DESIGN DESIGNATION

A.A.D.T. - 2023 = 8000 A.A.D.T. - 2043 = 9000 D.H.V. = 900 T = 10% V = 35, 45 M.P.H. D = 50%

FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

RIGHT OF WAY WILL NOT BE ACQUIRED FOR THIS PROJEC

CONVENTIONAL SYMBOLS :

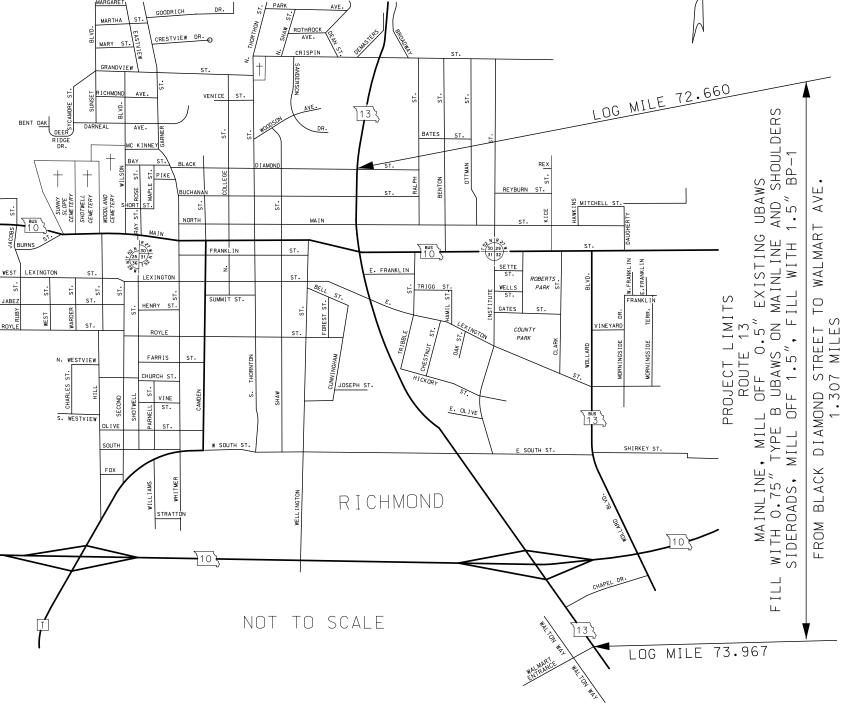
(USED IN FLANS) /	
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER UTILITIES	0000	
FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	-FO- -OTV- -UTV- -OT- -UT- -OE- -UE- -S- -SS- -G-	-F8- -0TV- -UTV- -0T- -0E- -UE- -\$- -\$\$- -6- -#
MANHOLE	D	€
FIRE HYDRANT	HAD	3
WATER VALVE	wv_C	€
WATER METER	ww ⊕	€
DROP INLET	• -	
DITCH BLOCK	=	=
GROUND MOUNTED SIGN	SIGN_	_
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST	PED \ \ \X BM	·—
BENCHMARK	вм (×	ð

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

RAY COUNTY



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.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (3 SHEETS)	2
QUANTITIES (QU) (9 SHEETS)	3
SPECIAL SHEETS (SS)	4-6
TRAFFIC CONTROL SHEETS (TC)	7-23

07/27/2023 JACLYN A W MO-PE-20	9:55:10 AM /HITE - CIVIL 003001116
DATE PE	REPARED
7/25/	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO
KC	1
cou	NTY
R.A	
	NO.
J3P3	108B

PROJECT NO.

BRIDGE NO.

CONTRACT ID

LENGTH OF PROJECT

BEGINNING OF PROJECT LOG MILE 72.660
END OF PROJECT LOG MILE 73.967

APPARENT LENGTH 6900.96 FEET

EQUATIONS AND EXCEPTIONS:

MISSOURI HIGHWAYS AND TRANSP COMMISSION

MODOT

105 WE

TOTAL CORRECTIONS

0.00 FEET

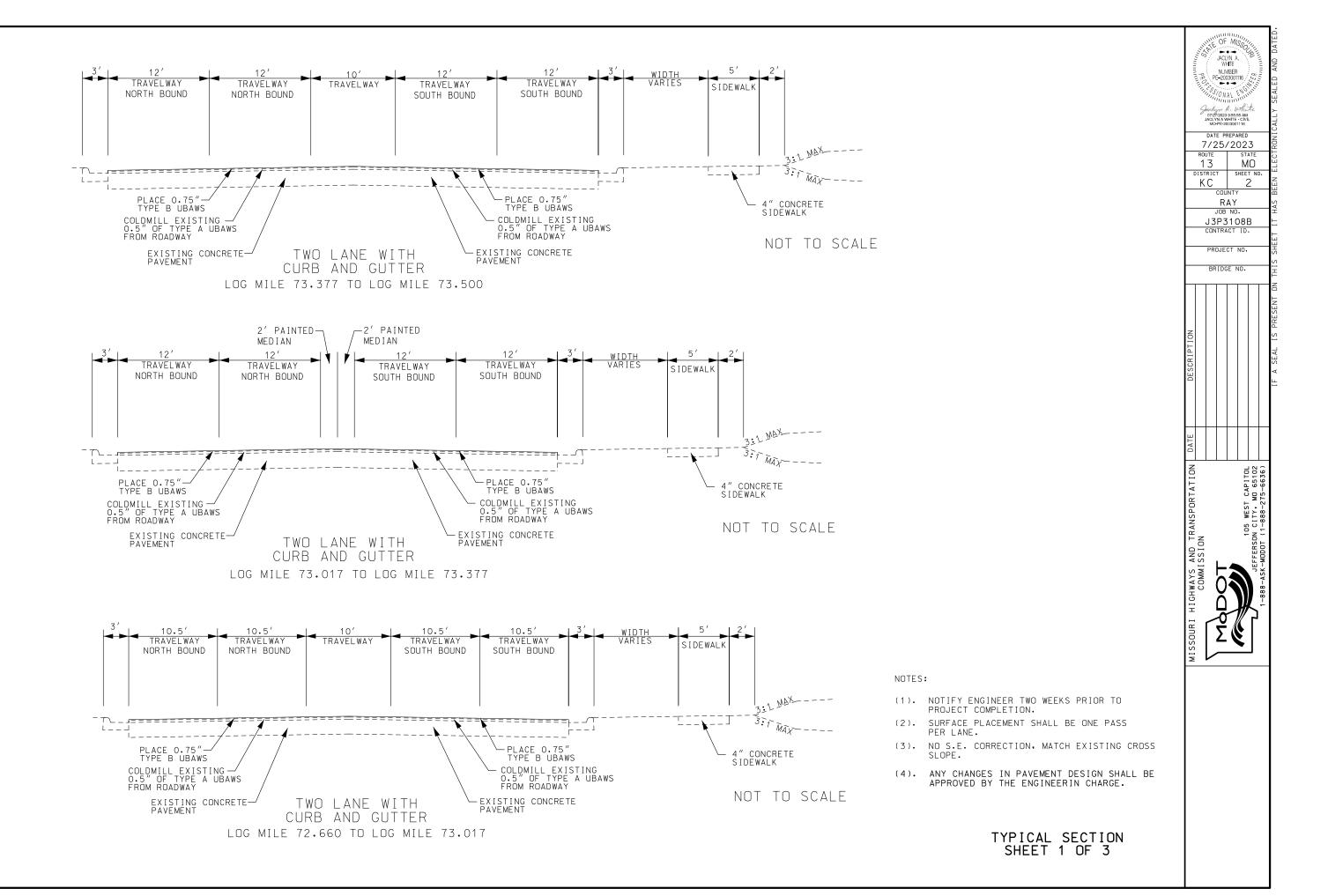
NET LENGTH OF PROJECT

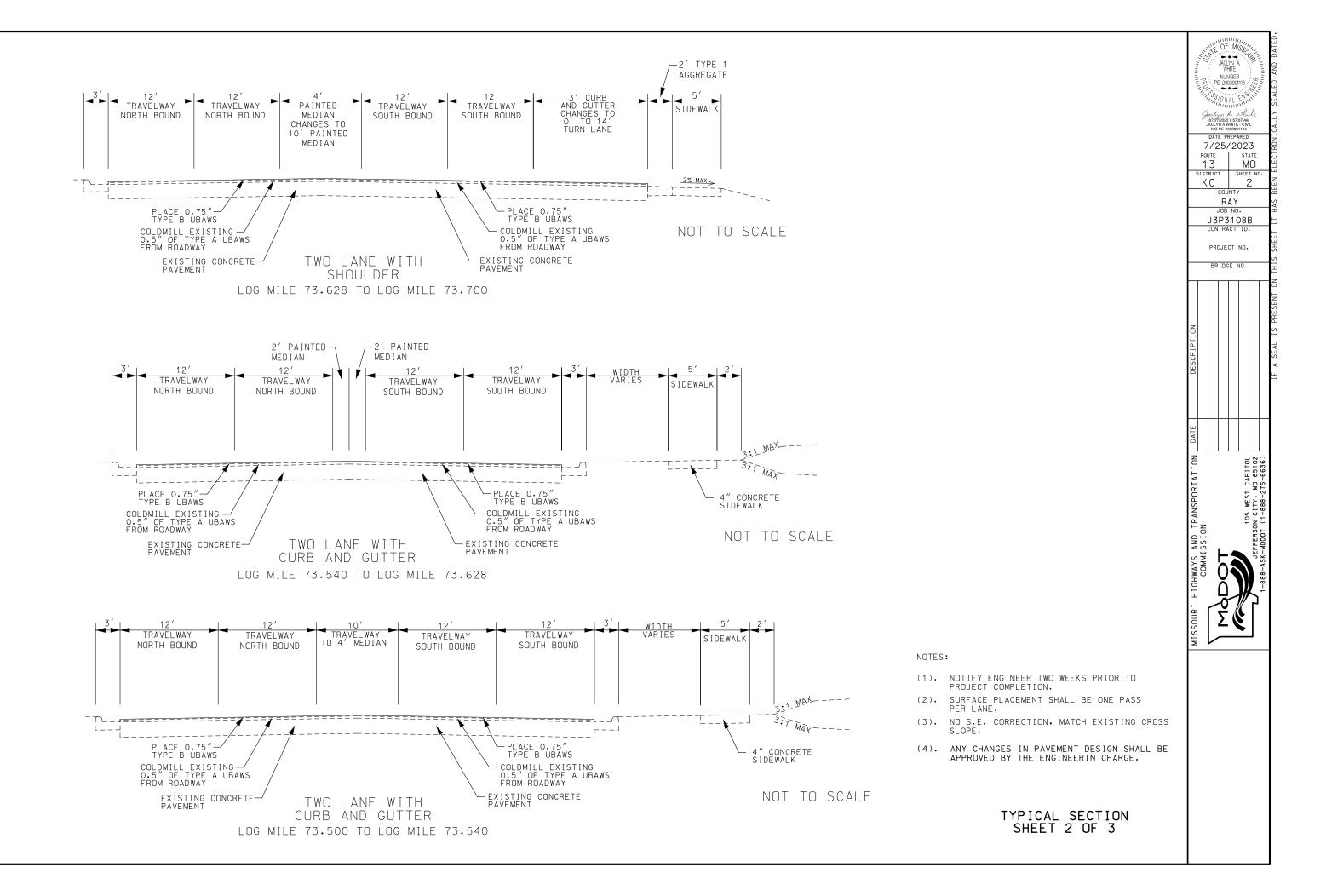
STATE LENGTH

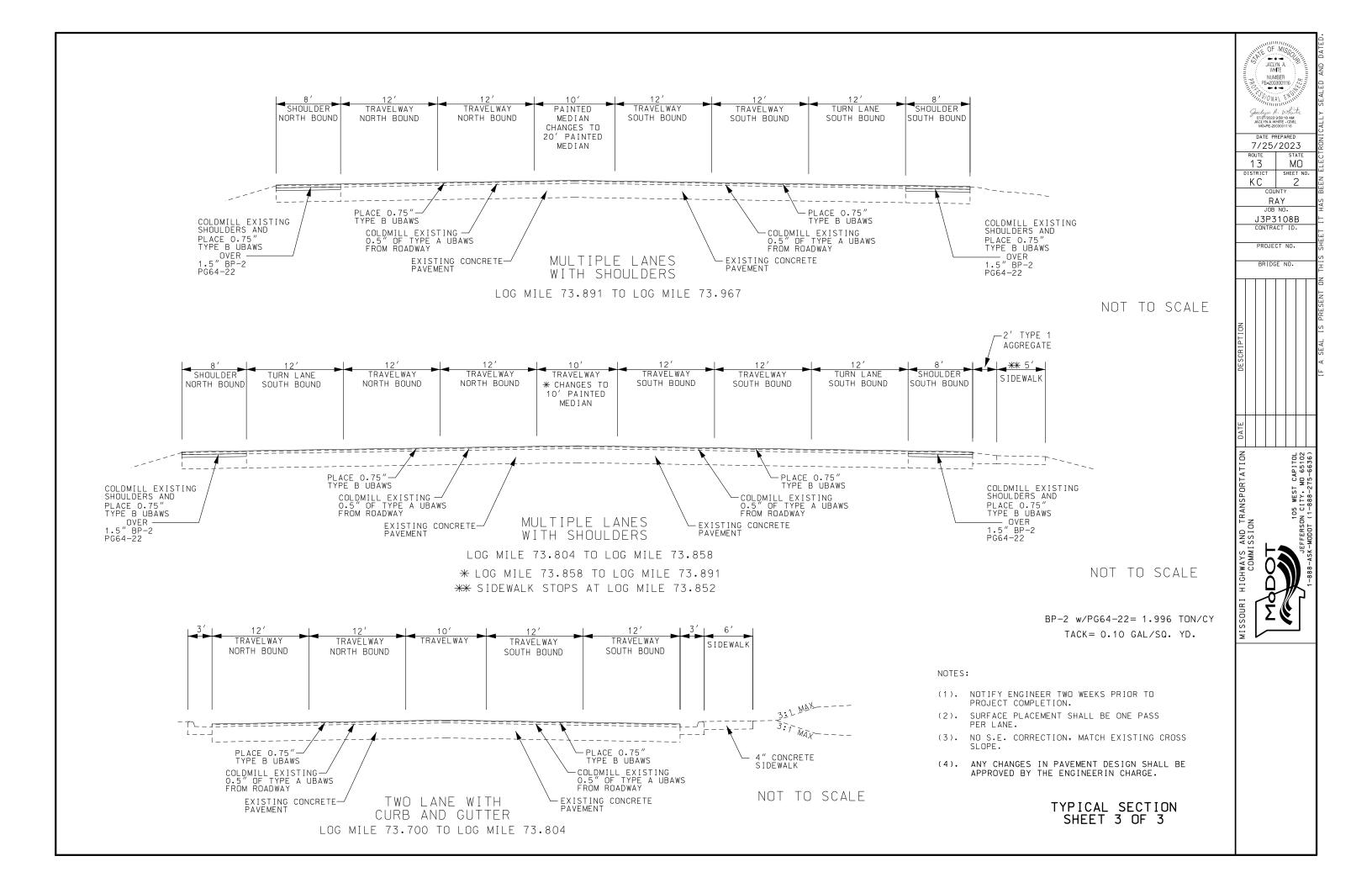
1.307 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES

0.1 ACRES







			UBAWS	S TYPE B (0.7	5″) PG76-22 S	OUTHBOUND			
SOUTH BOUND BEGINNING	SOUTH BOUND ENDING	LENGTH	NUMBER OF	AVERAGE SURFACE WIDTH	AVERAGE SURFACE WIDTH	AVERAGE SURFACE WIDTH	MAIN LINE TYPE B	MAIN LINE TYPE B	MAIN LINE TYPE B
			MAIN LINE	MAIN LINE	TURN LANE OR MEDIAN	SHOULDER	UBAWS 1 LANE	UBAWS SHOULDER	UBAWS TURN LANE
LOG MILE	LOG MILE		LANES	(FEET)	(FEET)	(FEET)	SQ. YDS.	SQ. YDS.	SQ. YDS.
72.660	73.017	1884.96	1 - 10.5'	10.50	10.00	0.00	2199.12	0.00	2094.40
72.660	73.017	1884.96	1 - 10.5'	10.50	0.00	0.00	2199.12	0.00	0.00
73.017	73.377	1900.80	1 - 12'	12.00	4.00	0.00	2534.40	0.00	844.80
73.017	73.377	1900.80	1 - 12'	12.00	0.00	0.00	2534.40	0.00	0.00
73.377	73.500	649.44	1 - 12'	12.00	10.00	0.00	865.92	0.00	721.60
73.377	73.500	649.44	1 - 12'	12.00	0.00	0.00	865.92	0.00	0.00
73.500	73.540	211.20	1 - 12'	12.00	7.00	0.00	281.60	0.00	164.27
73.500	73.540	211.20	1 - 12'	12.00	0.00	0.00	281.60	0.00	0.00
73.540	73.628	464.64	1 - 12'	12.00	4.00	0.00	619.52	0.00	206.51
73.540	73.628	464.64	1 - 12'	12.00	0.00	0.00	619.52	0.00	0.00
73.628	73.700	380.16	1 - 12'	12.00	7.00	0.00	506.88	0.00	295.68
73.628	73.700	380.16	1 - 12'	12.00	7.00	0.00	506.88	0.00	295.68
73.700	73.804	549.12	1 - 12'	12.00	10.00	0.00	732.16	0.00	610.13
73,700	73.804	549.12	1 - 12'	12.00	0.00	0.00	732.16	0.00	0.00
73.804	73.891	459.36	1 - 12'	12.00	10.00	0.00	612.48	0.00	510.40
73.804	73.891	459.36	1 - 12'	12.00	12.00	8.00	612.48	408.32	612.48
73.891	73.967	401.28	1 - 12'	12.00	15.00	0.00	535.04	0.00	668.80
73.891	73.967	401.28	1 - 12'	12.00	12.00	8.00	535.04	356.69	535.04
						SUBTOTAL 1	17774.24	765.01	7559.79

			UBAW:	S TYPE B (0.7	5") PG76-22 N	ORTHBOUND			
NORTH BOUND BEGINNING	NORTH BOUND ENDING	LENGTH	NUMBER OF MAIN LINE	AVERAGE SURFACE WIDTH MAIN LINE	AVERAGE SURFACE WIDTH TURN LANE OR MEDIAN	AVERAGE SURFACE WIDTH SHOULDER	MAIN LINE TYPE B UBAWS 1 LANE	MAIN LINE TYPE B UBAWS SHOULDER	MAIN LINE TYPE B UBAWS TURN LANE
LOG MILE	LOG MILE		LANES	(FEET)	(FEET)	(FEET)	SQ. YDS.	SQ. YDS.	SQ. YDS.
72.660	73.017	1884.96	1 - 10.5'	10.50	0.00	0.00	2199.12	0.00	0.00
72.660	73.017	1884.96	1 - 10.5'	10.50	0.00	0.00	2199.12	0.00	0.00
73.017	73.377	1900.80	1 - 12'	12.00	0.00	0.00	2534.40	0.00	0.00
73.017	73.377	1900.80	1 - 12'	12.00	0.00	0.00	2534.40	0.00	0.00
73.377	73.500	649.44	1 - 12'	12.00	0.00	0.00	865.92	0.00	0.00
73.377	73.500	649.44	1 - 12'	12.00	0.00	0.00	865.92	0.00	0.00
73.500	73.540	211.20	1 - 12'	12.00	0.00	0.00	281.60	0.00	0.00
73.500	73.540	211.20	1 - 12'	12.00	0.00	0.00	281.60	0.00	0.00
73.540	73.628	464.64	1 - 12'	12.00	0.00	0.00	619.52	0.00	0.00
73.540	73.628	464.64	1 - 12'	12.00	0.00	0.00	619.52	0.00	0.00
73.628	73,700	380.16	1 - 12'	12.00	0.00	0.00	506.88	0.00	0.00
73.628	73,700	380.16	1 - 12'	12.00	0.00	0.00	506.88	0.00	0.00
73.700	73.804	549.12	1 - 12'	12.00	0.00	0.00	732.16	0.00	0.00
73.700	73.804	549.12	1 - 12'	12.00	0.00	0.00	732.16	0.00	0.00
73.804	73.891	459.36	1 - 12'	12.00	0.00	0.00	612.48	0.00	0.00
73.804	73.891	459.36	1 - 12'	12.00	12.00	8.00	612.48	408.32	612.48
73.891	73.967	401.28	1 - 12'	12.00	0.00	0.00	535.04	0.00	0.00
73.891	73.967	401.28	1 - 12'	12.00	0.00	8.00	535.04	356.69	0.00
						SUBTOTAL 2	17774.24	765.01	612.48
						SUBTOTAL 1	17774.24	765.01	7559.79
						SUBTOTAL TOTAL	35548.48	1530.02	8172.27
						TOTAL		45250.77	
						PAY TOTAL		45251	

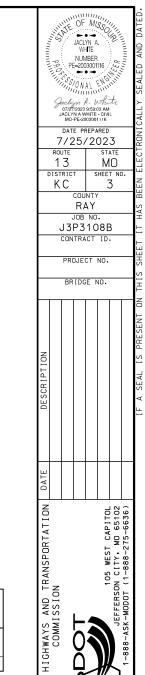
CONTRACTOR FURNISHED SURVEYING AND STAKING

QUANTITY
LUMP SUM

MOB	ILIZATION
	QUANTITY
	LUMP SUM
TOTAL	1

TOTAL

QUANTITIES SHEET 1 OF 9



	SOL	JTH BOUN	D MAIN LII	NE COLDMILLIN	IG (3" OR LESS	;)	
SOUTH BOUND BEGINNING	SOUTH BOUND ENDING	LENGTH	NUMBER OF MAIN LINE	AVERAGE SURFACE WIDTH MAIN LINE	AVERAGE SURFACE WIDTH TURN LANE	COLMILLING 1 LANE	COLMILLING TURN LANE OR MEDIAN
					OR MEDIAN		
LOG MILE	LOG MILE		LANES	(FEET)	(FEET)	SQ. YDS.	SQ. YDS.
72.660	73.017	1884.96	1 - 10.5'	10.50	10.00	2199.12	2094.40
72.660	73.017	1884.96	1 - 10.5'	10.50	0.00	2199.12	0.00
73.017	73.377	1900.80	1 - 12'	12.00	4.00	2534.40	844.80
73.017	73.377	1900.80	1 - 12'	12.00	0.00	2534.40	0.00
73.377	73.500	649.44	1 - 12'	12.00	10.00	865.92	721.60
73.377	73.500	649.44	1 - 12'	12.00	0.00	865.92	0.00
73.500	73.540	211.20	1 - 12'	12.00	7.00	281.60	164.27
73.500	73.540	211.20	1 - 12'	12.00	0.00	281.60	0.00
73.540	73.628	464.64	1 - 12'	12.00	7.00	619.52	295.68
73.540	73.628	464.64	1 - 12'	12.00	7.00	619.52	295.68
73.628	73.700	380.16	1 - 12'	12.00	7.00	506.88	295.68
73.628	73.700	380.16	1 - 12'	12.00	0.00	506.88	0.00
73.700	73.804	549.12	1 - 12'	12.00	10.00	732.16	610.13
73.700	73.804	549.12	1 - 12'	12.00	0.00	732.16	0.00
73.804	73.891	459.36	1 - 12'	12.00	10.00	612.48	510.40
73.804	73.891	459.36	1 - 12'	12.00	12.00	612.48	612.48
73.891	73.967	401.28	1 - 12'	12.00	15.00	535.04	668.80
73.891	73.967	401.28	1 - 12'	12.00	12.00	535.04	535.04
					SUBTOTAL 1	17774.24	7648.96

NOTES:

MILL 0.5" TO REMOVE EXISTING UBAWS FROM THE SOUTH BOUND ROADWAY.

	NOF	RTH BOUN	D MAIN LI	NE COLDMILLIN	IG (3" OR LESS	;)	
NORTH BOUND BEGINNING	NORTH BOUND ENDING	LENGTH	NUMBER OF MAIN LINE	AVERAGE SURFACE WIDTH MAIN LINE	AVERAGE SURFACE WIDTH TURN LANE	COLMILLING 1 LANE	COLMILLING TURN LANE OR MEDIAN
LOG MILE	LOG MILE		LANES	(FEET)	OR MEDIAN (FEET)	SQ. YDS.	SQ. YDS.
72.660	73.017	1884.96	1 - 10.5'	10.50	0.00	2199.12	0.00
72.660	73.017	1884.96	1 - 10.5'	10.50	0.00	2199.12	0.00
73.017	73.377	1900.80	1 - 12'	12.00	0.00	2534.40	0.00
73.017	73.377	1900.80	1 - 12'	12.00	0.00	2534.40	0.00
73.377	73.500	649.44	1 - 12'	12.00	0.00	865.92	0.00
73.377	73.500	649.44	1 - 12'	12.00	0.00	865.92	0.00
73.500	73.540	211.20	1 - 12'	12.00	0.00	281.60	0.00
73.500	73.540	211.20	1 - 12'	12.00	0.00	281.60	0.00
73.540	73.628	464.64	1 - 12'	12.00	0.00	619.52	0.00
73.540	73.628	464.64	1 - 12'	12.00	0.00	619.52	0.00
73.628	73.700	380.16	1 - 12'	12.00	0.00	506.88	0.00
73.628	73.700	380.16	1 - 12'	12.00	0.00	506.88	0.00
73.700	73.804	549.12	1 - 12'	12.00	0.00	732.16	0.00
73.700	73.804	549.12	1 - 12'	12.00	0.00	732.16	0.00
73.804	73.891	459.36	1 - 12'	12.00	0.00	612.48	0.00
73.804	73.891	459.36	1 - 12'	12.00	12.00	612.48	612.48
73.891	73.967	401.28	1 - 12'	12.00	0.00	535.04	0.00
73.891	73.967	401.28	1 - 12'	12.00	0.00	535.04	0.00
					OT II O NODTII BOUND	17771 01	612 10

NOTES:

MILL 0.5" TO REMOVE EXISTING UBAWS FROM THE NORTH BOUND ROADWAY.

SUBT	OTAL 2 NORTH BOUND	17774.24	612.48	_		
SUBT	OTAL 1 SOUTH BOUND	17774.24	7648.96			
SUB	TOTAL 3 SHOULDERS	1530.02				
SUB	TOTAL 4 SIDEROADS	3896	.65	_		
	SUBTOTAL TOTAL	49236	5.59	_		
	PAY TOTAL	492	237			

	SHOULDER COLDMILLING (3" OR LESS)										
LOG MILE BEGINNING	LOG MILE ENDING	NORTHBOUND OR SOUTHBOUND	SHOULDER ASPHALT LENGTH (FEET)	SHOULDER AVERAGE WIDTH (FEET)	COLDMILLING SQ. YDS.						
73.804	73.891	SOUTHBOUND	459.36	8.00	408.32						
73.804	73.891	NORTHBOUND	459.36	8.00	408.32						
73.891	73.967	SOUTHBOUND	401.28	8.00	356.69						
73.891	73.967	NORTHBOUND	401.28	8.00	356.69						
				SUBTOTAL 3	1530.02						

- Пиним	ROI 1 DIST K	PE S S S S S S S S S S S S S S S S S S S	JACL' W- NUM -200 -20023 N A W PE-20 E PI	BER 3001	JOSEPH ST. NO. 116 NO.	3 ATE O T NO	
		BR	IDO	ΕN	١0٠		
DESCRIPTION							
SOURI HIGHWAYS AND TRANSPORTATION D	COMMISSION		MODOT		105 WEST CAPITOI	JEFFERSON CITY, MO 65102	1-888-ASK-MODOT (1-888-275-6636)

QUANTITIES SHEET 2 OF 9

		SIDE	EROAD ASPH	ALT QUANT	ITIES BP-2	w/PG64-22
SIDEROAD LOG MILE	NORTHBOUND OR SOUTHBOUND	SIDEROAD ASPHALT LENGTH	SIDEROAD AVERAGE WIDTH	BP-2 1.5"	TACK COAT	REMARKS
		(FEET)	(FEET)	TONS	GALLONS	
72.709	SOUTHBOUND	44.00	44.00	17.89	21.51	BUCHANAN STREET
72.709	NORTHBOUND	78.00	42.00	30.27	36.40	BUCHANAN STREET
72.787	SOUTHBOUND	0.00	0.00	0.00	0.00	NORTH MAIN STREET, CONCRETE (EXEMPT FROM ASPHAL
72.787	NORTHBOUND	0.00	0.00	0.00	0.00	NORTH MAIN STREET, CONCRETE (EXEMPT FROM ASPHAL
72.860	SOUTHBOUND	45.00	58.00	24.12	29.00	EAST MAIN STREET
72.860	NORTHBOUND	45.00	55.00	22.87	27.50	EAST MAIN STREET
72.919	NORTHBOUND	30.00	34.00	9.34	11.33	FRANKLIN STREET
72.965	SOUTHBOUND	0.00	0.00	0.00	0.00	LEXINGTON STREET, CONCRETE (EXEMPT FROM ASPHALT
72.971	NORTHBOUND	0.00	0.00	0.00	0.00	LEXINGTON STREET, CONCRETE (EXEMPT FROM ASPHALT
73.205	SOUTHBOUND	48.00	37.00	16.41	19.73	JOHNNY WALKER LANE
73.450	SOUTHBOUND	110.00	46.00	39.30	47.26	SOUTH STREET
73.454	NORTHBOUND	124.00	43.00	49.27	59.24	SOUTH STREET
73.851	NORTHBOUND	255.00	22.00	51.84	62.33	CHAPEL DRIVE
73.954	SOUTHBOUND	105.00	59.00	57.25	68.83	WALMART AVENUE
			SUBTOTAL 1	318.56	383.13	

BP-2 w/PG64-22= 1.996 TON/CY TACK= 0.10 GAL/SQ. YD.

TACK= 0.10 GAL/SQ. YD.

	SHOULD	ER ASPHALT	QUA	NTITIE	ES BP-2 w/	PG64-22	
LOG MILE BEGINNING	LOG MILE ENDING	NORTHBOUND OR SOUTHBOUND	ASF LE	ULDER PHALT NGTH EET)	SHOULDER AVERAGE WIDTH (FEET)	BP-2 1.5" TONS	TACK COAT GALLONS
73.804	73.891	SOUTHBOUND	45	9.36	8.00	33.96	40.83
73.804	73.891	NORTHBOUND	45	9.36	8.00	33.96	40.83
73.891	73.967	SOUTHBOUND	40	1.28	8.00	29.67	35.67
73.891	73.967	NORTHBOUND	40	1.28	8.00	29.67	35.67
				SUBTOTA	AL 2 SHOULDERS	127.26	153.00
				SUBTOTA	AL 1 SIDEROADS	318.56	383.13
BP-2 w/PG6	4-22= 1,996	TON/CY		TOTAL		445.82	536.13
	10 GAL /SO			PAY TOT	AL	445.8	536

		SIDE	EROAD COLD	MILLING (3"	OR LESS)
SIDEROAD LOG MILE	NORTHBOUND OR SOUTHBOUND	SIDEROAD COLDMILL LENGTH	SIDEROAD AVERAGE WIDTH	COLMILLING	REMARKS
70 700		(FEET)	(FEET)	SQ. YDS.	
72.709	SOUTHBOUND	44.00	44.00	215.11	BUCHANAN STREET
72,709	NORTHBOUND	78.00	42.00	364.00	BUCHANAN STREET
72.787	SOUTHBOUND	0.00	0.00	0.00	NORTH MAIN STREET, CONCRETE (EXEMPT FROM ASPHALT)
72.787	NORTHBOUND	0.00	0.00	0.00	NORTH MAIN STREET, CONCRETE (EXEMPT FROM ASPHALT)
72.860	SOUTHBOUND	45.00	58.00	290.00	EAST MAIN STREET
72.860	NORTHBOUND	45.00	55.00	275.00	EAST MAIN STREET
72.919	NORTHBOUND	30.00	34.00	113.33	FRANKLIN STREET
72.965	SOUTHBOUND	0.00	0.00	0.00	LEXINGTON STREET, CONCRETE (EXEMPT FROM ASPHALT)
72.971	NORTHBOUND	0.00	0.00	0.00	LEXINGTON STREET, CONCRETE (EXEMPT FROM ASPHALT)
73.205	SOUTHBOUND	48.00	37.00	197.33	JOHNNY WALKER LANE
73.450	SOUTHBOUND	110.00	44.00	537.78	SOUTH STREET
73.454	NORTHBOUND	124.00	43.00	592.44	SOUTH STREET
73.851	NORTHBOUND	255.00	22.00	623.33	CHAPEL DRIVE
73.954	SOUTHBOUND	105.00	59.00	688.33	WALMART AVENUE
			SUBTOTAL 4	3896.65	

NOTE:

MILL 1.5" OF EXISTING ASPHALT FROM SIDEROADS. THE MILLING OF THE SIDEROADS MAY BE ADJUSTED BY THE ENGINEER IN CHARGE. THE ADJUSTMENT MAY BE NEEDED TO MATCH THE NEW ROADWAY AND SHOULDER ELEVATION AT THE SIDEROAD.

				SIDEWAL	KS AND CL	IRB RAMPS
LOG MILE	SIDEWALK WIDTH	4" CONCRETE SIDEWALK (S.Y.)	CURB RAMP EACH	LINEAR GRADING FOR SIDEWALKS (STA.)	* TRUNCATED DOMES	REMARKS
72.783	5	12.2	1	0.22	10	22' OF SIDEWALK, NORTH SIDE OF NORTH MAIN STREET, EAST OF ROUTE 13
72.792	5	12.2	1	0.22	10	22' OF SIDEWALK, SOUTH SIDE OF NORTH MAIN STREET, EAST OF ROUTE 13
72.966	5	5.6	1	0.10	10	10' OF SIDEWALK, NORTH SIDE OF LEXINGTON STREET, EAST OF ROUTE 13
72.975	5	5.6	1	0.10	10	10' OF SIDEWALK, SOUTH SIDE OF LEXINGTON STREET, EAST OF ROUTE 13
	TOTAL	35.6	4	0.64	40	
	PAY TOTAL	35.6	4	0.7	0	

NOTE:

* TRUNCATED DOMES FOR CURB RAMPS ARE INCLUDED IN THE COST OF THE CURB RAMP, SEE JSP'S FOR ADDITIONAL DETAILS.

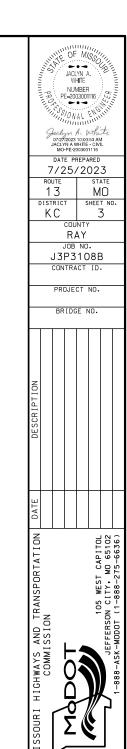
QUANTITIES SHEET 3 OF 9

	-					ŀ	ŀ				
SSOURI HIGHWAYS AND TRANSPORTATION	DATE	DESCRIPTION					D			THITITITITI	,
COMMISSION							1 тът К	7	Ja Ja	SHOKINI	1111
			BR		J3		RIC C	/2		PE	IIII TE
MODOT			IDO	TRA	_{јов} Р3	cou R	Т		9023 1 NA WI PE-201	 О N I	-
			E N		NO 1 C		S			BER 30011	M/S
105 WEST CAPITOL			١0٠) 8 E	<u>, </u>	HEE	02	18 AM CIVII 116	NO	11111 SO
JEFFERSON CITY, MD 65102				•			T NO	3 ate	te	B33"11 -	
1-888-ASK-MODOT (1-888-275-6636)).			WITH HILL	

OG MILE	TO 1 OC MIL	LOCATION	4" COLTD VELLOW	4" INTERMITTING	A" COLID WILLE	A" INTERMITTING	REMARKS
UG MILE	TO LOG MIL	_ LOCATION	4" SOLID YELLOW WATERBORNE PAINT P BEADS FEET	4" INTERMITTING YELLOW WATERBORNE PAINT P BEADS FEET	4" SOLID WHITE WATERBORNE PAINT P BEADS FEET	4" INTERMITTING WHITE WATERBORNE PAINT P BEADS FEET	NEWANNS
72.660	72,745	SOUTH BOUND LANE	897.60				CENTER TURN LANE, DOUBLE YELLOW X2
72.660	72.853	NORTH BOUND LANE	2038.08				CENTER TURN LANE, DOUBLE YELLOW X2
72.660	72.853	NORTH BOUND LANE				254.76	INTERMITTING CENTER LINE
72.745	72.819	SOUTH BOUND LANE	390.72				CENTER TURN LANE, SINGLE YELLOW
72.747	72.819	SOUTH BOUND LANE		190.08			CENTER TURN LANE, INTERMITTING YELLOW
72.823	72.853	SOUTH BOUND LANE			158.40		CENTER LEFT TURN LANE
72.860		EAST MAIN ST. WEST SIDE	90.00				CENTER OF ROADWAY DOUBLE YELLOW X2, 45' X 2= 90'
72.860		EAST MAIN ST. EAST SIDE	90.00				CENTER OF ROADWAY DOUBLE YELLOW X2, 45' X 2= 90'
72.866	73.440	NORTH BOUND LANE				757.68	INTERMITTING CENTER LINE
72.866	72.883	NORTH BOUND LANE			89.72		LANE LINE, LEFT TURN LANE
72.866	72,900	CENTER LINE OF ROADWAY	359.04				CENTER LINE, DOUBLE YELLOW X2
72.866	73.440	SOUTH BOUND LANE				757.68	INTERMITTING CENTER LINE
72,900	72.918	NORTH BOUND LANE	190.08				CENTER TURN LANE, DOUBLE YELLOW X2
72.906	72.918	SOUTH BOUND LANE			63.36		LANE LINE, LEFT TURN LANE
72.924	72.960	NORTH BOUND LANE	380.16				CENTER TURN LANE, DOUBLE YELLOW X2
72.924	72.942	SOUTH BOUND LANE	190.08				CENTER TURN LANE, DOUBLE YELLOW X2
72.945	72.960	SOUTH BOUND LANE			79.20		LANE LINE, LEFT TURN LANE
72.975	72.979	NORTH BOUND LANE			21,12		LANE LINE, LEFT TURN LANE
72.975	73,410	SOUTH BOUND LANE	4593.60				CENTER TURN LANE, DOUBLE YELLOW X2
72.997	73.440	NORTH BOUND LANE	4678.08				CENTER TURN LANE, DOUBLE YELLOW X2
73.420	73.440	SOUTH BOUND LANE			105.60		LANE LINE, LEFT TURN LANE
73.466	73.943	NORTH BOUND LANE				629.64	INTERMITTING CENTER LINE
73.466	73.484	NORTH BOUND LANE			95.04		LANE LINE, LEFT TURN LANE
73.466	73.700	SOUTH BOUND LANE	2471.04				CENTER TURN LANE, DOUBLE YELLOW X2
73.493	73.700	NORTH BOUND LANE	2185.92				CENTER TURN LANE, DOUBLE YELLOW X2
73.466	73.943	SOUTH BOUND LANE				629.64	INTERMITTING CENTER LINE
73.720	73.711	SOUTH BOUND LANE	538.56				CENTER TURN LANE, DOUBLE YELLOW X2
73.720	73.741	NORTH BOUND LANE			110.88		LANE LINE, LEFT TURN LANE
73.750	73.800	NORTH BOUND LANE	528.00				CENTER TURN LANE, DOUBLE YELLOW X2
73.780	73.800	SOUTH BOUND LANE			105.60		LANE LINE, LEFT TURN LANE
73.817	73.844	NORTH BOUND LANE	285.12				CENTER TURN LANE, DOUBLE YELLOW X2
73.824	73.862	SOUTH BOUND LANE				52.80	INTERMITTING RIGHT TURN LANE
73.817	73.844	SOUTH BOUND LANE			142.56		LANE LINE, LEFT TURN LANE
73.851		CHAPEL DRIVE	510.00				DOUBLE YELLOW DOWN CENTER OF ROADWAY 255X2= 510'
73.851		CHAPEL DRIVE			510.00		255' ON EDGE OF NORTH SIDE, 255' ON EDGE OF SOUTH SIDE
73.860	73.943	SOUTH BOUND LANE	876.48				CENTER TURN LANE, DOUBLE YELLOW X2
73.860	73.943	NORTH BOUND LANE	876.48				CENTER TURN LANE, DOUBLE YELLOW X2
73.868	73.943	SOUTH BOUND LANE			396.00		LANE LINE, RIGHT TURN LANE
73.954		WALMART AVE.	200.00				CENTER TURN LANE, DOUBLE YELLOW X2
73.954		WALMART AVE.			100.00		LANE LINE, RIGHT/LEFT TURN LANE
		тот	AL 22369.04 TOTAL 22	190.08	1977.48	3082.20	

NOTE:

THE CONTRACTOR SHALL LOG THE EXISTING PAVEMENT MARKINGS IN THE FIELD PRIOR TO ANY CONSTRUCTION OPERATIONS.



73.205 JOHNY MALKEL LANS, EAST SOUND 16 SIDE MARK WEST SIDE OF RIE. 13 73.406 SOUTH BRUND LANE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					PERMANENT	STRIPING			
1.	LOG MILE	LOCATION	LEFT	RIGHT	WHITE PERFORMED	WHITE PERFOMED	45 DEGREE WATERBORNE PAINT	WATERBORNE PAINT L BEADS	REMARKS
17-248			EACH	EACH	FEET	EACH	FEET	FEET	
12-725	72.679	SOUTH BOUND LANE	1						LEFT TURN LANE
12 SIMPLY AND ASSETT AFT TORTON 1 1 1 1 1 1 1 1 1		NORTH BOUND LANE	1						LEFT TURN LANE
Second S									
12-15					12				
17-747 N. MAIN STORT FORT FORT FORT FORT FOR FORD 12 12 13 13 14 14 14 14 14 14									
12			1		10				
12,429 So., IR BROWN LARK 1									
17.883 SOUT SOUTH SOUTH SAME SOUTH SOUTH SAME SOUTH SOUTH SOUTH SOUTH SAME SOUTH SAME SOUTH SOUTH SAME SO					12				
12-245 SOUTH-WORTH SQUARE			1						
27,000					32	4.5			
72,450 651 AMIL STOCK, LOST 100,000 20 20 20 20 20 20 2									
2.860					20	3	1		
12.86							1		
17.886 SOUTH-ROCKED LANE 1		1			20	g			
72,666 MORTH SOURD LAWE									
T. 2.815					32				
T2,210 SOUTH BOUND LANE			1		J2				
12 SIDE SAME LAST SIGN OF HIT. 12 SIDE SAME LAST SIGN OF HIT. 13			1						
Total Continue					12				
T2.965			1						LEFT TURN LANE
13.05 10.78.369 PAINTE WEDNA (CENTER OF ROAD) 16 270 6 FOOT AVE, TOTAL DE 59. 45° ARRE, VARIOUS (OCAT 73.7423 50UTH BOURD LANE 1					12				
73.255 JOHNY MAKER LANI, LAST SUND 73.460 SOUTH DOUND LANE 73.460 SOUTH DOUND LANE 73.460 SOUTH DOUND LANE 73.460 SOUTH STREET EAST SCOTE 73.460 SOUTH SCOTE AND S	72.971	LEXINGTON STREET, WEST BOUND			12				STOP BAR, EAST SIDE OF RTE, 13
13.423 SOUTH BOUND LANE 1 STOP BAR SOUTH SCHOOL	73.013 TO 73.389	PAINTED MEDIAN (CENTER OF ROAD)					270		6 FOOT AVG, TOTAL OF 39, 45° ANGLE, VARIOUS LOCATIONS
33.40 SOUTH BOUND LANE 30 STOP BAR WEST SIDE OF RIE. 13 73.496 SOUTH STREET REST SOUND 14 STOP BAR. WEST SIDE OF RIE. 13 73.496 SOUTH STREET REST SOUND 18 STOP BAR. FEAT SIDE OF RIE. 13 73.496 SOUTH-NORTH BOUND LANE 18 STOP BAR. FEAT SIDE OF RIE. 13 73.496 SOUTH-NORTH BOUND LANE 14 STOP BAR. FEAT SIDE OF RIE. 13 73.496 SOUTH-NORTH BOUND LANE 14 STOP BAR. FEAT SIDE OF RIE. 13 73.496 SOUTH-NORTH BOUND LANE 14 STOP BAR. FEAT SIDE OF RIE. 13 73.496 SOUTH-NORTH BOUND LANE 120 GROSKALK (ZERA BLOCK) 73.700 RIE. 10. WEST OR RAMP STOP BAR STOP BAR 73.705 RIE. 10. WEST OR RAMP STOP BAR 73.705 RIE. 10. WEST OR RAMP STOP BAR 73.736 RIE. 10. WEST OR RAMP STOP BAR 73.737 SOUTH BOUND LANE 1 STOP BAR 73.738 SOUTH BOUND LANE 1 STOP BAR 73.809 RIE. 10. EAST OF RAMP STOP BAR 73.801 SOUTH BOUND LANE 1 STOP BAR 73.801 SOUTH BOUND LANE 1 STOP BAR 73.803 SOUTH BOUND LANE 1 STOP BAR 73.801 SOUTH BOUND LANE 1 STOP BAR 73.803 SOUTH BOUND LANE 1 STOP BAR 73.804 SOUTH BOUND LANE 1 STOP BAR 73.805 SOUTH BOUND LANE 2 STOP BAR 73.805 STOP BAR STOP BAR 73.805 STOP	73.205	JOHNNY WALKER LANE, EAST BOUND			16				STOP BAR, WEST SIDE OF RTE, 13
12 STOP BAR, WEST SIDE OF RIL. 13 12 STOP BAR, WEST SIDE OF RIL. 13 13 STOP BAR, WEST SIDE OF RIL. 13 14 STOP BAR, WEST SIDE OF RIL. 13 13 STOP BAR, EAST SIDE RIR. 14 STOP BAR, EAST SIDE RIR. 15 STO	73.423	SOUTH BOUND LANE	1						LEFT TURN LANE
12 CROSSWALK (ZEBRA BLOCK) STIPLE MEST SIDE 18 18 18	73.440								STOP BAR
18	73.456	SOUTH STREET EAST BOUND			14				STOP BAR, WEST SIDE OF RTE, 13
13,466 NORTH BOUND LANE 32 14 CROSSWALK (ZEBRA BLOCK)						12			CROSSWALK (ZEBRA BLOCK), WEST SIDE OF RTE. 13
32 SIP BAR					18				
13.504 Total Tot						14			
T3.699					32				
17.705							120		6 FOOT AVG, TOTAL OF 20, 45° ANGLE, VARIOUS LOCATIONS
73.705						6			
73,736 NORTH BOUND LANE					17			20	
T3.783 SOUTH BOUND LANE 1								80	
T3.809 RIE. 10. EAST OFF RAMP 19 STOP BAR 73.809 RIE. 10. EAST OFF RAMP 99 PAINT ARQUIND RAMP ISLAND CROSSWALK (ZERRA BLOCK) 73.809 RIE. 10. EAST OF RAMP 10 80 PAINT ARQUIND RAMP ISLAND RIE. 10. EAST ON RAMP 1 1 1 1 1 1 1 1 1									
T3.809 RTE. 10. EAST OFF RAMP 99 PAINT ARQUIND RAMP ISLAND					10				
T3.809 RTE. 10. EAST OFF RAMP 10 80 CROSSWALK (ZERRA BLOCK) T3.817 RTE. 10. EAST ON RAMP 1 80 PAINT ARQUIND RAMP ISLAND T3.833 SDUTH BOUND LANE 1 1 1 1 1 1 1 1 1					1,3			99	
T3.817 RTE. 10, EAST ON RAMP SUDIT BOUND LANE 1						10		73	
Table Total Total Table Total Table Total Table Table Total Total Total Table Total Table Total Total Table Total Table Total Table Total Table Total Total Total Total Total Total Table Total Table Total Tota						l i		80	
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Total Tot			'		11				
Table South Bound Lane So		PAINTED MEDIAN (CENTER OF ROAD)					171		19 FOOT AVG, TOTAL OF 9, 45° ANGLE, VARIOUS LOCATIONS
TOTAL 1 1 1 1 1 1 1 1 1		SOUTH BOUND LANE		1					
73.943 SOUTH BOUND LANE 36 STOP BAR 73.954 WALMART AVE. 24 STOP BAR 73.954 WALMART AVE. 2 LEFT TURN LANE 73.954 WALMART AVE. 2 RIGHT TURN LANE 73.954 WALMART AVE. 2 RIGHT TURN LANE 73.954 WALMART AVE. 2 RIGHT TURN LANE 73.954 TOTAL 14 5 405 90 561 259 73.955 TOTAL 14 5 405 90 561 259 73.956 STOP BAR ST				1					
73.954 WALMART AVE. 24 STOP BAR 73.954 WALMART AVE. 2 LEFT TURN LANE 73.954 WALMART AVE. 2 RIGHT TURN LANE 73.954 WALMART AVE. 2 RIGHT TURN LANE TOTAL 14 5 405 90 561 259				1					
73.954 WALMART AVE. 2 LEFT TURN LANE 73.954 WALMART AVE. 2 RIGHT TURN LANE 1.		SOUTH BOUND LANE							
73.954 WALMART AVE. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					24				
TOTAL 14 5 405 90 561 259			2						
	73.954	WALMART AVE.		2			-		RIGHT TURN LANE
		1	+				1		
		TOTAL	4.4	-	105	90	561	250	
I DAY TOTAL I AGE I GO I GEO I		PAY TOTAL		9	405	90	561	259	1

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URI HIGHWAYS AND TRANSPORTATION D	COMMISSION		16DOT		105 WEST CAPITOL	JEFFERSON CITY, MO 65102	1-888-ASK-MODOT (1-888-275-6636)

NOTE

(1). THE CONTRACTOR SHALL LOG THE EXISTING PAVEMENT MARKINGS IN THE FIELD PRIOR TO ANY CONSTRUCTION OPERATIONS.

	2 INCHES OF TYP	PE 5 AGGREGATI	FOR SHOULDE	R	
LOG MILE	LOCATION	LENGTH OF SHOULDER	AVERAGE WIDTH OF SHOULDER	SQUARE YARDS	TYPE 5 AGGREGATE
					TONS
73.851	CHAPEL DRIVE, NORTH SIDE OF ROADWAY	255 FEET	8 FEET	226.67	24.93
73.851	CHAPEL DRIVE, SOUTH SIDE OF ROADWAY	255 FEET	8 FEET	226.67	24.93
				TOTAL	49.86

NOTE:

TYPE 5 AGGREGATE FOR SHOULDER EQUALS 0.055 TONS PER SQ. YDS. PER INCH COMPACTED

PAVEM	ENT WIDENING AT WEST BOUND SOUTH STREET (WEST SI	DE OF INTERS	SECTION)
LOG MILE	LOCATION	SQUARE YARDS	8" NON-REINF CONCRETE PAVEMENT	4 INCHES TYPE 5 AGGREGATE
			SQ. YDS.	TONS
73.450	SOUTH STREET, WEST BOUND LANE, WEST SIDE OF INTERSECTION	37.3	37.3	8.2
		TOTAL	37.3	8.2

NOTE:

TYPE 5 AGGREGATE FOR WIDENING, EQUALS 0.055 TONS PER SQ. YDS. PER INCH COMPACTED

PAVEM	ENT REPLACEMENT AT EXISTING ISLANDS (AFTE	ER EXIST	ING ISLAND F	REMOVAL)
LOG MILE	LOCATION	SQUARE YARDS	8" NON-REINF CONCRETE PAVEMENT	4 INCHES TYPE 5 AGGREGATE
			SQ. YDS.	TONS
72.859	ROUTE 13 @ BUSINESS ROUTE 10, ISLAND NORTH EAST QUADRANT	5.7	5.7	1.3
72.859	ROUTE 13 @ BUSINESS ROUTE 10, ISLAND SOUTH WEST QUADRANT	9.8	9.8	2.2
72.859	ROUTE 13 @ BUSINESS ROUTE 10, ISLAND SOUTH EAST QUADRANT	4.8	4.8	1.1
		TOTAL	20.3	4.6

NOTE:

TYPE 5 AGGREGATE FOR WIDENING, EQUALS 0.055 TONS PER SQ. YDS. PER INCH COMPACTED

8" NON- CONCRETE PAVE		TALS
LOCATION		SQUARE YARDS
PAVEMENT WIDENING AT SOUTH STR	REET	37.3
PAVEMENT REPLACEMENT AT EXISTI	NG ISLANDS	20.3
	TOTAL	57.6
	PAY TOTAL	57.6

TYPE 5 AGGREGATE	TOTALS	
LOCATION		TONS
AGGREGATE FOR SHOULDERS AT CHAPEL DRIVE		49.86
AGGREGATE FOR PAVEMENT WIDENING AT SOUTH STR	EET	8.20
AGGREGATE FOR PAVEMENT REPLACEMENT AT EXISTI	NG ISLANDS	4.60
	TOTAL	62.66
	PAY TOTAL	62.7

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DATE DESCRIPTION							
SSOURI HIGHWAYS AND TRANSPORTATION 🗅	COMMISSION		MADOT		105 WEST CAPITOL	JEFFERSON CITY, MD 65102	1-888-ASK-MODOT (1-888-275-6636)

					VARIOUS SI	GNS		
POST NUMBER	LOG MILE	LOCATION	13 M1-5	10 3 M1-5	BUSINESS M4-3	M6-4	M6-3	REMARKS
			M1-5 ITEM 903-50.04A 24" X 24" 4 SQ.FT. EACH	M1-5 ITEM 903-50.04A 24" X 24" 4 SQ.FT. EACH (SQ. FT.)	M4-3 ITEM 903-50.04A 24" X 12" 2 SQ.FT. EACH (SQ. FT.)	M6-4 ITEM 903-50.04A 21" X 15" 2.19 SQ.FT. EACH (SQ. FT.)	M6-3 ITEM 903-50.04A 21" X 15" 2.19 SQ.FT. EACH (SQ. FT.)	
1	72.848	NORTH WEST QUADRANT	4.0				2.19	PLACE ON EXISTING POLE, SEE SPECIAL SHEET 2 OF 3
2	72.854 +/-	NORTH EAST QUADRANT		4.0	2.0		2.19	SEE SPECIAL SHEET 2 OF 3 FOR NEW POST AND SIGN LOCATION
2	72.854 +/-	NORTH EAST QUADRANT	4.0			2.19		SEE SPECIAL SHEET 2 OF 3 FOR NEW POST AND SIGN LOCATION
3	72.861 +/-	SOUTH WEST QUADRANT		4.0	2.0		2.19	SEE SPECIAL SHEET 2 OF 3 FOR NEW POST AND SIGN LOCATION
3	72.861 +/-	SOUTH WEST QUADRANT	4.0			2.19		SEE SPECIAL SHEET 2 OF 3 FOR NEW POST AND SIGN LOCATION
4	72.872 +/-	SOUTH EAST QUADRANT		4.0	2.0	2.19		SEE SPECIAL SHEET 2 OF 3 FOR NEW POST AND SIGN LOCATION
4	72.872 +/-	SOUTH EAST QUADRANT	4.0				2.19	SEE SPECIAL SHEET 2 OF 3 FOR NEW POST AND SIGN LOCATION
		ITEM TOTAL	16.0	12.0	6.0	6.57	8.76	
		TOTAL			49.33			
		PAY TOTAL			50			

NOTE:

ALL MOUNTING BRACKETS AND HARDWARE SHALL BE INCLUDED IN THE COST OF THE SIGNS

			SIGN POST	(2.5" PSST	+ 2.25" PSST	POST INSERT)	
POST NUMBER	LOG MILE	LOCATION	ITEM 9031280 2.5" PSST POST	ITEM 9031272A 2.25" PSST POST INSERT 6 FOOT	ITEM 9031281A DRIVEN POST ANCHOR FOR 2.5" PSST	BREAKAWAY ASSEMBLY FOR PSST	REMARKS
			LIN. FT.	EACH.	EACH.	EACH	
2	72.854 +/-	NORTH EAST QUADRANT	12	1	1	1	SEE SPECIAL SHEET 2 OF 3 FOR NEW POST LOCATION
3	72.861 +/-	SOUTH WEST QUADRANT	12	1	1	1	SEE SPECIAL SHEET 2 OF 3 FOR NEW POST LOCATION
4	72.872 +/-	SOUTH EAST QUADRANT	12	1	1	1	SEE SPECIAL SHEET 2 OF 3 FOR NEW POST LOCATION
•	•	TOTAL	36	.3	3	3	

NOTE:

ANY ADDITIONAL QUESTIONS ABOUT SIGN LOCATIONS CONTACT THE DISTRICT TRAFFIC ENGINEER.

		SIGN (R	ELOCATION)
LOG MILE	LOCATION	RELOCATE EXISTING SIGN ITEM 903-99.02 (EACH)	REMARKS
72.872	RTE 13, SOUTH OF RTE 13 & BUSINESS RTE 10 INTERSECTION	1	1 SIGN POST, 1 SIGN- LOGO SIGN (BP SIGN) (SEE SPECIAL SHEET 2 OF 3, FOR NEW SIGN LOCATIONS)
	TOTAL	1	

NOTE:

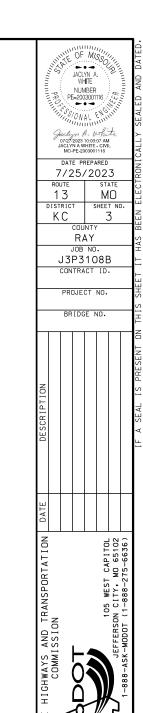
ANY ADDITIONAL QUESTIONS ABOUT SIGN LOCATIONS CONTACT THE DISTRICT TRAFFIC ENGINEER.

972/5/203 10:02:34 AM
JACLYN A WHITE - CIVIL
MC-PE-2003001116

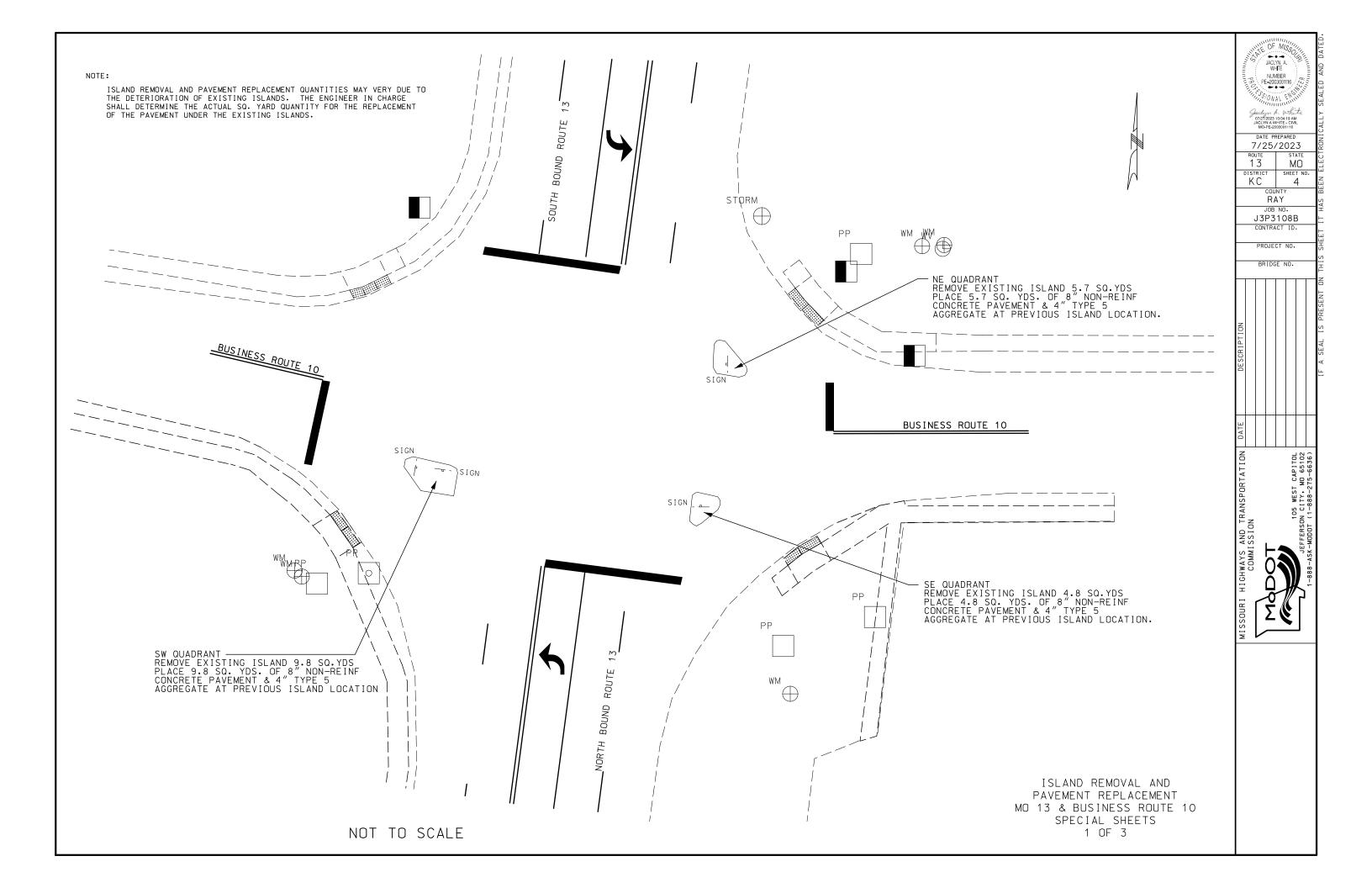
DATE PREPARED
7/25/2023 ROUTE 13 DISTRICT KC RAY JOB NO.
J3P3108B
CONTRACT ID. PROJECT NO.

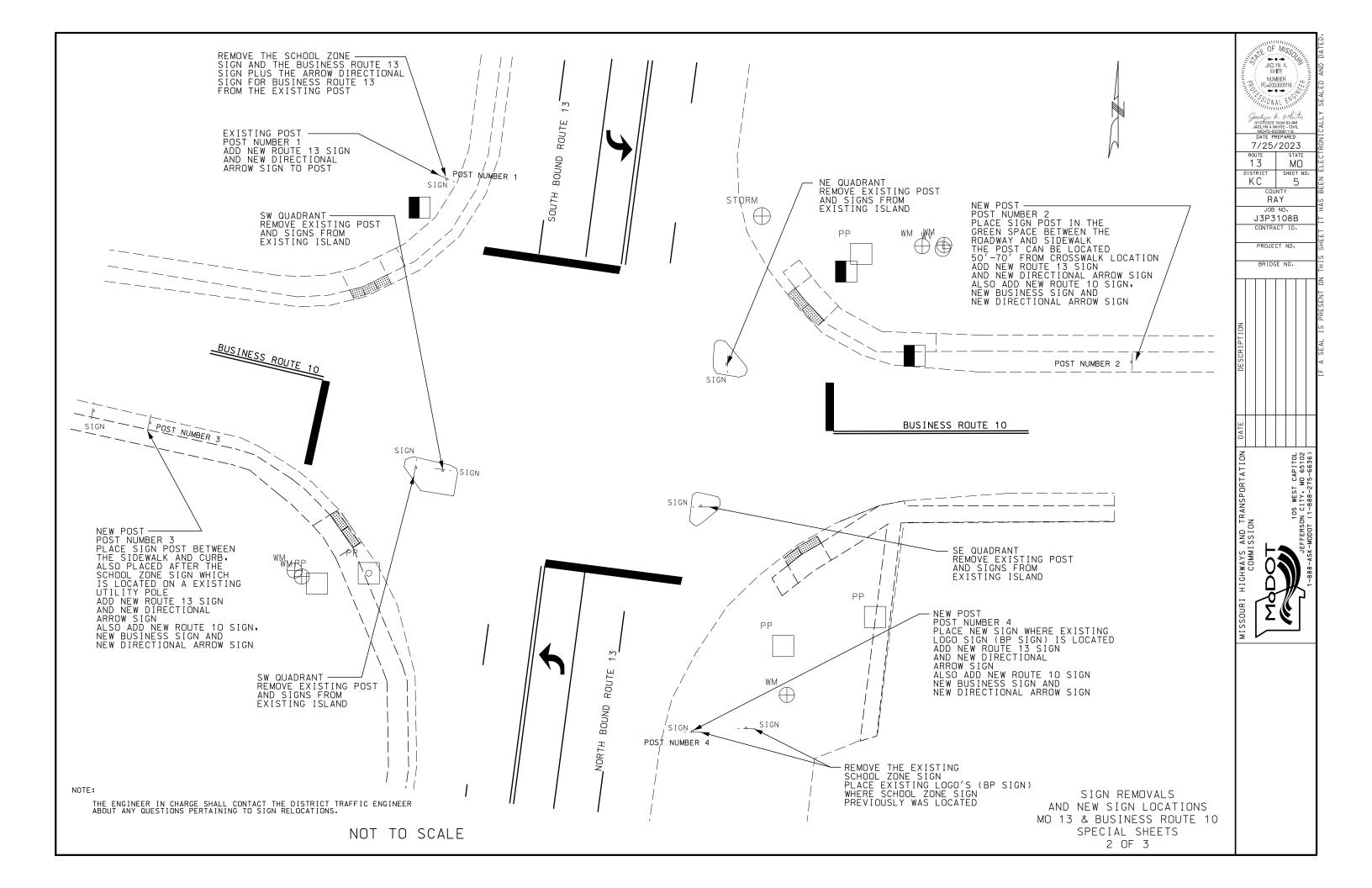
		REMOVAL OF IMPROVEMENTS		
LOG MILE	LOCATION	DESCRIPTION	QUANTITY	UNITS
72.783	NORTH MAIN STREET, EAST OF ROUTE 13	REMOVE 22' OF SIDEWALK AND CURB NEED TO BUILD CURB RAMP, NORTH SIDE OF NORTH MAIN STREET, EAST OF ROUTE 13	12.2 +/-	SQ. YDS.
72.792	NORTH MAIN STREET, EAST OF ROUTE 13	REMOVE 22' OF SIDEWALK AND CURB NEED TO BUILD CURB RAMP, SOUTH SIDE OF NORTH MAIN STREET, EAST OF ROUTE 13	12.2 +/-	SQ. YDS.
72.848	RTE 13, NORTH OF RTE 13 & BUSINESS RTE 10 INTERSECTION	REMOVE THE BUSINESS ROUTE 13 SIGN & DIRECTIONAL SIGN FROM THE EXISTING POST	1	EACH
72.848	RTE 13. NORTH OF RTE 13 & BUSINESS RTE 10 INTERSECTION	REMOVE THE SCHOOL ZONE SIGN FROM THE EXISTING POST	1	EACH
72.859	ROUTE 13 @ BUSINESS ROUTE 10, NORTH EAST QUADRANT	REMOVE EXISTING ISLAND, INCLUDING PAVEMENT AND BASEROCK BELOW EXISTING ISLAND	5.7 +/-	SQ. YDS.
72.859	ROUTE 13 @ BUSINESS ROUTE 10, SOUTH WEST QUADRANT	REMOVE EXISTING ISLAND, INCLUDING PAVEMENT AND BASEROCK BELOW EXISTING ISLAND	9.8 +/-	SQ. YDS.
72.859	ROUTE 13 @ BUSINESS ROUTE 10, SOUTH EAST QUADRANT	REMOVE EXISTING ISLAND, INCLUDING PAVEMENT AND BASEROCK BELOW EXISTING ISLAND	4.8 +/-	SQ. YDS.
72.859	ROUTE 13 @ BUSINESS ROUTE 10, NORTH EAST QUADRANT	SAW CUT ALONG EXISTING CONCRETE ISLAND AND PAVEMENT. FOR ISLAND AND PAVEMENT REMOVAL	28.35′ +/-	L.F.
72.859	ROUTE 13 @ BUSINESS ROUTE 10, SOUTH WEST QUADRANT	SAW CUT ALONG EXISTING CONCRETE ISLAND AND PAVEMENT. FOR ISLAND AND PAVEMENT REMOVAL	37.48' +/-	L.F.
72.859	ROUTE 13 @ BUSINESS ROUTE 10, SOUTH EAST QUADRANT	SAW CUT ALONG EXISTING CONCRETE ISLAND AND PAVEMENT. FOR ISLAND AND PAVEMENT REMOVAL	25.42' +/-	L.F.
72.859	ROUTE 13 @ BUSINESS ROUTE 10, INTERSECTION	LOOP DETECTORS, ROUTE 13 & BUSINESS ROUTE 10 ENTIRE INTERSECTION (IF NEEDED)	4037' +/-	L.F.
72.859	ROUTE 13 @ BUSINESS ROUTE 10, NORTH EAST QUADRANT	REMOVE 1 SIGN POST, THAT PRESENTLY HAS 3 SIGNS, 1- BUSINESS ROUTE 10 SIGN, 2- ROUTE 13 SIGNS, 3-ARROW SIGNS	1	EACH
72.859	ROUTE 13 @ BUSINESS ROUTE 10, SOUTH WEST QUADRANT	REMOVE 1 SIGN POST, THAT PRESENTLY HAS 1 SIGN, 1- ROUTE 13 SIGN, 1-ARROW SIGN	1	EACH
72.859	ROUTE 13 @ BUSINESS ROUTE 10, SOUTH WEST QUADRANT	REMOVE 1 SIGN POST, THAT PRESENTLY HAS 3 SIGNS, 1- BUSINESS ROUTE 10 SIGN, 1- BUSINESS ROUTE 13 SIGN, 1- ROUTE 13 SIGN, 3-ARROW SIGNS	1	EACH
72.859	ROUTE 13 @ BUSINESS ROUTE 10, SOUTH EAST QUADRANT	REMOVE 1 SIGN POST, THAT PRESENTLY HAS 2 SIGNS, 1- BUSINESS ROUTE 10 SIGN, 1- BUSINESS ROUTE 13 SIGN, 2-ARROW SIGNS	1	EACH
72.872	RTE 13, SOUTH OF RTE 13 & BUSINESS RTE 10 INTERSECTION	REMOVE THE EXISTING POST AND SCHOOL ZONE SIGN	1	EACH
72.872	RTE 13, SOUTH OF RTE 13 & BUSINESS RTE 10 INTERSECTION	REMOVE THE EXISTING POST AND LOGO SIGN (BP SIGN) SO IT CAN BE RELOCATED	1	EACH
72.966	LEXINGTON STREET, EAST OF ROUTE 13	REMOVE 10' OF SIDEWALK AND CURB NEED TO BUILD CURB RAMP, NORTH SIDE OF LEXINGTON STREET, EAST OF ROUTE 13	5.6 +/-	SQ. YDS.
72.975	LEXINGTON STREET, EAST OF ROUTE 13	REMOVE 10' OF SIDEWALK AND CURB NEED TO BUILD CURB RAMP, SOUTH SIDE OF LEXINGTON STREET, EAST OF ROUTE 13	5.6 +/-	SQ. YDS.
73.450	ROUTE 13 @ SOUTH STREET, WEST SIDE OF INTERSECTION	REMOVE EXISTING ROCK AND DIRT AT RADIUS FOR WIDENING AT SOUTH STREET, WEST BOUND LANE,	52.1 +/-	SQ. YDS.
73.456	ROUTE 13 @ SOUTH STREET, INTERSECTION	LOOP DETECTORS, ROUTE 13 & SOUTH STREET ENTIRE INTERSECTION (IF NEEDED)	3388 +/-	L.F.
73.955	ROUTE 13 @ WALTON WAY, INTERSECTION	LOOP DETECTORS, ROUTE 13 & WALTON WAY ENTIRE INTERSECTION (IF NEEDED)	2584 +/-	L.F.
		TOTAL	1 LUM	P SUM

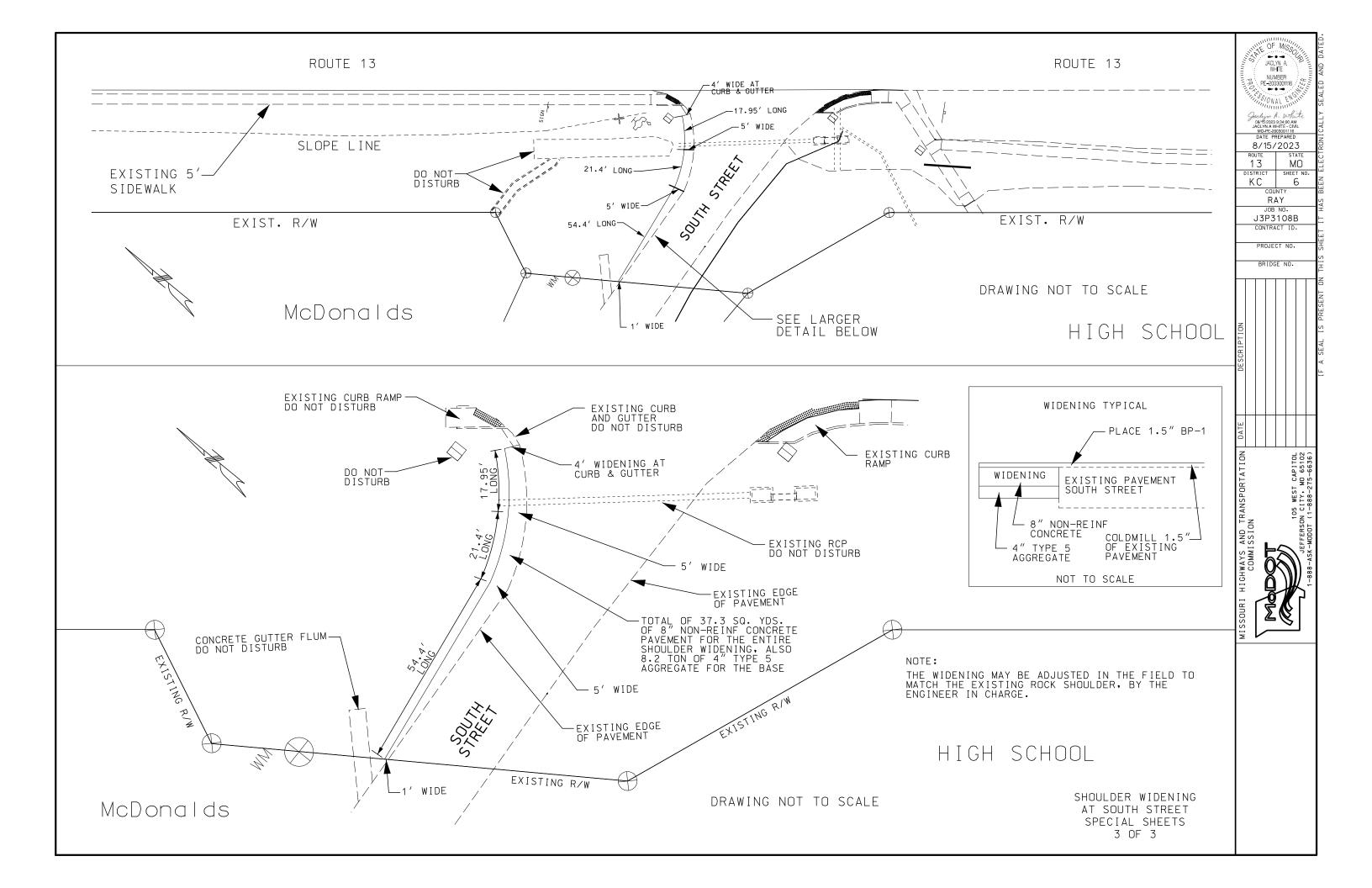
			LOOP	DETECTO	RS
LOG	LOCATION		IN DUCT	LEAD-IN	REMARKS
MILE					
			(LF)	(LF)	
72.859	ROUTE 13 @ BUSINESS ROU	TE 10	306	214	TURN LANE, NORTH SIDE ON ROUTE 13
72.859	ROUTE 13 @ BUSINESS ROU	TE 10	294	214	PASSING LANE, NORTH SIDE ON ROUTE 13
72.859	ROUTE 13 @ BUSINESS ROU	TE 10	284	214	DRIVING LANE, NORTH SIDE ON ROUTE 13
72.859	ROUTE 13 @ BUSINESS ROU	TE 10	316	216	TURN LANE, SOUTH SIDE ON ROUTE 13
72.859	ROUTE 13 @ BUSINESS ROU	TE 10	304	216	PASSING LANE, SOUTH SIDE ON ROUTE 13
72.859	ROUTE 13 @ BUSINESS ROU	TE 10	294	216	DRIVING LANE, SOUTH SIDE ON ROUTE 13
72.859	ROUTE 13 @ BUSINESS ROU	TE 10	299	336	DRIVING LANE, WEST SIDE ON BUSINESS ROUTE 10
72.859	ROUTE 13 @ BUSINESS ROU	TE 10	279	35	DRIVING LANE, EAST SIDE ON BUSINESS ROUTE 10
73.456	ROUTE 13 @ SOUTH STREET		304	238	TURN LANE, NORTH SIDE ON ROUTE 13
73.456	ROUTE 13 @ SOUTH STREET		294	238	PASSING LANE, NORTH SIDE ON ROUTE 13
73.456	ROUTE 13 @ SOUTH STREET		284	238	DRIVING LANE, NORTH SIDE ON ROUTE 13
73.456	ROUTE 13 @ SOUTH STREET		314	188	TURN LANE, SOUTH SIDE ON ROUTE 13
73.456	ROUTE 13 @ SOUTH STREET		304	188	PASSING LANE, SOUTH SIDE ON ROUTE 13
73.456	ROUTE 13 @ SOUTH STREET		294	188	DRIVING LANE, SOUTH SIDE ON ROUTE 13
73.456	ROUTE 13 @ SOUTH STREET		284	32	DRIVING LANE, EAST SIDE ON SOUTH STREET
73.955	ROUTE 13 @ WALTON WAY		299	148	PASSING LANE, NORTH SIDE ON ROUTE 13
73.955	ROUTE 13 @ WALTON WAY		289	148	DRIVING LANE, NORTH SIDE ON ROUTE 13
73.955	ROUTE 13 @ WALTON WAY		314	147	TURN LANE, SOUTH SIDE ON ROUTE 13
73.955	ROUTE 13 @ WALTON WAY		302	147	PASSING LANE, SOUTH SIDE ON ROUTE 13
73.955	ROUTE 13 @ WALTON WAY		292	147	DRIVING LANE, SOUTH SIDE ON ROUTE 13
73.955	ROUTE 13 @ WALTON WAY		316	35	DRIVING LANE, WEST SIDE ON WALTON WAY
	<u> </u>	OTAL	6266	3743	
		AY TOTAL	6270	3740	



							EFFECTIVE: 04-01-2023	,,,,,,,	MINING.
	TOTAL SIGN		QTY TOTAL SIGN					11,12	OF MISSOLIT
SIZE AREA QTY AREA RELO		SIZE AREA QTY TOTAL						1 S / JA	ACLYN A 2 = 1 WHITE
SIGN IN SQ.FT EACH SQ.FT. EACH		SIGN IN SQ.FT EACH SQ.FT		DESCRIPTION	ITEM	l		I I NI	NUMBER
WARNING			UIDE SIGNS		NUMBER	QTY	DESCRIPTION	1,000	2003001116
W01-1L 48X48 16.00 W01-1R 48X48 16.00	TURN (SYMBOL LEFT ARROW) TURN (SYMBOL RIGHT ARROW)	E05-1 36X48 12.00 1 12 E05-2 48X36 12.00		GORE EXIT EXIT OPEN	6122008 6122009		IMPACT ATTENUATOR 40 MPH (SAND BARRELS) IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	11,38/0	WAL EMMINI
W01-2L 48X48 16.00	CURVE (SYMBOL LEFT ARROW)	E05-2a 48X36 12.00		EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	Jackyn	n A. White 023 10:03:43 AM
WO1-2R 48X48 16.00	CURVE (SYMBOL RIGHT ARROW)	GD20-1 60X24 10.00		ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	JACLYN A MO-PE	A WHITE - CIVIL E-2003001116
WO1-3L 48X48 16.00	REVERSE TURN (SYMBOL LEFT ARROW)	G020-2 48X24 8.00		END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)		PREPARED 5/2023
W01-3R 48X48 16.00	REVERSE TURN (SYMBOL RIGHT ARROW)	G020-4 36X18 4.50		PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	ROUTE	STATE
W01-4L 48X48 16.00 W01-4R 48X48 16.00	REVERSE CURVE (SYMBOL LEFT ARROW) REVERSE CURVE (SYMBOL RIGHT ARROW)	G020-4a 42X30 8.75 G020-4a 18X12 1.50		PILOT CAR IN USE WAIT & FOLLOW PILOT CAR IN USE WAIT & FOLLOW	6122019 6122020		IMPACT ATTENUATOR 70 MPH (SAND BARRELS) REPLACEMENT SAND BARREL	13	MO
W01-4bL 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	GD20-5aP 36X24 6.00 2 12		WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	DISTRICT K C	SHEET NO.
WO1-4bR 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	MD4-8a 24X18 3.00		END DETOUR	6123000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)		OUNTY
W01-4cL 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	MO4-9L 48X36 12.00		DETOUR (LEFT ARROW)	6161008	2	ADVANCED WARNING RAIL SYSTEM		RAY
W01-4cR 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	MO4-9R 48X36 12.00		DETOUR (RIGHT ARROW)	6161012		BUOYS (BOATS KEEP OUT)		3108B
W01-6 60X30 12.50 W01-6a 72X36 18.00	HORIZONTAL ARROW (SYMBOL) HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-9P 48X12 4.00 MO4-10L 48X18 6.00		STREET NAME (PLAQUE) DETOUR (ARROW LEFT)	6161013 6161014		BUOYS (NO WAKE) SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)		RACT ID.
W01-7 60X30 12.50	DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R 48X18 6.00		DETOUR (ARROW RIGHT)	6161025	300	CHANNELIZER (TRIM LINE)		
WO1-7a 72X36 18.00	DOUBLE HEAD HORIZ, ARROW (SYMBOL ON PERM, BARR,	REGUL	JLATORY SIGNS		6161030		TYPE III MOVEABLE BARRICADE	PROJI	JECT NO.
W01-8 18X24 3.00	CHEVRON (SYMBOL)	R1-1 48X48 13.25		STOP	6161033		DIRECTION INDICATOR BARRICADE	BRID	DGE NO.
W01-8a 30X36 7.50 W03-1 48X48 16.00	CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS) STOP AHEAD (SYMBOL)	R1-2 48TRI. 6.93 1 6.93 R1-2a 36X36 9.00		YIELD TO ONCOMING TRAFFIC (PLAQUE)	6161040 6161047	2	FLASHING ARROW PANEL TYPE III OBJECT MARKER	L	
W03-1 48X48 16.00 1 16	YIELD AHEAD (SYMBOL)	R1-2d 36X36 9.00 R1-3P 30X12 2.50		ALL WAY (PLAQUE)	6161047		SEQUENTIAL FLASHING WARNING LIGHT		
W03-3 48X48 16.00	SIGNAL AHEAD (SYMBOL)	R2-1 36X48 12.00 4 48		SPEED LIMIT XX	6161070		TUBULAR MARKER		
WO3-4 48X48 16.00	BE PREPARED TO STOP	R3-1 48X48 16.00		NO RIGHT TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM		
W03-5 48X48 16.00	SPEED LIMIT AHEAD	R3-2 48X48 16.00		NO LEFT TURN (SYMBOL)	6464000		CHANGEABLE MESSAGE SIGN,		
W04-1L 48X48 16.00 W04-1R 48X48 16.00 3 48	MERGE (SYMBOL FROM LEFT) MERGE (SYMBOL FROM RIGHT)	R3-3 36X36 9.00 R3-4 48X48 16.00		NO TURNS NO U-TURN (SYMBOL)	6161096		COMMISSION FURNISHED/RETAINED CHANGEABLE MESSAGE SIGN W/O COMM.		
W04-1R 48X48 16.00 3 48 W04-1aL 48X48 16.00 3 48	MERGE (STMBOL FROM RIGHT) MERGE (ARROW SYMBOL)	R3-7L 30X30 6.25 2 12.5		LEFT LANE MUST TURN LEFT	6161098A		INTERFACE, CONTRACTOR FURNISHED/RETAINED	RIP	
W04-1aR 48X48 16.00	MERGE (ARROW SYMBOL)	R3-7R 30X30 6.25 2 12.5		RIGHT LANE MUST TURN RIGHT		_	CHANGEABLE MESSAGE SIGN WITH COMM.	SE	
W05-1 48X48 16.00 1 16	ROAD/BRIDGE/RAMP NARROWS	R4-1 36X48 12.00		DO NOT PASS	6161099		INTERFACE, CONTRACTOR FURNISHED/RETAINED		
W05-3 48X48 16.00	ONE LANE BRIDGE	R4-2 36X48 12.00		PASS WITH CARE	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM		
W05-5 48X48 16.00 W06-1 48X48 16.00	NARROW LANES DIVIDED HIGHWAY (SYMBOL)	R4-8a 36X48 12.00 R4-7a 36X48 12.00 2 24		KEEP LEFT (HORIZONTAL ARROW) KEEP RIGHT (HORIZONTAL ARROW)	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS TEMPORARY TRAFFIC BARRIER		
W06-2 48X48 16.00	DIVIDED HIGHWAY END (SYMBOL)	R5-1 30X30 6.25		DO NOT ENTER	61736000		CONTRACTOR FURNISHED/RETAINED		
WO6-3 48X48 16.00	TWO WAY TRAFFIC (SYMBOL)	R5-1a 36X24 6.00		WRONG WAY			TEMPORARY TRAFFIC BARRIER	ш	
W07-3a 30X24 5.00 2 10	NEXT XX MILES (PLAQUE)	R6-1L 54X18 6.75		ONE WAY ARROW (LEFT)	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED	DAT	
W08-1 48X48 16.00	BUMP DIP	R6-1R 54X18 6.75 R6-2L 24X30 5.00		ONE WAY (LEET)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION		\bot
W08-2 48X48 16.00 W08-3 48X48 16.00	PAVEMENT ENDS	R6-2L 24X30 5.00 R6-2R 24X30 5.00		ONE WAY (LEFT) ONE WAY (RIGHT)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER TEMPORARY TRAFFIC BARRIER	NO	105 WEST CAPITOL FERSON CITY, MO 65102
W08-4 48X48 16.00	SOFT SHOULDER	R9-9 24X12 2.00 4 8		SIDEWALK CLOSED	6176000B		COMMISSION FURNISHED/RETAINED	_ I ⊢	P I -
WO8-5 48X48 16.00	SLIPPERY WHEN WET (SYMBOL)			SIDEWALK CLOSED AHEAD,			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	RT,	် 🗟 ု
W08-6 48X48 16.00	TRUCK CROSSING (WITH FLAGS)	R9-11L 24X18 3.00		(ARROW LEFT) CROSS HERE	6177000B		COMMISSION FURNISHED/RETAINED	100 100 100 100 100 100 100 100 100 100	ES - Y
W08-6c 48X48 16.00	TRUCK ENTRANCE LOOSE GRAVEL	- R9-11R 24X18 3.00		SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6208064A		TEMPORARY RAISED PAVEMENT MARKER TEMPORARY TRAFFIC SIGNALS	N A	, 50 CIT
W08-7a 36X36 9.00	FRESH OIL/LOOSE GRAVEL	R10-6 24X36 6.00		STOP HERE ON RED (45° ARROW)	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	NO TR	_ N .
W08-9 48X48 16.00	LOW SHOULDER	R11-2 48X30 10.00		ROAD CLOSED	6169902	4	ADA COMPLINANT MOVABLE SIDEWALK BARRICADE	910	ERS
W08-11 48X48 16.00 6 96	UNEVEN LANES			ROAD CLOSED XX MILES AHEAD				I SS L	_ _ _
W08-12 48X48 16.00 6 96	NO CENTER LINE GROOVED PAVEMENT	R11-3a 60X30 12.50 R11-4 60X30 12.50		LOCAL TRAFFIC ONLY				S MM	
W08-15 48X48 16.00 W08-15P 30X24 5.00	MOTORCYCLE (PLAQUE)	CONST-3A 60X48 20.00		ROAD CLOSED TO THRU TRAFFIC FINE SIGN				COM	
W08-17 48X48 16.00	SHOULDER DROP-OFF (SYMBOL)	CONST-3X 56X12 4.67		SPEEDING/PASSING (PLATE)					` 'U
WO8-17P 30X24 5.00	SHOULDER DROP-OFF (PLAQUE)	MISCEL	LLANEOUS SIGNS		•			こっぱ	
W10-1 42RND. 9.62	RAILROAD CROSSING	CONST-5 48X36 12.00		POINT OF PRESENCE					<i>= </i>
W012-1 24X24 4.00 W012-2 48X48 16.00	DOUBLE DOWN ARROW (SYMBOL) LOW CLEARANCE (SYMBOL)	CONST-5 96X48 32.00 2 64 CONST-7 48X24 8.00		POINT OF PRESENCE RATE OUR WORK ZONE				S Z	- 2 -
W012-2X 24X18 3.00	LOW CLEARANCE (STMBOL)	CONST-7 72X36 18.00 2 36		RATE OUR WORK ZONE				Is /	
W012-2a 84X24 14.00	OVERHEAD LOW CLEARANCE (FEET AND INCHES)	CONST-8 48X36 12.00 2 24		WORK ZONE NO PHONE ZONE				2	
W012-4 120X60 50.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD							1	
W012-5 120X60 50.00	WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD							1	
W013-1 30X30 6.25 2 12.5 W016-2 30X24 5.00	ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE)							1	
W016-3 30X24 5.00	X MILE (PLAQUE)							1	
W020-1 48X48 16.00 20 320	ROAD/BRIDGE/RAMP WORK AHEAD								
W020-2 48X48 16.00	DETOUR AHEAD							1	
W020-3 48X48 16.00	ROAD CLOSED AHEAD	616-10.05	MI I						
W020-4 48X48 16.00 W020-5 48X48 16.00 4 64	ONE LANE ROAD AHEAD RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.05 CONSTRUCTION SIGNS 1091						1	
W020-5a 48X48 16.00	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	616-10.10	TOTAL					1	
W020-6a 48X48 16.00 4 64	RIGHT/CENTER/LEFT LANE CLOSED	RELOCATED SIGNS	0						
W020-7a 48X48 16.00	FLAGGER (SYMBOL, WITH FLAGS)							1	
W021-2 36X36 9.00	FRESH OIL	-							
W021-5 48X48 16.00 2 32 W022-1 48X48 16.00	SHOULDER WORK AHEAD BLASTING ZONE AHEAD	-						1	
W022-7 48X46 16:00 W022-2 42X36 10:50	TURN OFF 2-WAY RADIO AND PHONE	NOTES:					A	1	
W022-3 42X36 10.50	END BLASTING ZONE	NOTES:	C ADE ECTIMATED FOR	7 MILE LANE OLOGUPE			QUANTITIES	1	
G022-1 21X15 2.19 4 8.76	WET PAINT (ARROW PIVOTS)	TRAFFIC CONTROL QUANTITIES	S ARE ESTIMATED FUR A 1.	J MILE LANE CLUSURE.			SHEET 9 OF 9	1	







Traffic Control Legend, Sign Spacing, Device Spacing, Channelizing Taper Lengths And Recommended Maximum Speed Reductions

SPEED	SIGN SPACE	ING (ft.)	TAPER LENG	TH (ft.)	OPTIONAL	CHANNELIZ	ER SPACING (ft.)
PERMANENT POSTED SPEED MPH	UNDIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (f+.) (B)	TAPERS	BUFFER LENGTH (ft.)
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. (STANDA	ARD SHOULDER WIDTH:	OFFSET, 2,	LANE TAPER LENGTH B	ASED ON 12 FT. (S	TANDARD LANE WIDTH) OFFSET.

SPEED	SIGN SPACE	[NG (ft.)	TAPER LENG	TH (ft.)	OPTIONAL	CHANNELIZ	ER SPACING (ft.)
PERMANENT POSTED SPEED MPH	UNDIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft.) (B)	TAPERS	BUFFER LENGTH (ft.)
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
			(STANDARD SHOULDER NDARD LANE WIDTH)		ET.		

** THE SA DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN.

THE SB DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS.

THE SC DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS.

(THE "FIRST SIGN" IS THE SIGN IN A THREE-SIGN SERIES THAT IS CLOSEST TO THE TEMPORARY TRAFFIC CONTROL ZONE. THE "THIRD SIGN" IS THE SIGN THAT IS FURTHEST UPSTREAM FROM THE TEMPORARY TRAFFIC CONTROL ZONE)

DETAILS NOTES:

- SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION.
- SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
- (3) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER
- (4) CONCRETE BARRIER MAY BE INSTALLED AT 8:1 FLARE RATE FROM THE SHOULDER POINT OF THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER

L = TAPER LENGTH IN FEET

ROAD WORK IN MPH

TAPER LENGTH (L)

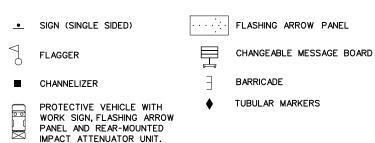
L = W X P FOR 40 MPH OR MORE

 $L = \frac{WP^2}{60}$ FOR 35 MPH OR LESS

W = LATERAL SHIFT IN FEET

P = POSTED SPEED PRIOR TO

TRAFFIC CONTROL LEGEND



LEGEND NOTE:

THE PROTECTIVE VEHICLE SIGN SHALL BE MOUNTED AT A RECOMMENDED HEIGHT OF 48 IN. ABOVE THE ROAD SURFACE.

GENERAL NOTES:

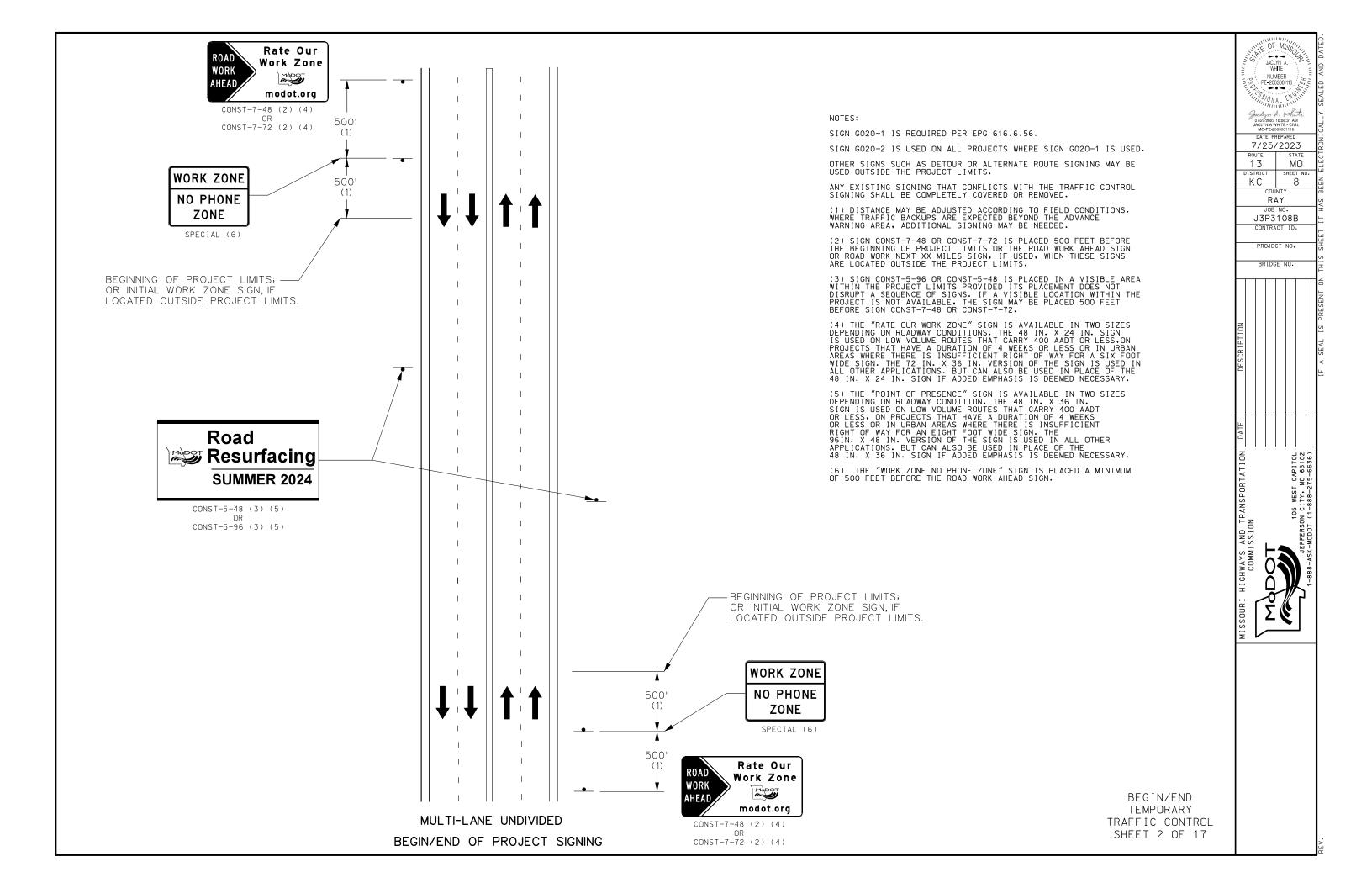
- 1. SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN.
- 2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
- 3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
- 4. CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
- 5. LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.
- 6. THE PLACEMENT OF THE CMS's ARE TO BE DIRECTED BY THE ENGINEER IN CHARGE.

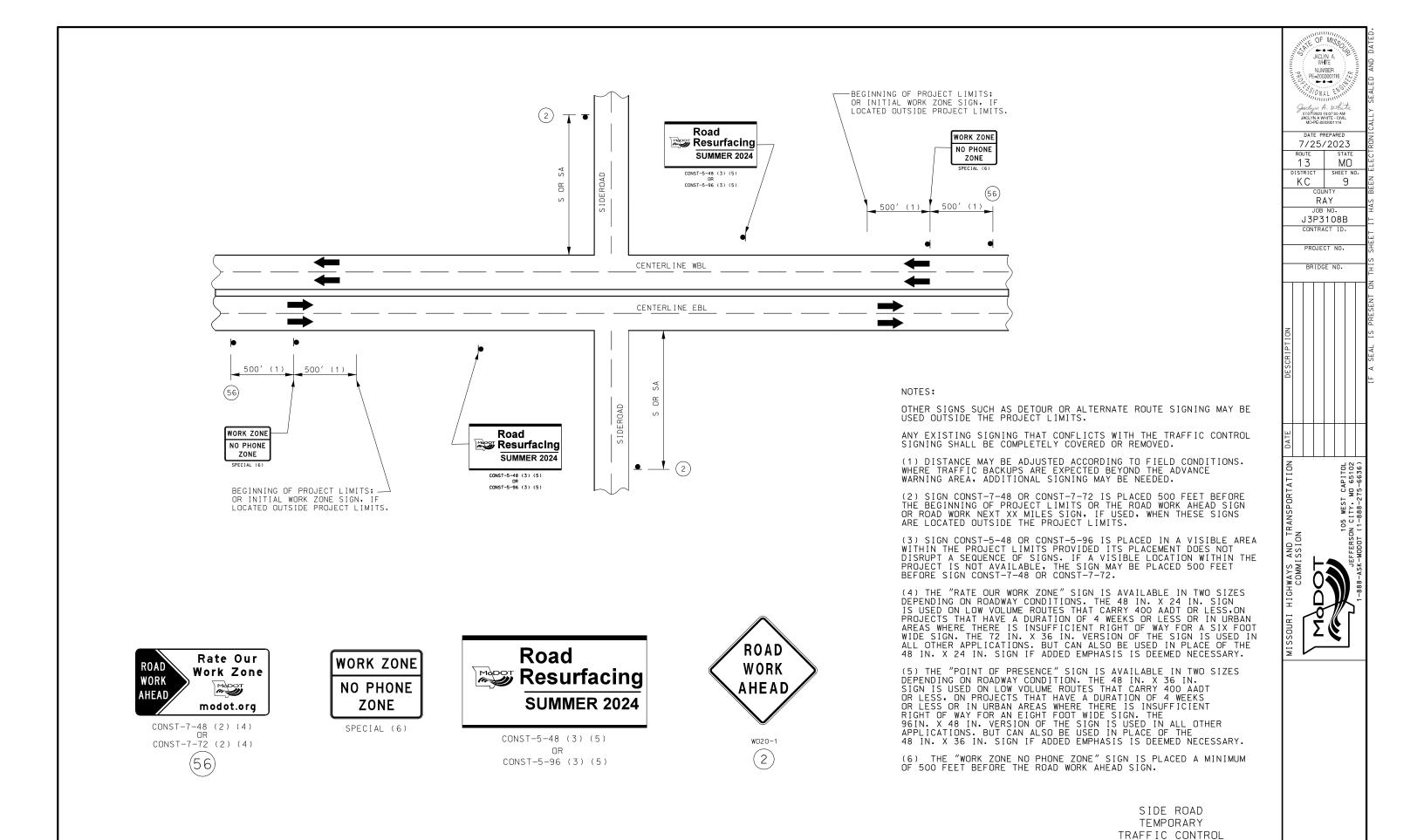
EPG TABLE 616.12 RECOMMENDE	D MAXIMUM SPEED REDUCTIONS
ACTIVITY (I.E. WORKERS, EQUIPMENT OR MATERIAL) LOCATION	RECOMMENDED WORK ZONE SPEED REDUCTION (WHEN APPLICABLE)
10 FT. BEYOND EDGE OF TRAVELWAY TO EDGE OF RIGHT OF WAY	NO SPEED REDUCTION
IN TRAFFIC LANE OR WITHIN 10FT. OF THE TRAFFIC LANE	10 MPH
HEAD-TO-HEAD ON MULTILANE	10 MPH

SPECIAL CIRCUMSTANCES WITHIN A TEMPORARY TRAFFIC CONTROL WORK ZONE MAY WARRANT A LOWER SPEED LIMIT THAN RECOMMENDED ABOVE. ALL SPEED LIMIT REDUCTIONS GREATER THAN 10 MPH SHALL BE DOCUMENTED, SUBMITTED TO AND APPROVED BY THE DISTRICT WORK ZONE COORDINATOR.

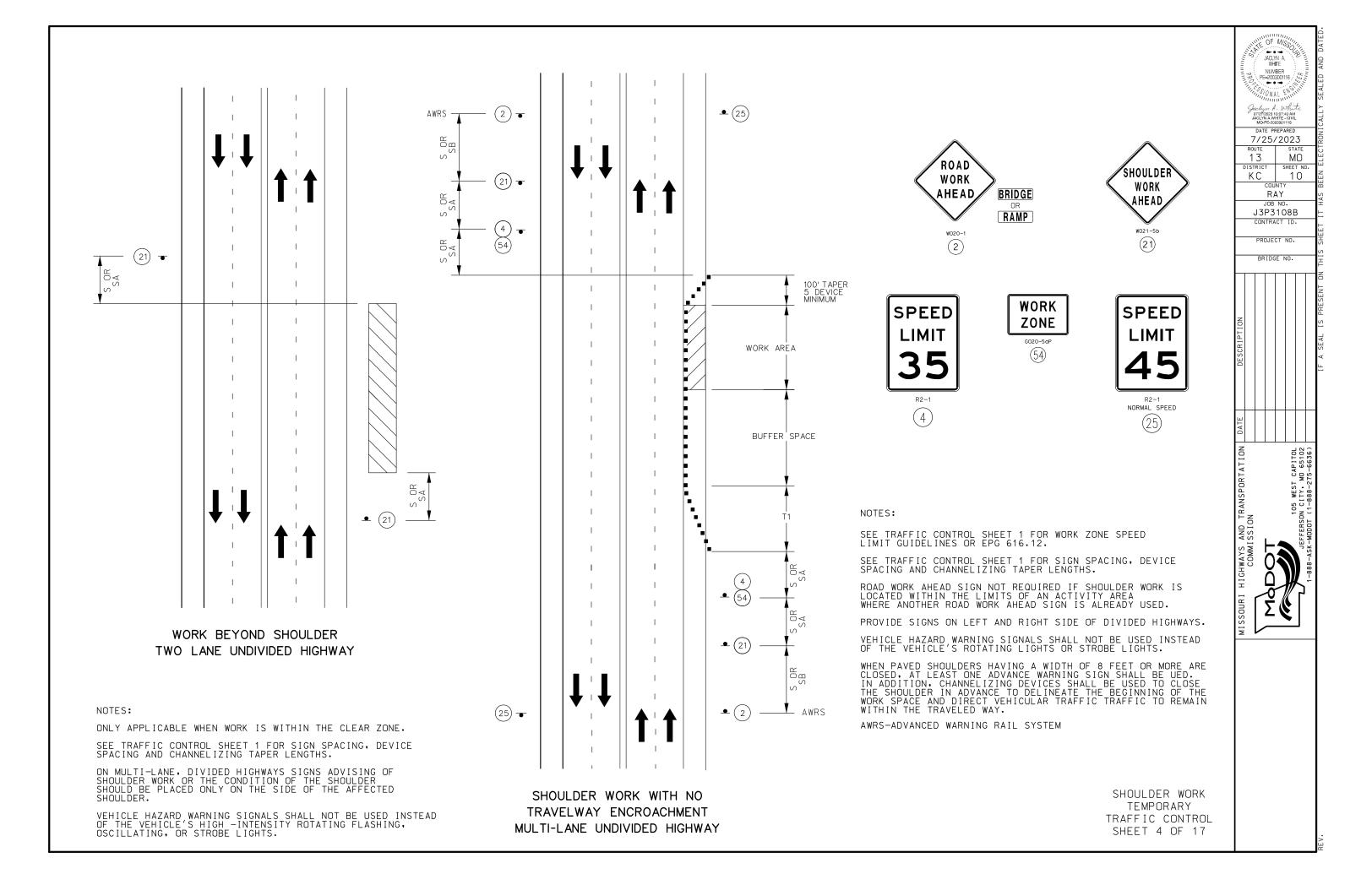
DEVICE SPACING TEMPORARY TRAFFIC CONTROL SHEET 1 OF 17

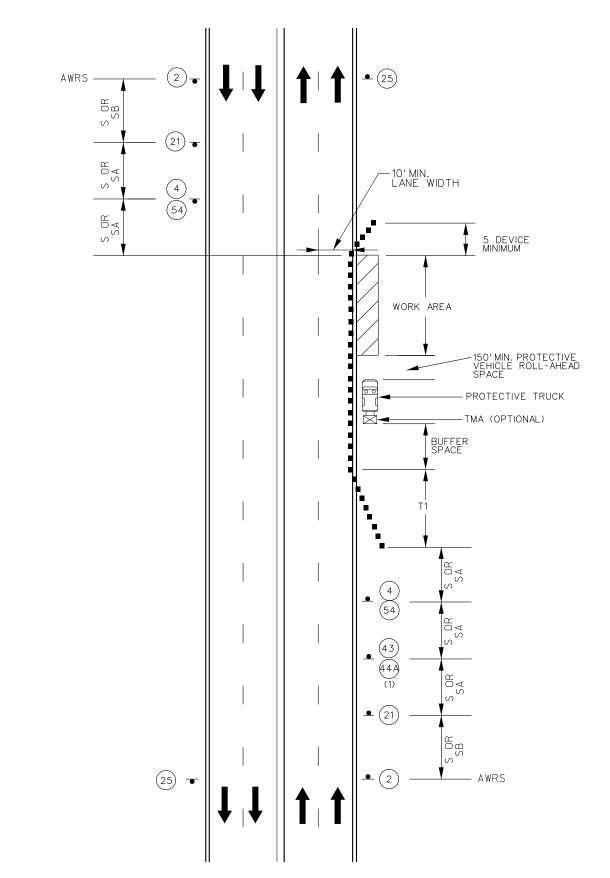
7/25/2023 1.3 КC $R\Delta Y$ J3P3108B CONTRACT ID. PROJECT NO. BRIDGE NO.





SHEET 3 OF 17





SHOULDER WORK
MINOR TRAVELWAY ENCROACHMENT MULTI-LANE UNDIVIDED HIGHWAY





NEXT .3 MILES

W07-3a

(44A)

(1)











CHANNELIZERS

NOTES:

SEE TRAFFIC CONTROL SHEET 1 FOR WORKZONE SPEED LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

SIGN 2 (ROAD WORK AHEAD) NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS

THE PROTECTIVE VEHICLE MAY BE OMITTED IF A TAPER AND CHANNELIZING DEVICES ARE USED.

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

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S ROTATING LIGHTS OR STROBE LIGHTS.

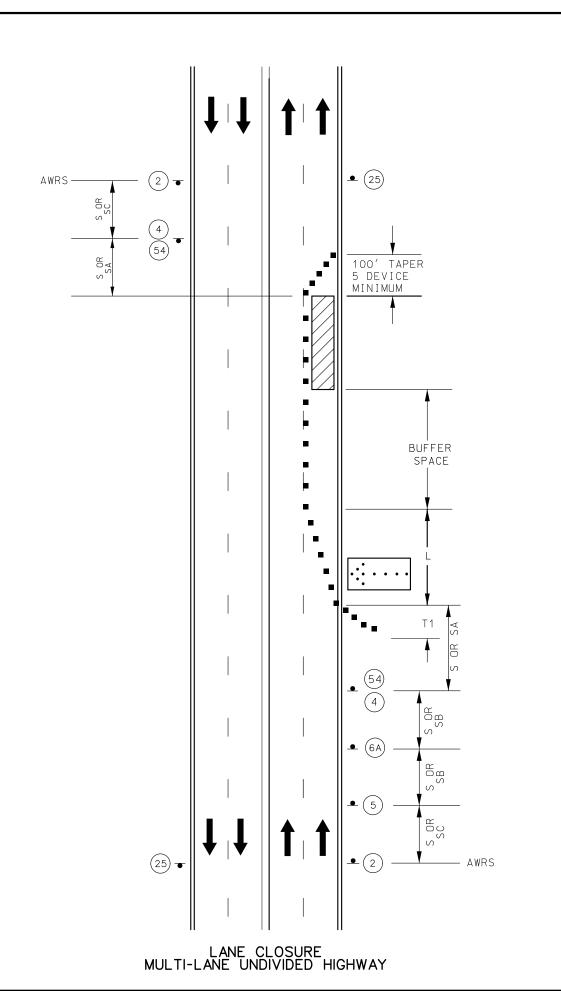
SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-DENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

AWRS-ADVANCED WARNING RAIL SYSTEM

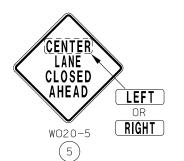
(1). SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

> SHOULDER WORK LANE CLOSURE TEMPORARY TRAFFIC CONTROL SHEET 5 OF 17

JACLYN A. WHITE 7/25/2023 1.3 MΩ DISTRICT SHEET NO 1 1 КC RAY J3P3108B CONTRACT ID. PROJECT NO. BRIDGE NO.







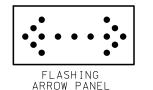












CHANNEL I ZERS

(25)

NOTES:

SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PREFORMED 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 SIGN SHALL BE SUBSTITUTED.

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

TEMPORARY TRAFFIC BARRIERS, IF USED SHALL COMPLY WITH THE PROVISIONS IN EPG 616.6.85 TEMPORARY TRAFFIC BARRIER AND REVIEW TA-34 LANE CLOSURE WITH A TEMPORARY TRAFFIC BARRIER.

REVIEW EPG TA-34d LANE CLOSURE WITH WIDTH AND LANE RESTRICTIONS DE/CM FOR A LANE CLOSURE WITH WIDTH RESTRICTIONS.

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.

REVIEW EPG 616.6.83 WARNING LIGHTS WHEN SEQUENTIAL OR WARNING LIGHTS SHOULD BE USED ON NIGHTTIME OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

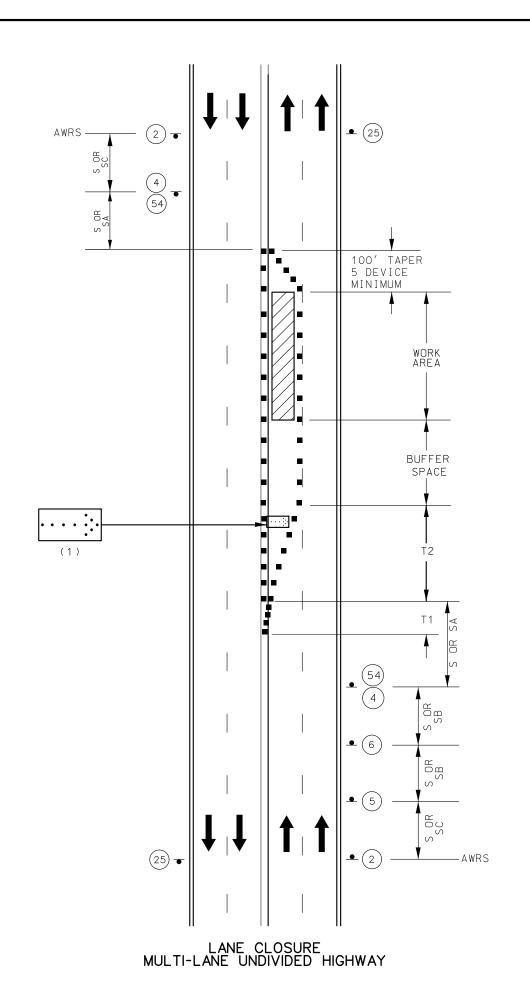
FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAG AND ADVANCE WARNING RAIL SYSTEM.

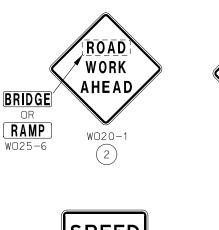
REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES

AWRS-ADVANCED WARNING RAIL SYSTEM

SHOULDER WORK LANE CLOSURE TEMPORARY TRAFFIC CONTROL SHEET 6 OF 17

JACLYN A. WHITE NUMBER 7/25/2023 1.3 MΩ DISTRICT SHEET NO 12 КC RAY J3P3108B CONTRACT ID. PROJECT NO. BRIDGE NO.







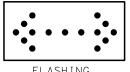






NORMAL SPEED (25)





FLASHING ARROW PANEL **CHANNEL I ZERS**

NOTES:

SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES, OR EPG 616.12.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

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

TEMPORARY TRAFFIC BARRIERS, IF USED SHALL COMPLY WITH THE PROVISIONS IN EPG 616.6.85 TEMPORARY TRAFFIC BARRIER AND REVIEW TA-34 LANE CLOSURE WITH A TEMPORARY TRAFFIC BARRIER.

REVIEW EPG TA-34g LANE CLOSURE WITH WIDTH AND LANE RESTRICTIONS DE/CM FOR A LANE CLOSURE WITH WIDTH RESTRICTIONS.

REVIEW EPG 616.6.83 WARNING LIGHTS WHEN SEQUENTIAL OR WARNING LIGHTS SHOULD BE USED ON NIGHTTIME OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

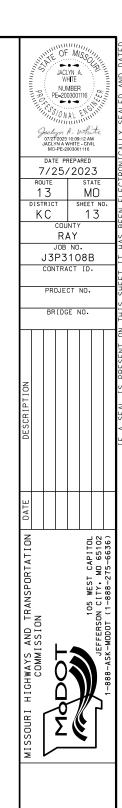
FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAG AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES

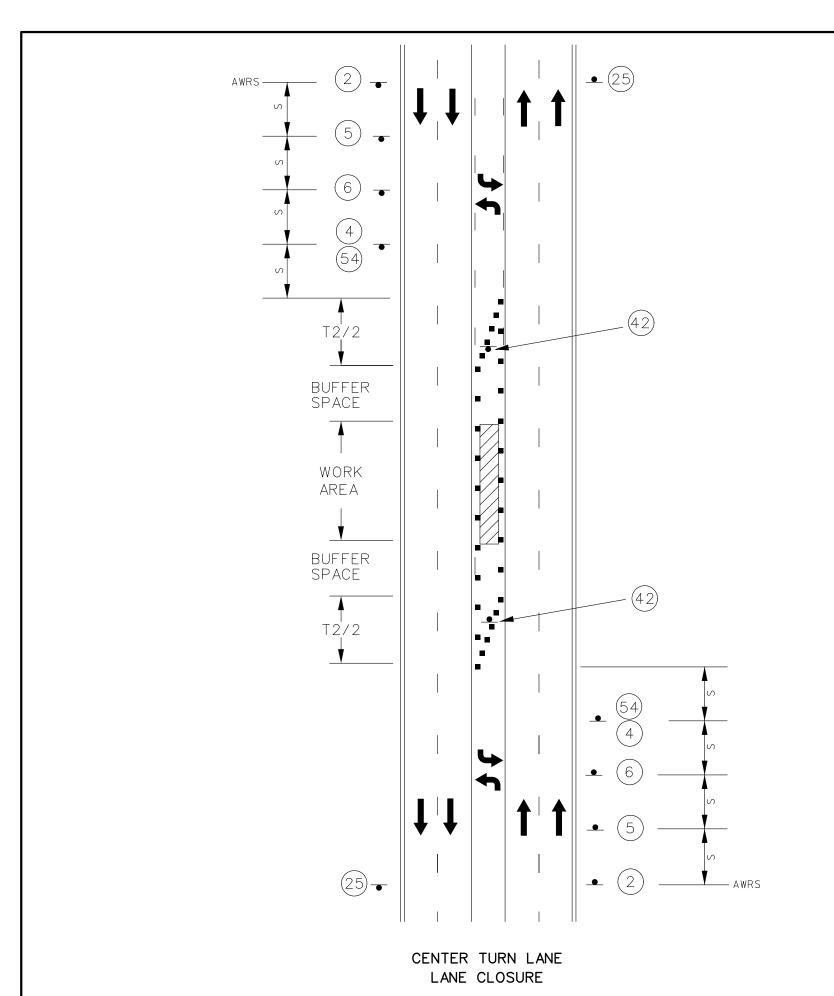
AWRS-ADVANCED WARNING RAIL SYSTEM

(1). THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOW THIS PLACEMENT.

SHOULDER WORK LANE CLOSURE TEMPORARY TRAFFIC CONTROL



SHEET 7 OF 17











(4)



25)



(42)

WORK ZONE

G020-5aP (54)

NOTES:

SIGN 5 MAY BE OMITTED IN URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES, AND THE POSTED SPEED LIMIT PRIOR TO CONSTRUCTION IS 45 MPH OR LESS.

SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

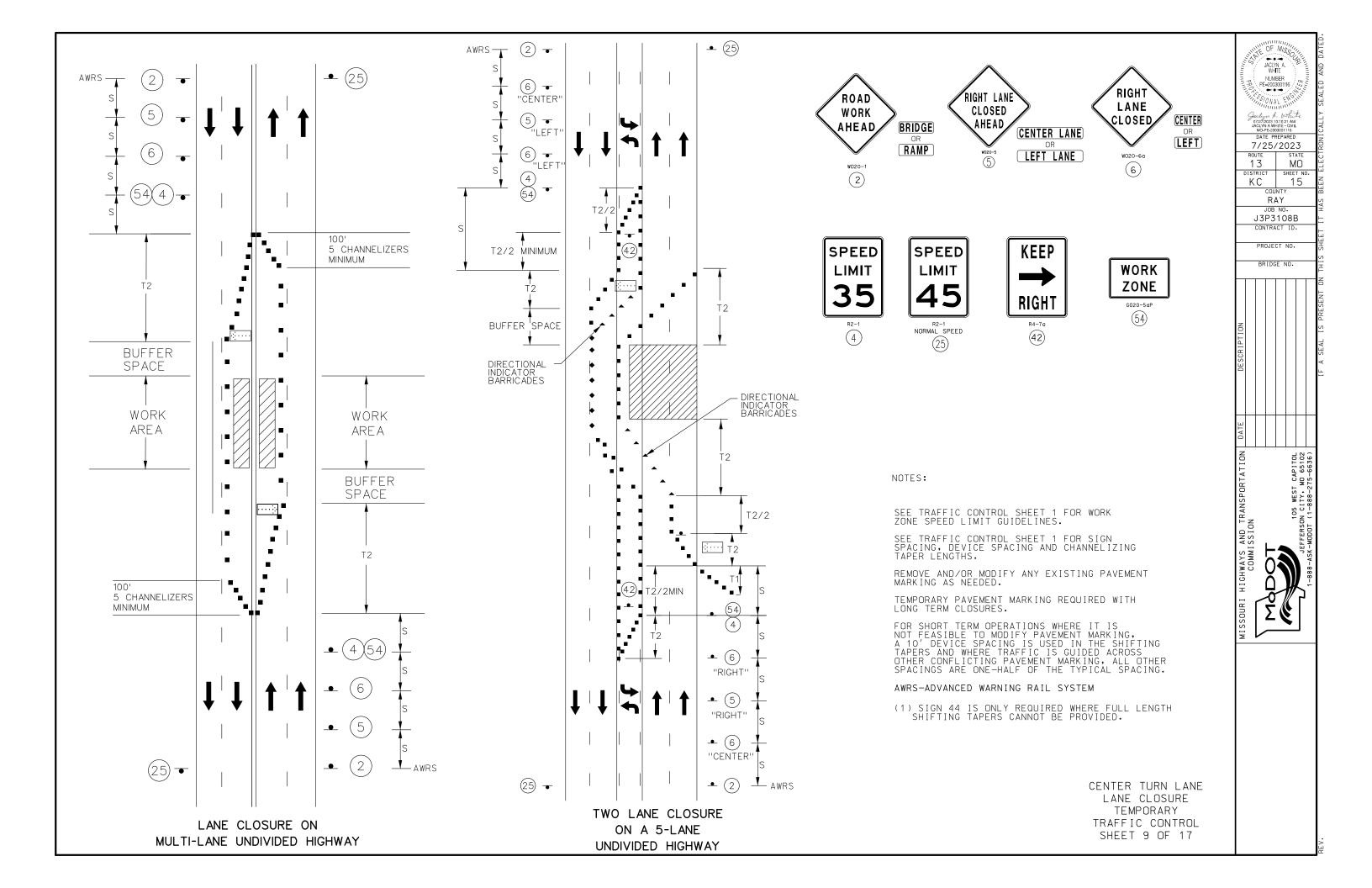
FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10' DEVICE SPACING IS USED IN THE SHIFTING TAPERS AND WHERE TRAFFIC IS GUIDED ACROSS OTHER CONFLICTING PAVEMENT MARKING, ALL OTHER SPACINGS ARE ONE—HALF OF THE TYPICAL SPACING.

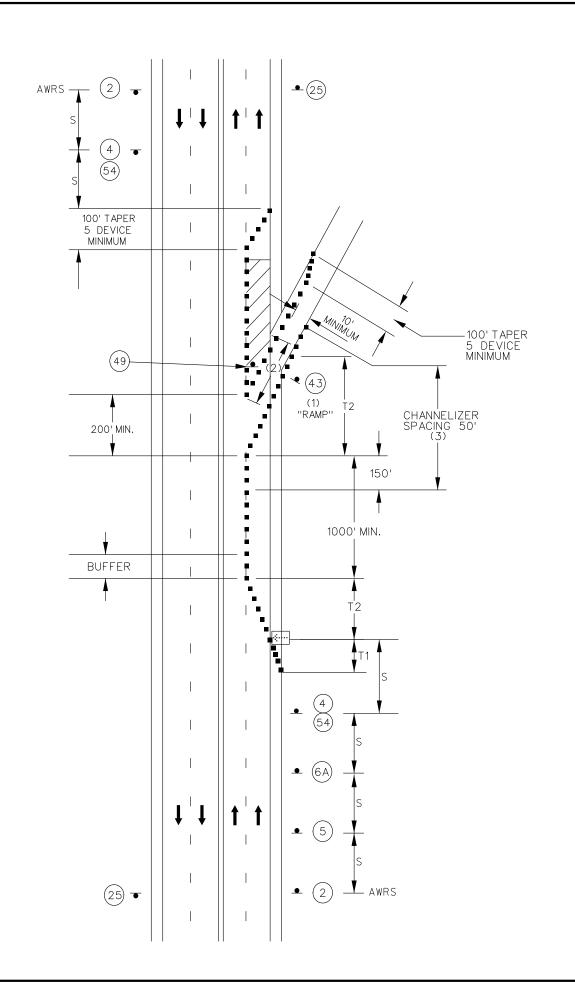
AWRS-ADVANCED WARNING RAIL SYSTEM

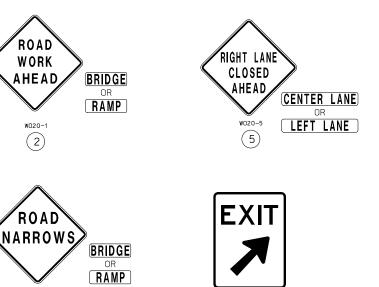
CENTER TURN LANE CLOSURE TEMPORARY TRAFFIC CONTROL SHEET 8 OF 17

JACLYN A WHITE NUMBER 7/25/2023 MΩ SHEET NO

1.3 DISTRICT KC 14 RAY J3P3108B CONTRACT ID. PROJECT NO. BRIDGE NO.











MERGE

W04-1a

(6 A)



(43)





NOTES:

SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES. SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

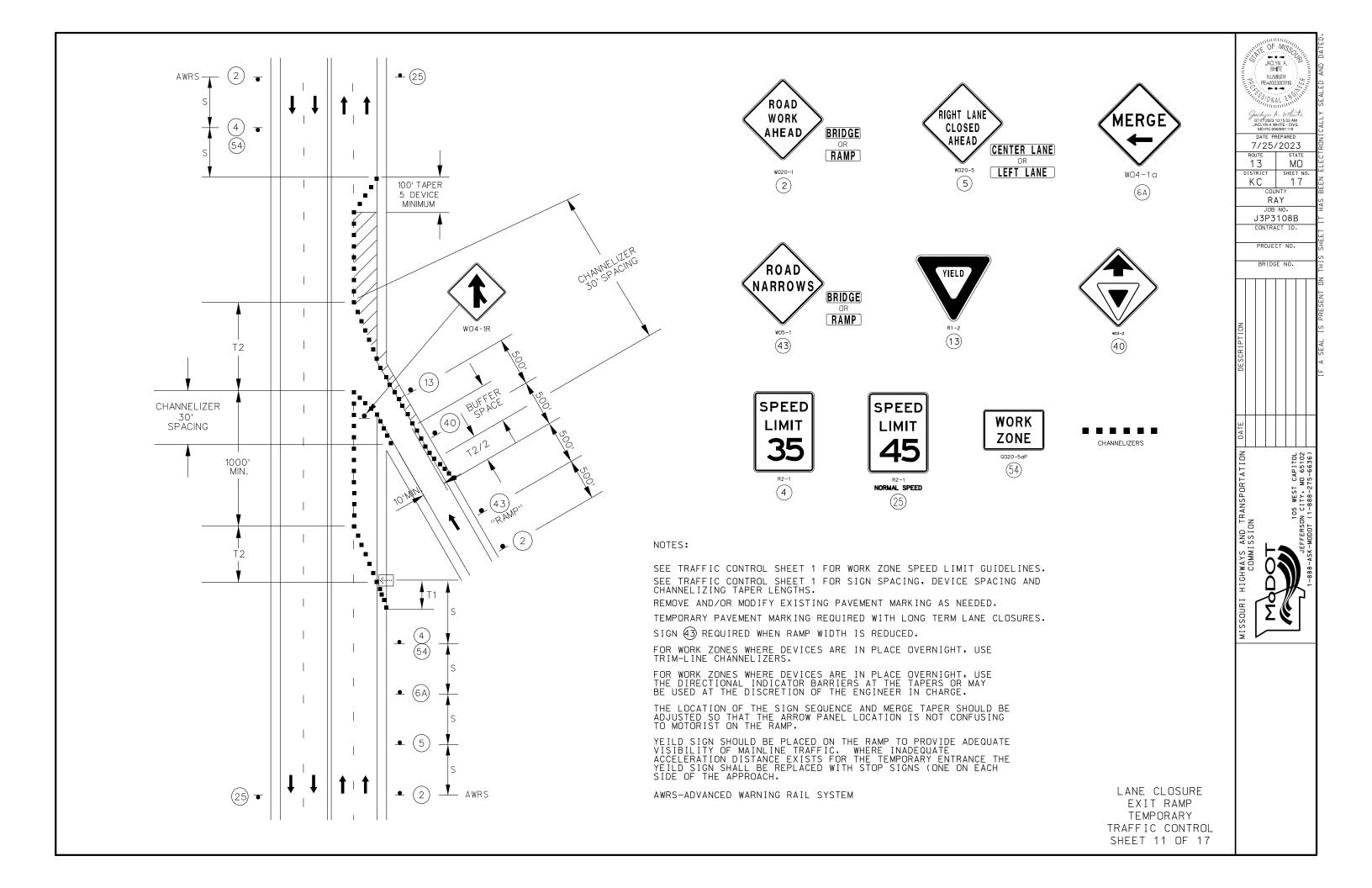
FOR WORK ZONES WHERE DEVICES ARE IN PLACE OVERNIGHT, USE THE DIRECTIONAL INDICATOR BARRIERS AT THE TAPERS OR MAY BE USED AT THE DISCRETION OF THE ENGINEER IN CHARGE.

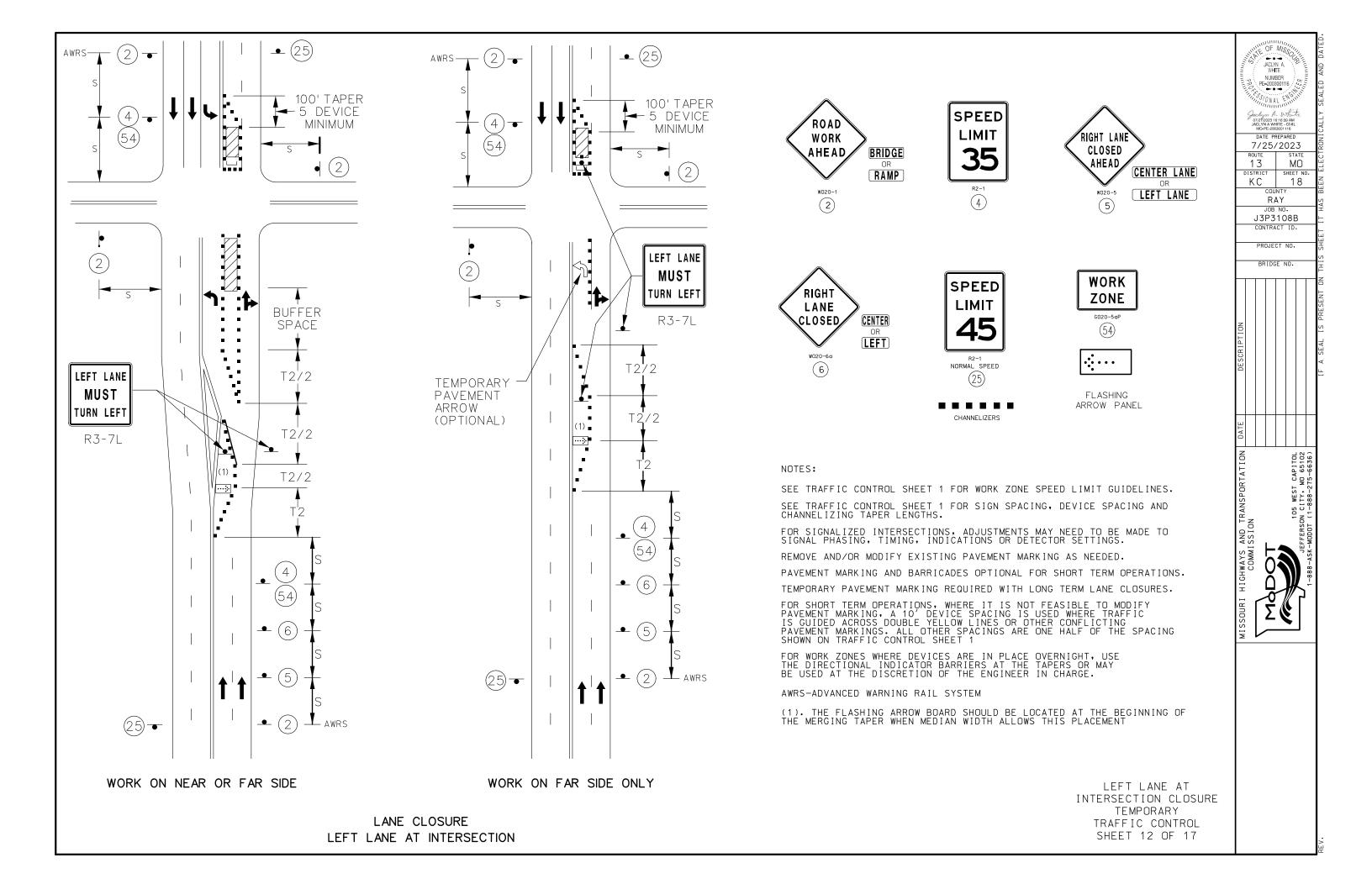
AWRS-ADVANCED WARNING RAIL SYSTEM

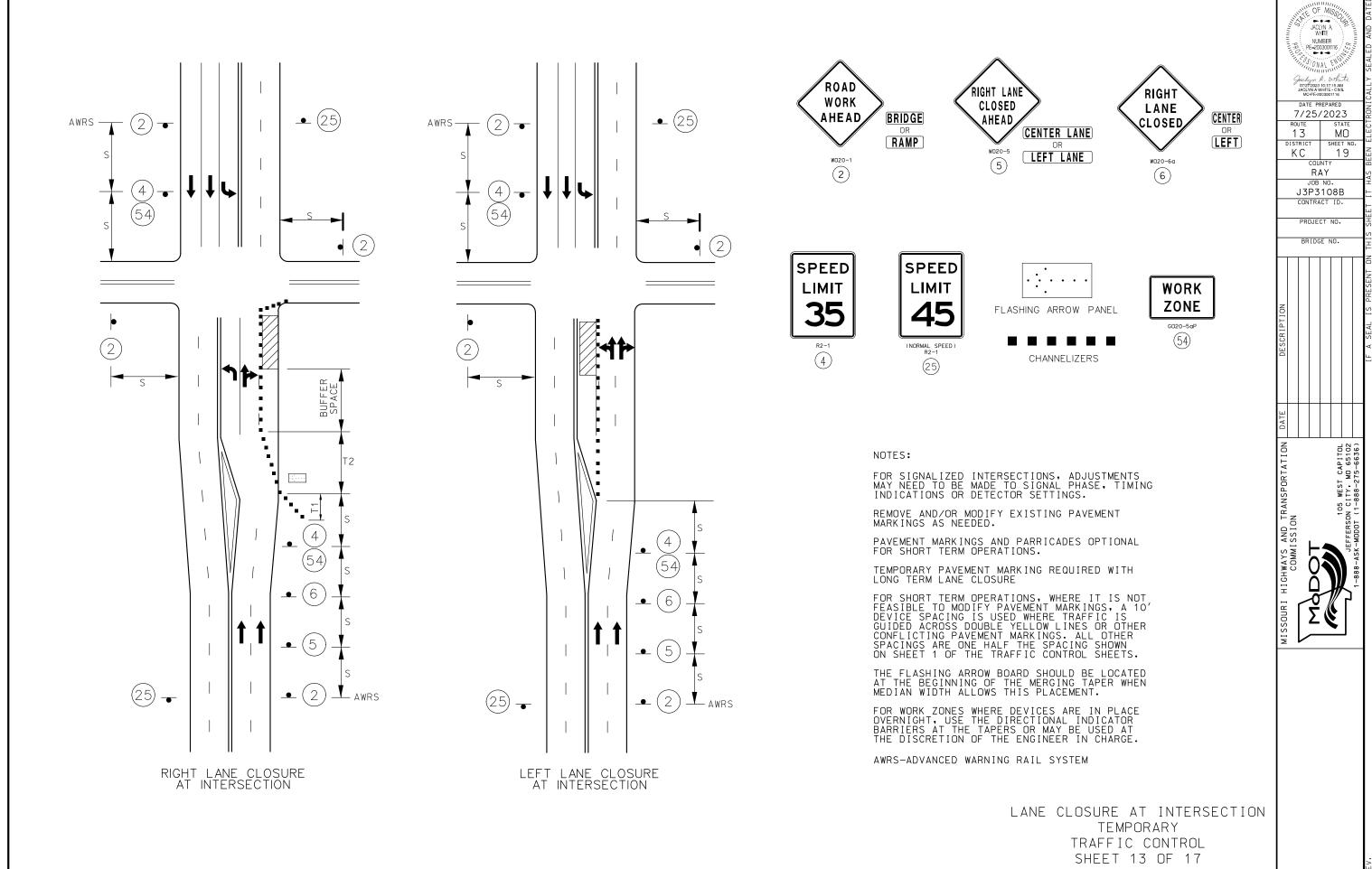
- (1). SIGN (43) REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (2). FIVE DEVICE MINIMUM.
- (3). FOR WORK ZONES WHERE DEVICES ARE IN PLACE OVERNIGHT, USE TRIM-LINE CHANNELIZERS.

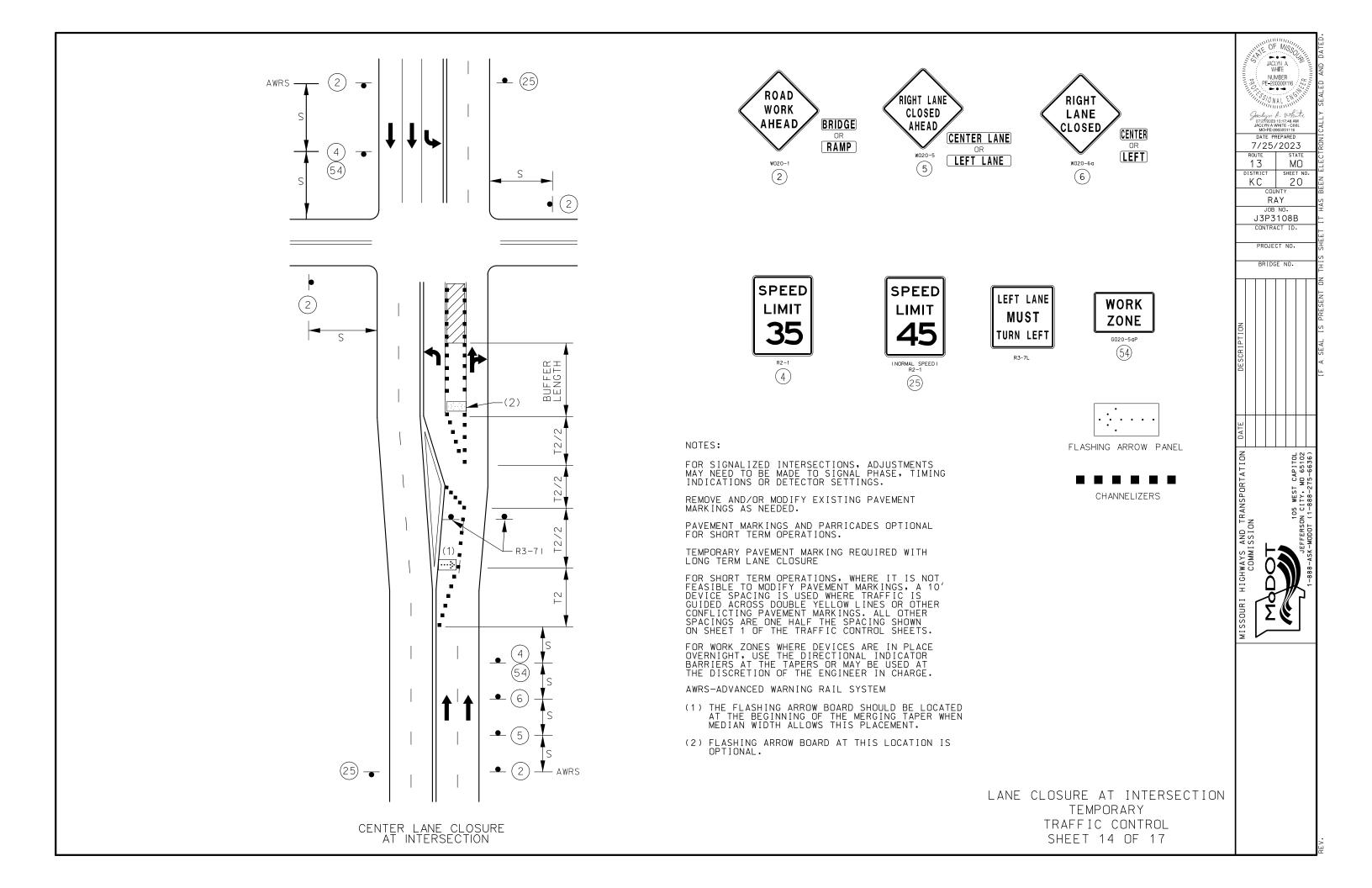
LANE CLOSURE EXIT RAMP TEMPORARY TRAFFIC CONTROL SHEET 10 OF 17

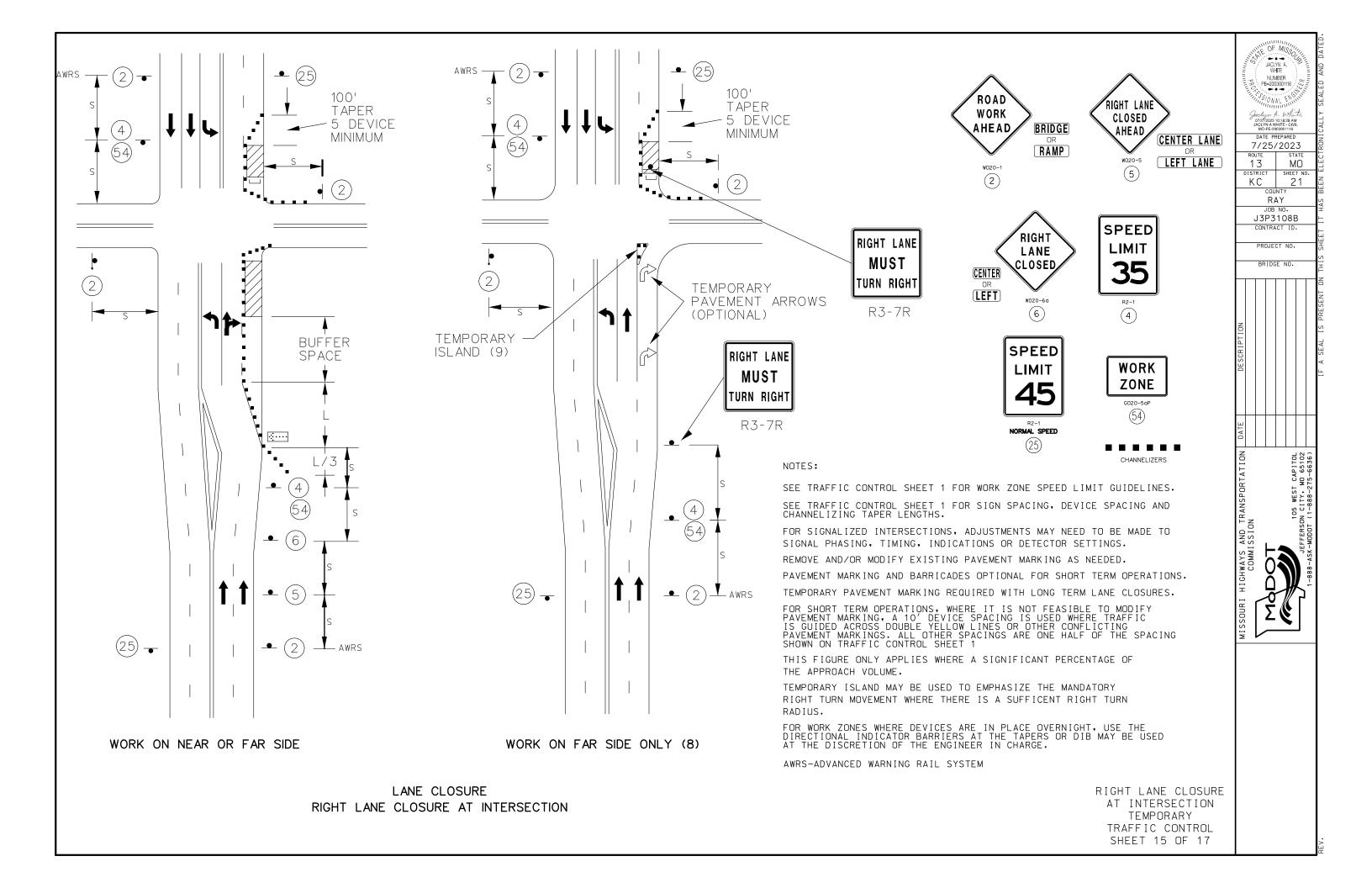
HIGHWAYS AND TRANSPORTATION	DATE	DESCRIPTION										
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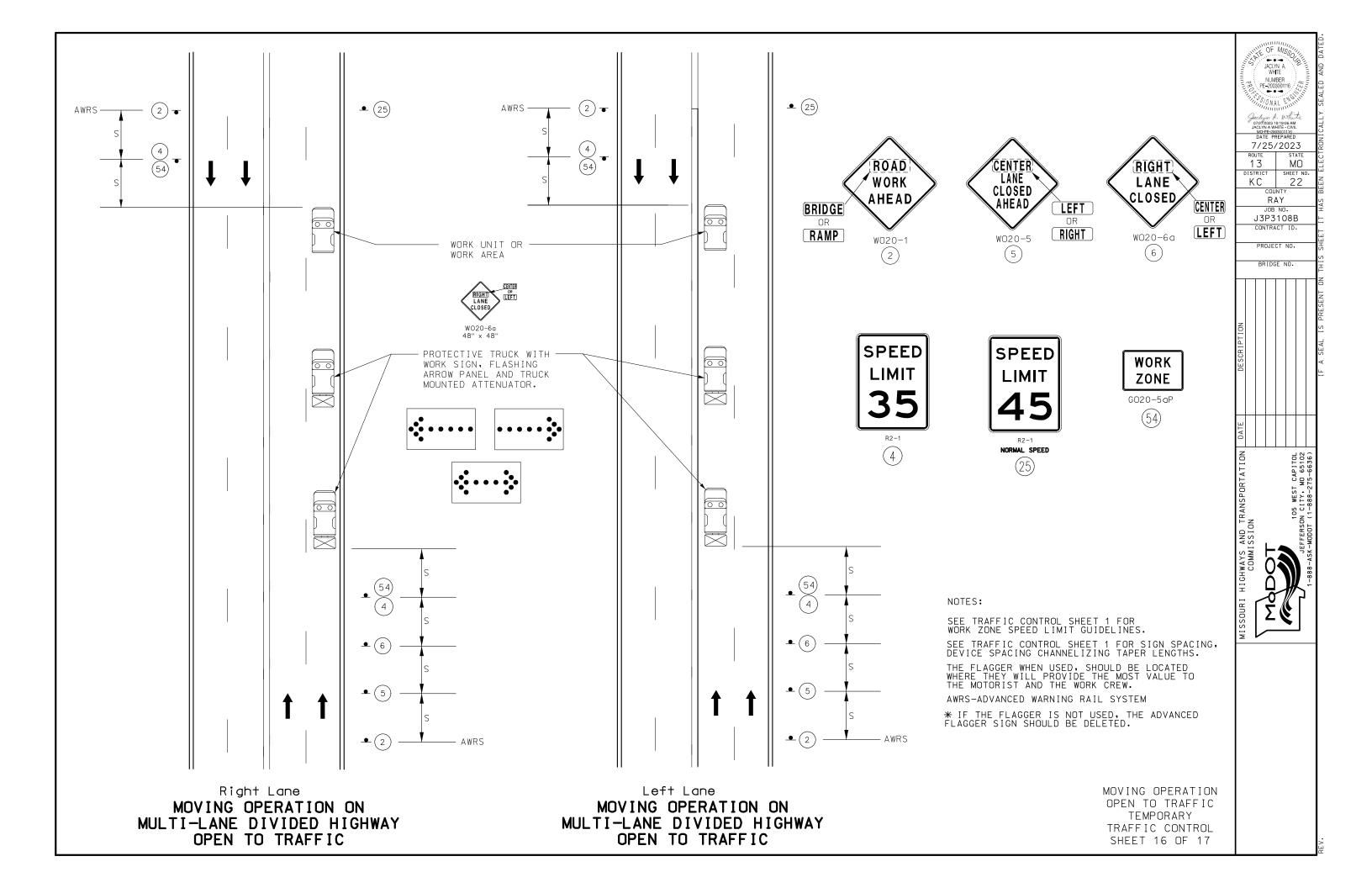


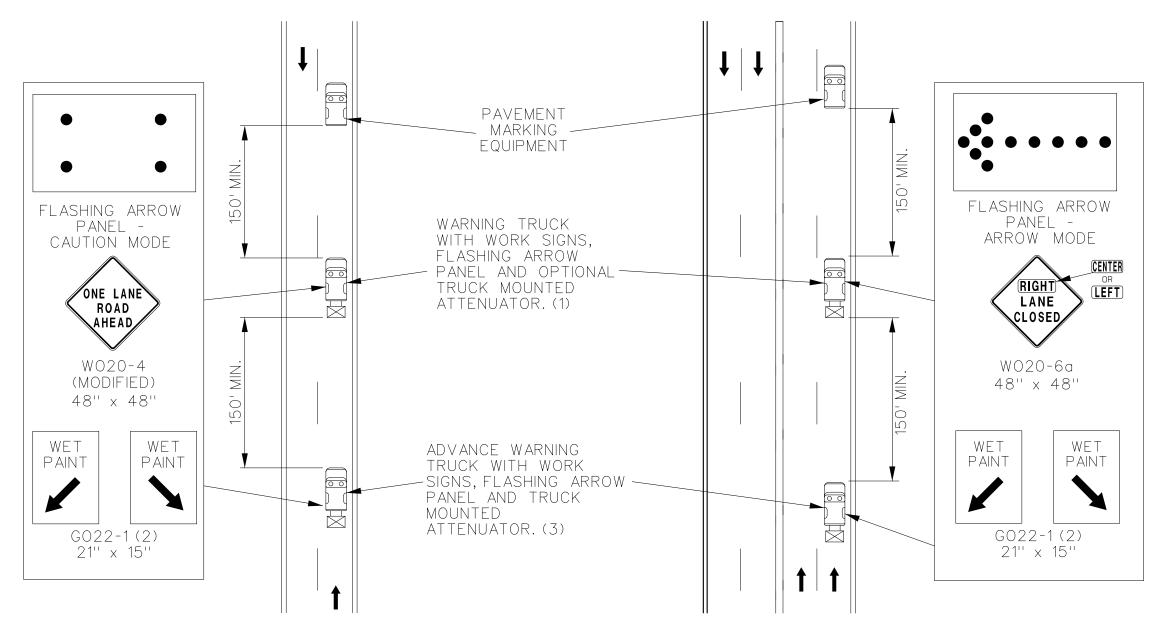












TWO-LANE UNDIVIDED HIGHWAY

MULTI-LANE HIGHWAY

MOVING OPERATION ON HIGHWAY OPEN TO TRAFFIC

NOTES:

ALL SIGNS HAVE TYPE 3 FLUORESCENT ORANGE RETROFLECTIVE SHEETING.

UPON APPROVAL 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, FLASHING, OSCILLATING, OR STROBE LIGHTS.

- (1). TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.
- (2). 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.
- (3). ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

MOVING OPERATION OPEN TO TRAFFIC TEMPORARY TRAFFIC CONTROL SHEET 17 OF 17

7/25/2023 1.3 SHEET NO KC 23 RAY J3P3108B CONTRACT ID. PROJECT NO. BRIDGE NO.