MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED

STATE HIGHWAY
DAVIESS, LINN, GRUNDY COUNTY

DESIGN DESIGNATION

US 36 (LINN) A.A.D.T. - 2025 = 10746
US 36 (LINN) A.A.D.T. - 2035 = 11947
D.H.V. = 7.91%
T = 40%
V = 65 M.P.H.
D = 49%/51%
FUNCTIONAL CLASSIFICATION - FREEWAY

MO 6 (DAVIESS) A.A.D.T. - 2025 = 4038
MO 6 (DAVIESS) A.A.D.T. - 2035 = 4347
D.H.V. = 8.33%
T = 22%
V = 60 M.P.H.
D = 50%/50%
FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

US 69 (DAVIESS) A.A.D.T. - 2025 = 3710
US 69 (DAVIESS) A.A.D.T. - 2035 = 3900
D.H.V. = 8.83%
T = 14%
V = 60 M.P.H.
D = 49%/51%
FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

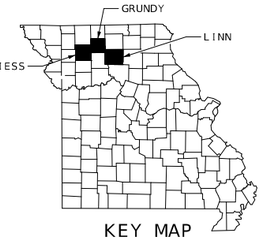
MO 6 (GRUNDY) A.A.D.T. - 2025 = 4096
MO 6 (GRUNDY) A.A.D.T. - 2035 = 4368
D.H.V. = 8.33%
T = 20%
V = 25 M.P.H.
D = 49%/51%
FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

NO RIGHT OF WAY ACQUISITION

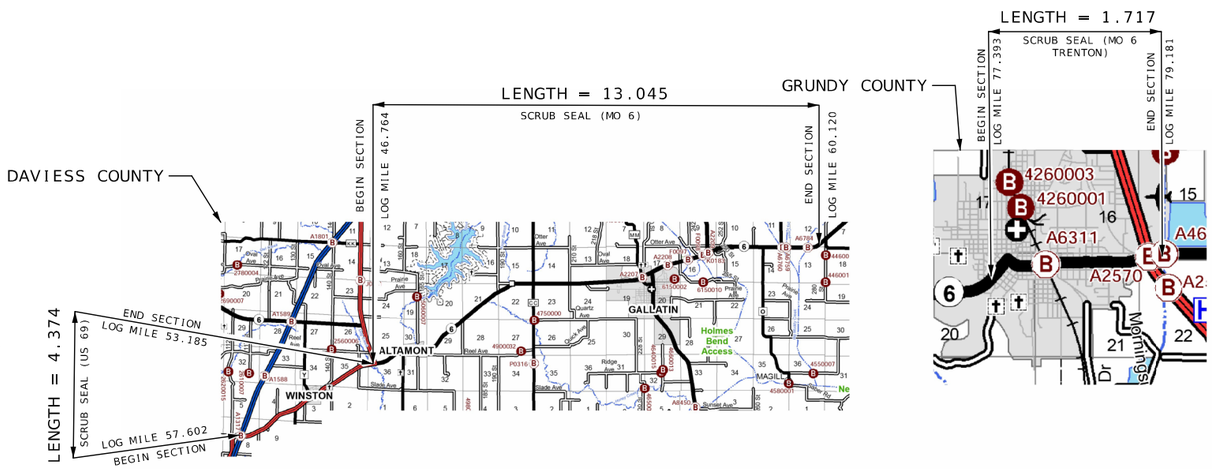
CONVENTIONAL SYMBOLS
(USED IN PLANS)

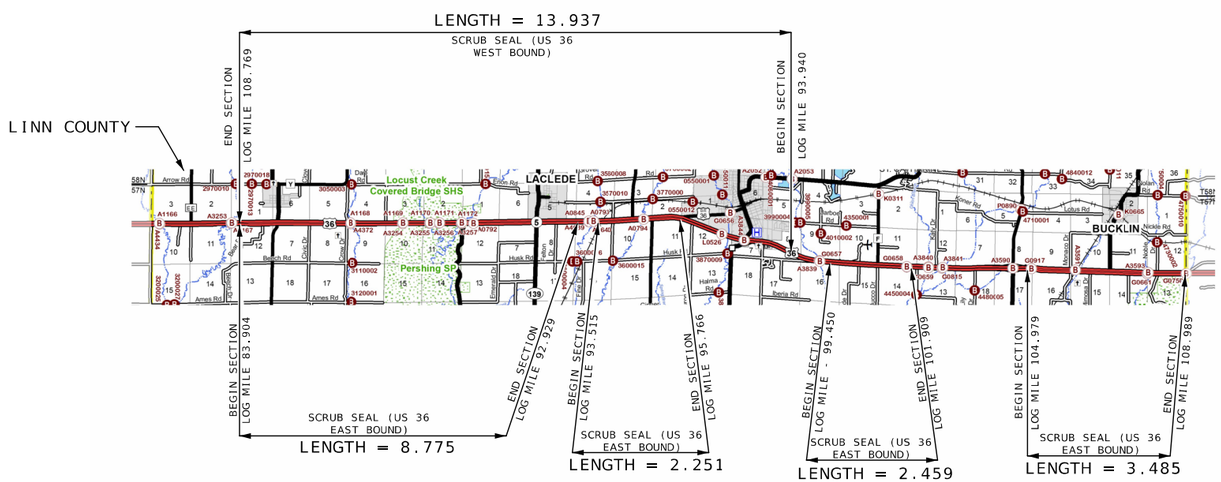
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	V	
WOVEN WIRE	X	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



KEY MAP
LOCATION OF DAVIESS, LINN, & GRUNDY COUNTY





NOT TO SCALE

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) (5 SHEETS)	2
QUANTITIES (QU) (4 SHEETS)	3
TRAFFIC CONTROL SHEETS (TC)	4-18

LENGTH OF PROJECT

DAVIESS COUNTY, US 69

BEGINNING OF SECTION	LOG MILE 57.602	
END OF SECTION	LOG MILE 53.185	
APPARENT LENGTH	4.417	MILES
EXCEPTIONS: *SEE TYPICALS FOR BRIDGE EXCEPTIONS		
TOTAL CORRECTIONS	-0.043	MILES
NET LENGTH	4.374	MILES

DAVIESS COUNTY, MO 6

BEGINNING OF SECTION	LOG MILE 46.764	
END OF SECTION	LOG MILE 60.120	
APPARENT LENGTH	13.356	MILES
EXCEPTIONS: *SEE TYPICALS FOR BRIDGE EXCEPTIONS		
TOTAL CORRECTIONS	-0.311	MILES
NET LENGTH	13.045	MILES

GRUNDY COUNTY, MO 6 TRENTON

BEGINNING OF SECTION	LOG MILE 77.393	
END OF SECTION	LOG MILE 79.181	
APPARENT LENGTH	1.788	MILES
EXCEPTIONS: *SEE TYPICALS FOR BRIDGE EXCEPTIONS		
TOTAL CORRECTIONS	-0.071	MILES
NET LENGTH	1.717	MILES

LINN COUNTY, US 36 WB

BEGINNING OF SECTION	LOG MILE 93.940	
END OF SECTION	LOG MILE 108.769	
APPARENT LENGTH	14.829	MILES
EXCEPTIONS: *SEE TYPICALS FOR BRIDGE AND PAVEMENT EXCEPTIONS		
TOTAL CORRECTIONS	-0.892	MILES
NET LENGTH	13.937	MILES

LINN COUNTY, US 36 EB

BEGINNING OF SECTION	LOG MILE 83.904	
END OF SECTION	LOG MILE 92.929	
APPARENT LENGTH	9.025	MILES
EXCEPTIONS: *SEE TYPICALS FOR BRIDGE EXCEPTIONS		
TOTAL CORRECTIONS	-0.250	MILES
NET LENGTH	8.775	MILES

LINN COUNTY, US 36 EB

BEGINNING OF SECTION	LOG MILE 93.515	
END OF SECTION	LOG MILE 95.766	
APPARENT LENGTH	2.251	MILES
NET LENGTH	2.251	MILES

LINN COUNTY, US 36 EB

BEGINNING OF SECTION	LOG MILE 99.450	
END OF SECTION	LOG MILE 101.909	
APPARENT LENGTH	2.459	MILES
NET LENGTH	2.459	MILES

LINN COUNTY, US 36 EB

BEGINNING OF SECTION	LOG MILE 104.979	
END OF SECTION	LOG MILE 108.989	
APPARENT LENGTH	4.01	MILES
EXCEPTIONS: *SEE TYPICALS FOR BRIDGE AND PAVEMENT EXCEPTIONS		
TOTAL CORRECTIONS	-0.525	MILES
NET LENGTH	3.485	MILES

NET LENGTH OF PROJECT	50.043	MILES
STATE LENGTH	50.043	MILES
FOR IMFORMATION ONLY ESTIMATED DISTURBED ACRES	0	ACRES

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
08/14/2025 12:23:47 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED: 8/13/2025

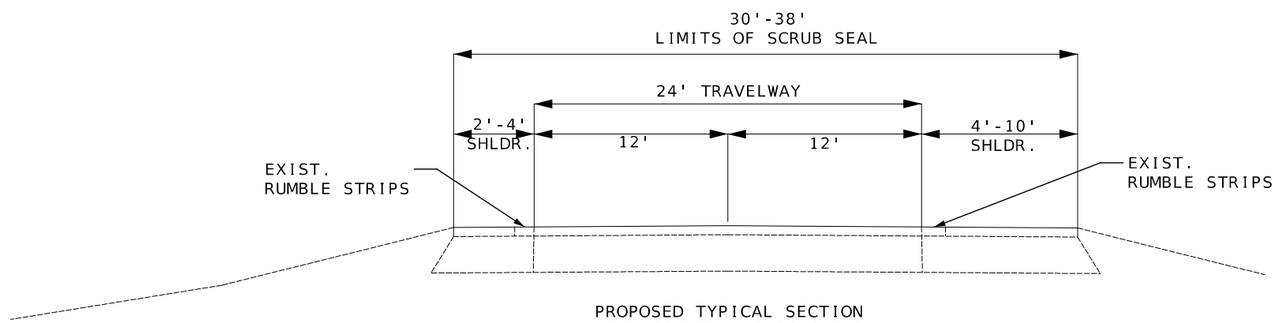
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	1

COUNTY: VARIOUS
JOB NO.: JNW0037
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)

EXCEPTIONS	
EXIST. H.F.S.T.	L.M. 96.863 TO L.M. 97.470
BRIDGE A0793	L.M. 99.360 TO L.M. 99.384
BRIDGE A0845	L.M. 99.478 TO L.M. 99.493
BRIDGE A1172	L.M. 102.828 TO L.M. 102.920
BRIDGE A1171	L.M. 103.419 TO L.M. 103.460
BRIDGE A1170	L.M. 103.649 TO L.M. 103.693
BRIDGE A1169	L.M. 104.323 TO L.M. 104.392



PROPOSED TYPICAL SECTION
LINN COUNTY, US 36 (WBL)

LOG MILE 93.940 TO LOG MILE 96.863
LOG MILE 97.470 TO LOG MILE 99.360
LOG MILE 99.384 TO LOG MILE 99.478
LOG MILE 99.493 TO LOG MILE 102.828
LOG MILE 102.920 TO LOG MILE 103.419
LOG MILE 103.460 TO LOG MILE 103.649
LOG MILE 103.693 TO LOG MILE 104.323
LOG MILE 104.392 TO LOG MILE 108.769

NOT TO SCALE

TYPICAL SECTIONS
SHEET 1 OF 5

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER
Brian M Rosenthal
08/14/2025 12:24:24 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED
8/13/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	2

COUNTY
VARIOUS

JOB NO.
JNW0037

CONTRACT ID.

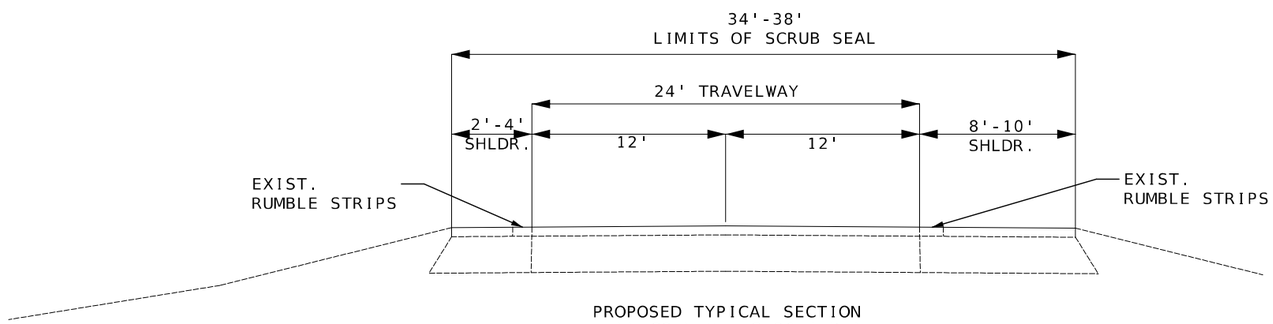
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

EXCEPTIONS	
BRIDGE A3254	L.M. 88.287 TO L.M. 88.357
BRIDGE A3255	L.M. 88.992 TO L.M. 89.036
BRIDGE A3256	L.M. 89.223 TO L.M. 89.260
BRIDGE A3257	L.M. 89.761 TO L.M. 89.860
EXIST. H.F.S.T	L.M. 104.987 TO L.M. 105.465
R.R. BRIDGE	L.M. 106.089 TO L.M. 106.136



PROPOSED TYPICAL SECTION
LINN COUNTY, US 36 (EBL)

LOG MILE 83.904 TO LOG MILE 84.356
LOG MILE 84.356 TO LOG MILE 87.579
LOG MILE 87.579 TO LOG MILE 88.287
LOG MILE 88.357 TO LOG MILE 88.992
LOG MILE 89.036 TO LOG MILE 89.223
LOG MILE 89.260 TO LOG MILE 89.761
LOG MILE 89.860 TO LOG MILE 92.929
LOG MILE 93.515 TO LOG MILE 95.766
LOG MILE 99.450 TO LOG MILE 101.909
LOG MILE 104.979 TO LOG MILE 104.987
LOG MILE 105.465 TO LOG MILE 106.089
LOG MILE 106.136 TO LOG MILE 108.989

NOT TO SCALE

TYPICAL SECTIONS
SHEET 2 OF 5

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER
Brian M. Rosenthal
08/14/2025 12:24:53 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED
8/13/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	2

COUNTY
VARIOUS

JOB NO.
JNW0037

CONTRACT ID.

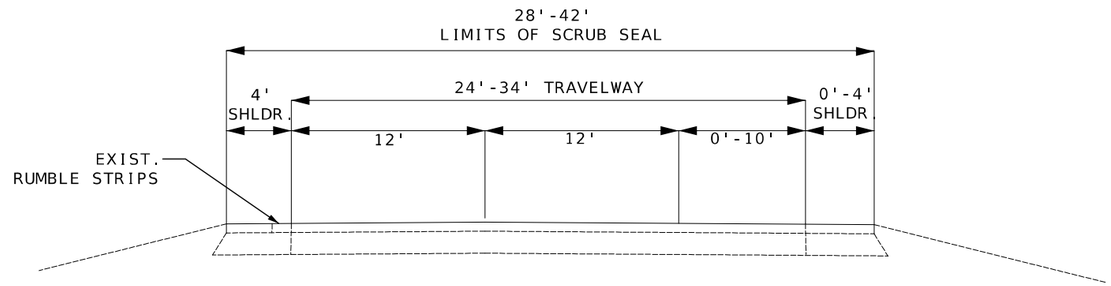
PROJECT NO.

BRIDGE NO.

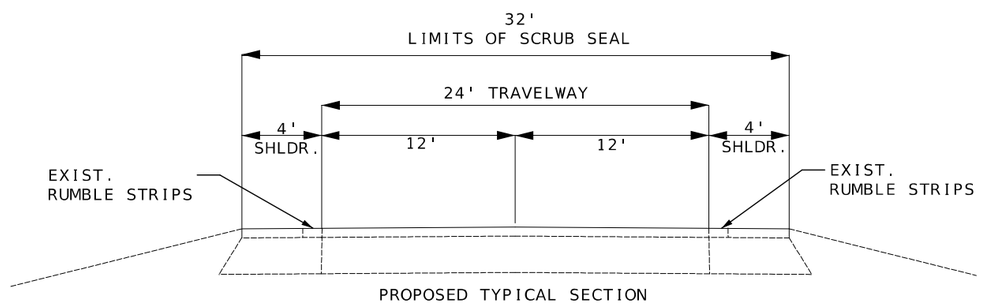
DATE	DESCRIPTION

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

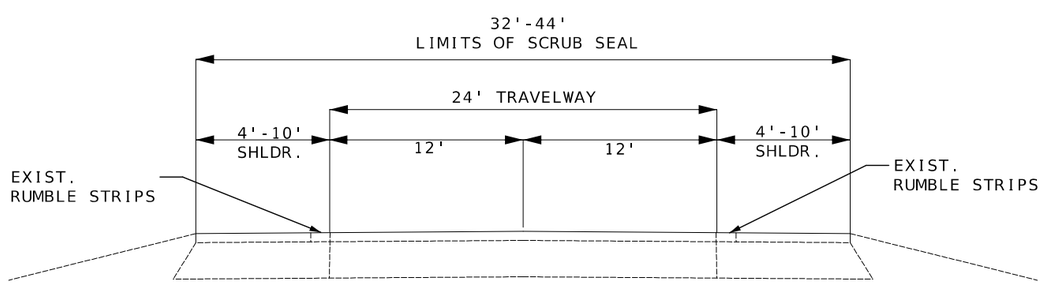
EXCEPTIONS	
BRIDGE A1317	L.M. 57.486 TO L.M. 57.529



PROPOSED TYPICAL SECTION
DAVIESS COUNTY, US 69
LOG MILE 53.185 TO LOG MILE 53.279



PROPOSED TYPICAL SECTION
DAVIESS COUNTY, US 69
LOG MILE 53.279 TO LOG MILE 57.274



PROPOSED TYPICAL SECTION
DAVIESS COUNTY, US 69
LOG MILE 57.274 TO LOG MILE 57.486
LOG MILE 57.529 TO LOG MILE 57.602

NOT TO SCALE

TYPICAL SECTIONS
SHEET 3 OF 5

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER
Brian M. Rosenthal
08/14/2025 12:25:20 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED
8/13/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	2

COUNTY
VARIOUS

JOB NO.
JNW0037

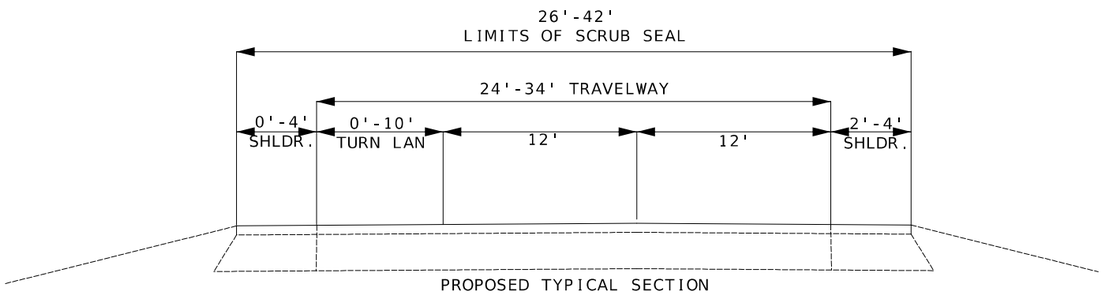
CONTRACT ID.

PROJECT NO.

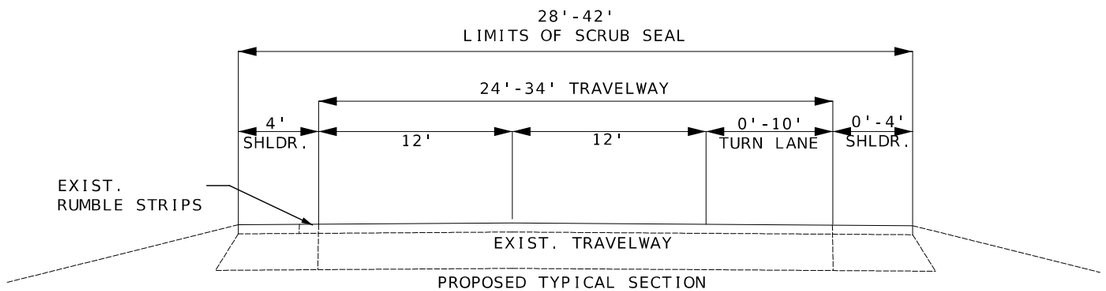
BRIDGE NO.

DESCRIPTION	DATE

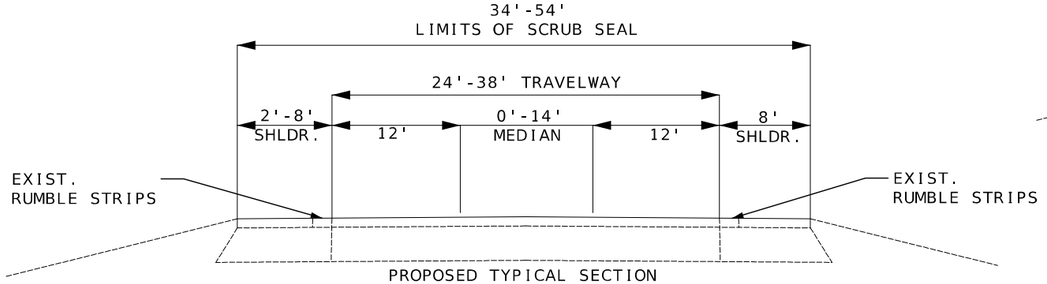
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



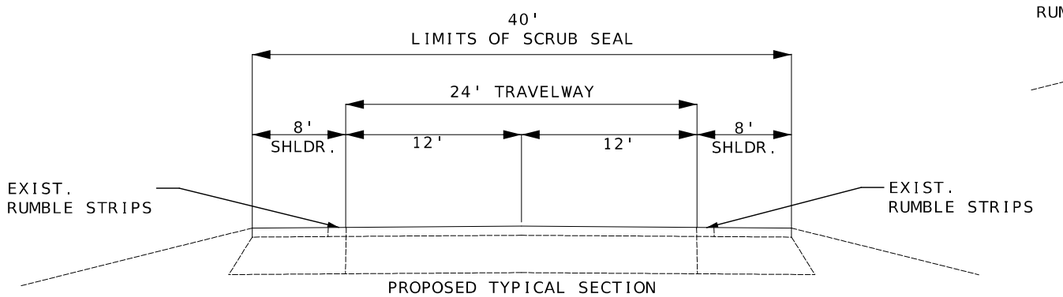
PROPOSED TYPICAL SECTION
DAVIESS COUNTY, MO 6
LOG MILE 46.764 TO LOG MILE 46.819



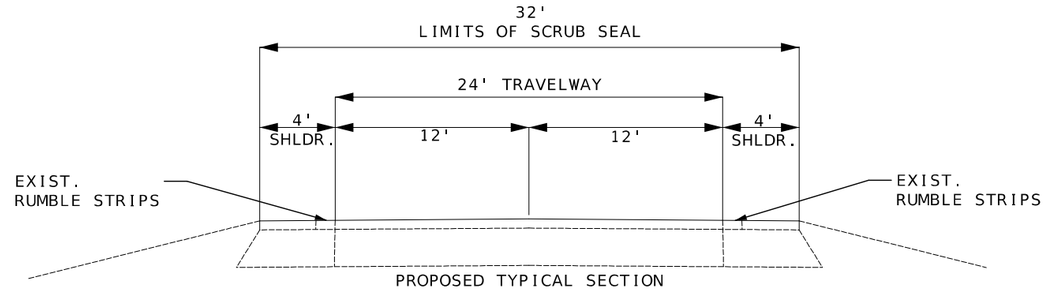
PROPOSED TYPICAL SECTION
DAVIESS COUNTY, MO 6
LOG MILE 53.332 TO LOG MILE 53.412



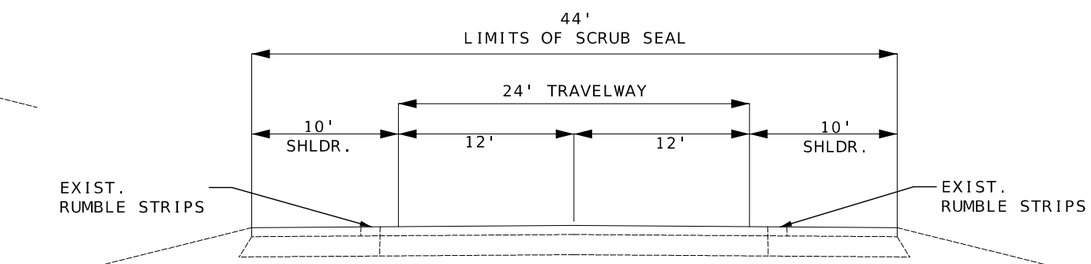
PROPOSED TYPICAL SECTION
DAVIESS COUNTY, MO 6
LOG MILE 53.947 TO LOG MILE 54.284
LOG MILE 55.239 TO LOG MILE 55.300



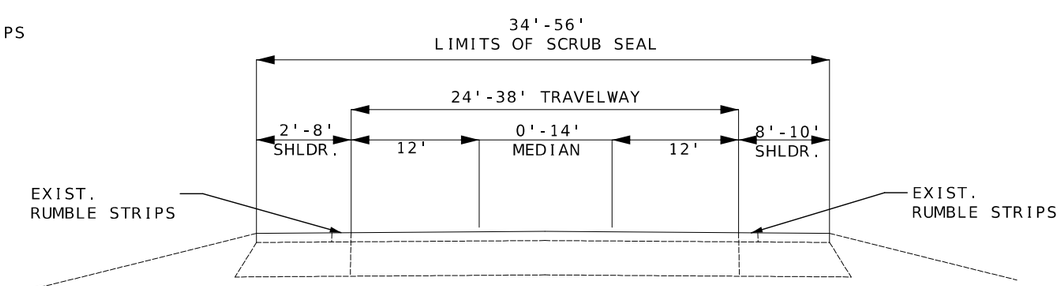
PROPOSED TYPICAL SECTION
DAVIESS COUNTY, MO 6
LOG MILE 55.440 TO LOG MILE 56.298
LOG MILE 56.427 TO LOG MILE 56.789
LOG MILE 56.812 TO LOG MILE 59.000
LOG MILE 59.054 TO LOG MILE 59.116
LOG MILE 59.154 TO LOG MILE 59.742
LOG MILE 59.768 TO LOG MILE 60.120



PROPOSED TYPICAL SECTION
DAVIESS COUNTY, MO 6
LOG MILE 46.819 TO LOG MILE 53.332
LOG MILE 53.412 TO LOG MILE 53.947
LOG MILE 54.284 TO LOG MILE 54.979



PROPOSED TYPICAL SECTION
DAVIESS COUNTY, MO 6
LOG MILE 55.020 TO LOG MILE 55.239



PROPOSED TYPICAL SECTION
DAVIESS COUNTY, MO 6
LOG MILE 55.300 TO LOG MILE 55.440

EXCEPTIONS	
BRIDGE A2207	L.M. 54.979 TO L.M. 55.020
BRIDGE F0097	L.M. 56.298 TO L.M. 56.427
BRIDGE F0098	L.M. 56.789 TO L.M. 56.812
BRIDGE A6760	L.M. 59.000 TO L.M. 59.054
BRIDGE A6759	L.M. 59.116 TO L.M. 59.154
BRIDGE A6784	L.M. 59.742 TO L.M. 59.768

NOT TO SCALE

TYPICAL SECTIONS

SHEET 4 OF 5

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER

Brian M Rosenthal
08/14/2025 12:25:44 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED	8/13/2025
ROUTE	VAR.
STATE	MO
DISTRICT	NW
SHEET NO.	2
COUNTY	VARIOUS
JOB NO.	JNW0037
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

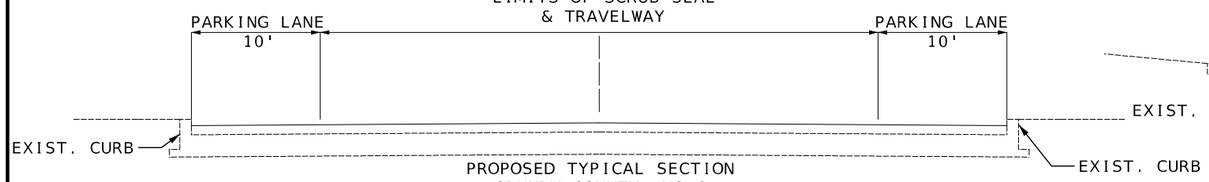
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

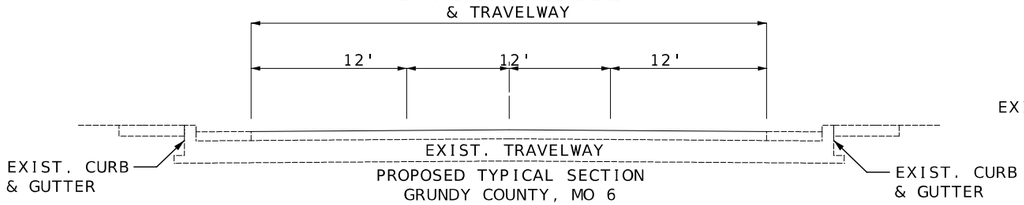
EXCEPTIONS	
BRIDGE A6311	L.M. 78.010 TO L.M. 78.081

34'
LIMITS OF SCRUB SEAL
& TRAVELWAY



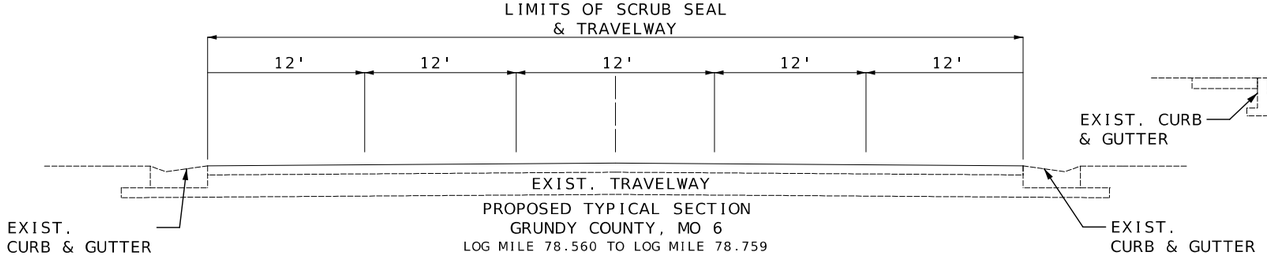
PROPOSED TYPICAL SECTION
GRUNDY COUNTY, MO 6
LOG MILE 77.580 TO LOG MILE 77.681

36'
LIMITS OF SCRUB SEAL
& TRAVELWAY



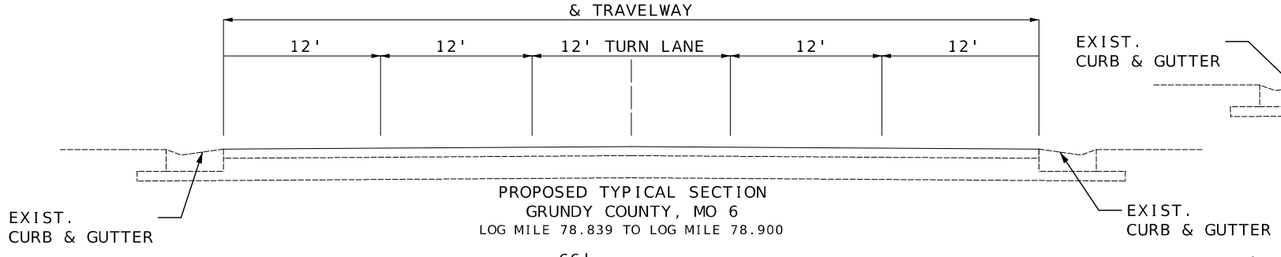
PROPOSED TYPICAL SECTION
GRUNDY COUNTY, MO 6
LOG MILE 77.800 TO LOG MILE 78.010

60'
LIMITS OF SCRUB SEAL
& TRAVELWAY



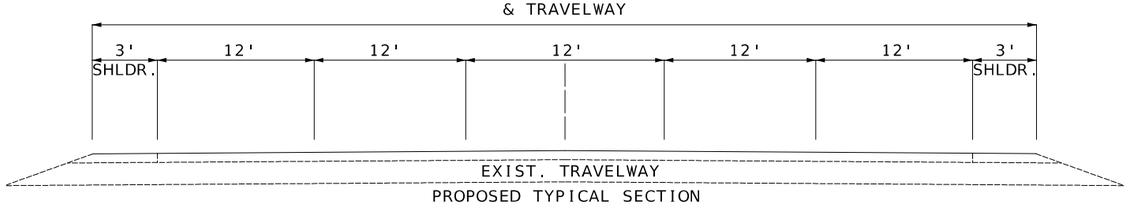
PROPOSED TYPICAL SECTION
GRUNDY COUNTY, MO 6
LOG MILE 78.560 TO LOG MILE 78.759

60'
LIMITS OF SCRUB SEAL
& TRAVELWAY



PROPOSED TYPICAL SECTION
GRUNDY COUNTY, MO 6
LOG MILE 78.839 TO LOG MILE 78.900

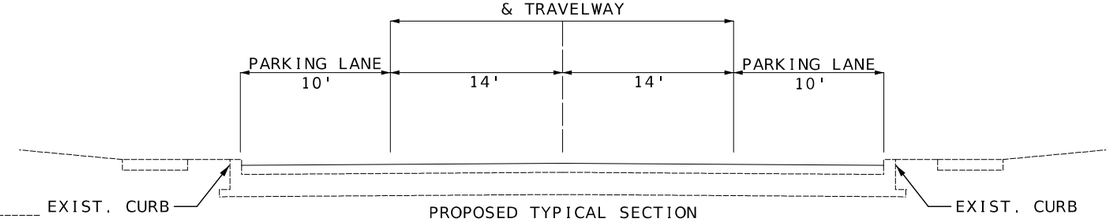
66'
LIMITS OF SCRUB SEAL
& TRAVELWAY



PROPOSED TYPICAL SECTION
GRUNDY COUNTY, MO 6
LOG MILE 78.900 TO LOG MILE 79.000

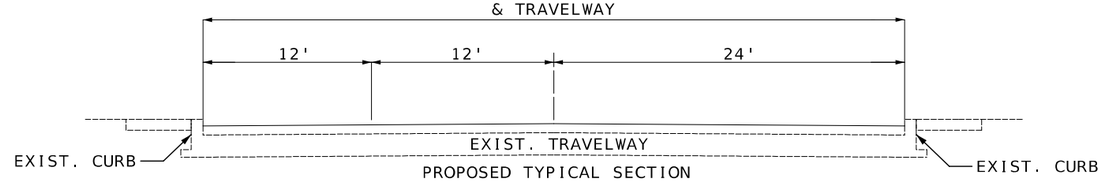
NOT TO SCALE

28'
LIMITS OF SCRUB SEAL
& TRAVELWAY



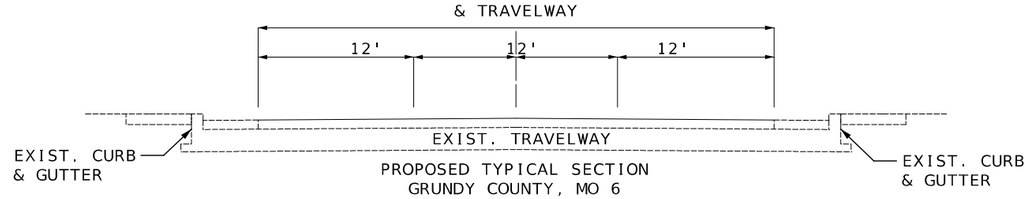
PROPOSED TYPICAL SECTION
GRUNDY COUNTY, MO 6
LOG MILE 77.393 TO LOG MILE 77.580

48'
LIMITS OF SCRUB SEAL
& TRAVELWAY



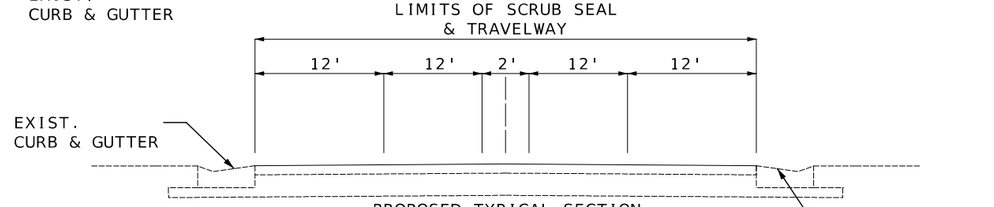
PROPOSED TYPICAL SECTION
GRUNDY COUNTY, MO 6
LOG MILE 77.681 TO LOG MILE 77.800

36'
LIMITS OF SCRUB SEAL
& TRAVELWAY



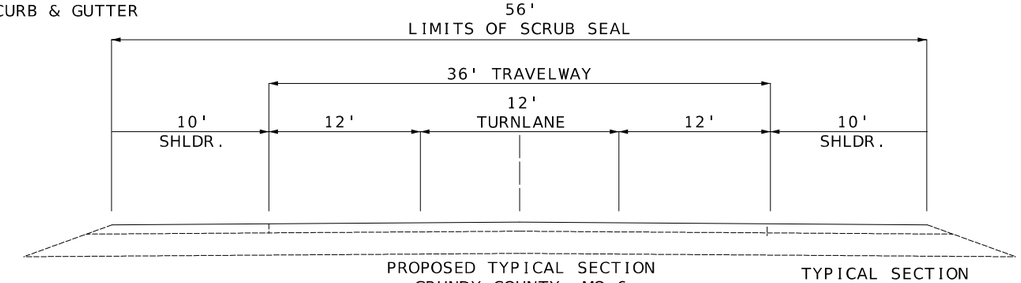
PROPOSED TYPICAL SECTION
GRUNDY COUNTY, MO 6
LOG MILE 78.081 TO LOG MILE 78.560

50'
LIMITS OF SCRUB SEAL
& TRAVELWAY



PROPOSED TYPICAL SECTION
GRUNDY COUNTY, MO 6
LOG MILE 78.759 TO LOG MILE 78.839

56'
LIMITS OF SCRUB SEAL



PROPOSED TYPICAL SECTION
GRUNDY COUNTY, MO 6
LOG MILE 79.000 TO LOG MILE 79.181

TYPICAL SECTION
SHEET 5 OF 5

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER
08/14/2025 12:26:07 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED	
8/13/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	2
COUNTY	
VARIOUS	
JOB NO.	
JNW0037	
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)

SCRUB SEAL: LINN COUNTY US 36 WB

FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
93.940	96.863	2.923	14	24	65,163.41	Beg. of Section to Beg. Of Microsurfacing
97.470	99.360	1.890	14	24	42,134.40	End Of Microsurfacing to BR. A0793
99.384	99.478	0.094	14	24	2,095.57	After BR. A0793 to BR. A0845
99.493	102.828	3.335	14	24	74,348.27	After BR. A0845 to BR. A1172
102.920	103.419	0.499	14	24	11,124.37	After BR. A1172 to BR. A1171
103.460	103.649	0.189	14	24	4,213.44	After BR. A1171 to BR. A1170
103.693	104.323	0.630	14	24	14,044.80	After BR. A1170 to BR. A1169
104.392	108.769	4.377	14	24	97,577.92	After BR. A1169 to End of Section
					2,150.00	Quantity For Turn Lanes
					312,852.18	SUBTOTAL

SCRUB SEAL: LINN COUNTY, US 36 EB

FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (S.Y.)	REMARKS
83.904	84.356	0.452	14	24	10,076.59	Beginning of Section
84.356	87.579	3.223	14	24	71,851.41	
87.579	88.287	0.708	14	24	15,783.68	Before Bridge BR. A3254
88.357	88.992	0.635	14	24	14,156.27	After BR. A3254 to Before BR. A3255
89.036	89.223	0.187	14	24	4,168.85	After BR. A3255 to Before BR. A3256
89.260	89.761	0.501	14	24	11,168.96	After BR. A3256 to Before BR. A3257
89.860	92.929	3.069	14	24	68,418.24	After BR. A3257 to End of Section
					1,350.00	Quantity For Turn Lanes
					196,974.00	SUBTOTAL

SCRUB SEAL: LINN COUNTY, US 36 EB

FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (S.Y.)	REMARKS
93.515	95.766	2.251	14	24	50,182.29	Beginning of Section to End of Section
					50,182.29	SUBTOTAL

SCRUB SEAL: LINN COUNTY, US 36 EB

FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (S.Y.)	REMARKS
99.450	101.909	2.459	14	24	54,819.31	Beginning of Section to End of Section
					425.00	Quantity For Turn Lanes
					55,244.31	SUBTOTAL

SCRUB SEAL: LINN COUNTY, US 36 EB

FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
104.979	104.987	0.008	14	24	178.35	Beginning of Section to Beg. Of Microsurfacing
105.465	106.089	0.624	14	24	13,911.04	End of Microsurfacing to to R.R. BR.
106.136	108.989	2.853	14	24	63,602.88	After R.R. BR. to End of Section
					1,500.00	Quantity For Turn Lanes
					79,192.27	SUBTOTAL

CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS
LINN COUNTY, US 36 WB

FROM LOG MILE	TO LOG MILE	LENGTH MILES	6 IN. YELLOW (L.F.)	6 IN. WHITE (L.F.)	REMARKS
93.940	108.769	14.829	78,297.1	97,871.4	Beginning of Section to End
			78,297.1	97,871.4	SUBTOTAL

CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS
LINN COUNTY, US 36 EB

FROM LOG MILE	TO LOG MILE	LENGTH MILES	6 IN. YELLOW (L.F.)	6 IN. WHITE (L.F.)	REMARKS
83.904	92.929	9.025	47,652.00	59,565.00	Beginning of Section
			47,652.00	59,565.00	SUBTOTAL

CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS
LINN COUNTY, US 36 EB

FROM LOG MILE	TO LOG MILE	LENGTH MILES	6 IN. YELLOW (L.F.)	6 IN. WHITE (L.F.)	REMARKS
93.515	95.766	2.251	11,885.28	14,856.60	Beginning of Section to End of Section
			11,885.28	14,856.60	SUBTOTAL

CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS
LINN COUNTY, US 36 EB

FROM LOG MILE	TO LOG MILE	LENGTH MILES	6 IN. YELLOW (L.F.)	6 IN. WHITE (L.F.)	REMARKS
99.450	101.909	2.459	12,983.52	16,229.40	Beginning of Section to End of Section
			12,983.52	16,229.40	SUBTOTAL

CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS
LINN COUNTY, US 36 EB

FROM LOG MILE	TO LOG MILE	LENGTH MILES	6 IN. YELLOW (L.F.)	6 IN. WHITE (L.F.)	REMARKS
104.979	108.989	4.010	21,172.80	26,466.00	Beginning of Section to End of Section
			21,172.80	26,466.00	SUBTOTAL

MOBILIZATION
LUMP SUM =1

SUMMARY OF QUANTITIES
SHEET 1 OF 4

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
08/14/2025 2:40:23 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED: 8/14/2025
ROUTE: VAR. STATE: MO
DISTRICT: NW SHEET NO.: 3
COUNTY: VARIOUS
JOB NO.: JNW0037
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)

SCRUB SEAL: DAVIESS COUNTY, US 69

FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
53.185	53.279	0.094	8	34	2,316.16	Beginning of section
53.279	57.274	3.995	8	24	74,999.47	
57.274	57.486	0.212	20	24	5,472.43	Before BR. A1317
57.529	57.602	0.073	20	44	2,740.91	After BR. A1317 to End of Section
					85,528.97	SUBTOTAL

SCRUB SEAL: DAVIESS COUNTY, MO 6

FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (S.Y.)	REMARKS
46.764	46.819	0.055	8	34	1,355.20	Beginning of Section
46.819	53.332	6.513	8	24	122,270.72	
53.332	53.412	0.080	8	34	1,971.20	
53.412	53.947	0.535	8	24	10,043.73	
53.947	54.284	0.337	16	38	10,676.16	
54.284	54.979	0.695	8	24	13,047.47	Before BR. A2207
55.020	55.239	0.219	20	24	5,653.12	After BR. A2207
55.239	55.300	0.061	16	38	1,932.48	
55.300	55.440	0.140	18	38	4,599.47	
55.440	56.298	0.858	16	24	20,134.40	Before BR. F0097
56.427	56.789	0.362	16	24	8,494.93	After BR. F0097 to BR. F0098
56.812	59.000	2.188	16	24	51,345.07	After BR. F0098 to BR. A6760
59.054	59.116	0.062	16	24	1,454.93	After BR. A6760 to BR. A6759
59.154	59.742	0.588	16	24	13,798.40	After BR. A6759 to BR. A6784
59.768	60.120	0.352	16	24	8,260.27	After BR. A6787 to End of Section
					275,037.55	SUBTOTAL

SCRUB SEAL: GRUNDY COUNTY, MO 6 (TRENTON)

FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
77.393	77.580	0.187		28	3,071.79	Start at 4th Street
77.580	77.681	0.101		34	2,014.61	
77.681	77.800	0.119		48	3,351.04	
77.800	78.010	0.210		36	4,435.20	BEFORE BRIDGE A6311
78.081	78.560	0.479		36	10,116.48	AFTER BRIDGE A6311
78.560	78.759	0.199		60	7,004.80	
78.759	78.839	0.080		50	2,346.67	
78.839	78.900	0.061		60	2,147.20	
78.900	79.000	0.100	6	60	3,872.00	
79.000	79.181	0.181	20	36	5,946.45	End at Muddy Creek BR. West End
					44,306.24	SUBTOTAL

PAVEMENT MARKING PAINT
GRUNDY COUNTY MO 6 (TRENTON)

FROM LOG MILE	TO LOG MILE	LENGTH (MILES)	4 IN. YELLOW CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS (L.F.)	6 IN. WHITE CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS (L.F.)	24 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS (L.F.)	REMARKS
77.393	77.580	0.187	1,629.14			
77.580	77.681	0.101	879.91			
77.625	77.642				48.20	NO PARKING
77.681	77.800	0.119	1,036.73	1,256.64		
77.800	78.560	0.760	6,621.12	8,025.60		
78.560	78.759	0.199	1,733.69	2,101.44		
78.620	78.642				34.80	NO PARKING
78.721	78.740				34.20	CENTER GORE
78.759	78.839	0.080	696.96	844.80		
78.839	78.900	0.061	531.43	644.16		
78.871	78.896				82.90	CENTER GORE
78.900	79.000	0.100	871.20	1,056.00		
79.000	79.181	0.181	1,576.87	1,911.36		
			15,577.05	15,840.00	200.10	SUBTOTAL

CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS
DAVIESS COUNTY, US 69

FROM LOG MILE	TO LOG MILE	LENGTH MILES	4 IN. YELLOW (L.F.)	6 IN. WHITE (L.F.)	REMARKS
53.185	57.602	4.417	38,480.90	46,643.52	Beginning of Section to End
			38,480.90	46,643.52	SUBTOTAL

CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS
DAVIESS COUNTY, MO 6

FROM LOG MILE	TO LOG MILE	LENGTH MILES	4 IN. YELLOW (L.F.)	6 IN. WHITE (L.F.)	REMARKS
46.764	60.120	13.356	116,357.47	141,039.36	Beginning of Section to End
			116,357.47	141,039.36	SUBTOTAL

PREFORMED THERMOPLASTIC PAVEMENT MARKING
GRUNDY COUNTY MO 6 (TRENTON)

LOG MILE	LOCATION	LEFT/RIGHT ARROW EACH	24" WHITE (L.F.)	6" WHITE (L.F.)	REMARKS
77.634	ROUTE 6 RT.		12.0	87.0	STOP BAR AND CROSS WALK
0.681	MAIN ST. LT.		12.0	76.0	STOP BAR AND CROSS WALK
0.679	MAIN ST. C.L.		12.0	114.0	STOP BAR AND CROSS WALK
77.643	ROUTE 6 LT.		12.0	103.0	STOP BAR AND CROSS WALK
77.854	ROUTE 6 C.L.	1			
77.857	ROUTE 6 C.L.	1			
77.952	ROUTE 6 C.L.	1			
78.142	ROUTE 6 C.L.	1			
78.152	ROUTE 6 AT HARRIS AVE.		12.0	88.0	STOP BAR AND CROSS WALK
78.156	NORTH HARRIS AVE.		12.0	110.0	STOP BAR AND CROSS WALK
78.160	SOUTH HARRIS AVE.		12.0	113.0	STOP BAR AND CROSS WALK
78.164	ROUTE 6 AT HARRIS AVE.		12.0	93.0	STOP BAR AND CROSS WALK
78.191	ROUTE 6 C.L.	1			
78.290	ROUTE 6 C.L.	1			
78.296	ROUTE 6 C.L.	1			
78.385	ROUTE 6 C.L.	1			
78.391	ROUTE 6 C.L.	1			
78.472	ROUTE 6 C.L.	1			
78.478	ROUTE 6 C.L.	1			
78.575	ROUTE 6 C.L.	1			
78.581	ROUTE 6 C.L.	1			
78.636	ROUTE 6 C.L.	1			
78.642	ROUTE 6 C.L.	1			
78.905	ROUTE 6 LT.	1			
78.929	ROUTE 6 LT.	1			
78.941	ROUTE 6		35.0		STOP BAR
78.944	OKLAHOMA AVE.		24.0		STOP BAR
78.949	SHOPKO ENTRANCE		24.0		STOP BAR
78.955	ROUTE 6		24.0		STOP BAR
78.957	ROUTE 6 L.T.		12.0		STOP BAR
78.969	ROUTE 6 C.L.	1			
79.023	ROUTE 6 C.L.	1			
79.056	ROUTE 6 C.L.	1			
		20	215.0	784.0	SUBTOTAL

SUMMARY OF QUANTITIES
SHEET 2 OF 4

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
08-14-2025 2:40:44 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED: 8/14/2025
ROUTE: VAR. STATE: MO
DISTRICT: NW SHEET NO.: 3
COUNTY: VARIOUS
JOB NO.: JNW0037
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)

SCRUB SEAL AND PAVEMENT MARKING TOTALS

SCRUB SEAL (SY)	4 IN. YELLOW CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS (L.F.)	6 IN. YELLOW CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS (L.F.)	6 IN. WHITE CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS (L.F.)	24 IN. YELLLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT TYPE L BEADS (L.F.)	PREFORMED THERMOPLASTIC PAVEMENT MARKING LEFT/RIGHT ARROW EACH	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24" WHITE (L.F.)	PREFORMED THERMOPLASTIC PAVEMENT MARKING 6" WHITE (L.F.)	REMARKS
312,852.18		78,297.10	97,871.40					US 36 WB
196,974.00		47,652.00	59,565.00					US 36 EB
50,182.29		11,885.28	14,856.60					US 36 EB
55,244.31		12,983.52	16,229.40					US 36 EB
79,192.27		21,172.80	26,466.00					US 36 EB
85,528.97	38,480.90		46,643.52					US 69
275,037.55	116,357.47		141,039.36					MO 6
44,306.24	15,577.05		15,840.00	200.10	20	215.00	784.00	MO 6 (TRENTON)
1,099,317.81	170,415.42	171,990.70	418,511.28	200.10	20	215.00	784.00	SUBTOTALS
1,099,318	170,415	171,991	418,511	200	20	215	784	PAY TOTALS

SUMMARY OF QUANTITIES
SHEET 3 OF 4

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER
08/14/2025 2:41:02 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED
8/14/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	3

COUNTY
VARIOUS

JOB NO.
JNW0037

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)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00	1	16.00			40	YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00	58	928.00			11	BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00	1	16.00			62	MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00	1	16.00			43	ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00	20	180.00			57	FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00	20	320.00			35	NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	58	928.00			2	ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	12	192.00			7	ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	6	96.00			5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	2	32.00			6	RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	58	928.00			8	FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19	4	8.76			61	WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00	1	12.00			49	GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	8	80.00			1	ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	8	64.00			26	END ROAD WORK
GO20-4	36X18	4.50	4	18.00			53	PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	58	507.50			58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	8	48.00			54	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)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93	1	6.93			13	YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	17	204.00			4/4A	SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00	10	160.00			60	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						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						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 LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-8	48X36	12.00	8	96.00			59	WORK ZONE NO PHONE ZONE
WO4-2R	48X48	16.00	2	32.00			6A	LANE ENDS (RIGHT)
WO4-2L	48X48	16.00	2	32.00			6B	LANE ENDS (LEFT)

616-10.05 CONSTRUCTION SIGNS	TOTAL	4922*
616-10.10 RELOCATED SIGNS	TOTAL	

ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025 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)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	500*	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	4*	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055	12*	SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A	2	CHANGEABLE MESSAGE SIGN WITHOUT 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
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

6169901	1	LUMP SUM TEMPORARY TRAFFIC CONTROL (*ITEM INCLUDED)

NOTE: ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01 MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL. UNLESS OTHERWISE NOTED, QUANTITIES SHOWN ARE ESTIMATE ONLY AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS.

PAY ITEM 6161098A IS NOT INCLUDED IN MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL AND WILL BE PAID FOR AS EACH.

SUMMARY OF QUANTITIES

SHEET 4 OF 4

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
Brian M Rosenthal
08/14 2025 2:41:25 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED 8/13/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	3

COUNTY: VARIOUS

JOB NO. JNW0037

CONTRACT ID.

PROJECT NO.

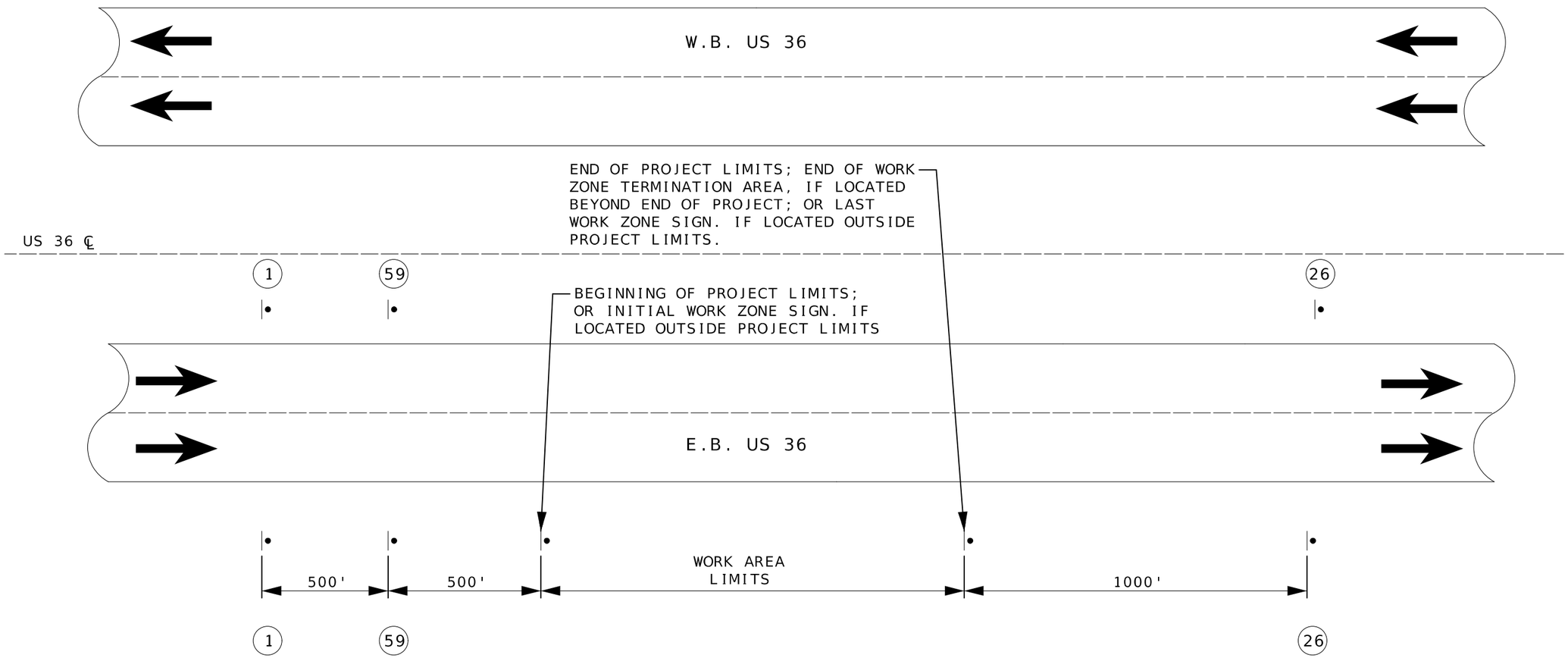
BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

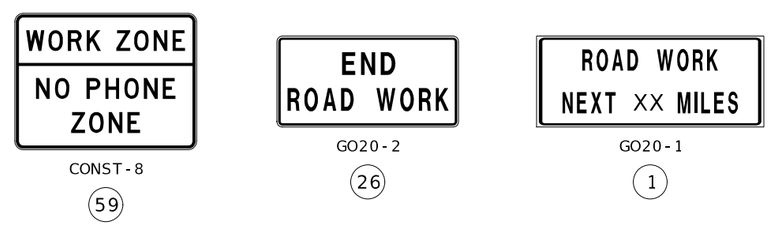
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



NOTES:

SIGN (1) AND (26) ARE ONLY USED ON PROJECTS LENGTHS 2 MILES OR GREATER.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



BEGINNING AND END OF PROJECT SIGNING ON US 36

NOT TO SCALE

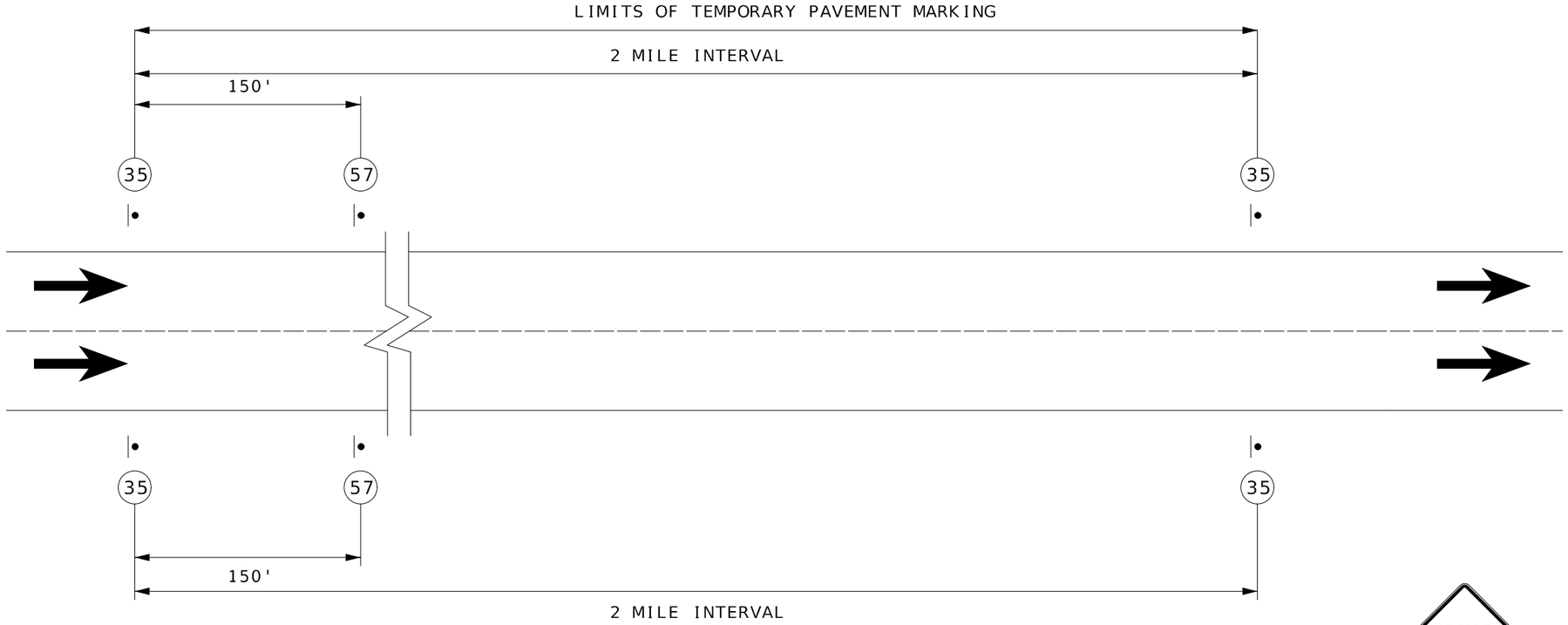
TRAFFIC CONTROL
SHEET 1 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
Brian M. Rosenthal
08/14/2025 12:14:33 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

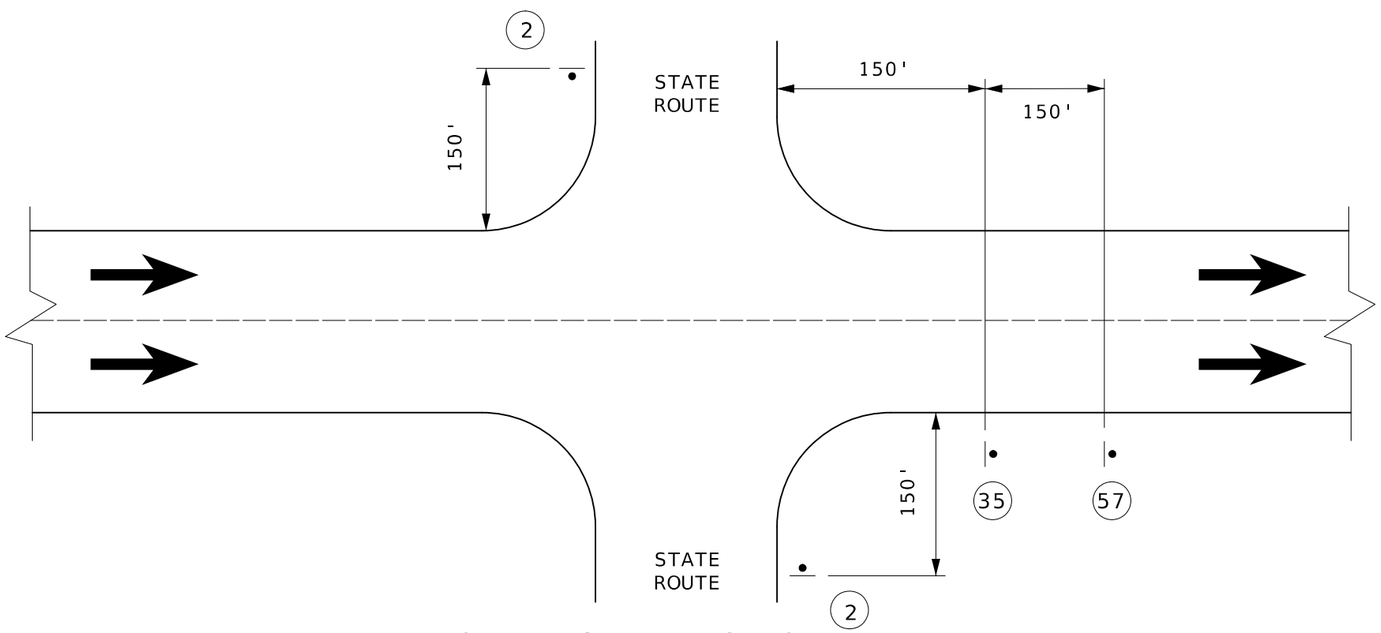
DATE PREPARED	
8/13/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: NW	SHEET NO.: 4
COUNTY: VARIOUS	
JOB NO.: JNW0037	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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



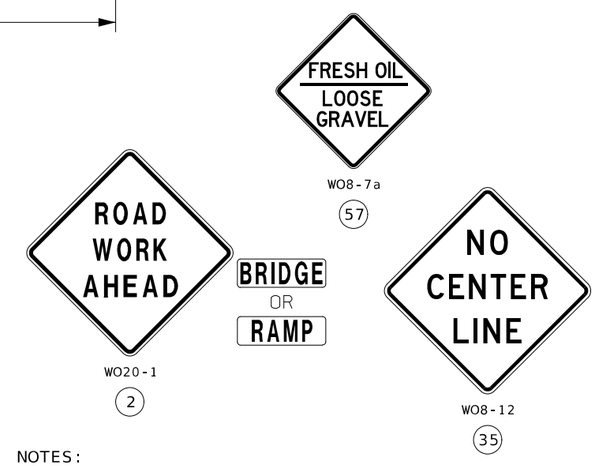
SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



TEMPORARY STRIPING FOR MAINLINE
SIGN SPACING AT STATE ROUTE INTERSECTION
ON US 36

NOT TO SCALE

NOTE: ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.



NOTES:

SIGN 35 AND TYPE 2 TRPM INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN 35 IS PLACED AT APPROXIMATLEY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-LENGTH MILE OF THE NORMAL MAINLINE SIGN 35, THE LATTER MAY BE ELIMINATED.

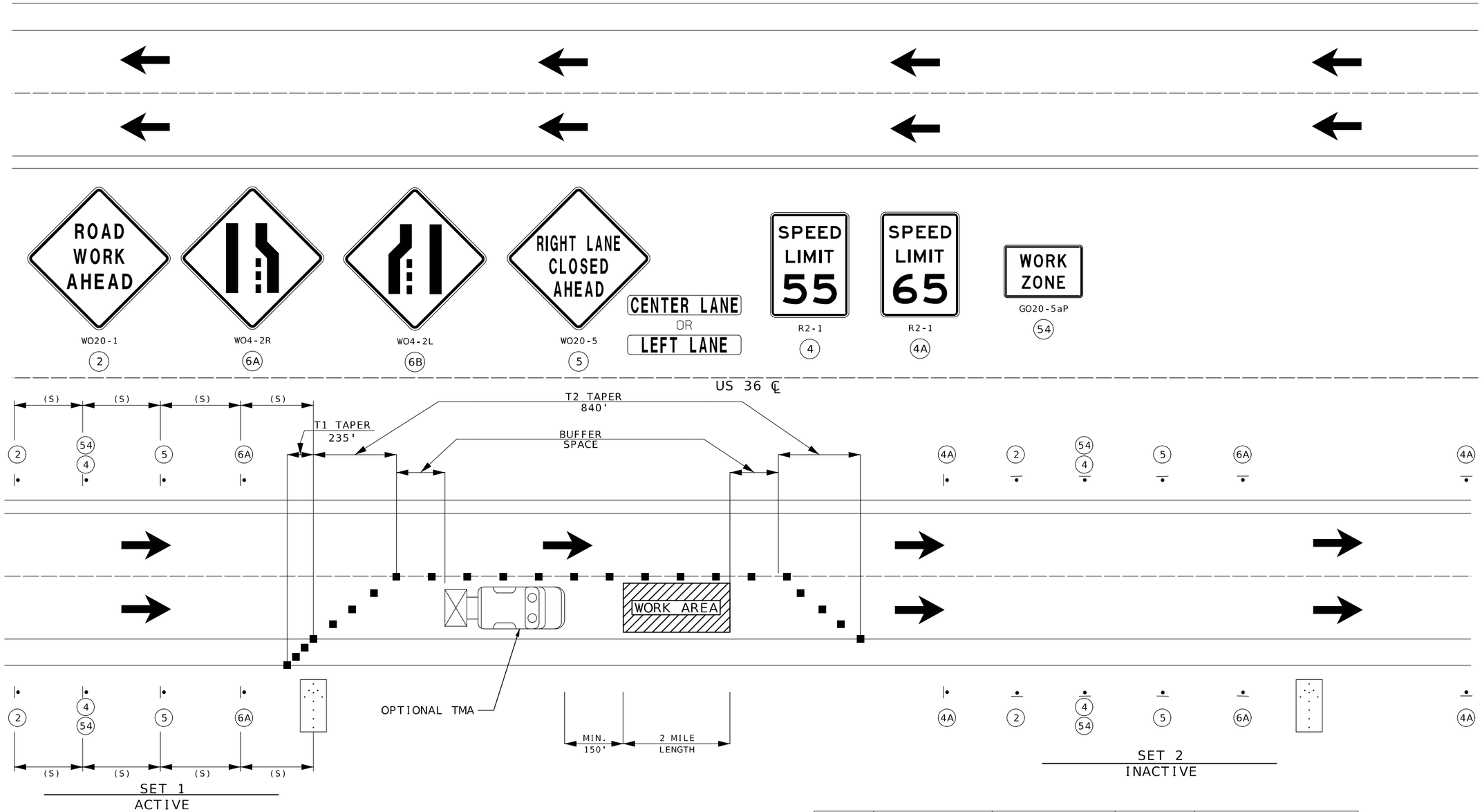
ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
Brian M. Rosenthal
08/14/2025 12:15:13 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED	8/13/2025
ROUTE	VAR.
STATE	MO
DISTRICT	NW
SHEET NO.	5
COUNTY	VARIOUS
JOB NO.	JNW0037
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)



NOTES:

(1) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

■ —— CHANNELIZERS

—— ARROW BOARD

—— OPTIONAL TMA NO DIRECT PAY

NOT TO SCALE

SPEED	SIGN SPACING (ft.)	TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Divided (S)	Shoulder(1) (T1)	Lane(2) (T2)	BUFFER LENGTH (ft.) (B)	Tapers	Buffer/ Work Area
0-35	200	70	245	250	35	40
40-45	500	150	540	360	40	80
50-55	1000	185	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120

SCRUB SEAL AGGREGATE APPLICATION
ON US 36

TRAFFIC CONTROL
SHEET 3 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER

Brian M. Rosenthal
08/14/2025 12:16:04 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

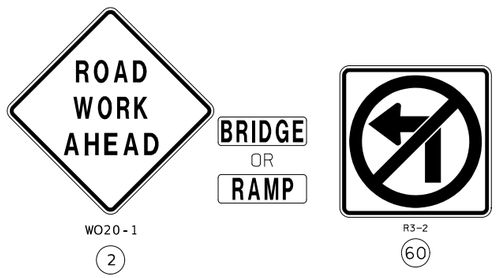
DATE PREPARED	
8/13/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: NW	SHEET NO.: 6
COUNTY: VARIOUS	
JOB NO.: JNW0037	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

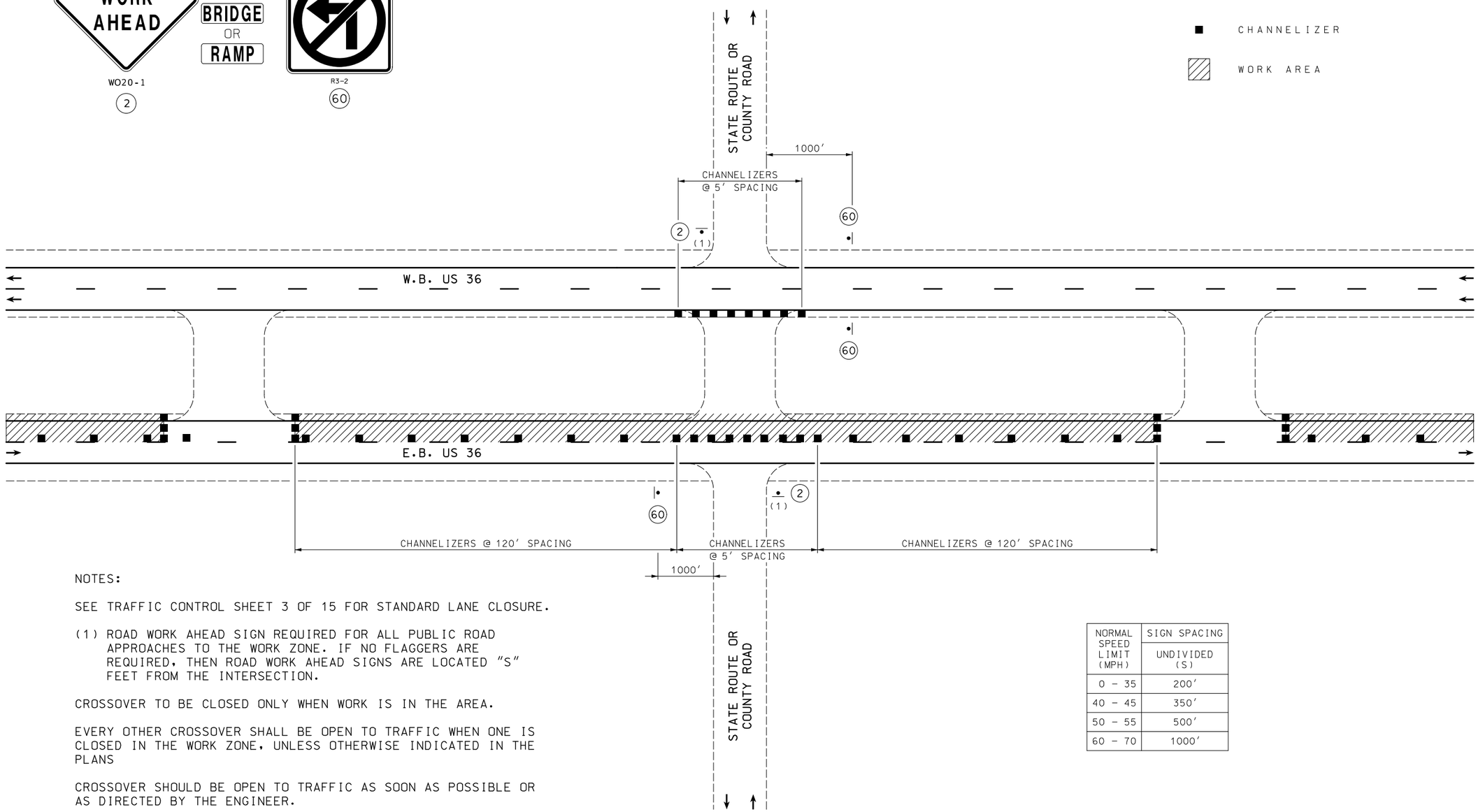
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



TRAFFIC CONTROL LEGEND

- SIGN ASSEMBLY
- CHANNELIZER
- WORK AREA



NOTES:

SEE TRAFFIC CONTROL SHEET 3 OF 15 FOR STANDARD LANE CLOSURE.

(1) ROAD WORK AHEAD SIGN REQUIRED FOR ALL PUBLIC ROAD APPROACHES TO THE WORK ZONE. IF NO FLAGGERS ARE REQUIRED, THEN ROAD WORK AHEAD SIGNS ARE LOCATED "S" FEET FROM THE INTERSECTION.

CROSSOVER TO BE CLOSED ONLY WHEN WORK IS IN THE AREA.

EVERY OTHER CROSSOVER SHALL BE OPEN TO TRAFFIC WHEN ONE IS CLOSED IN THE WORK ZONE, UNLESS OTHERWISE INDICATED IN THE PLANS

CROSSOVER SHOULD BE OPEN TO TRAFFIC AS SOON AS POSSIBLE OR AS DIRECTED BY THE ENGINEER.

NORMAL SPEED LIMIT (MPH)	SIGN SPACING
	UNDIVIDED (S)
0 – 35	200′
40 – 45	350′
50 – 55	500′
60 – 70	1000′

NOT TO SCALE

INSIDE LANE CLOSURE AT CROSSOVERS
ON US 36

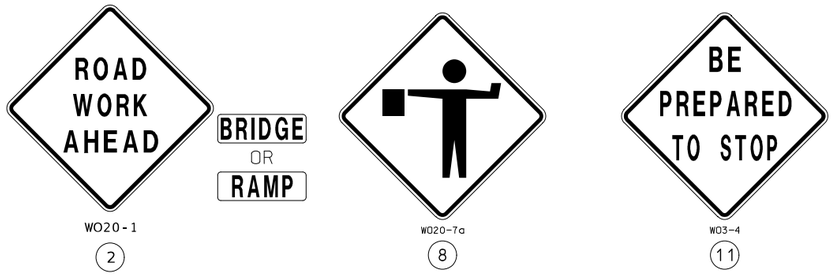
TRAFFIC CONTROL
SHEET 4 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER
Brian M Rosenthal
08/14/2025 12:16:46 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED	
8/13/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: NW	SHEET NO.: 7
COUNTY: VARIOUS	
JOB NO.: JNW0037	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

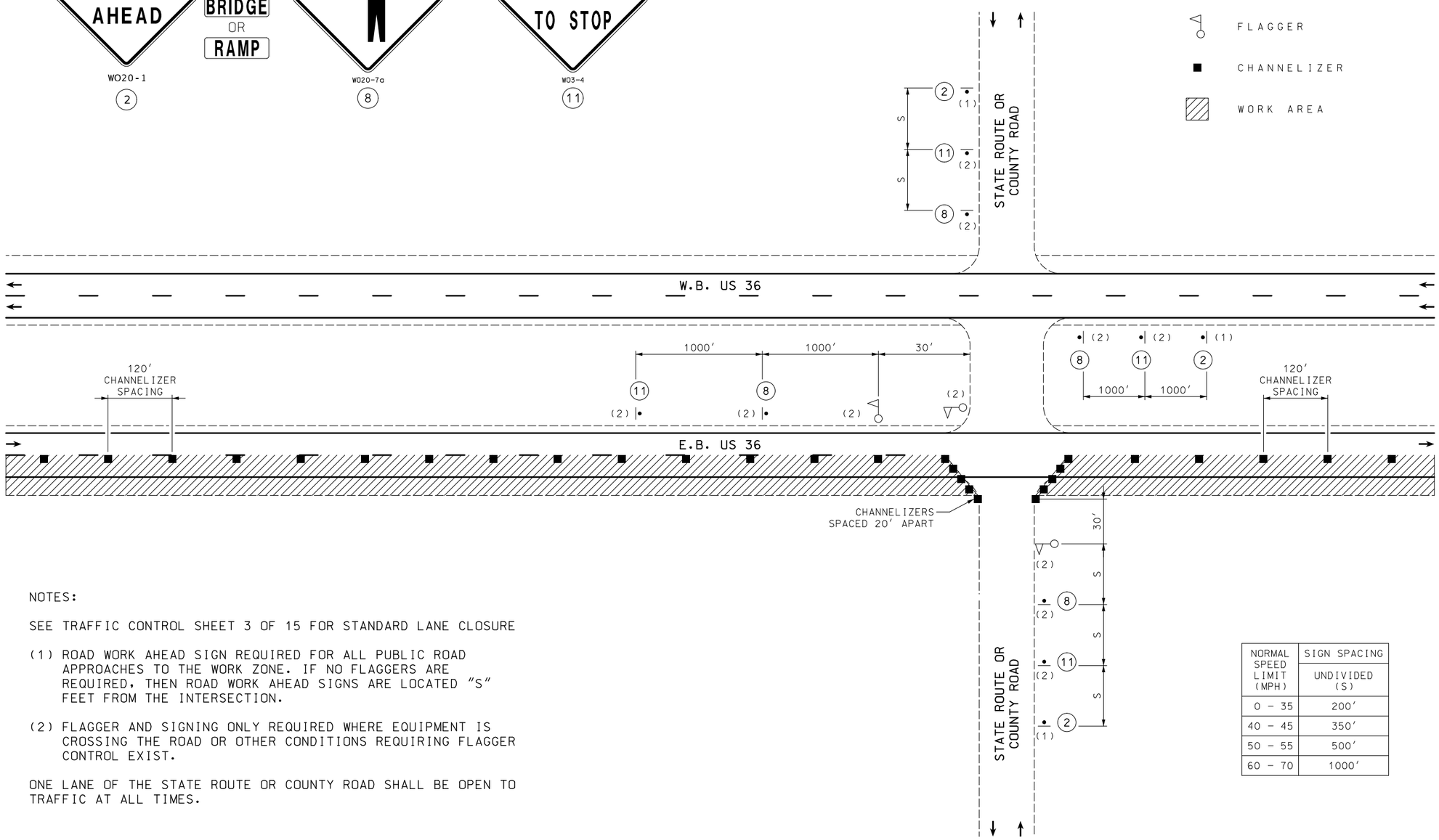
DATE	DESCRIPTION

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



TRAFFIC CONTROL LEGEND

- SIGN ASSEMBLY
- FLAGGER
- CHANNELIZER
- WORK AREA



NOTES:

SEE TRAFFIC CONTROL SHEET 3 OF 15 FOR STANDARD LANE CLOSURE

(1) ROAD WORK AHEAD SIGN REQUIRED FOR ALL PUBLIC ROAD APPROACHES TO THE WORK ZONE. IF NO FLAGGERS ARE REQUIRED, THEN ROAD WORK AHEAD SIGNS ARE LOCATED "S" FEET FROM THE INTERSECTION.

(2) FLAGGER AND SIGNING ONLY REQUIRED WHERE EQUIPMENT IS CROSSING THE ROAD OR OTHER CONDITIONS REQUIRING FLAGGER CONTROL EXIST.

ONE LANE OF THE STATE ROUTE OR COUNTY ROAD SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

NORMAL SPEED LIMIT (MPH)	SIGN SPACING
	UNDIVIDED (S)
0 – 35	200′
40 – 45	350′
50 – 55	500′
60 – 70	1000′

NOT TO SCALE

OUTSIDE LANE CLOSURE AT CROSSOVERS ON US 36

TRAFFIC CONTROL SHEET 5 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
Brian M. Rosenthal
08/14/2025 12:17:18 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

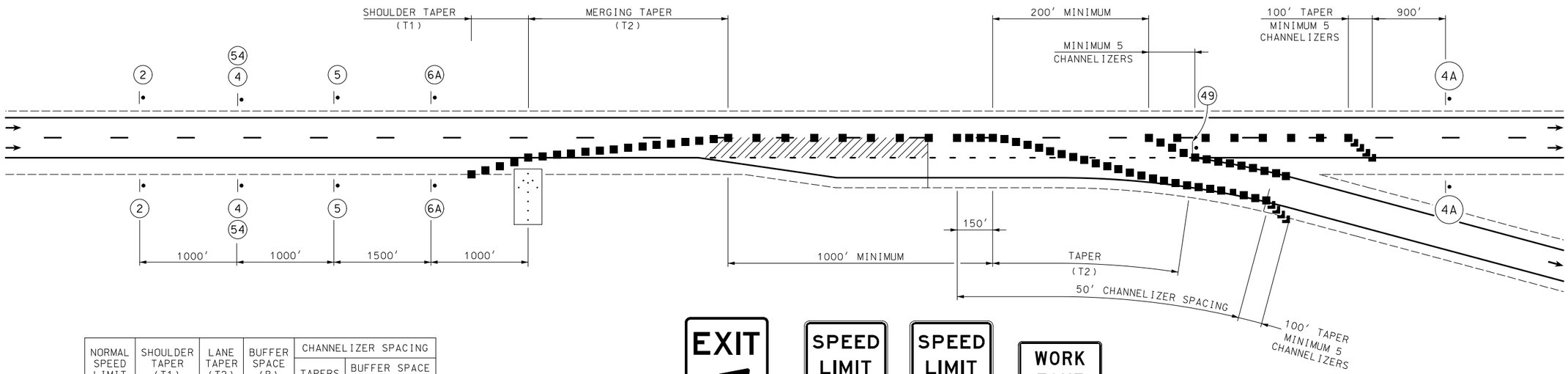
DATE PREPARED	8/13/2025
ROUTE	VAR.
STATE	MO
DISTRICT	NW
SHEET NO.	8
COUNTY	VARIOUS
JOB NO.	JNW0037
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

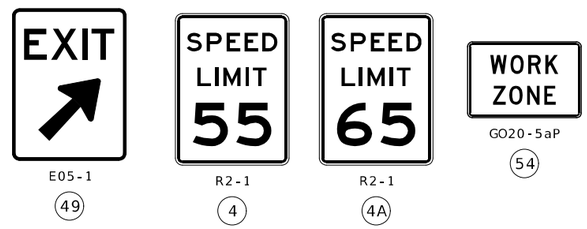
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

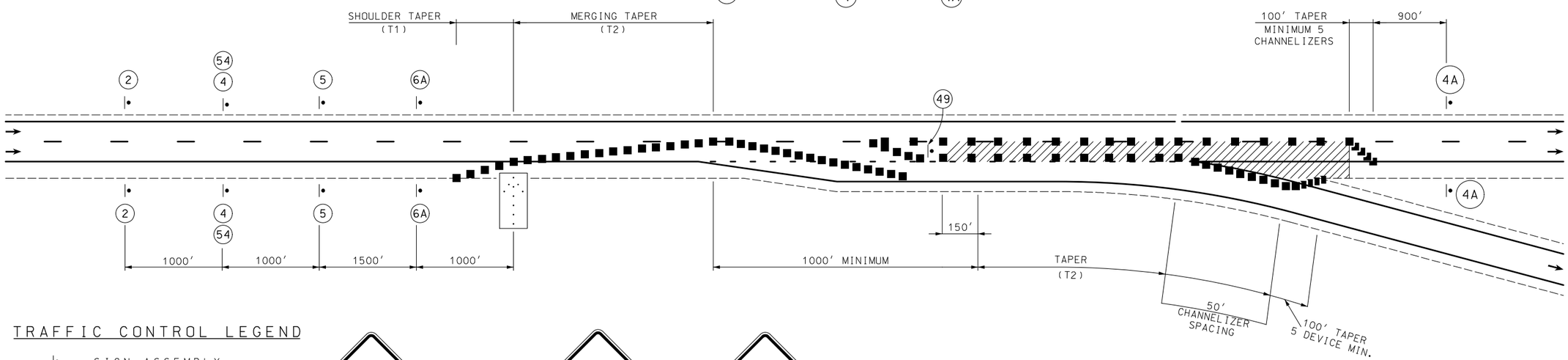
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



NORMAL SPEED LIMIT	SHOULDER TAPER (T1)	LANE TAPER (T2)	BUFFER SPACE (B)	CHANNELIZER SPACING	
				TAPERS	BUFFER SPACE & WORK AREA
65 MPH	235'	840'	840'	60'	120'

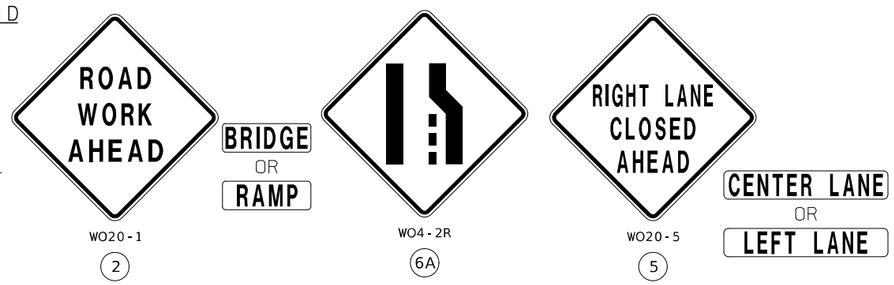


E05-1 (49) R2-1 (4) R2-1 (4A) G020-5aP (54)



TRAFFIC CONTROL LEGEND

- SIGN ASSEMBLY
- CHANNELIZER
- FLASHING ARROW PANEL
- WORK AREA



W020-1 (2) W04-2R (6A) W020-5 (5)

NOT TO SCALE

WORK IN THE VICINITY OF EXIT RAMPS
ON US 36

TRAFFIC CONTROL
SHEET 6 OF 15

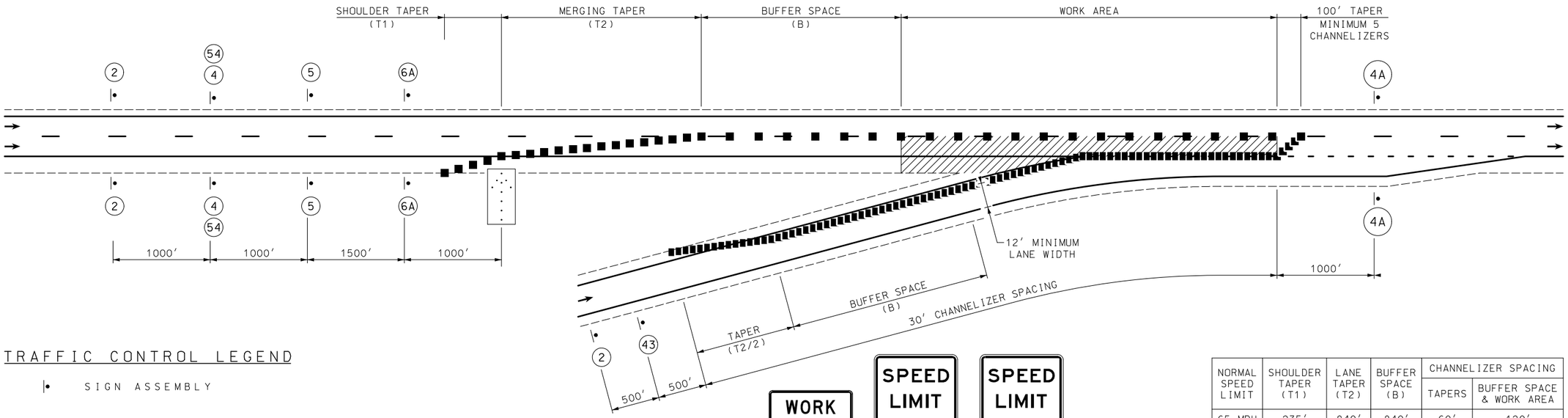
STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER
Brian M. Rosenthal
08/14/2025 12:17:56 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED	
8/13/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	9
COUNTY	
VARIOUS	
JOB NO.	
JNW0037	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

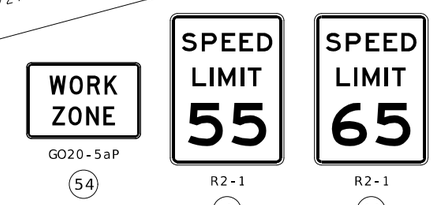
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



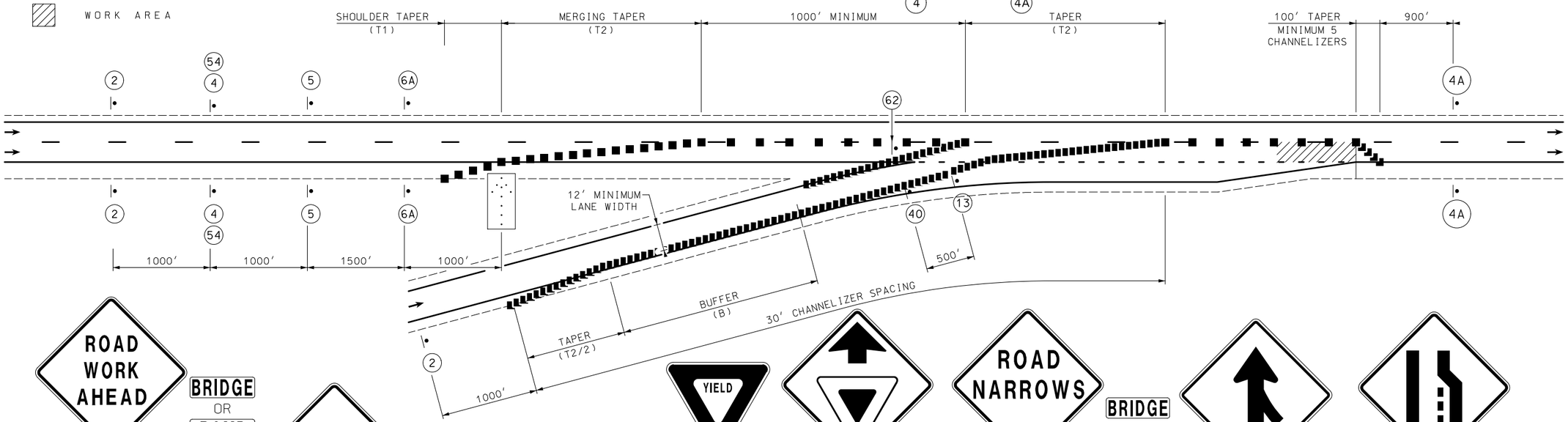
TRAFFIC CONTROL LEGEND

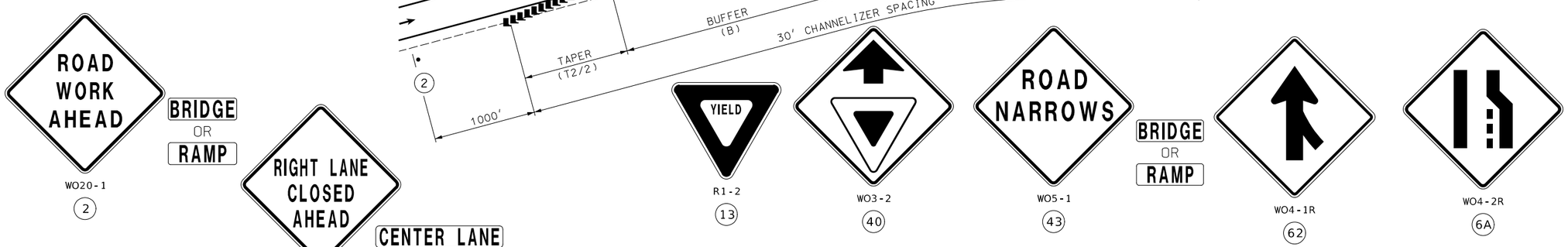
- SIGN ASSEMBLY
- CHANNELIZER
- FLASHING ARROW PANEL
- WORK AREA

NORMAL SPEED LIMIT	SHOULDER TAPER (T1)	LANE TAPER (T2)	BUFFER SPACE (B)	CHANNELIZER SPACING	
				TAPERS	BUFFER SPACE & WORK AREA
65 MPH	235'	840'	840'	60'	120'



GO20-5aP (54) R2-1 (4) R2-1 (4A)





WO20-1 (2) WO20-5 (5) R1-2 (13) WO3-2 (40) WO5-1 (43) WO4-1R (62) WO4-2R (6A)

NOT TO SCALE

WORK IN THE VICINITY OF ENTRANCE RAMPS
ON US 36

TRAFFIC CONTROL
SHEET 7 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER

Brian M. Rosenthal
08/14/2025 12:18:49 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED
8/13/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	10

COUNTY
VARIOUS

JOB NO.
JNW0037

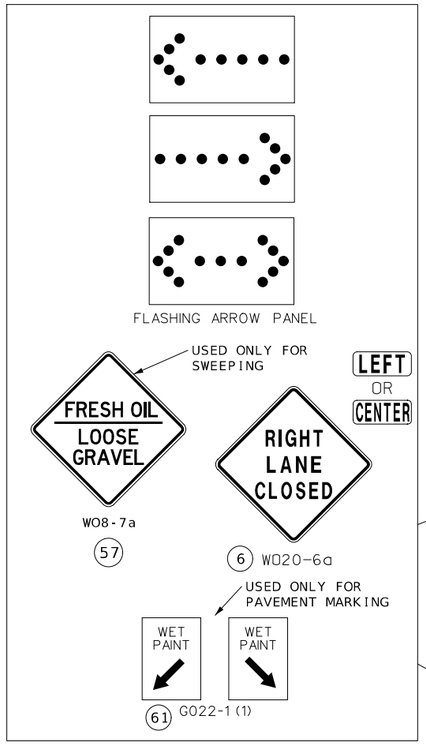
CONTRACT ID.

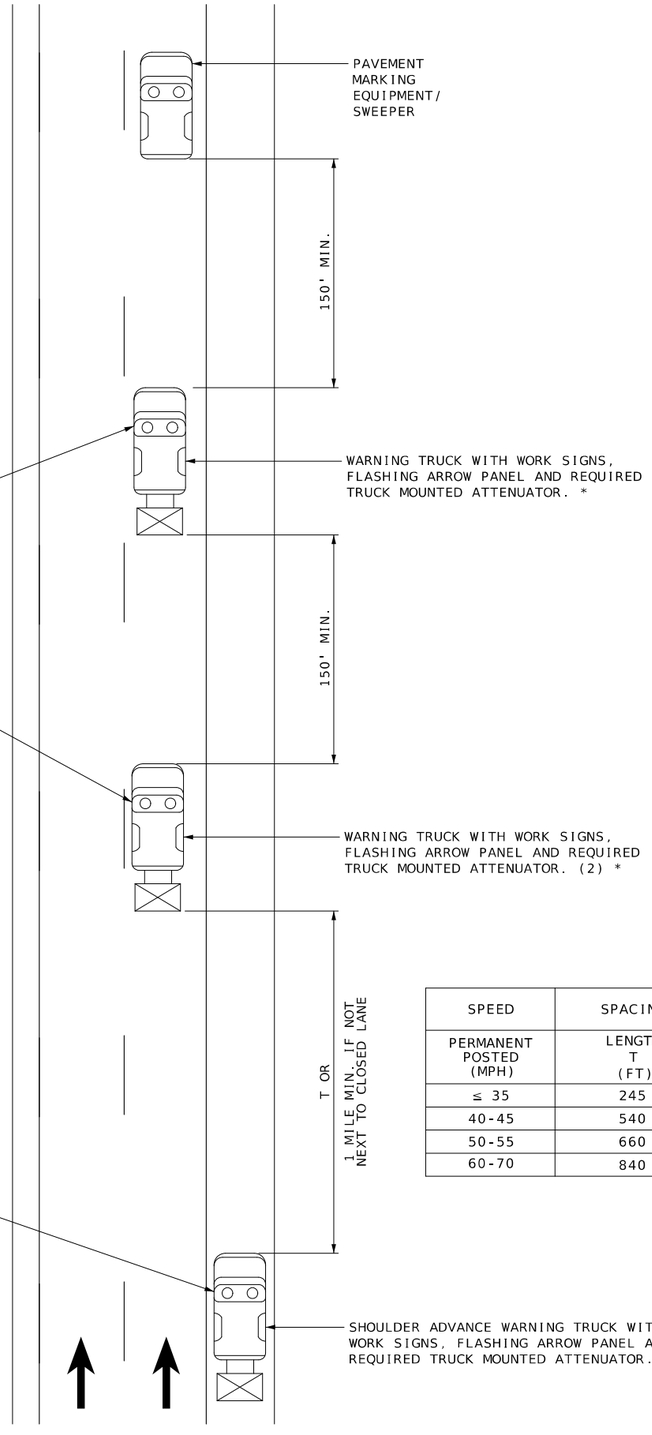
PROJECT NO.

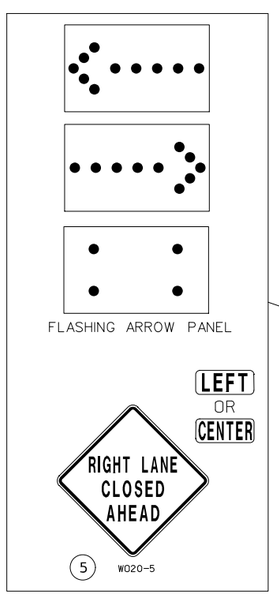
BRIDGE NO.

DESCRIPTION	DATE

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







SPEED	SPACING
PERMANENT POSTED (MPH)	LENGTH T (FT)
≤ 35	245
40-45	540
50-55	660
60-70	840

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 OBSCURED 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.

*TMA COST IS INCIDENTAL - NO DIRECT PAY

NOT TO SCALE

SWEEPING & STRIPING OPERATION ON US 36

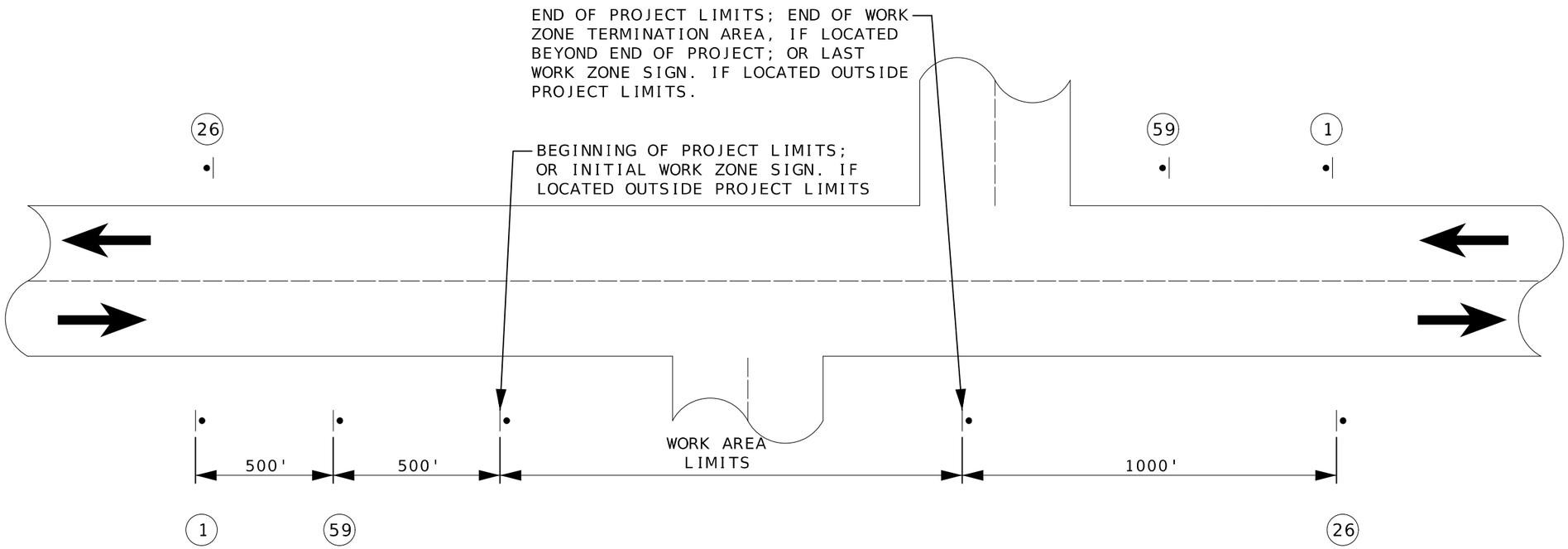
TRAFFIC CONTROL
SHEET 8 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
Brian M. Rosenthal
08/14/2025 12:19:23 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED	
8/13/2025	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 11
COUNTY VARIOUS	
JOB NO. JNW0037	
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)

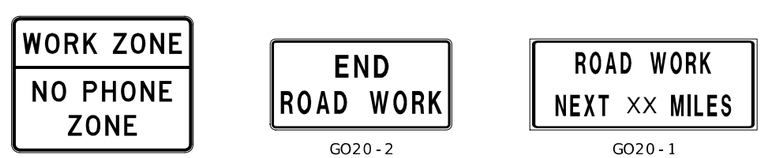


NOTES:

SIGN (1) AND (26) ARE ONLY USED ON PROJECTS LENGTHS 2 MILES OR GREATER.

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



CONST-8

(59)

GO20-2

(26)

GO20-1

(1)

BEGINNING AND END OF
PROJECT SIGNING
ON US 69 & MO 6

NOT TO SCALE

TRAFFIC CONTROL
SHEET 9 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER

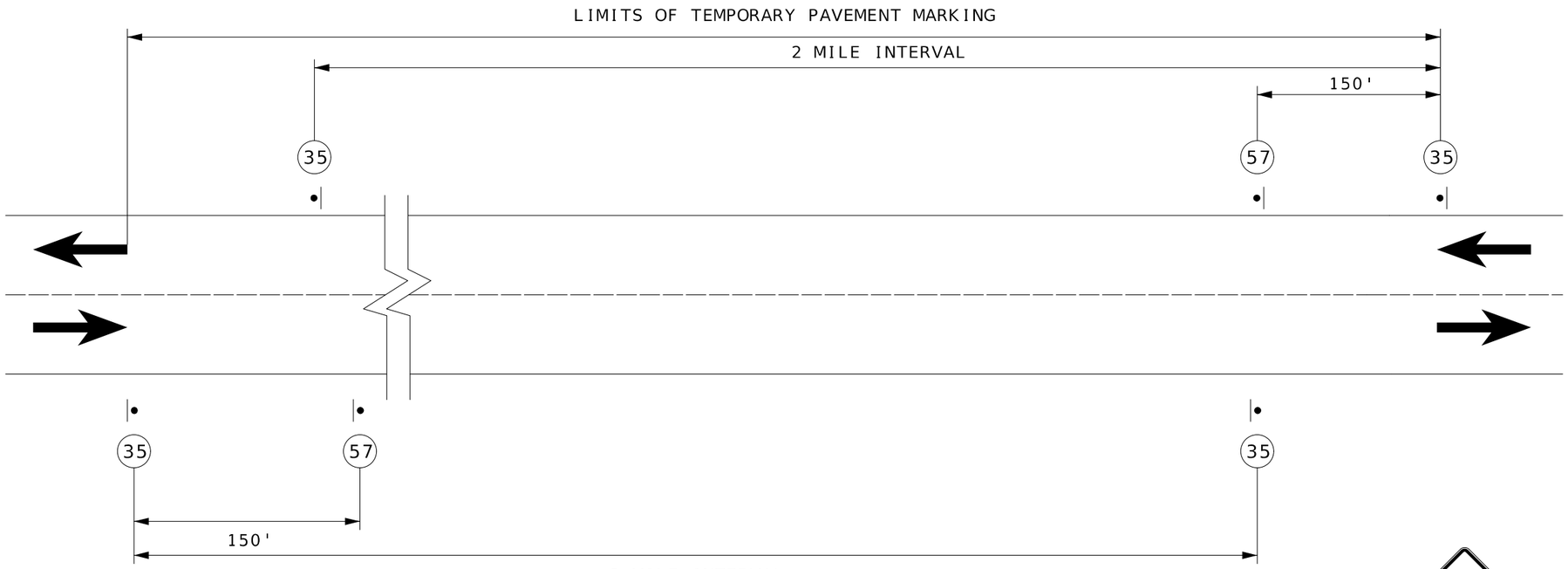
Brian M Rosenthal
08/14/2025 12:19:46 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED	
8/13/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	12
COUNTY	
VARIOUS	
JOB NO.	
JNW0037	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

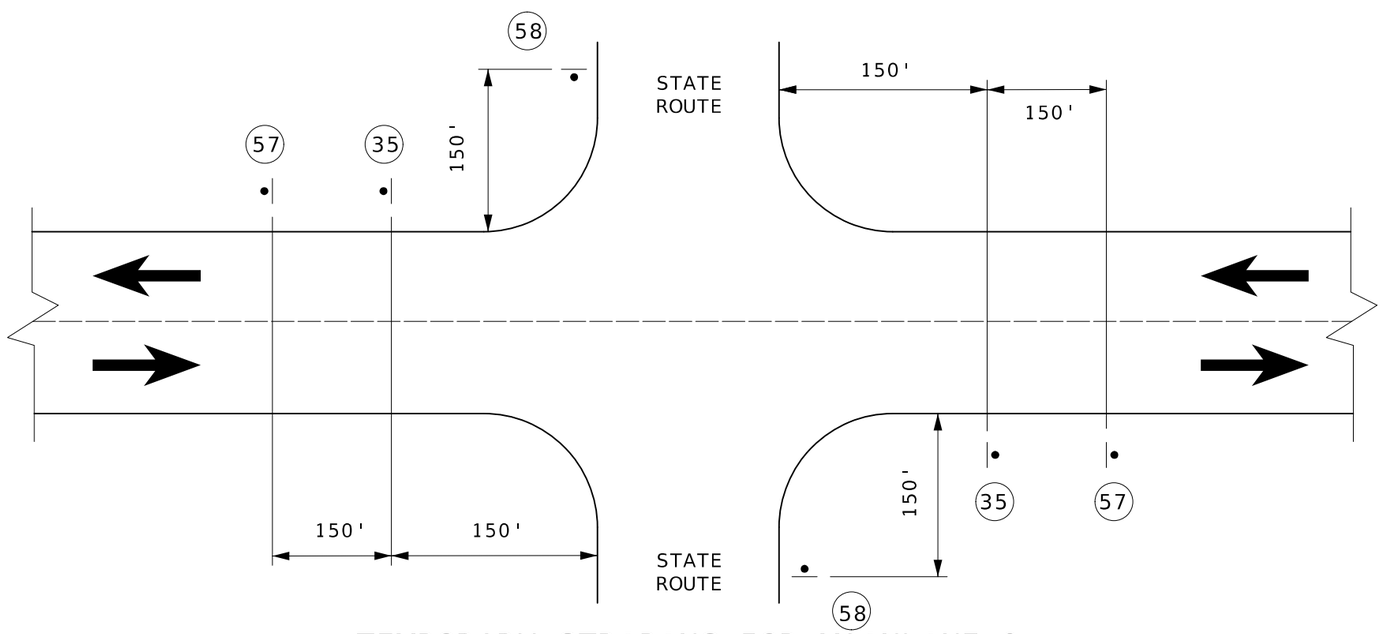
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



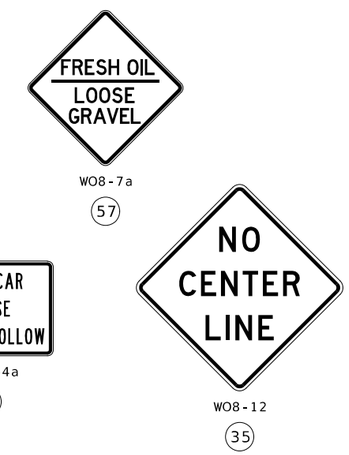
SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



TEMPORARY STRIPING FOR MAINLINE &
SIGN SPACING AT STATE ROUTE INTERSECTION
ON US 69 & MO 6

NOTE: ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.

NOT TO SCALE



NOTES:

SIGN 35 AND TYPE 2 TRPM INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN 35 IS PLACED AT APPROXIMATLEY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-LENGTH MILE OF THE NORMAL MAINLINE SIGN 35, THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
Brian M. Rosenthal
08/14/2025 12:20:13 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED	8/13/2025
ROUTE	VAR.
STATE	MO
DISTRICT	NW
SHEET NO.	13
COUNTY	VARIOUS
JOB NO.	JNW0037
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)

WO20-1

(2)

WO20-4

(7)

WO20-7a

(8)

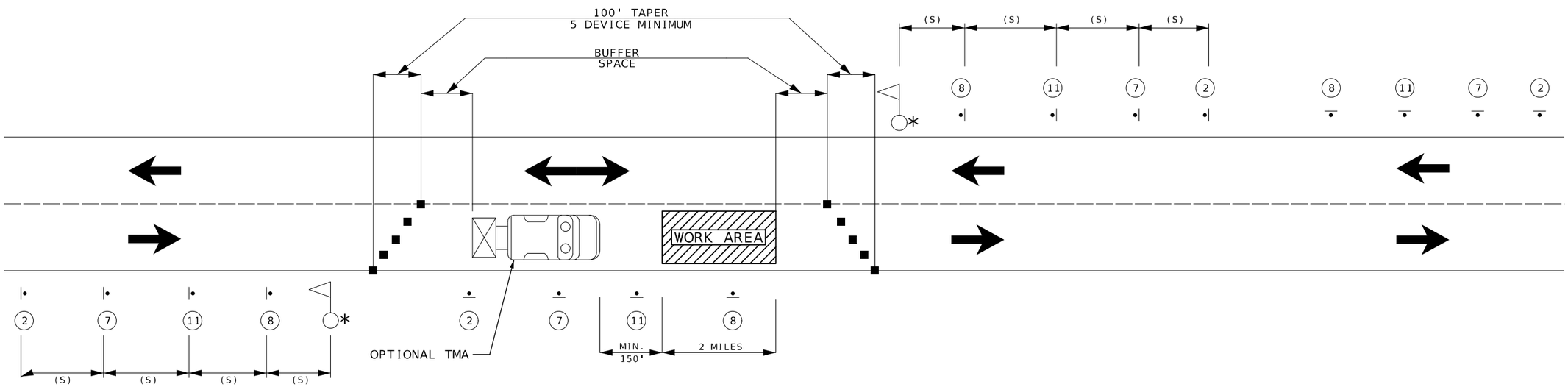
GO20-4

(53)

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTORS RESPONSIBILITY WHEN IN USE DURING OPERATION
USE OF PILOT CAR SHALL BE REQUIRED, UNLESS OTHERWISE STATED BY THE ENGINEER.

WO3-4

(11)



SET 1

ACTIVE

SET 2

INACTIVE

SET 3

ACTIVE

SET 4

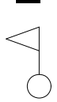
INACTIVE

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

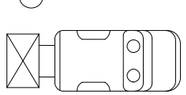
SIGN SETS 2 AND 4 ARE INACTIVE (I.E. SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 2.

WHEN SIGN SET 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 SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E. NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCE IN THE DIRECTION OF THE OPERATION (I.E. NEW SIGN SETS 2 AND 4).

■ —— CHANNELIZERS



—— FLAGGER



—— OPTIONAL TMA - NO DIRECT PAY

NOTES:
DAYLIGHT FLAGING OPERATIONS ONLY.

* FLAGGER STATIONS SHALL BE ILLUMINATED FOR THE NIGHT WORK IN TRENTON AT NO DIRECT PAY.

NOT TO SCALE

SPEED	SIGN SPACING (FT.) (1)			CHANNELIZER SPACING (FT.)	
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	BUFFER LENGTH (FT.)	TAPERS	BUFFER/ WORK AREAS
0 - 35	200	-	280	-	40
40 - 45	350	-	400	-	80
50 - 55	500	-	560	-	80
60 - 70	1000	-	840	-	120

NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

SCRUB SEAL AGGREGATE
APPLICATION ON
US 69 & MO 6

TRAFFIC CONTROL
SHEET 11 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER

Brian M. Rosenthal
08/14/2025 12:20:49 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED
8/13/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	14

COUNTY
VARIOUS

JOB NO.
JNW0037

CONTRACT ID.

PROJECT NO.

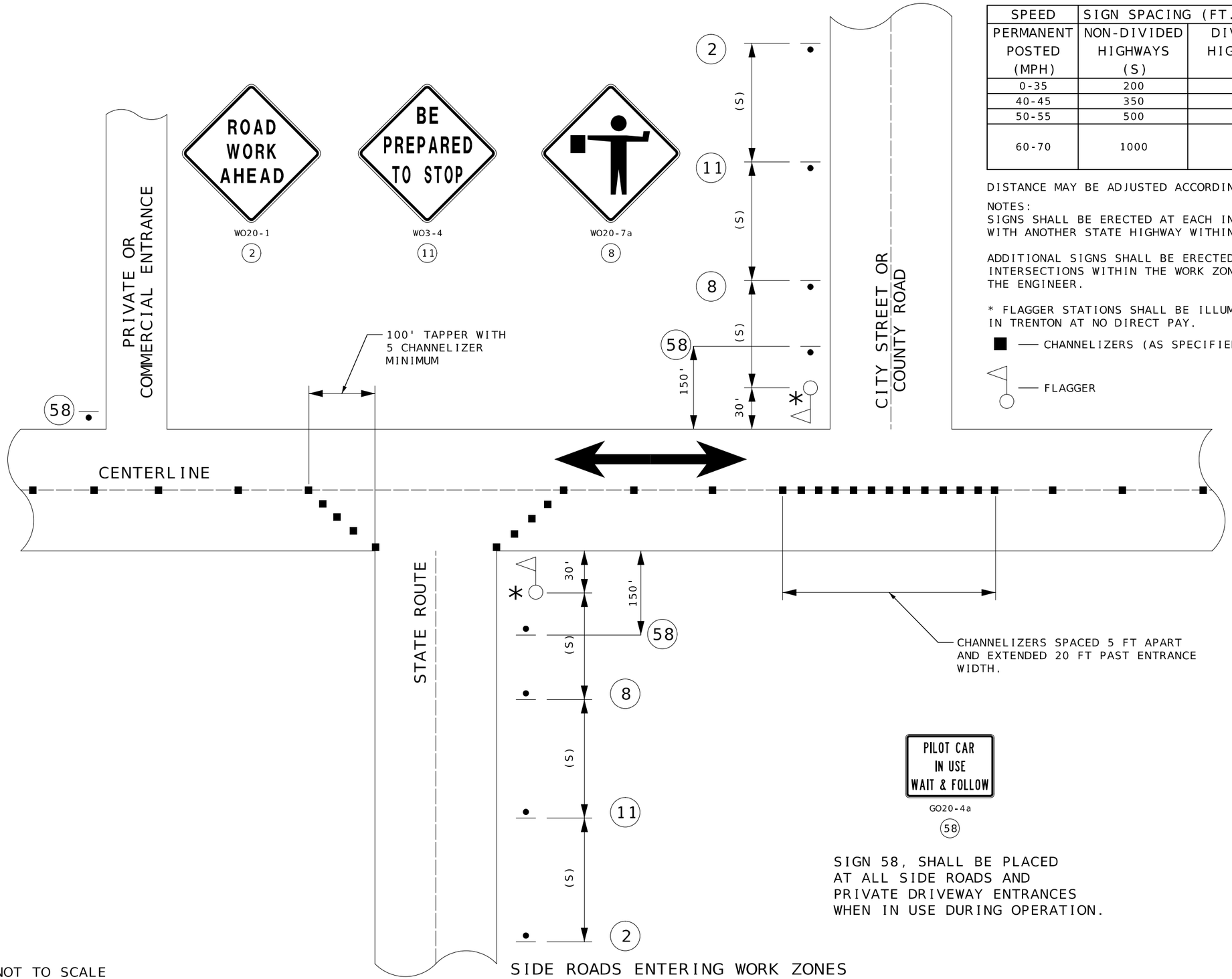
BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SPEED	SIGN SPACING (FT.) (1)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	--
40-45	350	--
50-55	500	--
60-70	1000	-- -- --

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

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

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

* FLAGGER STATIONS SHALL BE ILLUMINATED FOR THE NIGHT WORK IN TRENTON AT NO DIRECT PAY.

■ — CHANNELIZERS (AS SPECIFIED)

— FLAGGER

SIGN 58, SHALL BE PLACED AT ALL SIDE ROADS AND PRIVATE DRIVEWAY ENTRANCES WHEN IN USE DURING OPERATION.

NOT TO SCALE

SIDE ROADS ENTERING WORK ZONES ON US 69 & MO 6

TRAFFIC CONTROL
SHEET 12 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
Brian M Rosenthal
08/14/2025 12:21:19 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED
8/13/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	15

COUNTY
VARIOUS

JOB NO.
JNW0037

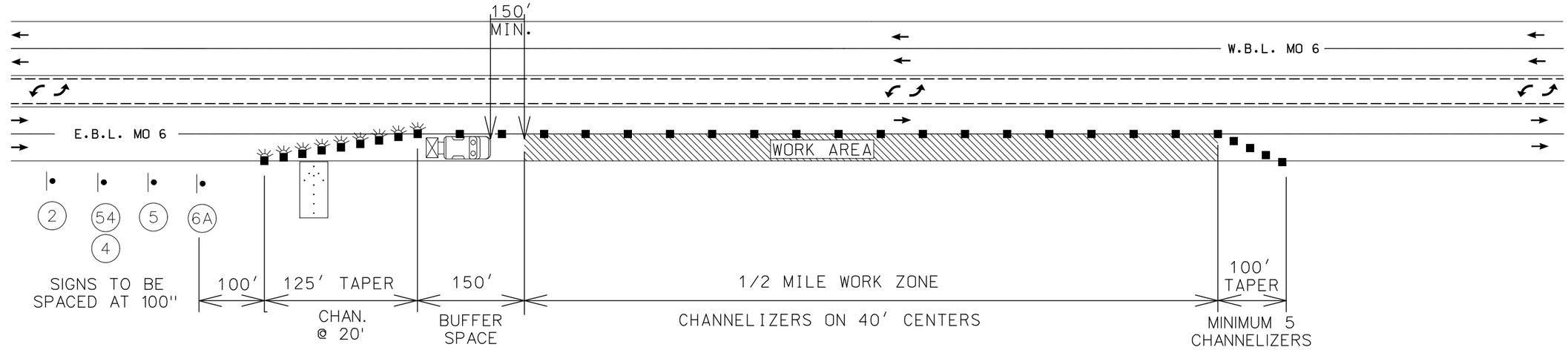
CONTRACT ID.

PROJECT NO.

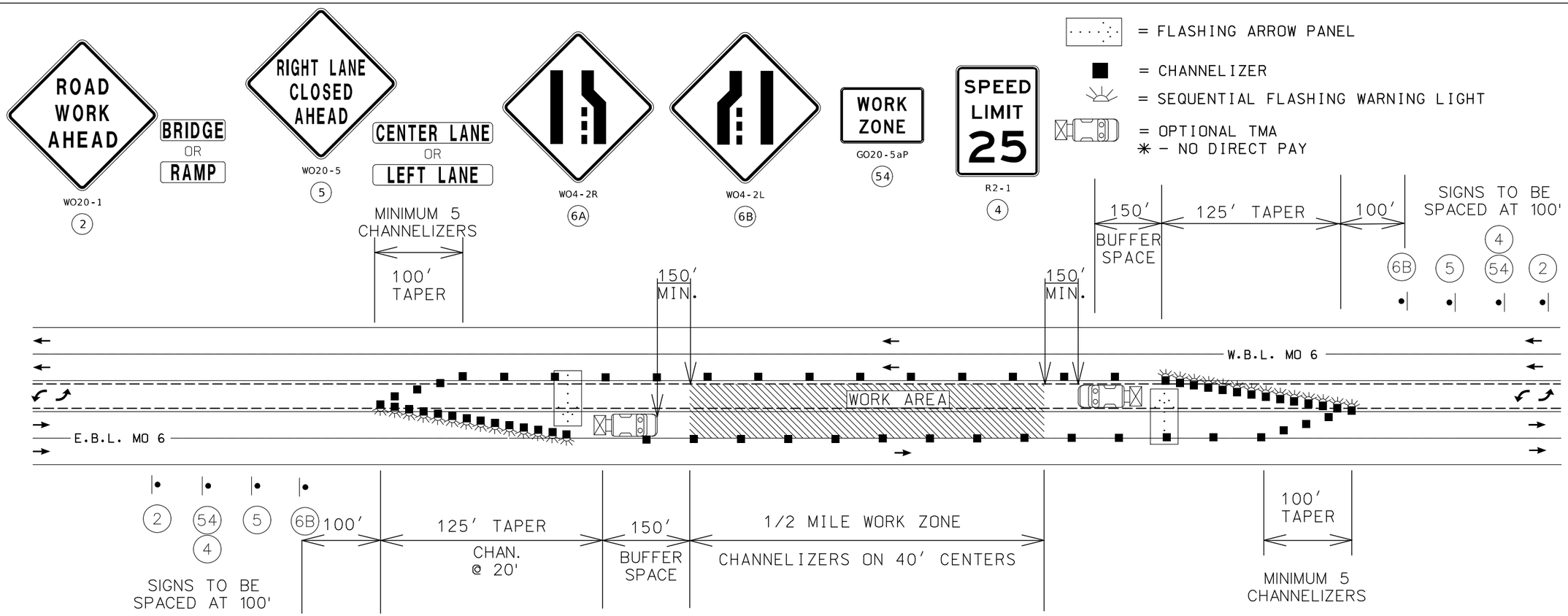
BRIDGE NO.

DESCRIPTION	DATE

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



OUTSIDE LANE CLOSURE ON MO 6 THROUGH TRENTON



NOT TO SCALE

INSIDE LANE CLOSURE ON MO 6 THROUGH TRENTON

TRAFFIC CONTROL
SHEET 13 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER
08/14/2025 12:21:55 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

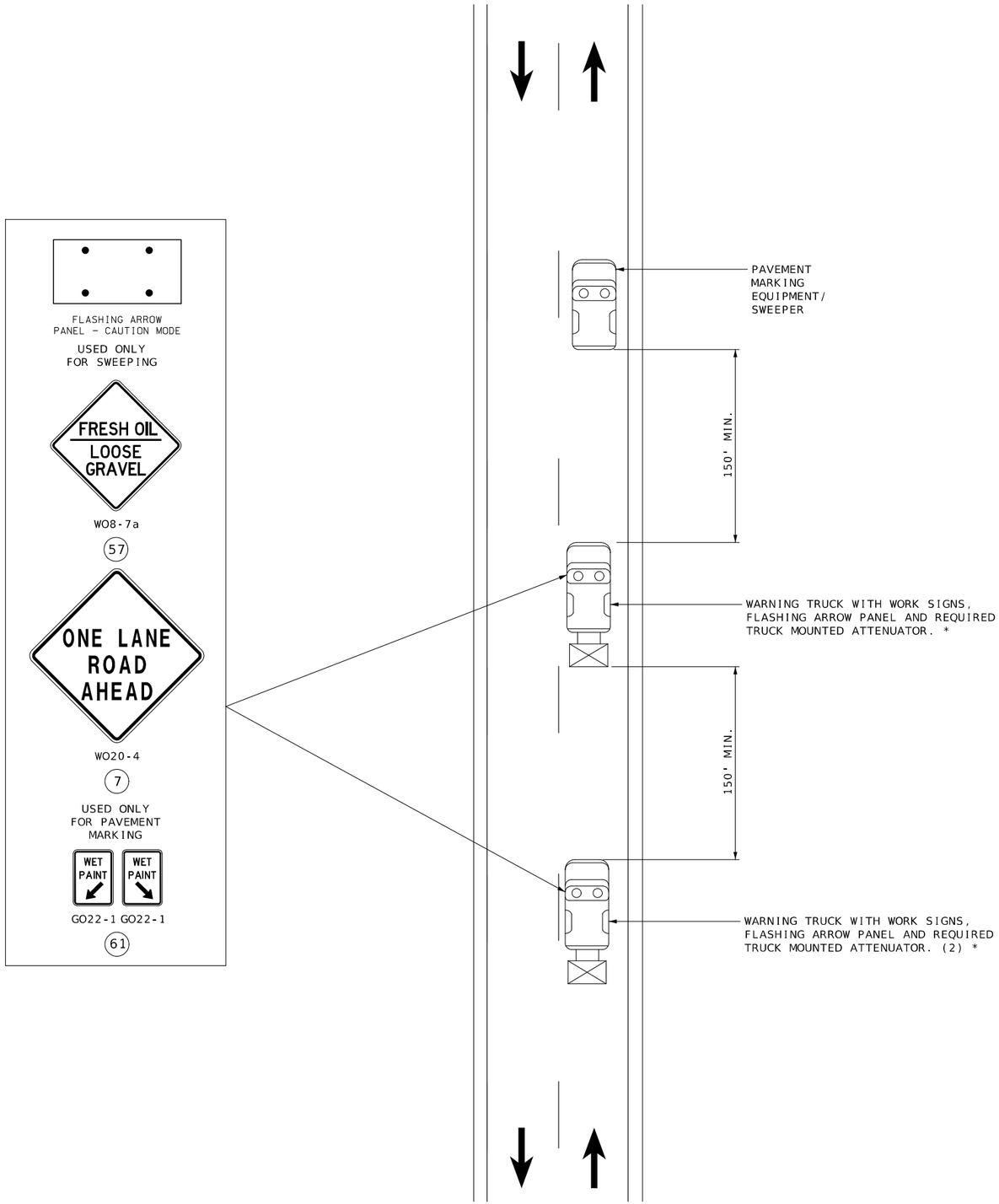
DATE PREPARED	8/13/2025
ROUTE	VAR.
STATE	MO
DISTRICT	NW
SHEET NO.	16
COUNTY	VARIOUS
JOB NO.	JNW0037
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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 OBSCURED 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.

* TMA COST IS INCIDENTAL - NO DIRECT PAY

SPEED	SPACING
PERMANENT POSTED (MPH)	LENGTH T (FT)
≤ 35	245
40-45	540
50-55	660
60-70	840

NOT TO SCALE

SWEEPING & STRIPING OPERATIONS ON US 69 & MO 6

TRAFFIC CONTROL
SHEET 14 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER
Brian M. Rosenthal
08/14/2025 12:22:21 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED	
8/13/2025	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 17
COUNTY VARIOUS	
JOB NO. JNW0037	
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)

NOTES:

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

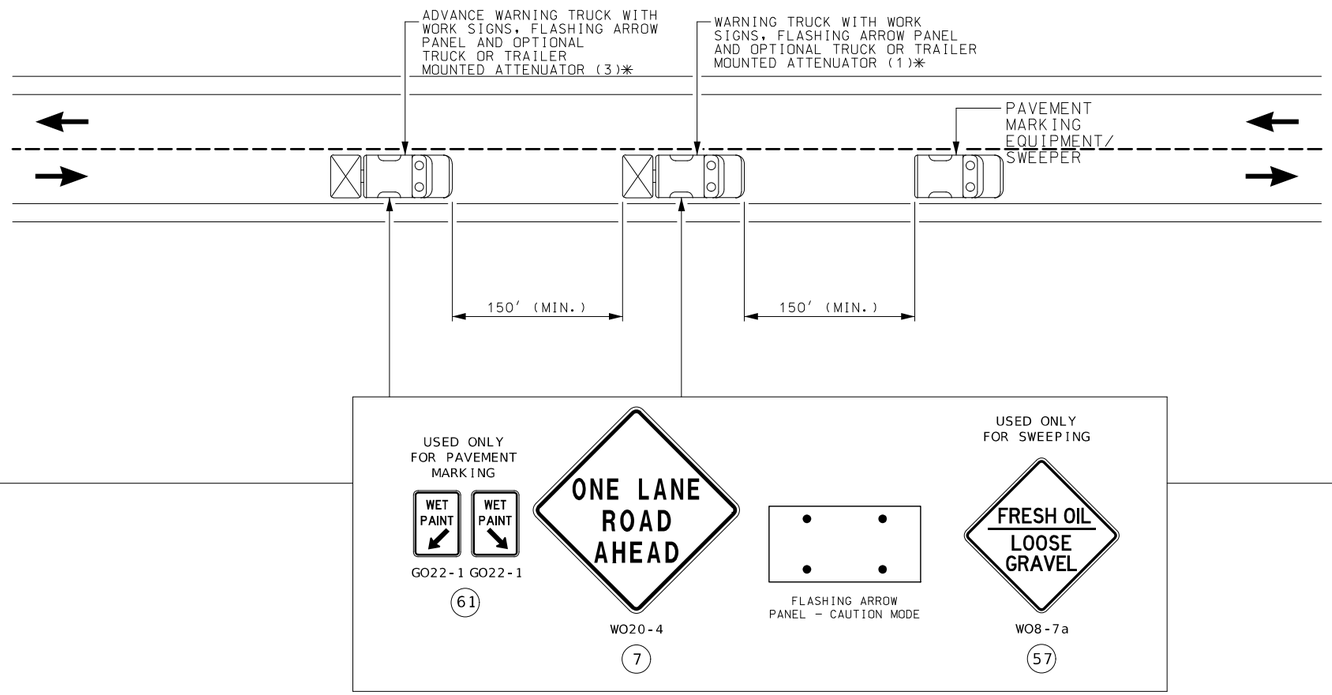
PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

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

(1) TRUCK IS OPTIONAL IF SIGNING AND ARROW BOARD ARE MOUNTED ON PAVEMENT MARKING EQUIPMENT.

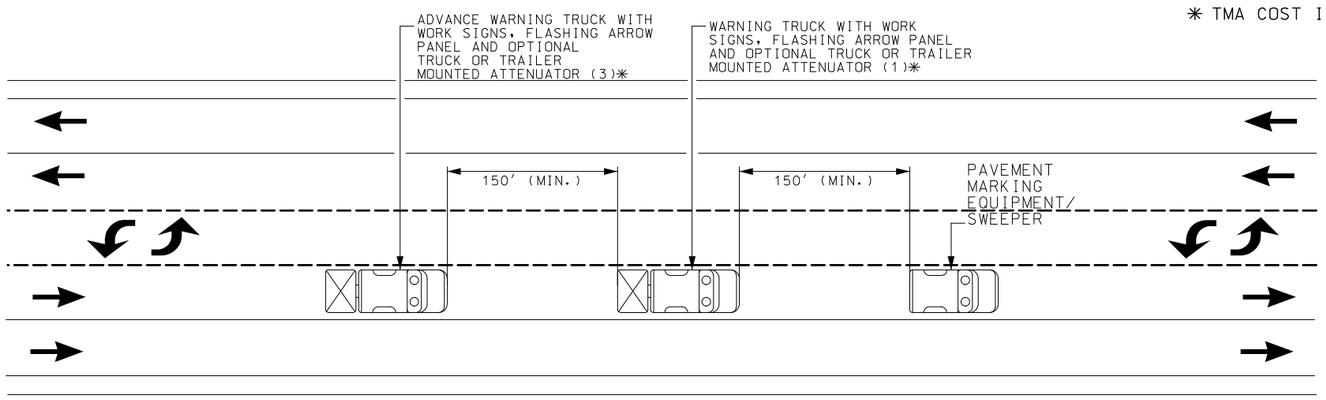
(2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE TO WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

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



NOTE:

✳ TMA COST IS INCIDENTAL - NO DIRECT PAY.



NOT TO SCALE

SWEEPING & STRIPING OPERATION ON MO 6 THROUGH TRENTON

TRAFFIC CONTROL
SHEET 15 OF 15

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER PE-2005022151
PROFESSIONAL ENGINEER

Brian M. Rosenthal
08/14/2025 12:22:48 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED	8/13/2025
ROUTE	VAR.
STATE	MO
DISTRICT	NW
SHEET NO.	18
COUNTY	VARIOUS
JOB NO.	JNW0037
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)