#### DESIGN DESIGNATION

US 65 N TO IS 44 W A.A.D.T. - 2022 = 8386 T = 13% FUNCTIONAL CLASSIFICATION-INTERSTATE US 65 S TO IS 44 W A.A.D.T. - 2022 = 2233 T = 16% V = 50 M.P.H. FUNCTIONAL CLASSIFICATION-INTERSTATE US 60 A.A.D.T. -2022 = 71237 T = 4% V = 60 M.P.H.FUNCTIONAL CLASSIFICATION-FREEWAY MO 13 A.A.D.T. - 2022 = 26166 T = 11% V = 40 M.P.H FUNCTIONAL CLASSIFICATION-FREEWAY RTE. NN A.A.D.T. - 2022 = 2238 T = 5% V = 55 M.P.H. FUNCTIONAL CLASSIFICATION-MINOR ARTERIAL MO 125 A.A.D.T. - 2022 = 3248 T = 9% V = 55 M.P.H.

### NO NEW R/W REQUIRED

FUNCTIONAL CLASSIFICATION-SUPPLEMENTARY

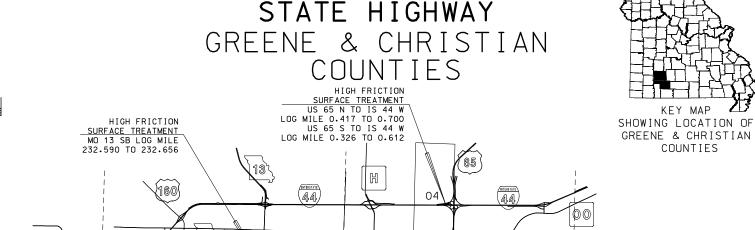
# CONVENTIONAL SYMBOLS

(USED IN PLANS	. )	
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER	0000	
UTILITIES FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	- F0	-F0- -0TV -0TV -0T- -0E- -UE- -SS- -6
MANHOLE	D NAC	$\ni$
FIRE HYDRANT	wv	ĵ
WATER VALVE	"" (T	€
WATER METER	₽,,,	)
DROP INLET	Ĩ	
DITCH BLOCK	=	=
GROUND MOUNTED SIGN	SIGN	_
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST BENCHMARK	PED \ \ \ \ BM (S	; ;
DEMOLIMANN	(×	J

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

# PLANS FOR PROPOSED STATE HIGHWAY



744

11



744

1125

HIGH FRICTION

SURFACE TREATMENT

MO 125 SB LOG MILE 25.614 TO 25.795 D)

!T/29 N R 20 W - 28 NI (R 22 W 28 N R 21 W |T|28 N R 20 W 09 10 12 07 M 14 08) 65 GREENE! 160} MM COUNTY CHR I ST I AN AA COUNTY

T 27 N R 22 W T 27 N R 21 v NN 02 T 27 N R 20 W 01 HIGH FRICTION SURFACE TREATMENT |CC| US 60 EB LOG MILE 80.506 TO 85.087 US 60 WB LOG MILE 255.537 TO 260.113 09 10 HIGH FRICTION SURFACE TREATMENT RTE. NN SB LOG MILE

NOT TO SCALE

EE

T 28 N

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

3.556 TO 3.709

## INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (4 SHEETS)	2
QUANTITIES (QU) (2 SHEETS)	3
TRAFFIC CONTROL SHEETS (TC)	4-17

WARNER D. SHERMAN II NUMBER PE-26645 ON AL UT76253 H2131 AM WARNER D. SHERMAN II-CIVIL WARNER D. SHERMAN II-CIVIL D. DATE PREPARED									
		0 /	17		02	23			
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		RIC W	Т	S		T NO	ο.		
GR			cou		,	_	ΔΝ		
Oi v			JOB	NO					
			SU(				$\dashv$		
		DD	O J E	СТ	NΩ				
		BR	IDG	E 1	10.		١		
DESCRIPTION									

## LENGTH OF PROJECT

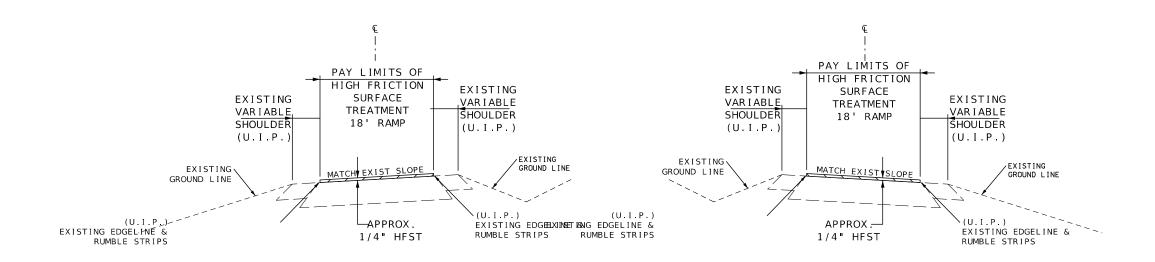
LOG MILES FROM 2022 ARAN US 65 N TO IS 44 W BEGINNING OF PROJECT LM 0.417 END OF PROJECT LM 0.700 US 65 S TO IS 44 W BEGINNING OF PROJECT LM 0.326 END OF PROJECT LM 0.612 US 60 EB BEGINNING OF PROJECT LM 80.506 END OF PROJECT LM 85.087 US 60 WB BEGINNING OF PROJECT LM 255.537 END OF PROJECT LM 260.113 MO 13 SB BEGINNING OF PROJECT LM 232.590 END OF PROJECT LM 232.656 RTE. NN SB BEGINNING OF PROJECT LM 3.556 END OF PROJECT LM 3.709 MO 125 SB BEGINNING OF PROJECT LM 25.614 END OF PROJECT LM 25.795 APPARENT LENGTH 53465.28 FEET EQUATIONS AND EXCEPTIONS: AREA W/O HFST US 60 EB -17059.68 FEET AREA W/O HFST US 60 WB -17043.84 FEET TOTAL CORRECTIONS -34103.52 FEET NET LENGTH OF PROJECT 19361.76 FEET STATE LENGTH 3.667 MILES

FOR INFORMATION ONLY

ESTIMATED DISTURBED ACRES



00 ACRES

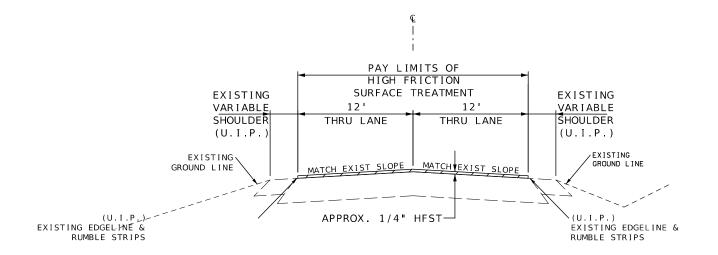


US 65 NORTH TO IS 44 WEST

LOG MILE 0.417 TO LOG MILE 0.491

US 65 SOUTH TO IS 44 WEST

LOG MILE 0.326 TO LOG MILE 0.403



US 65 NORTH TO IS 44 WEST

LOG MILE 0.491 TO LOG MILE 0.700

US 65 SOUTH TO IS 44 WEST

LOG MILE 0.403 TO LOG MILE 0.612

WARKER D.
SHERMAN I
NUMBER
PE-26645

09/29/2023 3:33:02 PM WARNER D. SHERMAN II - CIV MO-PE-26645 DATE PREPARED 9 / 28 / 2023

VAR MO

DISTRICT SHEET NO

SW 2

GREENE/CHRISTIA

JOB NO.

JSU0058

CONTRACT ID.

PROJECT NO.

DESCRIPTION

SPORTATION DATE

MISSOURI HIGHWAYS AND TRANSPORTATION

COMMISSION

105 WEST CAPIT

105 WEST CAPIT

106 WEST CAPIT

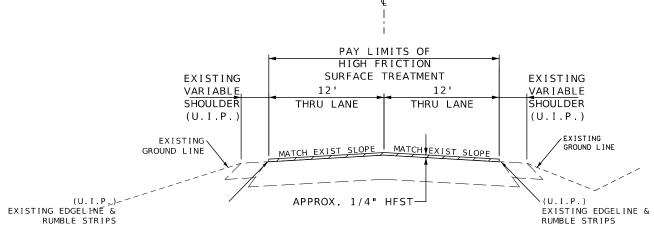
107 WEST CAPIT

107 WEST CAPIT

108 WEST CAPIT

109 WEST CAPIT

NOT TO SCALE
TYPICAL SECTIONS
SHEET 1 OF 4

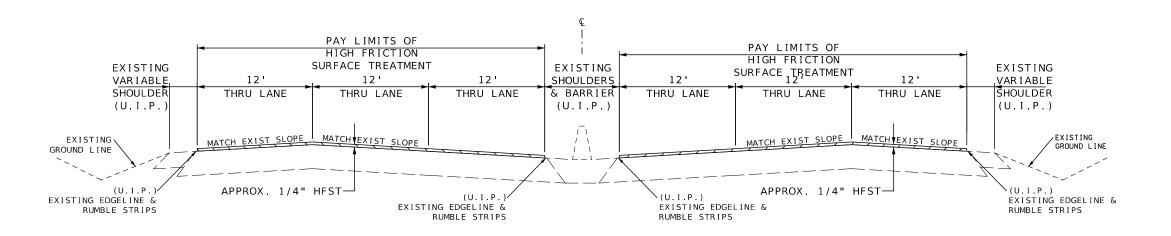


US 60 EAST

LOG MILE 80.506 TO LOG MILE 80.831

US 60 WEST

LOG MILE 259.794 TO LOG MILE 260.113



US 60 WEST

LOG MILE 255.537 TO LOG MILE 255.781 LOG MILE 257.969 TO LOG MILE 258.351 US 60 EAST

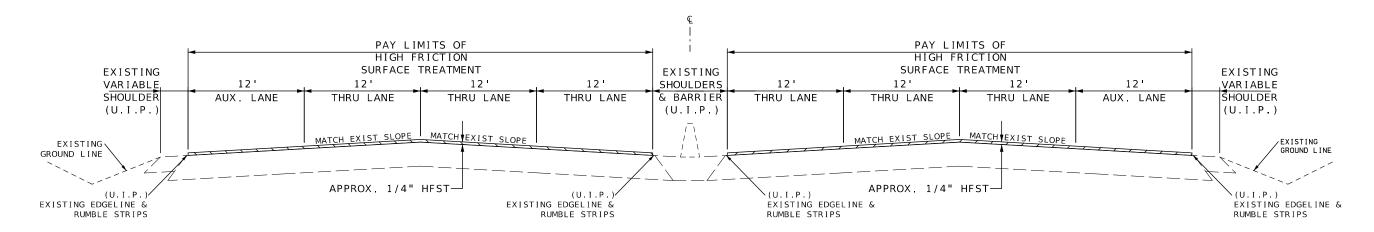
LOG MILE 82.275 TO LOG MILE 82.645 LOG MILE 84.846 TO LOG MILE 85.087 WARNER D.
SHERMAN II
NUMBER
PE-26645
PE-26645

DATE PRE-PARED

9/28/2023
ROUTE
VAR
MO
DISTRICT
SW
2
COUNTY
GREENE/CHRISTIA
JOB NO.
JSU0058
CONTRACT ID.
PROJECT NO.
BRIDGE NO.



NOT TO SCALE
TYPICAL SECTIONS
SHEET 2 OF 4

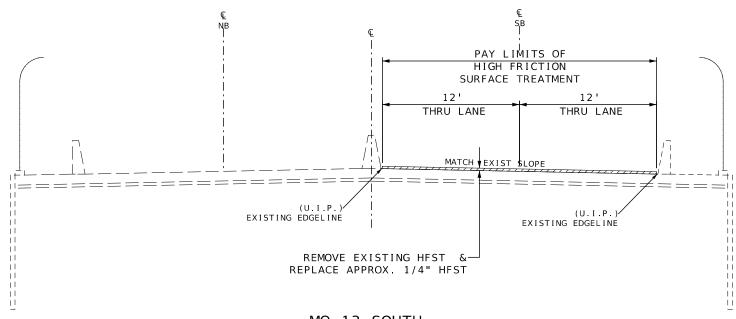


US 60 WEST

LOG MILE 257.033 TO LOG MILE 257.436

US 60 EAST

LOG MILE 83.179 TO LOG MILE 83.593



MO 13 SOUTH

LOG MILE 232.590 TO LOG MILE 232.656

NOT TO SCALE
TYPICAL SECTIONS
SHEET 3 OF 4

WARNER D.
WARNER D.
WARNER D.
NUMBER PE-26645
WARNER D.

SW 2 COUNTY GREENE/CHRISTIA JOB NO. JSU0058

MO

CONTRACT ID.

VAR

BRIDGE NO.

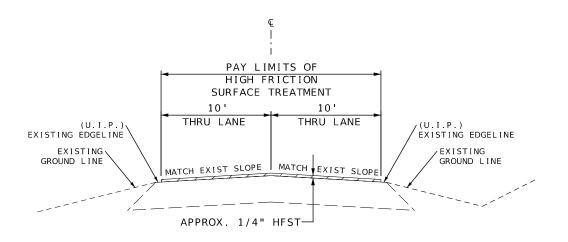
TION DATE DESCRIP

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MADOT

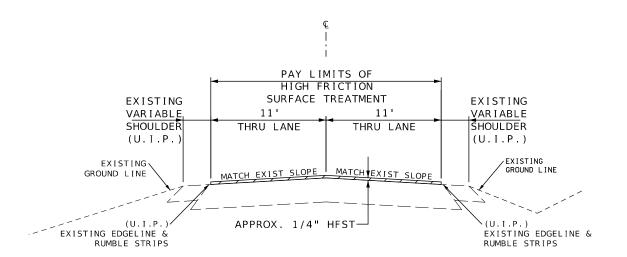
105 WEST CAPITOL

JEFFERSON CITY, MO 65102



RTE. NN SOUTH

LOG MILE 3.556 TO LOG MILE 3.709



MO 125 SOUTH

LOG MILE 25.614 TO LOG MILE 25.795

WARNER D. SHERMAN 9/28/2023 VAR MO SW 2 GREENE/CHRISTIA JSU0058 PROJECT NO. BRIDGE NO.

NOT TO SCALE
TYPICAL SECTIONS
SHEET 4 OF 4

	REMOVAL OF WEARING SURFACE (HFST)											
ROUTE LOG MILE LOG MILE LOCATION REMARKS												
				SF								
MO 13 S	232.59	232.656	2 LANES	8363.5	TWO SB LANES							
			TOTALS	8363.5								
			USE	8364								

		\	MADICINIC I	2 = 140 \ / 4 \	1
	F	AVEMENT	MARKING F	KEMOVAI	L
ROUTE	LOG MILE	LOG MILE	LOCATION	PAINT	REMARKS
				LF	
US 65 TO IS 44 W	0.403	0.612	BETW LANES	275.9	INTERMITTENT BETWEEN LANES
US 60 E	80.506	80.831	BETW LANES	429.0	INTERMITTENT BETWEEN LANES
US 60 E	82.275	82.645	BETW LANES	976.8	INTERMITTENT BETWEEN LANES
US 60 E	83.179	83.593	BETW LANES	1639.4	INTERMITTENT BETWEEN LANES
US 60 E	84.846	85.087	BETW LANES	636.2	INTERMITTENT BETWEEN LANES
US 60 W	255.537	255.781	BETW LANES	644.2	INTERMITTENT BETWEEN LANES
US 60 W	257.033	257.436	BETW LANES	1595.9	INTERMITTENT BETWEEN LANES
US 60 W	257.969	258.351	BETW LANES	1008.5	INTERMITTENT BETWEEN LANES
US 60 W	259.794	260.113	BETW LANES	421.1	INTERMITTENT BETWEEN LANES
MO 13 S	232.59	232.656	BETW LANES	87.1	INTERMITTENT BETWEEN LANES
RTE. NN S	3.556	3.709	BETW LANES	1615.7	DOUBLE SOLID YELLOW
MO 125 S	25.614	25.795	BETW LANES	1911.4	DOUBLE SOLID YELLOW
			TOTALS	11241.2	
			USE	11242	

HIGH FRICTION PAVEMENT - BAUXITE											
ROUTE	LOG MILE	LOG MILE	LOCATION	PAV'T	REMARKS						
				SY							
US 65 N TO IS 44 W	0.417	0.491	1 LANE	781.4	RAMP						
US 65 N TO IS 44 W	0.491	0.700	1 LANE	1471.4	RAMP						
US 65 S TO IS 44 W	0.326	0.403	1 LANE	813.1	RAMP						
US 65 S TO IS 44 W	0.403	0.612	1 LANE	1471.4	RAMP						
US 60 E	80.506	80.831	2 LANES	4576.0	TWO EB LANES						
US 60 E	82.275	82.645	3 LANES	7814.4	THREE EB LANES						
US 60 E	83.179	83.593	4 LANES	11658.2	FOUR EB LANES						
US 60 E	84.846	85.087	3 LANES	5089.9	THREE EB LANES						
US 60 W	255.537	255.781	3 LANES	5153.3	THREE WB LANES						
US 60 W	257.033	257.436	4 LANES	11348.5	FOUR WB LANES						
US 60 W	257.969	258.351	3 LANES	8067.8	THREE WB LANES						
US 60 W	259.794	260.113	2 LANES	4491.5	TWO WB LANES						
MO 13 S	232.590	232.656	2 LANES	929.3	TWO SB LANES						
RTE. NN S	3.556	3.709	2 LANES	1795.2	NB & SB LANES						
MO 125 S	25.614	25.795	2 LANES	2336.1	NB & SB LANES						
	•	•	TOTAL	67797.5							
			USE	67798	·						

STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS										
ROUTE	LOG MILE	LOG MILE	4 IN. YELLOW	REMARKS						
			LF							
RTE. NN S	3.556	3.709	1615.7	DOUBLE SOLID YELLOW						
MO 125 S	25.614	25.795	1911.4	DOUBLE SOLID YELLOW						
		TOTAL	3527.1							
	·	USE	3528							

HIGH BUILD WA	ATERBORN	E PAVEM	ENT MARKING	G PAINT, TYPE L BEADS
ROUTE	LOG MILE	LOG MILE	6 IN. WHITE	REMARKS
			LF	
US 65 TO IS 44 W	0.403	0.612	275.9	INTERMITTENT BETWEEN LANES
US 60 E	80.506	80.831	429.0	INTERMITTENT BETWEEN LANES
US 60 E	82.275	82.645	976.8	INTERMITTENT BETWEEN LANES
US 60 E	83.179	83.593	1639.4	INTERMITTENT BETWEEN LANES
US 60 E	84.846	85.087	636.2	INTERMITTENT BETWEEN LANES
US 60 W	255.537	255.781	644.2	INTERMITTENT BETWEEN LANES
US 60 W	257.033	257.436	1595.9	INTERMITTENT BETWEEN LANES
US 60 W	257.969	258.351	1008.5	INTERMITTENT BETWEEN LANES
US 60 W	259.794	260.113	421.1	INTERMITTENT BETWEEN LANES
MO 13 S	232.59	232.656	87.1	INTERMITTENT BETWEEN LANES
		TOTAL	7438.2	
		USE	7439	

MOBILIZATION
1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING
1 LUMP SUM



																	EFFECTIVE: 04-01-2023	$\top$
				TOTAL	QTY TO	TAL SIGN	N .					Q	TY TOTAL SIGN					$\prod_{i \in S} x_i$
	SIZ	E AREA	\QTY	AREA	RELOCRE	LOC NUM			SIZE	AREA	QTY TOTA	LRE	LOC RELOC NUM.					110
SIGN	IN.	SQ.FT	EACH	SQ.FT.	EACH SQ	FT.		SIGN	IN.	SQ.FT	EACH SQ.F	т. Е	ACH SQ.FT.		I TEM	TOTAL		
		•	WARN	ING S	IGNS		DESCRIPTION			'	GUIDE SI	GNS	'	DESCRIPTION	NUMBER	QTY	DESCRIPTION	
WO1-1L	48X4	8 16.00	)				TURN (SYMBOL LEFT ARROW)	E05-1	36X48	3 12.00				GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	<u> </u>
WO1 - 1R		_					TURN (SYMBOL RIGHT ARROW)	E05-2		12.00				EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	- 1
WO1 - 2L		_					CURVE (SYMBOL LEFT ARROW)	1		12.00		_		EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	-   WA
WO1 - 2R WO1 - 3L		8 16.00 8 16.00					CURVE (SYMBOL RIGHT ARROW) REVERSE TURN (SYMBOL LEFT ARROW)	GO20 - 1 GO20 - 2		1 8 00		+		ROAD WORK NEXT 5 MILES END ROAD WORK	6122012 6122014		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)  IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	┨┣┈
WO1-3E			_				REVERSE TURN (SYMBOL RIGHT ARROW)	G020-2		3 4.50	4 32			PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	11
WO1-4L				16			REVERSE CURVE (SYMBOL LEFT ARROW)	GO20-4a						PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1 - 4R	48X4	8 16.00	)				REVERSE CURVE (SYMBOL RIGHT ARROW)	GO20-4a	18X12	2 1.50				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	DIS
WO1 - 4bL			_				DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	GO20-5a		_	2 12			WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	<b>」</b> Ⅰ :
WO1 - 4bR			_				DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	MO4 - 8a		3.00				END DETOUR	61230004	_	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	- 1
WO1-4cL WO1-4cR			_				TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)  TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	MO4-9L MO4-9R		5 12.00 5 12.00				DETOUR (LEFT ARROW) DETOUR (RIGHT ARROW)	6161008 6161012		ADVANCED WARNING RAIL SYSTEM BUOYS (BOATS KEEP OUT)	GRE
WO1 - 6		0 12.50	_				HORIZONTAL ARROW (SYMBOL)	MO4 - 9P						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)	11
WO1-6a			_				HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L						DETOUR (ARROW LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	_
WO1-7		0 12.50					DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4 - 10R	48X18	6.00				DETOUR (ARROW RIGHT)	6161025		CHANNELIZER (TRIM LINE)	<b>]</b>
WO1-7a		6 18.00					DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	1	1		REGULATO	DRY !	SIGNS	1	6161030		TYPE III MOVEABLE BARRICADE	4 I
WO1-8 WO1-8a		4 3.00 6 7.50					CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-1 R1-2		3 13 25 6 93		+		STOP YIELD	6161033 6161040		DIRECTION INDICATOR BARRICADE FLASHING ARROW PANEL	┨┞
WO1-8a WO3-1		8 16.00					CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)  STOP AHEAD (SYMBOL)	R1-2 R1-2a		5 9 00		+		TO ONCOMING TRAFFIC (PLAQUE)	6161040		TYPE III OBJECT MARKER	1
WO3-1		8 16.00					YIELD AHEAD (SYMBOL)	R1-3P		2 2.50				ALL WAY (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	111
WO3 - 3	48X4	8 16.00	D				SIGNAL AHEAD (SYMBOL)	R2-1	36X48	3 12.00	8 96			SPEED LIMIT XX	6161070		TUBULAR MARKER	<b>]</b>
WO3 - 4		8 16.00		32			BE PREPARED TO STOP	R3-1		3 16.00				NO RIGHT TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM	<b>]</b> [ [
WO3 - 5		8 16.00					SPEED LIMIT AHEAD	R3-2		3 16.00				NO LEFT TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN,	l z
WO4-1L WO4-1R		8 16.00	_				MERGE (SYMBOL FROM LEFT) MERGE (SYMBOL FROM RIGHT)	R3-3 R3-4		9 00 3 16 00				NO TURNS NO U-TURN (SYMBOL)	6161096		COMMISSION FURNISHED/RETAINED CHANGEABLE MESSAGE SIGN W/O COMM.	<b>⊣  </b>
WO4-1R				16			MERGE (ARROW SYMBOL)	R3-7L		6.25				LEFT LANE MUST TURN LEFT	61610984	\	INTERFACE - CONTRACTOR FURNISHED/RETAINED	)   <u>                                  </u>
WO4 - 1 aP				16			MERGE (ARROW SYMBOL)	R3 - 7R		6.25				RIGHT LANE MUST TURN RIGHT			CHANGEABLE MESSAGE SIGN WITH COMM.	
WO5 - 1	48X4	8 16.00	)				ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	3 12.00				DO NOT PASS	6161099	4	INTERFACE - CONTRACTOR FURNISHED/RETAINED	기 I all
WO5 - 3		8 16.00	_				ONE LANE BRIDGE	R4-2		3 12.00				PASS WITH CARE	6162000 <i>A</i>		WORK ZONE TRAFFIC SIGNAL SYSTEM	411
WO5 - 5 WO6 - 1		8 16.00 8 16.00					NARROW LANES	R4-8a R4-7a		3 12.00 3 12.00		_		KEEP LEFT (HORIZONTAL ARROW) KEEP RIGHT (HORIZONTAL ARROW)	6162002	-	TEMPORARY LONG-TERM RUMBLE STRIPS TEMPORARY TRAFFIC BARRIER	-
WO6-1		8 16.00					DIVIDED HIGHWAY (SYMBOL) DIVIDED HIGHWAY END (SYMBOL)	R5-1		6.25		_		DO NOT ENTER	6173600E		CONTRACTOR FURNISHED/RETAINED	
WO6-3		8 16.00					TWO WAY TRAFFIC (SYMBOL)	R5-1a		1 6.00				WRONG WAY	0170000		TEMPORARY TRAFFIC BARRIER	
WO7-3a	30X2	4 5.00					NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75				ONE WAY ARROW (LEFT)	6173602E	3	CONTRACTOR FURNISHED/COMMISSION RETAINED	TAC
WO8 - 1		8 16.00					BUMP	R6-1R		6.75				ONE WAY ARROW (RIGHT)	6174000 <i>A</i>		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	J 🖺
WO8 - 2		8 16.00					DIP	R6-2L		5.00				ONE WAY (LEFT) ONE WAY (RIGHT)	61750104	1	RELOCATING TEMPORARY TRAFFIC BARRIER	<b>⊢</b>   ₹
WO8 - 3 WO8 - 4		8 16.00 8 16.00					PAVEMENT ENDS SOFT SHOULDER	R6-2R R9-9		2 2.00				SIDEWALK CLOSED	6176000E	3	TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED	<del> </del>
WO8 - 5		8 16.00					SLIPPERY WHEN WET (SYMBOL)	11	2 1/(12	2.00				SIDEWALK CLOSED AHEAD,	0170000	1	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	ANSPORTAT
WO8 - 6	48X4	8 16.00					TRUCK CROSSING (WITH FLAGS)	R9-11L	24X18	3.00				(ARROW LEFT) CROSS HERE	6177000E	3	COMMISSION FURNISHED/RETAINED	P
WO8-6c		8 16.00					TRUCK ENTRANCE							SIDEWALK CLOSED AHEAD,	6208064 <i>A</i>		TEMPORARY RAISED PAVEMENT MARKER	NSI
WO8 - 7		6 9.00					LOOSE GRAVEL	R9-11R		3.00				(ARROW RIGHT) CROSS HERE	9029400		TEMPORARY TRAFFIC SIGNALS	-     ₹ -
WO8 - 7 a WO8 - 9		_					FRESH OIL/LOOSE GRAVEL LOW SHOULDER	1		6.00	1 10	+		STOP HERE ON RED (45^ ARROW) ROAD CLOSED	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	-     - 5
WO8 - 11		_					UNEVEN LANES	1 11-2	4000	10.00	1 10			ROAD CLOSED XX MILES AHEAD				AND
WO8 - 12		_					NO CENTER LINE	R11-3a	60X30	12.50				LOCAL TRAFFIC ONLY				WAYS A
WO8 - 15							GROOVED PAVEMENT	R11-4	60X30	12.50				ROAD CLOSED TO THRU TRAFFIC				] [\$ \$
WO8 - 15P		_					MOTORCYCLE (PLAQUE)	CONST - 3				_		FINE SIGN				<b>⊣ I</b> Ծ
WO8 - 17		_					SHOULDER DROP-OFF (SYMBOL)	CONST - 3	X 56X12	2 4.67		NEO	IS STONE	SPEEDING/PASSING (PLATE)				J  Ē
WO8 - 17P		_					SHOULDER DROP-OFF (PLAQUE)  RAILROAD CROSSING	CONST-5	48X36	12.00	MISCELLA	TIVEOU	CNDIC CO	POINT OF PRESENCE				
WO12-1		_					DOUBLE DOWN ARROW (SYMBOL)	CONST - 5				+		POINT OF PRESENCE				SSOURI
WO12-2	48X4	8 16.00	D				LOW CLEARANCE (SYMBOL)	CONST - 7	48X24	8.00				RATE OUR WORK ZONE				SS
W012-2X		_					LOW CLEARANCE (PLAQUE)	CONST - 7				_		RATE OUR WORK ZONE				Σ
WO12-2a		_					OVERHEAD LOW CLEARANCE (FEET AND INCHES)	CONST - 8				_		WORK ZONE NO PHONE ZONE				
WO12-4 WO12-5		_					LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	SPECIAL SPECIAL				_		BLANK GREEN BLANK GREEN				
WO12-3		_					ADVISORY SPEED (PLAQUE)	SPECIAL				_		CLOSED ORANGE				
WO16-2		_					XXX FEET (PLAQUE)					$\perp$						
WO16-3	_	_	_				X MILE (PLAQUE)											
WO20-1				240			ROAD/BRIDGE/RAMP WORK AHEAD	4										
WO20-2		_					DETOUR AHEAD	<b></b>	1	1		+						
WO20-3 WO20-4				32			ROAD CLOSED AHEAD ONE LANE ROAD AHEAD	616-10	0.5	1	TOTA	1		1	I			
WO20-4				32			RIGHT/CENTER/LEFT LANE CLOSED AHEAD	CONSTR		ON SIG		_						
WO20 - 5a							2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	616-10				-	TOTAL					
WO20-6a				16			RIGHT/CENTER/LEFT LANE CLOSED	RELOCA	ATED S	SIGNS			0					
WO20 - 7a				64			FLAGGER (SYMBOL, WITH FLAGS)	4										
WO21-2	36X3	ь 19.00	1 1		1 1		FRESH OIL	I										- 1

WO21-5 48X48 16.00

WO22-1 48X48 16.00 WO22-2 42X36 10.50

WO22-3 42X36 10.50

GO22-1 21X15 2.19

SHOULDER WORK AHEAD

WET PAINT (ARROW PIVOTS)

TURN OFF 2-WAY RADIO AND PHONE

BLASTING ZONE AHEAD

END BLASTING ZONE

SUMMARY OF QUANTITIES
SHEET 2 OF 2

WARNER D.



REVISED: 4/18/2023

- 1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED
- TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
- SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
- 4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
- REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
- SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
- TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST. 8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
- ALL SIGNS, EXCEPT "RATE OUR WORK ZONES" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
- 11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
- 12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
- 13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER

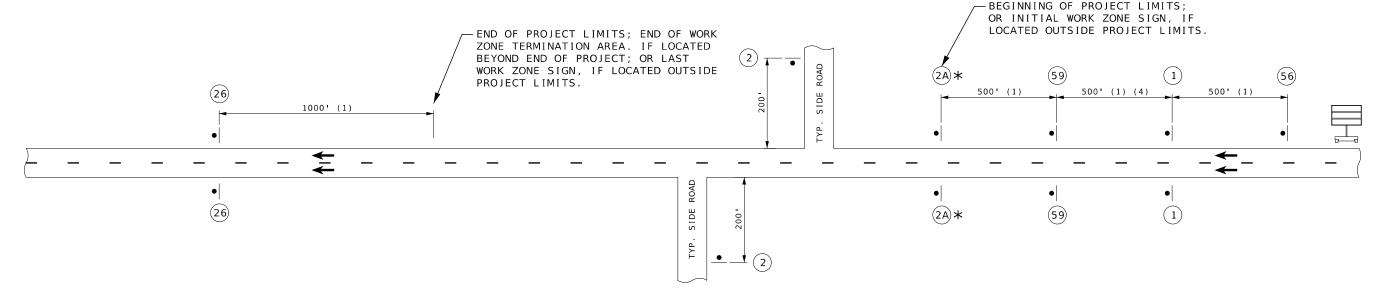
CONST - 7 - 72 (56) (2)

ROAD WORK

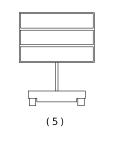
GO20-1

(1)

- 14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



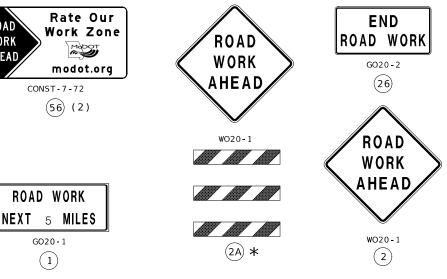
- (1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.
- (2) SIGN CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.
- (3) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.
- (4) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (5) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.



WORK ZONE NO PHONE ZONE CONST-8 (59)(4)

# TYPICAL BEGINNING AND END OF PROJECT

(DIVIDED HIGHWAY)



**★SIGN 2A WITH AWRS MUST** BE GROUND OR SKID MOUNTED.

WARNER D. SHERMAN ■ S/ONAL Warner Sherman

9/28/2023

VAR MO SHEET NO SW 4

REENE/CHRISTIO

JSU0058 CONTRACT ID.

PROJECT NO.

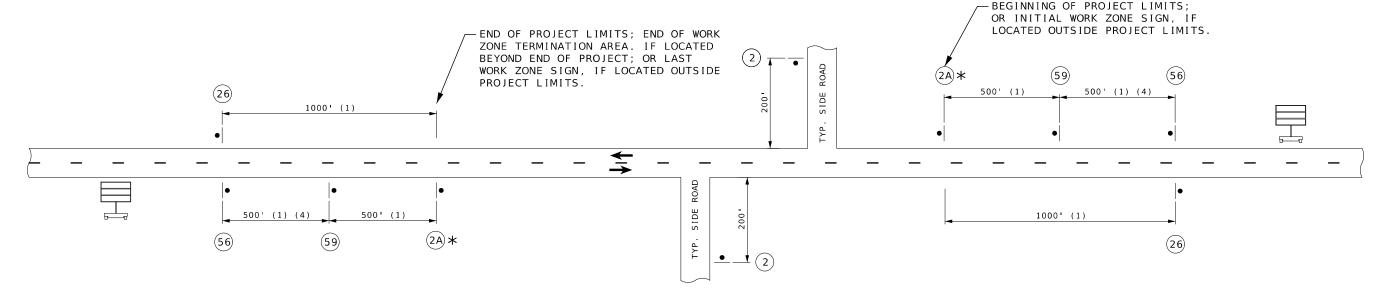
BRIDGE NO.

NOT TO SCALE

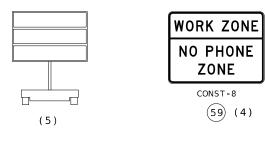
TRAFFIC CONTROL SHEET 1 OF 14

REVISED: 4/18/2023

- 1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- 2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
- 3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
- 4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
- 5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
- 6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
- 7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST. 8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
- 9. ALL SIGNS, EXCEPT "RATE OUR WORK ZONES" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
- 11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
- 12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
- 13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
- 14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.

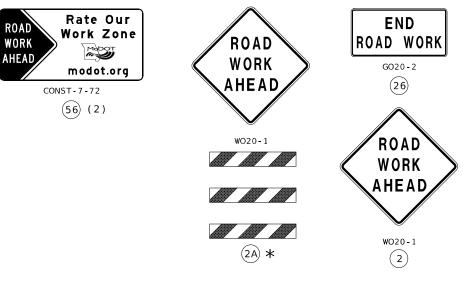


- (1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.
- (2) SIGN CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.
- (3) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.
- (4) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (5) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.



# TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)



\*SIGN 2A WITH AWRS MUST BE GROUND OR SKID MOUNTED. WARNER D. SHERMAN II NUMBER PE-26645

VANNA JAHANAN II - CIVIL. WARNER D. SHERMAN II - CIVIL.

MO-PE-26645 DATE PREPARED 9/28/2023

ROUTE STATE
VAR MO
DISTRICT SHEET NO
SW 5

COUNTY GREENE / CHR I ST I ON

JSU0058 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

N DATE DESCRIPTION

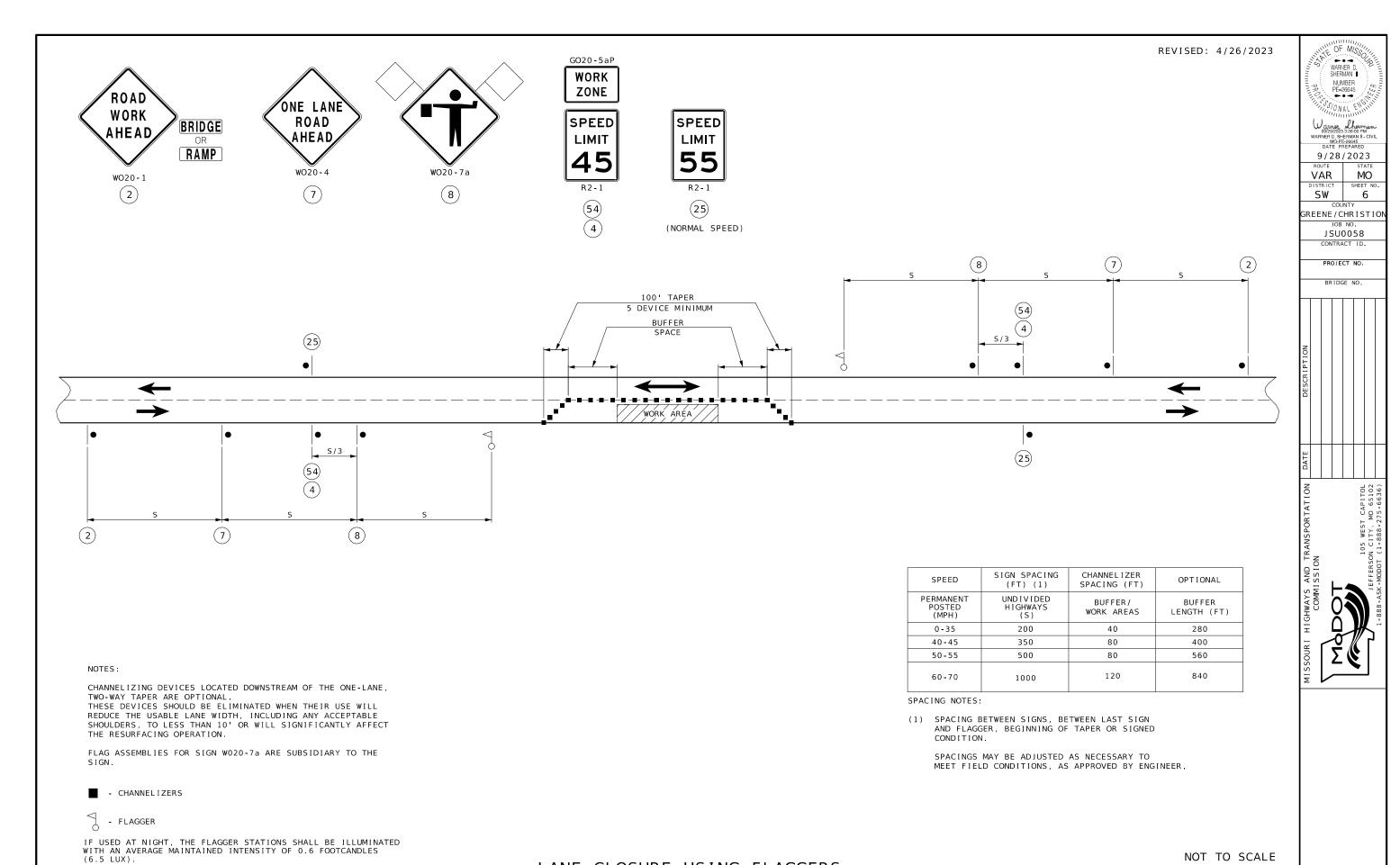
1 DATE DESCRIPTION

MODOT

105 WEST CAPITION

NOT TO SCALE

TRAFFIC CONTROL SHEET 2 OF 14



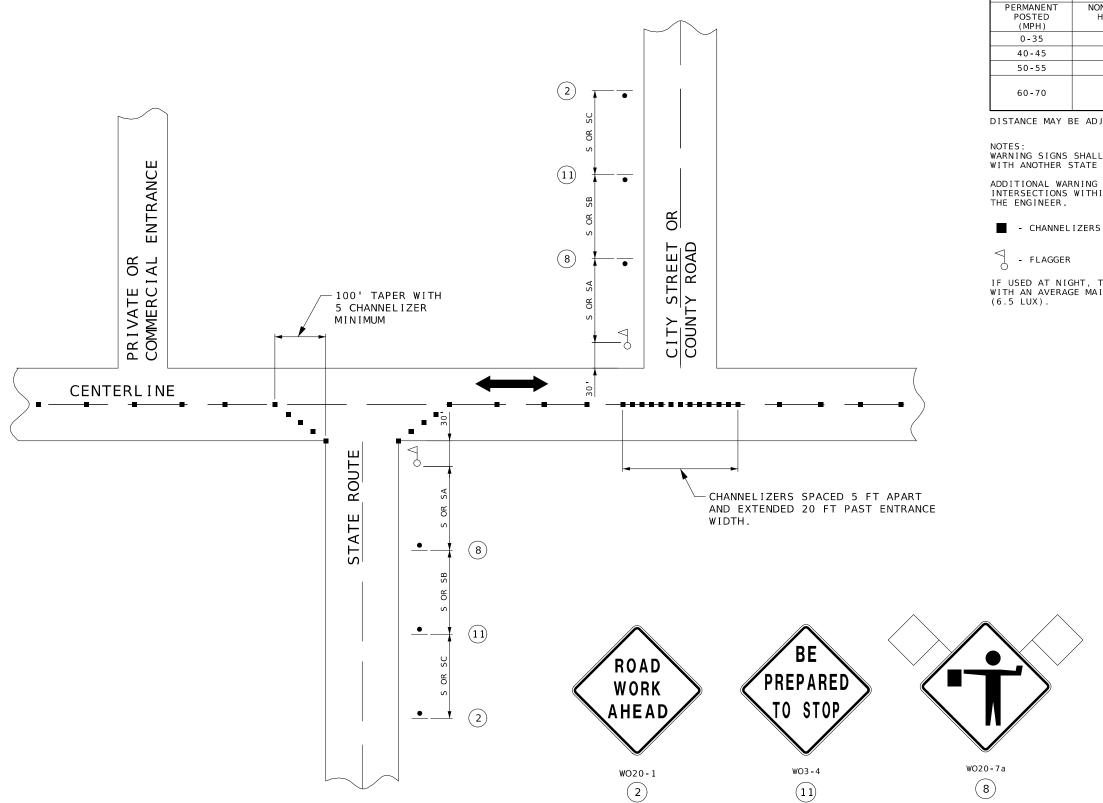
LANE CLOSURE USING FLAGGERS (UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL SHEET 3 OF 14

#### REVISED: 4/24/2023

# SIDE ROADS ENTERING WORK ZONES



SPEED	SIGN SPACING (FT.)							
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)						
0-35	200	200						
40-45	350	500						
50-55	500	1000						
60-70	1000	(SA) - 1000 (SB) - 1500 (SC) - 2640						

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

WARNER D. SHERMAN II PE-SONAL EN

Warner Lherman 9/28/2023 VAR MO

SW

GREENE/CHRISTIO

JSU0058 CONTRACT ID.

7

PROJECT NO.

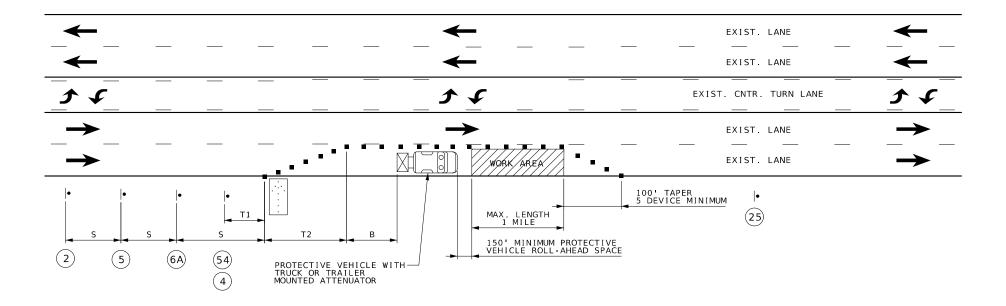
BRIDGE NO.

NOT TO SCALE

TRAFFIC CONTROL SHEET 4 OF 14

#### REVISED: 4/26/2023

## OUTSIDE LANE CLOSURE



SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL	CHANNELIZER SPACING (FT)		
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS	
0-35	200	70	245	280	35	40	
40-45	350	150	540	400	40	80	
50-55	500	185	660	560	50	80	
60-70	1000	235	840	840	60	120	

#### NOTES

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "RATE OUR WORK ZONE", "NO PHONE ZONE", AND "POINT OF PRESENCE", SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

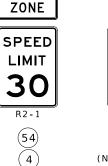
LAYOUT IS TYPICAL FOR EITHER DIRECTION.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.









GO20-5aP WORK



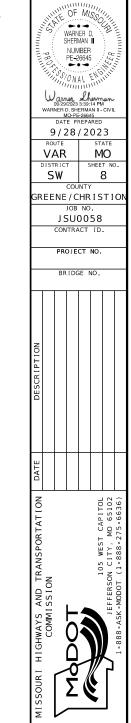
**SPEED** 

LIMIT

R2-1

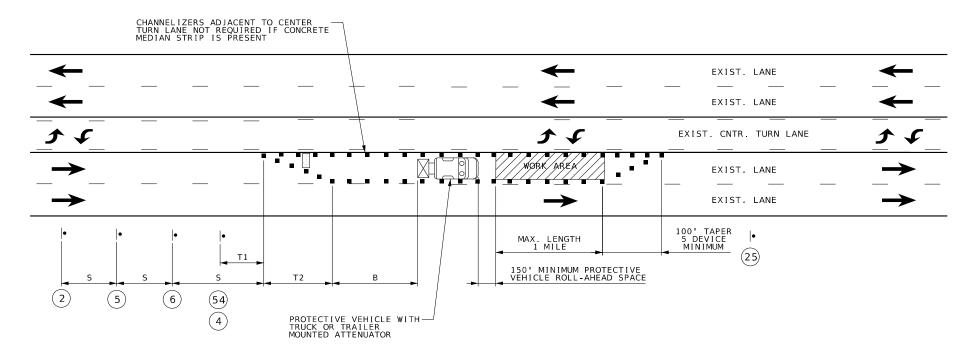
NOT TO SCALE

TRAFFIC CONTROL SHEET 5 OF 14



#### REVISED: 4/26/2023

## PASSING LANE CLOSURE



SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL		INELIZER ING (FT)	
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS	
0-35	200	70	245	280	35	40	
40-45	350	150	540	400	40	80	
50-55	500	185	660	560	50	80	
60-70	1000	235	840	840	60	120	

#### NOTES

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "RATE OUR WORK ZONE", "NO PHONE ZONE", AND "POINT OF PRESENCE", SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.









GO20-5aP WORK



(NORMAL SPEED)

**SPEED** 

LIMIT

NOT TO SCALE

TRAFFIC CONTROL SHEET 6 OF 14



SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER(1)	LANE (2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	280	35	40
40-45	500	150	540	400	40	80
50-55	1000	185	660	560	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	840	60	120

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

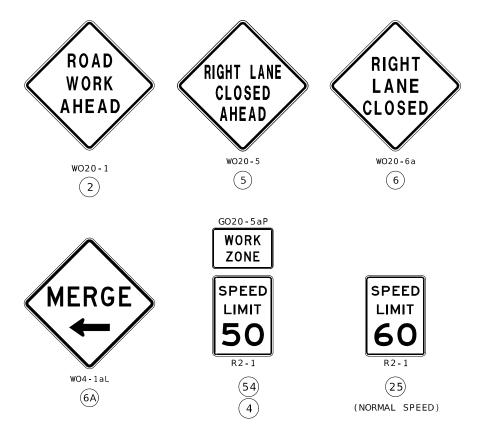
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

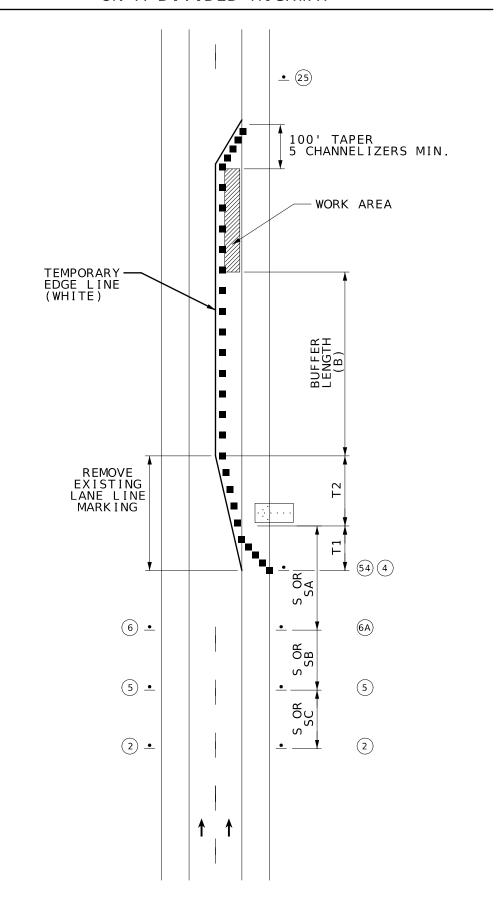
THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE, THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.



# STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY



WARNER D. SHERIMAN I PLEASE OF MISSON AL ENGINEER PROPOSED OF THE PROPOSED OF

REVISED: 8/3/2023

09/29/2023 3:40:31 PM WARNER D. SHERMAN II - CIVI MO-PE-26655 DATE PREPARED 9/28/2023

ROUTE STATE
VAR MO
DISTRICT SHEET NO
SW 10

GREENE/CHRISTIO

JOB NO.
JSU0058

CONTRACT ID.

DESCRIPTION

BAIDGE NO.

MADOT

1-588-ASK-MODOT (1-888-ASK-MODOT (1-888-ASK-MODOT

NOT TO SCALE

TRAFFIC CONTROL SHEET 7 OF 14

SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL		NELIZER ING (FT)
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER(1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	280	35	40
40-45	500	150	540	400	40	80
50-55	1000	185	660	560	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	840	60	120

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

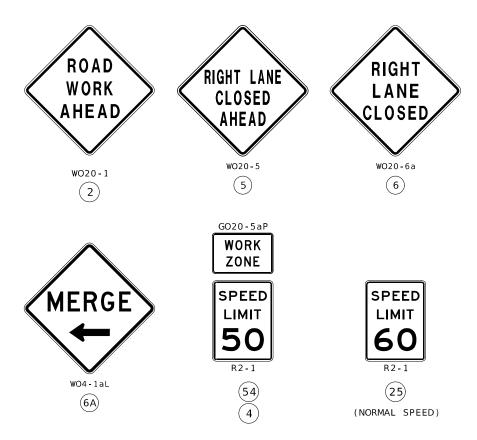
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

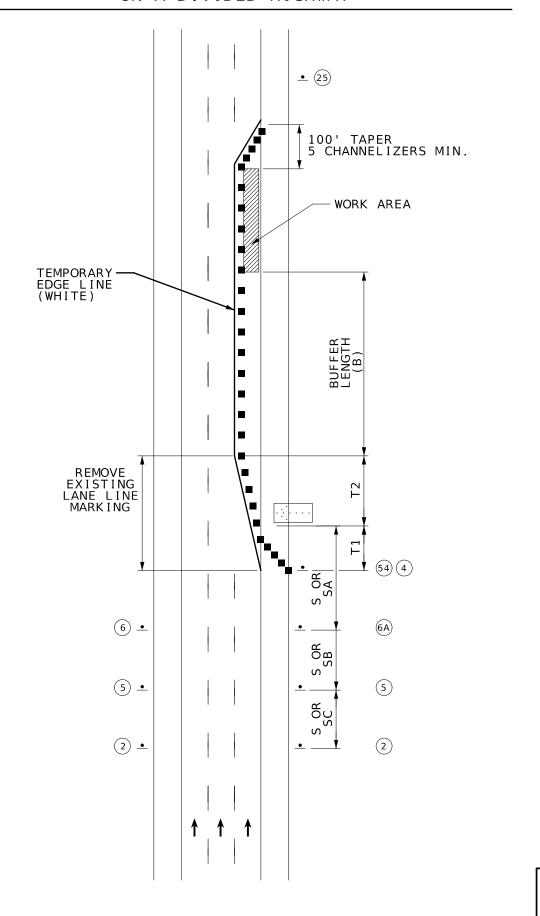
THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE, THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.



# STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY



OF M/S WARNER D. SHERMAN PE-26645

REVISED: 8/3/2023

09/29/2023 3:41:03 PM WARNER D. SHERMAN II - CIVIL MO-PE-26645 DATE PREPARED 9/28/2023

ROUTE STATE
VAR MO
DISTRICT SHEET NO
SW 11

GREENE/CHRISTIO

JOB NO.
JSU0058

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

ON DATE DESCRIPT

MISSOURI HIGHWAYS AND TRANSPORTAT COMMISSION

COMMISSION

105 WEST CAP

JEFFERSON CITY, MO 6

1-888-ASK-MODOT (1-888-275-6

NOT TO SCALE

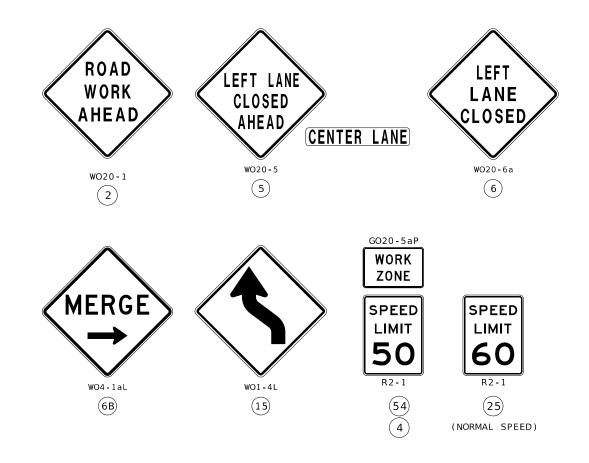
TRAFFIC CONTROL SHEET 8 OF 14

SPEED	SIGN SPACING (FT)	TAPER (F	LENGTH T)	OPTIONAL	LONG I - TUD I NAL		NELIZER ING (FT)
NORMAL POSTED (MPH)	DIVIDED (S)	SHOULDER(1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TRANSITION (X)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	280	490	35	40
40 - 45	500	150	540	400	1080	40	80
50-55	1000	185	660	560	1320	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	840	1680	60	120

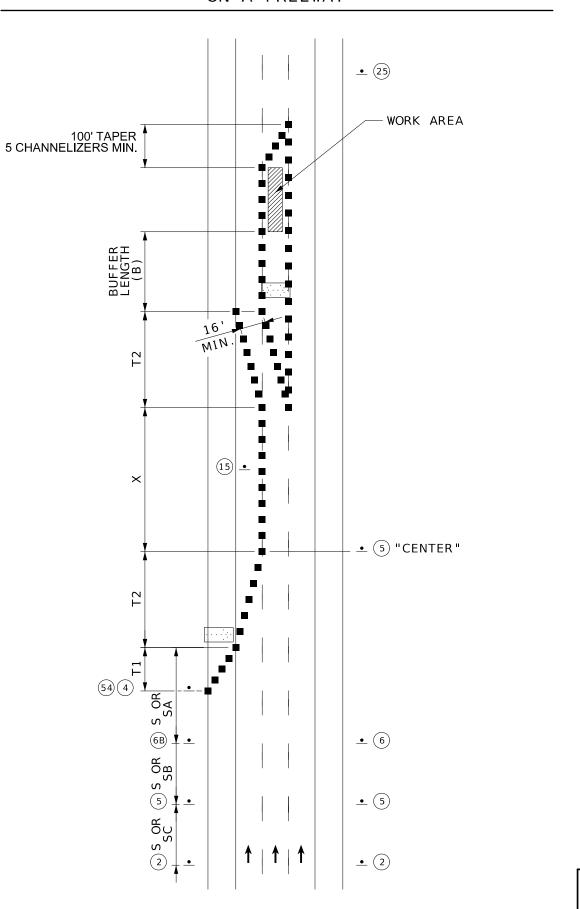
- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.



# INTERIOR LANE CLOSURE ON A FREEWAY



WARNER D.
SHERIMAN II
NUMBER
PE-26645

REVISED: 8/3/2023

09/29/2023 3:41:34 PM WARNER D. SHERMAN II - CIVI MO-PE-26645 DATE PREPARED 9 / 28 / 2023

ROUTE STATE
VAR MO
DISTRICT SHEET NO
SW 12

GREENE/CHRISTIO

JOB NO.

JSU0058

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

E DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPO COMMISSION

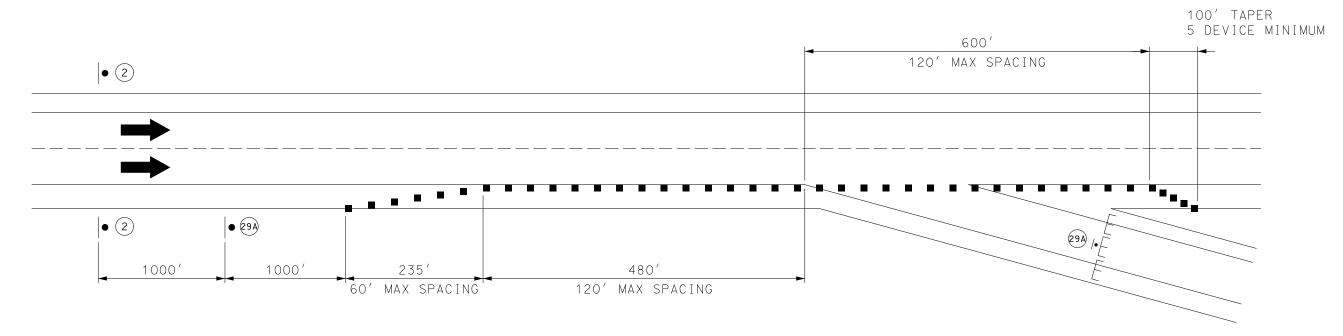
MADOT

105 WES

NOT TO SCALE

TRAFFIC CONTROL SHEET 9 OF 14

## RAMP CLOSURE



#### NOTES:

NO DIRECT PAY WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

# ROAD WORK **BRIDGE AHEAD** RAMP

#### TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER

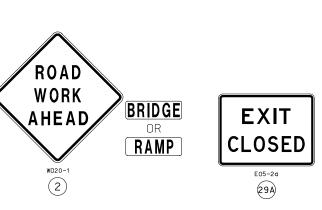


E TYPE 3 MOVEABLE
BARRICADES W/ LIGHTS
VIEW

FLASHING ARROW PANEL

NOT TO SCALE

TRAFFIC CONTROL SHEET 10 OF 14



WARNER D. SHERMAN II 9/28/2023 VAR MO

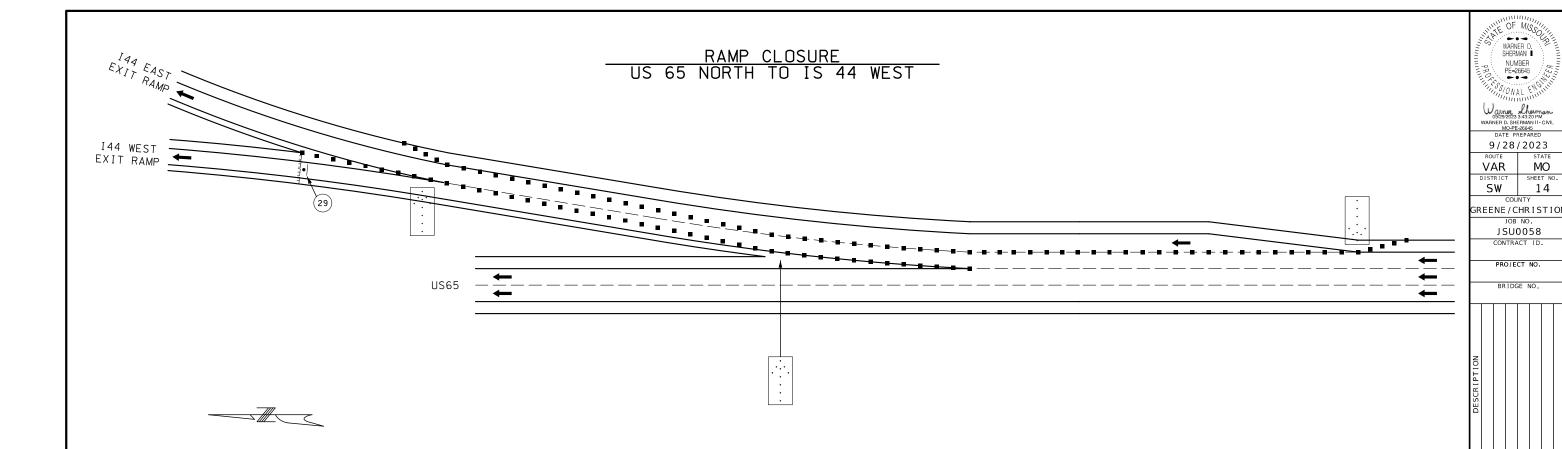
SW 13 GREENE/CHRISTIO

PROJECT NO.

JSU0058

BRIDGE NO.





TYPICAL VIEW

NO DIRECT PAY WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

#### TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER

E TYPE 3 MOVEABLE
BARRICADES W/LIGHTS
VIEW

FLASHING ARROW PANEL

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES									
MINIMUM SPFFD TAPER LENGTHS (L)			TAPER LENGTH SHOULDER (1) LANE (2)		MAXIMUM CHANNELIZER SPACING		OPTIONAL BUFFER		
	MPH (P)	FOR LAT	ERAL SHI	12 FT	(T1)	(T2)	THROUGH TAPER	THROUGH WORK AREA	LENGTH (B)
	0-35	205 FT	225 FT	245 FT	70 FT	245 FT	35 FT	40 FT	280FT
	40-45	450 FT	495 FT	540 FT	150 FT	540 FT	40 FT	80 FT	400FT
	50-55	550 FT	605 FT	660 FT	185 FT	660 FT	50 FT	80 FT	560FT
	60-70	700 FT	770 FT	840 FT	235 FT	840 FT	60 FT	120 FT	840FT





NOT TO SCALE

TRAFFIC CONTROL SHEET 11 OF 14



SH-FLAT SHEET; 1.500" Radius, No border, Green;

US 65 NB Log 53.235



SH-FLAT SHEET; 1.500" Radius, No border, Green;

US 65 NB Log 53.640

# CLOSED

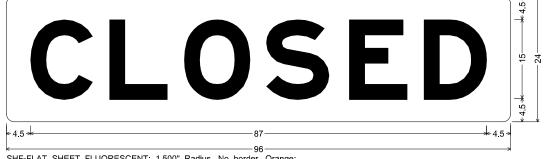
SHF-FLAT SHEET FLUORESCENT; 1.500" Radius, No border, Orange; [CLOSED] Black E Mod:

Table of letter and object lefts.

 C
 L
 O
 S
 E
 D

 4.500
 19.625
 33.875
 49.500
 65.250
 79.500

US 65 NB Log 53.740



SHF-FLAT SHEET FLUORESCENT; 1.500" Radius, No border, Orange; [CLOSED] Black E Mod:

Table of letter and object lefts.

 C
 L
 O
 S
 E
 D

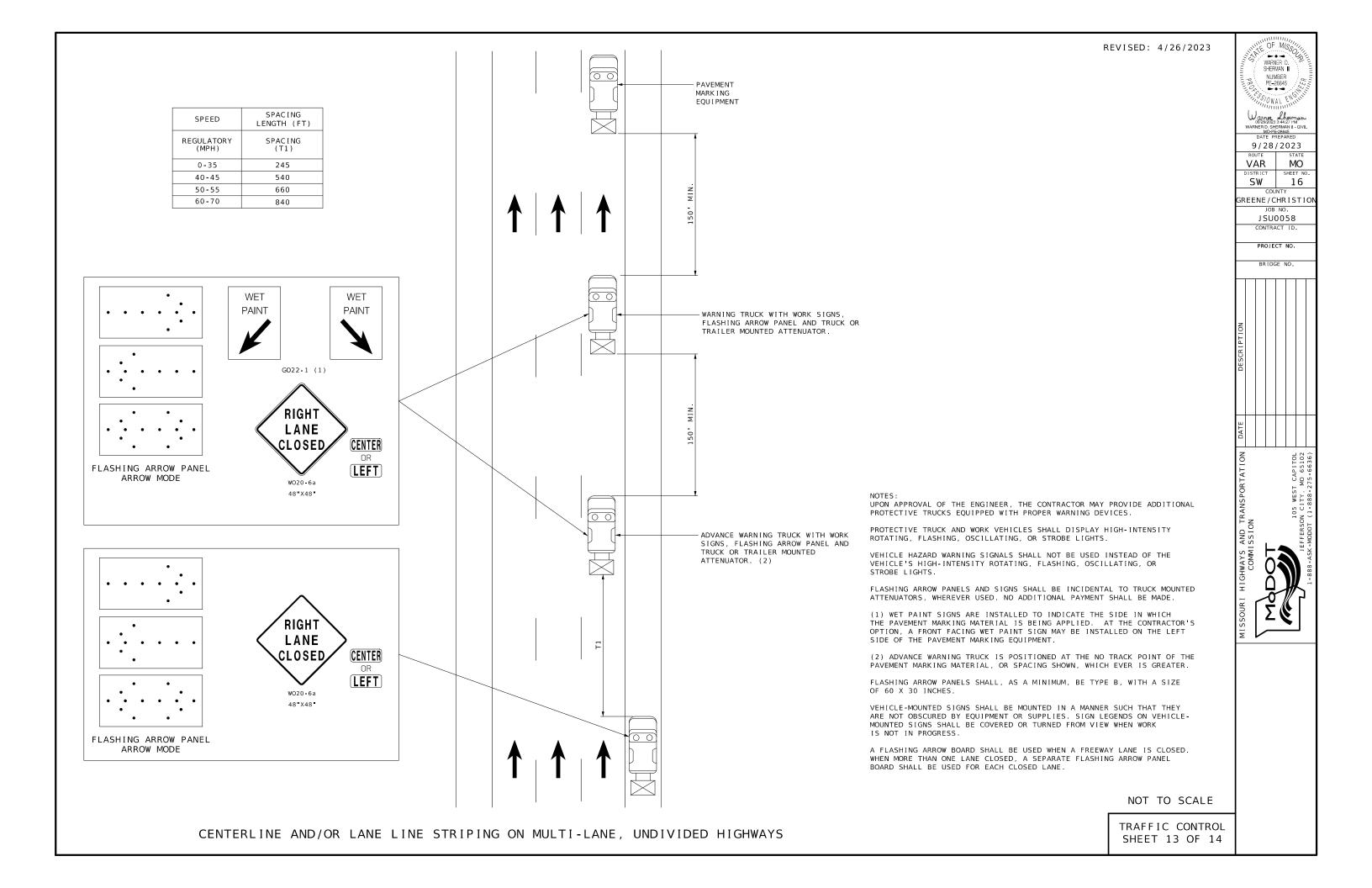
 4.500
 19.625
 33.875
 49.500
 65.250
 79.500

US 65 NB Ramp Log 0.122

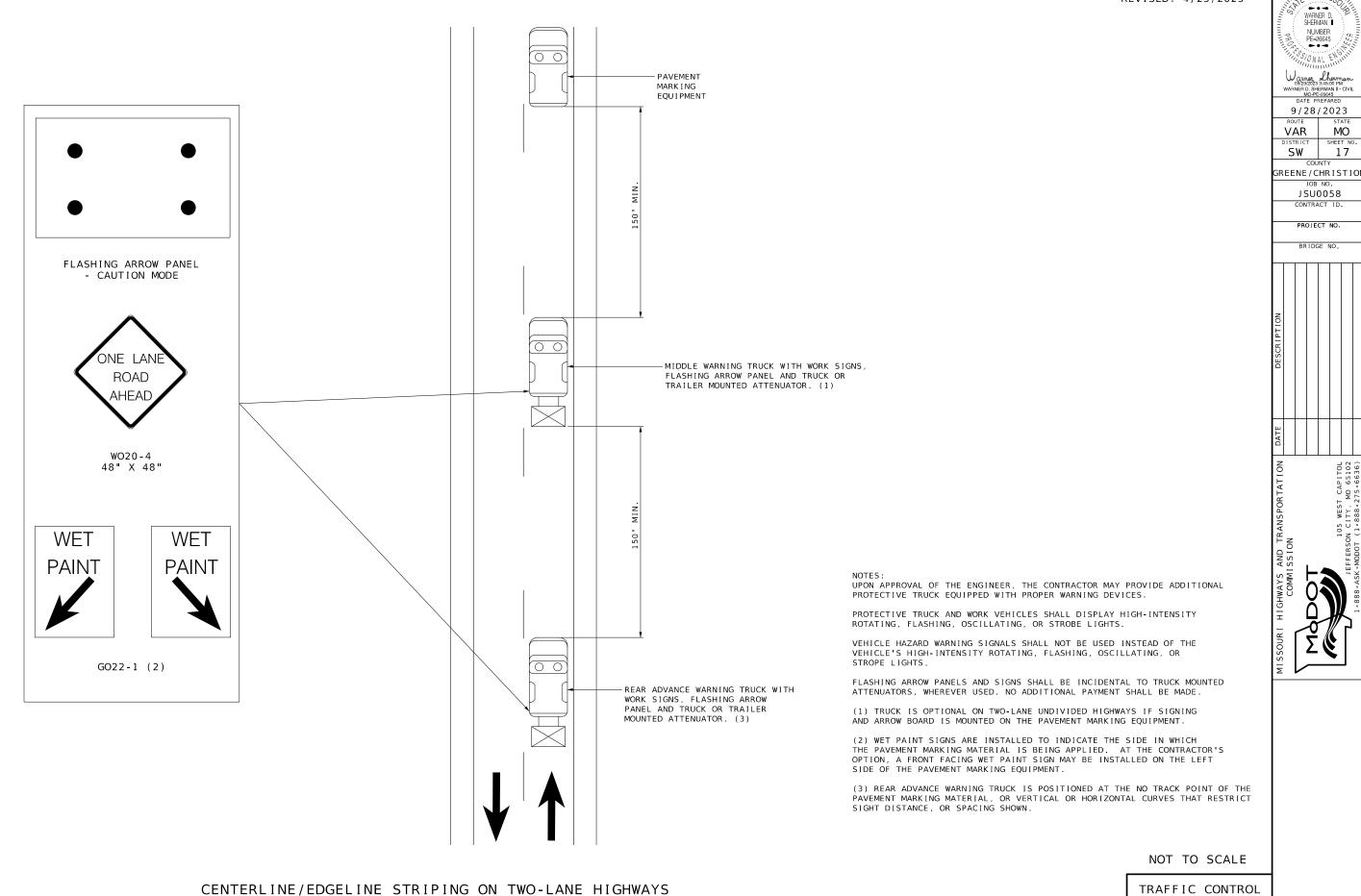
NOT TO SCALE

TRAFFIC CONTROL SHEET 12 OF 14

9/28/2023 VAR MO SW 15 GREENE/CHRISTIO JSU0058 CONTRACT ID. PROJECT NO. BRIDGE NO.



REVISED: 4/25/2023



TRAFFIC CONTROL SHEET 14 OF 14