

DESIGN DESIGNATION

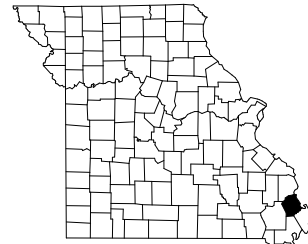
A.A.D.T. - 2025 = 4378
 A.A.D.T. - 2035 = 5745
 D.H.V. = 18%
 T = 11%
 V = 20, 30, 40, 55 M.P.H.
 D = 50%

FUNCTIONAL CLASSIFICATION-MAJOR COLLECTOR

NO NEW R/W

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

1 REVISED



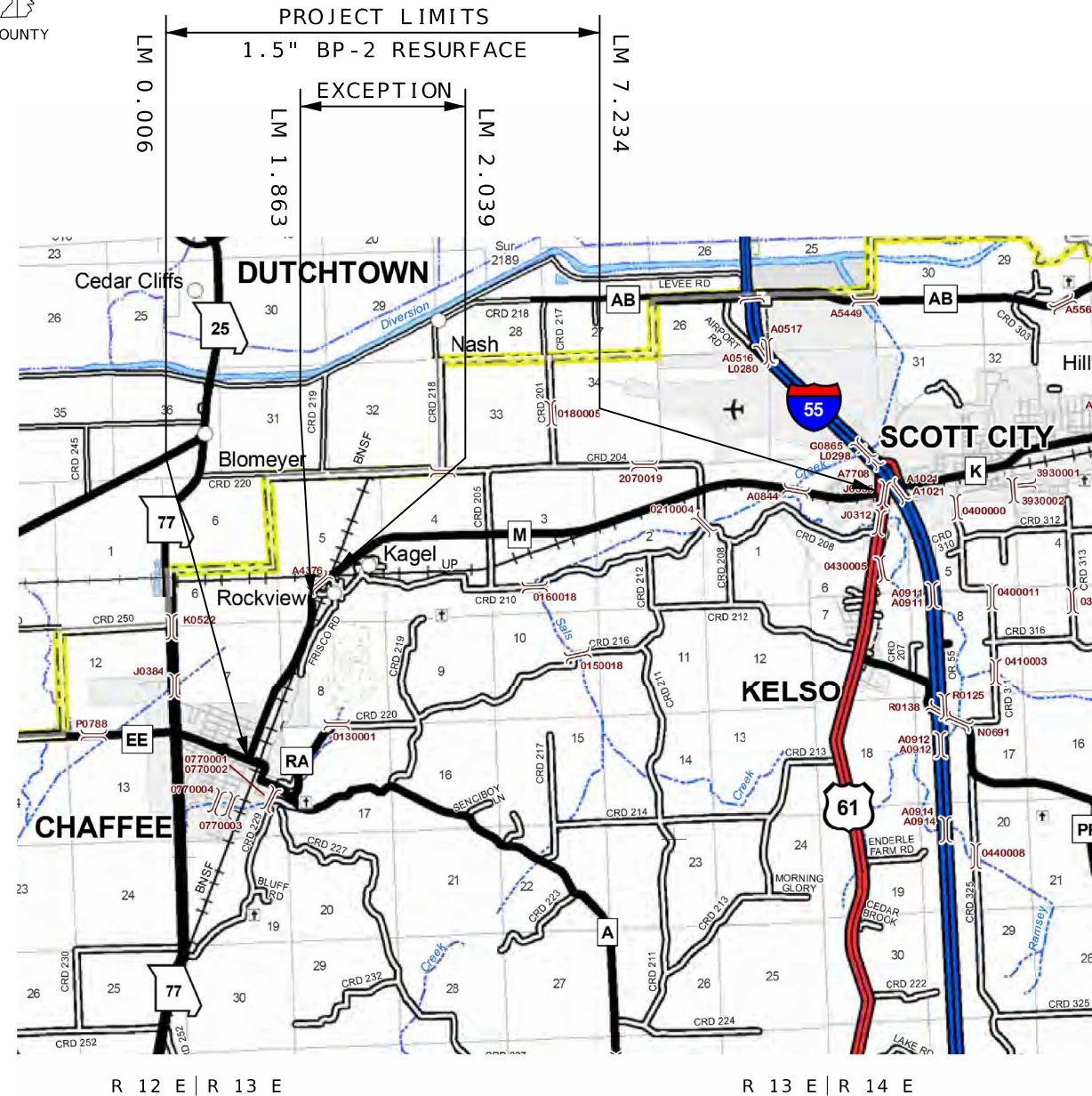
KEY MAP
 LOCATION OF SCOTT COUNTY

T 30 N
 T 29 N

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



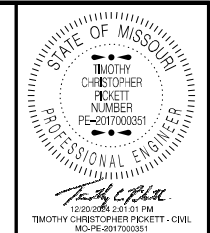
R 12 E | R 13 E

R 13 E | R 14 E

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (4 SHEETS)	2
QUANTITIES (QU) (2 SHEETS)	3
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1 6-7A



DATE PREPARED
 12/20/2024
 ROUTE STATE
 M MO
 DISTRICT SHEET NO.
 SE 1
 COUNTY
 SCOTT
 JOB NO.
 J9S3813
 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)

LENGTH OF PROJECT

BEGINNING OF PROJECT	LM 0.006
END OF PROJECT	LM 7.234
APPARENT LENGTH	38163.84 FEET
EQUATIONS AND EXCEPTIONS:	
LM 1.863 TO LM 2.039 (BR A8225)	-925.00 FEET
TOTAL CORRECTIONS	-925.00 FEET
NET LENGTH OF PROJECT	37238.84 FEET
STATE LENGTH	7.053 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.0 ACRES

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.

REV.

BITUMINOUS PAVEMENT									
LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	BP-2 PG 64-22 2.040 TON/CY		TACK 0.08 GAL/SY GAL	REMARKS
						CY	TON		
0.006	0.280	☺	1446.72	24.00	1.5	160.75	327.93	308.6	24' PAVEMENT
0.006	0.280	LT	1446.72	12.60	1.5	84.39	172.16	162.0	12.6' LT PARKING
0.006	0.280	RT	1446.72	12.60	1.5	84.39	172.16	162.0	12.6' RT PARKING
0.280	1.401	☺	5918.88	26.00	1.5	712.46	1453.42	1367.9	26' PAVEMENT
1.401	1.698	☺	1568.16	40.00	1.5	291.31	594.27	561.1	24' PAVEMENT, 8' SHOULDERS
1.698	1.863	☺	871.20	24.00	1.5	96.80	197.47	185.9	24' PAVEMENT
2.039	2.304	☺	1399.20	24.00	1.5	155.47	317.16	298.5	24' PAVEMENT
2.304	2.670	☺	1932.48	40.00	1.5	358.99	732.34	691.4	24' PAVEMENT, 8' SHOULDERS
2.670	6.439	☺	19900.32	26.00	1.5	2395.41	4886.64	4643.4	26' PAVEMENT
6.439	6.548	☺	575.52	24.00	1.5	63.95	130.46	122.8	24' PAVEMENT
6.439	6.475	LT & RT	190.08	VAR	1.5	9.36	19.09	18.0	VARIABLE LT/RT SHOULDERS
6.439	6.475	LT & RT	190.08	VAR	1.75	4.05	8.26	6.7	WEDGING FOR SHOULDER DROPOFF
6.512	6.548	LT & RT	190.09	VAR	1.5	9.07	18.50	17.4	VARIABLE LT/RT SHOULDERS
6.512	6.548	LT & RT	190.09	VAR	1.75	3.64	7.43	5.9	WEDGING FOR SHOULDER DROPOFF
6.548	7.234	☺	3622.08	26.00	1.5	435.99	889.42	837.1	26' PAVEMENT
ADD QUANTITY	LT & RT	VAR	VAR	VAR	VAR	796.78	1625.43		SAFETY EDGE
0.006	7.234	LT & RT	915.00	15.00	1.5	63.54	129.62	122.0	COUNTY RD & CITY ST (PAVED)
0.006	7.234	LT & RT	610.00	4.00	1.5	11.30	23.05	21.7	PRIVATE & COMM ENTRANCE (PAVED)
0.006	7.234	LT & RT	105.00	15.00	3	14.58	29.74	14.0	COUNTY RD & CITY ST (UNPAVED)
ADD QUANTITY	LT & RT	VAR	VAR	VAR	VAR	70.00			ENTRANCES AS DIRECTED BY ENGINEER
ADD QUANTITY	☺	VAR	38163.84	VAR	VAR		542.10		75 TON/MI IRREGULARITIES
TOTAL						12346.7		9547	

GUARDRAIL									
LM	LM	BR#	OFFSET	MGS		CRASHWORTHY END TERMINAL TYPE A (MASH) EACH	MOD SHAPING SLOPES CLASS III 100 FT	REMARKS	
				BRIDGE APPROACH TRANSITION (THREE-BEAM) EACH	6' POST GUARDRAIL LF				
6.456	6.475	A0844	RT	1	100.0	1	1.9		
6.475	6.475	A0844	LT	1		1	0.9		
6.512	6.512	A0844	RT	1		1	0.9		
6.512	6.531	A0844	LT	1	100.0	1	1.9		
TOTAL				4	200	4	6		

SEE STD 606.81 FOR GRADING LIMITS. USE PREFERRED GRADING UNLESS OTHERWISE NOTED OR APPROVED BY ENGINEER. ANY ADDITIONAL MATERIAL AND LABOR REQUIRED TO INSTALL PER MANUFACTURER'S RECOMMENDATION SHALL BE CONSIDERED COMPLETELY COVERED BY THE ABOVE PAY ITEMS. SEE SPECIAL SHEETS FOR ADDITIONAL DETAIL.

PERMANENT AGGREGATE EDGE TREATMENT								
LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	PERM AGG EDGE TREATMENT 1.7 TON/CY		REMARKS
						TONS		
0.280	1.698	LT	7487.04	2	3	235.70		
0.280	1.698	RT	7487.04	2	3	235.70		
2.304	6.475	LT	22022.88	2	3	693.31		
2.304	6.475	RT	22022.88	2	3	693.31		
6.512	7.234	LT	3812.16	2	3	120.01		
6.512	7.234	RT	3812.16	2	3	120.01		
TOTAL						2098.1		

APPLICATION RATE MAY BE ADJUSTED AS APPROVED BY ENGINEER

COLDMILLING									
LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	COLDMILLING DEPTH TRANSITIONS SY	COLDMILLING ≤3" SY	REMARKS	
								0.006	0.280
0.006	0.280	LT	1446.72	12.60	VAR		2025.5	12.6' LT PARKING	
0.006	0.280	RT	1446.72	12.60	VAR		2025.5	12.6' RT PARKING	
0.280	0.294	☺	75.00	26.00	VAR	216.7		END MILL/FILL	
1.684	1.698	☺	75.00	40.00	VAR	333.4		BEGIN MILL/FILL BEFORE BR A8225	
1.698	1.863	☺	875.00	24.00	1.5		2333.4	MILL/FILL BEFORE BR A8225	
2.039	2.304	☺	1400.00	24.00	1.5		3733.4	MILL/FILL AFTER BR A8225	
2.304	2.318	☺	75.00	40.00	VAR	333.4		END MILL/FILL AFTER BR A8225	
7.207	7.221	☺	75.00	26.00	VAR	216.7		BEGIN MILL/FILL	
7.221	7.234	☺	66.50	26.00	1.5		192.2	MILL/FILL, END PROJECT	
0.006	7.234	LT & RT	915.00	15.00	VAR	1525.0		COUNTY RD & CITY ST (PAVED)	
0.006	7.234	LT & RT	610.00	4.00	VAR	271.1		PRIVATE & COMM ENTRANCE (PAVED)	
ADD QUANTITY	LT & RT	VAR	VAR	VAR	VAR	110.0	360.0	ENTRANCES AS DIRECTED BY ENGINEER	
TOTAL						3007	14528		

MOBILIZATION -
LUMP SUM 1

TEMPORARY PAVEMENT
MARKING PAINT -
LUMP SUM 1
See JSP for details.

RUMBLE STRIPS						
LM	LM	LOC	LENGTH FT	BITUMINOUS SHLDR		REMARKS
				6" STA	12" STA	
0.578	1.401	☺	4345.44	86.91	0.00	
1.401	2.670	☺	6700.32	0.00	67.00	
2.670	6.688	☺	21215.04	424.30	0.00	
TOTAL				511.3	67.0	

REMOVAL OF IMPROVEMENTS - LUMP SUM 1				
LM	LM	LOC	DESCRIPTION	REMARKS
6.442	6.475	RT	176.14' GUARDRAIL	BR A08442
6.465	6.475	LT	53.41' GUARDRAIL	BR A08442
6.512	6.522	RT	55.32' GUARDRAIL	BR A08442
6.512	6.546	LT	182.12' GUARDRAIL	BR A08442

LOCATIONS AND QUANTITIES ARE APPROXIMATE FOLLOW SEC 202.30

961
961

TEMPORARY PAVEMENT MARKING					
LOC	TEMPORARY REMOVABLE TAPE			PAVEMENT MARKING REMOVAL LF	REMARKS
	WHITE		YELLOW		
	4" LF	24" LF	4" LF		
RTE M	879	24	2000	335	BR A0844
TOTAL		879	24	2000	335

SEE JSP FOR CONTRACTOR'S RESPONSIBILITY TO CREATE A PAVEMENT MARKING LOG PRIOR TO ANY CONSTRUCTION OPERATIONS THAT MAY AFFECT EXISTING PAVEMENT MARKING.

BRIDGE SEAL COAT								
LM	LM	LOC	LENGTH FT	WIDTH FT	SEAL COAT AGGREGATE GRADE B1 SY	EMULSIFIED ASPHALT SEAL COAT 0.3 GAL/SY GAL		REMARKS
6.475	6.512	☺	198.24	29.58	651.5	195.5		BR A08442
TOTAL						652	196	

GRAVEL A OR CRUSHED STONE B								
LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	GRAVEL A OR CRUSHED STONE B 1.75 TON/CY TONS		REMARKS
0.006	7.234	LT & RT	1665	4	1.5	27.0		PRIVATE & COMM ENTRANCE (UNPAVED)
ADD QUANTITY	LT & RT	VAR	VAR	VAR	VAR	5.0		ENTRANCES AS DIRECTED BY ENGINEER
TOTAL						32		

1333
1333

1 REVISED

DATE PREPARED
12/19/2024

ROUTE **M** STATE **MO**

DISTRICT **SE** SHEET NO. **3**

COUNTY
SCOTT

JOB NO.
J9S3813

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

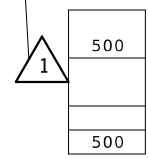
MoDOT

SUMMARY OF QUANTITIES
SHEET 1 OF 2

Table with columns: SIGN, SIZE, AREA, QTY, TOTAL AREA, QTY RELOC, TOTAL RELOC, SIGN NUM., DESCRIPTION. Includes sections for WARNING SIGNS, REGULATORY SIGNS, and MISCELLANEOUS SIGNS.

Table with columns: SIGN, SIZE, AREA, QTY, TOTAL, QTY RELOC, TOTAL RELOC, SIGN NUM., DESCRIPTION. Includes sections for GUIDE SIGNS, REGULATORY SIGNS, and MISCELLANEOUS SIGNS.

Table with columns: ITEM NUMBER, TOTAL QTY, DESCRIPTION. Lists various traffic signs and their quantities.



1 ADDED

NOTE: SEE MODOT STANDARD PLANS 616.20 FOR SPECIFICATIONS ON TRAFFIC CONTROL RELATED TO THIS OPERATION



DATE PREPARED 12/19/2024. ROUTE M, STATE MO, DISTRICT SE, SHEET NO. 3.

COUNTY SCOTT, JOB NO. J9S3813, CONTRACT ID.

PROJECT NO.

BRIDGE NO.

Table with columns: DESCRIPTION, DATE. Lists various traffic signs and their dates.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES SHEET 2 OF 2



WO20-1
2



WO20-4
7



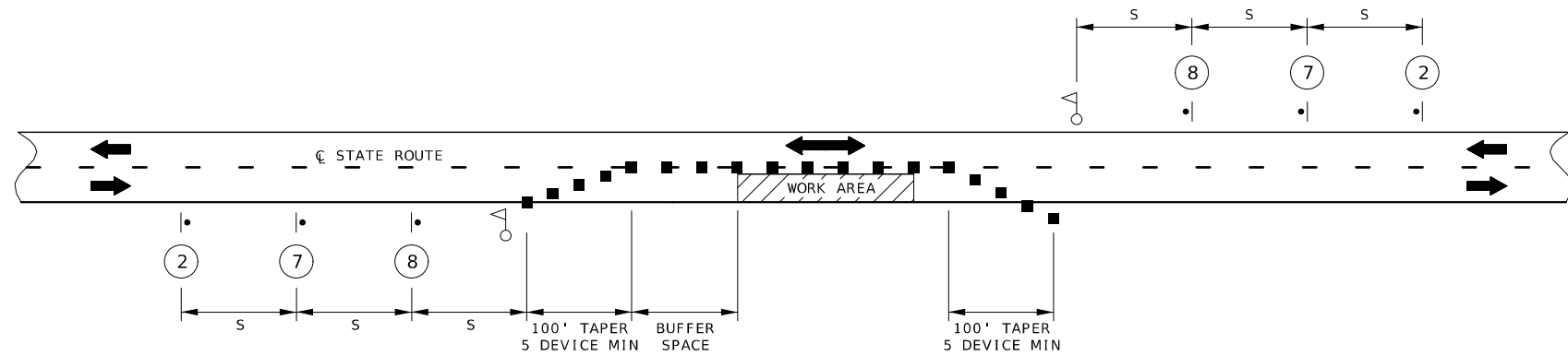
WO20-7a
8



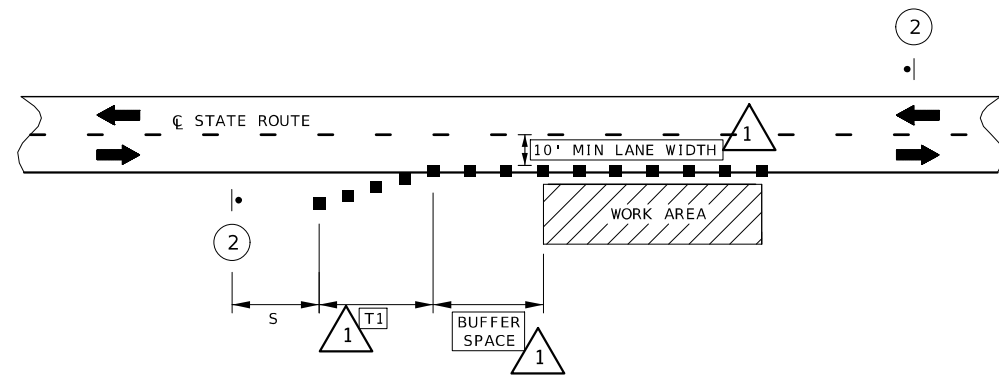
WO21-5
21

**TRAFFIC CONTROL
LEGEND**

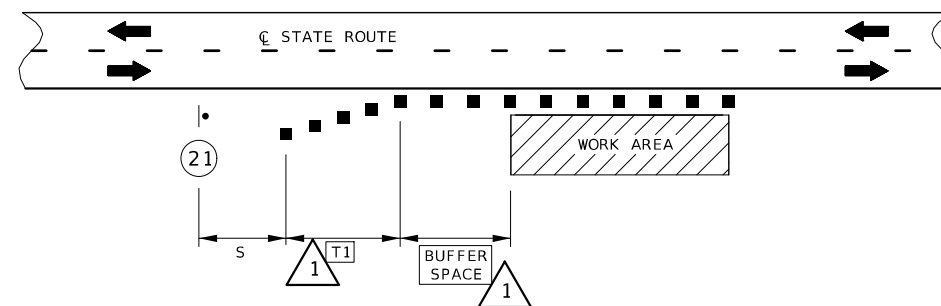
- SIGN (SINGLE SIDED)
- CHANNELIZER
- FLAGGER



1 LANE CLOSURE WITH FLAGGER CONTROL



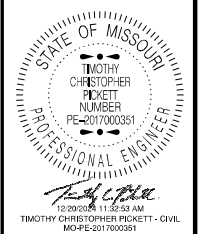
1 SHOULDER WORK WITH MINOR ENCROACHMENT



1 SHOULDER WORK

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

PERMANENT POSTED SPEED (MPH)	TAPER LENGTH T1 SHOULDER (1)	TAPER LENGTH L FOR LATERAL SHIFTS (2)			BUFFER SPACE LENGTH	CHANNELIZER SPACING (3)	
		10 FT	11 FT	12 FT		TAPERS	BUFFER SPACE WORK AREA
		0 - 35	70 FT	205 FT		225 FT	245 FT
40 - 45	150 FT	450 FT	495 FT	540 FT	400 FT	40 FT (4)	80 FT (4)
50 - 55	185 FT	550 FT	605 FT	660 FT	560 FT	50 FT (5)	80 FT (5)
60 - 70	235 FT	700 FT	770 FT	840 FT	840 FT	60 FT (5)	120 FT (5)

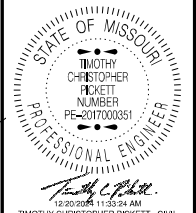


DATE PREPARED
12/19/2024
ROUTE M STATE MO
DISTRICT SE SHEET NO. 6
COUNTY SCOTT
JOB NO. J9S3813
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

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

TRAFFIC CONTROL SHEET 1 OF 2



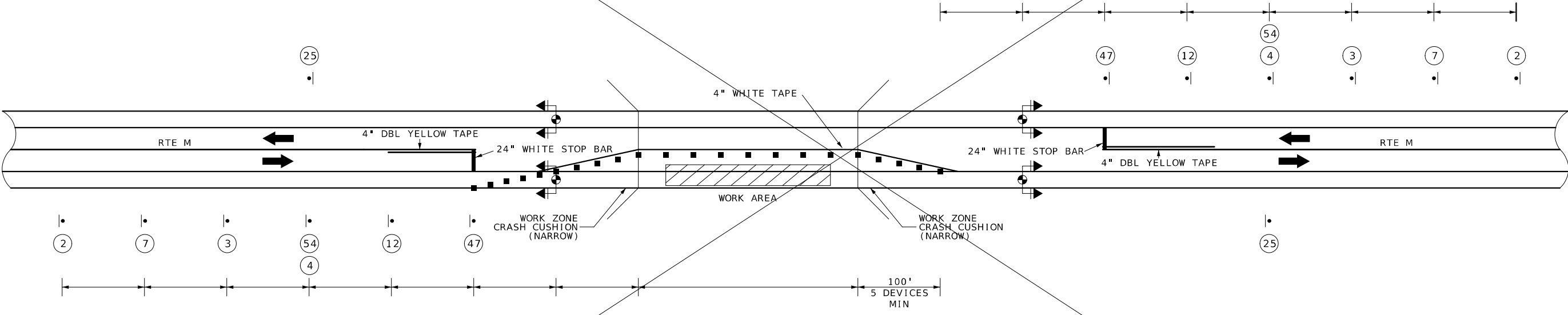
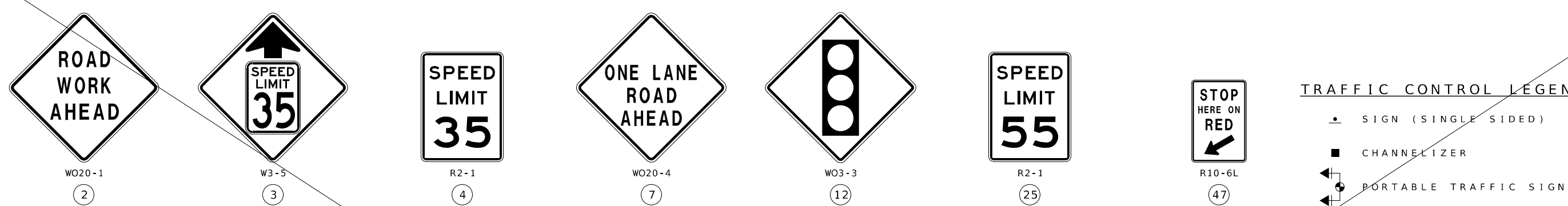
DATE PREPARED
12/18/2024
ROUTE M STATE MO
DISTRICT SE SHEET NO. 7
COUNTY SCOTT
JOB NO. J9S3813
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET 2 OF 2



LANE CLOSURE WITH SIGNALS FOR BR A0844

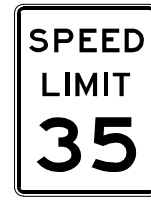
DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.



WO20-1
2



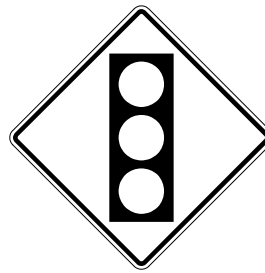
W3-5
3



R2-1
4



WO20-4
7



WO3-3
12



R2-1
25



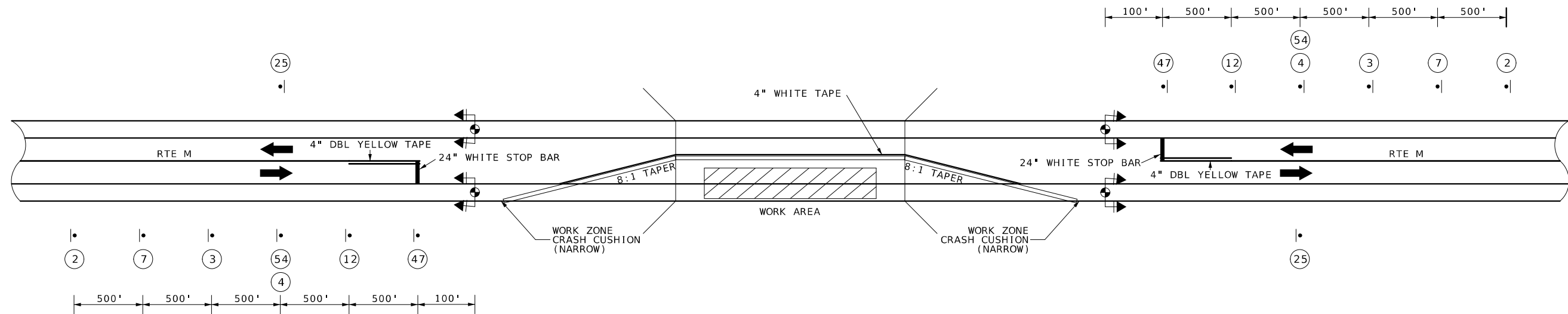
R10-6L
47

TRAFFIC CONTROL LEGEND

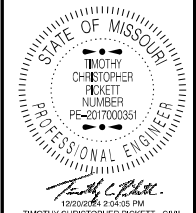
- SIGN (SINGLE SIDED)
- TEMPORARY TRAFFIC BARRIER
- ◀▶ PORTABLE TRAFFIC SIGNAL



GO20-5aP
54



LANE CLOSURE WITH SIGNALS FOR BR A0844



DATE PREPARED
12/20/2024

ROUTE
M

STATE
MO

DISTRICT
SE

SHEET NO.
7A

COUNTY
SCOTT

JOB NO.
J9S3813

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TRAFFIC CONTROL SHEET 2A OF 2