

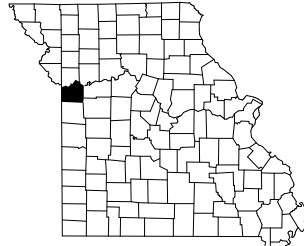
DESIGN DESIGNATION

A.A.D.T. - 2024 = 30000  
A.A.D.T. - 2034 = 34000  
T = 6.0%  
V = 45 M.P.H.

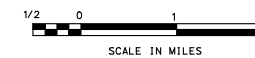
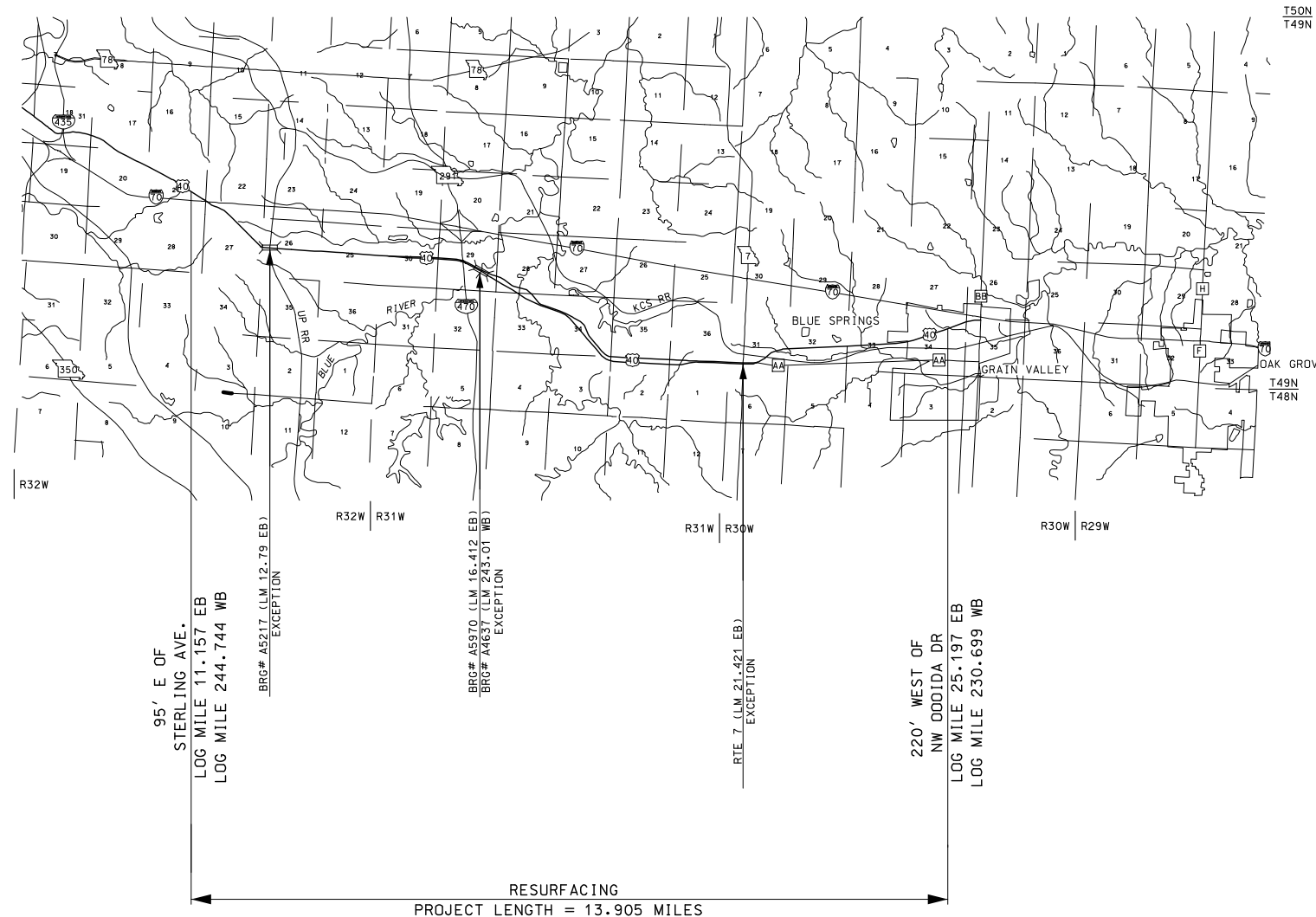
FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

NO RIGHT OF WAY ACQUISITION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
PLANS FOR PROPOSED  
STATE HIGHWAY  
JACKSON COUNTY



KEY MAP  
LOCATION OF JACKSON COUNTY



CONVENTIONAL SYMBOLS  
(USED IN PLANS)

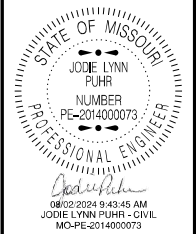
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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) (12 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4
TRAFFIC CONTROL SHEETS (TC)-----	5-19
PAVEMENT MARKING (PM)-----	20



DATE PREPARED 8/1/2024	
ROUTE 40	STATE MO
DISTRICT KC	SHEET NO. 1
COUNTY JACKSON	
JOB NO. JKU0074	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DATE	DESCRIPTION

LENGTH OF PROJECT

BEGINNING OF PROJECT	EB LM 11.157
END OF PROJECT	EB LM 25.197
APPARENT LENGTH	74131.2 FEET
EQUATIONS AND EXCEPTIONS:	
BR. A5217	EB LM 12.790 - 12.844
BR. A5970 & A4637	EB LM 16.412 - 16.479
RTE 7	EB LM 21.421 - 21.435

TOTAL CORRECTIONS	712.8 FEET
NET LENGTH OF PROJECT	73418.4 FEET
STATE LENGTH	13.905 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.0 ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



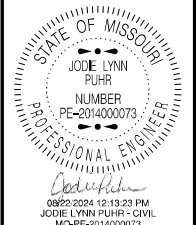




PAVEMENT QUANTITIES 1

Table with 13 columns: LOG MILE, LOG MILE, DIRECTION, LENGTH, AVERAGE MAINLINE WIDTH, AVERAGE LEFT SHLDR WIDTH, AVERAGE RIGHT SHLDR WIDTH, MAINLINE AREA, SHOULDER AREA, 2" SP125B MAINLINE, 2" BP-1 SHOULDERS, TACK COAT, COLDMILLING, REMARKS. Includes a summary row at the bottom with values for SUBTOTAL and PAY SUBTOTAL 1.

SEE SHEET 6 OF 12 FOR TOTALS



DATE PREPARED

8/21/2024

ROUTE 40 STATE MO

DISTRICT KC SHEET NO. 3

COUNTY JACKSON

JOB NO. JKU0074

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

Table with 5 columns: DESCRIPTION, DATE. Multiple empty rows for data entry.

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

### PAVEMENT QUANTITIES 2

LOG MILE	LOG MILE	DIRECTION	LENGTH	AVERAGE MAINLINE WIDTH	AVERAGE LEFT SHLDR WIDTH	AVERAGE RIGHT SHLDR WIDTH	MAINLINE AREA	SHOULDER AREA	2"	2"	TACK COAT	2"	REMARKS
			LF	LF	LF	LF			SP125B MAINLINE	BP-1 SHOULDERS		COLDMILLING	
15.161	15.171	EB/WB	52.80	98	0	0	574.93	0.00	62.16	0.00	57.49	574.93	
15.171	15.26	EB/WB	469.92	61	7	7	3,185.01	730.99	344.33	80.57	391.60	3,916.00	
15.26	15.27	EB/WB	52.80	82	7	0	481.07	41.07	52.01	4.53	52.21	522.14	
15.27	15.3	EB/WB	158.40	61	8	6	1,073.60	246.40	116.07	27.16	132.00	1,320.00	
15.3	15.32	EB/WB	105.60	55	8	6	645.33	164.27	69.77	18.11	80.96	809.60	
15.32	15.42	EB/WB	528.00	52	8	6	3,050.67	821.33	329.81	90.53	387.20	3,872.00	
15.42	15.43	EB/WB	52.80	80	8	0	469.33	46.93	50.74	5.17	51.63	516.26	
15.43	15.45	EB/WB	105.60	64	8	6	750.93	164.27	81.18	18.11	91.52	915.20	
15.45	15.460	EB/WB	52.80	59	8	6	346.13	82.13	37.42	9.05	42.83	428.26	
15.46	15.66	EB/WB	1,056.00	54	8	6	6,336.00	1,642.67	684.99	181.06	797.87	7,978.67	
15.66	15.67	EB/WB	52.80	82	8	0	481.07	46.93	52.01	5.17	52.80	528.00	
15.67	15.841	EB/WB	902.88	54	8	6	5,417.28	1,404.48	585.67	154.80	682.18	6,821.76	
15.841	15.92	EB/WB	417.12	44	0	6	2,039.25	278.08	220.47	30.65	231.73	2,317.33	
15.92	15.940	EB/WB	105.60	74	0	0	868.27	0.00	93.87	0.00	86.83	868.27	
15.94	15.990	EB/WB	264.00	58	0	6	1,701.33	176.00	183.93	19.40	187.73	1,877.33	
15.99	16.06	EB/WB	369.60	67	0	0	2,751.47	0.00	297.46	0.00	275.15	2,751.47	
16.06	16.161	EB/WB	533.28	82	0	6	4,858.77	355.52	525.29	39.19	521.43	5,214.29	
16.161	16.2	EB/WB	205.92	74	0	0	1,693.12	0.00	183.05	0.00	169.31	1,693.12	
16.2	16.281	EB/WB	427.68	96	0	0	4,561.92	0.00	493.19	0.00	456.19	4,561.92	
16.281	16.300	EB/WB	100.32	120	0	0	1,337.60	0.00	144.61	0.00	133.76	1,337.60	
16.3	16.34	EB/WB	211.20	86	0	0	2,018.13	0.00	218.18	0.00	201.81	2,018.13	
16.34	16.381	EB/WB	216.48	72	0	0	1,731.84	0.00	187.23	0.00	173.18	1,731.84	
16.381	16.412	EB/WB	163.68	52	8	8	945.71	290.99	102.24	32.07	123.67	1,236.70	
16.412	16.479	EB	110.88	26	6	8	320.32	172.48	34.63	19.01	49.28	492.80	
16.479	16.5	EB	110.88	34	6	0	418.88	73.92	45.29	8.15	49.28	492.80	
16.5	16.521	EB	316.80	48	6	0	1,689.60	211.20	182.66	23.28	190.08	1,900.80	
16.521	16.581	EB	105.60	40	0	0	469.33	0.00	50.74	0.00	46.93	469.33	
16.581	16.601	EB	211.20	26	4	8	610.13	281.60	65.96	31.04	89.17	891.73	
16.601	16.641	EB	63.36	40	0	0	281.60	0.00	30.44	0.00	28.16	281.60	
16.641	16.653	EB	411.84	33	4	8	1,510.08	549.12	163.26	60.53	205.92	2,059.20	
16.653	16.731	EB	147.84	26	16	6	427.09	361.39	46.17	39.83	78.85	788.48	
16.731	16.759	EB	5,813.28	26	6	6	16,793.92	7,751.04	1,815.61	854.34	2,454.50	24,544.96	
16.759	17.86	EB	105.60	32	0	6	375.47	70.40	40.59	7.76	44.59	445.87	
17.86	17.880	EB	100.32	37	0	6	412.43	66.88	44.59	7.37	47.93	479.31	
17.880	17.899	EB	4,746.72	26	6	6	13,712.75	6,328.96	1,482.50	697.59	2,004.17	20,041.71	
17.899	18.798	EB	110.88	32	6	5	394.24	135.52	42.62	14.94	52.98	529.76	
18.798	18.819	EB	205.92	38	6	4	869.44	228.80	94.00	25.22	109.82	1,098.24	
18.819	18.858	EB	2,650.56	26	6	6	7,657.17	3,534.08	827.83	389.53	1,119.13	11,191.25	
18.858	19.36	EB	100.32	32	0	6	356.69	66.88	38.56	7.37	42.36	423.57	NO LT SHLDR BECAUSE OF PERMIT JOB
19.36	19.379	EB	163.68	38	0	6	691.09	109.12	74.71	12.03	80.02	800.21	NO LT SHLDR BECAUSE OF PERMIT JOB
19.379	19.410	EB	105.60	24	0	6	281.60	70.40	30.44	7.76	35.20	352.00	NO LT SHLDR BECAUSE OF PERMIT JOB
19.410	19.43	EB	2,265.12	26	6	6	6,543.68	3,020.16	707.44	332.89	956.38	9,563.84	
19.43	19.859	EB	105.60	33	6	6	387.20	140.80	41.86	15.52	52.80	528.00	
19.859	19.879	EB	158.40	40	6	6	704.00	211.20	76.11	23.28	91.52	915.20	
19.879	19.909	EB	52.80	24	0	6	140.80	35.20	15.22	3.88	17.60	176.00	
19.909	19.919	EB	1,684.32	26	6	6	4,865.81	2,245.76	526.05	247.53	711.16	7,111.57	
19.919	20.238	EB	105.60	30	6	0	352.00	70.40	38.06	7.76	42.24	422.40	
20.238	20.258	EB	216.48	34	6	0	817.81	144.32	88.41	15.91	96.21	962.13	
20.258	20.299	EB	1,056.00	28	0	6	3,285.33	704.00	355.18	77.60	398.93	3,989.33	
20.299	20.499	EB	422.40	26	6	6	1,220.27	563.20	131.92	62.08	178.35	1,783.47	
20.499	20.579	EB	105.60	34	6	6	398.93	140.80	43.13	15.52	53.97	539.73	
20.579	20.599	EB	311.52	50	0	0	1,730.67	0.00	187.10	0.00	173.07	1,730.67	
20.599	20.658	EB	158.40	28	0	0	492.80	0.00	53.28	0.00	49.28	492.80	
20.658	20.688	EB	844.80	26	0	8	2,440.53	750.93	263.85	82.77	319.15	3,191.46	
20.688	20.848	EB	105.60	32	0	9	375.47	105.60	40.59	11.64	48.11	481.07	
20.848	20.868	EB	105.60	39	0	10	457.60	117.33	49.47	12.93	57.49	574.93	
20.868	20.888	EB	147.84	47	0	0	772.05	0.00	83.47	0.00	77.21	772.05	
20.888	20.916	EB	126.72	42	0	0	591.36	0.00	63.93	0.00	59.14	591.36	
20.916	20.94	EB	723.36	24	0	8	1,928.96	642.99	208.54	70.87	257.20	2,571.95	
20.94	21.077	EB	105.60	30	0	8	352.00	93.87	38.06	10.35	44.59	445.87	
21.077	21.097	EB											
SUBTOTAL									13,237.95	3,911.85	15,793.85	157,938.27	
PAY SUBTOTAL 2									13,238.0	3,911.9	15,794	157,939	

SEE SHEET 6 OF 12 FOR TOTALS

DATE PREPARED  
**8/21/2024**

ROUTE **40** STATE **MO**

DISTRICT **KC** SHEET NO. **3**

COUNTY  
**JACKSON**

JOB NO.  
**JKU0074**

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

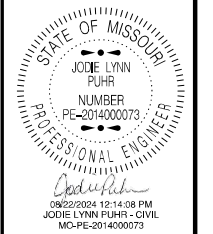
105 WEST CAPITOL JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



**PAVEMENT QUANTITIES 3**

LOG MILE	LOG MILE	DIRECTION	LENGTH LF	AVERAGE MAINLINE WIDTH LF	AVERAGE LEFT SHLDR WIDTH LF	AVERAGE RIGHT SHLDR WIDTH LF	MAINLINE AREA SY	SHOULDER AREA SY	2" SP125B MAINLINE TONS	2" BP-1 SHOULDERS TONS	TACK COAT GAL	2" COLDMILLING SY	REMARKS	
21.097	21.117	EB	105.60	36	0	8	422.40	93.87	45.67	10.35	51.63	516.27		
21.117	21.168	EB	269.28	44	0	0	1,316.48	0.00	142.33	0.00	131.65	1,316.48		
21.168	21.197	EB	153.12	40	0	0	680.53	0.00	73.57	0.00	68.05	680.53		
21.197	21.208	EB	58.08	26	0	0	167.79	0.00	18.14	0.00	16.78	167.79		
21.208	21.228	EB	105.60	30	0	6	352.00	70.40	38.06	7.76	42.24	422.40		
21.228	21.287	EB	311.52	34	0	6	1,176.85	207.68	127.23	22.89	138.45	1,384.53		
21.287	21.316	EB	153.12	24	0	6	408.32	102.08	44.14	11.25	51.04	510.40		
21.316	21.358	EB	221.76	42	0	0	1,034.88	0.00	111.88	0.00	103.49	1,034.88		
21.358	21.421	EB	332.64	60	0	0	2,217.60	0.00	239.75	0.00	221.76	2,217.60		
234.474	234.504	WB	158.40	22	0	0	387.20	0.00	41.86	0.00	38.72	387.20		
234.504	234.518	WB	73.92	28	0	0	229.97	0.00	24.86	0.00	23.00	229.97		
234.518	234.538	WB	105.60	34	0	0	398.93	0.00	43.13	0.00	39.89	398.93		
234.538	234.560	WB	116.16	26	0	0	335.57	0.00	36.28	0.00	33.56	335.57		
234.560	234.578	WB	95.04	33	0	0	348.48	0.00	37.67	0.00	34.85	348.48		
234.578	234.62	WB	221.76	40	0	0	985.60	0.00	106.55	0.00	98.56	985.60		
234.620	234.64	WB	105.60	22	0	0	258.13	0.00	27.91	0.00	25.81	258.13		
234.640	234.66	WB	105.60	28	0	0	328.53	0.00	35.52	0.00	32.85	328.53		
234.660	234.720	WB	316.80	34	0	0	1,196.80	0.00	129.39	0.00	119.68	1,196.80		
234.720	234.83	WB	580.80	24	0	6	1,548.80	387.20	167.44	42.68	193.60	1,936.00		
234.830	234.85	WB	105.60	30	0	6	352.00	70.40	38.06	7.76	42.24	422.40		
234.850	234.890	WB	211.20	36	0	6	844.80	140.80	91.33	15.52	98.56	985.60		
234.890	234.918	WB	147.84	34	0	6	558.51	98.56	60.38	10.86	65.71	657.07		
234.918	234.955	WB	195.36	44	0	0	955.09	0.00	103.26	0.00	95.51	955.09		
234.955	234.981	WB	137.28	38	0	0	579.63	0.00	62.66	0.00	57.96	579.63		
234.981	235.002	WB	110.88	22	0	0	271.04	0.00	29.30	0.00	27.10	271.04		
235.002	235.141	WB	733.92	24	0	4	1,957.12	326.19	211.59	35.95	228.33	2,283.31		
235.141	235.191	WB	264.00	38	0	4	1,114.67	117.33	120.51	12.93	123.20	1,232.00		
235.191	235.281	WB	475.20	24	0	4	1,267.20	211.20	137.00	23.28	147.84	1,478.40		
235.281	235.381	WB	528.00	26	4	6	1,525.33	586.67	164.91	64.66	211.20	2,112.00		
235.381	235.903	WB	2,756.16	26	4	4	7,962.24	2,449.92	860.81	270.04	1,041.22	10,412.16		
235.903	235.921	WB	95.04	34	0	0	359.04	0.00	38.82	0.00	35.90	359.04		
235.921	235.961	WB	211.20	42	0	0	985.60	0.00	106.55	0.00	98.56	985.60		
235.961	236.411	WB	2,376.00	26	4	4	6,864.00	2,112.00	742.07	232.79	897.60	8,976.00		
236.411	236.431	WB	105.60	31	2	4	363.73	70.40	39.32	7.76	43.41	434.13		
236.431	236.470	WB	205.92	36	0	4	823.68	91.52	89.05	10.09	91.52	915.20		
236.470	236.541	WB	374.88	26	4	4	1,082.99	333.23	117.08	36.73	141.62	1,416.22		
236.541	236.561	WB	105.60	32	4	0	375.47	46.93	40.59	5.17	42.24	422.40		
236.561	236.590	WB	153.12	34	4	0	578.45	68.05	62.54	7.50	64.65	646.50		
236.590	236.711	WB	638.88	26	4	4	1,845.65	567.89	199.54	62.59	241.35	2,413.54		
236.711	236.881	WB	897.60	28	4	0	2,792.53	398.93	301.90	43.97	319.15	3,191.46		
236.881	236.952	WB	374.88	26	4	4	1,082.99	333.23	117.08	36.73	141.62	1,416.22		
236.952	236.983	WB	163.68	36	0	4	654.72	72.75	70.78	8.02	72.75	727.47		
236.983	237.039	WB	295.68	42	0	4	1,379.84	131.41	149.18	14.48	151.13	1,511.25		
237.039	237.222	WB	966.24	26	4	4	2,791.36	858.88	301.78	94.67	365.02	3,650.24		
237.222	237.381	WB	839.52	28	4	0	2,611.84	373.12	282.37	41.13	298.50	2,984.96		
237.381	237.404	WB	121.44	32	4	0	431.79	53.97	46.68	5.95	48.58	485.76		
237.404	237.441	WB	195.36	36	4	0	781.44	86.83	84.48	9.57	86.83	868.27		
237.441	239.211	WB	9,345.60	26	4	4	26,998.40	8,307.20	2,918.83	915.64	3,530.56	35,305.60		
239.211	239.231	WB	105.60	32	4	4	375.47	93.87	40.59	10.35	46.93	469.34		
239.231	239.241	WB	52.80	36	4	4	211.20	46.93	22.83	5.17	25.81	258.13		
239.241	239.281	WB	211.20	50	0	4	1,173.33	93.87	126.85	10.35	126.72	1,267.20		
239.281	239.321	WB	211.20	34	0	0	797.87	0.00	86.26	0.00	79.79	797.87		
239.321	239.416	WB	501.60	26	6	6	1,449.07	668.80	156.66	73.72	211.79	2,117.87		
SUBTOTAL										9,513.02	2,168.31	10,766.51	107,665.06	
PAY SUBTOTAL 3										9,513.1	2,168.4	10,767	107,666	

SEE SHEET 6 OF 12 FOR TOTALS

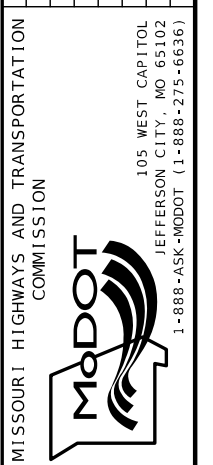


DATE PREPARED  
**8/21/2024**  
ROUTE **40** STATE **MO**  
DISTRICT **KC** SHEET NO. **3**

COUNTY  
**JACKSON**  
JOB NO.  
**JKU0074**  
CONTRACT ID.

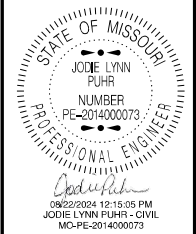
PROJECT NO.  
BRIDGE NO.

DESCRIPTION	DATE



PAVEMENT QUANTITIES SIDE ROADS 1									
LOG MILE	DIRECTION	SIDE OF ROAD	AVERAGE LENGTH	AVERAGE WIDTH	MAINLINE AREA	2" SP125B MAINLINE	TACK COAT	2" COLDMILLING	REMARKS
			LF	LF		SY	TONS	GAL	
11.618	EB/WB	S	100	18	200.00	21.62	20.00	200.00	ROAD TO BLUE RIDGE BLVD
12.018	EB/WB	N	49	30	163.33	17.66	16.33	163.33	CRYSLER AVE
12.018	EB/WB	S	32	46	163.56	17.68	16.36	163.56	CRYSLER AVE
12.039	EB/WB	S	27	26.5	79.50	8.59	7.95	79.50	CRYSLER AVE TURN LANE
12.299	EB/WB	S	32	16	56.89	6.15	5.69	56.89	S BEVERLY RD
12.359	EB/WB	N	30	23	76.67	8.29	7.67	76.67	S RIVER BLVD TURN LANE
12.359	EB/WB	N	39	25	108.33	11.71	10.83	108.33	S RIVER BLVD TURN LANE
12.359	EB/WB	S	31	24	82.67	8.94	8.27	82.67	S RIVER BLVD TURN LANE
12.458	EB/WB	N	33.5	24	89.33	9.66	8.93	89.33	COTTAGE AVE
12.540	EB/WB	N	39	45	195.00	21.08	19.50	195.00	UNION ST
12.658	EB/WB	S	47	47	245.44	26.53	24.54	245.44	E 47TH ST
12.958	EB/WB	N	71	27	213.00	23.03	21.30	213.00	WASHINGTON ST
12.958	EB/WB	S	51	18	102.00	11.03	10.20	102.00	WASHINGTON ST
13.178	EB/WB	N	60	159	1,060.00	114.60	106.00	1,060.00	SB NOLAND RD W/ RT TURN LANE
13.178	EB/WB	N	35	159	618.33	66.85	61.83	618.33	NB NOLAND RD W/ RT TURN LANE
13.178	EB/WB	S	100	262	2,911.11	314.72	291.11	2,911.11	NB/SB NOLAND RD W/ RT TURN LANES
13.438	EB/WB	S	53	21	123.67	13.37	12.37	123.67	HOCKER RD
13.598	EB/WB	N	34	15	56.67	6.13	5.67	56.67	FREMONT RD
14.290	EB/WB	N	37	15	61.67	6.67	6.17	61.67	BRENTWOOD AVE
14.465	EB/WB	S	46	35	178.89	19.34	17.89	178.89	BRECKENRIDGE AVE
14.678	EB/WB	N	57.5	109	696.39	75.29	69.64	696.39	SB LEE'S SUMMIT RD W/ RT TURN LANE
14.678	EB/WB	N	44.5	109	538.94	58.27	53.89	538.94	NB LEE'S SUMMIT RD W/ RT TURN LANE
14.678	EB/WB	S	32	97	344.89	37.29	34.49	344.89	SB LEE'S SUMMIT RD W/ RT TURN LANE
14.678	EB/WB	S	79	97	851.44	92.05	85.14	851.44	NB LEE'S SUMMIT RD W/ RT TURN LANE
14.920	EB/WB	-	60	14	93.33	10.09	9.33	93.33	MEDIAN CUT-THROUGH
15.030	EB/WB	-	54	20	120.00	12.97	12.00	120.00	MEDIAN CUT-THROUGH
15.030	EB/WB	N	48	20	106.67	11.53	10.67	106.67	KENDALL DR
15.161	EB/WB	N	43	47	224.56	24.28	22.46	224.56	SHRANK RD
15.161	EB/WB	S	44.5	50	247.22	26.73	24.72	247.22	SHRANK RD
15.260	EB/WB	S	47.5	40	211.11	22.82	21.11	211.11	HIGHLAND DR
15.425	EB/WB	S	42	25	116.67	12.61	11.67	116.67	TIERNEY DR
15.665	EB/WB	S	44	36	176.00	19.03	17.60	176.00	CEDAR CREST CT
15.920	EB/WB	S	68	44	332.44	35.94	33.24	332.44	CLIFF AVE
15.990	EB/WB	S	36	22	88.00	9.51	8.80	88.00	COCHISE DR
16.230	EB/WB	S	58	69	444.67	48.07	44.47	444.67	48TH ST
16.285	EB/WB	S	64	82	583.11	63.04	58.31	583.11	ARROWHEAD DR
16.285	EB/WB	N	54	94	564.00	60.97	56.40	564.00	SB ARROWHEAD DR W/ RT TURN LANE
16.285	EB/WB	N	43	94	449.11	48.55	44.91	449.11	NB ARROWHEAD DR W/ RT TURN LANE
16.380	EB/WB	S	64.5	59	422.83	45.71	42.28	422.83	48TH ST
16.590	EB	N	81	135	1,215.00	131.36	121.50	1,215.00	LITTLE BLUE PKWY BETWEEN EB & WB 40
16.650	EB	N	28.5	195	617.50	66.76	61.75	617.50	S FAIRVIEW RD BETWEEN EB & WB 40
16.650	EB	S	34	48	181.33	19.60	18.13	181.33	S FAIRVIEW RD
17.060	EB	N	50	21	116.67	12.61	11.67	116.67	VALLEY VIEW RD
18.345	EB	N	27	617	1,851.00	200.11	185.10	1,851.00	SW LAKE TAPAWINGO LN BETWEEN EB & WB 40
18.478	EB	S	48	52	277.33	29.98	27.73	277.33	TURKEY HOLLOW RD
18.857	EB	N	22.5	313	782.50	84.60	78.25	782.50	S BOWLIN RD BETWEEN EB & WB 40
18.857	EB	S	32	40	142.22	15.38	14.22	142.22	S BOWLIN RD
19.018	EB	S	22	28	68.44	7.40	6.84	68.44	SW BOWLIN RD
19.207	EB	S	20.5	42	95.67	10.34	9.57	95.67	SB SW 42 ND ST
19.217	EB	S	20	42	93.33	10.09	9.33	93.33	NB SW 42 ND ST
19.347	EB	S	23	30	76.67	8.29	7.67	76.67	EVERGREEN DR
19.418	EB	S	41	130	592.22	64.03	59.22	592.22	SB WOODS CHAPPEL RD W/ RT TURN LANE
19.428	EB	S	43	130	621.11	67.15	62.11	621.11	NB WOODS CHAPPEL RD W/ RT TURN LANE
19.666	EB	N	25	405	1,125.00	121.63	112.50	1,125.00	BURRIS RD BETWEEN EB & WB 40
SUBTOTAL						2,297.73	2,125.33	21,253.43	
SIDE ROAD SUBTOTAL 1						2,297.8	2,125	21,253	

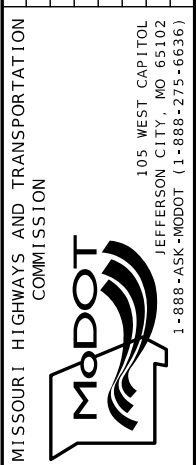
SEE SHEET 6 OF 12 FOR TOTALS



DATE PREPARED  
8/21/2024  
ROUTE 40 STATE MO  
DISTRICT KC SHEET NO. 3  
COUNTY JACKSON  
JOB NO. JKU0074  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.

DESCRIPTION	DATE

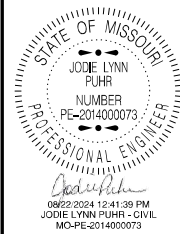




PAVEMENT QUANTITIES SIDE ROADS

LOG MILE	DIRECTION	SIDE OF ROAD	AVERAGE	AVERAGE	MAINLINE AREA	2"	TACK	2"	REMARKS
			LENGTH	WIDTH		SP125B MAINLINE	COAT	COLDMILLING	
			LF	LF	SY	TONS	GAL	SY	
19.666	EB	S	33	13	47.67	5.15	4.77	47.67	BURRIS RD
19.905	EB	N	44.5	400	1,977.78	213.82	197.78	1,977.78	WOODS CHAPEL RD BETWEEN EB & WB 40
20.137	EB	S	33	17	62.33	6.74	6.23	62.33	28TH ST
20.288	EB	N	27.5	403	1,231.39	133.13	123.14	1,231.39	WHITE CEMETERY RD BETWEEN EB & WB 40
20.288	EB	S	43	50	238.89	25.83	23.89	238.89	QUARRY RD
20.500	EB	N	31	209	719.89	77.83	71.99	719.89	22ND ST BETWEEN EB & WB 40
20.400	EB	S	32	15	53.33	5.77	5.33	53.33	22ND ST
20.670	EB	N	113	57	715.67	77.37	71.57	715.67	19TH ST BETWEEN EB & WB 40 W/ BOTH OFFSET LT TURN LANES FROM 40
20.670	EB	S	64	106	753.78	81.49	75.38	753.78	19TH ST
20.926	EB	S	62.5	106	736.11	79.58	73.61	736.11	15TH ST W RT TURN LANES
21.000	EB	S	58	20	128.89	13.93	12.89	128.89	14TH TERR
21.178	EB	S	61	75	508.33	54.96	50.83	508.33	LUTTRELL RD W/ RT TURN LANES
234.705	WB	N	53	40	235.56	25.47	23.56	235.56	10TH ST
234.962	WB	N	73	48	389.33	42.09	38.93	389.33	15TH ST W RT TURN LANES
235.210	WB	N	55.5	46	283.67	30.67	28.37	283.67	19TH ST
236.301	WB	N	81.5	10	90.56	9.79	9.06	90.56	37TH ST
236.580	WB	N	46	35	178.89	19.34	17.89	178.89	40TH ST
237.430	WB	N	60	38	253.33	27.39	25.33	253.33	LAKE TAPAWINGO LN
237.490	WB	N	35	24	93.33	10.09	9.33	93.33	COUNTRYSIDE RD
237.680	WB	N	32	10	35.56	3.84	3.56	35.56	BELLEMERE RD
237.764	WB	N	38	10	42.22	4.56	4.22	42.22	BELLEMERE RD
237.964	WB	N	72	48	384.00	41.51	38.40	384.00	POWELL AVE
238.821	WB	N	77	17	145.44	15.72	14.54	145.44	VALLEY VIEW
21.515	EB/WB	S	26.5	93	273.83	29.60	27.38	273.83	JAGUAR LN W/ RT TURN LANE
22.138	EB/WB	S	62	70	482.22	52.13	48.22	482.22	SE MOORE ST W/ RT TURN LANES
22.850	EB/WB	N	37.5	28	116.67	12.61	11.67	116.67	SE LEGION DR
22.850	EB/WB	S	45.5	28	141.56	15.30	14.16	141.56	SE LEGION DR
23.077	EB/WB	S	69	46	352.67	38.13	35.27	352.67	SE TIMBERCREEK DR
23.245	EB/WB	N	35.5	18	71.00	7.68	7.10	71.00	BRIZENDINE RD
24.038	EB/WB	S	65	61	440.56	47.63	44.06	440.56	NW SNI-A-BAR BLVD W/ RT TURN LANES
24.250	EB/WB	N	31	29	99.89	10.80	9.99	99.89	BARR RD
SUBTOTAL						1,219.95	1,128.45	11,284.35	
SIDE ROAD SUBTOTAL 2						1,220.0	1,129	11,285	

SEE SHEET 6 OF 12 FOR TOTALS



DATE PREPARED  
**8/21/2024**

ROUTE 40 STATE MO

DISTRICT KC SHEET NO. 3

COUNTY JACKSON

JOB NO. JKU0074

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

**MoDOT**

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

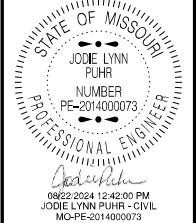
PAVEMENT QUANTITIES													
LOG MILE	LOG MILE	DIRECTION	LENGTH	AVERAGE MAINLINE WIDTH	AVERAGE LEFT SHLDR WIDTH	AVERAGE RIGHT SHLDR WIDTH	MAINLINE AREA	SHOULDER AREA	2" SP125B MAINLINE	2" BP-1 SHOULDERS	TACK COAT	2" COLDMILLING	REMARKS
			LF	LF	LF	LF	SY	SY	TONS	TONS	GAL	SY	
21.435	21.458	EB/WB	121.44	80	0	0	1,079.47	0.00	116.70	0.00	107.95	1,079.47	
21.458	21.498	EB/WB	211.20	82	0	0	1,924.27	0.00	208.03	0.00	192.43	1,924.27	
21.498	21.559	EB/WB	322.08	62	0	8	2,218.77	286.29	239.87	31.56	250.51	2,505.06	
21.559	21.580	EB/WB	110.88	76	0	8	936.32	98.56	101.23	10.86	103.49	1,034.88	
21.580	21.739	EB/WB	839.52	62	8	0	5,783.36	1,492.48	625.25	164.50	727.58	7,275.84	
21.739	21.760	EB/WB	110.88	60	0	8	739.20	0.00	79.92	0.00	73.92	739.20	
21.760	21.840	EB/WB	422.40	42	4	8	1,971.20	563.20	213.11	62.08	253.44	2,534.40	
21.840	22.059	EB/WB	1,156.32	28	8	8	3,597.44	2,055.68	388.92	226.58	565.31	5,653.12	
22.059	22.079	EB/WB	105.60	36	4	4	422.40	93.87	45.67	10.35	51.63	516.27	
22.079	22.099	EB/WB	105.60	46	0	0	539.73	0.00	58.35	0.00	53.97	539.73	
22.099	22.199	EB/WB	528.00	56	0	0	3,285.33	0.00	355.18	0.00	328.53	3,285.33	
22.199	22.238	EB/WB	205.92	42	0	0	960.96	0.00	103.89	0.00	96.10	960.96	
22.238	22.258	EB/WB	105.60	38	6	0	445.87	70.40	48.20	7.76	51.63	516.27	
22.258	22.319	EB/WB	322.08	40	8	0	1,431.47	286.29	154.76	31.56	171.78	1,717.76	
22.319	22.368	EB/WB	258.72	48	0	4	1,379.84	114.99	149.18	12.67	149.48	1,494.83	
22.368	22.449	EB/WB	427.68	50	8	0	2,376.00	380.16	256.87	41.90	275.62	2,756.16	
22.578	22.678	EB/WB	528.00	39	4	9	2,288.00	762.67	247.36	84.06	305.07	3,050.67	
22.678	23.017	EB/WB	1,789.92	28	8	8	5,568.64	3,182.08	602.03	350.74	875.07	8,750.72	
23.017	23.037	EB/WB	105.60	35	8	7	410.67	176.00	44.40	19.40	58.67	586.67	
23.037	23.087	EB/WB	264.00	42	8	6	1,232.00	410.67	133.19	45.26	164.27	1,642.67	
23.087	23.935	EB/WB	4,477.44	28	8	8	13,929.81	7,959.89	1,505.97	877.36	2,188.97	21,889.70	
23.935	23.977	EB/WB	221.76	42	8	8	1,034.88	394.24	111.88	43.45	142.91	1,429.12	
23.977	24.037	EB/WB	316.80	61	8	8	2,147.20	563.20	232.14	62.08	271.04	2,710.40	
24.037	24.047	EB/WB	52.80	42	8	0	246.40	46.93	26.64	5.17	29.33	293.33	
24.047	24.109	EB/WB	327.36	42	8	8	1,527.68	581.97	165.16	64.15	210.97	2,109.65	
24.109	24.167	EB/WB	306.24	35	8	8	1,190.93	544.43	128.75	60.01	173.54	1,735.36	
24.167	24.457	EB/WB	1,531.20	28	8	8	4,763.73	2,722.13	515.01	300.04	748.59	7,485.86	
24.457	24.556	EB/WB	522.72	34	8	8	1,974.72	929.28	213.49	102.43	290.40	2,904.00	
24.556	24.617	EB/WB	322.08	40	8	8	1,431.47	572.59	154.76	63.11	200.41	2,004.06	
24.617	24.667	EB/WB	264.00	34	8	8	997.33	469.33	107.82	51.73	146.67	1,466.66	
24.667	24.936	EB/WB	1,420.32	28	8	8	4,418.77	2,525.01	477.72	278.31	694.38	6,943.78	
24.936	25.137	EB/WB	1,061.28	26	8	0	3,065.92	943.36	331.46	103.98	400.93	4,009.28	
25.137	25.197	EB/WB	316.80	34	8	8	1,196.80	563.20	129.39	62.08	176.00	1,760.00	
SUBTOTAL									8,272.30	3,173.18	10,530.59	105,305.48	
PAY SUBTOTAL 4									8,272.3	3,173.2	10,531	105,306	
PAY SUBTOTAL 1									15,653.2	1,895.3	16,199	161,983	
PAY SUBTOTAL 2									13,238.0	3,911.9	15,794	157,939	
PAY SUBTOTAL 3									9,513.1	2,168.4	10,767	107,666	
PAY SUBTOTAL SIDE STREETS 1									2,297.8		2,125	21,253	
PAY SUBTOTAL SIDE STREETS 2									1,220.0		1,129	11,285	
PAY TOTAL									50,194	11,149	56,545	565,432	

GUARDRAIL								REMARKS
LOG MILE	LOG MILE	DIRECTION	MGS GUARDRAIL	MGS END ANCHOR	BRIDGE APPROACH TRANSITION	MGS CRASHWORTHY END TERMINAL	SHAPING SLOPES CLASS III	
			LF	EA	EA	EA	STA	
17.145	17.243	EB 40	450.0	1		1	0.75	LEFT SIDE OF ROAD OVER EAST FORK LITTLE BLUE RIVER
17.145	17.243	EB 40	450.0	1		1	0.75	RIGHT SIDE OF ROAD OVER EAST FORK LITTLE BLUE RIVER
238.642	238.754	WB 40	525.0	1		1	0.75	LEFT SIDE OF ROAD OVER EAST FORK LITTLE BLUE RIVER
239.763	239.779	WB 40			1	1		RIGHT SIDE OF ROAD APPROACHING OVERPASS I-470
TOTAL			1,425.0	3	1	4	2.25	
PAY TOTAL			1,425	3	1	4	3	

REMOVAL OF IMPROVEMENTS					
LOG MILE	LOCATION	DESCRIPTION	UNIT	QUANTITY	REMARKS
START					
17.145	EB US 40	GUARDRAIL	LF	500	SOUTH SIDE OF THE ROAD OVER EAST FORK LITTLE BLUE RIVER CULVERT
17.145	EB US 40	GUARDRAIL	LF	500	NORTH SIDE OF THE ROAD OVER EAST FORK LITTLE BLUE RIVER CULVERT
21.685	EB US 40	SIGN	EA	1	REMOVE AND REPLACE WITH NEW ASSEMBLY
21.718	EB US 40	SIGN	EA	1	REMOVE AND REPLACE WITH NEW ASSEMBLY
238.642	WB US 40	GUARDRAIL	LF	575	SOUTH SIDE OF THE ROAD OVER EAST FORK LITTLE BLUE RIVER CULVERT
239.763	WB US 40	GUARDRAIL	LF	88	NORTH SIDE OF ROAD ATTACHING TO BARRIER UNDER NB 291
PAY TOTAL			1	LUMP SUM	

**MOBILIZATION**  
 1 LUMP SUM

**SUMMARY OF QUANTITIES**  
 SHEET 6 OF 12



DATE PREPARED  
**8/21/2024**

ROUTE **40** STATE **MO**

DISTRICT **KC** SHEET NO. **3**

COUNTY  
**JACKSON**


JOB NO.  
**JKU0074**

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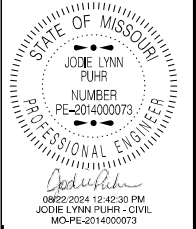


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

PAVEMENT MARKING 1

LOG MILE	LOG MILE	DIRECTION	LENGTH LF	6" YELLOW HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	6" WHITE HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	4" YELLOW HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	24" YELLOW HB WATERBORNE PAVEMENT MARKING LF	PREFORMED THERMO. PAVEMENT MARKING LT/RT ARROW EACH	PREF. THERMO. PM COMBINATION STR/LT/RT ARROW EACH	PREFORMED THERMO. PAVEMENT MARKING WORD "ONLY" EACH	PREF. THERMO. PAVEMENT MARKING 24" WHITE LF	PREF. THERMO. PM 30" WHITE MIDDLEBLOCK EACH	12" WHITE HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	PREF. THERMO. PM STR ARROW EACH	REMARKS
11.157	11.177	EB/WB	105.60		554.4	422.4									
11.177	11.197	EB/WB	105.60		290.4	422.4	32								
11.197	11.283	EB/WB	454.08		1248.72	1135.2		2							
11.283	11.319	EB/WB	190.08		522.72	475.2	64								
11.319	11.379	EB/WB	316.80		871.2	633.6					24				24' STOP BAR
11.379	11.418	EB/WB	205.92		720.72	617.76									
11.418	11.44	EB/WB	116.16		522.72	232.32					36				36' STOP BAR
11.44	11.469	EB/WB	153.12		689.04	306.24		4			36				36' STOP BAR
11.469	11.499	EB/WB	158.40		554.4	475.2									
11.499	11.548	EB/WB	258.72		711.48	517.44					24				24' STOP BAR
11.548	11.599	EB/WB	269.28		942.48	538.56		2			24				24' STOP BAR
11.599	11.644	EB/WB	237.60		831.6	475.2		1			36	15			REPLACE EXISTING CROSSWALK WITH MIDDLEBLOCKS; 36' STOP BAR
11.644	11.748	EB/WB	549.12		1372.8	2196.48	175								
11.748	11.799	EB/WB	269.28		807.84	538.56		2			36				36' STOP BAR
11.799	11.929	EB/WB	686.40		2059.2	2745.6	190	6			84	15			REPLACE EXISTING CROSSWALK WITH MIDDLEBLOCKS; 84' STOP BAR
11.929	12.018	EB/WB	469.92		1879.68	939.84		4			72	10			72' STOP BAR
12.018	12.089	EB/WB	374.88		1312.08	1499.52	40	2			48				48' STOP BAR
12.089	12.620	EB/WB	2,803.68		7009.2	7009.2		10							
12.62	12.658	EB/WB	200.64		501.6	802.56	54				24				24' STOP BAR
12.658	12.719	EB/WB	322.08		1127.28	644.16		1			36				36' STOP BAR
12.719	12.879	EB/WB	844.80		2112	2112		4							
12.879	12.919	EB/WB	211.20		739.2	528		1							
12.919	12.958	EB/WB	205.92		926.64	411.84		3			48				48' STOP BAR
12.958	12.998	EB/WB	211.20		1003.2	422.4		2			48				48' STOP BAR
12.998	13.081	EB/WB	438.24		1314.72	1095.6		4							
13.081	13.128	EB/WB	248.16		744.48	992.64	72								
13.128	13.178	EB/WB	264.00		1518	528		6			60				60' STOP BAR
13.178	13.238	EB/WB	316.80		1584	633.6		4			60				60' STOP BAR
13.238	13.268	EB/WB	158.40		475.2	316.8									
13.268	13.288	EB/WB	105.60		501.6	422.4		2			48				48' STOP BAR
13.288	13.358	EB/WB	369.60		1478.4	739.2		1			48				48' STOP BAR
13.358	13.398	EB/WB	211.20		792	844.8		1							
13.398	13.438	EB/WB	211.20		1003.2	422.4		2			48				48' STOP BAR
13.438	13.480	EB/WB	221.76		831.6	887.04	12	1			48				48' STOP BAR
13.48	13.500	EB/WB	105.60		290.4	422.4	48								
13.5	13.558	EB/WB	306.24		842.16	765.6		2							
13.558	13.940	EB/WB	2,016.96		5042.4	5042.4		10							
13.94	13.998	EB/WB	306.24		1071.84	612.48		1			36	11			REPLACE EXISTING CROSSWALK WITH MIDDLEBLOCKS; 36' STOP BAR
13.998	14.038	EB/WB	211.20		950.4	422.4		3			48				48' STOP BAR
14.038	14.399	EB/WB	1,906.08		4765.2	4765.2		8							
14.399	14.437	EB/WB	200.64		501.6	802.56	54								
14.437	14.46	EB/WB	121.44		425.04	485.76	42	1							
14.46	14.588	EB/WB	675.84		1689.6	2703.36	295								
14.588	14.628	EB/WB	211.20		1161.6	844.8	96	6							
14.628	14.678	EB/WB	264.00		1650	1056	12	3			48	14			REPLACE EXISTING CROSSWALK WITH MIDDLEBLOCKS; 48' STOP BAR
14.678	14.718	EB/WB	211.20		950.4	422.4		1			36	12			REPLACE EXISTING CROSSWALK WITH MIDDLEBLOCKS; 36' STOP BAR
14.718	14.761	EB/WB	227.04		1021.68	454.08		2			51				51' WHITE CHEVRONS
14.761	14.8	EB/WB	205.92		720.72	411.84		1							
14.8	14.92	EB/WB	633.60		1584	1267.2									
14.92	15.111	EB/WB	1,008.48	2016.96	2521.2										
15.111	15.161	EB/WB	264.00	528	1188			3			48				48' STOP BAR
15.161	15.208	EB/WB	248.16	496.32	930.6			1			36	15			REPLACE EXISTING CROSSWALK WITH MIDDLEBLOCKS; 36' STOP BAR
15.208	15.241	EB/WB	174.24	348.48	435.6										
15.241	15.26	EB/WB	100.32	200.64	351.12			1			36				36' STOP BAR
15.26	15.3	EB/WB	211.20	422.4	897.6			1			36				36' STOP BAR
15.3	15.42	EB/WB	633.60	1267.2	1584						24				24' STOP BAR
15.42	15.45	EB/WB	158.40	316.8	554.4			1			36				36' STOP BAR
15.45	15.851	EB/WB	2,117.28	4234.56	5293.2										
15.851	15.920	EB/WB	364.32		1730.52	728.64		2			111				36' STOP BAR; 75' WHITE CHEVRONS
SUBTOTAL				9,831.36	77,707.08	54,191.28	1186	112	0	0	1434	92	0	0	
PAY SUBTOTAL	1			9,832	77,708	54,192	1186	112	0	0	1434	92	0	0	

SEE SHEET 10 OF 12 FOR TOTALS



DATE PREPARED  
8/21/2024  
ROUTE 40 STATE MO  
DISTRICT KC SHEET NO. 3

COUNTY JACKSON  
JOB NO. JKU0074  
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)

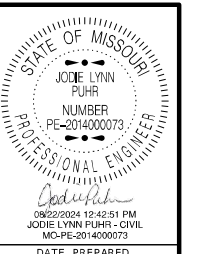


PAVEMENT MARKING 2

Table with columns: LOG MILE, LOG MILE, DIRECTION, LENGTH LF, 6" YELLOW HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF, 6" WHITE HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF, 4" YELLOW HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF, 24" YELLOW HB WATERBORNE PAVEMENT MARKING LF, PREFORMED THERMO. PAVEMENT MARKING LT/RT ARROW EACH, PREF. THERMO. PM COMBINATION STR/LT/RT ARROW EACH, PREFORMED THERMO. PAVEMENT MARKING WORD "ONLY" EACH, PREF. THERMO. PM 24" WHITE STOP BAR LF, PREF. THERMO. PM 30" WHITE MIDBLOCK EACH, 12" WHITE HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF, PREF. THERMO. PM STR ARROW EACH, REMARKS.

SEE SHEET 10 OF 12 FOR TOTALS

SUMMARY OF QUANTITIES SHEET 8 OF 12



DATE PREPARED 8/21/2024
ROUTE 40 STATE MO
DISTRICT KC SHEET NO. 3
COUNTY JACKSON
JOB NO. JKU0074
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

Table with columns: DESCRIPTION, DATE

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

PAVEMENT MARKING SIDE STREETS

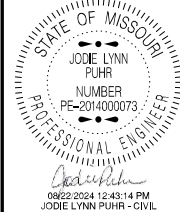
LOG MILE	DIRECTION	SIDE OF ROAD	6" YELLOW HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	6" WHITE HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	4" YELLOW HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	24" YELLOW HB WATERBORNE PAVEMENT MARKING LF	PREFORMED THERMO. PAVEMENT MARKING LT/RT ARROW EACH	PREF. THERMO. PM COMBINATION STR/LT/RT ARROW EACH	PREFORMED THERMO. PAVEMENT MARKING WORD "ONLY" EACH	PREF. THERMO. PM 24" WHITE * LF	PREF. THERMO. PM 30" WHITE MIDBLOCK EACH	12" WHITE HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	PREF. THERMO. PM STR ARROW EACH	REMARKS
12.018	EB/WB	S												CRYSLER AVE
12.018	EB/WB	N									6			CRYSLER AVE
12.299	EB/WB	S								12				S BEARLY RD
12.359	EB/WB	N								12				S RIVER BLVD
12.658	EB/WB	S		65	72		2			24				E 47TH ST
12.958	EB/WB	N								26				WASHINGTON ST
13.178	EB/WB	N		345			2			46				NOLAND RD
13.178	EB/WB	S		643	480	84				36				NOLAND RD
13.598	EB/WB	N								12				FREEMONT RD
14.678	EB/WB	N		610	240		3			36	17			LEE'S SUMMIT RD
14.678	EB/WB	S		698	140					50	17			LEE'S SUMMIT RD
15.161	EB/WB	N		28	56		1	1		26				SHRANK
15.161	EB/WB	S		40	80		1	1		30				SHRANK
15.92	EB/WB	S		14							11			CLIFF AVE
16.23	EB/WB	S								36				45TH ST
16.285	EB/WB	S		78	156		1			60				ARROWHEAD DR
16.285	EB/WB	N		436			3			36				ARROWHEAD DR
16.38	EB/WB	S								16				48TH ST
16.59	EB	N		425	208	32	2			48				LITTLE BLUE
16.65	EB	S								12				FAIRVIEW
19.418	EB	S		448	170		2						1	WOODS CHAPEL
19.905	EB	-		944	656		4			36				WOODS CHAPEL BETWEEN EB & WB 40
20.67	EB	-								36				19TH BETWEEN EB & WB 40
20.67	EB	S		98	196		1	1		48				19TH ST
20.926	EB	S		148	188		2			24				15TH ST
21.178	EB	S		180	140		1	1		24				LUTELL
234.962	WB	N		210	76		1			36				15TH ST
237.964	WB	N								24				POWELL AVE
22.138	EB/WB	S		140	80					12				SE MOORE
23.077	EB/WB	N								28				SE TIMBERCREEK
<b>SUBTOTAL</b>			0.00	5,550.00	2,938.00	116	26	4	0	786	51	0	1	
<b>PAY SUBTOTAL 2</b>			0	5,550	2,938	116	26	4	0	786	51	0	1	

SEE SHEET 10 OF 12 FOR TOTALS

\* ALL 24" WHITE PM ON SIDE STREETS ARE STOP BARS

OPTIONAL SIGNAL DETECTORS

LOG MILE	LOCATION	APPROACH	OPTIONAL TRAFFIC SIGNAL DETECTORS EACH APPROACH	REMARKS
12.958	WASHINGTON & US 40	EB 40	1	
12.958	WASHINGTON & US 40	WB 40	1	
12.958	WASHINGTON & US 40	NB WASHINGTON	1	
12.958	WASHINGTON & US 40	SB WASHINGTON	1	
13.178	NOLAND RD & US 40	EB 40		UIP VIDEO
13.178	NOLAND RD & US 40	WB 40		UIP VIDEO
13.178	NOLAND RD & US 40	SB NOLAND		UIP VIDEO
13.178	NOLAND RD & US 40	NB NOLAND	1	
13.438	S HOCKER RD & US 40	EB 40		UIP VIDEO
13.438	S HOCKER RD & US 40	WB 40		UIP VIDEO
13.438	S HOCKER RD & US 40	NB HOCKER	1	
13.438	S HOCKER RD & US 40	SB HOCKER	1	
15.161	SHRANK DR & US 40	EB 40		UIP VIDEO
15.161	SHRANK DR & US 40	WB 40		UIP VIDEO
15.161	SHRANK DR & US 40	NB SHRANK	1	
15.161	SHRANK DR & US 40	SB SHRANK	1	
15.26	HIGHLAND DR & US 40	EB 40		UIP VIDEO
15.26	HIGHLAND DR & US 40	WB 40		UIP VIDEO
15.26	HIGHLAND DR & US 40	NB HIGHLAND	1	
21.178	10TH/LUTRELL RD & US 40	EB 40		UIP VIDEO
21.178	10TH/LUTRELL RD & US 40	WB 40		UIP VIDEO
21.178	10TH/LUTRELL RD & US 40	NB LUTRELL	1	
21.178	10TH/LUTRELL RD & US 40	SB 10TH	1	
<b>PAY TOTAL</b>			12	



DATE PREPARED  
**8/21/2024**

ROUTE <b>40</b>	STATE <b>MO</b>
DISTRICT <b>KC</b>	SHEET NO. <b>3</b>

COUNTY  
**JACKSON**

JOB NO.  
**JKU0074**

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 3 & TOTALS																
LOG MILE	LOG MILE	DIRECTION	LENGTH LF	6" YELLOW HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	6" WHITE HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	4" YELLOW HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	24" YELLOW PREFORMED THERMO PAVEMENT MARKING LF	PREFORMED THERMO. PAVEMENT MARKING LT/RT ARROW EACH	PREF. THERMO. PM COMBINATION STR/LT/RT ARROW EACH	PREFORMED THERMO. PAVEMENT MARKING WORD "ONLY" EACH	PREF. THERMO. PM 24" WHITE STOP BAR LF	PREF. THERMO. PM 30" WHITE MIDBLOCK EACH	12" WHITE HB WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	PREF. THERMO. PM STR ARROW EACH	REMARKS	
21.435	21.458	EB/WB	121.44		516.12	242.88		2			36				36' STOP BAR	
21.458	21.478	EB/WB	105.60		264	211.2		1								
21.478	21.505	EB/WB	142.56		641.52	285.12		2								
21.505	21.54	EB/WB	184.80		646.8	554.4		1								
21.54	21.566	EB/WB	137.28		446.16	549.12	54	1					34			
21.566	21.679	EB/WB	596.64		1342.44	2386.56	144						149			
21.679	21.739	EB/WB	316.80		1346.4	633.6		4		2	36				36' STOP BAR	
21.739	21.791	EB/WB	274.56		1098.24	549.12		2			36					
21.791	21.830	EB/WB	205.92		411.84	823.68	32									
21.83	22.05	EB/WB	1,161.60		2323.2	2323.2										
22.05	22.1	EB/WB	264.00		528	1056	42									
22.1	22.138	EB/WB	200.64		802.56	401.28		4			24				24' STOP BAR	
22.138	22.188	EB/WB	264.00		792	528		2			24				24' STOP BAR	
22.188	22.279	EB/WB	480.48		960.96	1921.92	122									
22.279	22.319	EB/WB	211.20		633.6	422.4		2								
22.319	22.369	EB/WB	264.00		792	1056	56	2								
22.369	22.439	EB/WB	369.60		739.2	1478.4	90									
22.439	22.510	EB/WB	374.88		1499.52	749.76		4			36				36' STOP BAR	
22.51	22.558	EB/WB	253.44		1013.76	506.88		4			36				36' STOP BAR	
22.558	22.678	EB/WB	633.60		1267.2	2534.4	124									
22.678	23.030	EB/WB	1,858.56		3717.12	3717.12										
23.03	23.077	EB/WB	248.16		744.48	496.32		1								
23.077	23.937	EB/WB	4,540.80		9081.6	9081.6										
23.937	23.987	EB/WB	264.00		1056	528					44				44' WHITE CHEVRONS	
23.987	24.040	EB/WB	279.84		1119.36	1119.36	50	2			96				96' WHITE CHEVRONS	
24.04	24.086	EB/WB	242.88		728.64	485.76		2								
24.086	24.177	EB/WB	480.48		960.96	1921.92	80									
24.177	24.467	EB/WB	1,531.20		3062.4	3062.4										
24.467	24.554	EB/WB	459.36		918.72	1837.44	32									
24.554	24.586	EB/WB	168.96		506.88	337.92		2			12				12' STOP BAR	
24.586	24.660	EB/WB	390.72		781.44	1562.88	50									
24.66	24.954	EB/WB	1,552.32		3104.64	3104.64										
24.954	25.010	EB/WB	295.68		591.36	1182.72	62									
25.01	25.036	EB/WB	137.28		411.84	549.12	48	1								
25.036	25.077	EB/WB	216.48		649.44	432.96		1			12				12' STOP BAR	
25.077	25.197	EB/WB	633.60		1267.2	2534.4	58									
SUBTOTAL					0.00	46,767.60	51,168.48	1044	40	0	2	392	0	183	0	
PAY SUBTOTAL 3					0	46,768	51,169	1044	40	0	2	392	0	183	0	
PAY SUBTOTAL 1					9,832	77,708	54,192	1186	112	0	0	1434	92	0	0	
PAY SUBTOTAL 2					47,008	87,196	11,490	34	68	2	0	880	0	0	0	
PAY SIDE STREETS					0	5,550	2,938	116	26	4	0	786	51	0	1	
PAY TOTAL					56,840	217,222	119,789	2,380	246	6	2	3,492	143	183	1	

BITUMINOUS RUMBLE STRIP					
LOG MILE	LOG MILE	DIRECTION	SHOULDER RUMBLE STRIP STA	CENTERLINE RUMBLE STRIP STA	REMARKS
17.200	19.780	EB 40	272.45		EAST FORK LITTLE BLUE RIVER TO 0.12 MI EAST OF BURRIS RD.
236.030	238.510	WB 40	261.89		FROM 0.26 MI EAST OF ADAM'S DAIRY RD TO 0.13 MI WEST OF KIRBY RD.
22.760	24.900	EB/WB 40	225.98	112.99	FROM 0.06 MI WEST OF SW WOOD'S CHAPEL RD N TO 0.30 MI EAST OF VALLEY VIEW RD.
TOTAL			760.32	112.99	
PAY TOTAL			761	113	

PAVEMENT REPAIR						
DIRECTION	NUMBER OF 12' X 6' FULL DEPTH PATCHES	FURNISHING AND PLACING CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR SY	SUBGRADE COMPACTION (6IN DEPTH) (PAV'T REPAIR) SY	TYPE 1 OR 5 AGG FOR BASE (4IN THICK) (PAV'T REPAIR) SY	FULL DEPTH PAV'T REPAIR SAW CUT LF	DOWEL BAR (DRILLING FURNISHING AND INSTALLATION) (PAV'T REPAIR) EA
EB 40	38	304	30	30	1,368	760
WB 40	40	320	32	32	1,440	800
PAY TOTAL		624	62	62	2,808	1,560

SUMMARY OF QUANTITIES  
SHEET 10 OF 12

STATE OF MISSOURI  
JODIE LYNN PUHR  
NUMBER PE-2014000073  
PROFESSIONAL ENGINEER  
08/22/2024 12:43:39 PM  
JODIE LYNN PUHR - CIVIL  
MO-PE-2014000073

DATE PREPARED  
8/21/2024

ROUTE 40 STATE MO  
DISTRICT KC SHEET NO. 3

COUNTY JACKSON  
JOB NO. JKU0074  
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)



SIGNS				CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *				PIPE POSTS *				BACKING BARS **				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE											REMARKS AND OTHER REQUIRED ITEMS		
902 SIGNAL SIGNS TABULATED ON D-37A SHEET					ITEM NO. 9031010 CY	POST DES NO.	POST NO. 1	POST NO. 2	POST NO. 3	LBS PER FT	TOTAL ITEM NO. 9031210 LBS	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO. 9031220 LBS		2 IN. POST			ANCHORS				2.5 IN. POST			BREAK-AWAY ASSEMBLY			
SIGN NO.	SIGN SIZE	LOG MILE (APPROX) SEE SHEET 20	HORZ CLEAR IF NOT STD	LOCATION													SIGN DTL. SHT. NO.	NO.	LGTH	TOTAL	TOTAL	ITEM NO. 9031270A	ITEM NO. 9031271A	ITEM NO. 9031273A	ITEM NO. 9031274	POST NO. 1	POST NO. 2		TOTAL	2.25" INSERT (6 FT)	DRIVEN 7-GA.
1	48"X30"	21.685		EB 40												11.5	11.5	23	2												POST LENGTHS TO BE FIELD MEASURED
2	30"X36"	21.718		EB 40												12		12	1												POST LENGTHS TO BE FIELD MEASURED
3	VAR	21.647		EB 40												11.25		11.25	1												POST LENGTHS TO BE FIELD MEASURED
SUBTOTAL																		46.25	4												
TOTAL																		46	4												

\* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.  
 \*\* BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

STRUCTURAL STEEL POST AND FOOTING DATA TABLE													
POST DES. NO.	NOM. SIZE	WEIGHT		STUB LENGTH	DIA.	FOOTING							
		LBS/FT	LBS/IN			DEPTH	C.Y.	6:1 GRADE		4:1 GRADE		3:1 OR 2:1 GRADE	
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

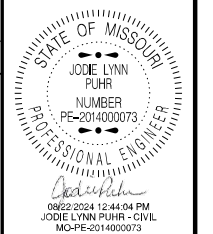
ROUND PIPE POST AND FOOTING DATA TABLE						
NOM. SIZE	WEIGHT	STUB LENGTH		FOOTING		
(IN.)	LBS/FT	LBS/IN	LENGTH	DIA.	DEPTH	C.Y.
2 1/2	5.79	0.48	4'- 3/4"	12"	4-6"	0.13
4	10.79	0.90	5'- 3/4"	18"	5-6"	0.36

D-29

STANDARD SIGN ASSEMBLIES										SIGN SUMMARY													
SIGN NUMBER	STATION	LOCATION	TYPE							STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET										
			SH	SH	SH	SH							SIZE	FLAT SHEET SH	FLAT SHEET FLUORESCENT SHF *	STRUCTURAL ST	STRUCTURAL FLUORESCENT STF *						
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH										ITEM NO. 9035004A	ITEM NO. 9035069A	ITEM NO. 9035011A	ITEM NO. 9035071A							
1																							
2																							
3																							
											TOTAL	24											

\* ORANGE, YELLOW & YELLOW/GREEN

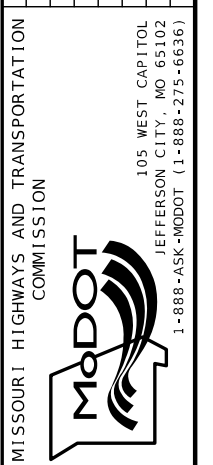
D-30



DATE PREPARED  
 8/21/2024  
 ROUTE 40 STATE MO  
 DISTRICT KC SHEET NO. 3  
 COUNTY JACKSON  
 JOB NO. JKU0074  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DESCRIPTION

DATE



SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	QTY RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NUM.	DESCRIPTION
<b>WARNING SIGNS</b>								
W01-1L	48X48	16.00						TURN (SYMBOL LEFT)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
W01-4L	48X48	16.00	2	32				REVERSE CURVE (SYMBOL LEFT)
W01-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
W01-8	18X24	3.00						CHEVRON (SYMBOL)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
W03-4	48X48	16.00	4	64				BE PREPARED TO STOP
W03-5	48X48	16.00						SPEED LIMIT AHEAD
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
W04-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
W04-1aL	48X48	16.00	2	32				MERGE (LEFT)
W04-1aR	48X48	16.00	2	32				MERGE (RIGHT)
W05-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
W05-3	48X48	16.00						ONE LANE BRIDGE
W05-5	48X48	16.00	5	80				NARROW LANES
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
W07-3a	30X24	5.00	4	20				NEXT XX MILES (PLAQUE)
W08-1	48X48	16.00						BUMP
W08-2	48X48	16.00						DIP
W08-3	48X48	16.00						PAVEMENT ENDS
W08-4	48X48	16.00						SOFT SHOULDER
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
W08-6	48X48	16.00						TRUCK CROSSING
W08-6c	48X48	16.00						TRUCK ENTRANCE
W08-7	36X36	9.00						LOOSE GRAVEL
W08-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
W08-9	48X48	16.00						LOW SHOULDER
W08-11	48X48	16.00	8	128				UNEVEN LANES
W08-12	48X48	16.00						NO CENTER LINE
W08-15	48X48	16.00						GROOVED PAVEMENT
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
W08-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
W08-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
W016-2	30X24	5.00						XXX FEET (PLAQUE)
W016-3	30X24	5.00						X MILE (PLAQUE)
W020-1	48X48	16.00	48	768				ROAD/BRIDGE/RAMP WORK AHEAD
W020-2	48X48	16.00						DETOUR AHEAD
W020-3	48X48	16.00						ROAD CLOSED AHEAD
W020-4	48X48	16.00	4	64				ONE LANE ROAD AHEAD
W020-5	48X48	16.00	8	128				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
W020-6a	48X48	16.00	4	64				RIGHT/CENTER/LEFT LANE CLOSED
W020-7a	48X48	16.00	10	160				FLAGGER (SYMBOL)
W021-2	36X36	9.00						FRESH OIL
W021-5	48X48	16.00	4	64				SHOULDER WORK / SHOULDER WORK AHEAD
W022-1	48X48	16.00						BLASTING ZONE AHEAD
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
W022-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19	4	8.76				WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	QTY RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NUM.	DESCRIPTION
<b>GUIDE SIGNS</b>								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	4	40				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	4	32				END ROAD WORK
GO20-4	36X18	4.50	2	9				PILOT CAR FOLLOW ME
GO20-4a	24X18	3.00	6	18				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	3	4.5				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	15	90				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
<b>REGULATORY SIGNS</b>								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	14	168				SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25	3	18.75				LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	4	25				RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD
R11-4	60X30	12.50						LOCAL TRAFFIC ONLY
CONST-3A	60X48	20.00						ROAD CLOSED TO THRU TRAFFIC
CONST-3X	56X12	4.67						FINE SIGN
								SPEEDING/PASSING (PLATE)
<b>MISCELLANEOUS SIGNS</b>								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	2	64				POINT OF PRESENCE
CONST-8	48X36	12.00	4	48				WORK ZONE NO PHONE ZONE
616-10.05	TOTAL							
CONSTRUCTION SIGNS	2163							
616-10.10	TOTAL							
RELOCATED SIGNS	0							

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161008	49	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	350	CHANNELIZER (TRIM LINE)
6161030	30	TYPE III MOVEABLE BARRICADE
6161033	64	DIRECTION INDICATOR BARRICADE
6161040	5	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055	64	SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A	8	CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

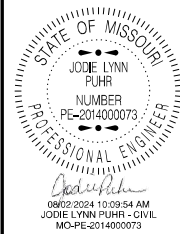
STATE OF MISSOURI  
 JOE LYNN PUHR  
 NUMBER PE-2014000073  
 PROFESSIONAL ENGINEER  
 DATE PREPARED 8/21/2024  
 ROUTE 40 STATE MO  
 DISTRICT KC SHEET NO. 3  
 COUNTY JACKSON  
 JOB NO. JKU0074  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



DATE PREPARED  
**8/1/2024**

ROUTE 40 STATE MO

DISTRICT KC SHEET NO. 4

COUNTY JACKSON

JOB NO. JKU0074


CONTRACT ID.

PROJECT NO.

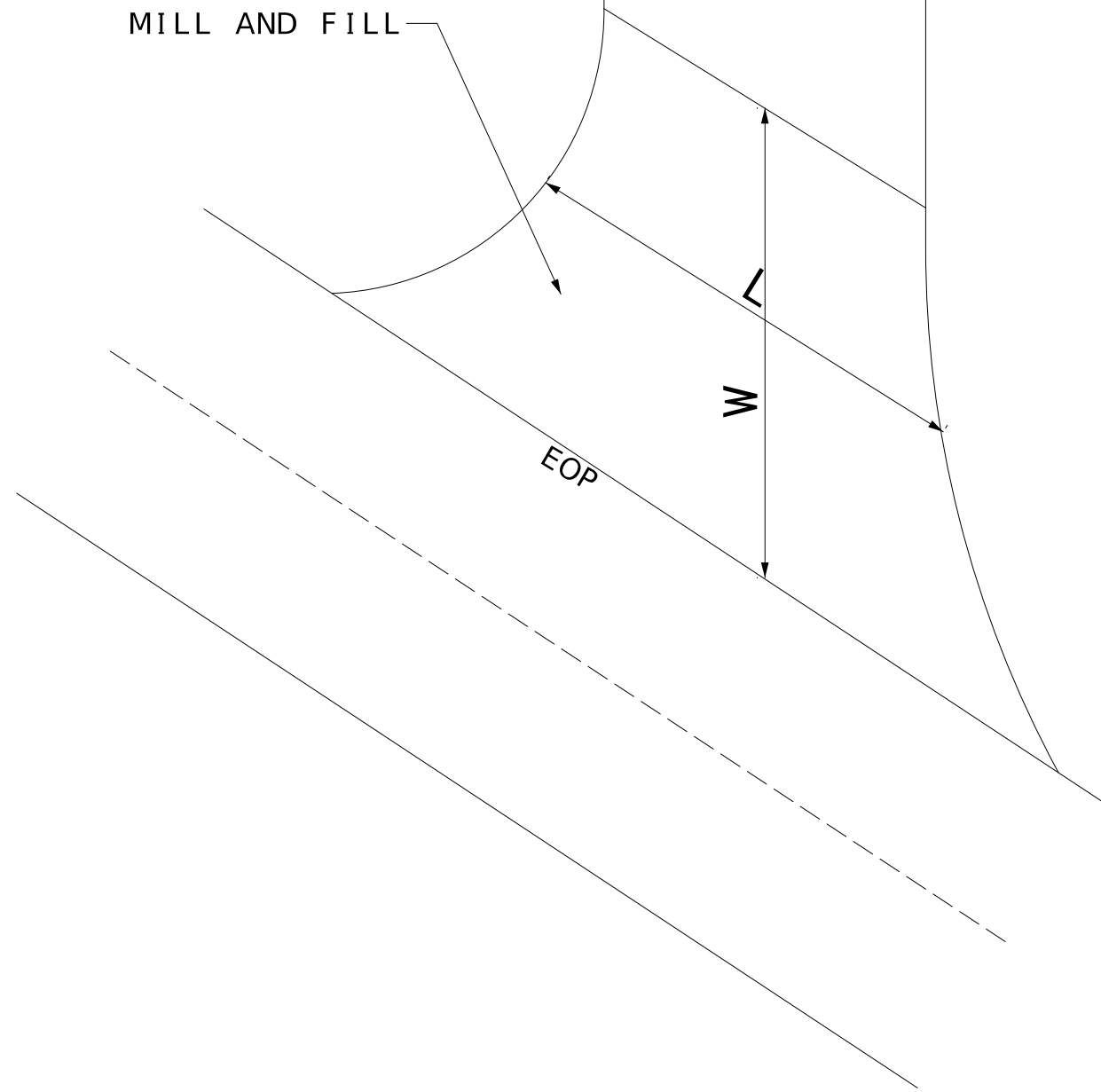
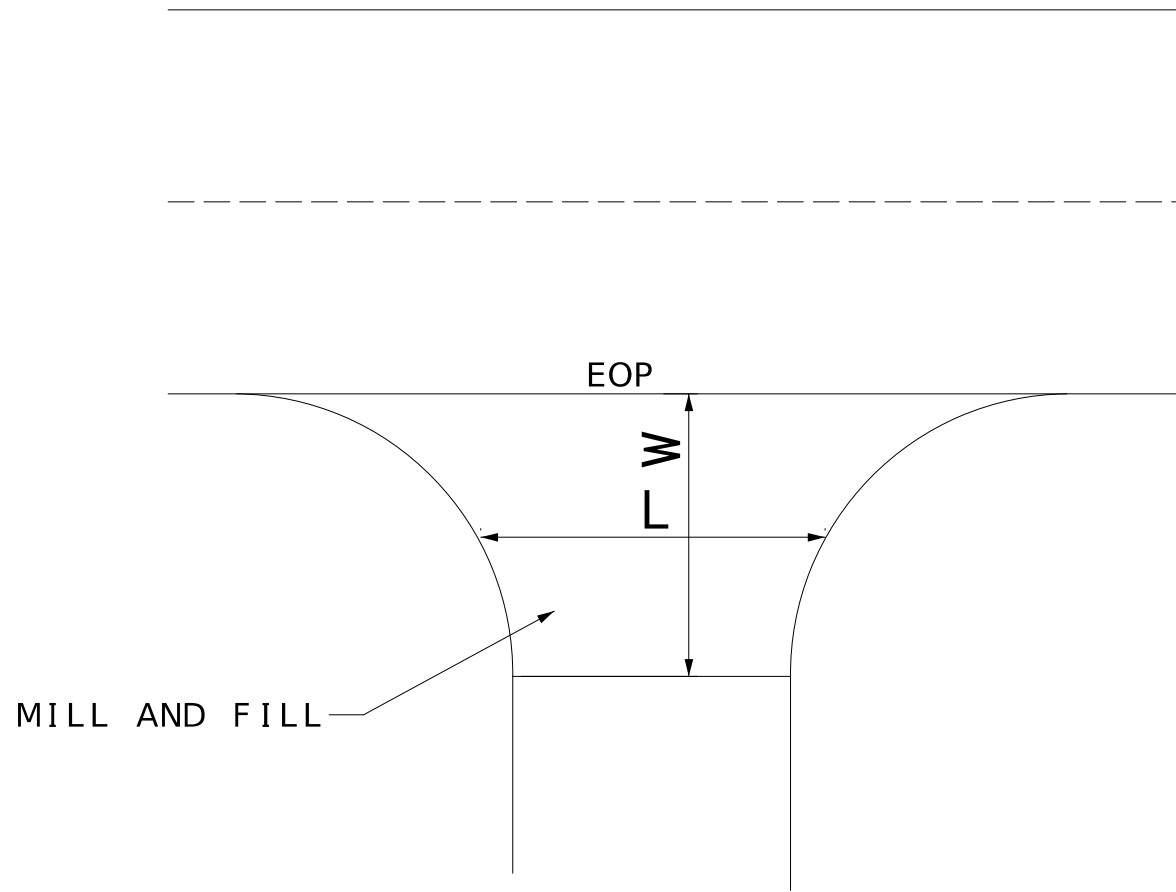
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)



NOT TO SCALE

SPECIAL SHEET  
SIDE STREET LIMITS AND DIMENSIONS  
SHEET 1 OF 1

# Sign Spacing, Device Spacing and Channelizing Taper Lengths

SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2)		
SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	SA-1000 SB-1500 SC-2640

LONGITUDINAL BUFFER SPACE (B)	
SPEED MPH	BUFFER SPACE
0-35	250
40-45	360
50-55	495
60-70	730

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	40
40-45	450	495	540	40	80
50-55	550	605	660	50	80
60-70	700	770	840	60	120

TAPER LENGTH (L):  
 $L = WS$  FOR 40 MPH OR MORE  
 $L = \frac{WS^2}{60}$  FOR 35 MPH OR LESS  
 FOR SHOULDER TAPER USE L/3

WHERE:  
 L = TAPER LENGTH IN FEET  
 W = LATERAL SHIFT IN FEET  
 S = POSTED SPEED IN MPH

**NOTES:**









- DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.
- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION
  - (2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

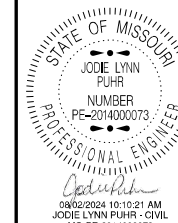
## TRAFFIC CONTROL DEVICES

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

TRAFFIC CONTROL LEGEND

-  SIGN (SINGLE SIDED)
-  SIGN (DOUBLE SIDED)
-  FLAGGER
-  DIRECTIONAL INDICATOR BARRICADE
-  CHANNELIZER
-  BARRICADE
-  CHANGEABLE MESSAGE BOARD
-  TRUCK MOUNTED ATTENUATOR W/ FLASHING ARROW



DATE PREPARED  
8/1/2024

ROUTE 40 STATE MO

DISTRICT KC SHEET NO. 5

COUNTY JACKSON

JOB NO. JKU0074


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)

END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

BEGINNING OF PROJECT LIMITS; OR INITIAL WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

**WORK ZONE**  
**NO PHONE ZONE**  
SPECIAL

**WORK ZONE**  
**NO PHONE ZONE**  
SPECIAL

**Road Resurfacing**  
**SPRING 2025**

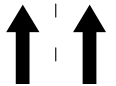
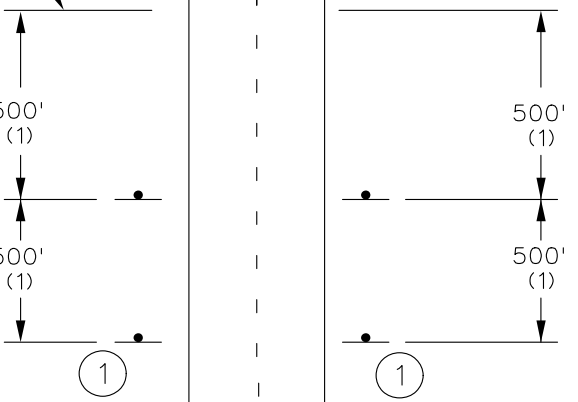
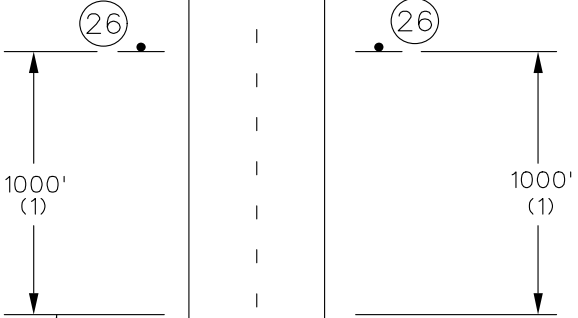
CONST-5-96 (2)

**ROAD WORK**  
**NEXT 14 MILES**

G020-1  
1

**END**  
**ROAD WORK**

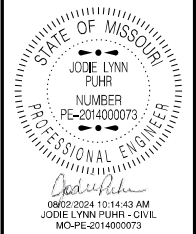
G020-2  
26



MULTI-LANE DIVIDED  
BEGIN/END OF PROJECT SIGNING

NOTES:  
SIGN G020-1 IS REQUIRED  
SIGN G020-2 IS USED ON ALL PROJECTS WHERE SIGN G020-1 IS USED.  
OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.  
ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.  
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.  
(2) SIGN CONST-5-96 IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN G020-1

BEGIN/END  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 2 OF 15

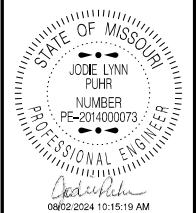


DATE PREPARED  
8/1/2024  
ROUTE 40 STATE MO  
DISTRICT KC SHEET NO. 6  
COUNTY JACKSON  
JOB NO. JKU0074  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

DESCRIPTION	DATE

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





DATE PREPARED  
8/1/2024

ROUTE 40	STATE MO
DISTRICT KC	SHEET NO. 7

COUNTY  
JACKSON

JOB NO.  
JKU0074

CONTRACT ID.

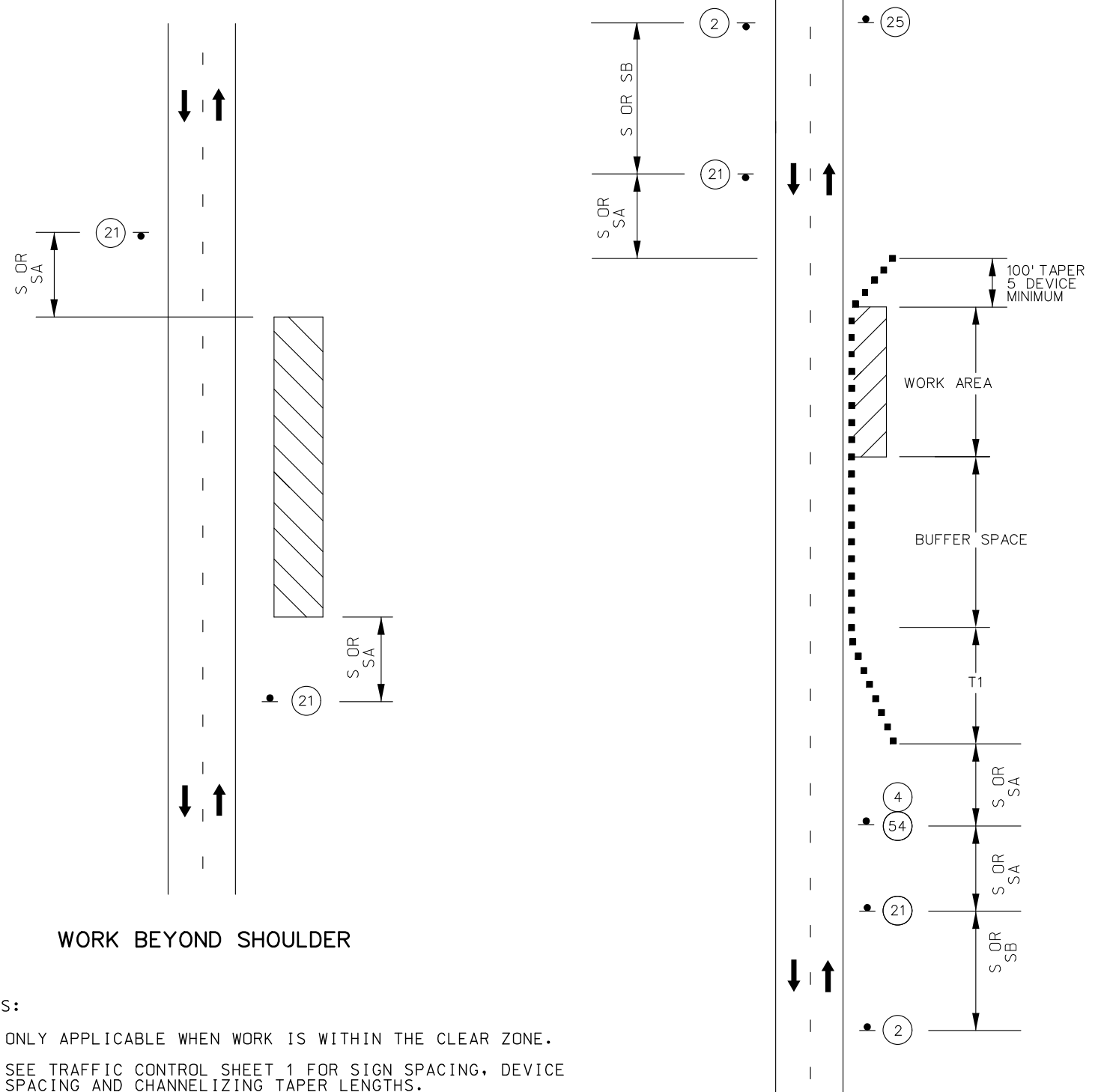
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

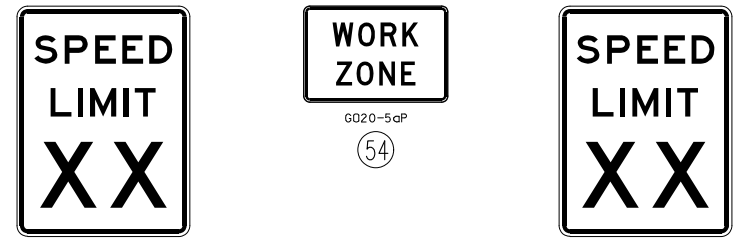
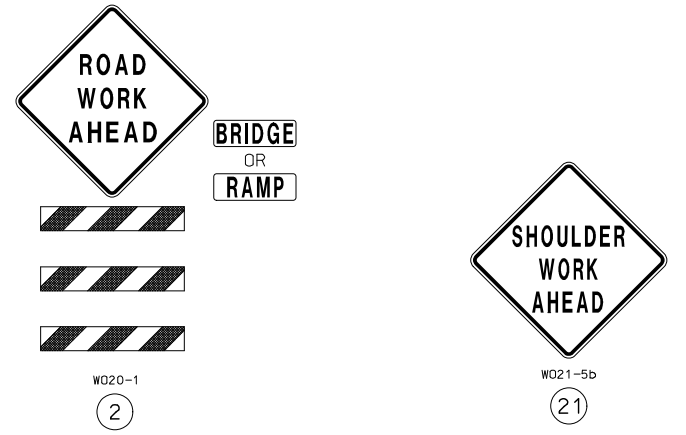
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



**WORK BEYOND SHOULDER**

**SHOULDER WORK WITH NO TRAVELWAY ENCROACHMENT**



"45" WHEN POSTED IS "55"  
"35" WHEN POSTED IS "45"

"45" OR "55"  
AS NECESSARY

- 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.
  - SIGN 2 NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.
  - PROVIDE SIGNS ON LEFT AND RIGHT SIDE OF DIVIDED HIGHWAYS.
  - VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING FLASHING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
  - WHEN PAVED SHOULDERS HAVING A WIDTH OF 8 FEET OR MORE ARE CLOSED, AT LEAST ONE ADVANCE WARNING SIGN SHALL BE USED. IN ADDITION, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND DIRECT VEHICULAR TRAFFIC TO REMAIN WITHIN THE TRAVELED WAY.

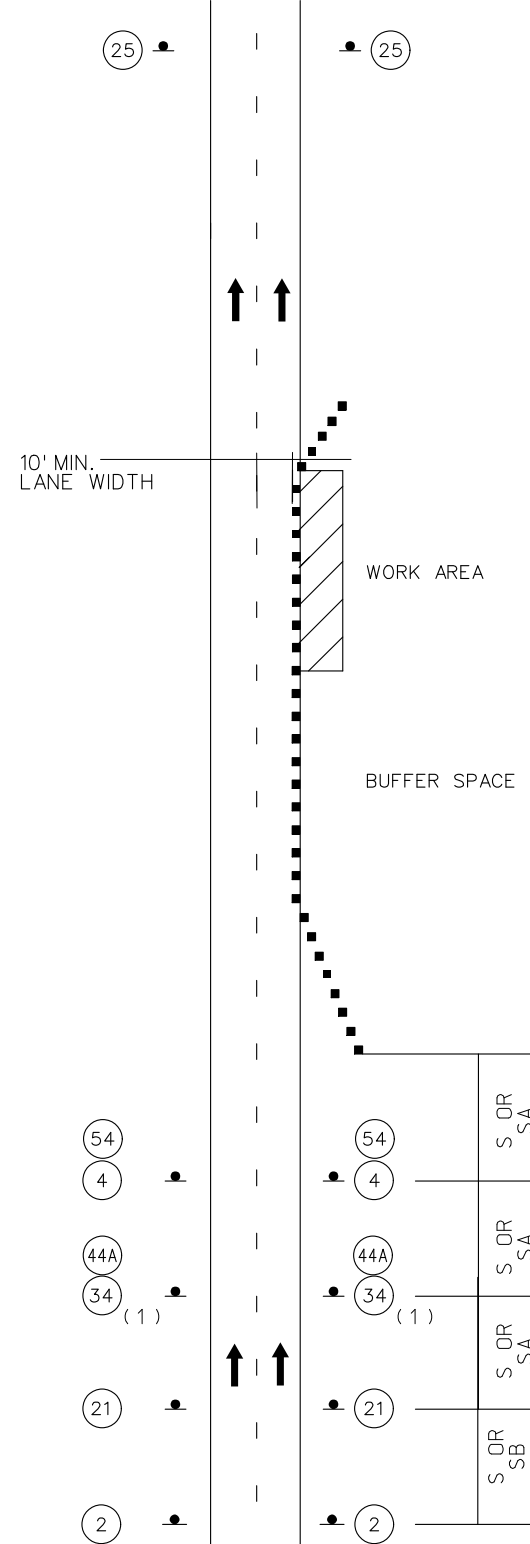
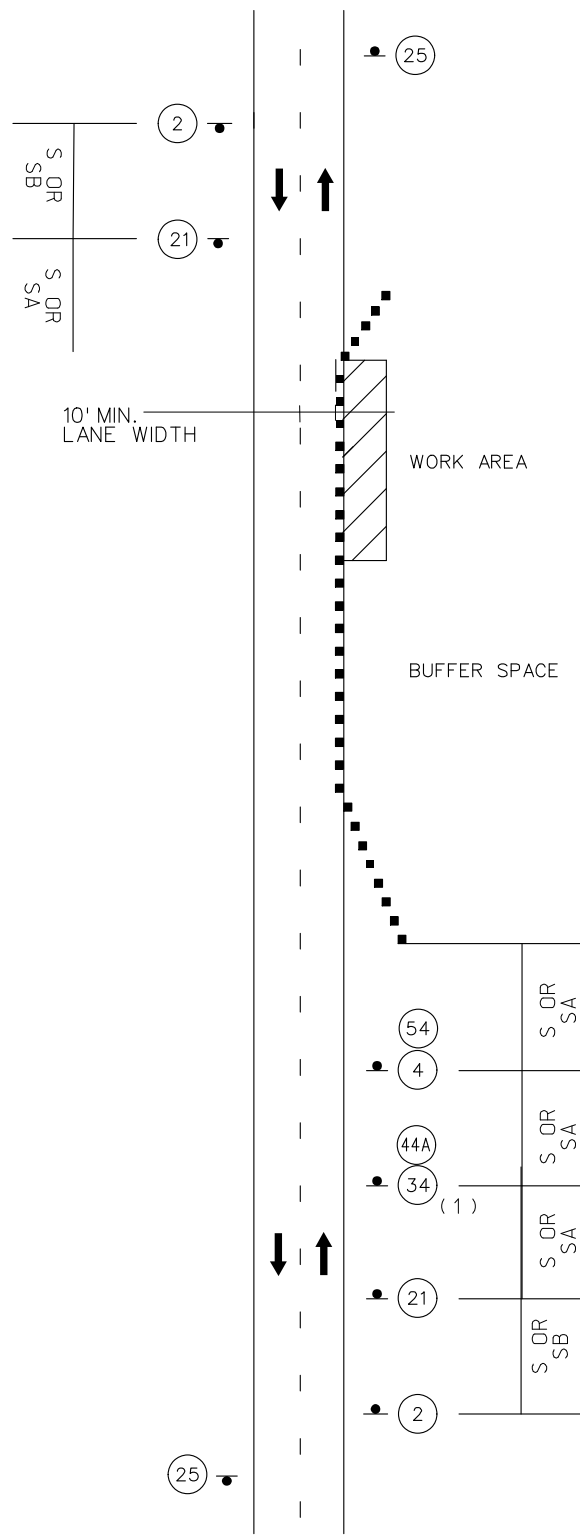
NOTES:

ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.  
SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

ON MULTI-LANE, DIVIDED HIGHWAYS SIGNS ADVISING OF SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.

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





"45" WHEN POSTED IS "55"  
 "35" WHEN POSTED IS "45"

"45" OR "55"  
 AS NECESSARY

**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 NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.
- 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 OBTURED 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 HIGH-INTENSITY ROTATING FLASHING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-DENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- (1). SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

TWO LANE UNDIVIDED  
 SHOULDER WORK  
 MINOR TRAVELWAY ENCROACHMENT

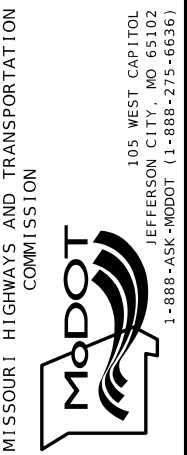
MULTI-LANE DIVIDED  
 SHOULDER WORK  
 MINOR TRAVELWAY ENCROACHMENT

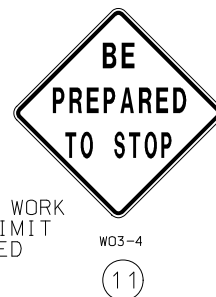
SHOULDER WORK  
 MINOR ENCROACHMENT  
 TEMPORARY  
 TRAFFIC CONTROL  
 SHEET 4 OF 15



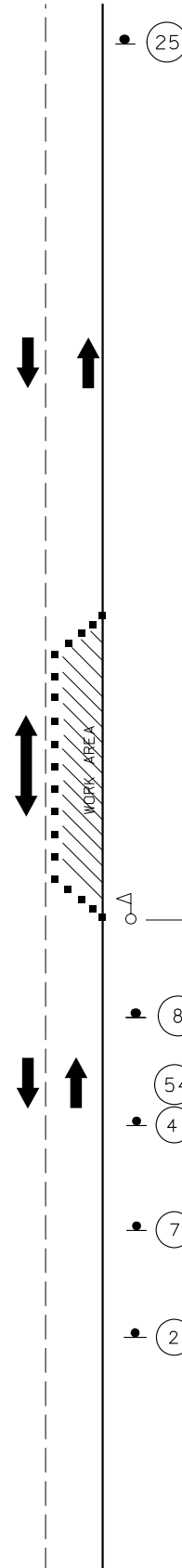
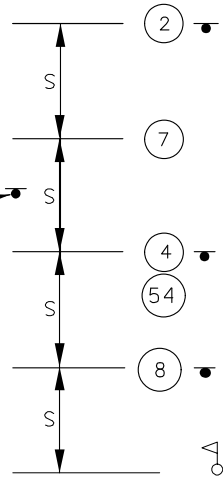
DATE PREPARED	
8/1/2024	
ROUTE	STATE
40	MO
DISTRICT	SHEET NO.
KC	8
COUNTY	
JACKSON	
JOB NO.	
JKU0074	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE



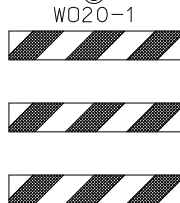


USED WHEN NO WORK ZONE SPEED LIMIT IS ESTABLISHED

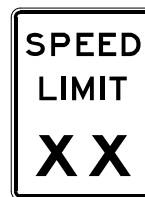


LANE CLOSURE  
ON TWO-LANE  
ROAD USING FLAGGERS

BRIDGE  
OR  
RAMP  
W025-6



(2)



"45" WHEN POSTED IS "55"  
"35" WHEN POSTED IS "45"

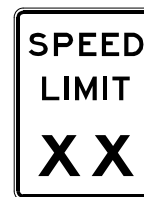
NOTES:

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.

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.

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



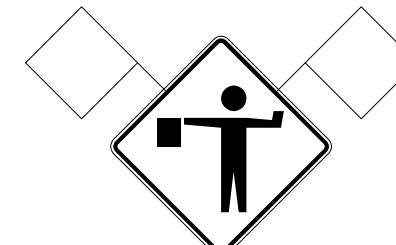
"55" OR "45" AS NECESSARY



(7)



(54)



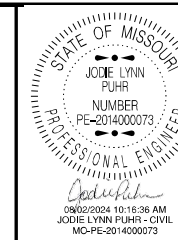
(8)



- FLAGGER



CHANNELIZERS



DATE PREPARED  
8/1/2024

ROUTE 40 STATE MO

DISTRICT KC SHEET NO. 9

COUNTY JACKSON

JOB NO. JKU0074

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)

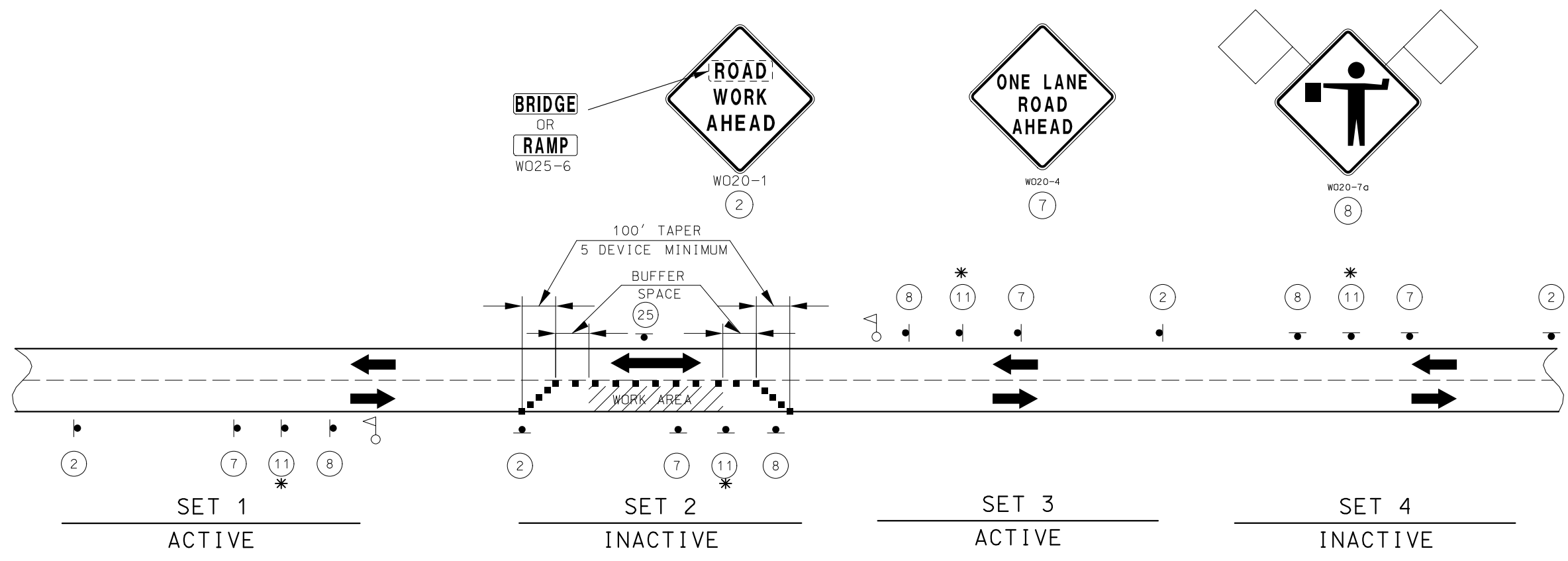
ONE LANE CLOSURE TWO WAY  
FLAGGING CONTROL  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 5 OF 15

STATE OF MISSOURI  
 JODIE LYNN PUHR  
 NUMBER PE-201400073  
 PROFESSIONAL ENGINEER

DATE PREPARED 8/1/2024  
 ROUTE 40 STATE MO  
 DISTRICT KC SHEET NO. 10  
 COUNTY JACKSON  
 JOB NO. JKU0074  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DESCRIPTION

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

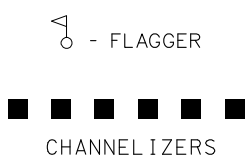


SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

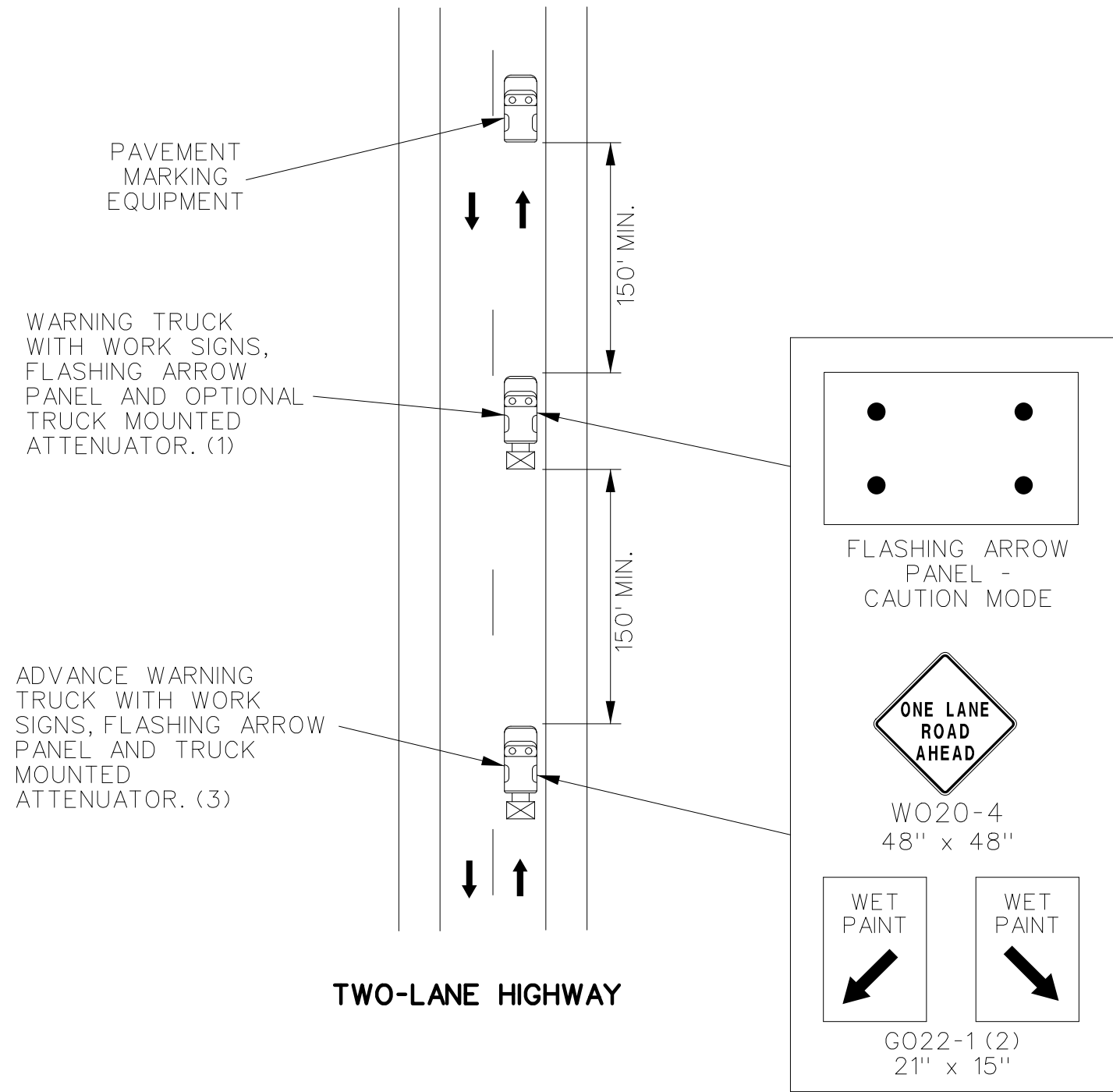
WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SET 2 AND 4, SIGN SET 2 AND 4 BECOME ACTIVE (I.E. NEW SIGN SET 1 AND 3) AND SIGN SET 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E. NEW SIGN SET 2 AND 4).

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.  
 DAYLIGHT FLAGGING OPERATIONS ONLY.  
 CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.



\* NOTE: THIS SIGN IS INSERTED BETWEEN SIGNS 7 & 8 WITH THE SPACING OF 1/2 THE STANDARD SPACING WHEN NO WORK ZONE SPEED LIMIT IS ESTABLISHED.

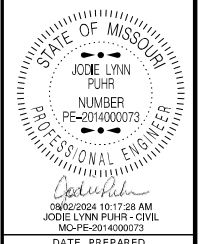
FLAGGER CONTROL  
 RESURFACING  
 ON MOVING OPERATION  
 TEMPORARY  
 TRAFFIC CONTROL  
 SHEET 6 OF 15



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 7 OF 15



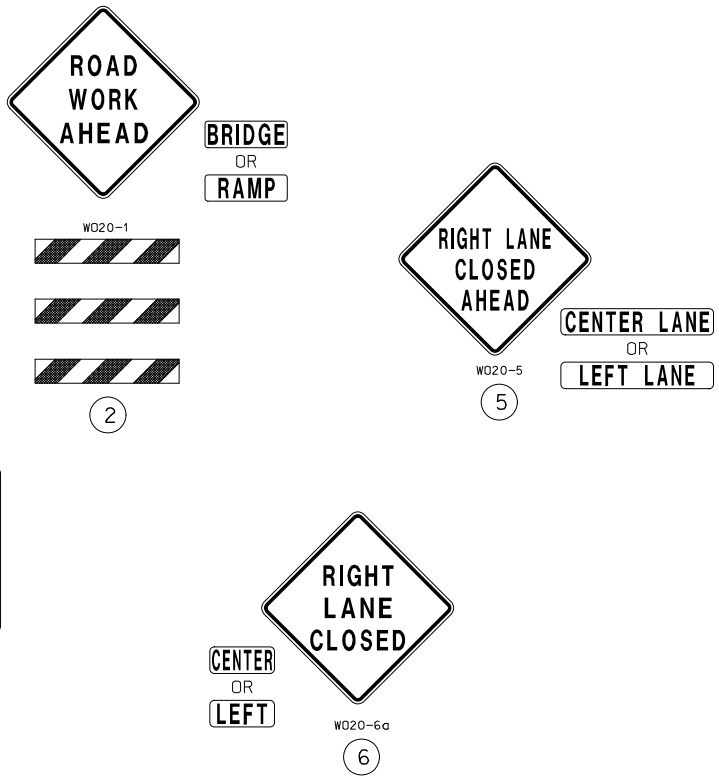
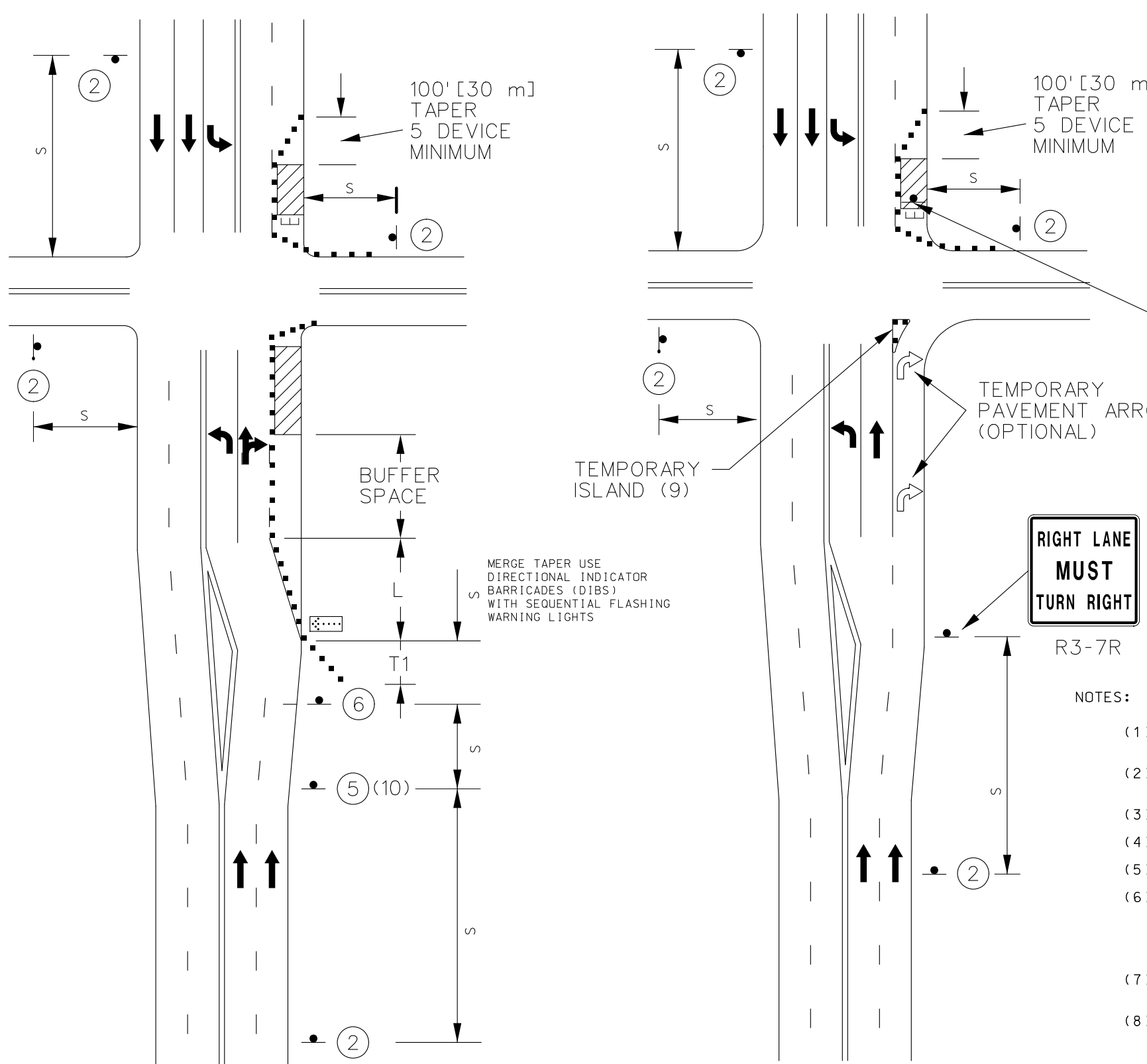
DATE PREPARED  
**8/1/2024**

ROUTE <b>40</b>	STATE <b>MO</b>
DISTRICT <b>KC</b>	SHEET NO. <b>11</b>
COUNTY <b>JACKSON</b>	
JOB NO. <b>JKU0074</b>	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

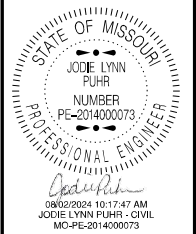
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



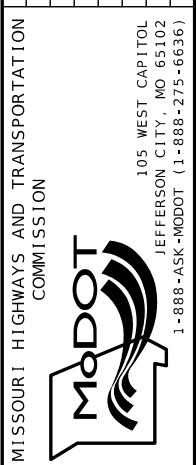
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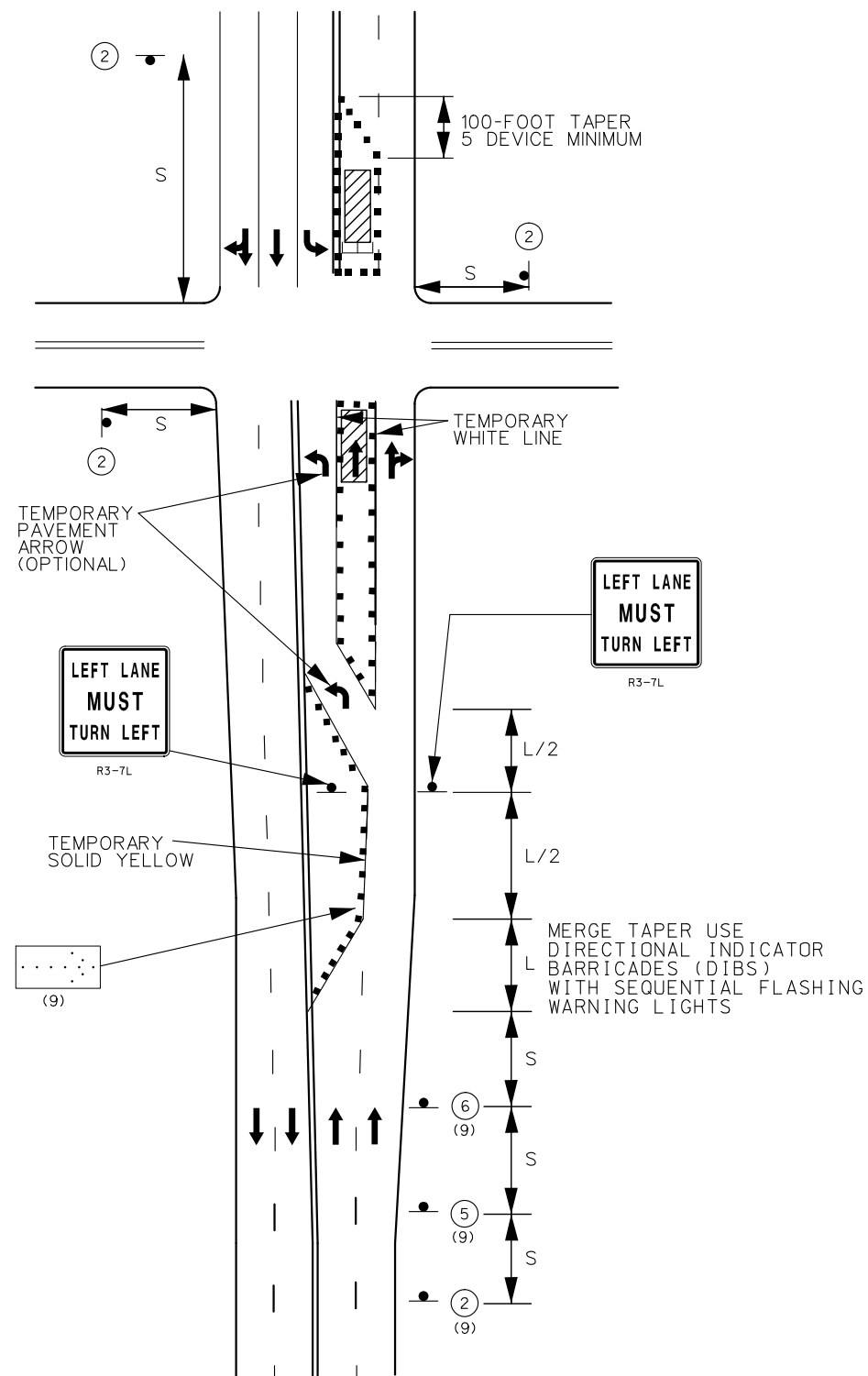
- (1). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (2). FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
- (3). REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- (4). PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
- (5). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- (6). FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10' DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKINGS. ALL OTHER SPACINGS ARE ONE HALF OF THE SPACING SHOWN ON TRAFFIC CONTROL SHEET 1.
- (7). THIS FIGURE ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH VOLUME.
- (8). TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.
- (9). SIGN 5 MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.



DATE PREPARED  
8/1/2024  
ROUTE 40 STATE MO  
DISTRICT KC SHEET NO. 12  
COUNTY JACKSON  
JOB NO. JKU0074  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

DESCRIPTION	DATE

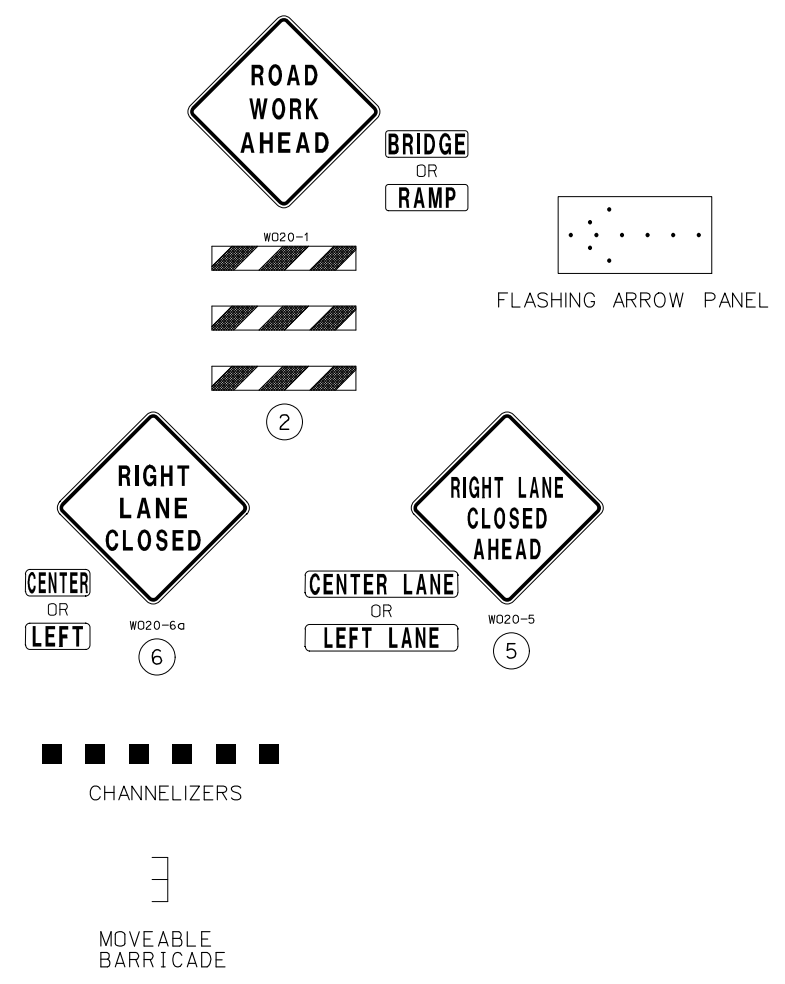




LEFT LANE CLOSURE AT INTERSECTION

NOTE:

- (1). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (2). FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
- (3). REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKINGS AS NEEDED.
- (4). PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
- (5). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- (6). FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FOOT 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.
- (7). "LEFT LANE CLOSED AHEAD" SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
- (8). THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOW THIS PLACEMENT.
- (9). SIGN MAY ALSO BE PLACED IN THE MEDIAN OF THE ROADWAY IF THERE IS SUFFICIENT ROOM BETWEEN EASTBOUND AND WESTBOUND LANES.



LEFT LANE CLOSURE AT INTERSECTION  
TEMPORARY TRAFFIC CONTROL SHEET 9 OF 15

STATE OF MISSOURI  
JOE LYNN FUHR  
NUMBER PE-2014000073  
PROFESSIONAL ENGINEER  
08/02/2024 10:18:14 AM  
JOE LYNN FUHR - CIVIL  
MO-PE-2014000073

DATE PREPARED 8/1/2024

ROUTE 40	STATE MO
DISTRICT KC	SHEET NO. 13

COUNTY JACKSON  
JOB NO. JKU0074  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.

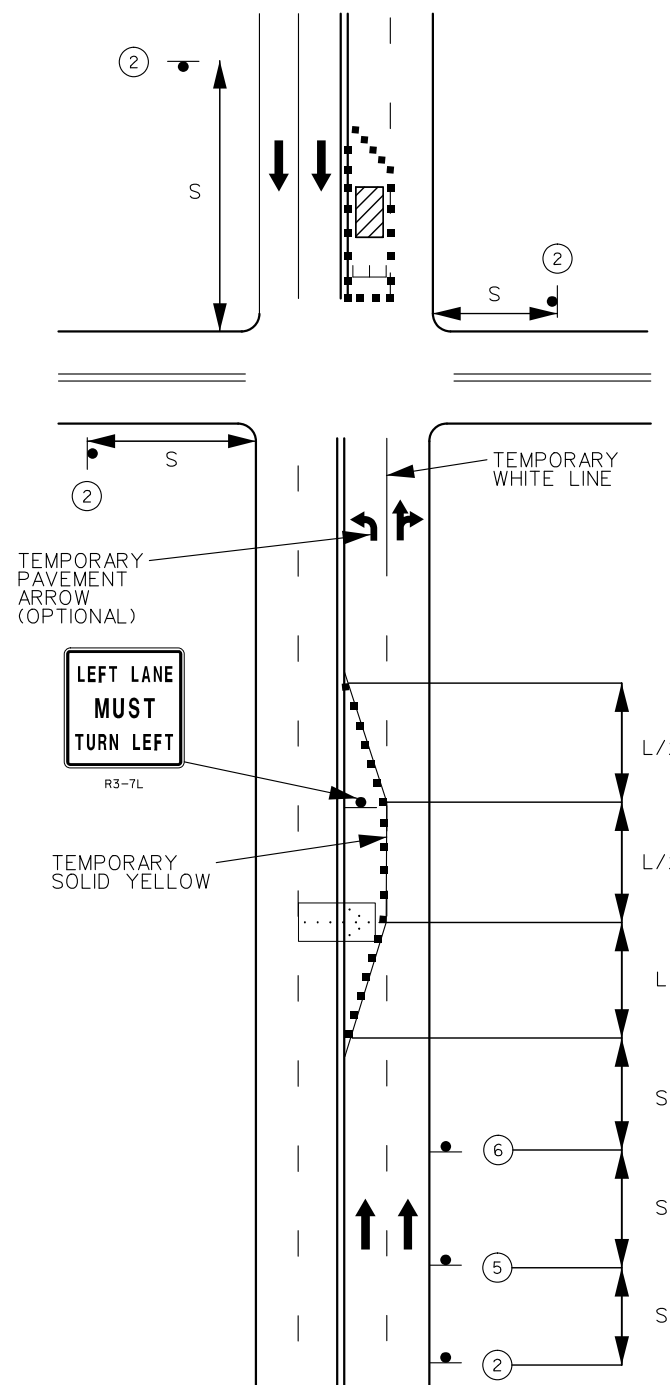
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

**MoDOT**

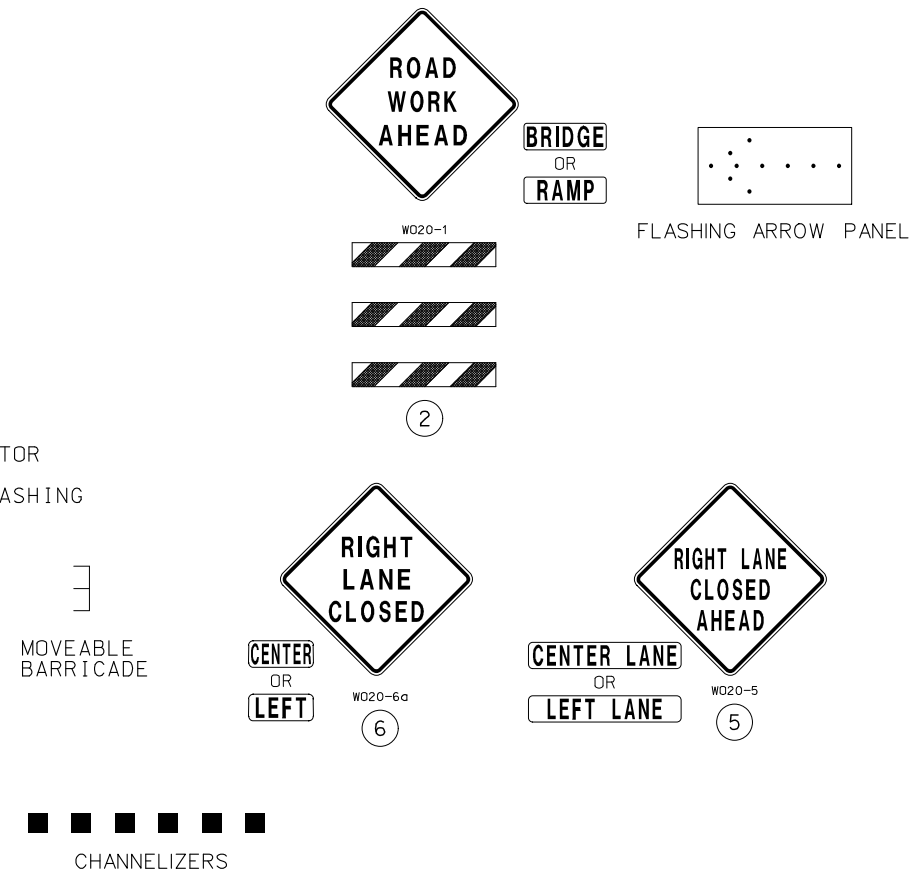




LEFT LANE CLOSURE AT INTERSECTION

NOTE:

- (1). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (2). FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
- (3). REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKINGS AS NEEDED.
- (4). PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
- (5). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- (6). FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FOOT 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.
- (7). "LEFT LANE CLOSED AHEAD" SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
- (8). THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOW THIS PLACEMENT.



LEFT LANE CLOSURE AT INTERSECTION  
 TEMPORARY  
 TRAFFIC CONTROL  
 SHEET 10 OF 15

DATE PREPARED  
**8/1/2024**

ROUTE <b>40</b>	STATE <b>MO</b>
DISTRICT <b>KC</b>	SHEET NO. <b>14</b>

COUNTY  
**JACKSON**

JOB NO.  
**JKU0074**

CONTRACT ID.

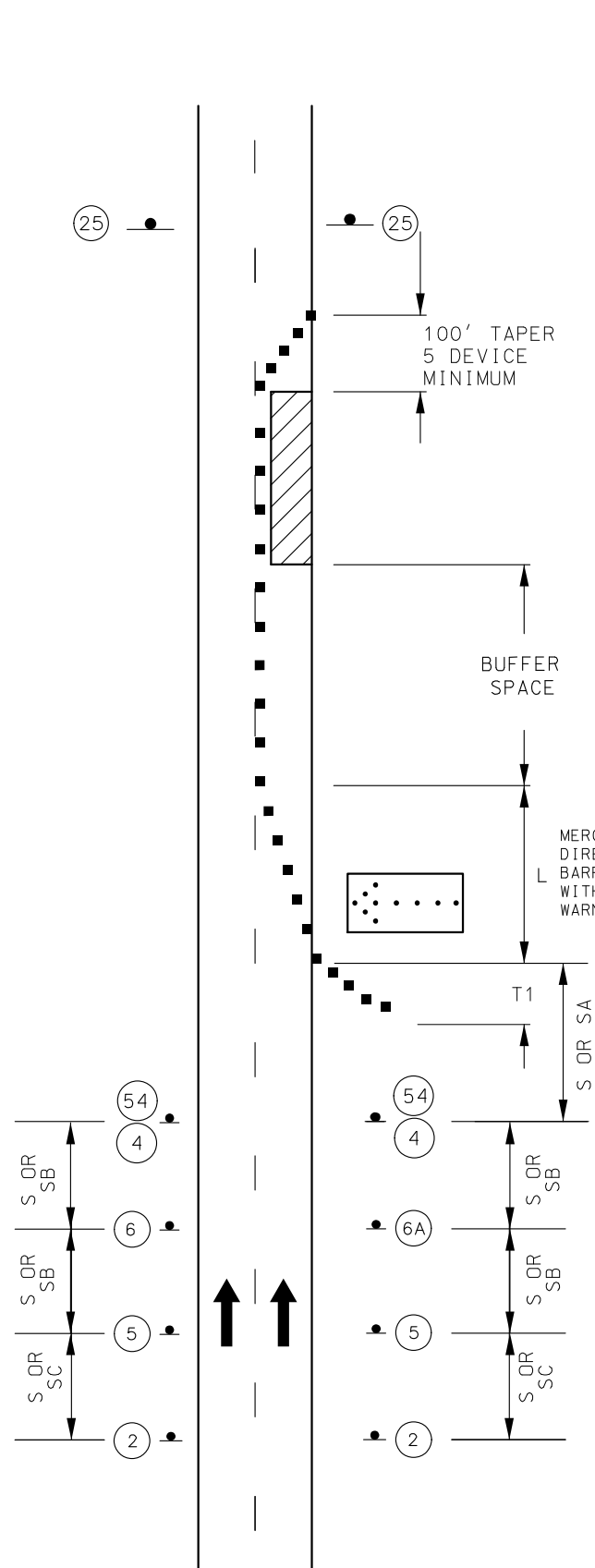
PROJECT NO.

BRIDGE NO.

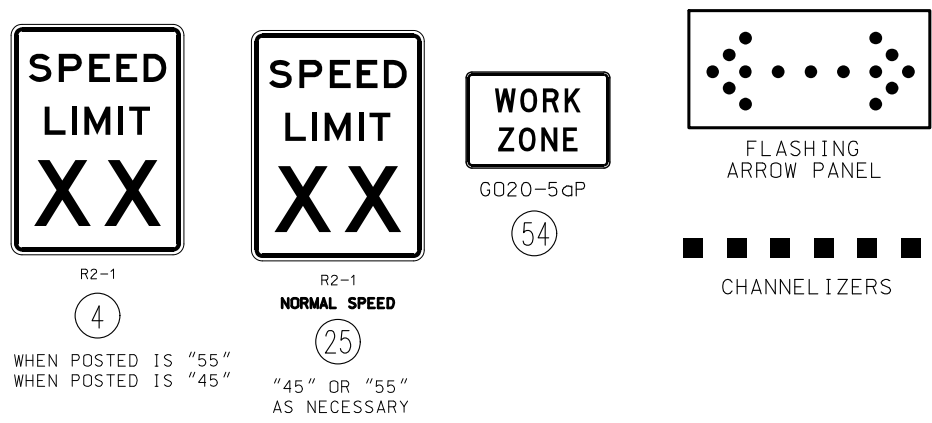
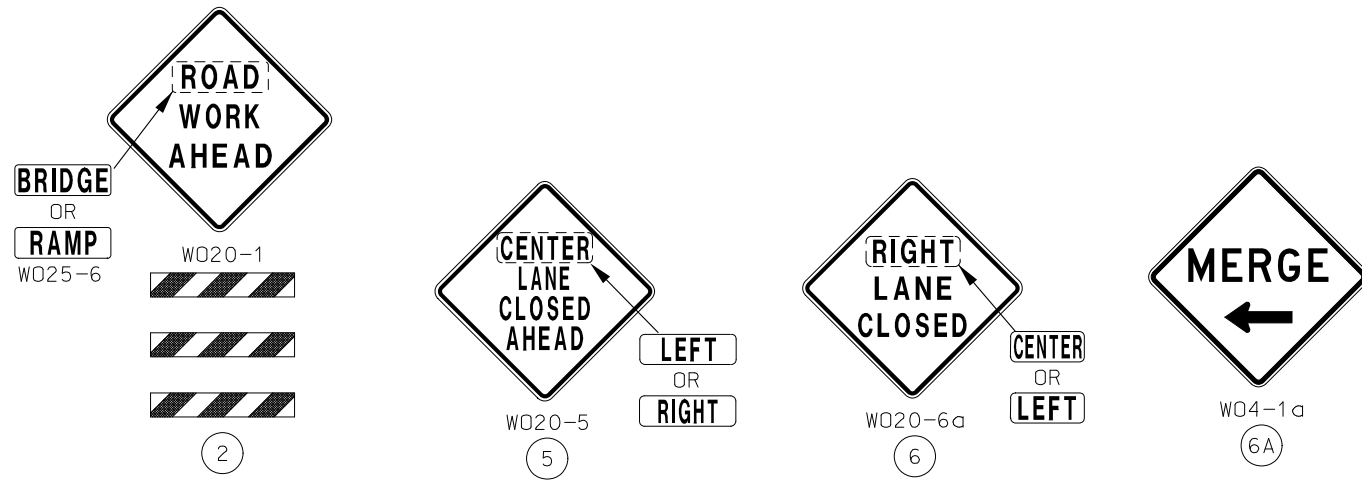
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



TWO-LANE DIVIDED HIGHWAY



"45" WHEN POSTED IS "55"  
"35" WHEN POSTED IS "45"  
"45" OR "55"  
AS NECESSARY

NOTES:

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

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

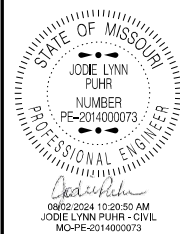
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

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

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

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

DATE PREPARED		8/1/2024	
ROUTE	STATE	MO	
DISTRICT	SHEET NO.	KC	15
COUNTY			
JACKSON			
JOB NO.			
JKU0074			
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			
DESCRIPTION	DATE		
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-273-6636)			



DATE PREPARED  
8/1/2024

ROUTE 40 STATE MO  
DISTRICT KC SHEET NO. 16

COUNTY JACKSON  
JOB NO. JKU0074  
CONTRACT ID.

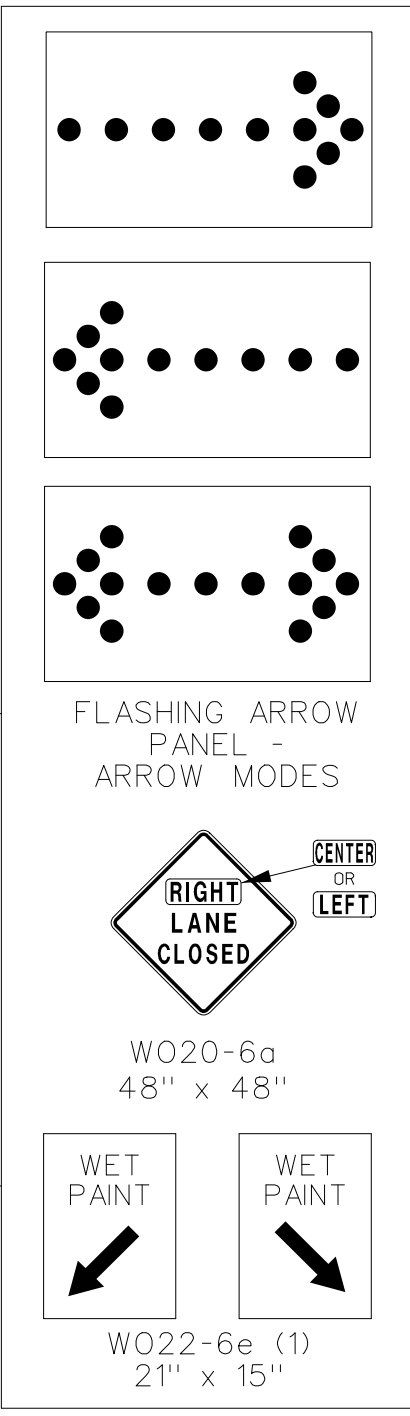
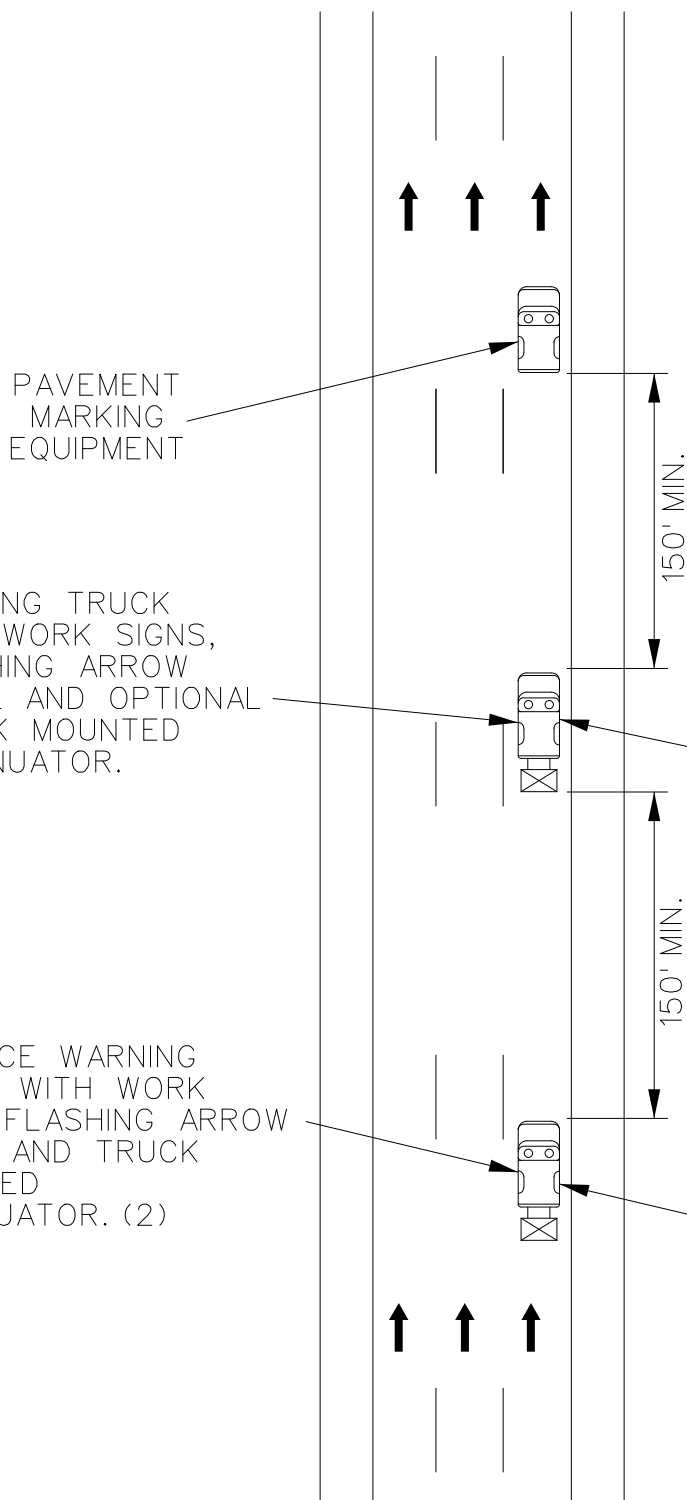
PROJECT NO.  
BRIDGE NO.

DESCRIPTION

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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.

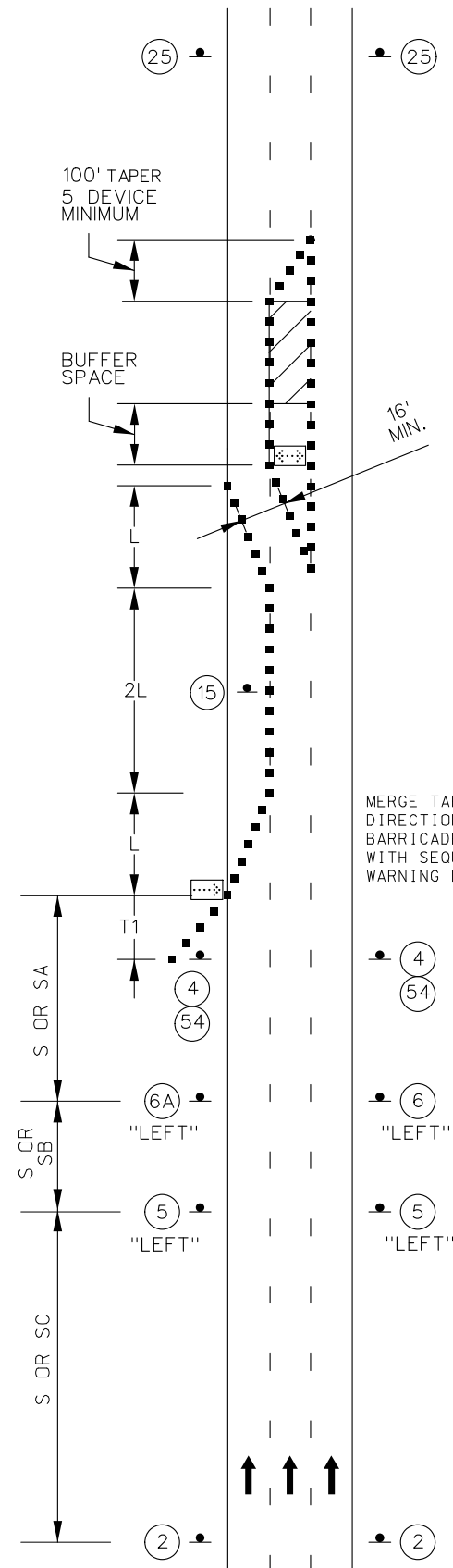
FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

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 SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

**MOVING OPERATION ON HIGHWAY  
OPEN TO TRAFFIC  
MULTI-LANE DIVIDED HIGHWAY**

**CENTERLINE AND/OR  
LANE LINE STRIPING  
ON MULTI-LANE  
DIVIDED HIGHWAYS  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 12 OF 15**

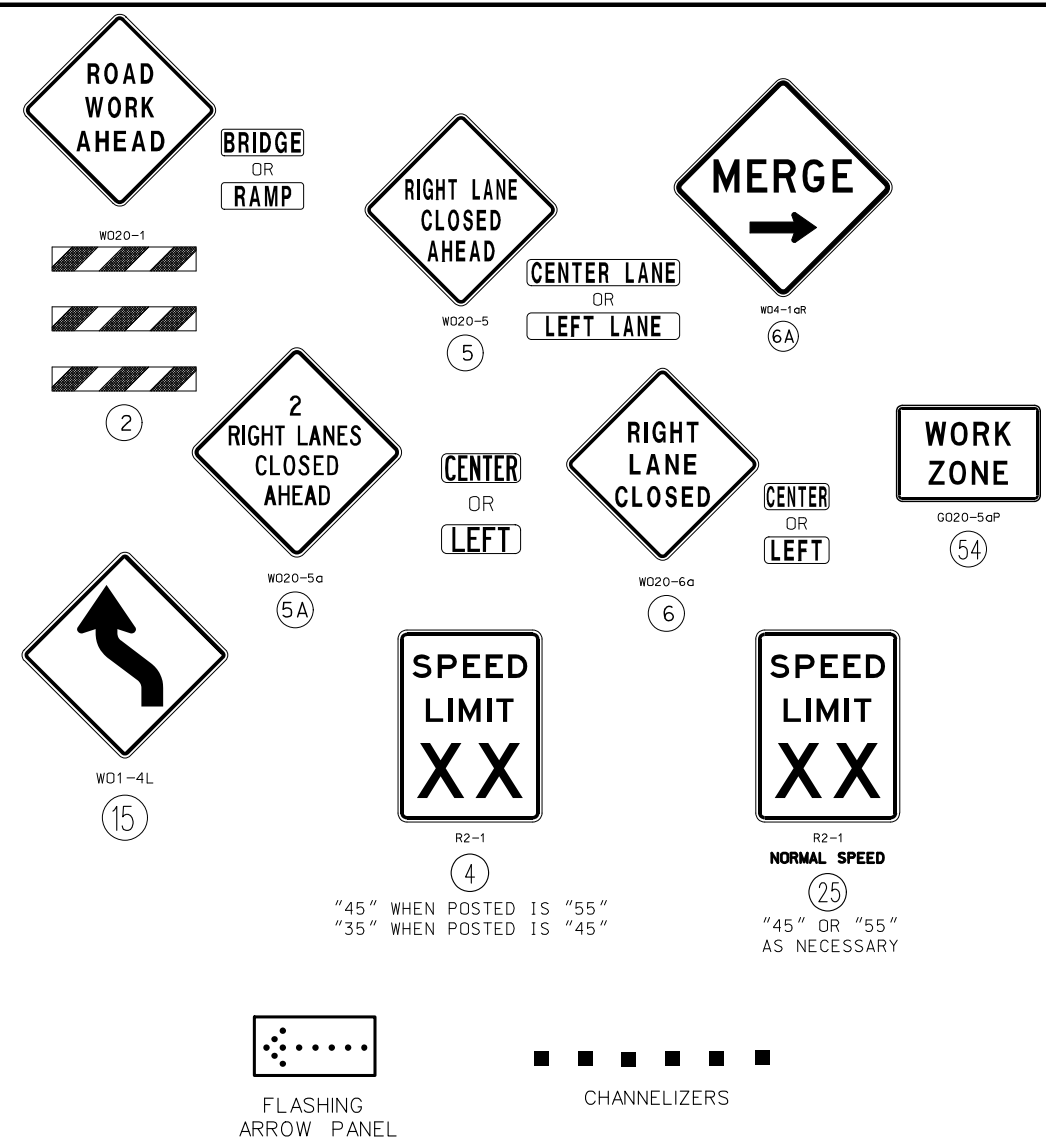


MERGE TAPER USE  
DIRECTIONAL INDICATOR  
BARRICADES (DIBS)  
WITH SEQUENTIAL FLASHING  
WARNING LIGHTS

INTERIOR LANE

LANE CLOSURE

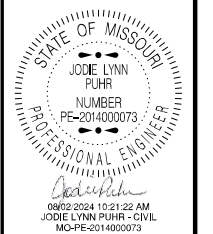
INTERIOR LANE CLOSURES OF MULTI-LANE DIVIDED HIGHWAY



NOTES:

- (1). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (2). REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- (3). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- (4). ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.


INTERIOR LANE  
CLOSURE ON FREEWAY  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 13 OF 15

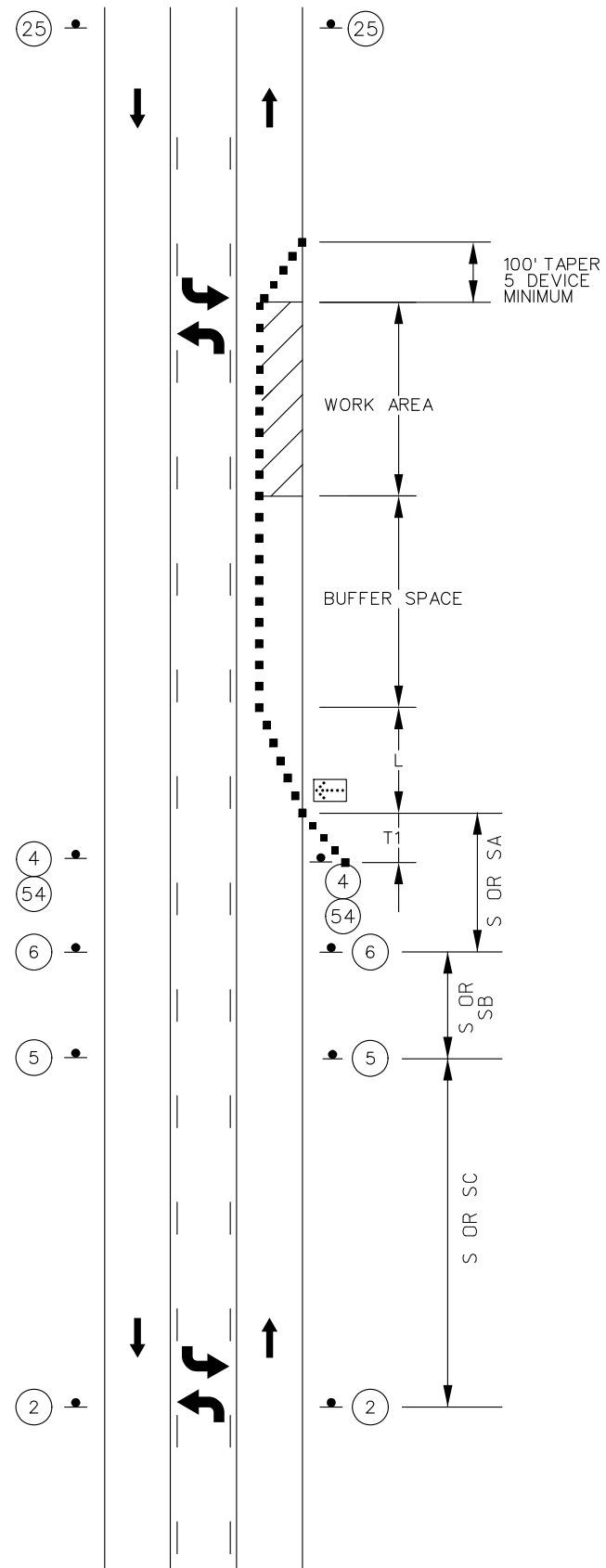


DATE PREPARED  
8/1/2024  
ROUTE  
40  
STATE  
MO  
DISTRICT  
KC  
SHEET NO.  
17  
COUNTY  
JACKSON  
JOB NO.  
JKU0074  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

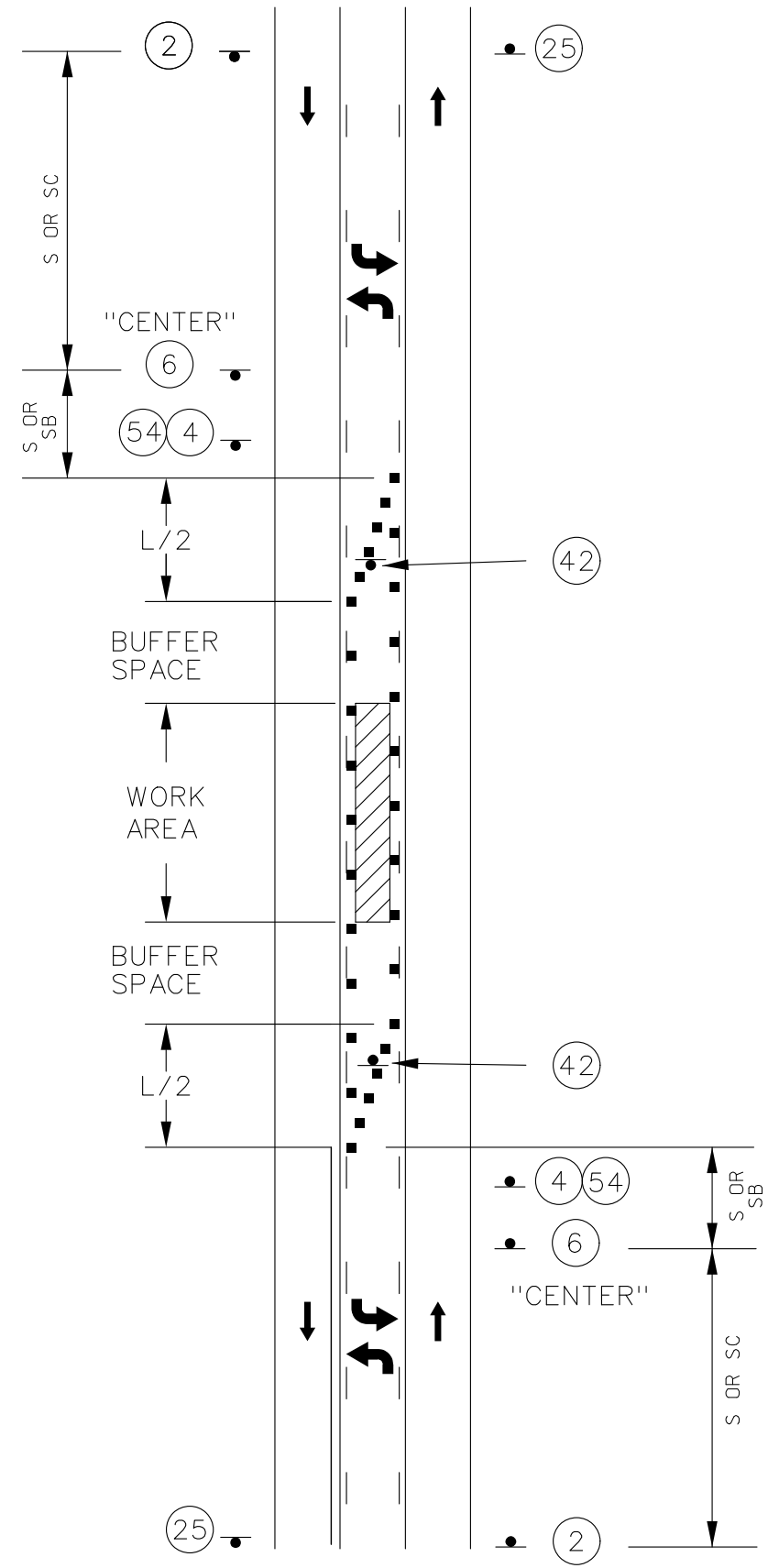
DESCRIPTION	DATE

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

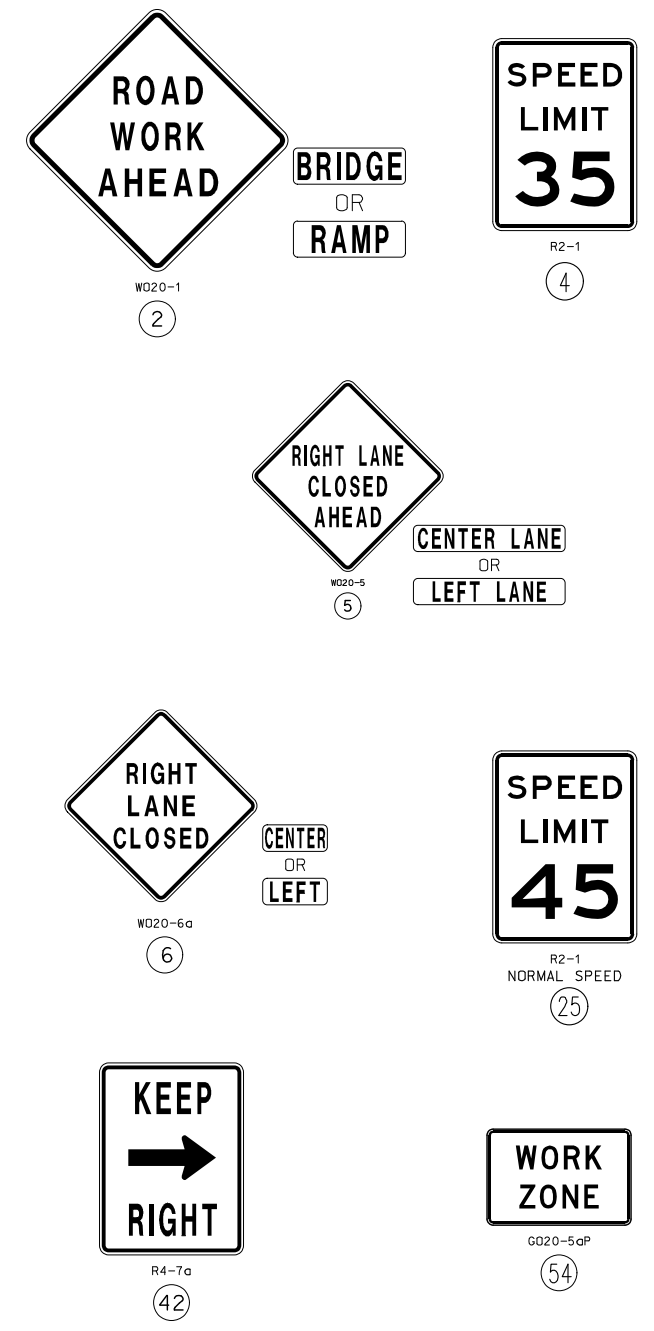




TYPICAL LEFT OR RIGHT LANE CLOSURE  
MULTI-LANE DIVIDED HIGHWAY



CENTER TURN LANE  
LANE CLOSURE



- NOTES:
- (1). SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
  - (2). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
  - (3). REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
  - (4). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.
  - (5). ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.

TRAFFIC CONTROL  
SHEET 14 OF 15

STATE OF MISSOURI  
JOE LYNN  
REGISTERED PROFESSIONAL ENGINEER  
NUMBER PE-2014000073  
08/02/2024 10:21:45 AM  
JOE LYNN P.Eng. - CIVIL  
MO-PE-2014000073

DATE PREPARED: 8/1/2024

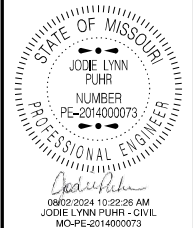
ROUTE 40	STATE MO
DISTRICT KC	SHEET NO. 18

COUNTY: JACKSON  
JOB NO.: JKU0074  
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)

NOT TO SCALE



DATE PREPARED  
8/1/2024

ROUTE 40 STATE MO

DISTRICT KC SHEET NO. 19

COUNTY JACKSON

JOB NO. JKU0074

CONTRACT ID.

PROJECT NO.

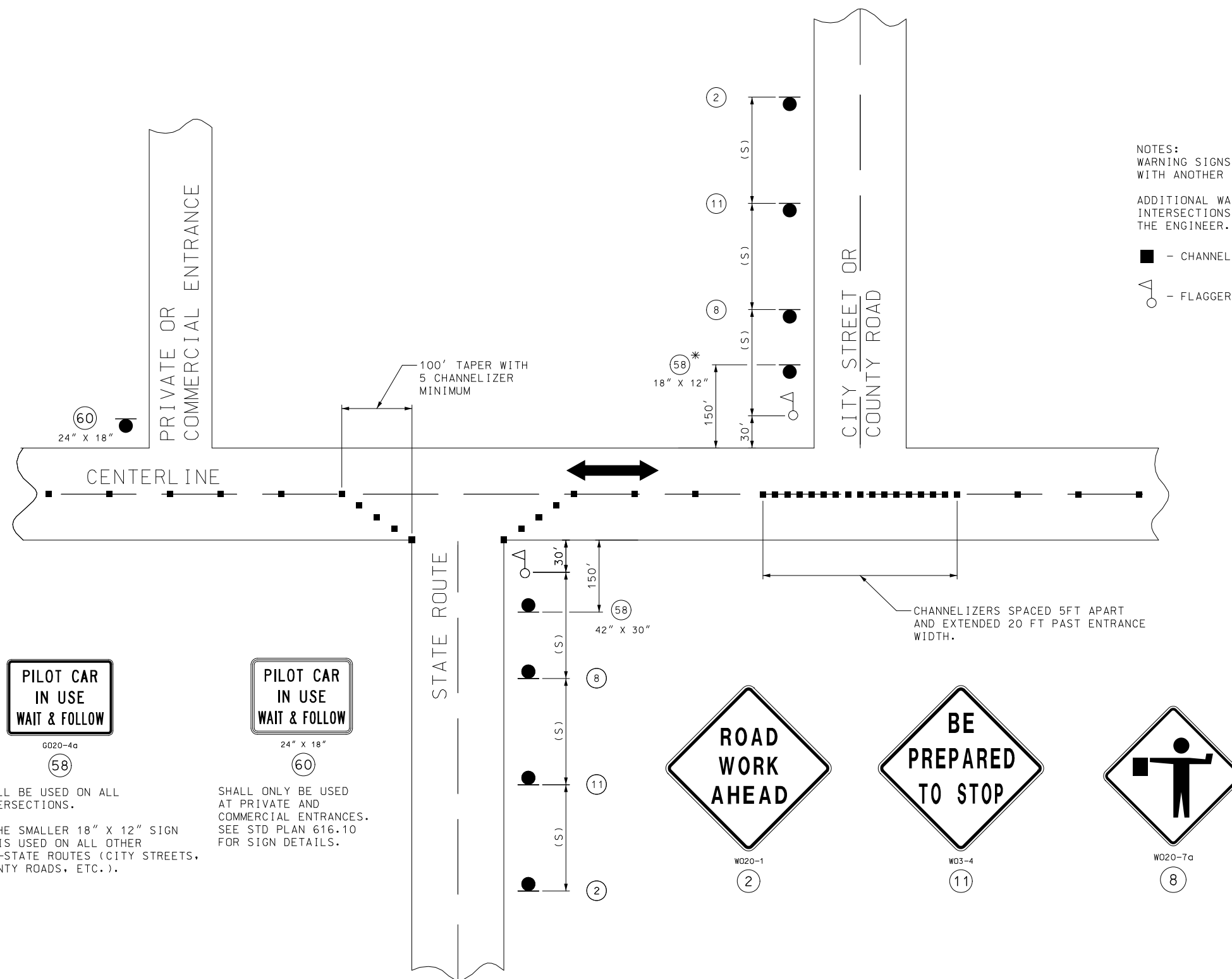
BRIDGE NO.

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

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

■ - CHANNELIZERS (AS SPECIFIED)

○△ - FLAGGER



SIDE ROADS ENTERING WORK ZONES

TEMPORARY TRAFFIC CONTROL

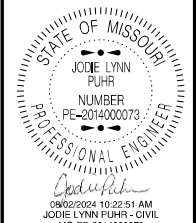
SHEET 15 OF 15

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)





DATE PREPARED  
8/1/2024

ROUTE	STATE
40	MO
DISTRICT	SHEET NO.
KC	20

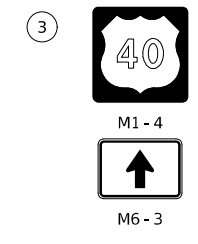
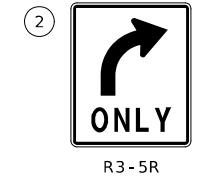
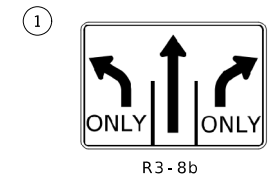
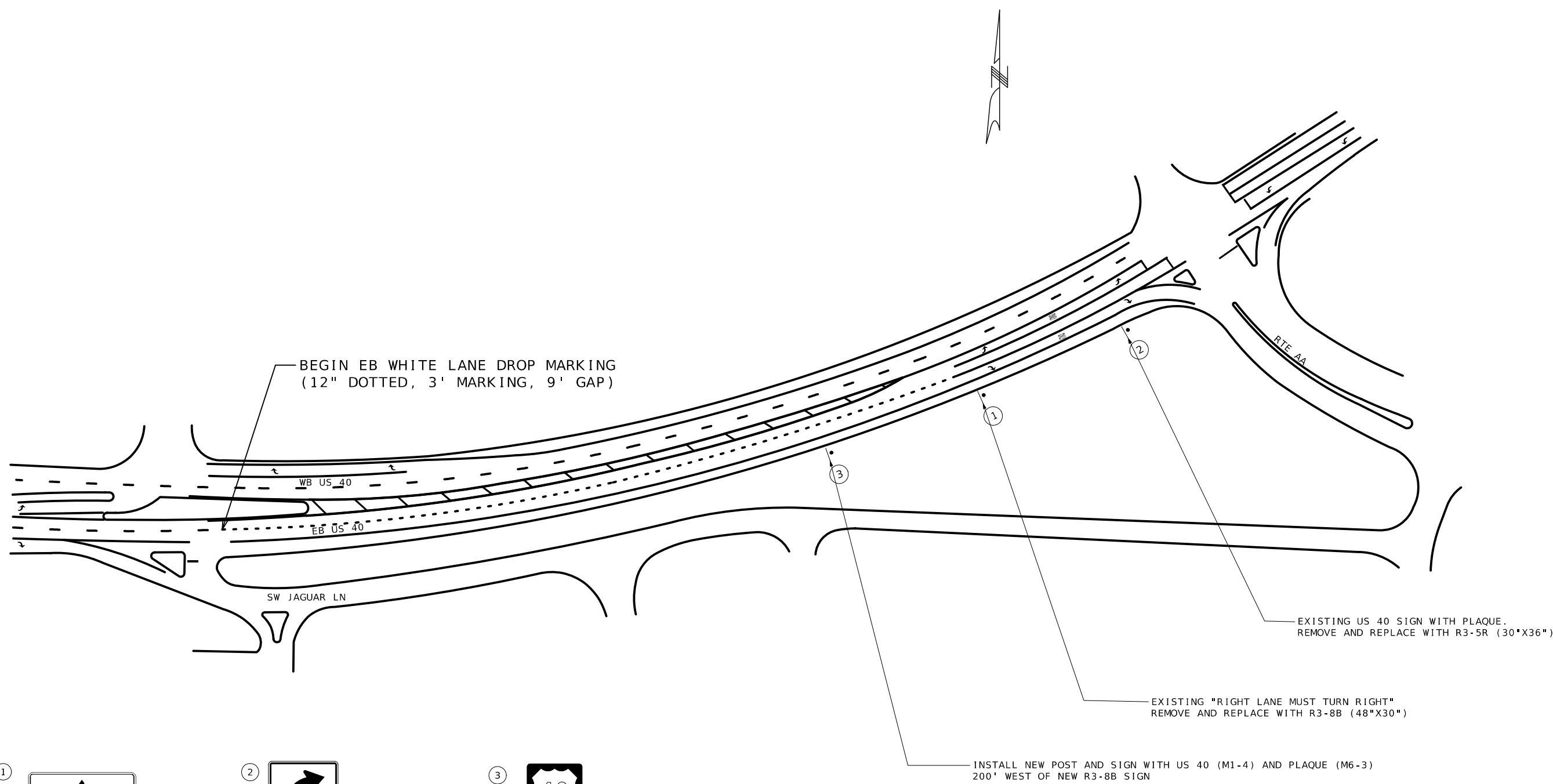
COUNTY  
JACKSON

JOB NO.  
JKU0074

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



NOT TO SCALE

PAVEMENT MARKING AND SIGNING SHEET  
1 OF 1

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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