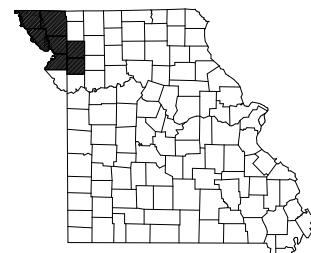


**DESIGN DESIGNATION**

A.A.D.T. RTE. V	=	63
A.A.D.T. US 275	=	428
A.A.D.T. RTE. T	=	45
A.A.D.T. RTE. B (ATCHISON)	=	59
A.A.D.T. RTE. B (NODAWAY)	=	145
A.A.D.T. MO 148	=	1433
A.A.D.T. MO 113	=	547
A.A.D.T. RTE. D	=	838
A.A.D.T. RTE. DD	=	771
A.A.D.T. RTE. W	=	587
A.A.D.T. RTE. O	=	360
A.A.D.T. MO 371	=	792
A.A.D.T. RTE. H	=	468
A.A.D.T. RTE. E	=	339
A.A.D.T. RTE. K	=	348

**NO RIGHT OF WAY ACQUISITION**

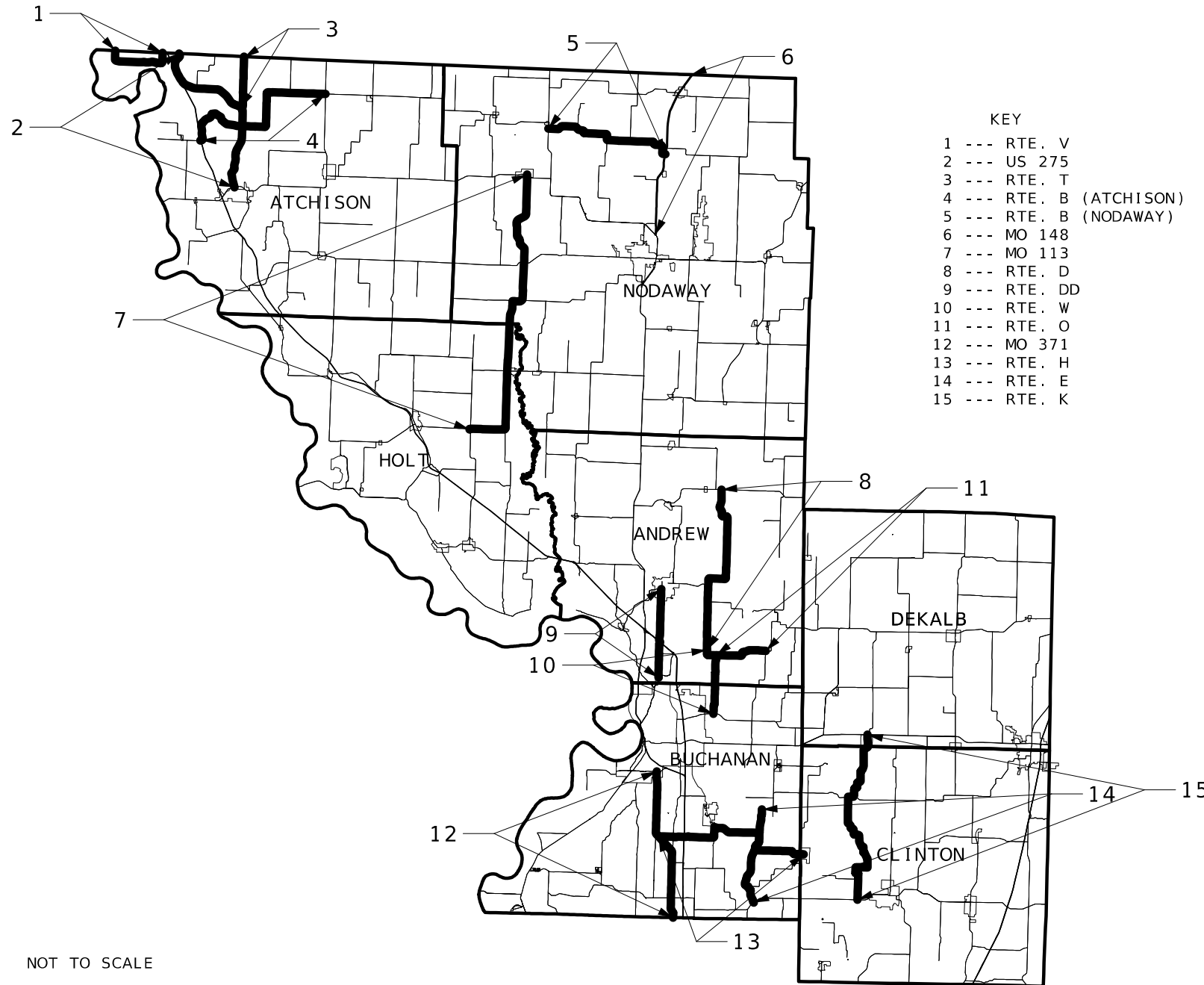


**KEY MAP**  
LOCATION OF ATCHISON, HOLT, NODAWAY, ANDREW, BUCHANAN, CLINTON, & DEKALB COUNTY

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

## PLANS FOR PROPOSED STATE HIGHWAY

### ATCHISON, HOLT, NODAWAY, ANDREW, BUCHANAN, CLINTON, & DEKALB COUNTY SCRUB SEAL



**KEY**

1 --- RTE. V
2 --- US 275
3 --- RTE. T
4 --- RTE. B (ATCHISON)
5 --- RTE. B (NODAWAY)
6 --- MO 148
7 --- MO 113
8 --- RTE. D
9 --- RTE. DD
10 --- RTE. W
11 --- RTE. O
12 --- MO 371
13 --- RTE. H
14 --- RTE. E
15 --- RTE. K

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.

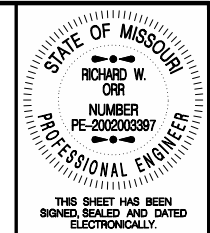
**CONVENTIONAL SYMBOLS**  
(USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

**INDEX OF SHEETS**

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



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 12/26/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	1

COUNTY: VARIOUS

JOB NO.: JNW0148

CONTRACT ID:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

**LENGTH OF PROJECT**

RTE. V L.M. (0.000 - 5.693)	=	5.693 MILES
US 275 L.M. (0.000 - 15.572)	=	15.572 MILES
RTE. T L.M. (0.000 - 4.430)	=	4.430 MILES
RTE. B L.M. (0.051 - 15.744)	=	15.693 MILES
RTE. B L.M. (0.002 - 11.574)	=	11.572 MILES
MO 148 L.M. (0.002 - 14.395)	=	14.393 MILES
MO 113 L.M. (0.002 - 26.214)	=	26.212 MILES
RTE. D L.M. (0.002 - 15.594)	=	15.592 MILES
RTE. DD L.M. (0.002 - 7.605)	=	7.603 MILES
RTE. W L.M. (0.002 - 6.242)	=	6.240 MILES
RTE. O L.M. (0.002 - 4.473)	=	4.471 MILES
MO 371 L.M. (0.000 - 13.039)	=	13.039 MILES
RTE. H L.M. (0.002 - 1.250)	=	1.248 MILES
(L.M. 1.292 - 9.640)	=	8.348 MILES
(L.M. 11.232 - 15.211)	=	3.979 MILES
RTE. E (L.M. 0.002 - 8.565)	=	8.563 MILES
RTE. K (L.M. 0.002 - 5.950)	=	5.948 MILES
(L.M. 6.414 - 17.303)	=	10.889 MILES

**EQUATIONS AND EXCEPTIONS:**

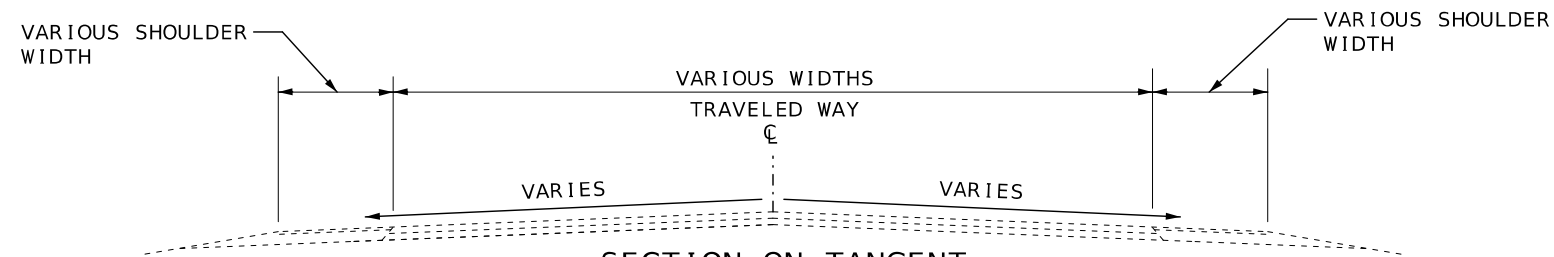
US 275 BR. H0973	=	0.018 MILES
RTE. T BR. A4798	=	0.060 MILES
RTE. B (NODAWAY) BR. X0679	=	0.020 MILES
MO 148 BR. A6182, A6181, A5763	=	0.179 MILES
MO 113 BR. A5535, S0433	=	0.103 MILES
RTE. W BR. N0511	=	0.039 MILES
RTE. O BR. A8664	=	0.060 MILES
RTE. H BR. A0046, A3929, X0598	=	0.140 MILES
RTE. K BR. N0736	=	0.059 MILES

APPARENT LENGTH	179.485 MILES
TOTAL CORRECTIONS	-0.678 MILES
NET LENGTH OF PROJECT	178.807 MILES
STATE LENGTH	178.807 MILES

FOR INFORMATION ONLY  
ESTIMATED DISTURBED ACRES 0 ACRES

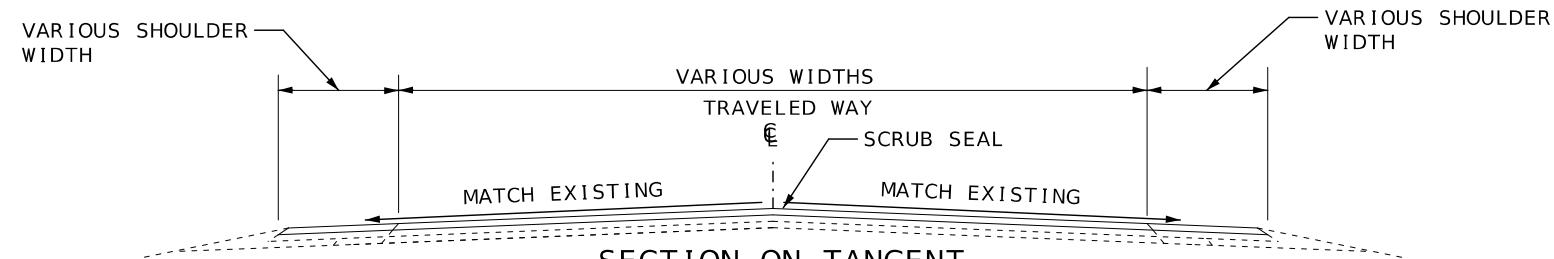
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SECTION ON TANGENT  
EXISTING TYPICAL SECTION

- ATCHISON RTE. V L.M. (0.000 - 5.693)
- ATCHISON US 275 L.M. (0.000 - 15.572)
- ATCHISON RTE. T L.M. (0.000 - 4.430)
- ATCHISON RTE. B L.M. (0.051 - 15.744)
- NODAWAY RTE. B L.M. (0.002 - 11.574)
- NODAWAY MO 148 L.M. (0.002 - 14.395)
- NODAWAY/HOLT MO 113 L.M. (0.002 - 26.214)
- ANDREW RTE. D L.M. (0.002 - 15.594)
- ANDREW RTE. DD L.M. (0.002 - 7.605)
- ANDREW/BUCHANAN RTE. W L.M. (0.002 - 6.242)
- ANDREW RTE. O L.M. (0.002 - 4.473)
- BUCHANAN MO 371 L.M. (0.000 - 13.039)
- BUCHANAN RTE. H L.M. (0.002 - 1.250)
- (1.292 - 9.640)
- (11.232 - 15.211)
- BUCHANAN RTE. E (L.M. 0.002 - 8.565)
- CLINTON/DEKALB RTE. K (L.M. 0.002 - 5.950)
- (6.414 - 17.303)

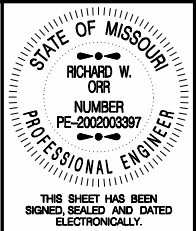


SECTION ON TANGENT  
PROPOSED TYPICAL SECTION

- ATCHISON RTE. V L.M. (0.000 - 5.693)
- ATCHISON US 275 L.M. (0.000 - 15.572)
- ATCHISON RTE. T L.M. (0.000 - 4.430)
- ATCHISON RTE. B L.M. (0.051 - 15.744)
- NODAWAY RTE. B L.M. (0.002 - 11.574)
- NODAWAY MO 148 L.M. (0.002 - 14.395)
- NODAWAY/HOLT MO 113 L.M. (0.002 - 26.214)
- ANDREW RTE. D L.M. (0.002 - 15.594)
- ANDREW RTE. DD L.M. (0.002 - 7.605)
- ANDREW/BUCHANAN RTE. W L.M. (0.002 - 6.242)
- ANDREW RTE. O L.M. (0.002 - 4.473)
- BUCHANAN MO 371 L.M. (0.000 - 13.039)
- BUCHANAN RTE. H L.M. (0.002 - 1.250)
- (1.292 - 9.640)
- (11.232 - 15.211)
- BUCHANAN RTE. E (L.M. 0.002 - 8.565)
- CLINTON/DEKALB RTE. K (L.M. 0.002 - 5.950)
- (6.414 - 17.303)

NOT TO SCALE

TYPICAL SECTIONS  
SHEET 1 OF 1



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 12/20/2024	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. JNW0148	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
10/9/2024	NOTE ADDED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REV.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
12/20/2024

ROUTE STATE  
VAR. MO

DISTRICT SHEET NO.  
NW 3

COUNTY  
VARIOUS

JOB NO.  
JNW0148

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

SCRUB SEAL ON ROUTE B (NODAWAY)						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.002	2.599	2.597	0	18	27,424.32	Beginning to BR. X0673
2.619	10.473	7.854	0	22	101,368.96	After BR. X0673 to width change
10.473	11.574	1.101	0	22	14,210.24	Width change to End of Section
					SUBTOTAL	143,004.00

PAVEMENT MARKING ON ROUTE B (NODAWAY)					
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE		REMARKS
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)	
0.002	11.574	11.572	72,556.44		Beginning to End of section
10.473	11.574	1.101	6,903.27	11,626.56	Width Change to End of Section
			SUBTOTAL	79,460.00	11,627.00

SCRUB SEAL ON ROUTE B (ATCHISON)						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.051	15.744	15.693	0	20	184,131.20	Beginning to End of Section
					SUBTOTAL	184,131.00

PAVEMENT MARKING ON ROUTE B (ATCHISON)				
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE 4 IN. YELLOW TYPE P BEADS (L.F.)	REMARKS
			SUBTOTAL	98,395.00

DATE	DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

SCRUB SEAL ON ROUTE T						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.000	2.522	2.522	0	20	29,591.47	Beginning to BR. A4798
2.582	4.43	1.848	0	20	21,683.20	After BR. A4798 to End of Section
					SUBTOTAL	51,275.00

PAVEMENT MARKING ON ROUTE T				
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE 4 IN. YELLOW TYPE P BEADS (L.F.)	REMARKS
			SUBTOTAL	27,776.00

SCRUB SEAL ON US 275						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.000	0.445	0.445	4	22	6,787.73	Beginning to BR. H0973
0.463	15.572	15.109	4	22	230,462.61	After BR.H0973 to End of Section
					SUBTOTAL	237,250.00

PAVEMENT MARKING ON US 275					
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE		REMARKS
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)	
0.000	15.572	15.572	97,636.44	164,440.32	Beginning of Section to End
			SUBTOTAL	97,636.00	164,440.00

SCRUB SEAL ON ROUTE V						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.000	5.693	5.693	0	20	66,797.87	Beginning to End of Section
					SUBTOTAL	66,798.00

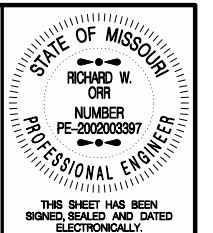
PAVEMENT MARKING ON ROUTE V				
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE 4 IN. YELLOW TYPE P BEADS (L.F.)	REMARKS
			SUBTOTAL	35,695.00

SUMMARY OF QUANTITIES  
SHEET 1 OF 4

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)



DATE PREPARED  
12/20/2024

ROUTE  
VAR.

STATE  
MO

DISTRICT  
NW

SHEET NO.  
3

COUNTY  
VARIOUS

JOB NO.  
JNW0148

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

SCRUB SEAL ON ROUTE O						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.002	2.833	2.831	0	20	33,217.07	Beginning to BR. A8664
2.893	4.473	1.580	0	20	18,538.67	After Br. A8664 to End of Section
SUBTOTAL					51,756.00	

PAVEMENT MARKING ON ROUTE O				
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE 4 IN. YELLOW TYPE P BEADS (L.F.)	REMARKS
0.002	4.473	4.471	28,033.17	Beginning to End of Section
SUBTOTAL			28,033.00	

SCRUB SEAL ON ROUTE W						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.002	0.236	0.234	0	20	2,745.60	Beginning to BR. N0511
0.275	6.424	6.149	0	20	72,148.27	After Br. N0511 to End of Section
SUBTOTAL					74,894.00	

PAVEMENT MARKING ON ROUTE W					
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE		REMARKS
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)	
0.002	6.424	6.422	40,265.94	67,816.32	Beginning to End of Section
SUBTOTAL			40,266.00	67,816.00	

SCRUB SEAL ON ROUTE DD						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.002	7.605	7.603	0	20	89,208.53	Beginning to End of Section
SUBTOTAL					89,209.00	

PAVEMENT MARKING ON ROUTE DD					
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE		REMARKS
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)	
0.002	7.605	7.603	47,670.81	80,287.68	Width change to End of Section
SUBTOTAL			47,671.00	80,288.00	

SCRUB SEAL ON ROUTE D						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.002	15.594	15.592	0	20	182,946.13	Beginning to End of Section
SUBTOTAL					182,946.00	

PAVEMENT MARKING ON ROUTE D					
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE		REMARKS
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)	
0.002	15.594	15.592	97,761.84		Beginning to End of Section
10.158	15.594	5.436		57,404.16	Beginning of White paint to End
SUBTOTAL			97,762.00	57,404.00	

SCRUB SEAL ON MO 113						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.002	8.139	8.137	0	20	95,474.13	Beginning to MO 46 Interchange
8.179	10.397	2.218	0	20	26,024.53	After MO 46 Interchange to BR. A5535
10.457	14.641	4.184	0	22	54,001.49	After BR. A5535 To BR. S0433
14.684	26.214	11.530	0	22	148,813.87	After BR. S0433 to End of Section
SUBTOTAL					324,314.00	

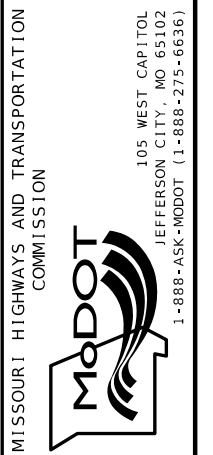
PAVEMENT MARKING ON MO 113					
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE		REMARKS
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)	
0.002	26.214	26.212	164,349.24		Width change to End of Section
8.179	11.602	3.423		36,146.88	
12.622	26.214	13.592		143,531.52	
SUBTOTAL			164,349.00	179,678.00	

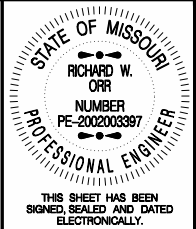
SCRUB SEAL ON MO 148						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.002	5.619	5.617	4	24	92,268.59	Beginning to Shldr. Width Change
5.619	7.359	1.740	16	24	40,832.00	Before BR. A6182
7.419	7.960	0.541	16	24	12,695.47	After BR. A 6182 to Shldr. Width Change
7.960	10.580	2.620	4	24	43,037.87	Before BR. A6181
10.619	13.080	2.461	4	24	40,426.03	After BR. A6181 to BR. A5763
13.160	14.395	1.235	4	24	20,286.93	After BR. A5763 to End of Section
SUBTOTAL					249,547.00	

PAVEMENT MARKING ON MO 148					
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE		REMARKS
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)	
0.002	14.395	14.393	90,244.11	151,990.08	Width change to End of Section
SUBTOTAL			90,244.00	151,990.00	

SUMMARY OF QUANTITIES  
SHEET 2 OF 4

DESCRIPTION	DATE





THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
12/20/2024

ROUTE STATE  
VAR. MO  
DISTRICT SHEET NO.  
NW 3

COUNTY  
VARIOUS

JOB NO.  
JNW0148

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

ROUTE	COUNTY	(SY)	PAVEMENT MARKING	
			WATERBOURNE	
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)
V	ATCHISON	66,798.00	35,695.00	
US 275	ATCHISON	237,250.00	97,636.00	164,440.00
T	ATCHISON	51,275.00	27,776.00	
B	ATCHISON	184,131.00	98,395.00	
B	NODAWAY	143,004.00	79,460.00	11,627.00
MO 148	NODAWAY	249,547.00	90,244.00	151,990.00
MO 113	NODAWAY/HOLT	324,314.00	164,349.00	179,678.00
D	ANDREW	182,946.00	97,762.00	57,404.00
DD	ANDREW	89,209.00	47,671.00	80,288.00
W	ANDREW/BUCHANAN	74,894.00	40,266.00	67,816.00
O	ANDREW	51,756.00	28,033.00	
MO 371	BUCHANAN	200,931.00	81,755.00	137,692.00
H	BUCHANAN	190,629.00	85,115.00	13,179.00
E	BUCHANAN	100,473.00	53,690.00	90,425.00
K	CLINTON/DEKALB	196,862.00	105,568.00	
SUBTOTALS		2,344,019.00	1,133,415.00	954,539.00
PAY TOTAL		2,344,019	1,133,415	954,539

SCRUB SEAL ON ROUTE K						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.002	5.950	5.948	0	20	69,789.87	Beginning to End of Section
6.414	9.494	3.080	0	20	36,138.67	Beginning to BR. N0736
9.553	17.303	7.750	0	20	90,933.33	After BR. N0736 to End of Section
SUBTOTAL					196,862.00	

PAVEMENT MARKING ON ROUTE K				
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE 4 IN. YELLOW TYPE P BEADS (L.F.)	REMARKS
0.002	5.950	5.948	37,293.96	Beginning to End of Section
6.414	17.303	10.889	68,274.03	Beginning to End of Section
SUBTOTAL			105,568.00	

SCRUB SEAL ON ROUTE E						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.002	8.565	8.563	0	20	100,472.53	Beginning to End of Section
SUBTOTAL					100,473.00	

PAVEMENT MARKING ON ROUTE E					
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE		REMARKS
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)	
0.002	8.565	8.563	53,690.01	90,425.28	Beginning to End of Section
SUBTOTAL			53,690.00	90,425.00	

SCRUB SEAL ON ROUTE H						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.002	1.250	1.248	4	22	19,036.16	Beginning to Route A
1.292	2.195	0.903	4	20	12,714.24	Before BR. A0046
2.234	6.280	4.046	4	20	56,967.68	After BR. A0046 to BR. A3929
6.361	9.640	3.279	4	20	46,168.32	After BR. A3929
11.232	12.784	1.552	4	20	21,852.16	Before BR. X0598
12.804	15.211	2.407	4	20	33,890.56	After BR. X0598
SUBTOTAL					190,629.00	

PAVEMENT MARKING ON ROUTE H					
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE		REMARKS
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)	
0.002	1.250	1.248	7,824.96	13,178.88	Beginning to End of Section
1.292	9.640	8.348	52,341.96		Beginning to End of Section
11.232	15.211	3.979	24,948.33		Beginning to End of Section
SUBTOTAL			85,115.00	13,179.00	

SCRUB SEAL ON MO 371						
FROM LOG MILE	TO LOG MILE	LENGTH MILES	SHOULDER WIDTH (FT.)	TRAVELWAY WIDTH (FT.)	SCRUB SEAL (SY)	REMARKS
0.000	0.084	0.084	8	44	2,562.56	Beginning of Section
0.084	0.143	0.059	4	44	1,661.44	Width Change
0.143	13.039	12.896	4	22	196,706.99	End of Section
SUBTOTAL					200,931.00	

PAVEMENT MARKING ON MO 371					
FROM LOG MILE	TO LOG MILE	LENGTH MILES	WATERBOURNE		REMARKS
			4 IN. YELLOW TYPE P BEADS (L.F.)	4 IN. WHITE TYPE P BEADS (L.F.)	
0.000	13.039	13.039	81,754.53	137,691.84	Beginning to End of Section
SUBTOTAL			81,755.00	137,692.00	

SUMMARY OF QUANTITIES  
SHEET 3 OF 4

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





THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
12/20/2024

ROUTE STATE  
VAR. MO

DISTRICT SHEET NO.  
NW 4

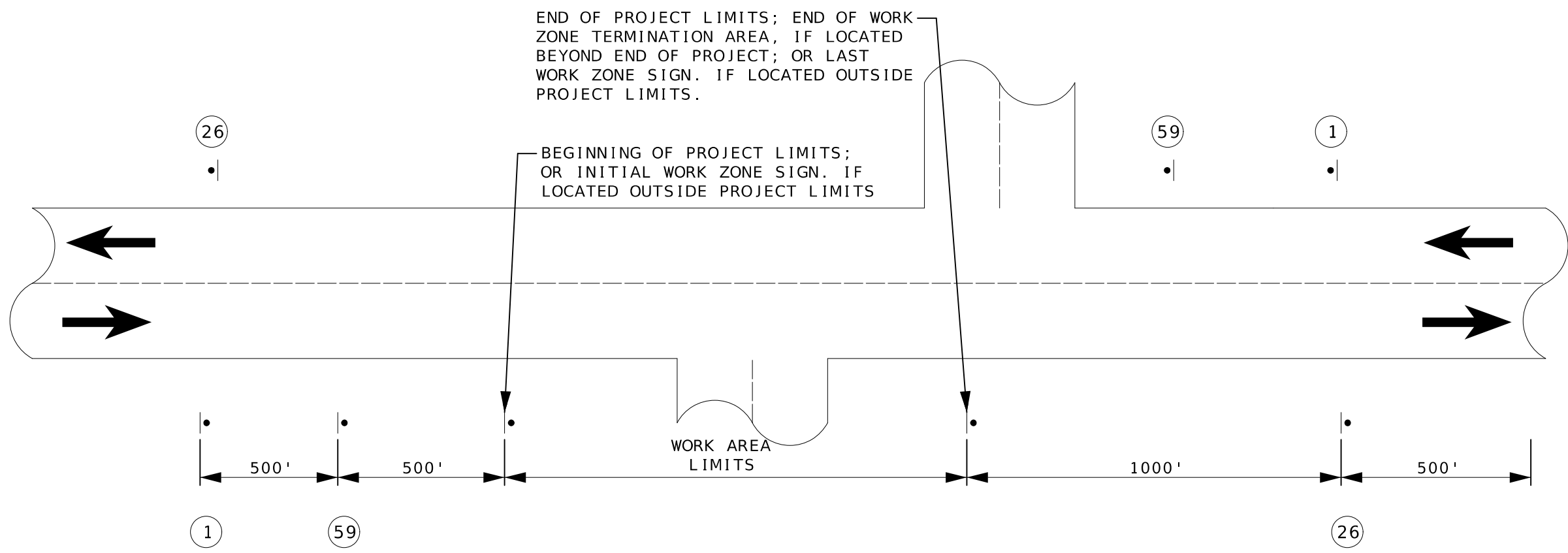
COUNTY  
VARIOUS

JOB NO.  
JNW0148

CONTRACT ID.

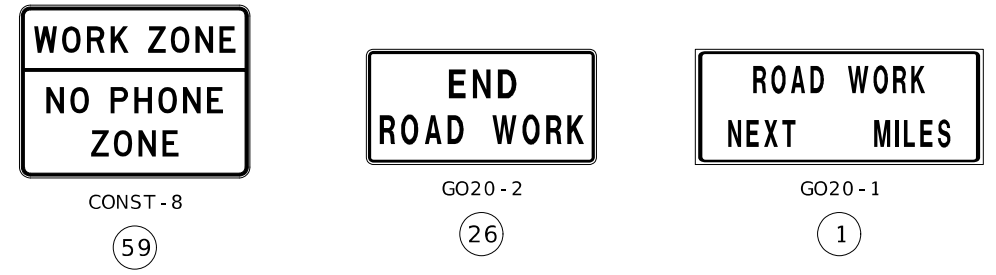
PROJECT NO.

BRIDGE NO.



**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.



**BEGINNING AND END OF PROJECT SIGNING**

NOT TO SCALE

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



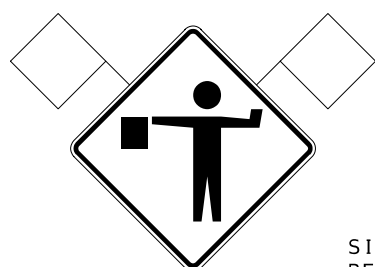
WO20-1

2



WO20-4

7



WO20-7a

8



GO20-4

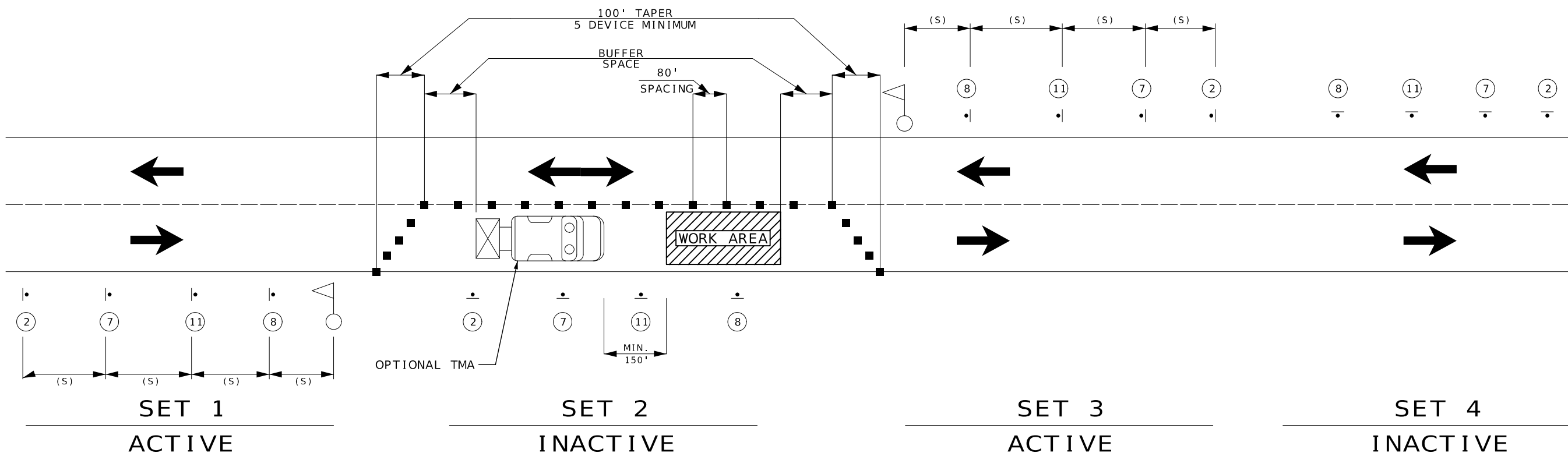
53

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTORS RESPONSIBILITY WHEN IN USE DURING OPERATION



WO3-4

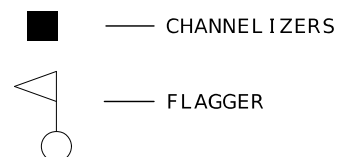
11



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).



NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN. EXCEPT FOR W020-7a WHICH IS SUBSIDIARY TO THE SIGN.

NOT TO SCALE

NOTES:

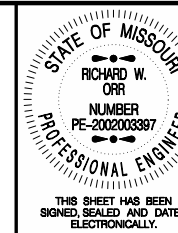
(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

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

SCRUB SEAL AGGREGATE APPLICATION

TRAFFIC CONTROL SHEET 2 OF 6



DATE PREPARED  
12/20/2024

ROUTE STATE  
VAR. MO

DISTRICT SHEET NO.  
NW 5

COUNTY  
VARIOUS

JOB NO.  
JNW0148

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)



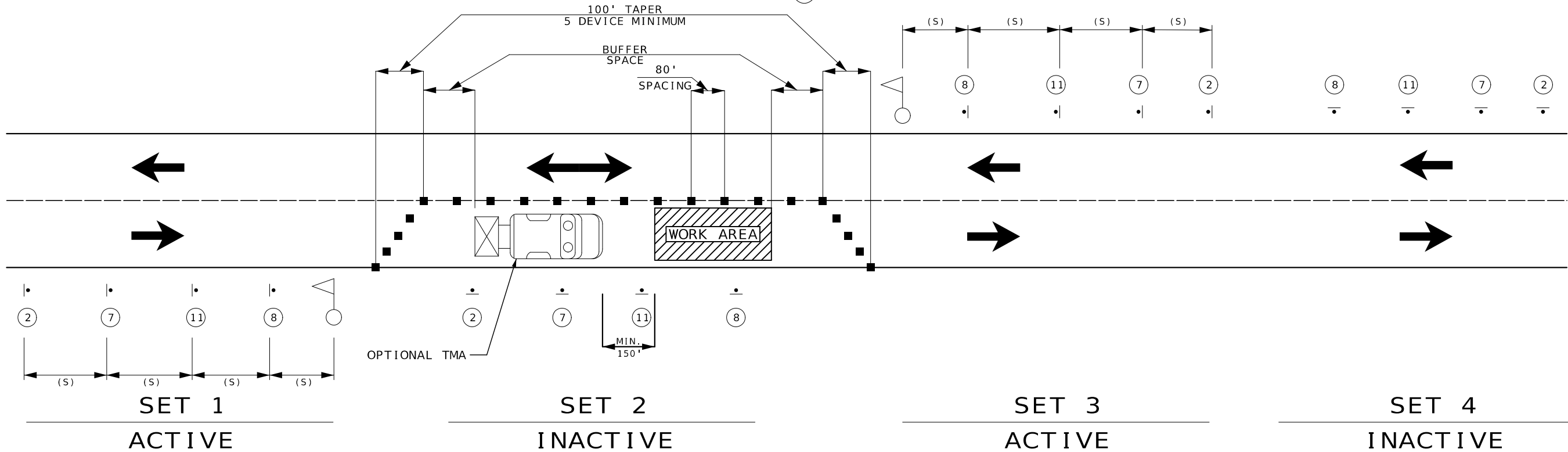


W03-4  
11

W020-1  
2

W020-4  
7

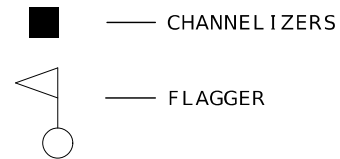
W020-7a  
8



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

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

WHEN SIGN 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).



NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN, EXCEPT FOR W020-7a WHICH IS SUBSIDIARY TO THE SIGN.

NOT TO SCALE

SPEED	SIGN SPACING (FT.) (1)		BUFFER LENGTH (FT.)	CHANNELIZER SPACING (FT.)	
	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)		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.

SWEeping OPERATIONS

TRAFFIC CONTROL

SHEET 3 OF 6



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
12/20/2024

ROUTE STATE  
VAR. MO

DISTRICT SHEET NO.  
NW 6

COUNTY  
VARIOUS

JOB NO.  
JNW0148

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)



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
12/20/2024

ROUTE STATE  
VAR. MO  
DISTRICT SHEET NO.  
NW 7

COUNTY  
VARIOUS

JOB NO.  
JNW0148

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

DATE

DESCRIPTION

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



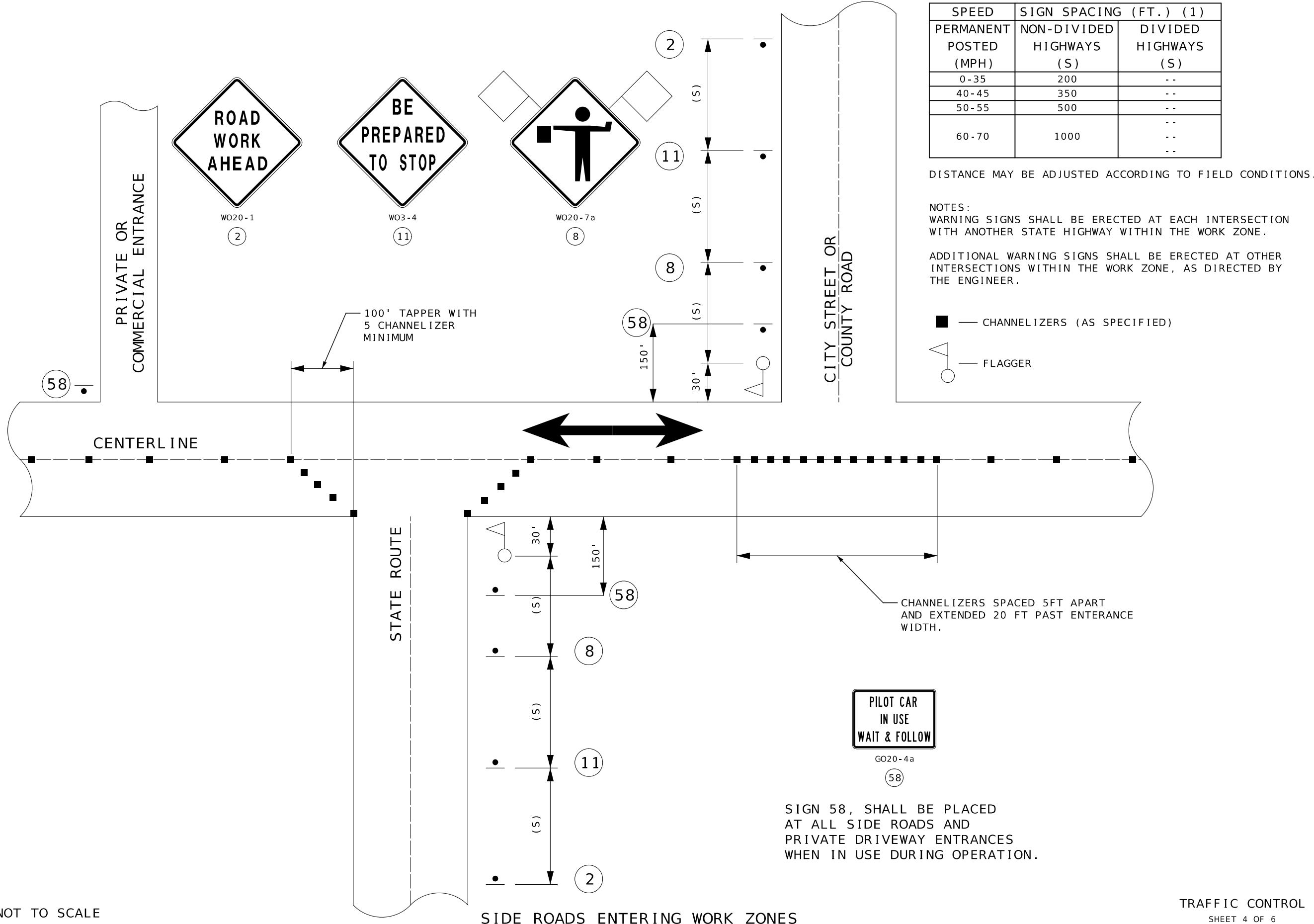
SPEED PERMANENT POSTED (MPH)	SIGN SPACING (FT.) (1)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	--
40-45	350	--
50-55	500	--
60-70	1000	--

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

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

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

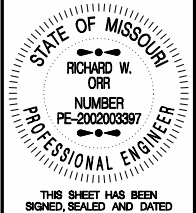
- CHANNELIZERS (AS SPECIFIED)
- FLAGGER



NOT TO SCALE

SIDE ROADS ENTERING WORK ZONES

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



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 12/20/2024

ROUTE: VAR. STATE: MO

DISTRICT: NW SHEET NO.: 8

COUNTY: VARIOUS

JOB NO.: JNW0148

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

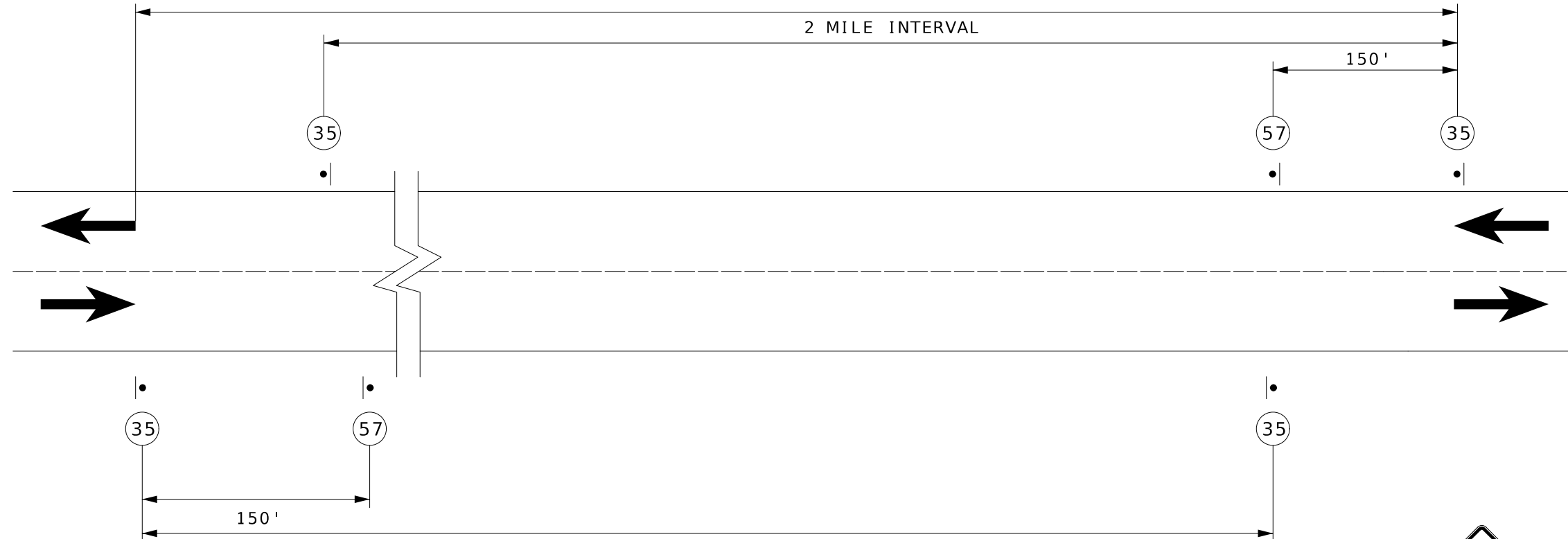
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

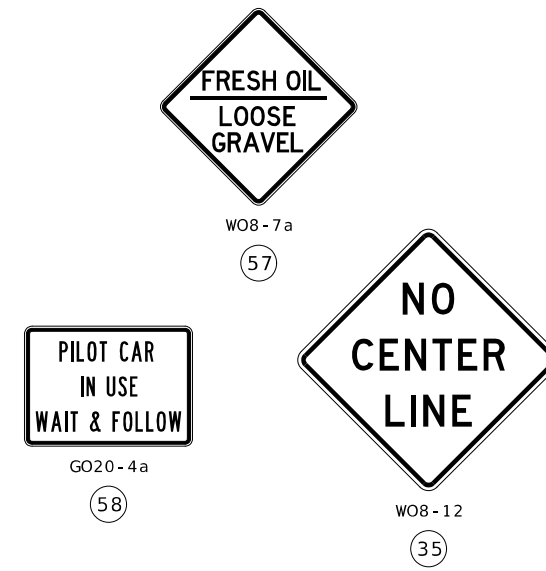
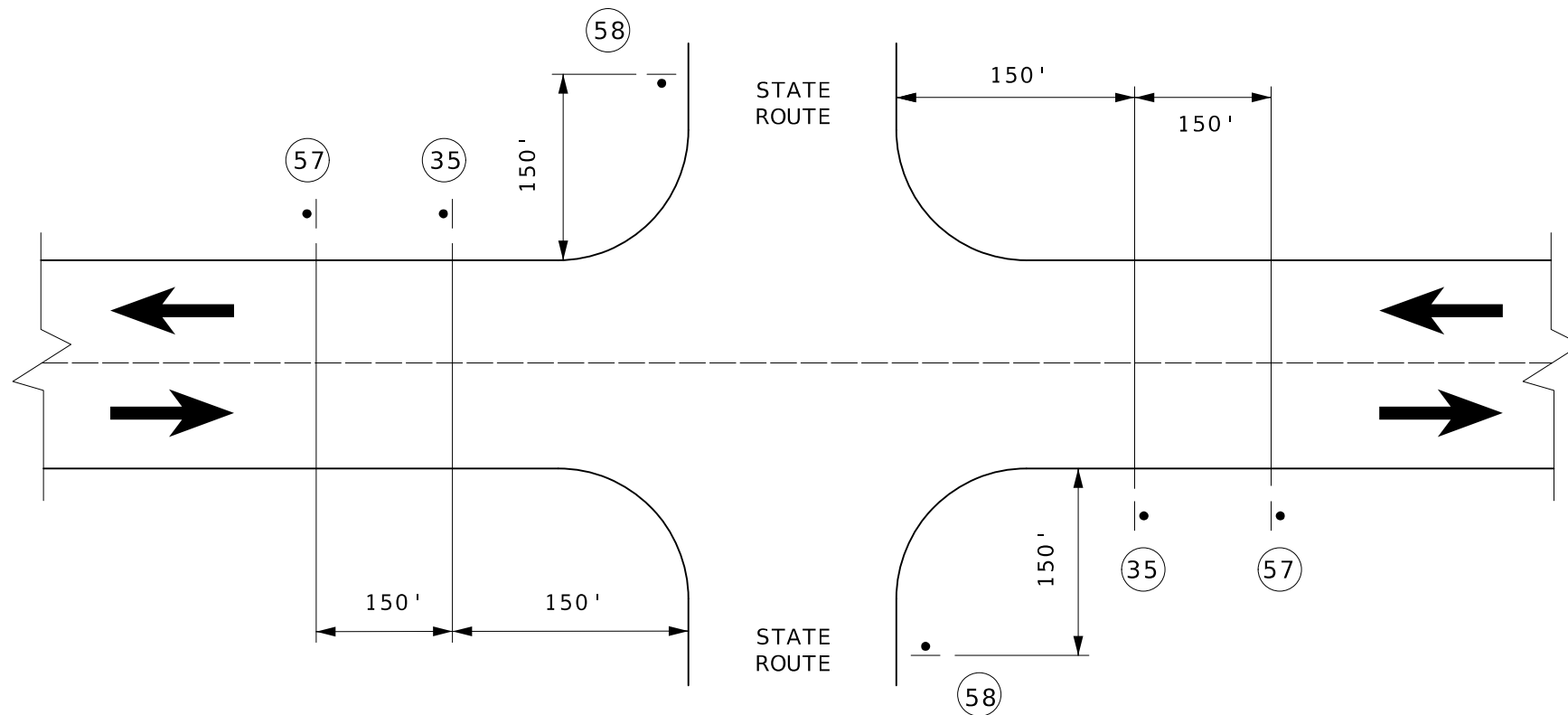
105 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

LIMITS OF TEMPORARY PAVEMENT MARKING



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



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.

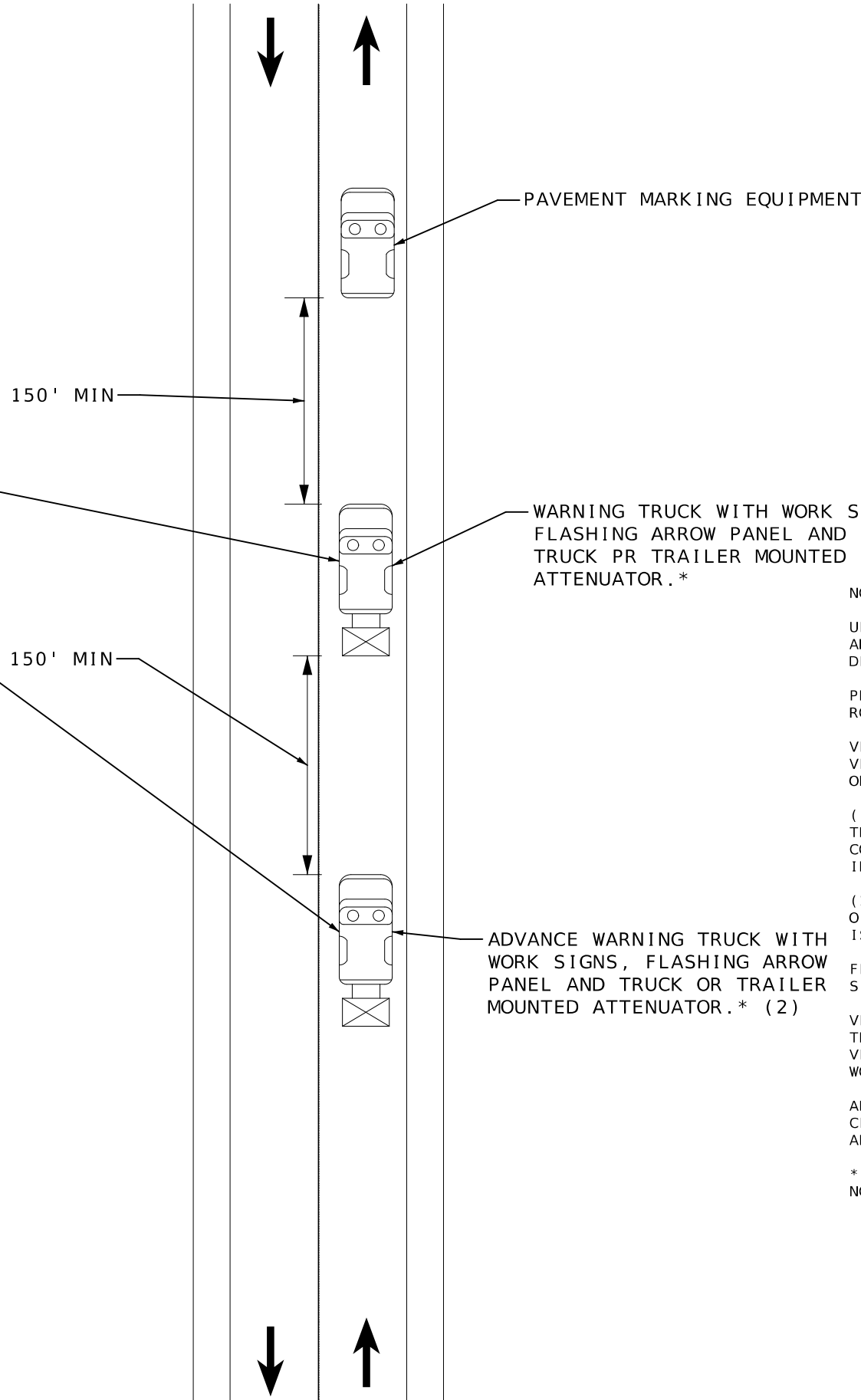
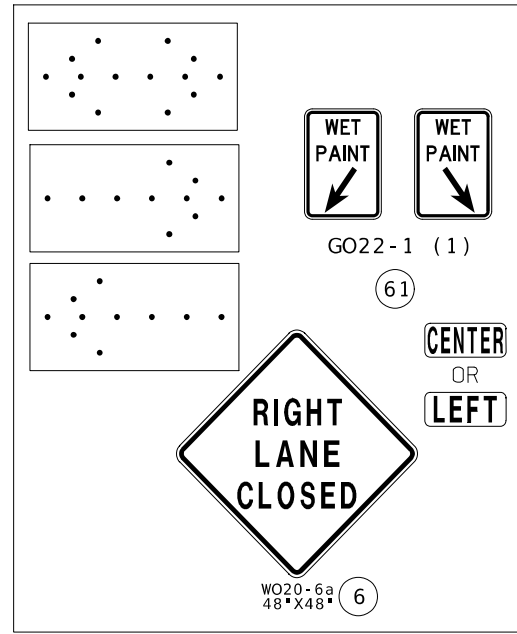
SIGN 35 IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-LENGTH MILE OF THE NORMAL MAINLINE SIGN 35, THE LATTER MAY BE ELIMINATED.

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

SIGN SPACING AT STATE ROUTE INTERSECTION SHOWING TEMPORARY STRIPING FOR MAINLINE

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

NOT TO SCALE



PAVEMENT MARKING EQUIPMENT

WARNING TRUCK WITH WORK SIGNS, FLASHING ARROW PANEL AND TRUCK OR TRAILER MOUNTED ATTENUATOR.\*

ADVANCE WARNING TRUCK WITH WORK SIGNS, FLASHING ARROW PANEL AND TRUCK OR TRAILER MOUNTED ATTENUATOR.\* (2)

NOTES:

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

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

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

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

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

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

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

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

\* TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA) IS INCIDENTAL AT NO DIRECT PAY.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
12/20/2024  
ROUTE STATE  
VAR. MO  
DISTRICT SHEET NO.  
NW 9  
COUNTY  
VARIOUS  
JOB NO.  
JNW0148  
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)