DESIGN DESIGNATION
A.A.D.T. - 2024 = 31,505
V = 70 M.P.H.

FUNCTIONAL CLASSIFICATION - INTERSTATE

NO RIGHT OF WAY IS ACQUIRED
ON THIS PROJECT

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

KEY MAP
LOCATION OF LAFAYETTE
AND SALINE COUNTIES

LAFAYETTE-SALINE COUNTIES

BEGIN PROJECT
JACKSON COUNTY LINE
EASTBOUND LOG MILE 29.173

LAFAYETTE/SALINE
COUNTIES LINE
EASTBOUND LOG MILE 62.576

NOT TO SCALE

END PROJECT
COOPER COUNTY LINE
EASTBOUND LOG MILE: 87.531

PROJECT LOCATION: RURAL ROUTE INTERSTATE 70
PROJECT DESCRIPTION: PAVEMENT MARKING PAINT ONLY

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		
UTILITIES		
FIBER OPTICS	—FO—	—FO—
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	—OT—	—OT—
UNDERGROUND TELEPHONE	—UT—	—UT—
OVERHEAD POWER	—OE—	—OE—
UNDERGROUND POWER	—UE—	—UE—
SANITARY SEWER	—S—	—S—
STORM SEWER	—SS—	—SS—
GAS	—G—	—G—
WATER	—W—	—W—
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	DI	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	—V—	
WOVEN WIRE	—X—	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (0 SHEETS)	N/A
QUANTITIES (QU) (08 SHEETS)	3
TRAFFIC CONTROL SHEETS (TC)	4-8

LENGTH OF PROJECT

LAFAYETTE COUNTY - EASTBOUND

BEGINNING OF PROJECT	EB LOG MILE: 29.173
PROJECT AT COUNTY LINE	EB LOG MILE: 62.576
APPARENT LENGTH	33.403 LOG MILES

SALINE COUNTY - EASTBOUND

PROJECT AT COUNTY LINE	EB LOG MILE: 62.576
END OF PROJECT	EB LOG MILE: 87.531
APPARENT LENGTH	24.955 LOG MILES

SALINE COUNTY - WESTBOUND

BEGINNING OF PROJECT	WB LOG MILE: 162.465
PROJECT AT COUNTY LINE	WB LOG MILE: 187.432
APPARENT LENGTH	24.967 LOG MILES

LAFAYETTE COUNTY - WESTBOUND

PROJECT AT COUNTY LINE	WB LOG MILE: 187.432
END OF PROJECT	WB LOG MILE: 220.817
APPARENT LENGTH	33.385 LOG MILES

NET LENGTH OF PROJECT (BASED ON EASTBOUND)	58.358 LOG MILES
STATE LENGTH	58.358 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	00.00 ACRES

STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER
PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:22:51 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED	9/26/2023
ROUTE	70
STATE	MO
DISTRICT	KC
SHEET NO.	1
COUNTY	LAFAYETTE/SALINE
JOB NO.	JKR0235
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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

TITLE SHEET

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE

EASTBOUND PAVEMENT MARKING IN LAFAYETTE COUNTY

BEGIN LOG MILE	END LOG MILE	LENGTH FT	HIGH BUILD PAINT TYPE L BEADS 6 IN. WHITE LIN FT	6 IN. WHITE INTERMITTENT OR DOTTED LIN FT	6 IN. YELLOW LIN FT	12 IN. WHITE LIN FT	REMARK
29.173	62.576	176,368		44,092	176,368		TOTAL EB LAFFAYETTE COUNTY
29.173	31.053	9,926	9,926				BEGINNING TO FIRST RAMP
31.053	31.105	275		69			RAMP B RTE. D DECEL. LANE
		396	396				RAMP B RTE. D TO RAMP B1 RTE. D
		269	269				RAMP B1 RTE. D TO OLD HWY 40
		460			460		RAMP B RTE. D TO OLD HWY 40
		79	79		79		RAMP B1 RTE. D
		315				315	GORE RAMP B RTE. D
31.105	31.162	301				301	MAINLINE GORE RAMP B RTE. D
31.162	31.573	2,170	2,170				GORE RAMP B RTE. D TO GORE RAMP D RTE. D
		459			459		RAMP D RTE. D TO GORE RAMP D RTE. D
		148				148	GORE RAMP D RTE. D
		111	892				RAMP D RTE. D
		50	85		50		RAMP D1 RTE. D
31.573	31.632	312				312	MAINLINE GORE RAMP D RTE. D
31.632	31.665	174		44			RAMP D ACCEL. LANE
31.724	34.964	17,107	17,107				RAMP D RTE. D TO TRUCK PARKING DECEL LANE
34.964	35.140	929		232			TRUCK PARKING DECEL. LANE
35.140	35.167	143				480	GORE TRUCK PARKING ENTRANCE
35.167	35.414	1,315	1,315		1,315		DRIVING LANE AT TRUCK PARKING
35.167	35.414	1,304	1,304				GORE TRUCK PARKING TO GORE TRUCK PARKING
35.414	35.446	169				568	TRUCK PARKING AREA EXIT
35.446	35.516	370		93			TRUCK PARKING ACCEL. LANE
35.414	36.615	6,341	6,341				GORE TRUCK PARKING TO RAMP B1 RTS. 131
36.491	36.615	655		164			RAMP B1 RTE. 131 DECEL. LANE
36.544	36.701	829				1,183	GORE RAMP B RTE. 131
36.615	36.634	100				206	GORE RAMP B1 RTE. 131
		74	74				RAMP B1 RTE. 131
		48					RAMP B1 RTE. 131 ISLAND
		275	275		275		RAMP B RTE. 131
36.701	38.425	9,103	9,103				GORE RAMP B RTE. 131 TO GORE RAMP JOHNSON DR
38.425	38.470	238				430	GORE RAMP D JOHNSON DR.
		940	940		940		RAMP D JOHNSON DR. TO GORE
38.470	38.530	315		79			RAMP D JOHNSON DR. ACCEL. LANE
38.425	41.020	13,702	13,702				GORE RAMP D JOHNSON DR. TO RAMP B RTE M
		834	834				RAMP B RTE M
41.019	41.050	164				164	MAINLINE GORE RAMP B TO RTE M
		164				164	GORE RAMP B TO RTE M
		604			604		RAMP B RTE M
41.050	41.314	1,394	1,394				RAMP B TO RAMP D RTE M
		692			692		RAMP D RTE M
		845	845				RAMP D RTE M
41.314	41.342	148				148	MAINLINE GORE RAMP D RTE M
		153				153	GORE RAMP D RTE M
41.333	41.366	174		44			RAMP D RTE M ACCEL LANE
41.466	42.329	4,557	4,557				RAMP D RTE M TO WEIGH STATION
42.429	42.475	243		61			WEIGH STATION DECEL LANE
42.475	42.545	370				370	MAINLINE GORE WEIGH STATION
		375				375	GORE WEIGH STATION RAMP
42.545	43.191	3,411	3,411				RAMP TO RAMP WEIGH STATION
43.191	43.238	248				248	MAINLINE GORE WEIGH STATION
43.191	43.238	248				248	GORE WEIGH STATION RAMP
43.238	43.295	301		75			WEIGH STATION ACCEL LANE
43.316	45.196	9,926	9,926				WEIGH STATION TO RAMP B AT RTE H
		887	887				RAMP B RTE H
45.250	45.280	158				158	MAINLINE GORE RAMP B RTE. H
		148				148	GORE RAMP B RTE. H
		496			496		RAMP B RTE H
45.280	45.526	1,299	1,299				RAMP B TO RAMP D RTE H
		723			723		RAMP D RTE H
		1,568	1,568				RAMP D RTE H
		137				137	GORE RAMP D RTE. H
45.526	45.552	137				137	MAINLINE GORE RAMP D RTE. H

SUMMARY OF QUANTITIES
SHEET 1 OF 8

STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:26:51 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED 9/26/2023

ROUTE	STATE
70	MO
DISTRICT	SHEET NO.
KC	3

COUNTY LAFAYETTE/SALINE
JOB NO. JKR0235
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

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

EASTBOUND PAVEMENT MARKING IN LAFAYETTE COUNTY

BEGIN LOG MILE	END LOG MILE	LENGTH FT	HIGH BUILD PAINT TYPE L BEADS 6 IN. WHITE LIN FT	6 IN. WHITE INTERMITTENT OR DOTTED LIN FT	6 IN. YELLOW LIN FT	12 IN. WHITE LIN FT	REMARK
45.552	45.609	301		75			RTE H RAMP D ACCEL LANE
45.692	49.154	18,279	18,279				RAMP D RTE H TO RAMP B RTE 13
49.213	49.251	201				201	MAINLINE GORE AT RTE 13 RAMP B
		185				185	GORE AT RTE 13 RAMP B
		702			702		RTE 13 RAMP B
		1,220	1,220				RTE 13 RAMP B
49.251	49.525	1,447	1,447				RAMP B TO RAMP D RTE 13
49.525	49.569	232				232	MAINLINE GORE AT RTE 13 RAMP D
		185				240	GORE AT RTE 13 RAMP D
		725			725		RAMP D RTE 13 INCLUDES RADIUS AT THE BEGINNING OF RAMP
	49.682	1,550	1,550				RAMP D RTE 13 INCLUDES RADIUS AT THE BEGINNING OF RAMP
49.569	49.614	238		60			RTE H RAMP D ACCEL LANE
49.682	52.610	15,460	15,460				RTE 13 RAMP D TO RAMP B RTE T
52.675	52.705	158				158	MAINLINE GORE RTE T RAMP B
		164				164	GORE RTE T RAMP B
					765		RTE T RAMP B
			1,285				RTE T RAMP B
52.705	52.980	1,452	1,452				GORE RTE T RAMP B TO GORE RTE T RAMP D
52.980	53.027	248				248	MAINLINE GORE RTE T RAMP D
		248				248	GORE RTE T RAMP D
					790		RTE T RAMP D
			1,675				RTE T RAMP D
53.027	53.054	143		36			RTE T RAMP D ACCEL LANE
53.153	57.306	21,928	21,928				RTE T RAMP D TO RAMP B REST AREA
57.360	57.410	264		66			REST AREA DECEL LANE
57.410	57.444	180				180	MAINLINE GORE REST AREA RAMP B
		180				180	GORE REST AREA RAMP B
		808	808				REST AREA RAMP B (ENDS AT BEGINNING OF PARKING)
		69			69		REST AREA RAMP B (ENDS AT BEGINNING OF PARKING)
57.444	57.727	1,494	1,494				GORE AT REST AREA RAMP B TO GORE AT REST AREA RAMP D
57.727	57.758	164				164	MAINLINE GORE AT REST AREA RAMP D
		164				164	GORE AT REST AREA RAMP D
		391			391		REST AREA RAMP D
57.758	57.819	322		81			REST AREA RAMP D ACCEL LANE
		1,204	1,204				REST AREA RAMP D
57.890	58.225	1,769	1,769				GORE REST AREA RAMP D TO GORE AT RTE 23 RAMP B
58.331	58.399	359		90			RTE 23 RAMP B DECEL LANE
58.399	58.440	216				216	MAINLINE GORE RTE 23 RAMP B
		216				216	GORE RTE 23 RAMP B
		639			639		RTE 23 RAMP B
		1,563	1,563				RTE 23 RAMP B
58.440	58.746	1,616	1,616				RTE 23 RAMP B TO RTE 23 RAMP D
58.746	58.782	190				190	MAINLINE GORE AT RTE 23 RAMP D
58.782	58.874	486		122			RTE 23 RAMP D ACCEL LANE
		855			855		RTE 23 RAMP D
		190				190	GORE AT RTE 23 RAMP D
		1,874	1,874				RTE 23 RAMP D
58.938	62.388	18,216	18,216				RTE 23 RAMP D TO RTE Y RAMP B
		998	998				RTE Y RAMP B
62.424	62.447	121				121	MAINLINE GORE RTE Y RAMP B
		143				143	GORE AT RTE Y RAMP B
		649			649		RTE Y RAMP B
62.447	62.576	681	681				GORE RTE Y RAMP B TO COUNTY LINE
	TOTAL EBL		228,701		188,046	9,833	

SEE SHEET 7 FOR PAY TOTALS

SUMMARY OF QUANTITIES
SHEET 2 OF 8

STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER
PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:26:50 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED 9/26/2023
ROUTE 70 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY LAFAYETTE/SALINE
JOB NO. JKR0235
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

WESTBOUND PAVEMENT MARKING IN LAFAYETTE COUNTY

BEGIN LOG MILE	END LOG MILE	LENGTH FT	HIGH BUILD PAINT TYPE L BEADS 6 IN. WHITE LIN FT	6 IN. WHITE INTERMITTENT OR DOTTED LIN FT	6 IN. YELLOW LIN FT	12 IN. WHITE LIN FT	REMARK
187.432	220.817	176,273		44,068	176,273		TOTAL WB LAFAYETTE COUNTY
187.432	187.534	539	539				BEGINNING TO FIRST RAMP
						181	MAINLINE GORE RTE Y RAMP B
		435		109			RTE Y RAMP A ACCEL LANE
						95	GORE AT RTE Y RAMP B
					462		RTE Y RAMP A
			1,400				RTE Y RAMP A
187.703	191.070	17,778	17,778				RTE Y RAMP A TO RTE 23 RAMP C
			1,832				RTE 23 RAMP C
					919		RTE 23 RAMP C
						160	GORE AT RTE 23 RAMP C
						290	MAINLINE GORE AT RTE 23 RAMP D
		285		71			RTE 23 RAMP C DECEL LANE
			1,682		0		RTE 23 RAMP C TO RTE 23 RAMP A
						205	MAINLINE GORE RTE 23 RAMP A
		370		93			RTE 23 RAMP A ACCEL LANE
			1,408				RTE 23 RAMP A
						135	GORE RTE 23 RAMP A
					640		RTE 23 RAMP A
191.725	192.185	2,429	2,429				RTE 23 RAMP A TO REST AREA RAMP C
		272		68			REST AREA RAMP C DECEL LANE
						211	MAINLINE GORE REST AREA RAMP C
			916				REST AREA RAMP C (ENDS AT BEGINNING OF PARKING)
					133		REST AREA RAMP C (ENDS AT BEGINNING OF PARKING)
						120	MAINLINE GORE REST AREA RAMP C
192.332	192.611	1,473	1,473				REST AREA RAMP C TO RAMP A REST AREA
						200	MAINLINE GORE AT REST AREA RAMP A
		300		75			REST AREA RAMP A ACCEL LANE
						125	GORE AT REST AREA RAMP A
					460		REST AREA RAMP A (ENDS AT BEGINNING OF PARKING)
			1,290				REST AREA RAMP A (ENDS AT BEGINNING OF PARKING)
192.773	196.907	21,828	21,828				REST AREA RAMP A TO RTE T RAMP C
						220	MAINLINE GORE RTE T RAMP C
						140	GORE RTE T RAMP C
					760		RTE T RAMP C
			1,355				RTE T RAMP C
197.021	197.268	1,304	1,304				GORE RTE T RAMP C TO GORE RTE T RAMP A
						163	MAINLINE GORE RTE T RAMP A
						115	GORE RTE T RAMP A
					630		RTE T RAMP A
			1,375				RTE T RAMP A
197.408	200.414	15,872	15,872				RAMP A RTE T TO RTE 13 RAMP C
			1,065				RAMP D RTE 13
			100				RAMP D RTE 13
					702		RAMP D RTE 13
						120	GORE AT RTE 13 RAMP C
						190	MAINLINE GORE AT RTE 13 RAMP C
200.475	200.717	1,278	1,278				RAMP C TO RAMP A RTE 13
						268	MAINLINE GORE AT RTE 13 RAMP A
		160		40			RTE 13 RAMP A ACCEL LANE
						230	GORE AT RTE 13 RAMP A
					606		RTE 13 RAMP A INCLUDES RADIUS AT THE BEGINNING OF RAMP
			1,545				RTE 13 RAMP A INCLUDES RADIUS AT THE BEGINNING OF RAMP
200.903	204.391	18,417	18,417				RAMP A RTE 13 TO RAMP C RTE H
			1150				RAMP C RTE H
					830		RAMP C RTE H
						145	GORE AT RTE 13 RAMP C
		65		16			RTE H RAMP C DECEL LANE
						165	MAINLINE GORE AT RTE 13 RAMP C
204.445	204.720	1,452	1,452				RAMP C RTE H TO RAMP A RTE H
						212	MAINLINE GORE AT RTE 13 RAMP A
		188		47			RTE H RAMP A ACCEL LANE
						175	GORE AT RTE 13 RAMP A
					525		RTE H RAMP A
			1240				RTE H RAMP A

SUMMARY OF QUANTITIES
SHEET 3 OF 8

STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER
PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:28:34 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED 9/26/2023
ROUTE 70 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY LAFAYETTE/SALINE
JOB NO. JKR0235
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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

WESTBOUND PAVEMENT MARKING IN LAFAYETTE COUNTY

BEGIN LOG MILE	END LOG MILE	LENGTH FT	HIGH BUILD PAINT TYPE L BEADS 6 IN. WHITE LIN FT	6 IN. WHITE INTERMITTENT OR DOTTED LIN FT	6 IN. YELLOW LIN FT	12 IN. WHITE LIN FT	REMARK
204.892	206.330	7,593	7,593				RAMP A AT RTE H TO WEIGH STATION
		485		121			WEIGH STATION DECEL LANE
						225	MAINLINE GORE WEIGH STATION
						225	GORE WEIGH STATION RAMP
			2986				RAMP TO RAMP WEIGH STATION
						205	GORE WEIGH STATION RAMP
						272	MAINLINE GORE WEIGH STATION
		315		79			WEIGH STATION ACCEL LANE
207.398	208.602	6,357	6,357				RAMP WEIGH STATION TO RAMP C RTE M
			1176				RTE O RAMP C
					780		RTE O RAMP C
						175	GORE AT RTE O RAMP C
						172	MAINLINE GORE AT RTE O RAMP C
			1360				RTE O RAMP C TO RTE O RAMP A
						163	MAINLINE GORE AT RTE O RAMP A
		215		54			RTE O RAMP A ACCEL LANE
						130	GORE AT RTE O RAMP A
					470		RTE O RAMP A
			1245				RTE O RAMP A
209.080	211.494	12,746	12,746				RTE O RAMP A TO RAMP C JOHNSON DR
			1366				RTE O RAMP C JOHNSON DR
					826		RTE O RAMP C JOHNSON DR
						240	GORE JOHNSON DR RAMP C
		200		50			JOHNSON DR RAMP C DECEL LANE
						260	MAINLINE GORE JOHNSON DR RAMP C
211.586	212.817	6,500	6,500				JOHNSON DR RAMP C TO MO 131 RAMP C
			945				RAMP C RTE 131
					513		RAMP C RTE 131
						195	GORE RTE 131 RAMP C
						215	MAINLINE GORE RTE 131 RAMP C
		215		54			RTE 131 RAMP C DECEL LANE
212.898	213.1065	1,101	1101				RAMP C RTE 131 TO RAMP A RTE 131
						264	MAINLINE GORE RTE 131 RAMP A
		260		65			RTE 131 RAMP A ACCEL LANE
						167	GORE RTE 131 RAMP A
					490		RTE 131 RAMP A
			1312				RTE 131 RAMP A
213.274	214.303	5,433					RTE 131 RAMP A TO TRUCK PARKING RAMP C
			1080				RAMP C LANE TRUCK PARKING
		473		118			RAMP C DECEL LANE TRUCK PARKING
						327	MAINLINE RAMP C GORE TRUCK PARKING
						145	RAMP C GORE TRUCK PARKING
			1160				RAMP C TRUCK PARKING TO RAMP A TRUCK PARKING
						265	MAINLINE RAMP A GORE TRUCK PARKING
		221		55			RAMP A ACCEL LANE TRUCK PARKING
						270	RAMP A GORE TRUCK PARKING
			817				RAMP A TRUCK PARKING
214.903	218.349	18,195					RAMP A TRUCK PARKING TO RAMP C RTE D
			1302				RAMP C RTE D
					833		RAMP C RTE D
						172	RAMP C RTE D GORE
		230		58			RAMP C DECEL LANE RTE D
						245	MAINLINE GORE RAMP C RTE D
218.405	218.659	1,341					RAMP C RTE D TO RAMP A RTE D
			1332				RAMP A RTE D INCLUDES RADIUS AT THE BEGINNING OF RAMP
					522		RAMP A RTE D INCLUDES RADIUS AT THE BEGINNING OF RAMP
						165	RAMP A RTE D GORE
		196		49			RAMP A DECEL LANE RTE D
						272	MAINLINE GORE RAMP A RTE D
218.810	220.817	10,597	10,597				TO COUNTY LINE
	TOTAL WBL		204,993		187,374	8,634	

SEE SHEET 7 FOR PAY TOTALS

SUMMARY OF QUANTITIES
SHEET 4 OF 8

STATE OF MISSOURI
KARLEE A. COMINGTON
NUMBER
PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:28:37 AM
KARLEE A. COMINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED
9/26/2023

ROUTE	STATE
70	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE/SALINE

JOB NO.
JKR0235

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

EASTBOUND PAVEMENT MARKING IN SALINE COUNTY

BEGIN LOG MILE	END LOG MILE	LENGTH FT	HIGH BUILD PAINT TYPE L BEADS 6 IN. WHITE LIN FT	6 IN. WHITE INTERMITTENT OR DOTTED LIN FT	6 IN. YELLOW LIN FT	12 IN. WHITE LIN FT	REMARK
62.576	87.531	131,762		32,941	131,762		TOTAL EB SALINE COUNTY
62.576	62.727	797	797				COUNTY LINE TO GORE RTE Y RAMP D
						172	MAINLINE GORE RTE Y RAMP B
		315		79			RTE Y RAMP D ACCEL LANE
					735		RTE Y RAMP D
						122	GORE AT RTE Y RAMP D
			1,536				RTE Y RAMP D
62.886	66.532	19,251	19,611				RTE Y RAMP D TO RTE 127 INCLUDING SLIP RAMP
		640		160			RTE 127 SLIP RAMP DECEL LANE
						187	RTE 127 SLIP RAMP MAIN LINE GORE
						150	RTE 127 SLIP RAMP GORE
			215				RTE 127 SLIP RAMP
66.573	67.108	2,825	2,825				RTE 127 SLIP RAMP TO RAMP D
						180	RTE 127 RAMP D MAINLINE GORE
					630		RTE 127 RAMP D
						146	RTE 127 RAMP D GORE
			1,258				RTE 127 RAMP D
			169				RTE 127 RAMP D WB TRAFFIC CONNECTOR (BOTH SIDES)
67.258	71.176	20,687	20,687				RTE 127 RAMP D TO RTE K RAMP B
						200	RTE K RAMP B MAINLINE GORE
						140	RTE K RAMP B GORE
					640		RTE K RAMP B
			1,110				RTE K RAMP B
71.262	71.500	1,257	1,257				RTE K RAMP B TO RAMP D
						175	RTE K RAMP D MAINLINE GORE
		232		58			RTE K RAMP D ACCEL LANE
						130	RTE K RAMP D GORE
					630		RTE K RAMP D
			1,440				RTE K RAMP D
71.653	74.358	14,282	14,282				RTE K RAMP D TO RTE YY SLIP RAMP B
		284		71			RTE YY SLIP RAMP B DECEL LANE
						187	RTE YY SLIP RAMP B MAIN LINE GORE
						125	RTE YY SLIP RAMP B GORE
					320		RTE YY SLIP RAMP B
			1,033				RTE YY SLIP RAMP B (INCLUDES WB TRAFFIC CONNECTOR)
74.492	74.725	1,230	1,230				RTE YY SLIP RAMP B TO SLIP RAMP D
						175	RTE YY SLIP RAMP D MAIN LINE GORE
		210		53			RTE YY SLIP RAMP D ACCEL LANE
					590		RTE YY SLIP RAMP D
			1,408				RTE YY SLIP RAMP D (INCLUDES TRAFFIC CONNECTOR)
74.887	77.829	15,534	15,534				RTE YY SLIP RAMP D TO US 65 RAMP B
		200		50			US 65 RAMP B DECEL LANE
77.974	78.109	713	713				US 65 RAMP B TO US65 CLOVERLEAF RAMP
78.136	78.222	454	454				US 65 CLOVERLEAF RAMP TO US65 CLOVERLEAF RAMP
		550		138			US 65 ACCEL/DECEL LANE
78.270	78.458	993	993				US 65 CLOVERLEAF RAMP TO US65 RAMP D
		285		71			US 65 ACCEL LANE
78.627	84.360	30,270	30,270				US 65 RAMP D TO RTE J RAMP B
						220	MAINLINE GORE RTE J RAMP B
						211	GORE RTE J RAMP B
					700		RTE J RAMP B
			1,165				RTE J RAMP B AND ISLAND
84.475	84.718	1,283	1,283				RTE J RAMP B TO RAMP D
						175	MAINLINE GORE RTE J RAMP D
						160	GORE RTE J RAMP D
					530		RTE J RAMP D INCLUDES RADIUS AT THE BEGINNING OF RAMP
			1,492				RTE J RAMP D INCLUDES RADIUS AT THE BEGINNING OF RAMP
		200		50			RTE J ACCEL LANE
84.880	87.531	13,997	13,997				RTE J RAMP D TO COUNTY LINE
	TOTAL EBL		168,430		136,537	2,855	

SEE SHEET 7 FOR PAY TOTALS

SUMMARY OF QUANTITIES
SHEET 5 OF 8

STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:30:06 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED 9/26/2023
ROUTE 70 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY LAFAYETTE/SALINE
JOB NO. JKR0235
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

WESTBOUND PAVEMENT MARKING IN SALINE COUNTY

BEGIN LOG MILE	END LOG MILE	LENGTH FT	HIGH BUILD PAINT TYPE L BEADS 6 IN. WHITE LIN FT	6 IN. WHITE INTERMITTENT OR DOTTED LIN FT	6 IN. YELLOW LIN FT	12 IN. WHITE LIN FT	REMARK
162.465	187.432	131,826		32,957	131,826		TOTAL WB SALINE COUNTY
162.465	165.155	14,203	14,203				COUNTY LINE TO RTE J RAMP C
			1,096				RTE J RAMP C/ISLAND INCLUDES RADIUS AT THE BEGINNING OF RAMP
					591		RTE J RAMP C INCLUDES RADIUS AT THE BEGINNING OF RAMP
						185	GORE RTE J RAMP C
						200	MAINLINE GORE RTE J RAMP C
165.249	165.460	1,114	1,114				RTE J RAMP C TO RAMP A
					475		RTE J RAMP A
						211	GORE RTE J RAMP A
						220	MAINLINE GORE RTE J RAMP A
			1,446				RTE J RAMP A
165.639	171.348	30,144	30,144				RTE J RAMP A TO US 65 RAMP C
		300		75			US 65 DECEL LANE
171.518	171.743	1,188	1,188				US65 RAMP C TO US 65 CLOVERLEAF RAMP
		616		154			US 65 ACCEL/DECEL LANE
171.767	171.882	607	607				US 65 CLOVERLEAF RAMP TO US65 CLOVERLEAF RAMP
171.905	172.042	723	723				US65 CLOVERLEAF RAMP TO US 65 RAMP A
		166		42			US 65 RAMP A ACCEL LANE
172.190	175.186	15,819	15,819				US 65 RAMP A TO RTE YY RAMP C
			1,073				RTE YY RAMP C
					606		RTE YY RAMP C
						127	RTE YY RAMP C GORE
						188	RTE YY RAMP C MAIN LINE GORE
175.261	175.490	1,209	1,209				RTE YY RAMP C TO RAMP A
			1,280				RTE YY RAMP A
					520		RTE YY RAMP A
						150	RTE YY RAMP A GORE
						180	RTE YY RAMP A MAIN LINE GORE
		244		61			RTE YY RAMP A ACCEL LANE
175.645	178.437	14,742	14,742				RTE YY RAMP A TO RTE K RAMP C
						110	RTE EE RAMP C GORE
						170	RTE EE RAMP C MAINLINE GORE
			970				RTE EE RAMP C
					645		RTE EE RAMP C
178.500	178.717	1,146	1,146				RTE EE RAMP C TO RAMP A
			1,405				RTE EE RAMP A
					525		RTE EE RAMP A
						172	RTE EE RAMP A GORE
						226	RTE EE RAMP A MAINLINE GORE
		341		85			RTE EE RAMP A ACCEL LANE
178.875	182.903	21,268	21,268				RTE EE RAMP A TO RTE 127 RAMP C
			991				RTE 127 RAMP C
					580		RTE 127 RAMP C
						117	RTE 127 RAMP C GORE
						164	RTE 127 RAMP C MAINLINE GORE
182.987	183.239	1,331	1,331				RTE 127 SLIP RAMP TO RAMP D
					693		RTE 127 RAMP A INCLUDES RADIUS AT THE BEGINNING OF RAMP
						123	RTE 127 RAMP A GORE
						195	RTE 127 RAMP A MAIN LINE GORE
		238		60			RTE 127 RAMP A ACCEL LANE
			1,450				RTE 127 RAMP A
183.395	187.131	19,726	20,086				RTE 127 RAMP A TO RTE VV RAMP C
			1,508				RTE VV RAMP C
						160	GORE AT RTE Y RAMP D
					1,056		RTE VV RAMP C
						225	RTE VV RAMP C MAINLINE GORE
187.220	187.432	1,119	1,119				RTE VV RAMP C TO COUNTY LINE
	TOTAL WBL		169,352		137,517	3,123	

SEE SHEET 7 FOR PAY TOTALS

SUMMARY OF QUANTITIES
SHEET 6 OF 8

STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:30:40 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED 9/26/2023
ROUTE 70 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY LAFAYETTE/SALINE
JOB NO. JKR0235
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

PAVEMENT MARKING IN SALINE COUNTY AT US 65 CLOVERLEAF			
LOCATION	HIGH BUILD PAINT TYPE L BEADS		
	6 IN. WHITE LIN FT	6 IN. YELLOW LIN FT	12 IN. WHITE LIN FT
NW RAMP AT 65	1935	1185	600
NW CLOVER RAMP AT 65	989	836	270
NE RAMP AT 65	2791	1919	620
NE CLOVER RAMP AT 65	1275	1160	411
SW RAMP AT 65	2416	1500	400
SW CLOVER RAMP AT 65	1346	1144	260
SE RAMP AT 65	2461	1455	320
SE CLOVER RAMP AT 65	1140	850	318
TOTALS	14,353	10,049	3,199

TRUCK REST AND WEIGH STATION PAVEMENT MARKING PAINT IN LAFAYETTE COUNTY					
LOCATION	LENGTH	HIGH BUILD PAINT TYPE L BEADS			WATERBORNE PAINT TYPE P BEADS
		6 IN. WHITE LIN FT	6 IN. WHITE INTER. LIN FT	6 IN. YELLOW LIN FT	24 IN. WHITE LIN FT
	FT				
TRUCK REST PARKING EB	3265	3265		1235	
TRUCK REST PARKING WB	3263	2423		1175	
WEIGH STATION TRUCK PARKING EB	6230	6230	111	3410	
WEIGH STATION TRUCK PARKING EB MEDIAN	1975	3827			557
WEIGH STATION TRUCK PARKING WB	5650	5650	146	2900	
WEIGH STATION TRUCK PARKING WB MEDIAN	1265	2485			342
	SUBTOTALS	23880	257	8720	899
	TOTAL	24,137		8,720	899

NOTE THAT PAVEMENT MARKING AT THE REST STOPS (AROUND EB LM 57.4/WB LM 191.7) IS FOR THE BEGINNING OF THE RAMPS ONLY. ALL OTHER MARKINGS AT THOSE REST STOPS AND PARKING AT ALL REST STOPS/WEIGH STATIONS ARE DONE BY OTHERS.

TOTAL PAVEMENT MARKING IN SALINE COUNTY			
LOCATIONS	HIGH BUILD PAINT TYPE L BEADS		
	6 IN. WHITE LIN FT	6 IN. YELLOW LIN FT	12 IN. WHITE LIN FT
TOTAL EBL	168,430	136,537	2,855
TOTAL WBL	169,352	137,517	3,123
TOTAL US 65 CLOVERLEAF	14,353	10,049	3,199
TOTAL SALINE COUNTY	352,135	284,103	9,177

TOTAL PAVEMENT MARKING IN LAFAYETTE COUNTY				
LOCATIONS	HIGH BUILD PAINT TYPE L BEADS			WATERBORNE PAINT TYPE P BEADS
	6 IN. WHITE LIN FT	6 IN. YELLOW LIN FT	12 IN. WHITE LIN FT	24 IN. WHITE LIN FT
TOTAL EBL	228,701	188,046	9,833	0
TOTAL WBL	204,993	187,374	8,634	0
TOTAL REST/WEIGH STATION	24,137	8,720	0	899
TOTAL LAFAYETTE COUNTY	457,831	384,140	18,467	899

TOTAL PAVEMENT MARKING IN PROJECT				
LOCATIONS	HIGH BUILD PAINT TYPE L BEADS			WATERBORNE PAINT TYPE P BEADS
	6 IN. WHITE LIN FT	6 IN. YELLOW LIN FT	12 IN. WHITE LIN FT	24 IN. WHITE LIN FT
TOTAL LAFAYETTE COUNTY	457,831	384,140	18,467	899
TOTAL SALINE COUNTY	352,135	284,103	9,177	0
PROJECT PAY TOTAL	809,966	668,243	27,644	899

MOBILIZATION
1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 7 OF 8

STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER
PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:28:17 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED 9/26/2023
ROUTE 70 STATE MO
DISTRICT KC SHEET NO. 3
COUNTY LAFAYETTE/SALINE
JOB NO. JKR0235
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

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

TEMPORARY TRAFFIC CONTROL SETUPS
LAFAYETTE AND SALINE COUNTIES

COUNTY	DIRECTION	LOCATION	LOG MILE	LOG MILE	SETUP 1 EACH	SETUP 2 EACH	SETUP 3 EACH
LAFAYETTE	EAST	I-70 MAINLINE	29.173	62.576	1		
LAFAYETTE	WEST	I-70 MAINLINE	187.432	220.817	1		
LAFAYETTE	EAST	ROUTE D INTERCHANGE				2	
LAFAYETTE	WEST	ROUTE D INTERCHANGE				2	
LAFAYETTE	EAST	TRUCK PARKING				2	1
LAFAYETTE	WEST	TRUCK PARKING				2	1
LAFAYETTE	EAST	EXIT 37A				1	1
LAFAYETTE	WEST	MO 131 INTERCHANGE				2	
LAFAYETTE	EAST	JOHNSON DR INTERCHANGE				1	
LAFAYETTE	WEST	JOHNSON DR INTERCHANGE				1	
LAFAYETTE	EAST	ROUTE M INTERCHANGE				2	
LAFAYETTE	WEST	ROUTE O INTERCHANGE				2	
LAFAYETTE	EAST	TRUCK WEIGH STATION				2	1
LAFAYETTE	WEST	TRUCK WEIGH STATION				2	1
LAFAYETTE	EAST	ROUTE H INTERCHANGE				2	
LAFAYETTE	WEST	ROUTE H INTERCHANGE				2	
LAFAYETTE	EAST	MO 13 INTERCHANGE				2	
LAFAYETTE	WEST	MO 13 INTERCHANGE				2	1
LAFAYETTE	EAST	ROUTE T INTERCHANGE				2	
LAFAYETTE	WEST	ROUTE T INTERCHANGE				2	
LAFAYETTE	EAST	REST AREA				2	
LAFAYETTE	WEST	REST AREA				2	
LAFAYETTE	EAST	MO 23 INTERCHANGE				2	
LAFAYETTE	WEST	MO 23 INTERCHANGE				2	
LAFAYETTE	EAST	ROUTE Y INTERCHANGE				1	
LAFAYETTE	WEST	ROUTE Y INTERCHANGE				1	
SALINE	EAST	I-70 MAINLINE	62.576	87.531	1		
SALINE	WEST	I-70 MAINLINE	162.465	187.432	1		
SALINE	EAST	ROUTE Y INTERCHANGE				1	
SALINE	WEST	ROUTE Y INTERCHANGE				1	
SALINE	EAST	MO 127 INTERCHANGE				2	
SALINE	WEST	MO 127 INTERCHANGE				2	
SALINE	EAST	ROUTE K INTERCHANGE				2	
SALINE	WEST	ROUTE EE INTERCHANGE				2	
SALINE	EAST	ROUTE YY INTERCHANGE				2	
SALINE	WEST	ROUTE YY INTERCHANGE				2	
SALINE	EAST	CLOVERLEAF (US 65)				4	
SALINE	WEST	CLOVERLEAF (US 65)				4	
SALINE	EAST	ROUTE J INTERCHANGE				2	
SALINE	WEST	ROUTE J INTERCHANGE				2	
				LAFAYETTE TOTAL	2	43	6
				SALINE TOTAL	2	26	0
				PROJECT TOTALS	4	69	6

SUMMARY OF QUANTITIES
SHEET 8 OF 8

STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER
PE-2020000009
PROFESSIONAL ENGINEER

10/02/2023 9:21:56 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED
9/26/2023

ROUTE	STATE
70	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE/SALINE

JOB NO.
JKR0235

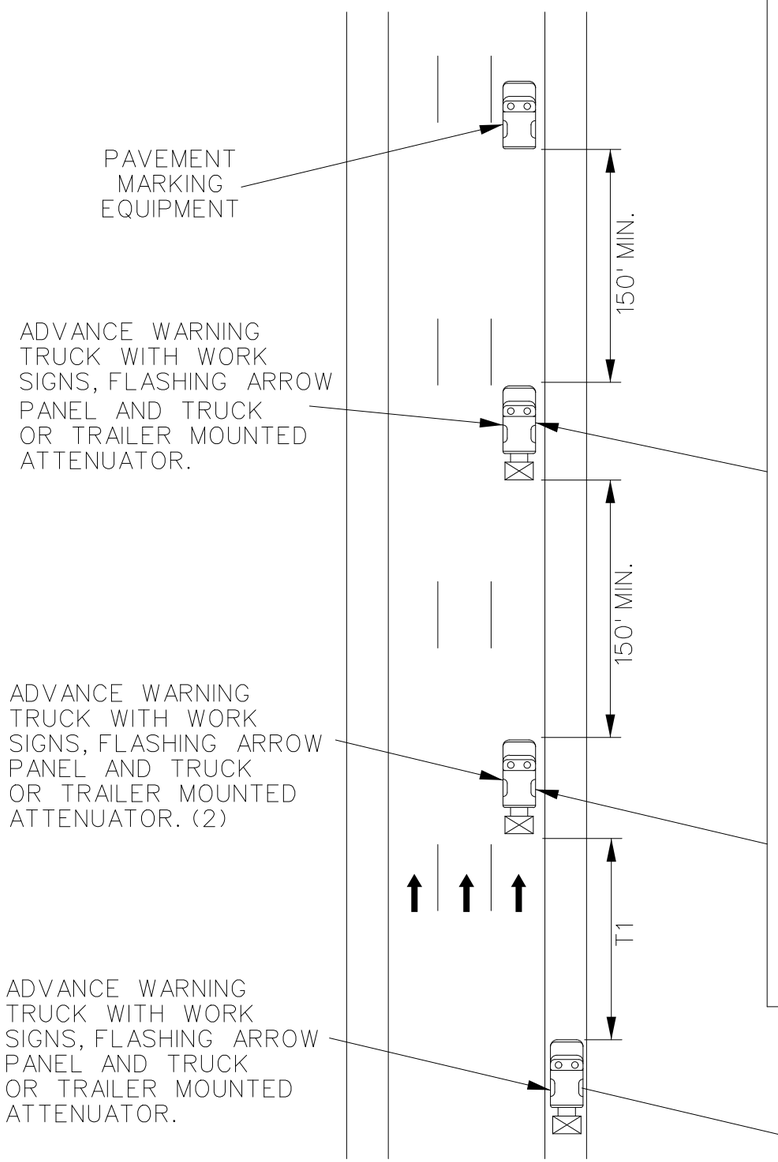
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

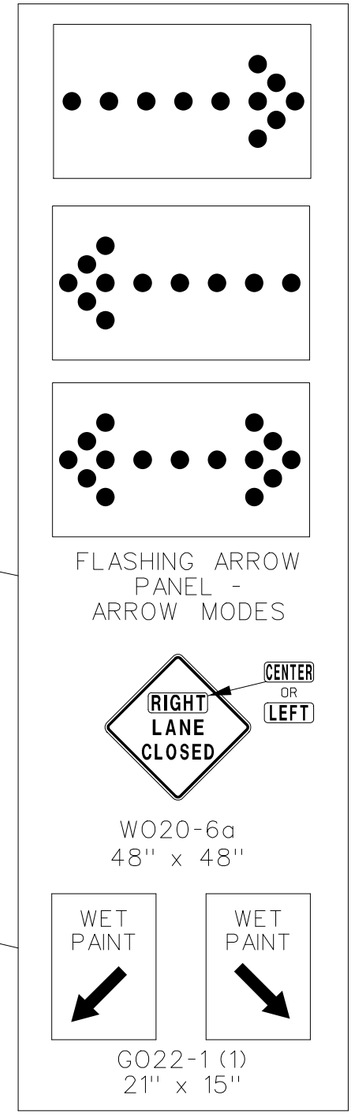
DESCRIPTION	DATE

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



MULTI-LANE DIVIDED 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.

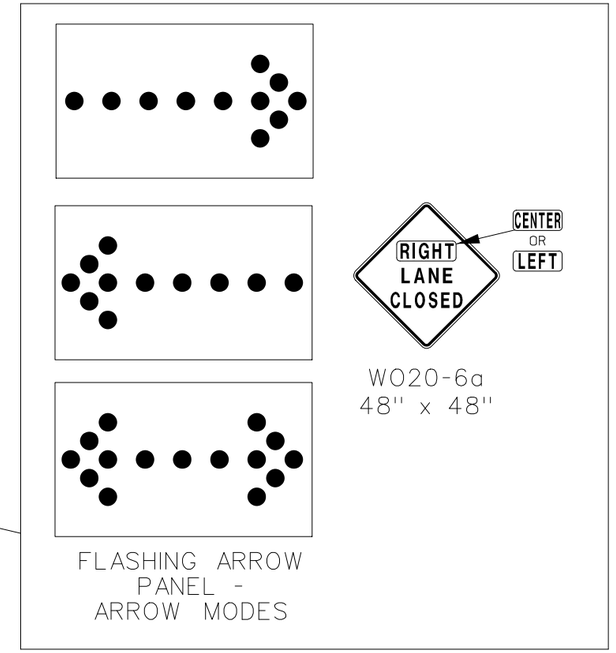
(1). WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION. A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2). ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A 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.

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



SPEED	SPACING LENGTH (ft.)
REGULATORY (MPH)	SPACING (T1)
0-35	245
40-45	540
50-55	660
60-70	840

SETUP TYPE 1

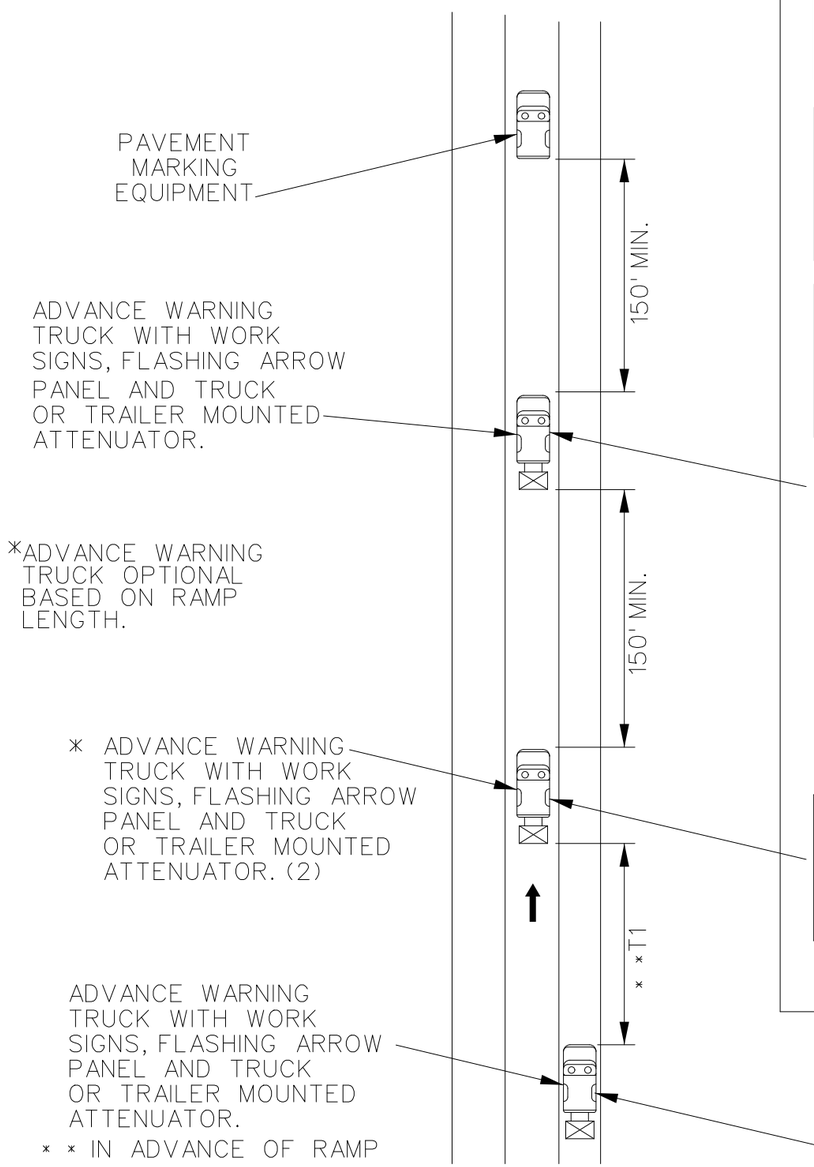
STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER
PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:28:33 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED	
9/26/2023	
ROUTE 70	STATE MO
DISTRICT KC	SHEET NO. 4
COUNTY LAFAYETTE/SALINE	
JOB NO. JKR0235	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

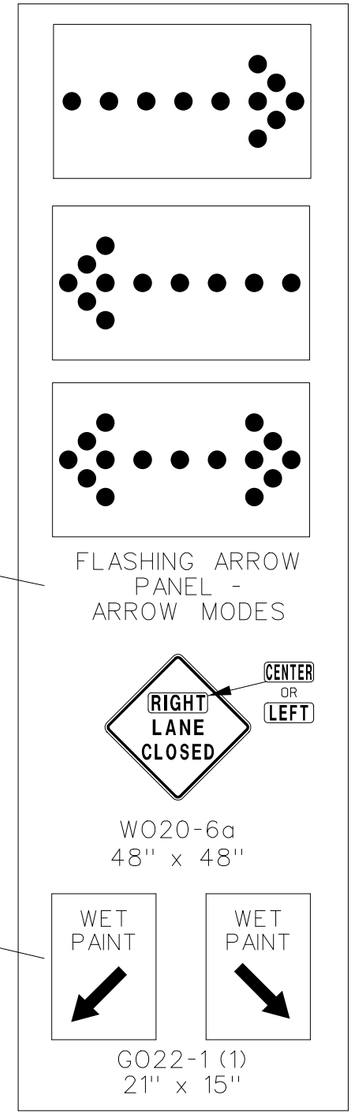
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY TRAFFIC CONTROL
SHEET 1 OF 5
MOVING OPERATION
OPEN TO TRAFFIC



MULTI-LANE DIVIDED HIGHWAY RAMP

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.

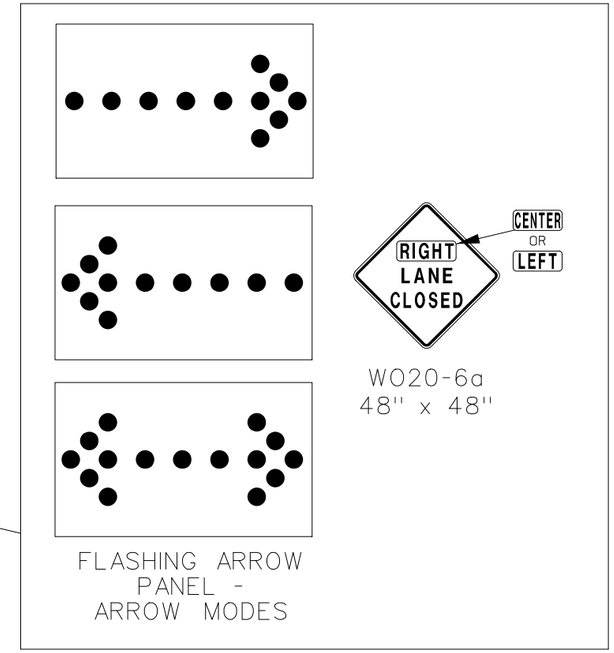
(1). WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION. A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2). ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A 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.

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



SPEED	SPACING LENGTH (ft.)
REGULATORY (MPH)	SPACING (T1)
0-35	245
40-45	540
50-55	660
60-70	840

SETUP TYPE 2

STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:30:30 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED	9/26/2023
ROUTE 70	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY	LAFAYETTE/SALINE
JOB NO.	JKR0235
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

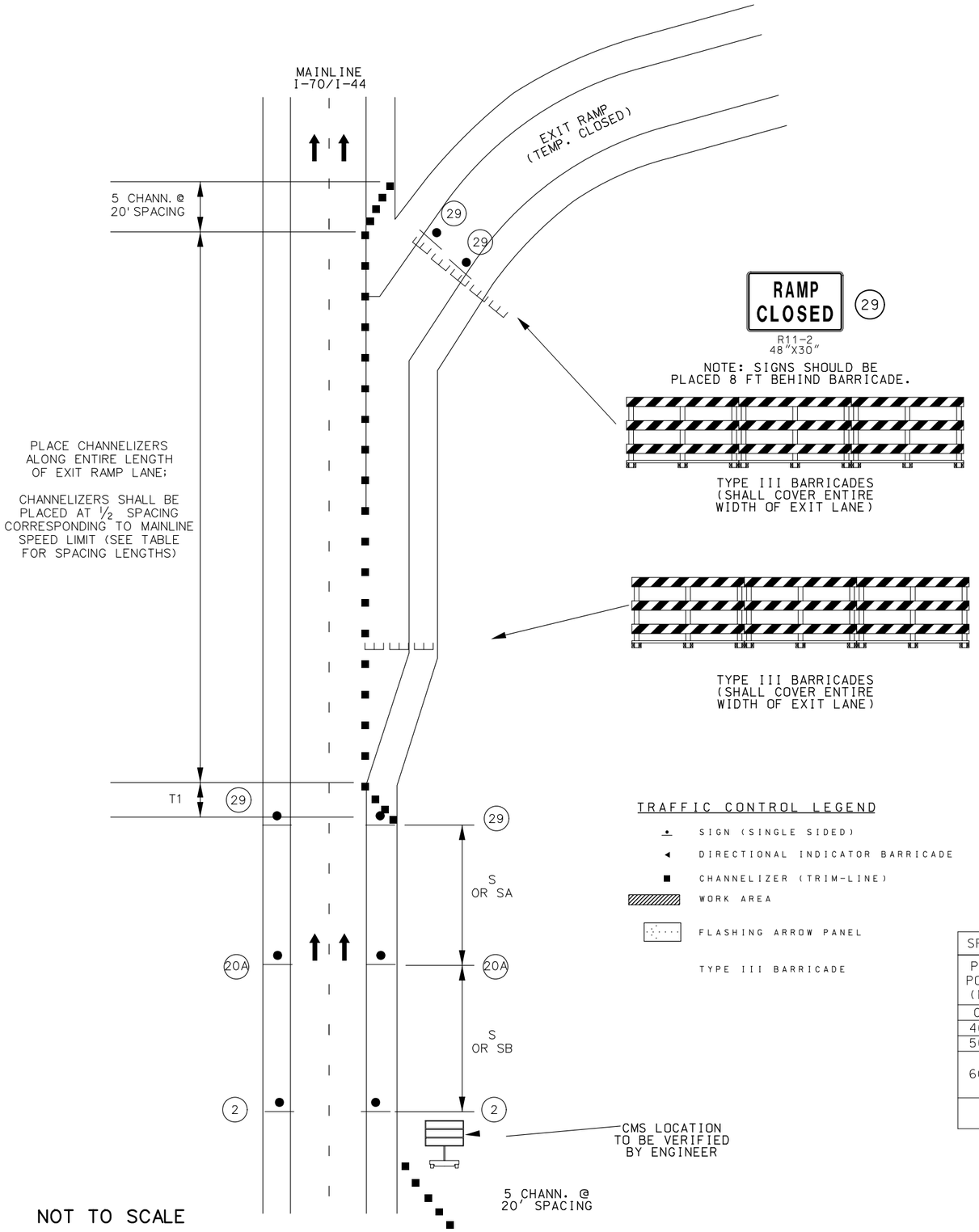
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY TRAFFIC CONTROL
SHEET 2 OF 5
MOVING OPERATION
OPEN TO TRAFFIC



NOT TO SCALE

R11-2
48"X30"

NOTE: SIGNS SHOULD BE
PLACED 8 FT BEHIND BARRICADE.

TYPE III BARRICADES
(SHALL COVER ENTIRE
WIDTH OF EXIT LANE)

TYPE III BARRICADES
(SHALL COVER ENTIRE
WIDTH OF EXIT LANE)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TYPE III BARRICADE

DISCLAIMER
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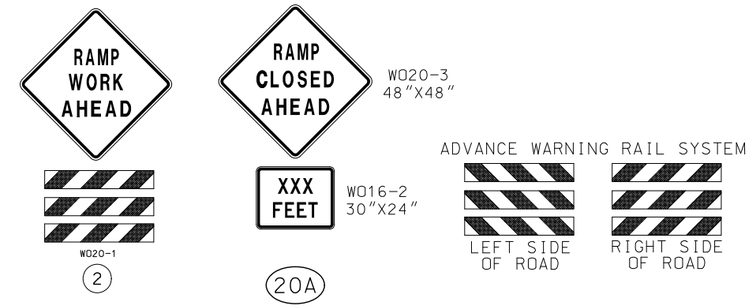

NOTES:

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FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR HTE FULL SIGN SERIES.

ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COMPLETELY COVERED.

ALL SIGNS SHALL BE GROUND-MOUNTED.

ALL DISTANCES AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE REVISED AS DIREECTED BY THE ENGINEER TO FIT FIELD CONDITIONS.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (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	-	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.

SETUP TYPE 3

STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER
PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:34:25 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED
9/26/2023

ROUTE	STATE
70	MO
DISTRICT	SHEET NO.
KC	6

COUNTY
LAFAYETTE/SALINE

JOB NO.
JKR0235

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

TEMPORARY TRAFFIC CONTROL
SHEET 3 OF 5
TEMPORARY FULL EXIT
RAMP CLOSURE

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.

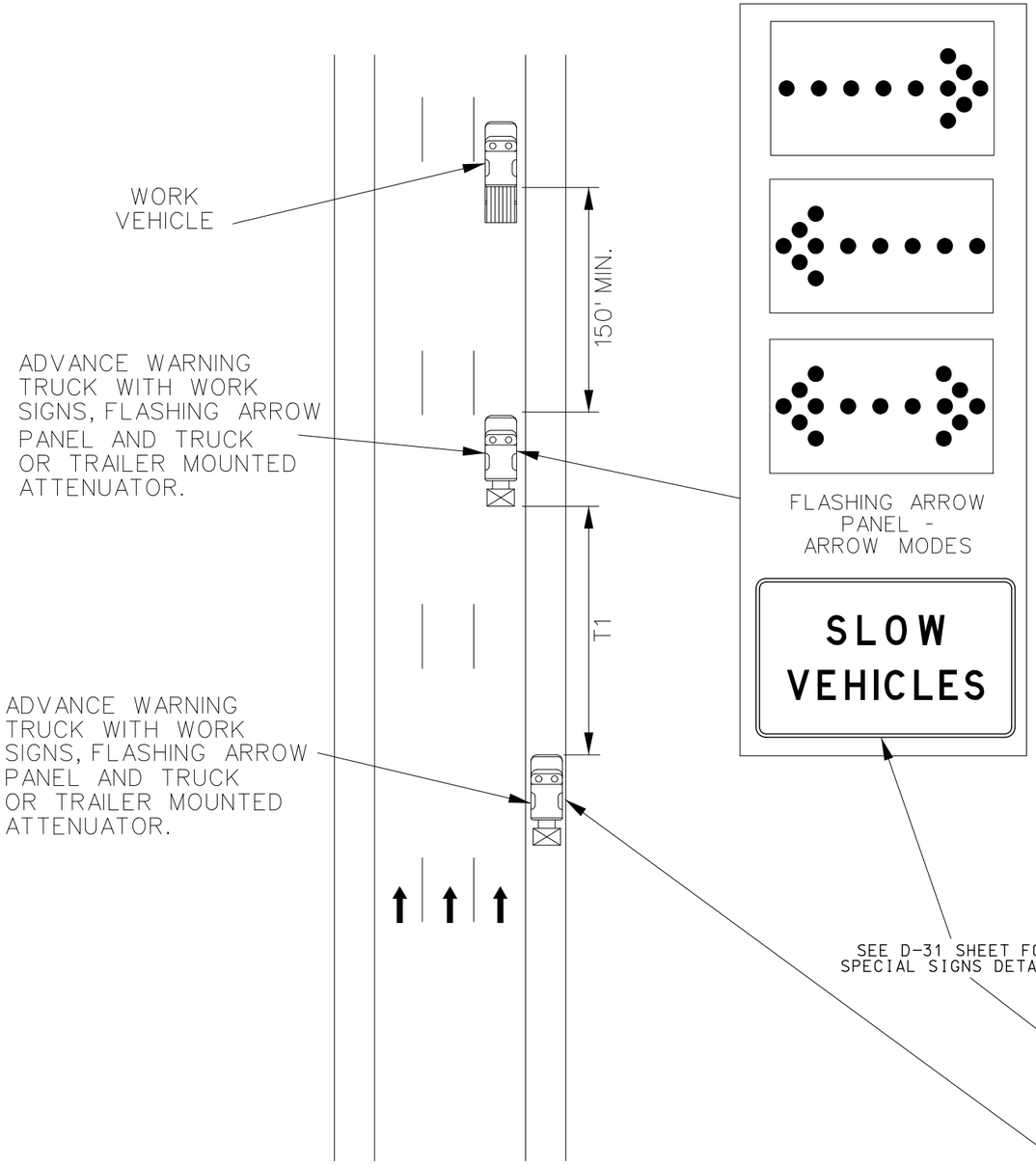
PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING OR STROBE LIGHTS.

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

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

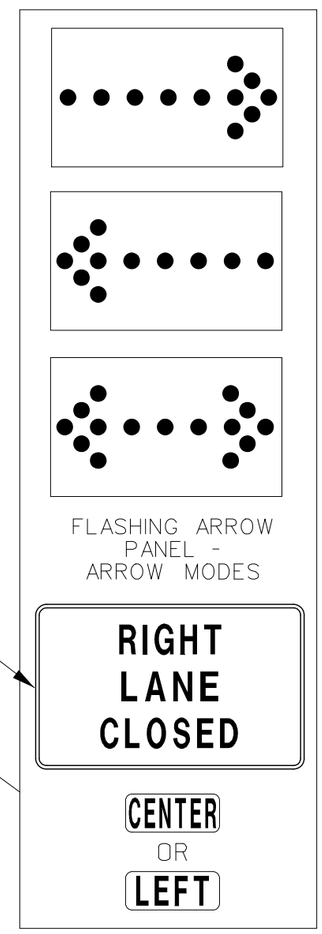
VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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



MULTI-LANE DIVIDED HIGHWAY

MOVING OPERATION ON HIGHWAY OPEN TO TRAFFIC



* NO SEPERATE PAYMENT WILL BE MADE FOR THIS TMA PROTECTION

SPEED	SPACING LENGTH (ft.)
REGULATORY (MPH)	SPACING (T1)
0-35	245
40-45	540
50-55	660
60-70	840

TMA PROTECTION * WHEN SETTING UP TEMPORARY TRAFFIC CONTROL SIGNS AND OTHER TTC DEVICES

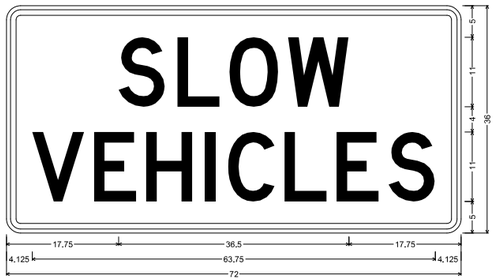
STATE OF MISSOURI
KARLEE A. COVINGTON
NUMBER PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:35:11 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED	
9/26/2023	
ROUTE 70	STATE MO
DISTRICT KC	SHEET NO. 7
COUNTY LAFAYETTE/SALINE	
JOB NO. JKR0235	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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

TEMPORARY TRAFFIC CONTROL
SHEET 4 OF 5
MOVING OPERATION
OPEN TO TRAFFIC

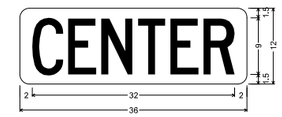


GO25-1 SHF-FLAT SHEET FLUORESCENT;
2,250" Radius, 0,875" Border, 0,625" Indent, Black on, Orange;
"SLOW", D 75% spacing; "VEHICLES", D 75% spacing;
Table of letter and object lefts

S	L	O	W				
17.750	27.125	35.375	44.625				
V	E	H	I	C	L	E	S
4.125	13.875	22.125	31.500	35.125	44.000	52.250	60.500

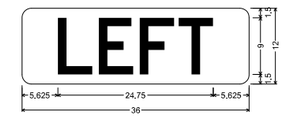
GO25-2 SHF-FLAT SHEET FLUORESCENT;
2,250" Radius, 0,875" Border, 0,625" Indent, Black on, Orange;
"RIGHT LANE", D 60% spacing; "CLOSED", D 60% spacing;
Table of letter and object lefts

R	I	G	H	T	L	A	N	E	
4.750	12.125	14.750	22.000	29.125	40.125	45.875	54.500	61.750	
C	L	O	S	E	D				
15.625	22.625	29.125	36.500	43.875	50.375				



GO25-2P (SIDE A) SHF-FLAT SHEET FLUORESCENT;
1.500" Radius, No border, Orange;
"CENTER" Black, C 50% spacing;
Table of letter and object lefts

C	E	N	T	E	R
2.000	7.625	12.875	18.625	23.875	29.125



GO25-2P (SIDE B) SHF-FLAT SHEET FLUORESCENT;
1.500" Radius, No border, Orange;
"LEFT" Black, D 60% spacing;
Table of letter and object lefts

L	E	F	T
5.625	12.125	18.625	24.875

STATE OF MISSOURI
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NUMBER
PE-2020000009
PROFESSIONAL ENGINEER
10/02/2023 9:26:00 AM
KARLEE A. COVINGTON - CIVIL
MO-PE-2020000009

DATE PREPARED	
9/26/2023	
ROUTE	STATE
70	MO
DISTRICT	SHEET NO.
KC	8
COUNTY	
LAFAYETTE/SALINE	
JOB NO.	
JKR0235	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY TRAFFIC CONTROL
SHEET 5 OF 5
SPECIAL SIGNS DETAILS