

BENJAMIN STEPHEN MCCABE SR.
 NUMBER PE-2003015005
 PROFESSIONAL ENGINEER

DATE PREPARED 10/11/2024

ROUTE 35 STATE MO

DISTRICT KC SHEET NO. 2

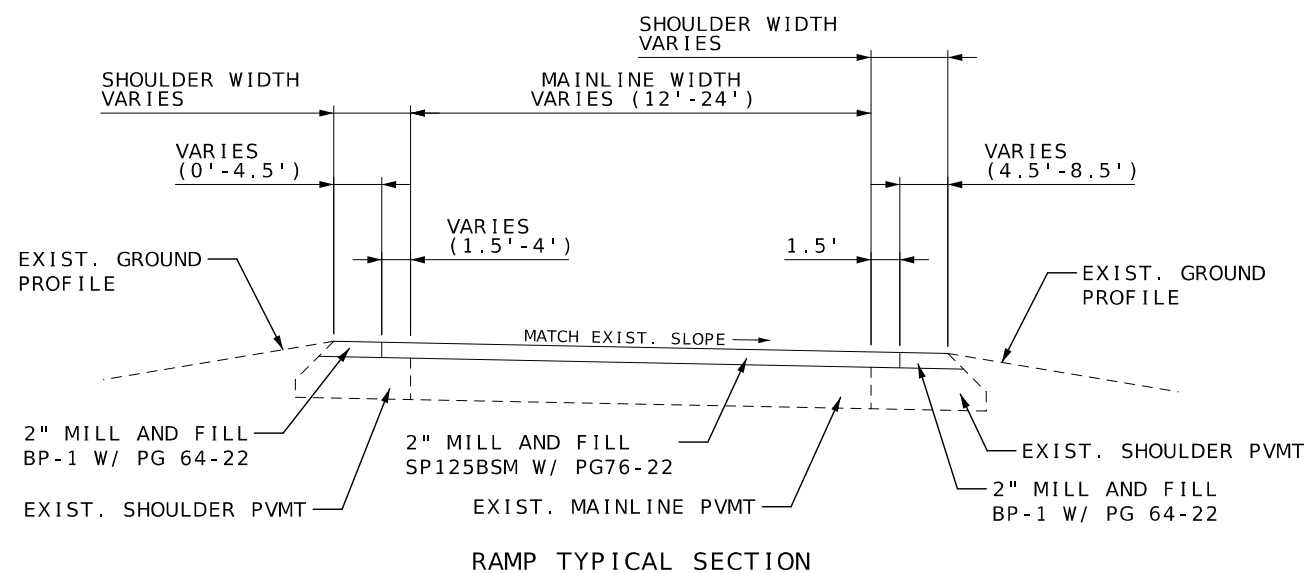
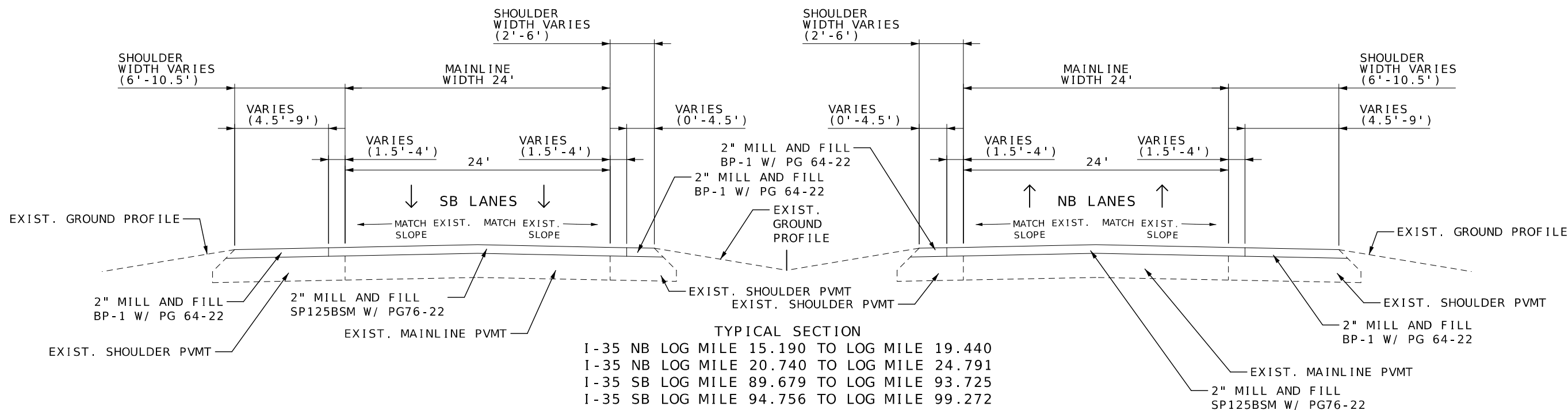
COUNTY CLAY

JOB NO. JKU0060

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



1 NOTE REVISED

ESTIMATE FACTORS	
PG76-22 (SP125BSM MIX)	1.961 TONS/CY
PG64-22, (BP-1)	1.984 TONS/CY
TACK COAT	0.10 GAL/SY
GRAVEL (A) OR CRUSHED STONE (B)	1.400 TONS/CY

NOTE:
 * MAINLINE TREATMENT EXTENDED ONTO SHOULDER BY 18". IF THE REMAINING SHOULDER WIDTH IS 3' OR LESS, IT SHOULD BE TREATED WITH MAINLINE PAVEMENT. IF REMAINING SHOULDER WIDTH IS MORE THAN 3', SHOULDER TREATMENT SHOULD BE USED.
 * CONCRETE PAVEMENT NOT TO BE RESURFACED.
 * REPLACE MAINLINE AND SHOULDER PAVEMENT ACCORDING TO CURRENT FIELD CONDITIONS

NOT TO SCALE

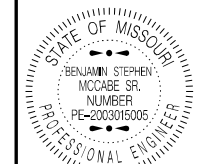
1 SHEET REVISED

TYPICAL SECTION SHEET
 SHEET 1 OF 3

DESCRIPTION	DATE

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

REV. 1



10/11/2024 2:52:47 PM
 BENJAMIN STEPHEN MCCABE SR - CIVIL
 MO-PE-2003015005

DATE PREPARED 10/11/2024

ROUTE 35	STATE MO
DISTRICT KC	SHEET NO. 2

COUNTY CLAY

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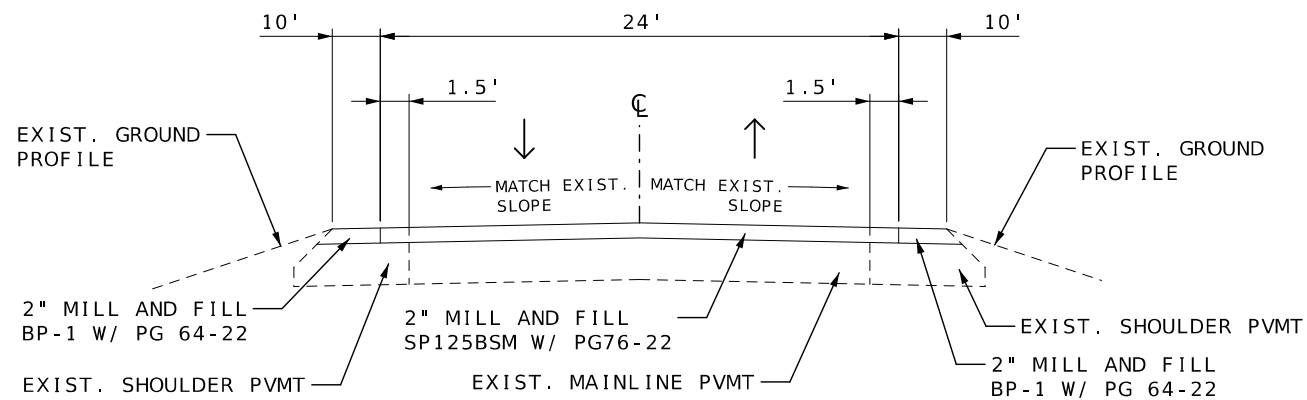
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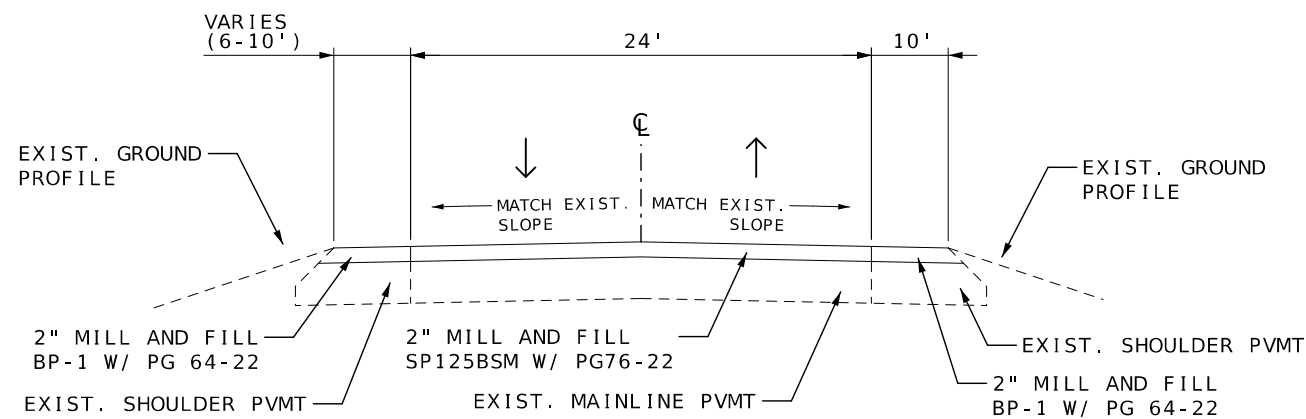
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

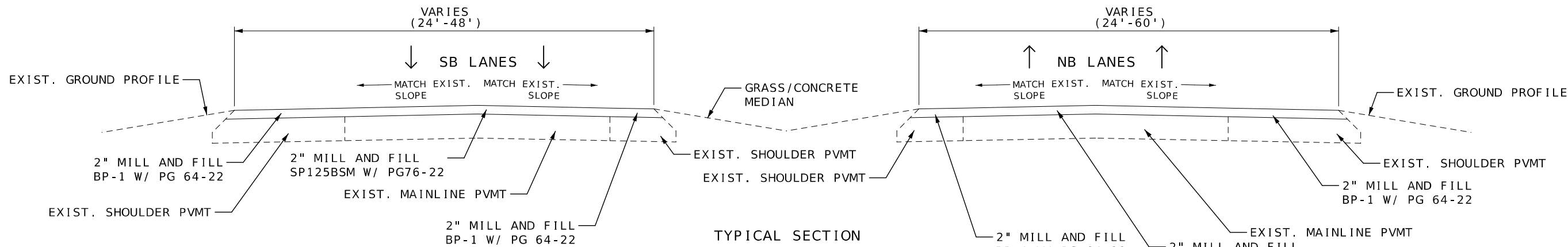
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



TYPICAL SECTION
 LIGHTBURNE ST
 SB LOG MILE 0.444 TO LOG MILE 0.611



TYPICAL SECTION
 LIGHTBURNE ST
 SB LOG MILE 0.655 TO LOG MILE 0.826



TYPICAL SECTION
 LIGHTBURNE ST
 SB LOG MILE 0.826 TO LOG MILE 1.094

1 NOTE REVISED

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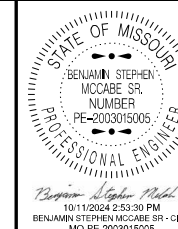
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NOT TO SCALE

1 SHEET REVISED

TYPICAL SECTION SHEET
 SHEET 2 OF 3

REV. 1



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ROUTE 35 STATE MO
DISTRICT KC SHEET NO. 2

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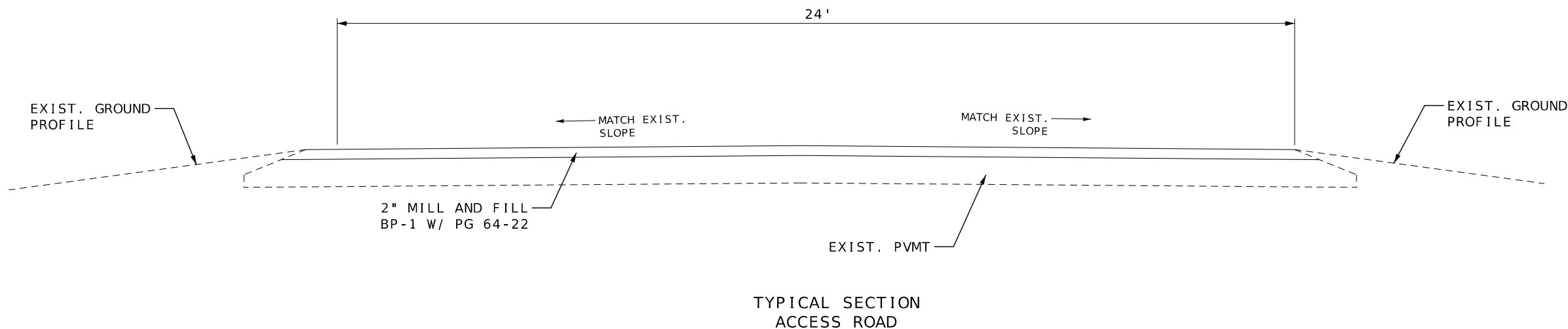
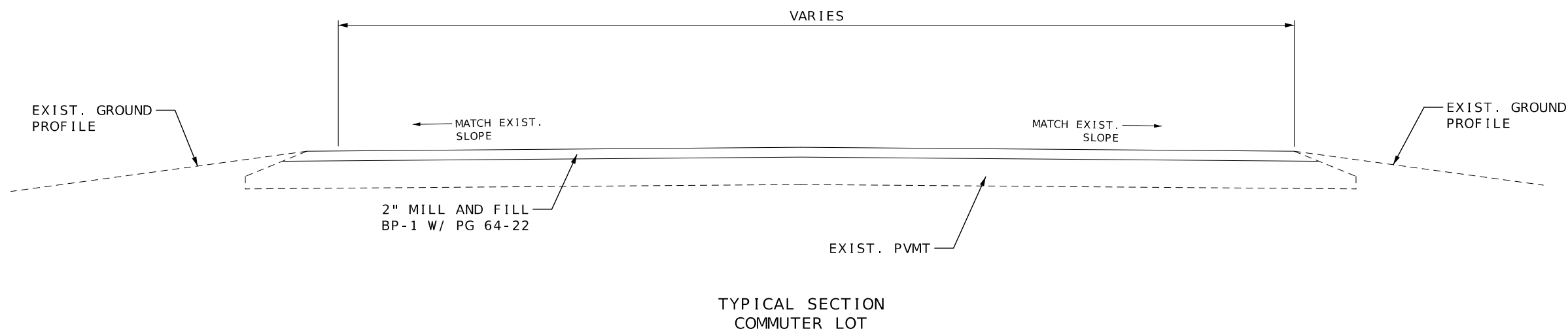
PROJECT NO.

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DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



ESTIMATE FACTORS	
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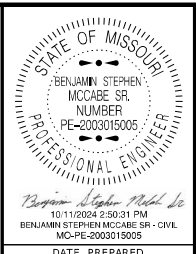
TYPICAL SECTION SHEET
SHEET 3 OF 3

NOT TO SCALE

REV. 1

SOUTHBOUND I-35 ASPHALT QUANTITIES

LOG MILE START	LOG MILE END	LENGTH (FT)	MAINLINE WIDTH (FT)	WIDTH OF SHOULDERS WITH MAINLINE PAVEMENT (FT)	WIDTH OF SHOULDERS WITH SHOULDER PAVEMENT (FT)	2" ASPHALTIC CONCRETE MIXTURE PG76-22 (SP125BSM MIX) (TONS)	2" BITUMINOUS PAVEMENT MIXTURE PG64-22 (BP-1) (TONS)	TACK COAT NON-TRACKING (GAL)	2" COLDMILLING (SY)	NOTES
SOUTHBOUND										
89.679	91.448	9340.3	24	3.5	10.5	3109.25	1201.09	3943.7	39436.8	
91.448	91.489	216.5	30	3.5	7.5	87.79	19.89	98.6	986.3	
91.489	91.568	417.1	36	3.5	4.5	199.43	22.99	203.9	2039.2	
91.568	91.608	211.2	24	2.0	2.0	66.47	0.00	61.0	610.1	
91.608	91.816	1098.2	24	3.5	8.5	365.58	114.32	439.3	4392.8	
91.816	91.864	253.4	24	2.0	0.0	79.75	0.00	73.2	732.0	
91.864	91.951	459.4	36	3.5	4.5	219.66	25.32	224.6	2246.0	
91.951	91.991	211.2	30	3.5	7.5	85.64	19.40	96.2	962.1	
91.991	93.599	8490.2	24	3.5	10.5	2826.27	1091.78	3584.8	35847.5	
93.599	93.659	316.8	30	3.5	7.5	128.47	29.10	144.3	1443.2	
93.659	93.725	348.5	36	3.5	4.5	166.63	19.21	170.4	1703.8	BEGIN CONCRETE DRIVING LANES
94.756	94.842	454.1	24	3.5	10.5	151.16	58.39	191.7	1917.3	END CONCRETE DRIVING LANES
94.842	94.902	316.8	24	0.0	2.0	92.04	7.76	91.5	915.2	
94.902	94.948	242.9	36	3.5	10.5	116.14	31.24	134.9	1349.4	
94.948	95.055	565.0	30	3.5	10.5	229.12	72.65	276.2	2762.2	
95.055	95.854	4218.7	24	3.5	10.5	1404.35	542.49	1781.2	17812.3	
95.854	95.921	353.8	24	1.5	10.5	109.21	45.50	141.5	1415.2	LEFT SHOULDER CONCRETE
95.921	95.998	406.6	24	0.0	0.0	118.12	0.00	108.4	1084.3	SHOULDERS AND LANE TRANSITION CONCRETE
95.998	96.059	322.1	36	1.5	10.5	146.21	41.42	171.8	1717.9	LEFT SHOULDER CONCRETE
96.059	96.110	269.3	24	2.0	0.0	84.76	0.00	77.8	778.0	
96.110	96.392	1489.0	24	3.5	10.5	495.67	191.47	628.7	6286.9	
96.392	96.453	322.1	24	1.5	10.5	99.42	41.42	128.8	1288.4	LEFT SHOULDER CONCRETE
96.453	96.518	343.2	24	0.0	0.0	99.71	0.00	91.5	915.2	LEFT SHOULDER CONCRETE
96.518	96.561	227.0	36	1.5	10.5	103.04	29.19	121.1	1210.7	LEFT SHOULDER CONCRETE
96.561	96.658	512.2	24	0.0	0.0	148.80	0.00	136.6	1365.9	RIGHT LANE AND BOTH SHOULDERS CONCRETE
96.658	96.749	480.5	24	1.5	10.5	148.32	61.79	192.2	1922.0	LEFT SHOULDER CONCRETE
96.749	97.430	3595.7	24	3.5	10.5	1196.96	462.38	1518.2	15181.8	
97.430	97.449	100.3	24	1.5	10.5	30.96	12.90	40.1	401.2	LEFT SHOULDER CONCRETE
97.449	97.550	533.3	24	0.0	0.0	154.93	0.00	142.2	1422.1	SHOULDERS AND LANE TRANSITION CONCRETE
97.550	97.582	169.0	36	1.5	4.5	76.72	9.31	78.9	788.7	LEFT SHOULDER CONCRETE
97.582	97.624	221.8	36	3.0	9.0	104.71	24.45	118.3	1182.9	
97.624	97.688	337.9	24	4.0	0.0	114.53	0.00	105.1	1051.2	
97.688	98.007	1684.3	24	5.5	8.5	601.46	175.33	711.1	7111.5	
98.007	98.078	374.9	24	4.0	0.0	127.07	0.00	116.6	1166.4	
98.078	98.127	258.7	36	3.0	9.0	122.13	28.51	138.0	1379.7	
98.127	98.149	116.2	36	1.5	4.5	52.75	6.40	54.2	542.3	LEFT SHOULDER CONCRETE
98.149	98.363	1129.9	24	0.0	0.0	328.26	0.00	301.3	3013.1	RIGHT LANE AND BOTH SHOULDERS CONCRETE
98.363	98.385	116.2	24	1.5	10.5	35.87	14.94	46.5	464.8	LEFT SHOULDER CONCRETE
98.385	99.074	3637.9	24	3.0	15.0	1188.99	668.30	1697.7	16976.9	
99.074	99.226	802.6	24	1.5	10.5	247.74	103.21	321.0	3210.4	LEFT SHOULDER CONCRETE
99.226	99.272	242.9	24	3.0	15.0	79.39	44.62	113.4	1133.5	



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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LOCATION	LOG MILE	SHOULDER PAVEMENT AREA (SY)	MAINLINE PAVEMENT AREA (SY)	2" ASPHALTIC CONCRETE MIXTURE PG76-22, (SP125BSM MIX) (TONS)	2" BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) (TONS)	TACK COAT (GAL)	2" COLDMILLING (SY)	NOTES
I-35 SB TO REST AREA ENTRANCE	91.568	1052.09	1538.97	167.66	115.96	259.1	2591.1	
GORE FROM REST AREA EXIT	91.820	412.72	2489.18	271.18	45.49	290.2	2901.9	
I-35 SB TO LIGHTBURNE ST	93.725	2200.00	2200.00	239.68	242.49	440.0	4400.0	
LIGHTBURNE ST TO I-35 SB	94.901	4756.56	8651.89	942.58	524.28	1340.8	13408.5	
I-35 SB TO MO 291	96.059	202.36	455.00	49.57	22.30	65.7	657.4	
MO 291 TO I-35 SB	96.518	593.69	610.27	66.49	65.44	120.4	1204.0	
EXIT TO RTE 152	97.682	935.20	2264.15	246.67	103.08	319.9	3199.4	
EXIT FROM RTE 152	98.002	940.50	2022.96	220.39	103.66	296.3	2963.5	
SUB TOTALS				17547.70	6439.47	21948.9	219493.0	

GUARDRAIL QUANTITIES

LOCATION	LOG MILE	LOG MILE	MGS CRASHWORTHY END TERMINAL (MASH) (EACH)	MGS GUARDRAIL (LF)	MGS END ANCHOR (EACH)	NOTES
I-35 SB	99.044	99.113	1	287.5	1	RIGHT
LIGHTBURNE ST TO I-35 NB	0.056	I-35 NB 20.586	1	1237.5	1	RIGHT
PAY TOTALS			2	1525	2	

1 QUANTITIES REVISED

1 QUANTITIES ADDED

TEMPORARY PAVEMENT MARKING QUANTITIES

LOCATION	TEMPORARY REMOVABLE MARKING TAPE 24" WHITE (LF)
SOUTHBOUND LIGHTBURNE AND US 69	48
I-35 NB TO US 69	12
NORTHBOUND LIGHTBURNE AND US 69	48
PAY TOTAL	108

1 QUANTITIES REVISED

SUMMARY OF QUANTITIES SHEET 1 OF 9

1 QUANTITIES REVISED

NORTHBOUND I-35 ASPHALT QUANTITIES

LOG MILE START	LOG MILE END	LENGTH (FT)	MAINLINE WIDTH (FT)	WIDTH OF SHOULDERS WITH MAINLINE PAVEMENT (FT)	WIDTH OF SHOULDERS WITH SHOULDER PAVEMENT (FT)	2" ASPHALTIC CONCRETE MIXTURE PG76-22, (SP125BSM MIX) (TONS)	2" BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) (TONS)	TACK COAT NON-TRACKING (GAL)	2" COLDMILLING (SY)	NOTES
NORTHBOUND										
15.190	16.142	5026.6	24	3.5	10.5	1680.96	647.36	2122.3	21223.4	
16.142	16.172	158.4	24	1.5	10.5	49.12	20.40	63.4	633.6	LEFT SHOULDER CONCRETE
16.172	16.473	1589.3	24	0.0	0.0	463.84	0.00	423.8	4238.1	BOTH SHOULDERS AND RIGHT LANE CONCRETE
16.473	16.495	116.2	24	1.5	10.5	36.03	14.97	46.5	464.8	LEFT SHOULDER CONCRETE
16.495	16.723	1203.8	24	3.5	10.5	402.57	155.03	508.3	5082.7	
16.723	16.775	274.6	24	2.0	0.0	86.82	0.00	79.3	793.3	
16.775	16.806	163.7	36	3.5	10.5	78.63	21.08	90.9	909.4	
16.806	16.830	126.7	36	1.5	10.5	57.78	16.32	67.6	675.7	LEFT SHOULDER CONCRETE
16.830	17.055	1188.0	24	0.0	0.0	346.72	0.00	316.8	3168.0	BOTH SHOULDERS AND RIGHT LANE CONCRETE
17.055	17.080	132.0	24	1.5	10.5	40.93	17.00	52.8	528.0	LEFT SHOULDER CONCRETE
17.080	17.794	3769.9	24	3.5	10.5	1260.71	485.51	1591.7	15917.4	
17.794	17.853	311.5	30	3.5	5.5	126.90	21.01	135.0	1349.8	LANE TRANSITION
17.853	17.925	380.2	36	4.0	0.0	184.94	0.00	169.0	1689.8	
17.925	17.965	211.2	24	2.0	0.0	66.78	0.00	61.0	610.1	
17.965	18.299	1763.5	24	3.5	10.5	589.74	227.12	744.6	7445.9	
18.299	18.361	327.4	24	2.0	0.0	103.51	0.00	94.6	945.8	
18.361	18.425	337.9	36	4.0	0.0	164.36	0.00	150.2	1501.8	
18.425	18.542	617.8	24	2.0	0.0	195.33	0.00	178.5	1784.8	RIGHT SHOULDER AND LANE CONCRETE
18.542	19.440	4741.4	24	3.5	10.5	1585.59	610.63	2001.9	20019.2	BEGIN CONCRETE DRIVING LANES
19.440	19.607	353.8	6	1.5	10.5	32.27	70.8	70.8	707.6	LEFT SHOULDER AND DRIVING LANES CONCRETE
19.607	19.674	269.3	12	1.5	10.5	44.21	34.68	71.8	718.1	LEFT SHOULDER AND DRIVING LANES CONCRETE
19.674	20.590	2063.3	12	1.5	10.5	37.27	29.23	60.5	605.3	LEFT SHOULDER AND DRIVING LANES CONCRETE
20.590	20.633	565.0	6	1.5	10.5	51.53	72.76	113.0	1130.0	LEFT SHOULDER AND DRIVING LANES CONCRETE
20.633	20.740	1383.4	24	3.5	10.5	462.63	178.16	584.1	5841.0	
20.740	21.002	301.0	12	3.5	10.5	56.73	38.76	87.0	869.6	RIGHT LANE CONCRETE
21.002	21.059	7006.6	24	3.5	10.5	2343.10	902.36	2958.3	29583.4	
21.059	22.386	343.2	30	3.5	8.5	139.81	35.78	160.2	1601.6	LANE TRANSITION
22.386	22.451	274.6	36	3.5	6.5	131.90	21.89	140.4	1403.5	
22.451	22.503	116.2	24	2.0	0.0	36.74	0.00	33.6	335.7	
22.503	22.525	1198.6	24	3.5	10.5	400.83	154.36	506.1	5060.8	
22.525	22.752	205.9	24	2.0	0.0	65.10	0.00	59.5	594.8	
22.752	22.791	359.0	36	3.5	6.5	172.44	28.62	183.5	1834.9	
22.791	22.859	417.1	30	3.5	8.5	169.92	43.49	194.6	1946.5	LANE TRANSITION
22.859	22.938	9572.6	24	3.5	10.5	3201.21	1232.83	4041.8	40417.6	
22.938	24.751									
RAMP AND GORES										
LOCATION	LOG MILE	SHOULDER PAVEMENT AREA (SY)	MAINLINE PAVEMENT AREA (SY)	2" ASPHALTIC CONCRETE MIXTURE PG76-22, (SP125BSM MIX) (TONS)	2" BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) (TONS)	TACK COAT (GAL)	2" COLDMILLING (SY)	NOTES		
EXIT TO RTE 152	16.725	0.00	0.00					ALL CONCRETE		
EXIT FROM RTE 152	16.725	542.05	1434.03	156.23	59.75	197.6	1976.1	MAINLINE PAVEMENT, SHOULDER PAVEMENT		
EXIT TO RTE 291	17.964	224.00	1214.68	124.33	24.69	143.9	1438.7			
EXIT FROM RTE 291	18.303	657.74	1875.63	204.34	72.50	253.3	2533.4	RIGHT SHOULDER CONCRETE, MAINLINE PAVEMENT		
EXIT TO RTE 69	19.804	2468.99	5498.76	599.06	272.14	796.8	7967.8	MAINLINE PAVEMENT, SHOULDER PAVEMENT		
EXIT FROM LIGHTBURNE	20.526	3383.72	4230.77	460.92	372.96	761.4	7614.5	MAINLINE PAVEMENT		
EXIT TO REST AREA	22.505	1347.06	2235.86	243.58	148.48	358.3	3582.9	MAINLINE PAVEMENT		
EXIT FROM REST AREA	22.775	739.16	875.06	95.33	81.47	161.4	1614.2	MAINLINE PAVEMENT		
SUB TOTALS				16758.74	6086.90	20836.1	208359.6			

PARTIAL DEPTH PAVEMENT REPAIR

LENGTH (FT)	WIDTH (FT)	REMOVAL FOR CLASS C PARTIAL DEPTH REPAIR (SY)	FURNISH/PLACE CLASS C PARTIAL DEPTH (TON)	COMMENTS
120	3	40.00	6.62	OUTSIDE SHOULDER SOUTH OF 291 BRIDGE NB I-35
1800	9	1800.00	298.05	LIGHTBURNE ST
TOTAL		1840.0	304.7	

LINEAR GRADING CLASS 1

LOG MILE START	LOG MILE END	LENGTH (LF)	LINEAR GRADING (STA)	COMMENTS
14.841	14.985	14.4	0.14	REGRADE ROADSIDE SWALE
		TOTAL	0.1	

GRAVEL A OR CRUSHED STONE B

LOG MILE	LOCATION	LT/RT	THICKNESS (YD)	AREA (SY)	GRAVEL (TONS)	REMARKS
96.518	MO 291 TO I-35 SB	RT	0.22	147.5	45.4	FROM ASSEMBLY SIGN TO THE CURVE ON RAMP
17.964	I-35 NB TO RTE 291	RT	0.22	600.6	185.0	FROM DIRECTIONAL ASSEMBLY SIGN TO 291 S SIGN
TOTAL					230	

MOBILIZATION
ONE LUMP SUM

1 QUANTITIES REVISED
SUMMARY OF QUANTITIES
SHEET 2 OF 9



BENJAMIN STEPHEN MCCABE SR.
NUMBER
PE-2003015005
PROFESSIONAL ENGINEER

DATE PREPARED
10/11/2024
ROUTE 35
STATE MO
DISTRICT KC
SHEET NO. 3

COUNTY
CLAY
JOB NO.
JKU0060
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REV. 1

LIGHTBURNE ST. ASPHALT QUANTITIES

LOG MILE START	LOG MILE END	LENGTH (FT)	PAVEMENT WIDTH (FT)	SHOULDER WIDTH (FT) WITH MAINLINE PAVEMENT	SHOULDER WIDTH (FT) WITH SHOULDER TREATMENT	2" ASPHALTIC CONCRETE MIXTURE PG76-22, (SP125BSM MIX) (TONS)	2" BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) (TONS)	TACK COAT NON-TRACKING (GAL)	2" COLDMILLING (SY)	NOTES
SOUTHBOUND										
0.444	0.611	881.89	12	1.5	8.69	144.78	94.00	217.4	2174.3	
0.611	0.654	226.12	0	0	0	0.00	0.00	0.0	0.0	CONCRETE EXCEPTION
0.654	0.769	606.23	12.82	0	8.75	94.51	65.06	145.3	1452.9	WIDENS TO 2 LANES
0.769	0.826	298.39	25.08	0	6.32	91.00	23.13	104.1	1041.0	
0.826	0.906	422.68	32.5	0	0	167.05	0.00	152.6	1526.3	WIDENS TO 4 LANES
0.906	0.948	220.08	46.76	0	0	125.14	0.00	114.3	1143.4	UP TO 69 INTERSECTION
0.948	0.986	198.93	0	0	0	0.00	0.00	0.0	0.0	69 INTERSECTION
0.986	1.064	414.37	33.17	0	0	167.14	0.00	152.7	1527.2	WIDENS TO 3 LANES
1.064	1.094	158.74	34.55	0	0	66.69	0.00	60.9	609.4	ENDS
NORTHBOUND										
2.409	2.456	248.16	28.18	0	0	85.04	0.00	77.7	777.0	2 LANES
2.456	2.483	142.56	47.44	0	0	82.24	0.00	75.1	751.4	WIDENS TO 25 LANES
2.483	2.531	253.44	54.29	0	0	167.32	0.00	152.9	1528.8	5 LANES
2.531	2.555	126.72	0	0	0	0.00	0.00	0.0	0.0	69 INTERSECTION
2.555	2.726	902.88	24.58	0	0	269.88	0.00	246.6	2465.9	2 LANES
2.726	2.827	533.28	12	0	9.65	77.82	63.12	128.3	1282.8	
2.827	2.916	469.92	0	0	0	0.00	0.00	0.0	0.0	CONCRETE EXCEPTION
2.916	3.057	744.48	12	1.5	9.7	122.22	88.57	191.9	1919.1	
SUB TOTALS						1660.83	333.88	1819.8	18199.5	

1 QUANTITIES REVISED

COMMUTER LOT ASPHALT QUANTITIES

MAINLINE PAVEMENT AREA COMMUTER LOT (SY)	MAINLINE PAVEMENT AREA ACCESS ROAD (SY)	2" BITUMINOUS PAVEMENT MIXTURE PG64-22 (BP-1) (TONS)	TACK COAT (GAL)	2" COLDMILLING (SY)
3701.96	2181.93	648.54	588.4	5883.9
SUBTOTALS		648.54	588.4	5883.9

1 QUANTITIES REVISED

ASPHALT QUANTITIES

TABLE	2" ASPHALTIC CONCRETE MIXTURE PG76-22, (SP125BSM MIX) (TONS)	2" BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) (TONS)	TACK COAT NON-TRACKING (GAL)	<3" COLDMILLING (SY)	COMMENTS
SOUTHBOUND I-35	17547.70	6439.47	21948.9	219493.0	
NORTHBOUND I-35	16758.74	6086.90	20836.1	208359.6	
LIGHTBURNE ST	1660.83	333.88	1819.8	18199.5	
COMMUTER LOT	0.00	648.54	588.4	5883.9	
CONTINGENCIES		135.09	226.0	2259.7	1% FOR BP-1, 0.5% FOR TACK COAT AND COLD MILLING
PAY TOTALS	35967.3	13643.9	45419	454196	

1 QUANTITIES ADDED

SEEDING QUANTITIES	
	SEEDING - COOL SEASON GRASSES (ACRE)
SUBTOTAL	0.1
PAY TOTAL	1

ADDITIONAL MOBILIZATION FOR SEEDING	
	1 EACH

LIGHTBURNE PAVEMENT MARKINGS

LOG MILE START	LOG MILE END	LENGTH (FT)	6" WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS (LF)	6" YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS (LF)	PERFORMED THERMOPLASTIC PAVEMENT MARKING LEFT/RIGHT ARROW (EACH)
SOUTHBOUND					
0.444	0.654	1108.800	2217.6		277.2
0.654	0.715	321.91	643.8		643.8
0.715	0.767	276.74	830.2		553.5
0.767	0.821	283.54	921.5		1134.2
0.821	0.910	468.47	936.9		468.5
0.910	0.943	174.05	696.2		174.1
0.943	0.981	198.31	0.0		0.0
0.981	1.009	148.23	185.3		148.2
1.009	1.091	432.36	864.7		432.4
NORTHBOUND					
2.946	2.877	364.97	729.9	365.0	
2.877	2.838	205.79	823.2	205.8	4 LEFT, 2 RIGHT
2.838	2.800	203.18	0.0	0.0	
2.800	2.679	636.66	795.8	636.7	
TOTAL			9645.1	5039.4	10

1 QUANTITIES ADDED/REVISED

SUMMARY OF QUANTITIES SHEET 3 OF 9



Benjamin Stephen McCabe, Sr.
10112024 2:58:48 PM
BENJAMIN STEPHEN MCCABE SR., CIVIL
MO-PE-2003015005

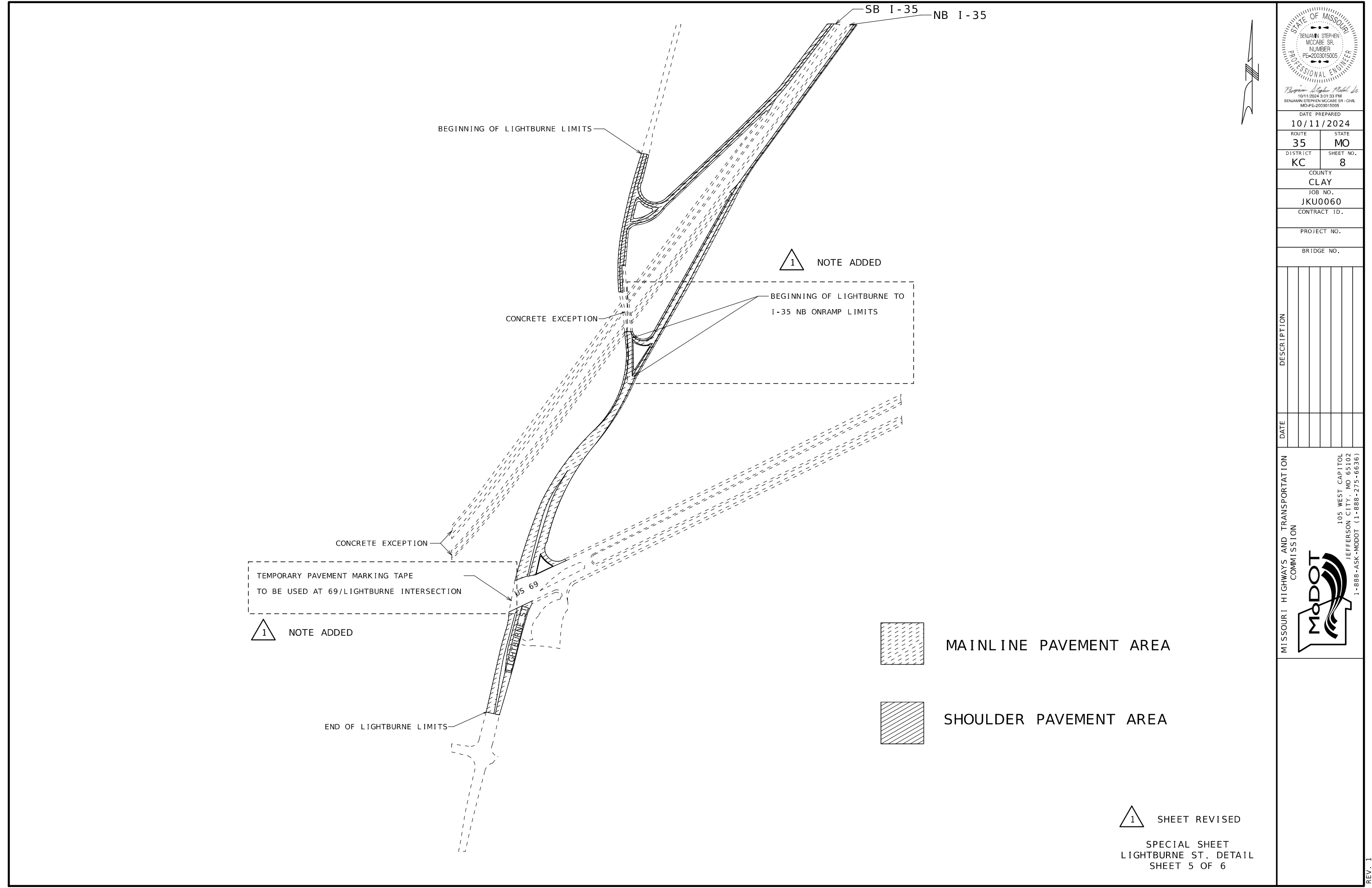
DATE PREPARED: 10/11/2024
ROUTE: 35 STATE: MO
DISTRICT: KC SHEET NO.: 3
COUNTY: CLAY
JOB NO.: JKU0060
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

1 QUANTITIES REVISED

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



Benjamin Stephen McCabe Sr.
 10/11/2024 3:01:33 PM
 BENJAMIN STEPHEN MCCABE SR - CIVIL
 MO-PE-2003015005

DATE PREPARED	
10/11/2024	
ROUTE	STATE
35	MO
DISTRICT	SHEET NO.
KC	8
COUNTY	
CLAY	
JOB NO.	
JKU0060	
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)

1 SHEET REVISED

SPECIAL SHEET
 LIGHTBURNE ST. DETAIL
 SHEET 5 OF 6

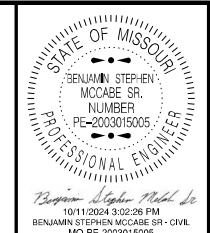
SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS AND CONCRETE BARRIER

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
PERMANENT POSTED 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'

TAPER LENGTHS AND END TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			END TREATMENT (4)
	10'	11'	12'	
< 40	160'	168'	176'	BARRIER HEIGHT TRANSITION
> 40	160'	168'	176'	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER	BUFFER LENGTH FT	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

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



DATE PREPARED	
10/11/2024	
ROUTE	STATE
35	MO
DISTRICT	SHEET NO.
KC	10
COUNTY	
CLAY	
JOB NO.	
JKU0060	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

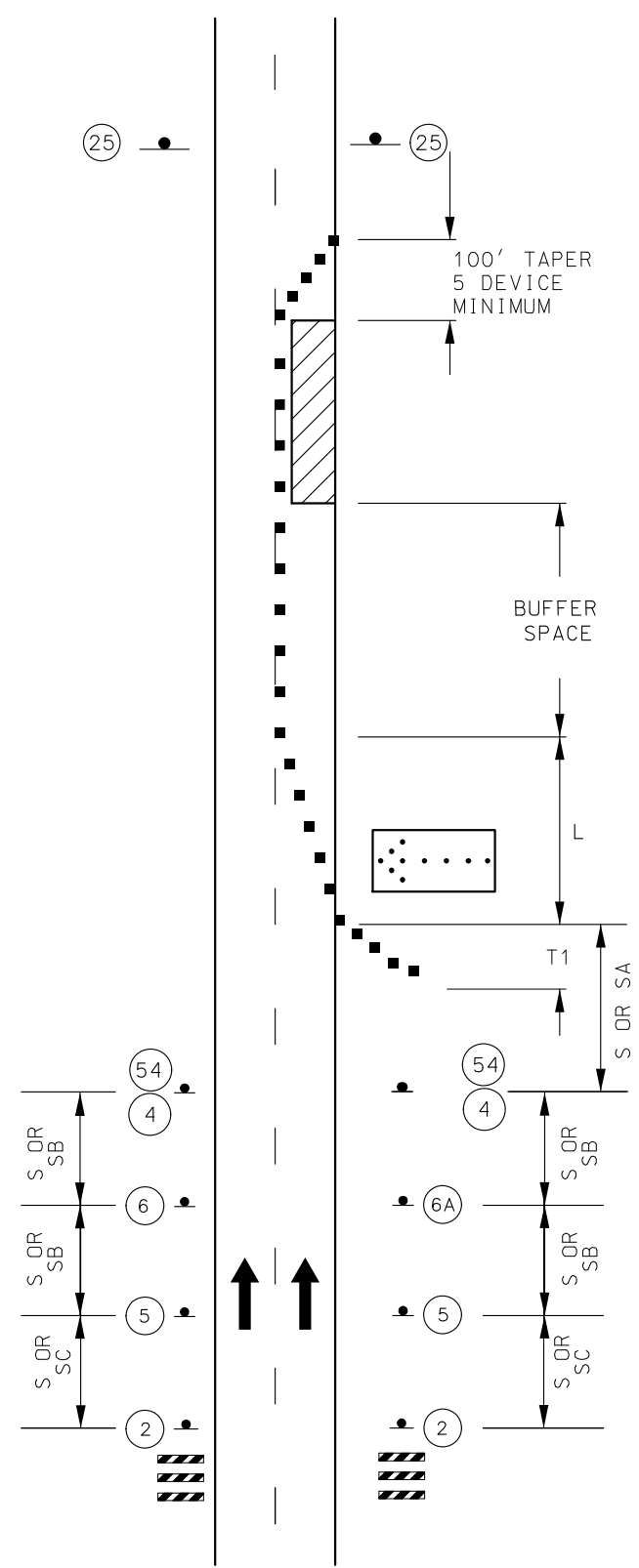
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SHEET LABEL
REVISED

TEMPORARY
TRAFFIC CONTROL
SHEET 1 OF 9

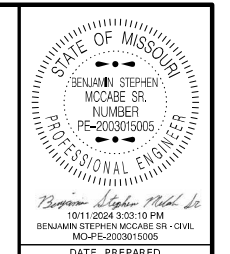


TWO-LANE DIVIDED HIGHWAY

NOTES:

- SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
- SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.
- THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING 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.
- REVIEW EPG 616.6.83 WARNING LIGHTS WHEN SEQUENTIAL OR WARNING LIGHTS SHOULD BE USED ON NIGHTTIME OPERATIONS.
- IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.
- FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAG AND ADVANCE WARNING RAIL SYSTEM.
- REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES

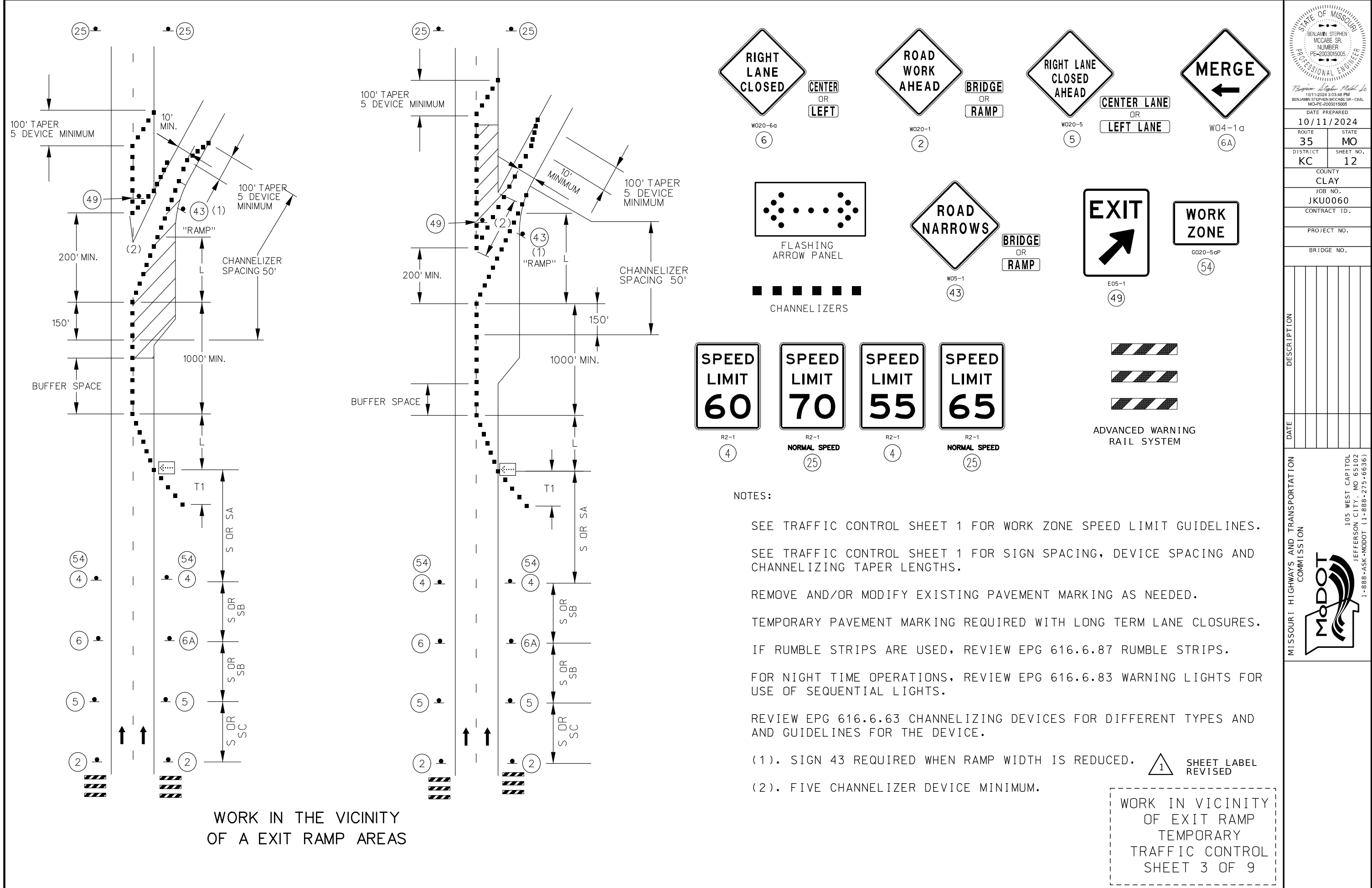
SHEET LABEL REVISED
 STATIONARY LANE CLOSURE ON DIVIDED HIGHWAY TEMPORARY TRAFFIC CONTROL SHEET 2 OF 9



DATE PREPARED
 10/11/2024
 ROUTE 35 STATE MO
 DISTRICT KC SHEET NO. 11
 COUNTY CLAY
 JOB NO. JKU0060
 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 IN THE VICINITY OF A EXIT RAMP AREAS

RIGHT LANE CLOSED (W020-6a) ⑥
 CENTER OR LEFT

ROAD WORK AHEAD (W020-1) ②
 BRIDGE OR RAMP

RIGHT LANE CLOSED AHEAD (W020-5) ⑤
 CENTER LANE OR LEFT LANE

MERGE (W04-1a) ⑥A

ROAD NARROWS (W05-1) ④3
 BRIDGE OR RAMP

EXIT (E05-1) ④9

WORK ZONE (G020-5aP) ⑤4

SPEED LIMIT 60 (R2-1) ④
 NORMAL SPEED (25)

SPEED LIMIT 70 (R2-1) ④
 NORMAL SPEED (25)

SPEED LIMIT 55 (R2-1) ④

SPEED LIMIT 65 (R2-1) ④
 NORMAL SPEED (25)

FLASHING ARROW PANEL

CHANNELIZERS

ADVANCED WARNING RAIL SYSTEM

NOTES:

- SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
- SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.
- FOR NIGHT TIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.
- REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND AND GUIDELINES FOR THE DEVICE.
- (1). SIGN 43 REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (2). FIVE CHANNELIZER DEVICE MINIMUM.

1 SHEET LABEL REVISED

WORK IN VICINITY OF EXIT RAMP TEMPORARY TRAFFIC CONTROL SHEET 3 OF 9

STATE OF MISSOURI
 BENJAMIN STEPHEN MCCABE SR.
 LICENSE NUMBER
 PE-2003015005
 PROFESSIONAL ENGINEER

10/11/2024 3:53:48 PM
 BENJAMIN STEPHEN MCCABE SR - CIVIL
 MO-PE-2003015005

DATE PREPARED
 10/11/2024

ROUTE 35 STATE MO DISTRICT KC SHEET NO. 12 COUNTY CLAY JOB NO. JKU0060 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)

MoDOT

REV. 1



BENJAMIN STEPHEN MCCABE SR.
10/11/2024 3:04:46 PM
BENJAMIN STEPHEN MCCABE SR - CIVIL
MO-PE-2003015005

DATE PREPARED: 10/11/2024
ROUTE 35
STATE MO
DISTRICT KC
SHEET NO. 13
COUNTY CLAY
JOB NO. JKU0060
CONTRACT ID.

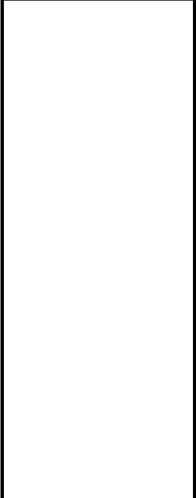
PROJECT NO.
BRIDGE NO.

DESCRIPTION

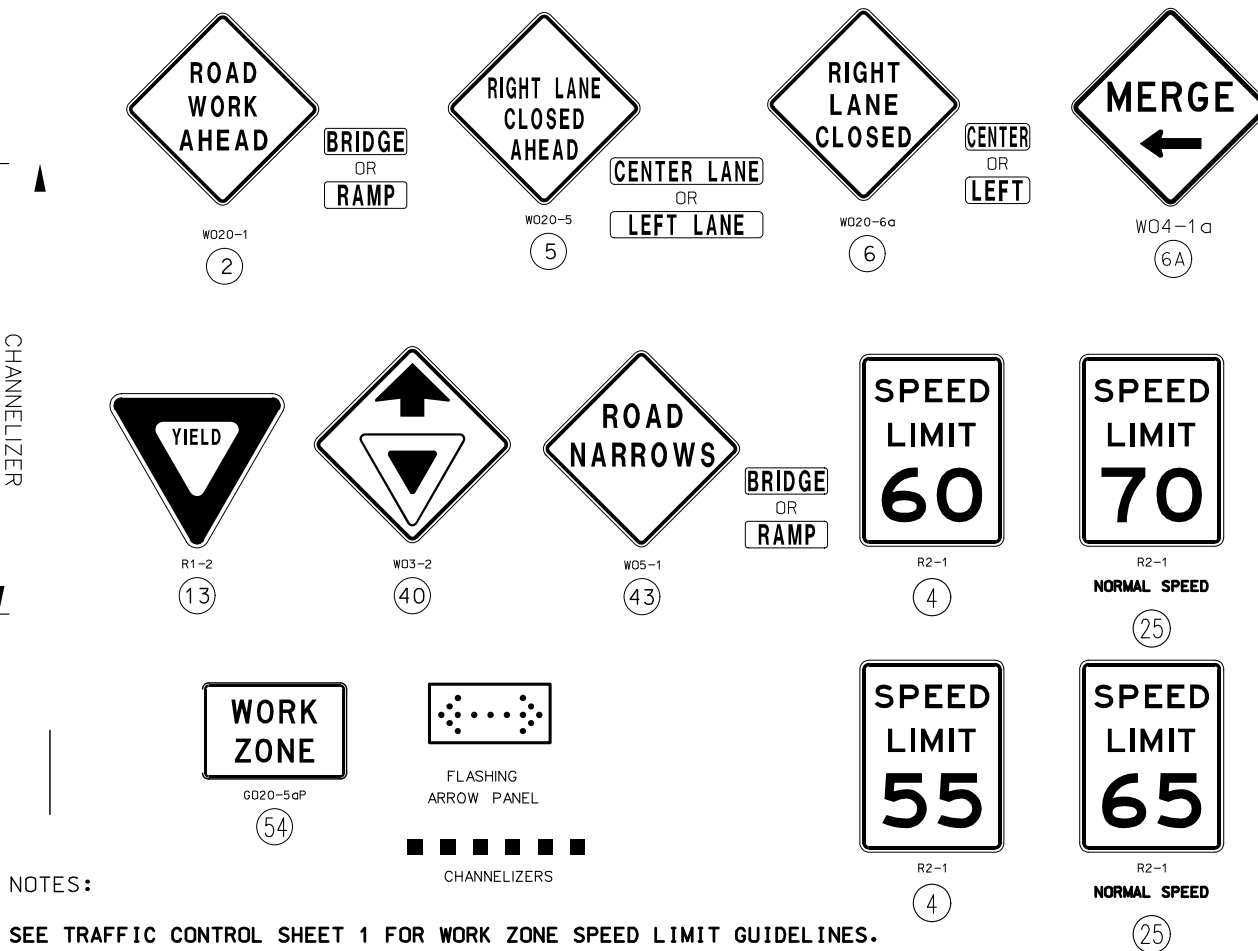
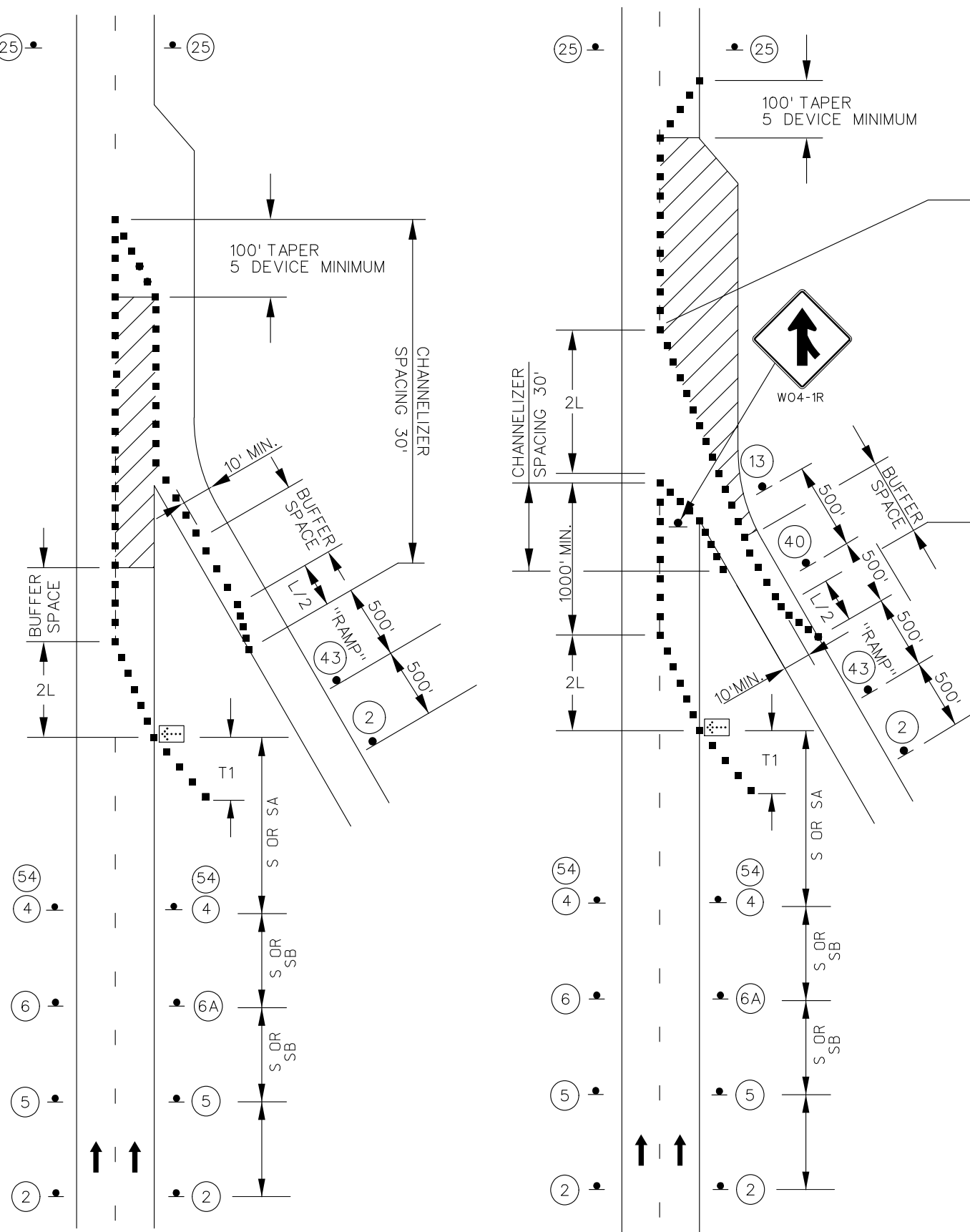
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



REV. 1



- NOTES:**
- SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
 - SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
 - REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
 - TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
 - IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.
 - FOR NIGHT TIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.
 - REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND AND GUIDELINES FOR THE DEVICE.
 - RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.
 - YIELD SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC. WHERE INADEQUATE ACCELERATION DISTANCE EXISTS FOR THE TEMPORARY ENTRANCE, THE YIELD SIGN SHALL BE REPLACED WITH STOP SIGNS (ONE EACH SIDE OF THE APPROACH).
 - THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORISTS ON THE RAMP.
 - THE YIELD SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.
 - FOR WORK ZONES WHERE DEVICES ARE IN PLACE OVER NIGHT, UAW TRIM-LINE CHANNELIZERS.

SHEET LABEL REVISED

WORK IN VICINITY OF ENTRANCE RAMP
TEMPORARY TRAFFIC CONTROL SHEET 4 OF 9

LANE CLOSURE ENTRANCE RAMP AREAS

NOT TO SCALE

NOTES:

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

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

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

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

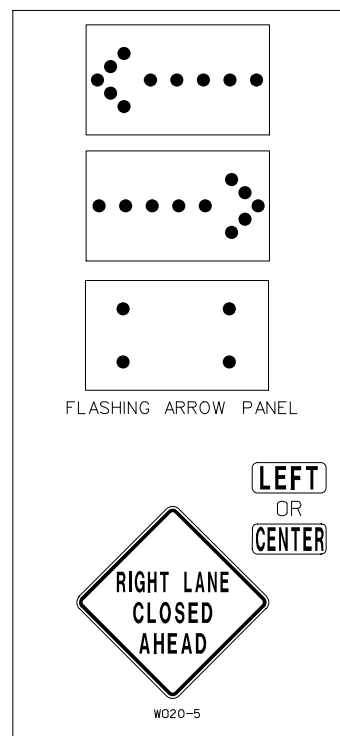
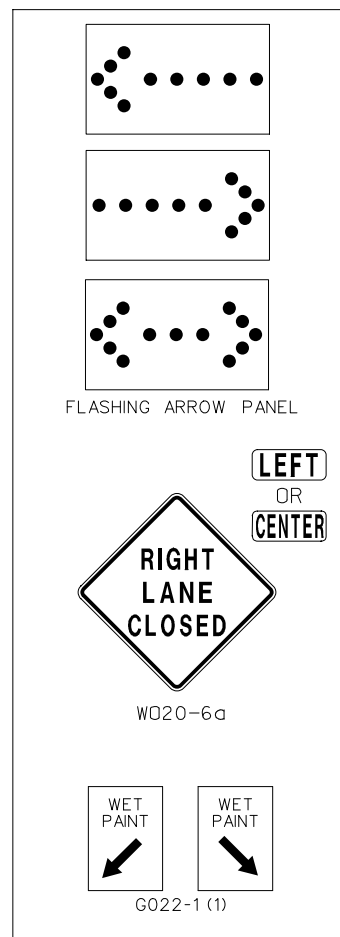
FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

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

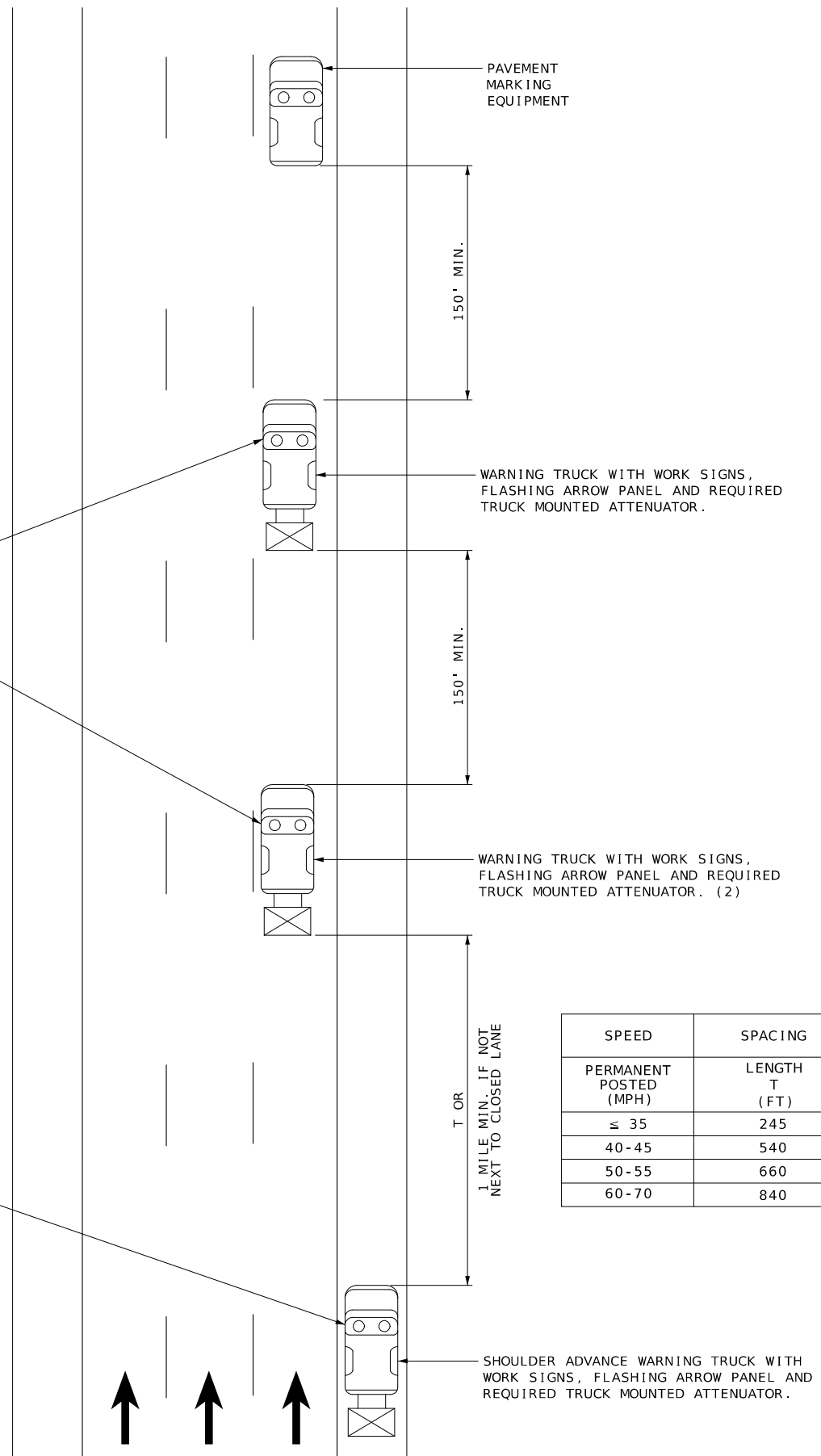
A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

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



STRIPING ON MULTI-LANE HIGHWAY



1 SHEET LABEL REVISED

TEMPORARY TRAFFIC CONTROL STRIPING ON MULTI-LANE HIGHWAY SHEET 5 OF 9

STATE OF MISSOURI
BENJAMIN STEPHEN MCCABE SR.
NUMBER PE-2003015005
PROFESSIONAL ENGINEER

10/11/2024 3:05:28 PM
BENJAMIN STEPHEN MCCABE SR - CIVIL
MO-PE-2003015005

DATE PREPARED
10/11/2024

ROUTE 35 STATE MO DISTRICT KC SHEET NO. 14

COUNTY CLAY JOB NO. JKU0060 CONTRACT ID. PROJECT NO. BRIDGE NO.

DESCRIPTION DATE

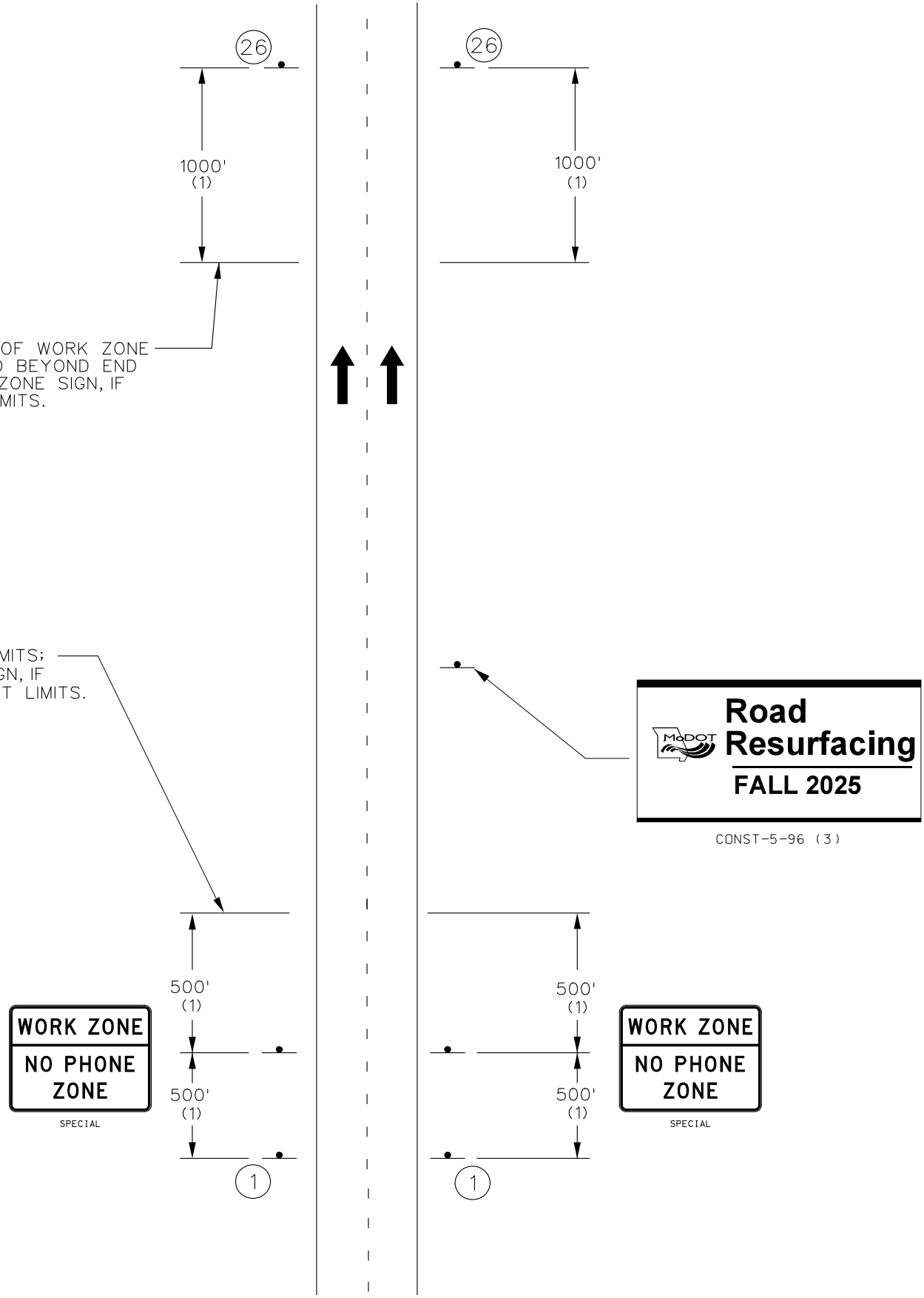
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REV. 1

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.



MULTI-LANE DIVIDED
BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

NOTES:

SIGN G020-1 IS REQUIRED PER EPG 616.6.56.

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.

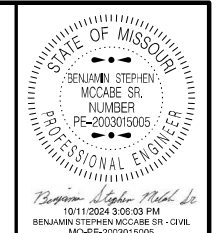
(2) SIGN CONST-7-48 OR CONST-7-72 IS PLACED 500 FEET BEFORE
THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN
OR ROAD WORK NEXT XX MILES SIGN, IF USED, WHEN THESE SIGNS
ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(3) SIGN CONST-5-96 OR CONST-5-48 IS PLACED IN A VISIBLE AREA
WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT
DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE
PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET
BEFORE SIGN CONST-7-48 OR CONST-7-72.

(4) THE "POINT OF PRESENCE" SIGN IS AVAILABLE IN TWO SIZES
DEPENDING ON ROADWAY CONDITION. THE 48 IN. X 36 IN.
SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT
OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS
OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT
RIGHT OF WAY FOR AN EIGHT FOOT WIDE SIGN. THE
96IN. X 48 IN. VERSION OF THE SIGN IS USED IN ALL OTHER
APPLICATIONS. BUT CAN ALSO BE USED IN PLACE OF THE
48 IN. X 36 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

1 SHEET LABEL
REVISED

BEGIN/END
TEMPORARY
TRAFFIC CONTROL
SHEET 6 OF 9



DATE PREPARED
10/11/2024

ROUTE 35 STATE MO

DISTRICT KC SHEET NO. 15

COUNTY
CLAY

JOB NO.
JKU0060

CONTRACT ID.

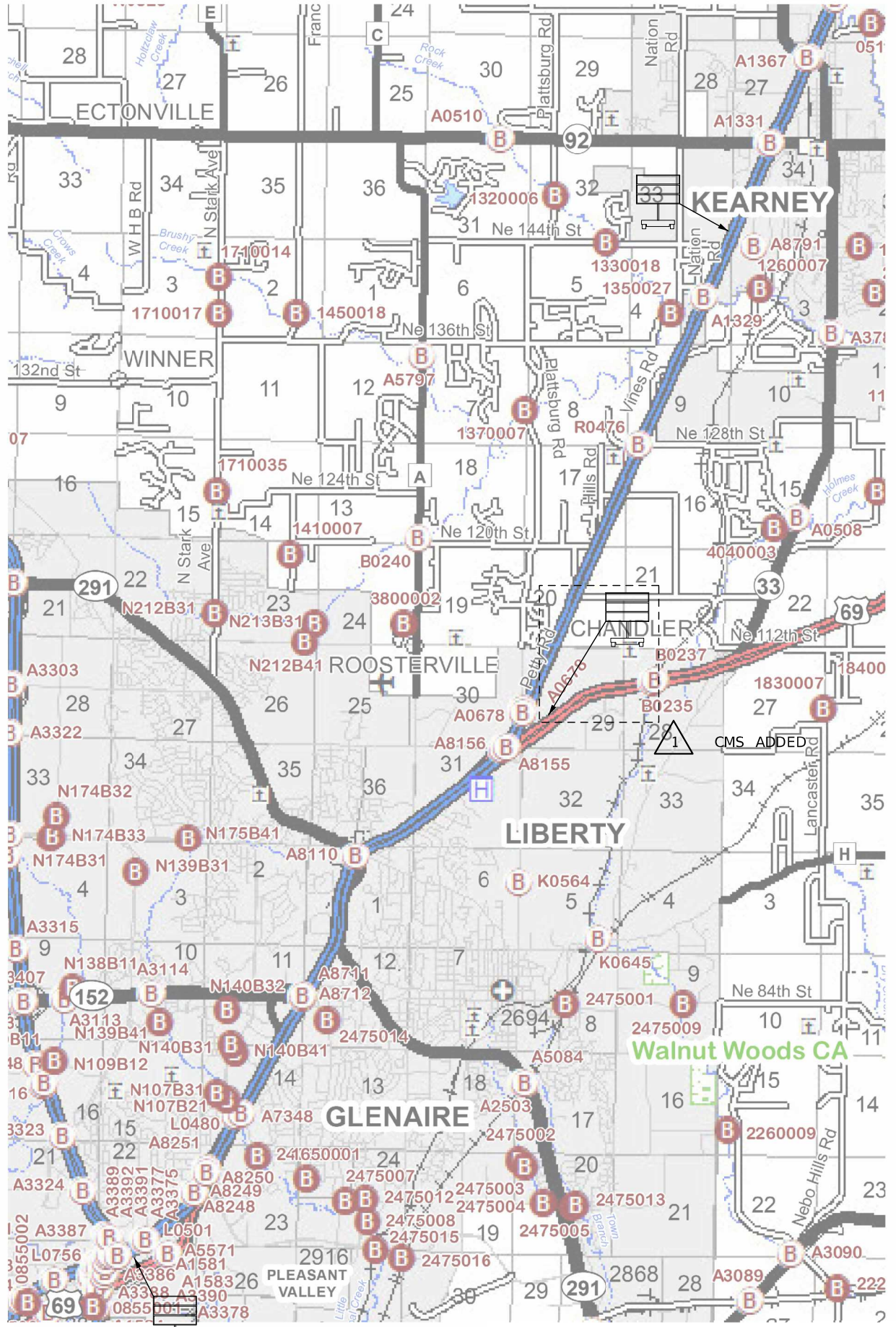
PROJECT NO.

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

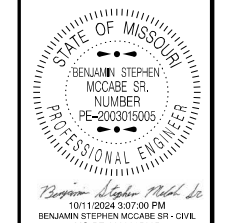
NOTE:
 SEE TRAFFIC CONTROL SHEET 1 FOR CMS SPACING
 CMS NUMBER, MESSAGE, AND PLACEMENT TO BE DETERMINED AND APPROVED BY THE ENGINEER



1 SHEET REVISED

1 SHEET LABEL REVISED

TRAFFIC CONTROL SHEET
 CMS PLACEMENT
 SHEET 7 OF 9



DATE PREPARED
10/11/2024

ROUTE 35	STATE MO
DISTRICT KC	SHEET NO. 16

COUNTY
CLAY

JOB NO.
JKU0060

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)

REV. 1



Benjamin Stephen McCabe Sr.
10/11/2024 3:27:58 PM
BENJAMIN STEPHEN MCCABE SR. - CIVIL
MO-PE-2003015005

DATE PREPARED
10/11/2024

ROUTE	STATE
I - 35	MO
DISTRICT	SHEET NO.
KC	16A

COUNTY
CLAY

JOB NO.
JKU0060

CONTRACT ID.

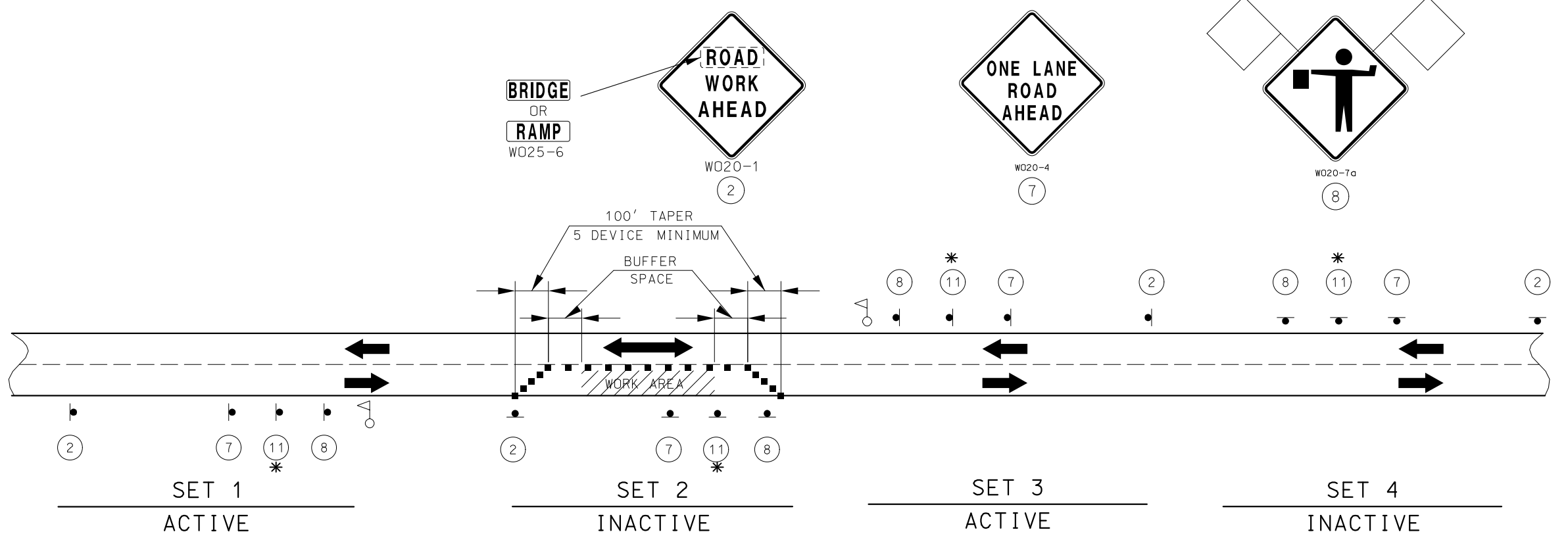
PROJECT NO.
BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SIGN SETS 1 AND 3 ARE ACTIVE (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:

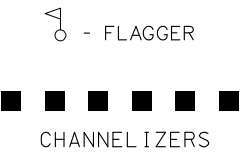
SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.

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

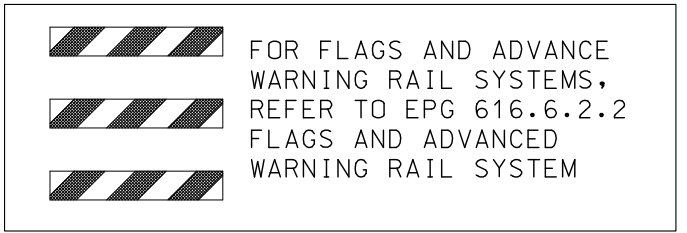
DAYLIGHT FLAGGING OPERATIONS ONLY.

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.

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

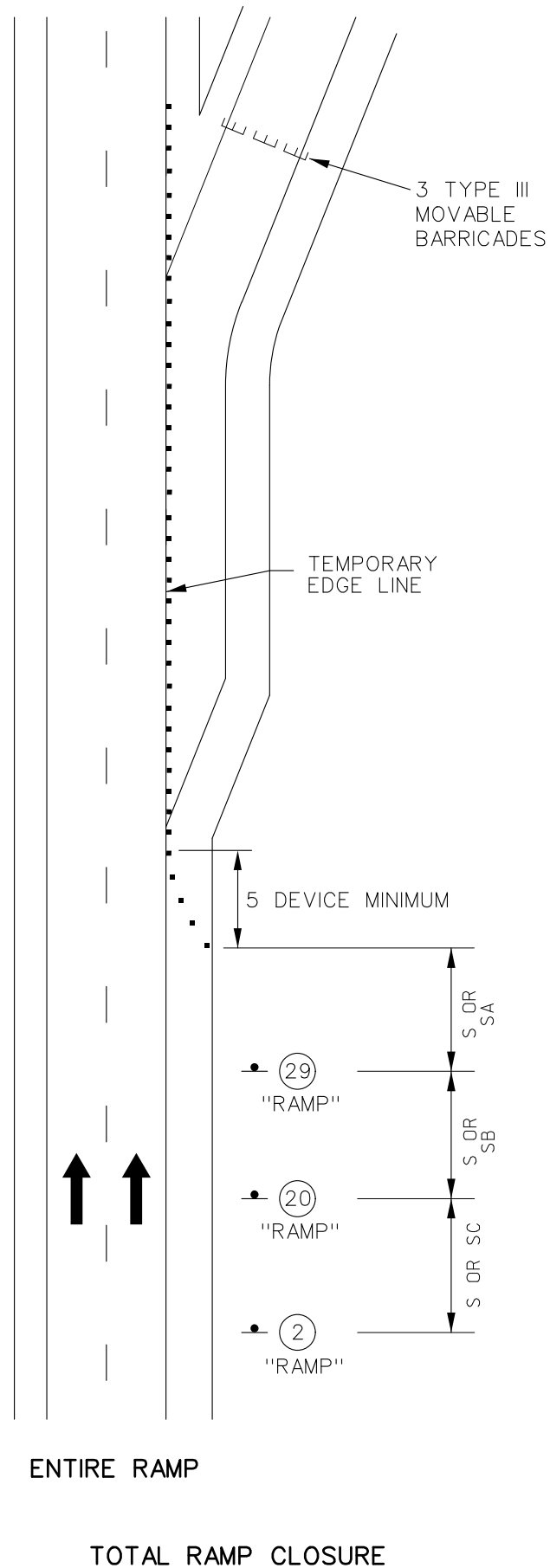


* NOTE: THIS SIGN IS INSERTED BETWEEN SIGNS 7 & 8 WITH THE SPACING OF 1/2 THE STANDARD SPACING WHEN NO WORK ZONE SPEED LIMIT IS ESTABLISHED.



1 SHEET ADDED

FLAGGER CONTROL
RESURFACING
OR MOVING OPERATION
TEMPORARY
TRAFFIC CONTROL
SHEET 8 OF 9



BRIDGE OR RAMP





BRIDGE OR RAMP




BRIDGE OR RAMP




 FOR FLAGS AND ADVANCE WARNING RAIL SYSTEMS, REFER TO EPG 616.6.2.2

 FLAGS AND ADVANCED WARNING RAIL SYSTEM



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.
- TEMPORARY PAVEMENT MARKING OPTIONAL FOR SHORT TERM OPERATIONS.
- IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.
- REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND AND GUIDELINES FOR THE DEVICE.

 SHEET ADDED

PARTIAL OR TOTAL EXIT RAMP CLOSURE

TEMPORARY TRAFFIC CONTROL SHEET 9 OF 9

STATE OF MISSOURI
BENJAMIN STEPHEN MCCABE SR.
NUMBER
PE-2003015005
PROFESSIONAL ENGINEER

Benjamin Stephen McCabe Sr.

10/11/2024 3:59:00 PM
BENJAMIN STEPHEN MCCABE SR - CIVIL
MO-PE-2003015005

DATE PREPARED
10/10/2024

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