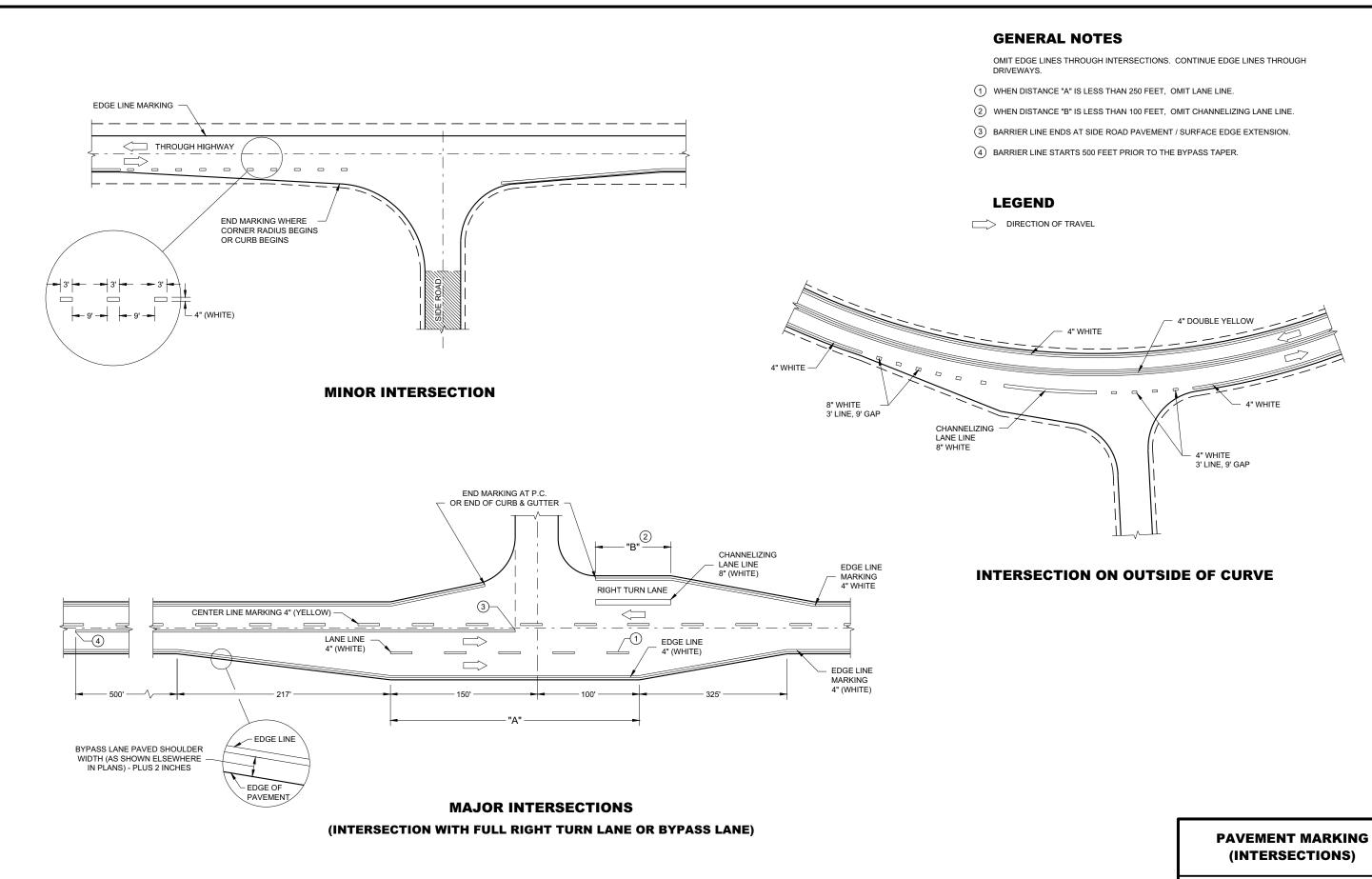
# 

## **PAVEMENT MARKING,** ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION - 04c **SDD14C31** 



SDD 15C33 - 04

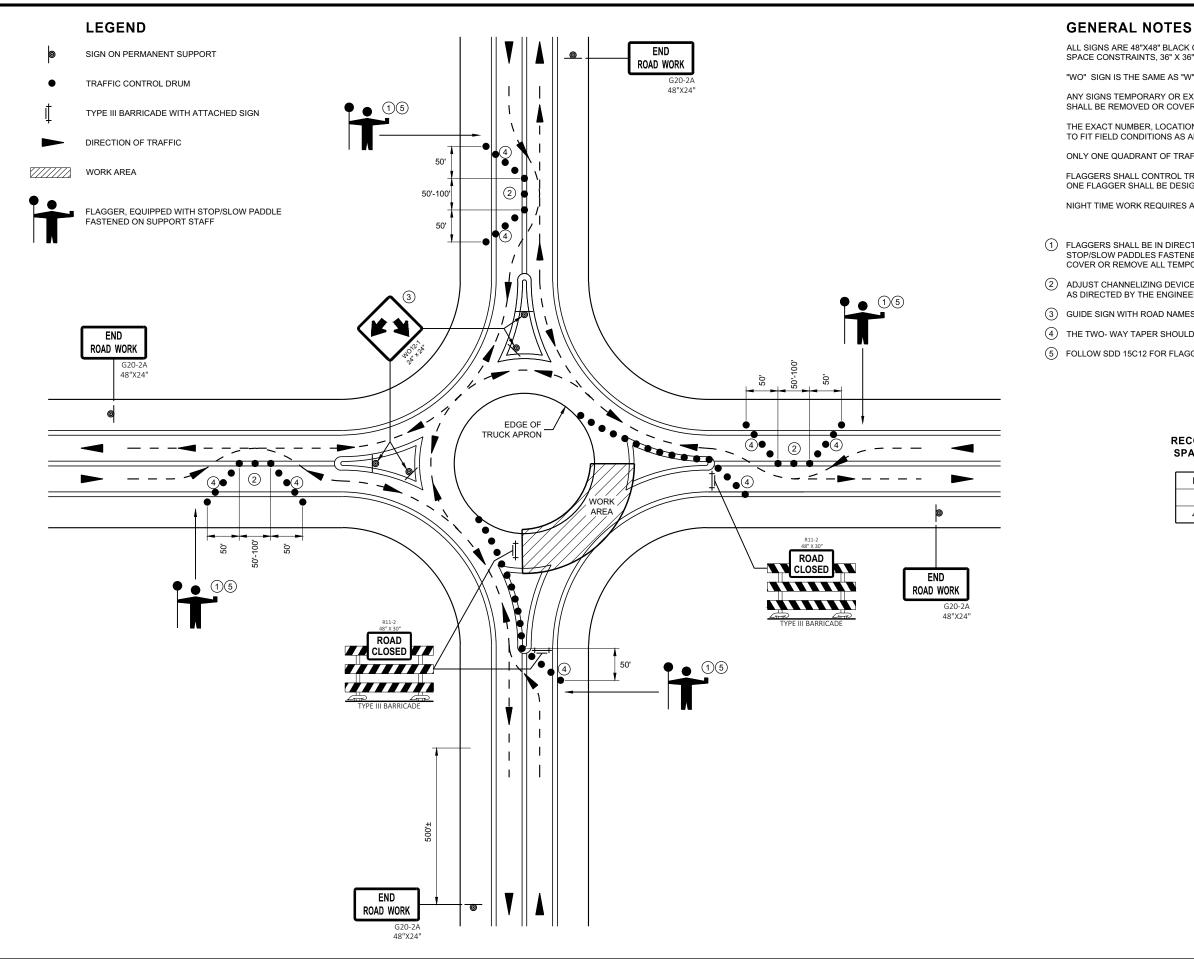


6



## (INTERSECTIONS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



SDD **15D3** N 03

6

ALL SIGNS ARE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT. "WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER. ONLY ONE QUADRANT OF TRAFFIC SHALL BE RELEASED AT A TIME. FLAGGERS SHALL CONTROL TRAFFIC ON ALL APPROACHES OF THE ONE-LANE ROUNDABOUT. ONE FLAGGER SHALL BE DESIGNATED LEAD FLAGGER. NIGHT TIME WORK REQUIRES ADDITIONAL LIGHTING AT FLAGGER STATION(S). (1) FLAGGERS SHALL BE IN DIRECT RADIO CONTACT AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS. (2) ADJUST CHANNELIZING DEVICES TO ACCOMMODATE FOR TURNING RADIUS OF LARGE VEHICLES AS DIRECTED BY THE ENGINEER. (3) GUIDE SIGN WITH ROAD NAMES MAY BE USED IN LIEU OF THE DOUBLE ARROW (WO12-1) SIGN. (4) THE TWO- WAY TAPER SHOULD BE 50 FEET USING 5 EQUALLY SPACED DRUMS. 5 FOLLOW SDD 15C12 FOR FLAGGING AND ADVANCE WARNING. RECOMMENDED REDUCED DRUM SPACING WITHIN ROUNDABOUT MPH DRUM SPACING (FT) 0-40 25 6 45-55 50

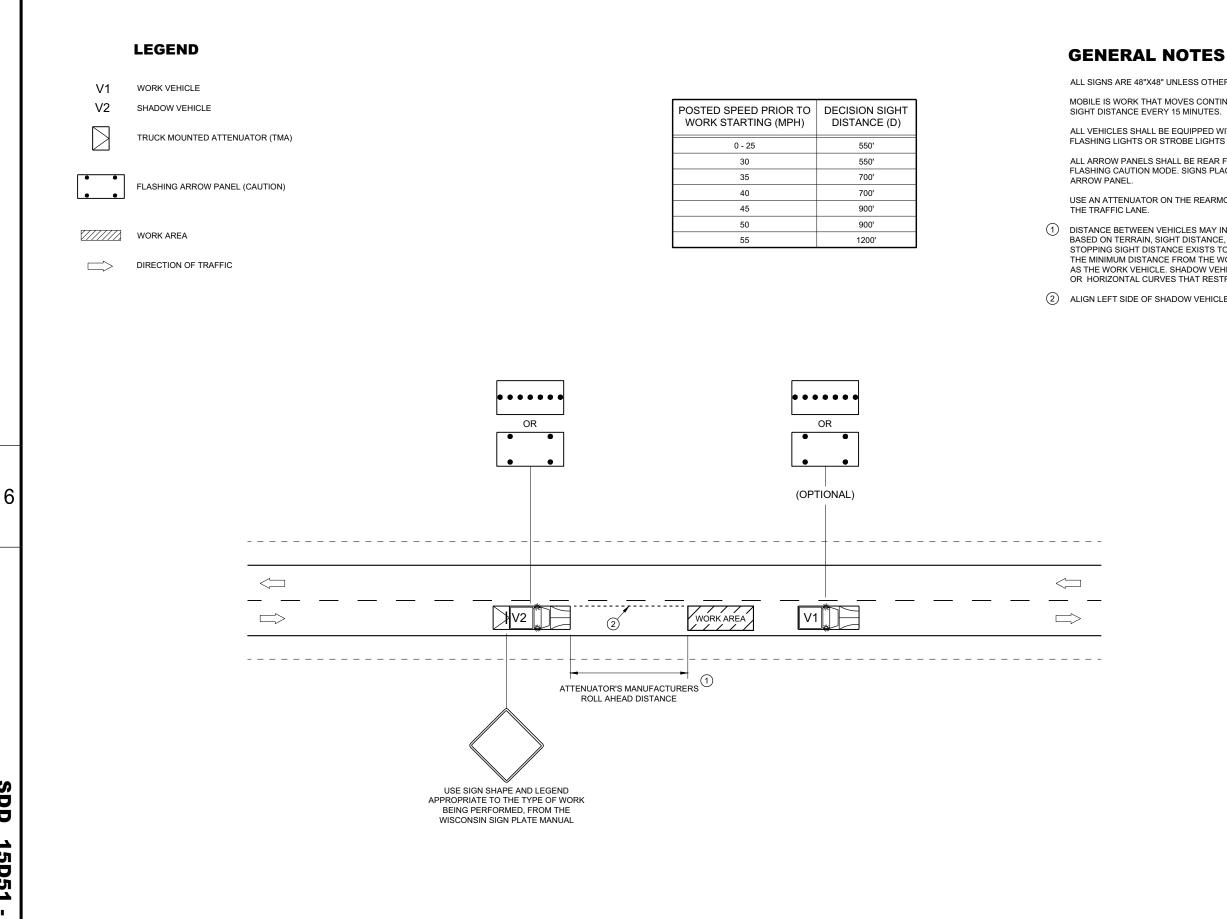
#### 3 0 . 37 S ~ ົ

## **TRAFFIC CONTROL**, **FLAGGING OPERATION,** ROUNDABOUT

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2020 DATE

/S/ Andrew Heidtke STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER



ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

MOBILE IS WORK THAT MOVES CONTINUOUSLY OR MOVES AT LEAST THE DECISION

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

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

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

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

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

6

0

5

Ô

S

-

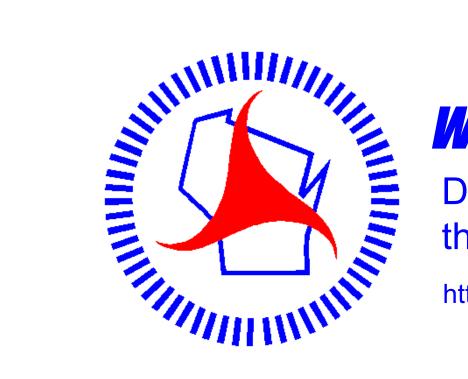
ົ

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

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2021 DATE

/S/ Andrew Heidtke STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER



# Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov

