

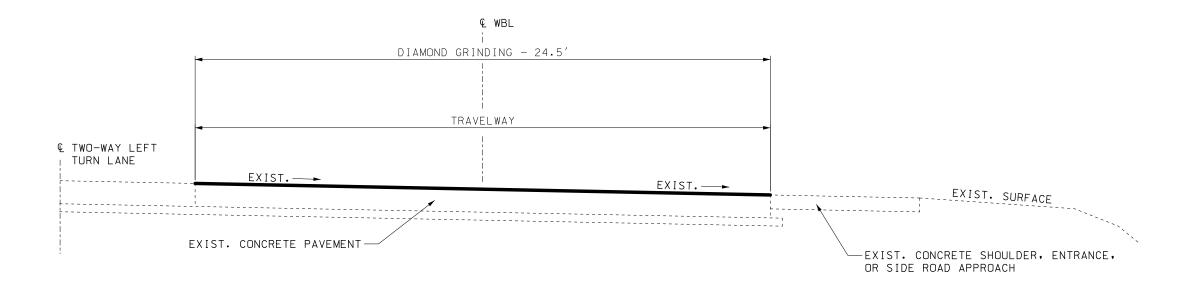
TYPICAL SECTION - UNDIVIDED EBL AND TWO-WAY LEFT TURN LANE

E.B.L. LOG MILE 219.736 TO LOG MILE 220.511 - 38.5' TURN LANE

E.B.L. LOG MILE 220.511 TO LOG MILE 220.595 - 38.5'-27' TAPER

BRIDGE EXCEPTION - LOG MILE 220.595 TO LOG MILE 220.646

E.B.L. LOG MILE 220.646 TO LOG MILE 220.719 - 27'-40' TAPER



TYPICAL SECTION - UNDIVIDED WBL

W.B.L. LOG MILE 0.758 TO LOG MILE 0.831

BRIDGE EXCEPTION - LOG MILE 0.831 TO LOG MILE 0.881

W.B.L. LOG MILE 0.881 TO LOG MILE 1.739

NOT TO SCALE

TYPICAL SECTION SHEET 2 OF 2

8/2/2021

MARION

J2P3281

PROJECT NO.

24

NE

	CLASS A PARTIAL DEPTH PAVEMENT REPAIR										
LOCATION	LENGTH	WIDTH	THICKNESS	FURNISHING AND PLACING	REMOVAL	DESCRIPTION					
				CONCRETE MATERIAL							
				QUANTITY							
	FT	FT	INCHES	C.Y.	S.Y.						
VARIOUS	4	5	4.5	65.3	523.0	235 REPAIRS - VARIOUS LOCATIONS IN THE EAST AND WEST BOUND LANES					
			TOTAL	65.7	F07.0						
			TOTAL	65.3	523.0						
NOTE: SIZE		ITY OF REPA	l Airs may var	Y, ACTUAL LOCATIONS AND SIZE	TO BE DE	I TERMINED BY THE ENGINEER.					

	FULL DEPTH PAVEMENT REPAIR													
LOCATION	PANEL	PANEL	FURNISHING AND	SUBGRADE	TYPE 1 OR 5	FULL DEPTH	DOWEL BAR	DOWEL BAR	TIE BAR	DESCRIPTION				
	LENGTH	WIDTH	PLACING CONCRETE	COMPACTION	AGGREGATE BASE	SAW CUT		WITH BASKETS						
			QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY					
	FT	FT	SQ.YD.	SQ.YD.	SQ.YD.	L.F.	EACH	EACH	EACH					
VARIOUS	6	12	205.5	21.0	21.0	702.0	280	20	10	22 REPAIRS AT VARIOUS LOCATIONS IN THE EAST AND WEST BOUND LANES				
		TOTAL	205.5	21.0	21.0	702.0	280	20	10					
NOTE: SUB	GRADE COM	PACTION AND A	AGGREGATE BASE ESTIMATE	D AT 10% OF FU	JRNISHING AND PLACING	CONCRETE, PER	MODOT EPG 613.3;	INTERNAL SAW CUTS A	RE INCLUDED	IN FULL DEPTH SAW CUT QUANTITY.				

SIZE AND QUANTITY OF REPAIRS MAY VARY, ACTUAL LOCATIONS AND SIZE TO BE DETERMINED BY THE ENGINEER. THICKNESS OF EXISTING CONCRETE PAVEMENT IS 9 INCHES FOR UNDIVIDED AND 12 INCHES FOR DIVIDED, BASED ON OLD PLAN INFORMATION.

SHEET	LOG MILE	LOG MILE	LENGTH	AVGE. WIDTH	QUANTITY	REMARKS
			FT	FT	SQ.YD.	
ST BOI	JND LANES			' '	34.15.	
2	217.003	217,295	1541.76	24.5	4198	TRAVELWAY LANES - DIVIDED
2	217.295	217.293	438.24	38.5	1875	TRAVELWAY LANES AND DECEL. LANE - CRD 351
2	217.378	217.899	2750.88	24.5	7489	TRAVELWAY LANES - DIVIDED
2	217.899	217.972	385.44	38.5	1649	TRAVELWAY LANES AND DECEL. LANE - CRD 353
2	217.972	218.852	4646.4	24.5	12649	TRAVELWAY LANES - DIVIDED
2	218.852	218.864	63.36	24.5	12043	TRAVELWAY EXCEPTION
2	218.864	218.969	554.4	12	740	DECEL. LANE ONLY - CRD 355
2	218.969	219,187	1151.04	-	-	TRAVELWAY EXCEPTION
2	219.187	219.736	2898.72	24.5	7891	TRAVELWAY LANES - DIVIDED
2	219.736	220.511	4092	38.5	17505	UNDIVIDED - BOTH LANES AND TWO WAY LEFT TURN LANE
2	220.511	220.511	443.52	32.5	1602	TRAVELWAY LANES AND TAPER - UNDIVIDED
2	220.511	220.646	269.28	72.3	-	RR BRIDGE EXCEPTION
2	220.646	220.719	385.44	33.5	1435	TRAVELWAY LANES AND TAPER - UNDIVIDED
2	220.719	220,740	110.88	25	308	TRAVELWAY LANES - DIVIDED
2	220.740	220.825	448.8	38	1895	TRAVELWAY LANES AND DECEL. LANE - DEPOT RD.
2	220.825	220.855	158.4	25	440	TRAVELWAY LANES - DIVIDED
2	220.855	220.927	380.16	38	1606	TRAVELWAY LANES AND DECEL, LANE - COMMERCIAL ENTRANCE
2	220.927	221.151	1182.72	25	3286	TRAVELWAY LANES - DIVIDED
	JND LANES	2211131	1102.12		3200	MATERIAL ENGO BITTIDED
2	0.319	0.462	755.04	25	2098	TRAVELWAY LANES - DIVIDED
2	0.462	0.514	274.56	38	1160	TRAVELWAY LANES AND DECEL. LANE - COMMERCIAL ENTRANCE
2	0.514	0.534	105.6	25	294	TRAVELWAY LANES - DIVIDED
2	0.534	0.615	427.68	38	1806	TRAVELWAY LANES AND DECEL. LANE - DEPOT RD.
3	0.615	0.758	755.04	25	2098	TRAVELWAY LANES - DIVIDED
4	0.758	0.831	385.44	24.5	1050	TRAVELWAY LANES - UNDIVIDED
5	0.831	0.881	264	-	-	RR BRIDGE EXCEPTION
6	0.881	1.739	4530.24	24.5	12333	TRAVELWAY LANES - UNDIVIDED
7	1.739	2.412	3553.44	24.5	9674	TRAVELWAY LANES - DIVIDED
2	2.412	2.493	427.68	38.5	1830	TRAVELWAY LANES AND DECEL, LANE - CRD 355 - DIVIDED
2	2.493	2.907	2185.92	24.5	5951	TRAVELWAY LANES - DIVIDED
2	3.368	3.463	501.6	12	669	DECEL. LANE ONLY - CRD 353 (BEYOND WB PROJECT LIMITS)
2	3.970	4.076	559.68	12	747	DECEL. LANE ONLY - CRD 351 (BEYOND WB PROJECT LIMITS)
				TOTAL	104278	

	CROSS STITCHING										
LOG MILE	LOC.	LENGTH	# PANELS	TIE BARS							
				EA.							
219.677	EBL	60	4	24							
2.161	WBL	106	7	42							
			TOTAL	66							

MOE	BILIZ	ATION
1	LUMP	SUM



8/2/2021

ROUTE STATE
24 MO

DISTRICT SHEET NO.

NE 3

COUNTY
MARION
JOB NO.
J2P3281
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IN DATE DESCRIPTION

SSOURI HIGHWAYS AND TRANSPORTATI
COMMISSION
MODOT

105 WEST CAPIT
JEFFERSON CITY. MO 651

QUANTITIES SHEET 1 OF 3

				PAV	EMENT MARKI	NG	
OG MILE	LOG MILE HIGH-BU	UILD WATERBORNE PAVEMENT MARKING PAINT				PREFORMED THERMOPLASTIC	REMARKS
		6" WHITE	4" YELLOW	6" YELLOW	24" YELLOW	PAVEMENT MARKING	
		TYPE L BEADS	TYPE I BEADS	TYPE I BEADS	TYPE P BEADS	LEFT/RIGHT ARROW	
		L.F.	L.F.	L.F.	L.F.	EACH	
ACT DOLLA	ID LANEC		L.F.	L.F.	L.F.	ЕАСП	
	ND LANES	07770.0					
217.003	221.151	27376.8	-	- 44700 70	-	-	EBL SOLID RT EDGELINE AND INTERMITTENT CENTERLINE - DIVIDED
217.003	219.727		-	14382.72	-	-	EBL SOLID LT EDGELINE - DIVIDED
219.727	219.805		823.68	-	-	-	EBL DOUBLE SOLID LT EDGELINE - UNDIVIDED
219.805	220.510		4653	_	-	-	EBL SOLID/INTERMITTENT LT EDGELINE - UNDIVIDED
220.510	220.568	-	612.48	-	-	-	EBL DOUBLE SOLID LT EDGELINE - UNDIVIDED
VAR.	VAR.		-	-570	-	-	EBL LT EDGELINE EXCEPTIONS AT CROSSOVERS - DIVIDED
220.568	221.151	<u>-</u>	_	3078.24	-	-	EBL SOLID LT EDGELINE - DIVIDED
220.518	220.712		-	-	173	-	SOLID YELLOW HASH BARS - UNDIVIDED
217.009	217.082	270	-	-	-	2	DOTTED EXTENSION / SOLID LANE LINES / ARROWS - DIVIDED
217.899	217.972	287	-	=	-	1	DOTTED EXTENSION / SOLID LANE LINES / ARROWS - DIVIDED
218.864	218.969	317	-		-	1	DOTTED EXTENSION / SOLID LANE LINES / ARROWS - DIVIDED
220.740	220.825	307	_	-	-	1	DOTTED EXTENSION / SOLID LANE LINES / ARROWS - DIVIDED
220.855	220.927	240	-	-	-	1	DOTTED EXTENSION / SOLID LANE LINES / ARROWS - DIVIDED
219.736	220.476	-	-	-	-	9	TWO-WAY LEFT TURN LANE ARROWS - UNDIVIDED
EST BOU	ND LANES						
0.319	2.907	17080.8	-	-	-	-	WBL SOLID RT EDGELINE AND INTERMITTENT CENTERLINE - DIVIDED
0.319	0.907	-	_	3104.64	-	-	WBL SOLID LT EDGELINE - DIVIDED
0.907	0.965	-	612,48	-	-	-	WBL DOUBLE SOLID LT EDGELINE - UNDIVIDED
0.965	1.670	=	4653	-	-	_	WBL SOLID/INTERMITTENT LT EDGELINE - UNDIVIDED
1.670	1.748	-	823.68	-	-	-	WBL DOUBLE SOLID LT EDGELINE - UNDIVIDED
1.748	2.907	-	_	6119.52	-	-	WBL SOLID LT EDGELINE - DIVIDED
VAR.	VAR.	_	_	-570	-	-	WBL LT EDGELINE EXCEPTIONS AT CROSSOVERS - DIVIDED
0.462	0.514	187	-	-	-	1	DOTTED EXTENSION / SOLID LANE LINES / ARROWS - DIVIDED
0.534	0.615	262	-	-	-	1	DOTTED EXTENSION / SOLID LANE LINES / ARROWS - DIVIDED
2.412	2.493	282	_	-	-	2	DOTTED EXTENSION / SOLID LANE LINES / ARROWS - DIVIDED
3.368	3.463	338	_	-	_	2	DOTTED EXTENSION / SOLID LANE LINES / ARROWS - DIVIDED
3.970	4.076	353	_	-	_	1	DOTTED EXTENSION / SOLID LANE LINES / ARROWS - DIVIDED
1.019	1.741	=	_	-	-	10	TWO-WAY LEFT TURN LANE ARROWS - UNDIVIDED
	TOTAL	47300.6	12178.32	25545.12	173	32	
	USE	47301	12179	25546	173	32	
OTE · PAVE		CLUDED FOR THE EAST BOUND ASPHALT DIAMOND GRINDING					

	GUARDRA I L													
SHEET	LOG MILE	LOG MILE	DIRECTION	MGS	MGS BRIDGE APPROACH	MASH	SHAPING	REMARKS						
				GUARDRAIL	TRANSITION SECTION	CRASHWORTHY	SLOPES							
					(REGULAR/NO CURB)	END TERMINAL	CLASS III							
				L.F.	EACH	EACH	STATION							
	220.588	220.616	EBL	62.5	1	1	1.5	SOUTHWEST CORNER OF BRIDGE						
	220.661	220.689	EBL	62.5	1	1	1.5	SOUTHEAST CORNER OF BRIDGE						
	0.806	0.834	WBL	62.5	1	1	1.5	NORTHEAST CORNER OF BRIDGE						
	0.879	0.907	WBL	62.5	1	1	1.5	NORTHWEST CORNER OF BRIDGE						
			TOTALS	250.0	4	4	6.0							
NOTE: SH	APING SLOPES	S CLASS III	, PROVIDED FO	R MASH CRASH	WORTHY END TERMINAL INSTAL	LATION.								

	REMOVAL OF IMPROVEMENTS											
SHEET	LOG MILE	LOG MILE	QUANTITY	DESCRIPTION								
	220.588	220.689	300	L.F.	REMOVAL OF EXISTING GUARDRAIL SOUTH END OF BRIDGE							
	0.806	0.907	300	L.F.	REMOVAL OF EXISTING GUARDRAIL NORTH END OF BRIDGE							
			TOTA	L - 1 LUMP	SUM							

OPTIONAL TEMPORARY PAVEMENT MARKING PAINT
1 LUMP SUM



SSOUR I HIGHWAYS AND TRANSPORTATION OF THE COMMISSION OF THE COMMISSION OF THE CONTRACT OF THE

QUANTITY SHEET SHEET 2 OF 3

												EFFECTIVE: 04-01-2021
TOTAL							QTY	TOTAL SIGN				
SIZE AREA QTY AREA	RELOC RELOC NUM	.		SIZE	AREA	. QTY	TOTAL RELOC	RELOC NUM.				
SIGN IN SQ.FT EACH SQ.FT.	1 1		SIGN		1		SQ.FT. EACH			ITEM	TOTAL	
WARNING S	<u> </u>	DESCRIPTION	1		<u> </u>		E SIGNS	•	DESCRIPTION	NUMBER		DESCRIPTION
WD1-1L 48X48 16.00	710113	TURN (SYMBOL LEFT ARROW)	E05-1	36¥48	12.00		7L 310N3		GORE EXIT	6122008	u i i	IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
WO1-1R 48X48 16.00		TURN (SYMBOL RIGHT ARROW)	E05-2		12.00				EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
WO1-2L 48X48 16.00		CURVE (SYMBOL LEFT ARROW)	E05-2a		12.00				EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
WD1-2R 48X48 16.00		CURVE (SYMBOL RIGHT ARROW)	G020-1		10.00		40.00		ROAD WORK NEXT X MILES-2@3,2@5	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
WO1-3L 48X48 16.00		REVERSE TURN (SYMBOL LEFT ARROW)	G020-2		8.00		32.00		END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
WO1-3R 48X48 16.00		REVERSE TURN (SYMBOL RIGHT ARROW)	G020-4		4.50	7	32.00		PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
WO1-4L 48X48 16.00		REVERSE CURVE (SYMBOL LEFT ARROW)	G020-4a		8.75				PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
WD1-4R 48X48 16.00		REVERSE CURVE (SYMBOL RIGHT ARROW)	G020-4a		1.50				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL
WO1-4bL 48X48 16.00		DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	G020-5al			12	72.00		WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)
WO1-4bR 48X48 16.00		DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	G022-1		2.20	4	8.80	37	WET PAINT W/ARROW	6123000		TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
WO1-4cL 48X48 16.00		TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	MO4-9L		12.00	1	0.00		DETOUR (LEFT ARROW)	6161008	-	ADVANCED WARNING RAIL SYSTEM
WO1-4cR 48X48 16.00		TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	MO4-9R		12.00	1			DETOUR (RIGHT ARROW)	6161012		BUOYS (BOATS KEEP OUT)
WO1-6 60X30 12.50		HORIZONTAL ARROW (SYMBOL)	MO4-9P		4.00	1			STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)
WO1-6a 72X36 18.00		HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L		6.00				DETOUR (ARROW LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
WO1-7 60X30 12.50		DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10E		6.00				DETOUR (ARROW RIGHT)	6161025		CHANNELIZER (TRIM LINE)
WO1-7a 72X36 18.00		DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	MO4 TOIL	THONIO	10.00		REGULATORY		DETOOK VAKKOW KTOITT)	6161030	+	TYPE III MOVEABLE BARRICADE
WO1-8 18X24 3.00		CHEVRON (SYMBOL)	1 R1-1	148748	13.25		INCOULATORT		STOP	6161033	10	DIRECTION INDICATOR BARRICADE
WO1-8a 30X36 7.50		CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI					YIELD	6161040	2	FLASHING ARROW PANEL
WO3-1 48X48 16.00		STOP AHEAD (SYMBOL)	R1-2a		9.00	1			TO ONCOMING TRAFFIC (PLAQUE)	6161047	+ -	TYPE III OBJECT MARKER
WO3-2 48X48 16.00		YIELD AHEAD (SYMBOL)	R1-3P		2.50	+ +			ALL WAY (PLAQUE)	6161051	1	WARNING LIGHT, TYPE A
WO3-3 48X48 16.00	 	SIGNAL AHEAD (SYMBOL)	R2-1		12.00	12	144.00		SPEED LIMIT XX (34, 45, 55, 65	6161052	1	WARNING LIGHT, TIPE A WARNING LIGHT, TYPE B
WO3-4 48X48 16.00	 	BE PREPARED TO STOP	R3-1		16.00				NO RIGHT TURN (SYMBOL)	6161053	1	WARNING LIGHT, TYPE C
WO3-5 48X48 16.00	 	SPEED LIMIT AHEAD	R3-2		16.00				NO LEFT TURN (SYMBOL)	6161070	1	TUBULAR MARKER
WO4-1L 48X48 16.00		MERGE (SYMBOL FROM LEFT)	R3-3		9.00				NO TURNS	6161095		RADAR SPEED ADVISORY SYSTEM
WO4-1R 48X48 16.00		MERGE (SYMBOL FROM RIGHT)	R3-4		16.00	,			NO U-TURN (SYMBOL)	1	1	CHANGEABLE MESSAGE SIGN,
WO4-1aL 48X48 16.00 2 32.00	19	MERGE (ARROW SYMBOL)	R3-7L		6.25				LEFT LANE MUST TURN LEFT	6161096		COMMISSION FURNISHED/RETAINED
WO4-1aR 48X48 16.00 2 32.00		MERGE (ARROW SYMBOL)	R3-7R		6.25				RIGHT LANE MUST TURN RIGHT	0.01000	2	CHANGEABLE MESSAGE SIGN W/O COMM.
WO5-1 48X48 16.00	137	ROAD/BRIDGE/RAMP NARROWS	R4-1		12.00	4	48.00		DO NOT PASS	6161098	\	INTERFACE, CONTRACTOR FURNISHED/RETAINED
WO5-3 48X48 16.00		ONE LANE BRIDGE	R4-2		12.00		48.00		PASS WITH CARE	01010307	1	CHANGEABLE MESSAGE SIGN WITH COMM.
WO5-5 48X48 16.00		NARROW LANES	R4-8a		12.00		40:00		KEEP LEFT (HORIZONTAL ARROW)	6161099		INTERFACE, CONTRACTOR FURNISHED/RETAINED
WO6-1 48X48 16.00		DIVIDED HIGHWAY (SYMBOL)	R4-7a		12.00		24.00		KEEP RIGHT (HORIZONTAL ARROW)	6162000		WORK ZONE TRAFFIC SIGNAL SYSTEM
WO6-2 48X48 16.00		DIVIDED HIGHWAY END (SYMBOL)	R5-1		6.25	, -	24.00		DO NOT ENTER	6162002	1	TEMPORARY LONG-TERM RUMBLE STRIPS
W06-3 48X48 16.00		TWO WAY TRAFFIC (SYMBOL)	R5-1a		6.00				WRONG WAY	6162004	4	TEMPORARY SHORT-TERM RUMBLE STRIPS
W07-3a 30X24 5.00		NEXT XX MILES (PLAQUE)	R6-1L		6.75				ONE WAY ARROW (LEFT)	0102004	+ -	TEMPORARY TRAFFIC BARRIER
WO8-1 48X48 16.00 4 64.00	60	BUMP	R6-1R		6.75				ONE WAY ARROW (RIGHT)	6173600		CONTRACTOR FURNISHED/RETAINED
WO8-2 48X48 16.00	00	DIP	R6-2L		5.00				ONE WAY (LEFT)	01130001	1	TEMPORARY TRAFFIC BARRIER
WO8-3 48X48 16.00		PAVEMENT ENDS	R6-2R		5.00				ONE WAY (RIGHT)	6173602	3	CONTRACTOR FURNISHED/COMMISSION RETAINED
WO8-4 48X48 16.00	 	SOFT SHOULDER	R9-9		2.00				SIDEWALK CLOSED	6174000		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
WO8-5 48X48 16.00		SLIPPERY WHEN WET (SYMBOL)	1113 3	21/1/2	2.00				SIDEWALK CLOSED AHEAD,	6175010		RELOCATING TEMPORARY TRAFFIC BARRIER
WO8-6 48X48 16.00		TRUCK CROSSING (WITH FLAGS)	_{R9-11L}	24X18	3.00				(ARROW LEFT) CROSS HERE	01130107	1	TEMPORARY TRAFFIC BARRIER
W08-6c 48X48 16.00		TRUCK ENTRANCE	11.3	IZ IX IO	3.00				SIDEWALK CLOSED AHEAD,	6176000	3	COMMISSION FURNISHED/RETAINED
WO8-7 36X36 9.00		LOOSE GRAVEL	$\ _{R9-11R}$	24X18	3.00				(ARROW RIGHT) CROSS HERE	01100001	1	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
W08-7a 36X36 9.00		FRESH OIL/LOOSE GRAVEL	R10-6		6.00				STOP HERE ON RED (45° ARROW)	6177000	3	COMMISSION FURNISHED/RETAINED
W08-9 48X48 16.00	 	LOW SHOULDER	R11-2		_	, 			ROAD CLOSED	6208064		TEMPORARY RAISED PAVEMENT MARKER
W08-11 48X48 16.00	 	UNEVEN LANES	1	10000	1.0.00	+ +			ROAD CLOSED XX MILES AHEAD	9029400		TEMPORARY TRAFFIC SIGNALS
W08-12 48X48 16.00 6 96.00	35	NO CENTER LINE	_{R11-3a}	160×30	12.50	,			LOCAL TRAFFIC ONLY	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
VO8-15 48X48 16.00 8 98.00	 	GROOVED PAVEMENT		60X30					ROAD CLOSED TO THRU TRAFFIC	3323701	+	
/08-15P 30X24 5.00	 	MOTORCYCLE (PLAQUE)	CONST-3				40.00		FINE SIGN		+	
08-13F 30X24 3:00 08-17 48X48 16.00	 	SHOULDER DROP-OFF (SYMBOL)	CONST-3						SPEEDING/PASSING (PLATE)		+	
08-17 40X40 16:00 08-17P 30X24 5:00	 	SHOULDER DROP-OFF (PLAQUE)	1001131 3	110011Z	1.01		MISCELLANE		o, EEDINO/TAGGINO (TEATE)		+	
V10-1 42RND. 9.62	 	RAILROAD CROSSING	CONST-5	48¥36	12 00		MIJOLLLANE		POINT OF PRESENCE		+	
W012-1 24X24 4.00	 	DOUBLE DOWN ARROW (SYMBOL)	CONST-5				64.00		POINT OF PRESENCE		+	
V012-1 24X24 4.00 V012-2 48X48 16.00	 	LOW CLEARANCE (SYMBOL)	CONST-7				01.00		RATE OUR WORK ZONE		+	
/012-2X 24X18 3.00	 	LOW CLEARANCE (PLAQUE)	CONST-7				18.00		RATE OUR WORK ZONE		1	
W012-2d 84X24 14.00	 	OVERHEAD LOW CLEARANCE (FEET AND INCHES)	CONST-8						WORK ZONE NO PHONE ZONE	_		
V012-20 84X24 14.00 V012-4 120X60 50.00		LOW CLEARANCE XX FT XX IN XX MILES AHEAD	1 001731-0	10000	12.00		21.00	33	HOTH ZONE NO FRONE ZUNE			
/012-5 120X60 50.00		WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	1	+		+ +						
/013-1 30X30 6.25		ADVISORY SPEED (PLAQUE)	1	+		+ +						
V016-2 30X24 5.00		XXX FEET (PLAQUE)	1	+		+ +						
V016-2 30X24 5.00 V016-3 30X24 5.00		XX FEET (PLAQUE)	11	1		+ +						
W020-1 48X48 16.00 24 384.00	1 1	ROAD/BRIDGE/RAMP WORK AHEAD	11	1		+ +						
W020-1 48X48 16.00 24 384.00 W020-2 48X48 16.00	1 2	DETOUR AHEAD	+	1	_	+ +						
				+	-	+ +		 				
W020-3 48X48 16.00		ROAD CLOSED AHEAD	616 10	1 05	1	1	TOTAL					
W020-4 48X48 16.00	-	ONE LANE ROAD AHEAD	616-10		ואו כדי		TOTAL					
W020-5 48X48 16.00 4 64.00	+ + + 5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD	CONSTR		12 אוע	במט	1433	TOTAL				
W020-5a 48X48 16.00		2 RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10		TONG			TOTAL				
W020-6a 48X48 16.00 8 128.00	+ + + 6	RIGHT/CENTER/LEFT LANE CLOSED	RELOCA	VIED S	2 I G N 2			0				
W020-7a 48X48 16.00	 	FLAGGER (SYMBOL, WITH FLAGS)	4									
WO21-2 36X36 9.00		FRESH OIL	1									

TURN OFF 2-WAY RADIO AND PHONE

BLASTING ZONE AHEAD

WET PAINT (ARROW PIVOTS)

END BLASTING ZONE

FRESH OIL 21 SHOULDER WORK AHEAD

W021-2 36X36 9.00

WO22-1 48X48 16.00

W022-2 42X36 10.50

W022-3 42X36 10.50

G022-1 21X15 2.19

W021-5 48X48 16.00 2 32.00

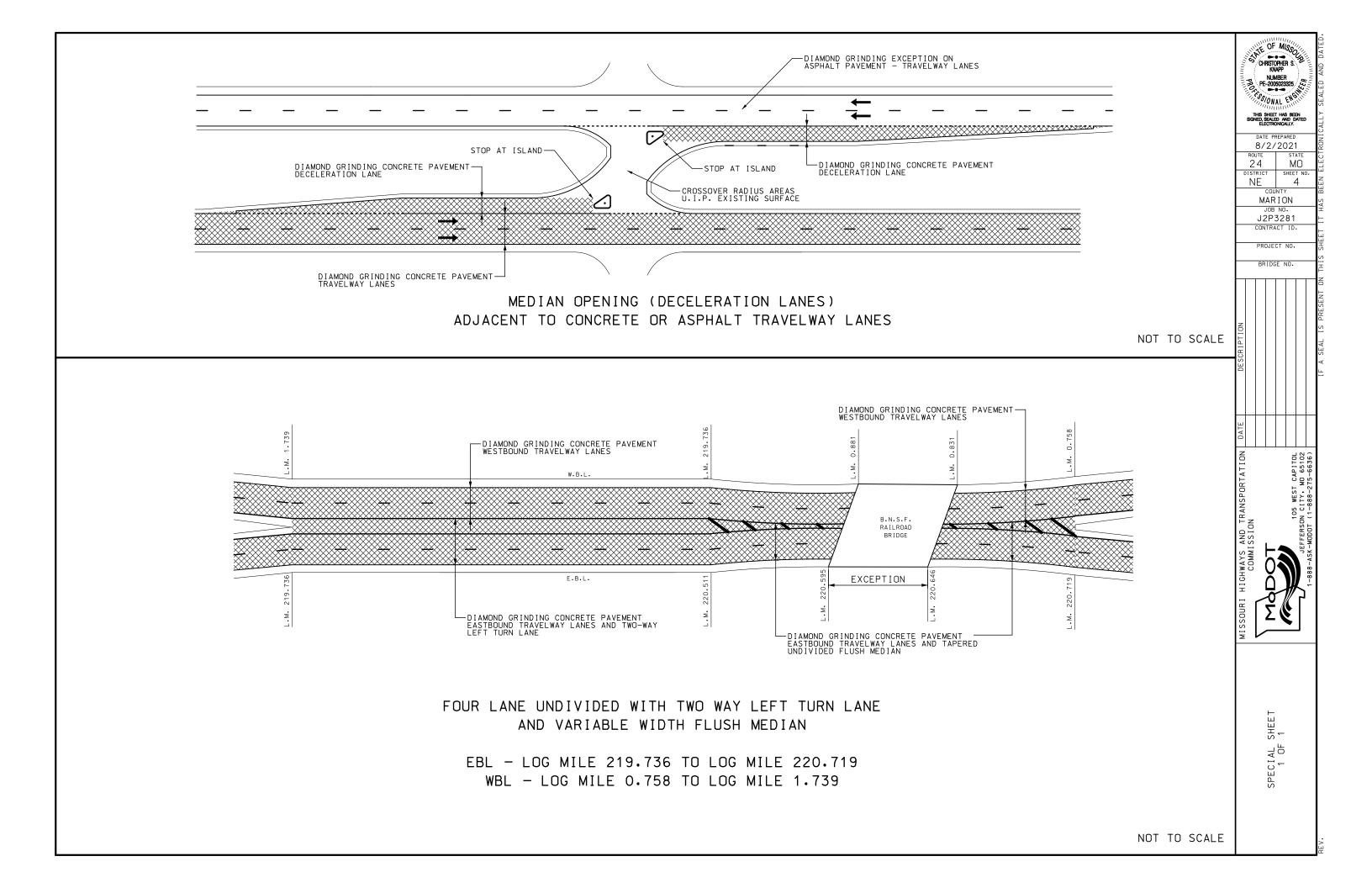


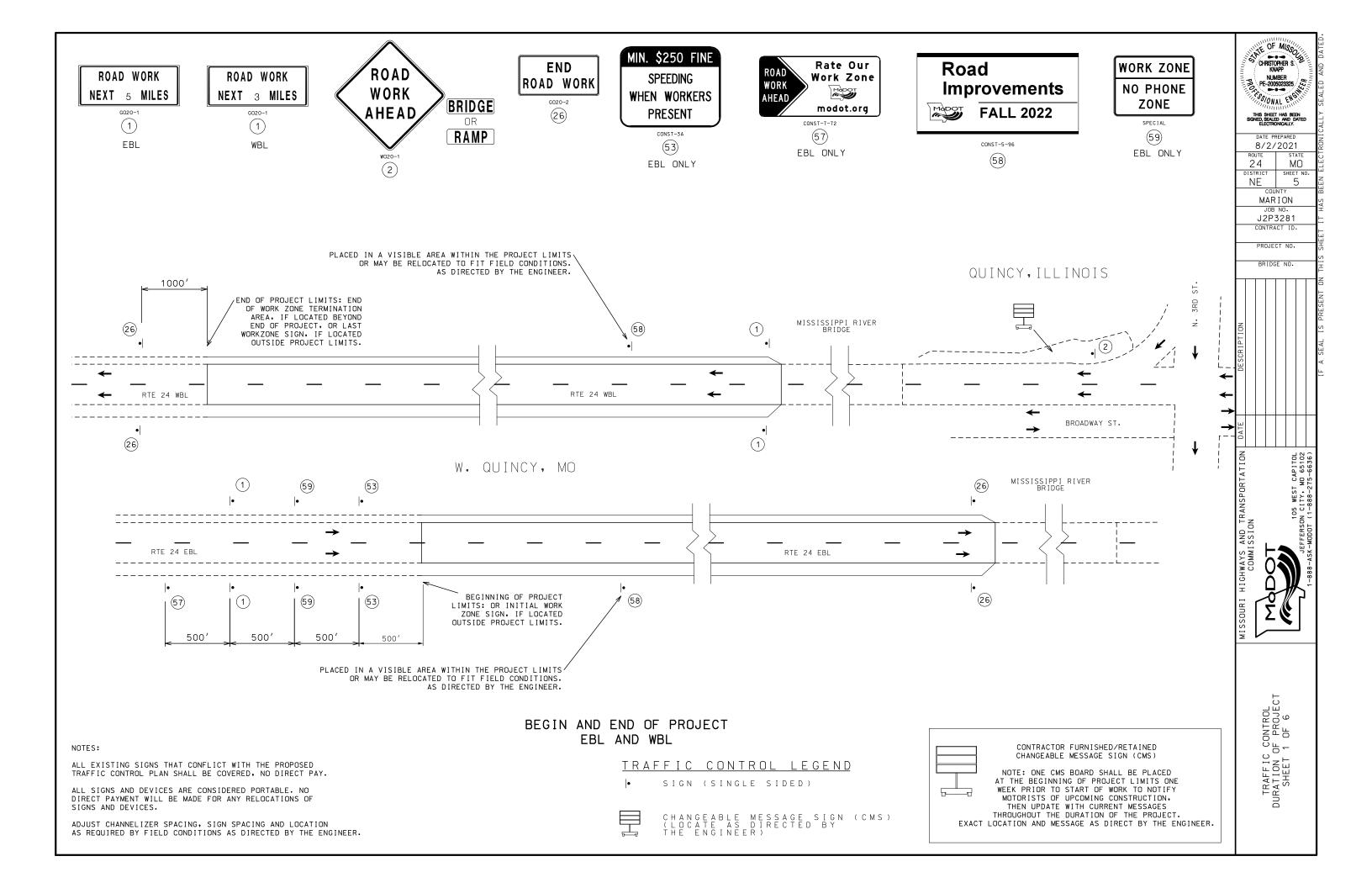
B/2/2021
ROUTE STATE
2.4 MO
STRICT SHEET NO.
NE 3
COUNTY

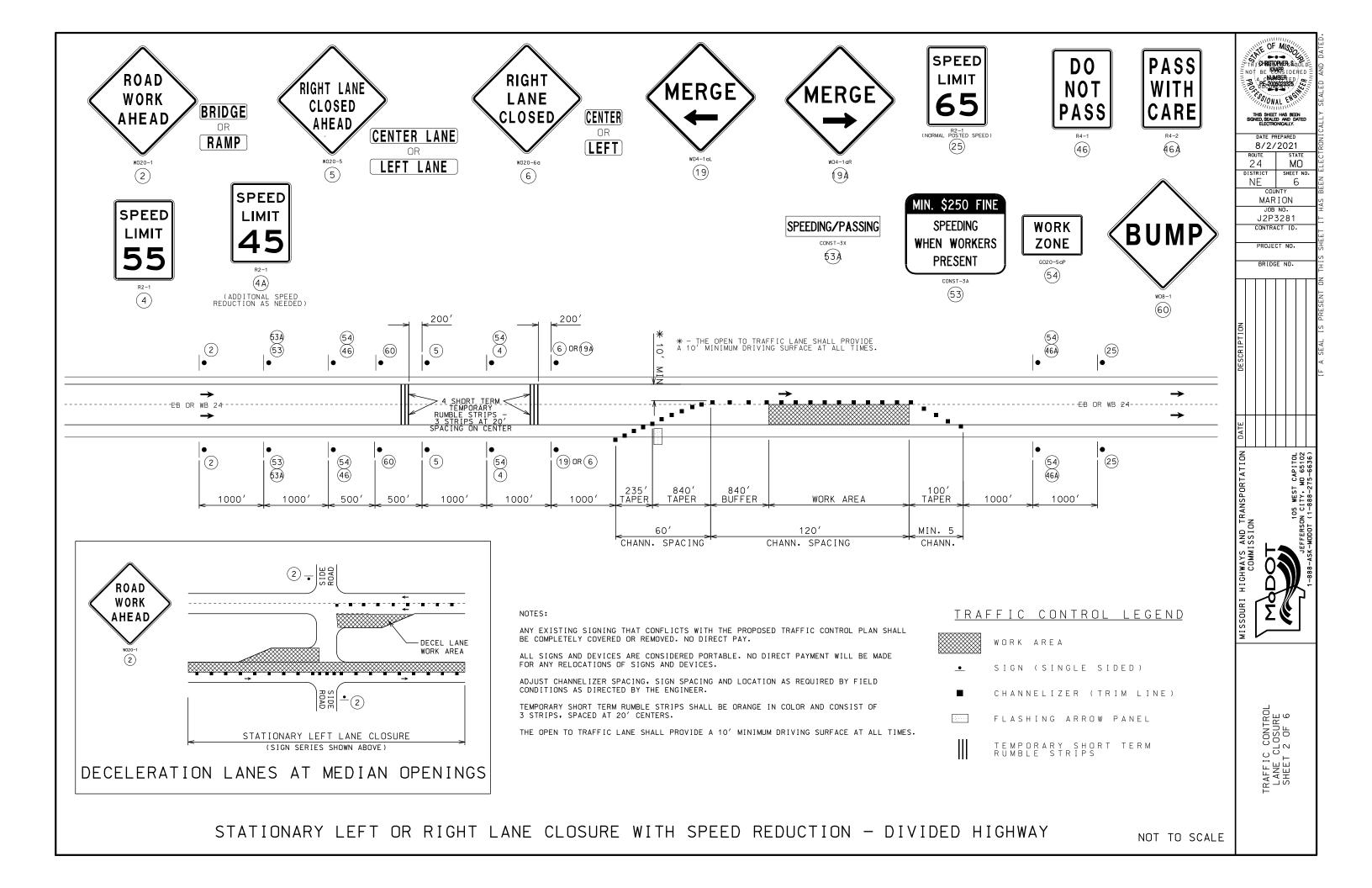
MARION JOB NO.
J2P3281
CONTRACT ID.

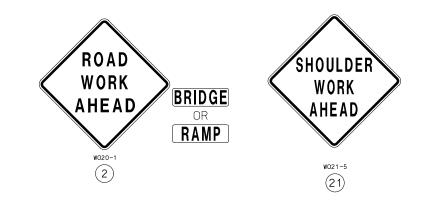
PROJECT NO.

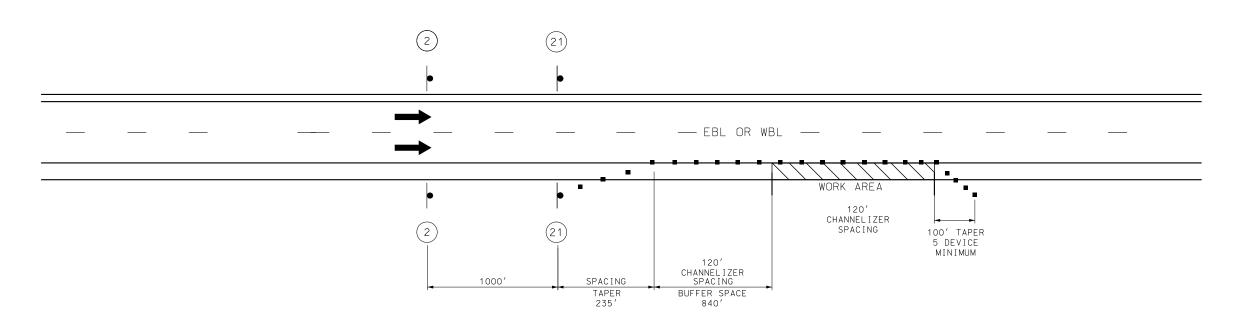
BRIDGE NO.







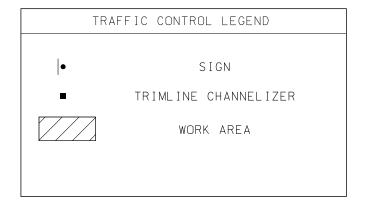




GENERAL NOTES

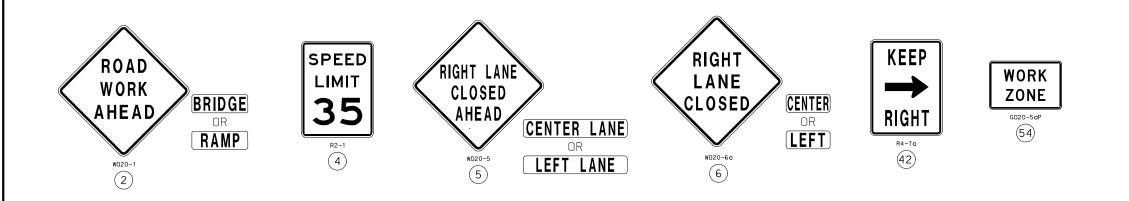
- 1. USE IN PLACE ALL SIGNS WHICH DO NOT CONFLICT WITH THIS PLAN. COVER OR REMOVE CONFLICTING SIGNS.
- 2. SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
- 3. ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.
- 4. SIGN #21 DOES NOT NEED AN AWRS IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.

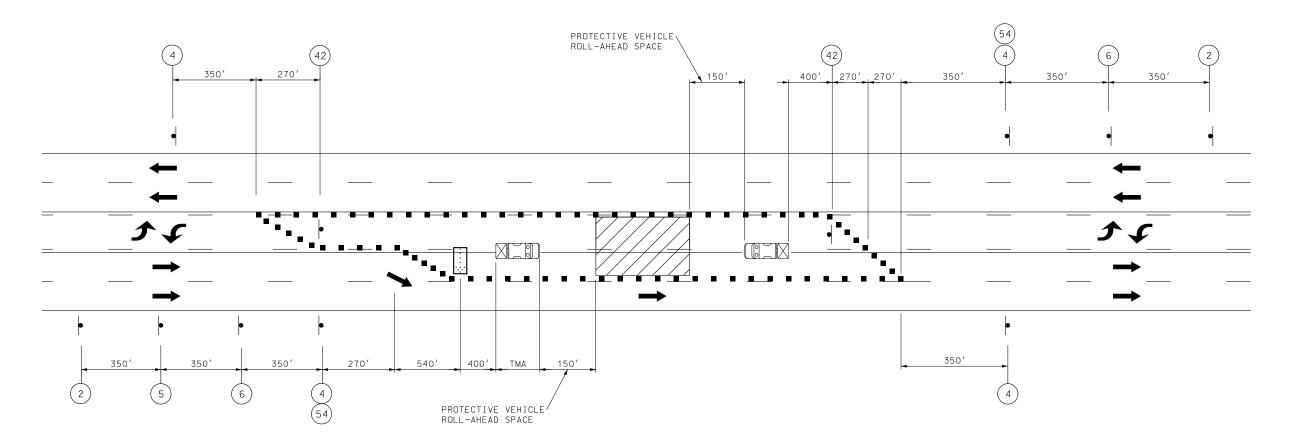
SHOULDER WORK
TWO-LANE DIVIDED HIGHWAY



PE-20LOW THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY. 8/2/2021 24 MΩ SHEET NO NE MARION JOB NO. J2P3281 CONTRACT ID. PROJECT NO. BRIDGE NO.

> TRAFFIC CONTOL SHEET SHOULDER WORK SHEET 3 OF 6





GENERAL NOTES

USE IN PLACE ALL SIGNS WHICH DO NOT CONFLICT WITH THIS PLAN. COVER OR REMOVE CONFLICTING SIGNS.

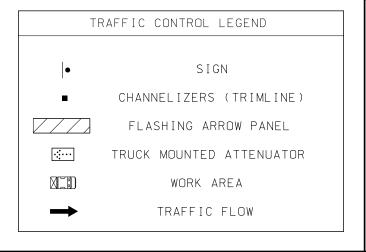
SIGN AND DEVICE SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

ROAD WORK AHEAD SIGN NOT NEEDED IF WORK AREA IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.

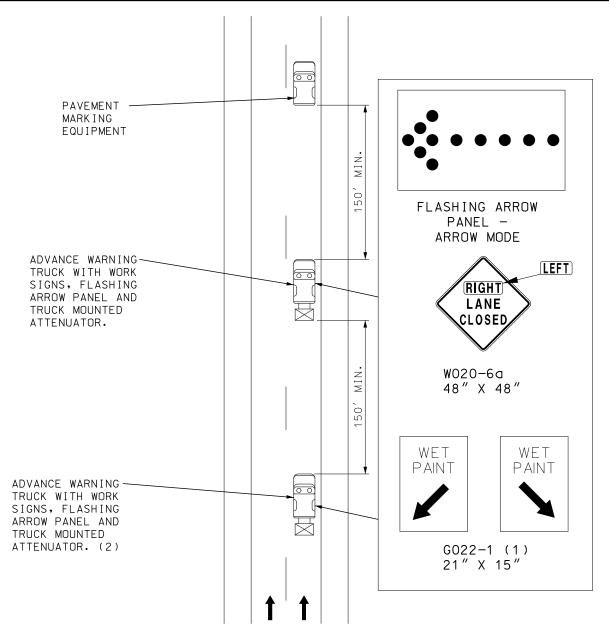
REDUCED SPEED LIMIT IS POSTED SPEED LIMIT MINUS 10 MPH WITH A MINIMUM SPEED LIMIT OF 35 MPH.

OPERATIONS IN A TWO-WAY LEFT TURN LANE MULTI-LANE UNDIVIDED



PE-200 THIS SHEET HAS BEEN SIGNED, SEALED AND DATE 8/2/2021 24 MΩ SHEET NO NE 8 MARION J2P3281 CONTRACT ID PROJECT NO. BRIDGE NO.

> TRAFFIC CONTOL SHEET LEFT & CENTER LANE CLOSURE SHEET 4 OF 6



MULTI-LANE DIVIDED HIGHWAY PAVEMENT MARKING

MOVING OPERATION ON HIGHWAY OPEN TO TRAFFIC

NOTES:

UPON ARRIVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

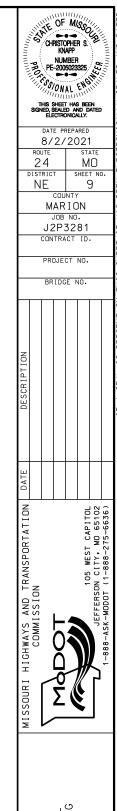
VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

- (1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.
- (2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICH EVER IS GREATER.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH SIZE OF 60 X 30 INCHES.

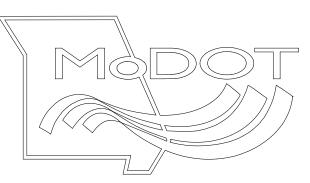
VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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

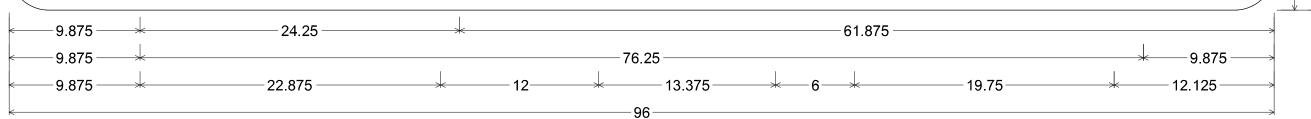


TRAFFIC CONTROL SAVEMENT MARKIN SHFFT 5 OF 6





Fall 2022



CONST-5-96 SH-FLAT SHEET; 3.000" Radius, 1.000" Border, White on Blue;

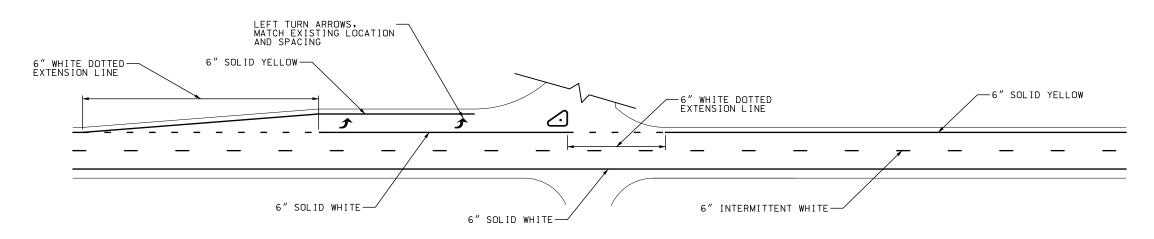
[Road] D; [Improvements] D; [Fall 2022] D;

Table of letter and object lefts.

R	75	0	a 22 425	d								
9.8	75	17.125	23.125	29.750								
I		Э	р	r	0	٧	е	m	е	n	t	S
9.8	75	14.000	24.000	30.625	35.000	41.000	47.625	54.250	63.750	70.375	76.750	81.625
		F	a	1	1	2	0	2	2			
9.8	75	44.750	49.000	54.375	57.250	64.125	69.375	74.625	79.875			

"HHIIIIIII"	PROXI	PE	RISTO	APP MBEF 5023	325 ENG	NATE OF STREET
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			IDG			
DESCRIPTION						
DATE						
MISSOURI HIGHWAYS AND TRANSPORTATION	COMMISSION				105 WEST CAPITOL	JEFFERSON CITY, MO 65102

TRAFFIC CONTROL POINT OF PRESENCE SI SHEET 6 OF 6



PAVEMENT MARKING DIVIDED TRAVELWAY AND MEDIAN OPENING (DECEL LANES BOTH DIRECTIONS)

NOTE:

DOTTED EXTENSION LINES (3' STRIPE WITH 9' GAP) TO BE ADDED AT DECEL, LANES AT MEDIAN OPENINGS, ALL OTHER PAVEMENT MARKING TO MATCH EXISTING. FIELD VERIFY LOCATIONS AND QUANTITIES.

REFER TO EPG SECTION 620 AND THE MUTCD FOR FURTHER GUIDANCE.



NOT TO SCALE