MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY HENRY COUNTY

DESIGN DESIGNATION

A.A.D.T. - 2025 = 3444

T = 6.2%

V = 25/35 M.P.H.

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS

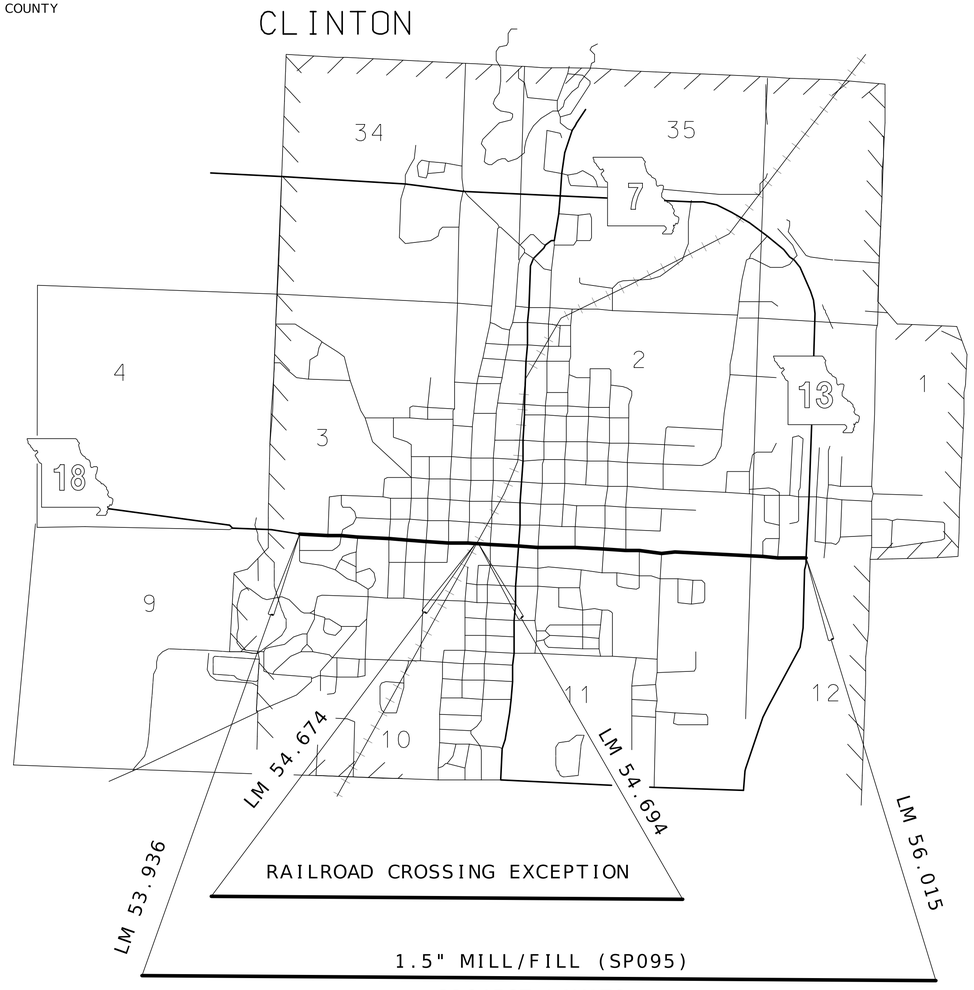
(USED IN PLANS)

	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	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	D	
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 HENRY COUNTY



NOT TO SCALE

PROJECT LIMITS
2.079 MILES

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (3 SHEETS)	2
QUANTITIES (QU) (3 SHEETS)	3
TRAFFIC CONTROL SHEETS (TC)	4-16
PAVEMENT MARKING SHEETS (PM)	17-18
SPECIAL SHEETS (SS)	19-21

LENGTH OF PROJECT

LOG MILES FROM 2025 ARAN

BEGINNING OF PROJECT	LM.	53.936
END OF PROJECT	LM.	56.015
APPARENT LENGTH		10977.12 FEET
EQUATIONS AND EXCEPTIONS:		
RR CROSSING	LM 54.674- 54.694	0.020 MILES
TOTAL CORRECTIONS		105.6 FEET
NET LENGTH OF PROJECT		10871.52 FEET
STATE LENGTH		2.059 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES		0 ACRES

STATE OF MISSOURI
CAMERON SCOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 12:44:37
CAMERON SCOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
HENRY

JOB NO.
JSR0028

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)

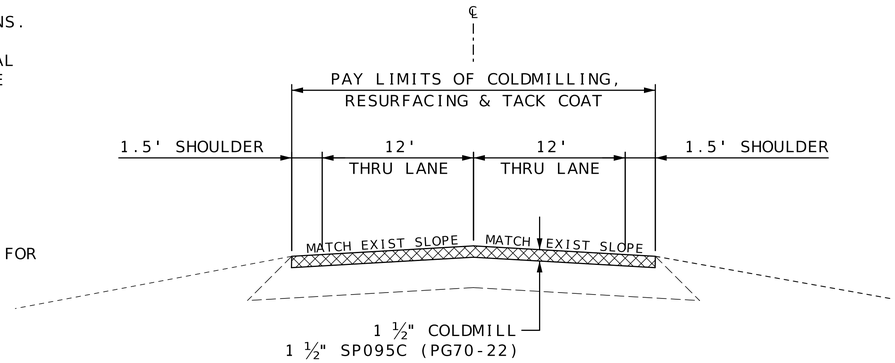
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

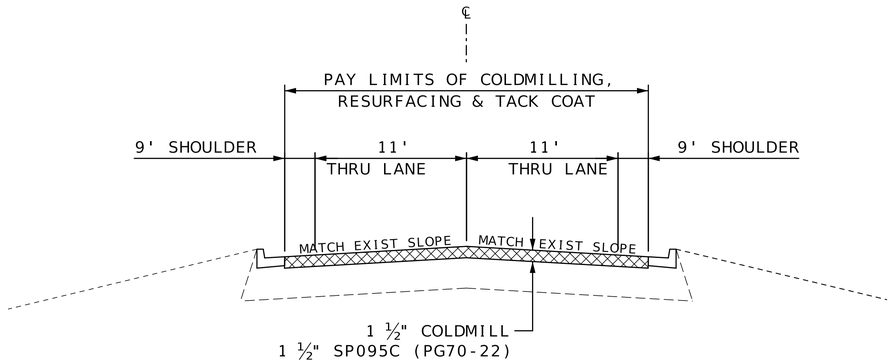
NO S.E. CORRECTION

STRIPED LANE WIDTHS MAY VARY FROM TYPICAL LANE WIDTHS SHOWN. REFERENCE PAVEMENT MARKING SHEETS FOR STRIPING DETAILS.



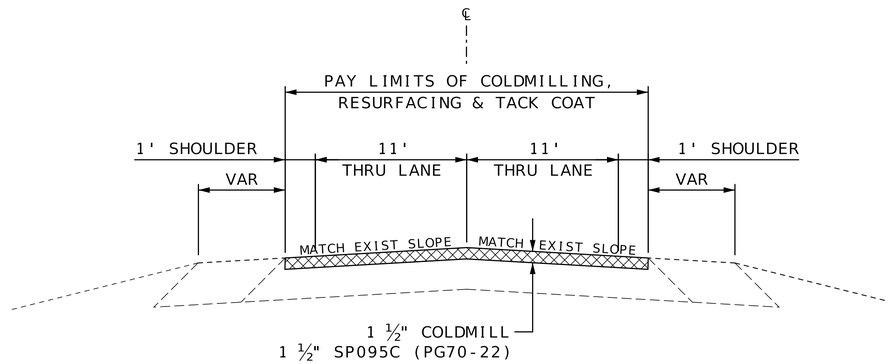
ROUTE 18

LOG MILE 53.936 TO LOG MILE 54.387



ROUTE 18

LOG MILE 54.387 TO LOG MILE 54.551



ROUTE 18

LOG MILE 54.551 TO LOG MILE 54.674

ASPHALT FACTORS	
	COMBINED FACTOR
SP095C (PG70-22)	1.975 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
IRREGULARITIES: 75 TONS/MI	

RAILROAD EXCEPTION

LOG MILE 54.674 TO LOG MILE 54.694

NOT TO SCALE

TYPICAL SECTIONS
SHEET 1 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:37
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED 6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: HENRY
JOB NO.: JSR0028
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: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
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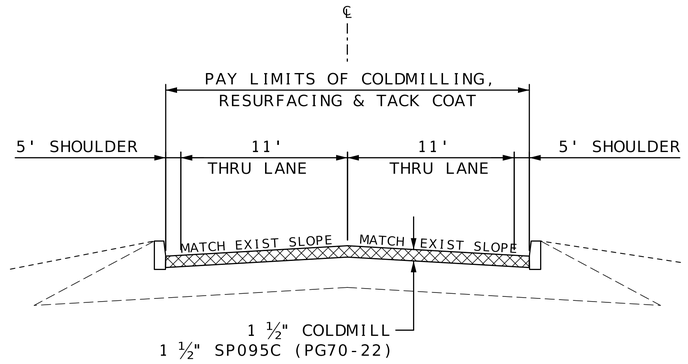
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SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

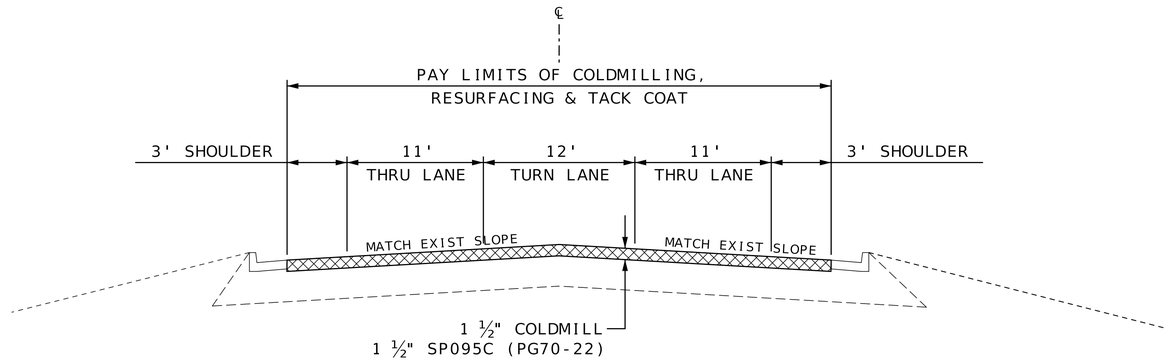
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ASPHALT FACTORS	
	COMBINED FACTOR
SP095C (PG70-22)	1.975 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
IRREGULARITIES: 75 TONS/MI	



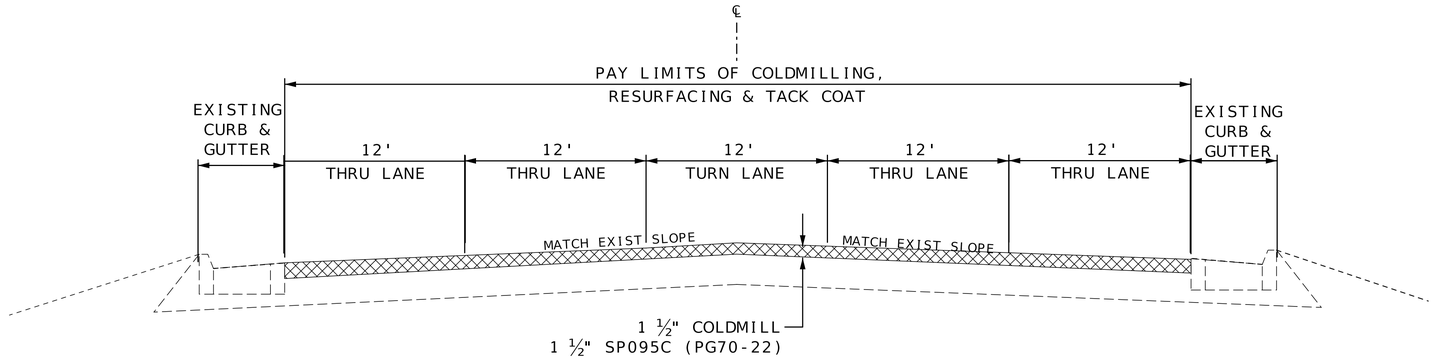
ROUTE 18

LOG MILE 54.694 TO LOG MILE 54.844



ROUTE 18

LOG MILE 54.844 TO LOG MILE 55.885



ROUTE 18

LOG MILE 55.885 TO LOG MILE 56.015

NOT TO SCALE

TYPICAL SECTIONS
SHEET 2 OF 3

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:37
CAMERON SCOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

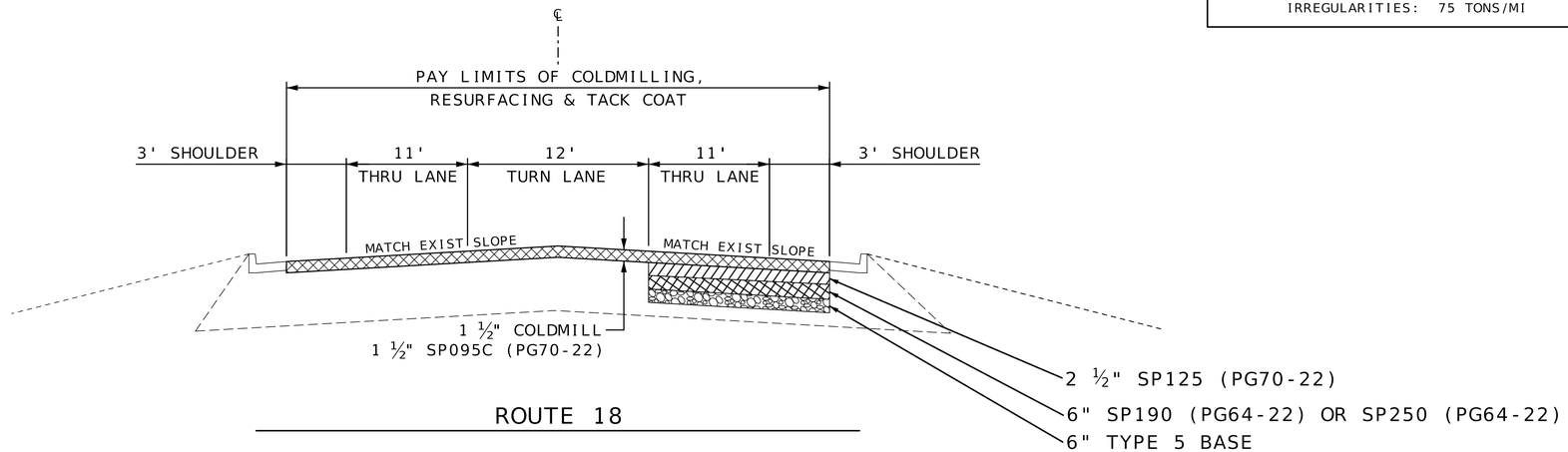
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SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

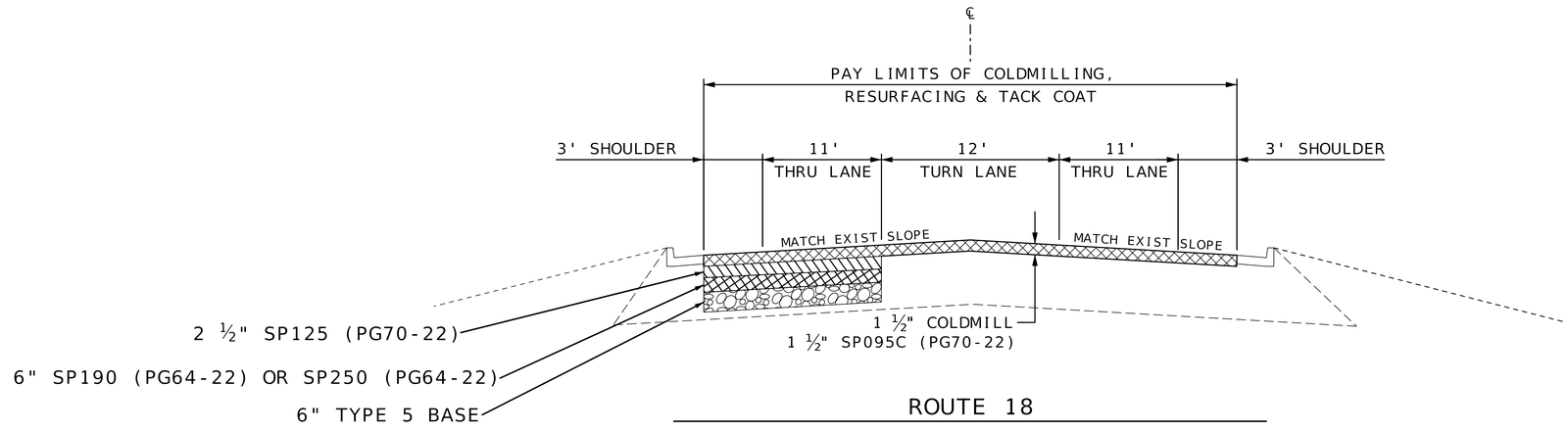
STRIPED LANE WIDTHS MAY VARY FROM TYPICAL LANE WIDTHS SHOWN. REFERENCE PAVEMENT MARKING SHEETS FOR STRIPING DETAILS.

ASPHALT FACTORS	COMBINED FACTOR
SP095C (PG70-22)	1.975 TONS/CY
SP125B (PG70-22)	1.970 TONS/CY
SP190B (PG64-22)	2.008 TONS/CY
SP250B (PG64-22)	2.022 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE 18

LOG MILE 55.450 TO LOG MILE 55.659



ROUTE 18

LOG MILE 55.770 TO LOG MILE 55.780

NOT TO SCALE

TYPICAL SECTIONS
SHEET 3 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:37
CAMERON SOOY - CIVIL
MO-PE-2021019715

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6/25/2026

ROUTE	STATE
18	MO
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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PAVEMENT MARKING

ROUTE	LOG MILE	TO	LOG MILE	LOCATION	CLASS 2				CLASS 1			PREFORMED THERMOPLASTIC				REMARKS
					6" INT WHITE	6" SOLID WHITE	4" INT YELLOW	4" SOLID YELLOW	4" SOLID WHITE	4" INT YELLOW	4" SOLID YELLOW	24" WHITE	24" WHITE MIDBLOCK	LT/RT ARROW	YIELD TRIANGLES	
					LF	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	
18	53.936	-	54.387	℄, LT, RT					4760.0	600.0						
18	54.387	-	54.551	℄, LT, RT					1731.8	220.0			42.0			SEE PAVEMENT MARKING SHEETS
18	54.551	-	54.674	℄, LT, RT					1289.9		1298.9		90.0			SEE PAVEMENT MARKING SHEETS
18	54.694	-	54.844	℄, LT, RT					1584.0		1584.0		133.7			SEE PAVEMENT MARKING SHEETS
18	54.793	-	54.844	RT					150.0		132.4	22.00		2		SEE PAVEMENT MARKING SHEETS
2ND STREET		-		LT					70.0		120.0	24.00	55.4	1		NORTH LEG
2ND STREET		-		RT					70.0		120.0	24.00	58.6	1		SOUTH LEG
18	54.856	-	54.883	LT, RT		100.0		285.1				23.00	60.0	2		SEE PAVEMENT MARKING SHEETS
18	54.883	-	55.203	LT, RT		3379.2	420.0	3380.0					162.0	8		SEE PAVEMENT MARKING SHEETS
18	55.216	-	55.885	LT, RT		7064.6	880.0	7060.0					114.0	20		
18	55.885	-	56.015	LT, RT	330.0	1741.9	60.0	1074.8						4		
18	56.011	-	56.015	LT, RT	80.0	578.8		315.5				36.00		3	7	GO TO RTE 13 MAINLINE
				TOTALS	410.0	12864.5	1360.0	12115.4	9655.7	820.0	3255.3	129.0	715.7	41	7	
				USE	13275		13475		9656	4076		845		41	7	

BITUMINOUS PAVEMENT

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	APPROACH AREA	SP095C 1.975 TONS/CY	SP125B 1.970 TONS/CY	SP250B 2.022 TONS/CY	TACK COAT 0.10 GAL/SY	REMARKS
				LF	LF	SF	TONS	TONS	TONS	GAL	
18	53.936	-	54.387	2381.3	27.0		587.9			714.4	
18	54.387	-	54.551	865.9	40.0		316.7			384.8	
18	54.551	-	54.674	649.4	34.0		201.9			245.3	
18	54.694	-	54.844	792.0	32.0		231.7			281.6	
2ND STREET		-				7037.5	64.3			78.2	SEE SPECIAL SHEETS
18	54.844	-	55.450	3199.7	40.0		1170.3			1422.1	
18	55.450	-	55.659	1103.5	40.0		403.6			490.4	SEE TYPICAL SECTIONS AND SPECIAL SHEETS FOR PAVEMENT REPAIR DETAIL
18	55.450	-	55.659	1103.5	14.0			234.8	578.5	343.3	SEE TYPICAL SECTIONS AND SPECIAL SHEETS FOR PAVEMENT REPAIR DETAIL
18	55.659	-	55.770	586.1	40.0		214.4			260.5	
18	55.770	-	55.780	52.8	40.0		19.3			23.5	SEE TYPICAL SECTIONS AND SPECIAL SHEETS FOR PAVEMENT REPAIR DETAIL
18	55.770	-	55.780	52.8	14.0			11.2	27.7	16.4	SEE TYPICAL SECTIONS AND SPECIAL SHEETS FOR PAVEMENT REPAIR DETAIL
18	55.780	-	55.885	554.4	40.0		202.8			246.4	
18	55.885	-	56.015	686.4	60.0		376.6			457.6	SEE SPECIAL SHEETS
18	56.011	-	56.015	21.1		12371.4	113.1			137.5	RIGHT TURN LANE, SEE SPECIAL SHEETS
ENTRANCES AND IRREGULARITIES											
	53.936	-	56.015	10977.1			155.9				IRREGULARITIES 75 TONS/MILE
						TOTALS	4058.5	246.0	606.2	5102.0	
						USE	4058.5	246.0	606.2	5102	

NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACE (3 IN. THICK OR LESS)

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	AREA	REMARKS
				LF	LF	SY	
18	53.936	-	54.387	2381.3	27.0	7143.9	
18	54.387	-	54.551	865.9	40.0	3848.4	
18	54.551	-	54.674	649.4	34.0	2453.3	
18	54.674	-	54.694	105.6		0.0	RAILROAD EXCEPTION
18	54.694	-	54.844	792.0	32.0	2816.0	
2ND STREET		-				781.9	SEE SPECIAL SHEETS
18	54.844	-	55.450	3199.7	40.0	14220.9	
18	55.450	-	55.659	1103.5	27.0	3310.5	SEE TYPICAL SECTIONS AND SPECIAL SHEETS FOR PAVEMENT REPAIR DETAIL
18	55.659	-	55.770	586.1	40.0	2604.9	
18	55.770	-	55.780	52.8	27.0	158.4	SEE TYPICAL SECTIONS AND SPECIAL SHEETS FOR PAVEMENT REPAIR DETAIL
18	55.780	-	55.885	554.4	40.0	2464.0	
18	55.885	-	56.015	686.4	60.0	4576.0	SEE SPECIAL SHEETS
18	56.011	-	56.015	21.1		1374.6	RIGHT TURN LANE, SEE SPECIAL SHEETS
					TOTAL	45752.8	
					USE	45753	

SUMMARY OF QUANTITIES
SHEET 1 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:38
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED 6/25/2026
ROUTE 18 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY HENRY
JOB NO. JSR0028
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)

REMOVAL OF IMPROVEMENTS							
ROUTE	LOG MILE	-	LOG MILE	LOCATION	DESCRIPTION	UNITS	TOTAL
18	55.450	-	55.450	RT	SAWCUT	LF	13.00
18	55.450	-	55.659	RT	SAWCUT	LF	1103.52
18	55.450	-	55.659	RT	SAWCUT	LF	1103.52
18	55.659	-	55.659	RT	SAWCUT	LF	13.00
18	55.770	-	55.770	LT	SAWCUT	LF	13.00
18	55.770	-	55.780	LT	SAWCUT	LF	52.80
18	55.770	-	55.780	LT	SAWCUT	LF	52.80
18	55.780	-	55.780	LT	SAWCUT	LF	13.00
18	55.450	-	55.659	RT	ASPHALT REMOVAL	SY	1593.97
18	55.770	-	55.780	LT	ASPHALT REMOVAL	SY	76.27
						TOTAL	1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

TEMPORARY PAVEMENT MARKING PAINT
1 LUMP SUM

ADJUSTING MANHOLE
5 EA

MOBILIZATION
1 LUMP SUM

TYPE 5 AGGREGATE BASE AND REPAIRING EXISTING SUBGRADE										
ROUTE	LOG MILE	TO	LOG MILE	LOCATION	LENGTH FT	WIDTH FT	AREA SY	TYPE 5 AGGREGATE BASE SY	REPAIR EXISTING SUBGRADE CY	REMARKS
18	55.450	-	55.659	LT	1103.52	14.00	1716.59	1716.6	57.2	EB LANE
18	55.770	-	55.780	RT	52.80	14.00	82.13	82.1	2.7	WB LANE
							TOTALS	1798.7	59.9	
							USE	1799	60	

SUMMARY OF QUANTITIES
SHEET 2 OF 3

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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	1	16.00				REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00	1	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						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						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				MERGE (SYMBOL FROM RIGHT)
WO4-2L	48X48	16.00	1	16.00				LANE ENDS LEFT
WO4-2R	48X48	16.00	1	16.00				LANE ENDS RIGHT
WO5-1	48X48	16.00						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						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	6	96.00				UNEVEN LANES
WO8-12	48X48	16.00	4	64.00				NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00	6	96.00				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	2	12.50				ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	25	400.00				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	23	368.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	2	32.00				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				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	23	368.00				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				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						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	19	28.50				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	6	36.00				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						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36x48	12.00	2	24.00				SPEED LIMIT 25
R2-1	36x48	12.00	2	24.00				SPEED LIMIT 35
R2-1	36x48	12.00	2	24.00				SPEED LIMIT 45
R2-1	36X48	12.00	2	24.00				SPEED LIMIT 55
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25	1	6.25				LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	1	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	2	24.00				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	2	64.00				POINT OF PRESENCE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	1888

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	600	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030	5	TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	1	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	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

STATE OF MISSOURI
CAMERON SCOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:38
CAMERON SCOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

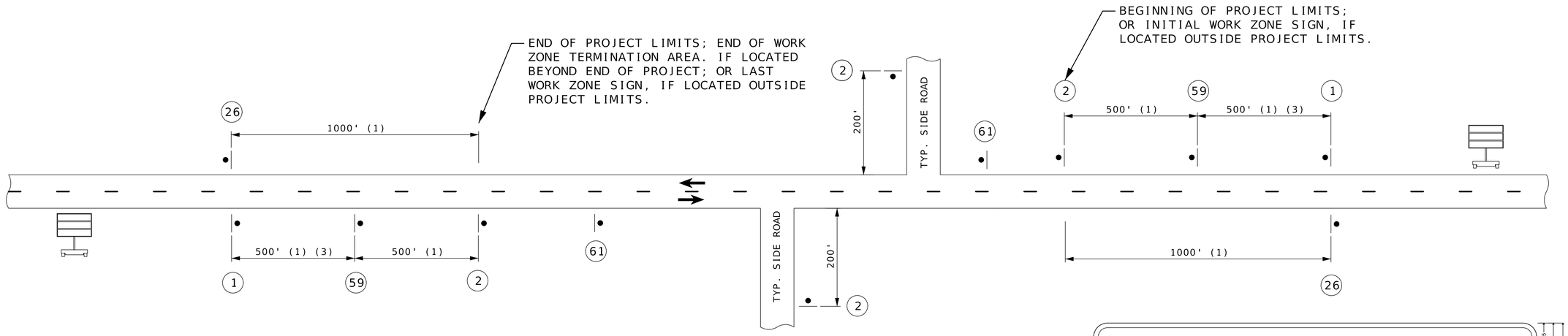
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES
SHEET 3 OF 3

GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.
16. CONTRACTOR SHALL COORDINATE WITH ADA PROJECT, JSR0338.



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

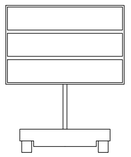
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

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

(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

(5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED

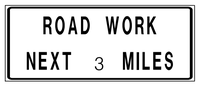


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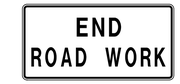
CONST-8

59 (3)



GO20-1

1 (5)



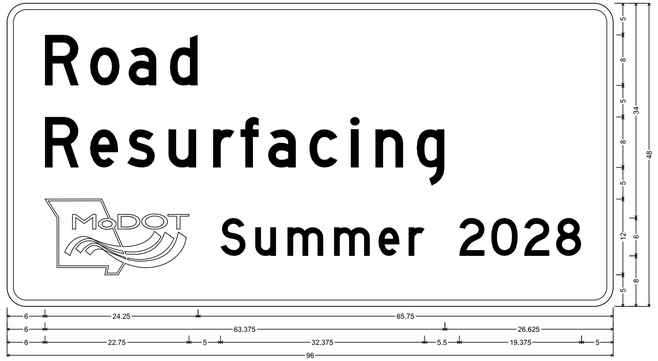
GO20-2

26 (5)



WO20-1

2

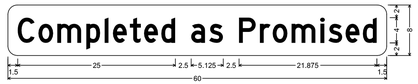


CONST-5 SH-FLAT SHEET;
3.000" Radius, 1.000" Border, White on, Green;
"Road", D; "Resurfacing", D; "Summer 2028", D 90% spacing;
Table of letter and object lefts

R 6.000	o 13.125	a 19.250	d 25.750
R 6.000	e 13.125	s 19.000	u 25.625	r 32.625	f 37.000	a 41.375	c 47.875	l 54.500	n 58.375	g 64.875
6.000	S 33.750	u 39.250	m 44.375	m 51.750	e 58.875	r 63.625	2 71.625	0 76.750	2 81.875	8 87.000

CONST-5-96

61 (2)



CONST-5P-60 SHF-FLAT SHEET FLUORESCENT;
1.500" Radius, No border, Yellow;
"Completed as Promised" Black, D 65% spacing;
Table of letter and object lefts

C 1.500	o 4.875	m 7.875	p 12.375	l 15.375	e 16.625	t 19.375	e 21.500	d 24.250	e 29.000	s 31.875	
P 36.625	r 39.875	o 41.875	m 44.875	l 49.500	s 50.750	e 53.500	d 56.250				

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 13

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:38
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED: 6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	4

COUNTY: HENRY

JOB NO.: JSR0028

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)



WO20-1

2



WO20-4

7



WO20-7a

8

GO20-5aP



R2-1

54

4



R2-1

25

(NORMAL SPEED)

GO20-5aP



R2-1

54

4



R2-1

25

(NORMAL SPEED)

GO20-5aP



R2-1

54

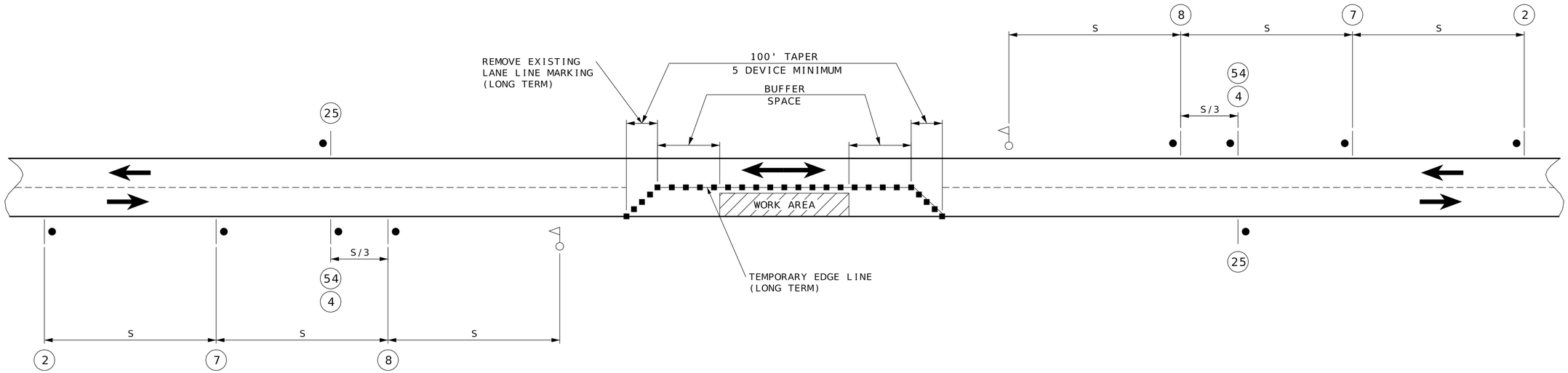
4



R2-1

25

(NORMAL SPEED)



NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

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

FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE. NO DIRECT PAY.

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)	OPTIONAL
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	BUFFER/ WORK AREAS	BUFFER LENGTH (FT)
0-35	200	40	250
40-45	350	80	360
50-55	500	80	495
60-70	1000	120	730

SPACING 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, AS APPROVED BY ENGINEER.

• SIGN (SINGLE SIDED)

FLAGGER

■ CHANNELIZER

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 13

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 12:44:38
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

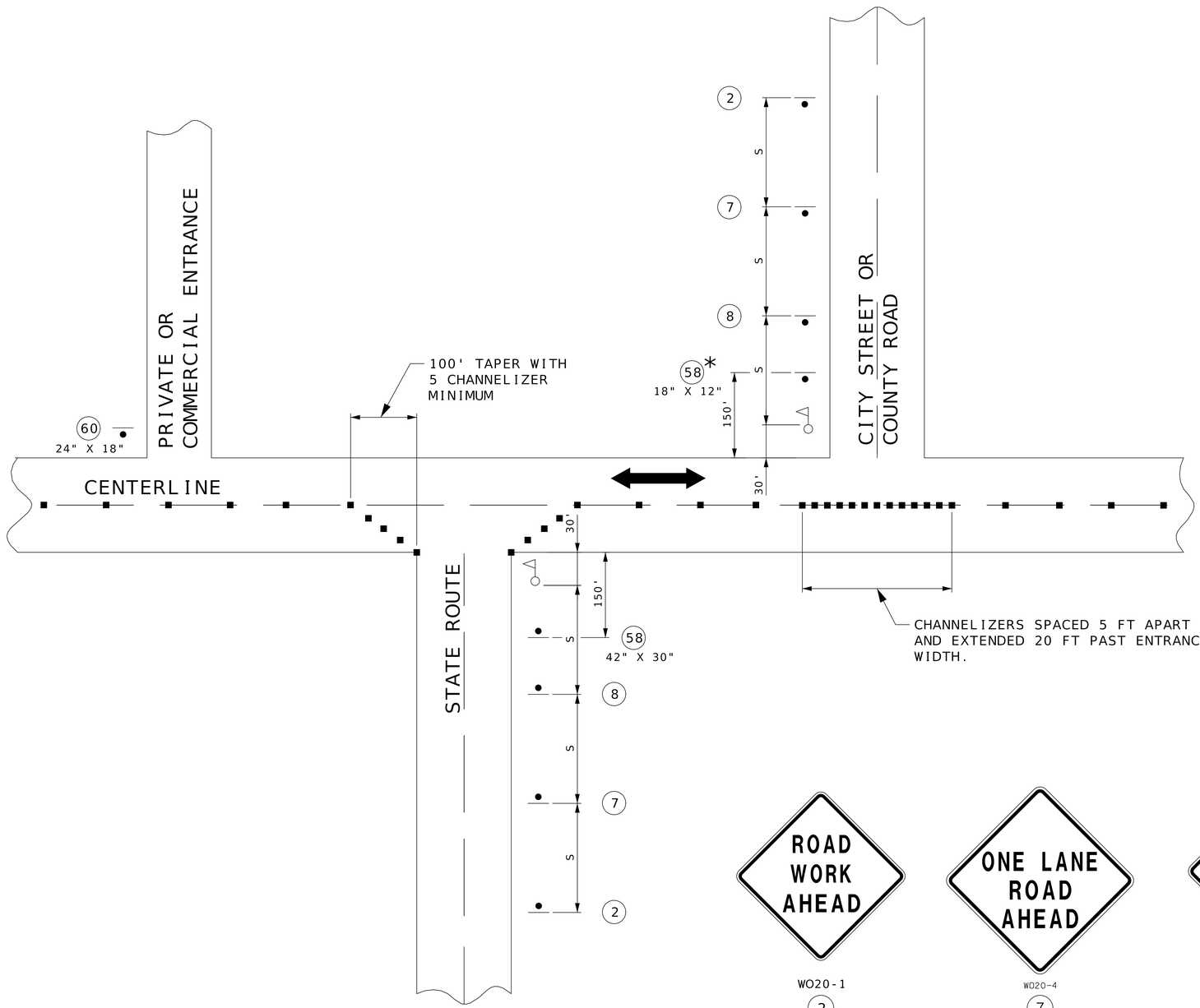
PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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

SIDE ROADS ENTERING WORK ZONES



SPEED	SIGN SPACING (FT.)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER WORK AREA
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

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.

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

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



GO20-4a

58

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).



24" X 18"

60

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

WO20-1

2

WO20-4

7



WO20-7a

8

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 13

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 sheet 39
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO

DISTRICT	SHEET NO.
SW	6

COUNTY
HENRY

JOB NO.
JSR0028

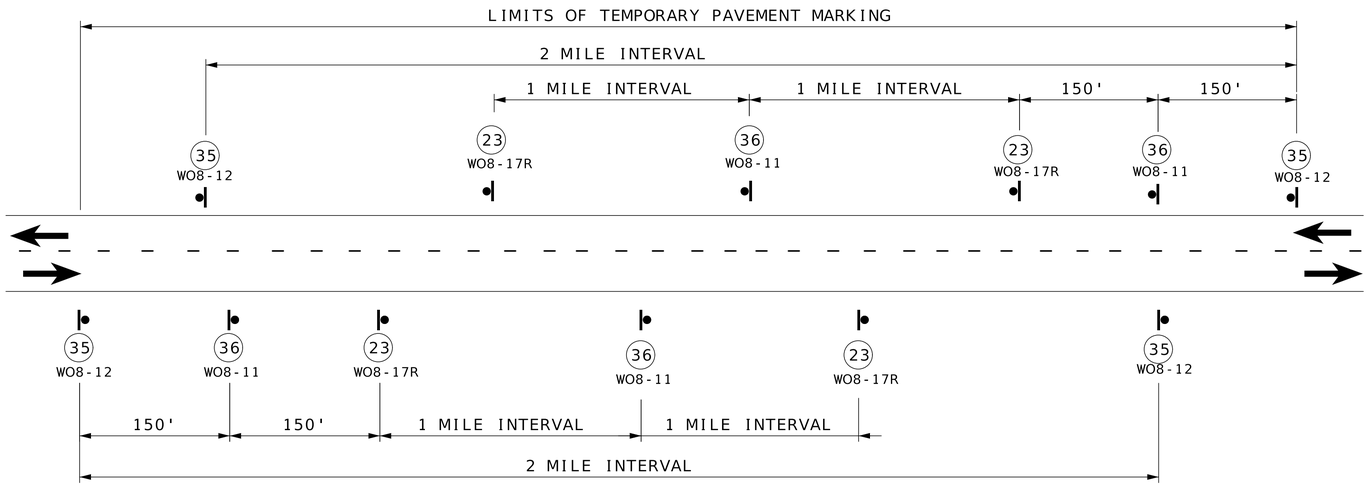
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PROJECT NO.

BRIDGE NO.

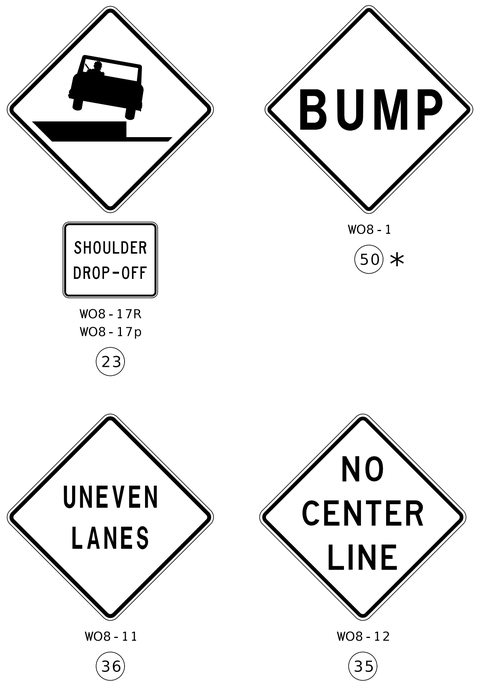
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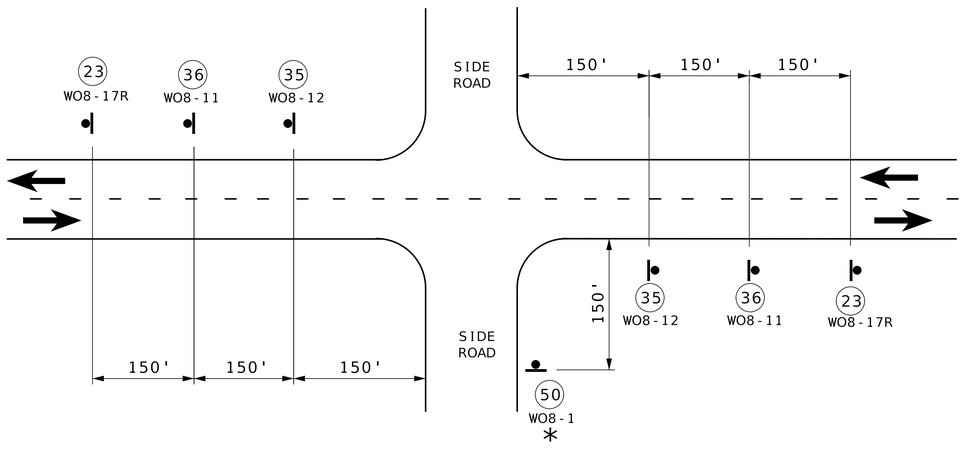
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.





SIGN SPACING AT STATE ROUTE INTERSECTIONS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING 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-EIGHTH 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.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 13

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:39
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
HENRY

JOB NO.
JSR0028

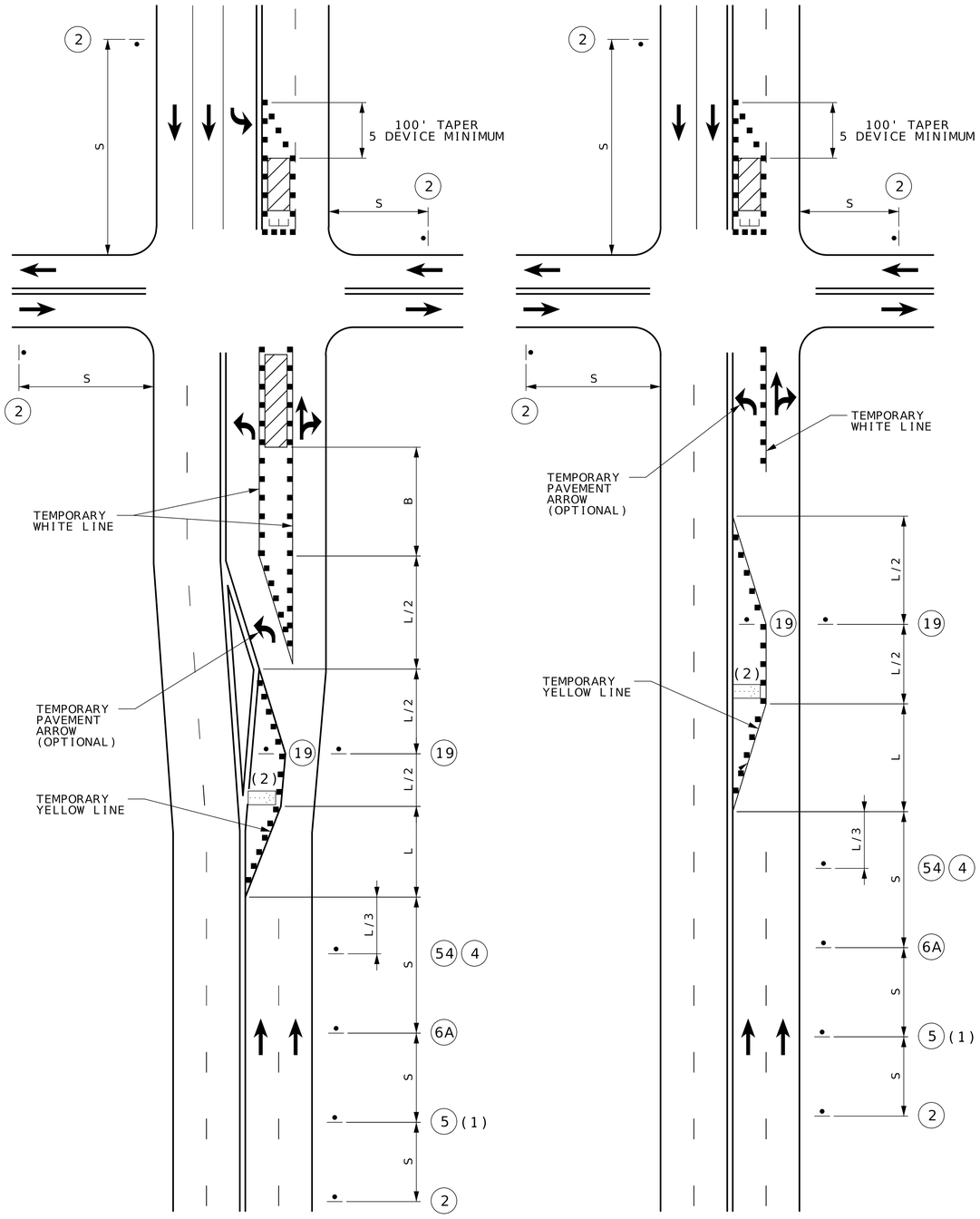
CONTRACT ID.

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)



WORK ON NEAR OR FAR SIDE

WORK ON FAR SIDE ONLY

LEFT LANE CLOSURE AT INTERSECTION

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	540	360	40	80
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(1) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(2) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

TRAFFIC CONTROL LEGEND

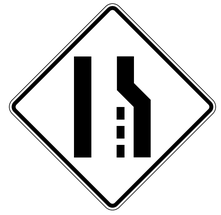
- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



WO20-1
(2)



WO20-5
(5)



WO4-2R
(6A)



R3-7L
(19)

GO20-5aP





R2-1
(54)
(4)



R2-1
(25)
(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 13

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:39
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

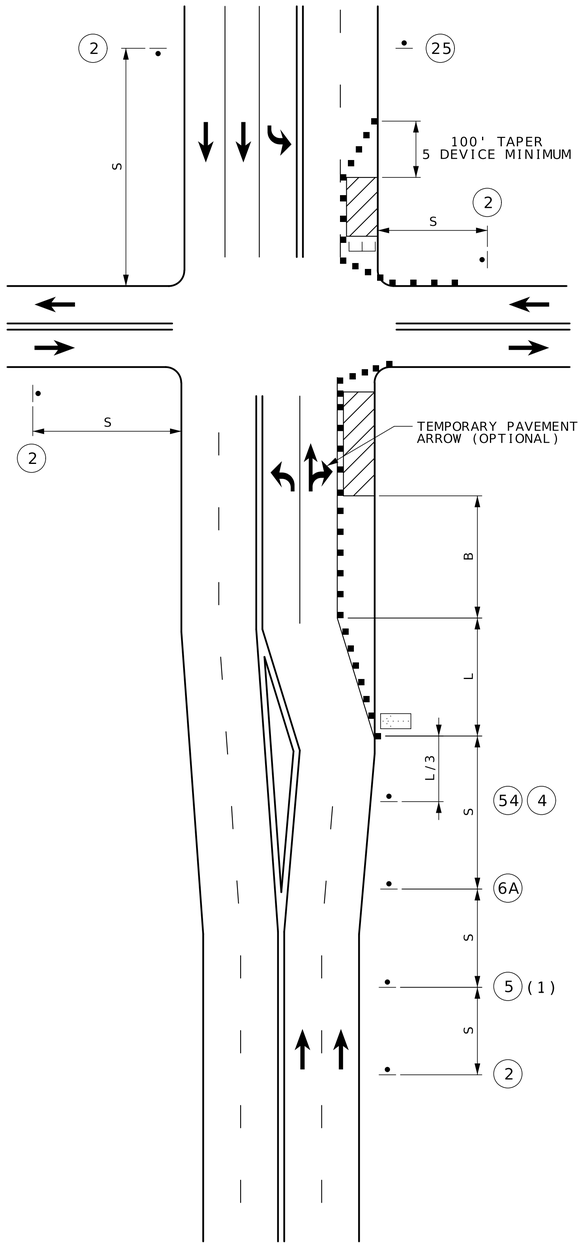
PROJECT NO.

BRIDGE NO.

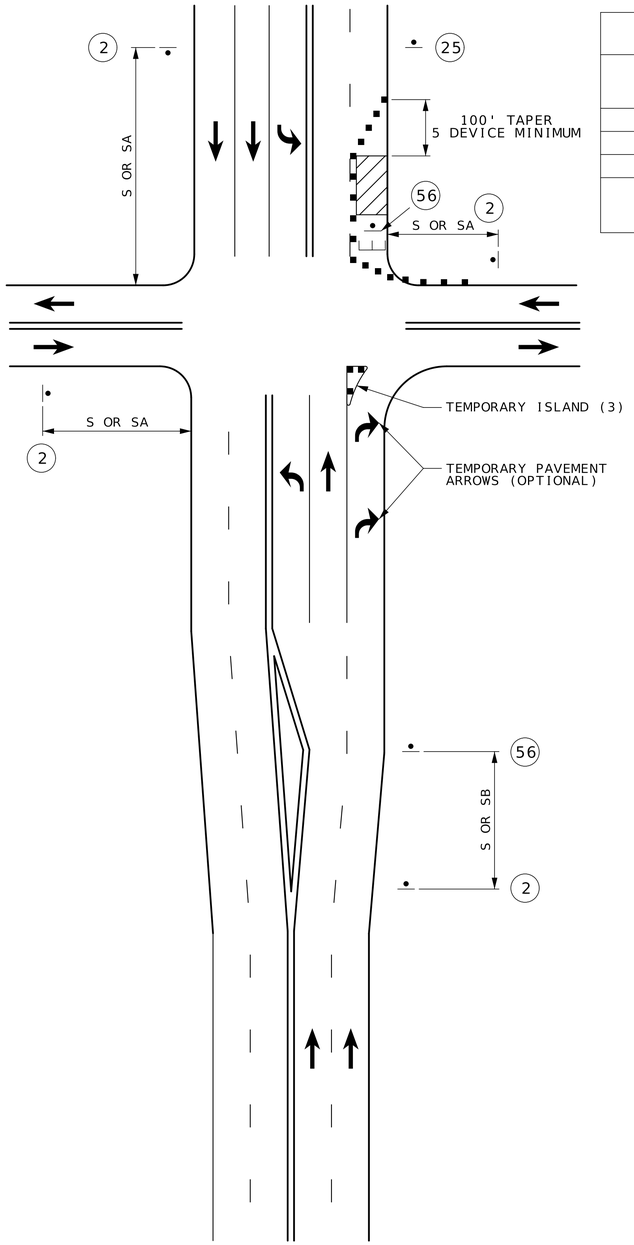
DESCRIPTION

DATE

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



WORK ON NEAR OR FAR SIDE



WORK ON FAR SIDE ONLY (2)

RIGHT LANE CLOSURE AT INTERSECTION

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	540	360	40	80
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:
FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(1) RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(2) TYPICAL APPLICATION ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH TRAFFIC TURNS RIGHT.

(3) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.

TRAFFIC CONTROL LEGEND

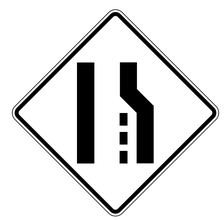
- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



WO20-1
2



WO20-5
5



WO4-2R
6A

GO20-5aP





R3-7R
56



R2-1
54
4



R2-1
25
(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 13

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:39
CAMERON SOOY - CIVIL
MO-PE-2021019715

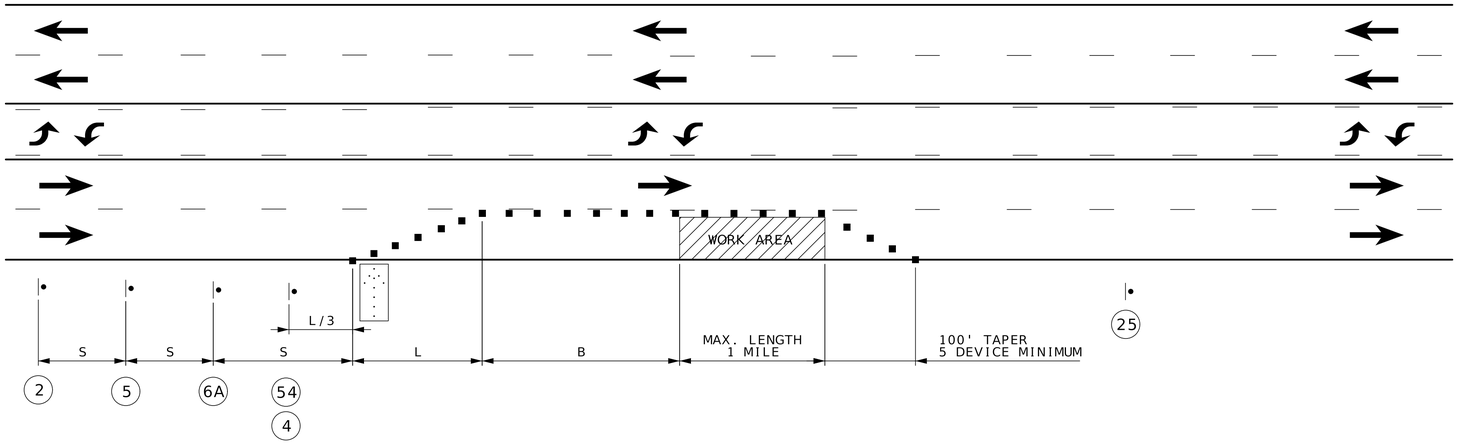
DATE PREPARED
6/25/2026

ROUTE 18 | STATE MO
DISTRICT SW | SHEET NO. 9
COUNTY HENRY
JOB NO. JSR0028
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



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE ZONE" AND "POINT OF PRESENCE" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



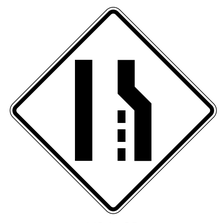
WO20-1

(2)



WO20-5

(5)



WO4-2R

(6A)

GO20-5aP





R2-1

(54)
(4)



R2-1

(25)

(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 13

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:39
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

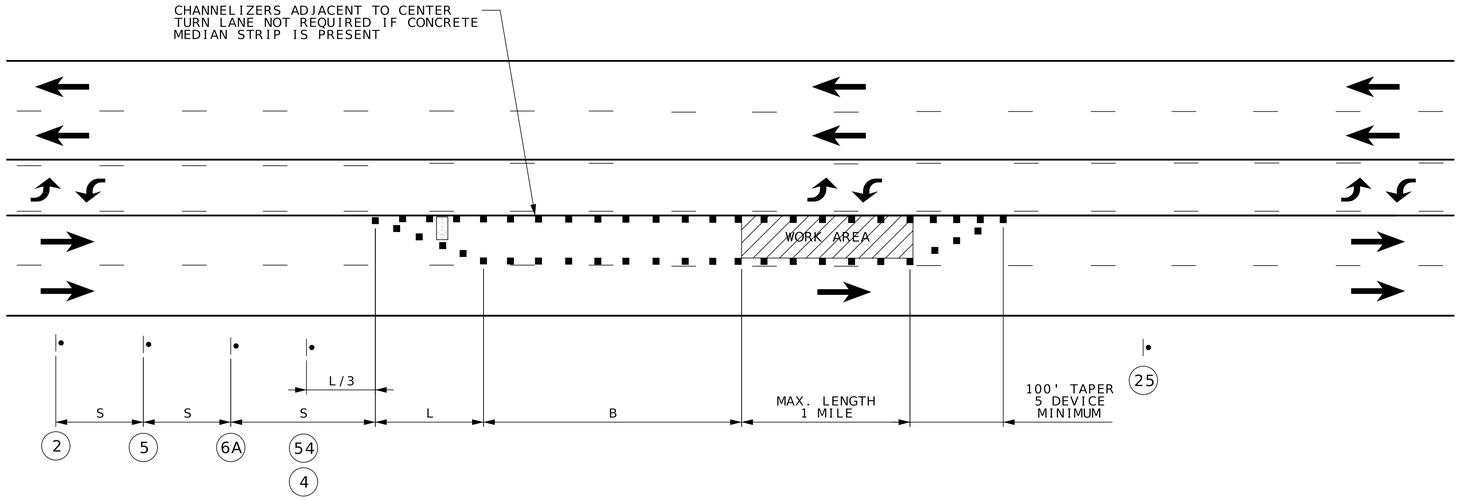
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

PASSING LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE ZONE" AND "POINT OF PRESENCE" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



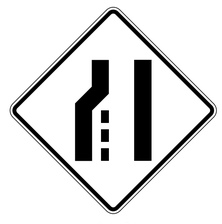
WO20-1

(2)



WO20-5

(5)



WO4-2L

(6A)

GO20-5aP





R2-1

(54)
(4)



R2-1

(25)

(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 8 OF 13

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:40
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

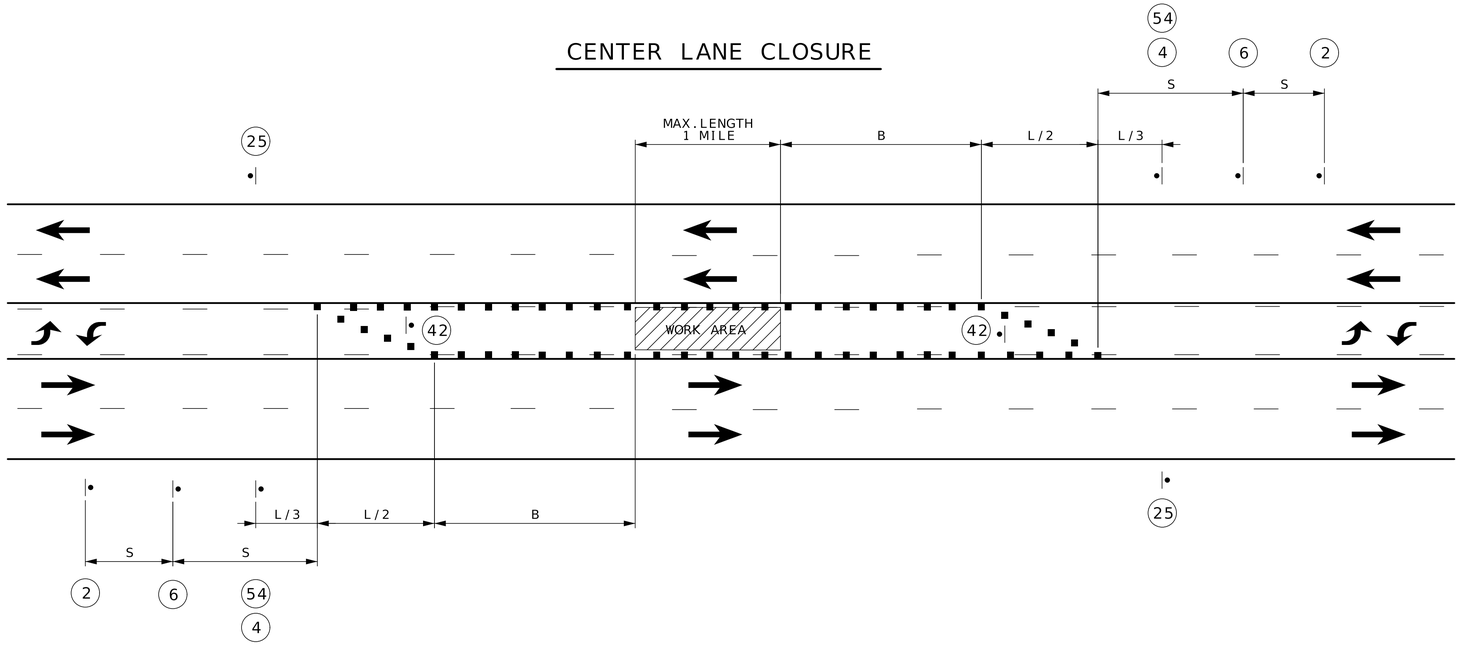
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

CENTER LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

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WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



WO20-1

(2)



WO20-6a

(6)



R4-7a

(42)

GO20-5aP



R2-1

(54)
(4)



R2-1

(25)

(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 9 OF 13



06-30-2026 12:44:40
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

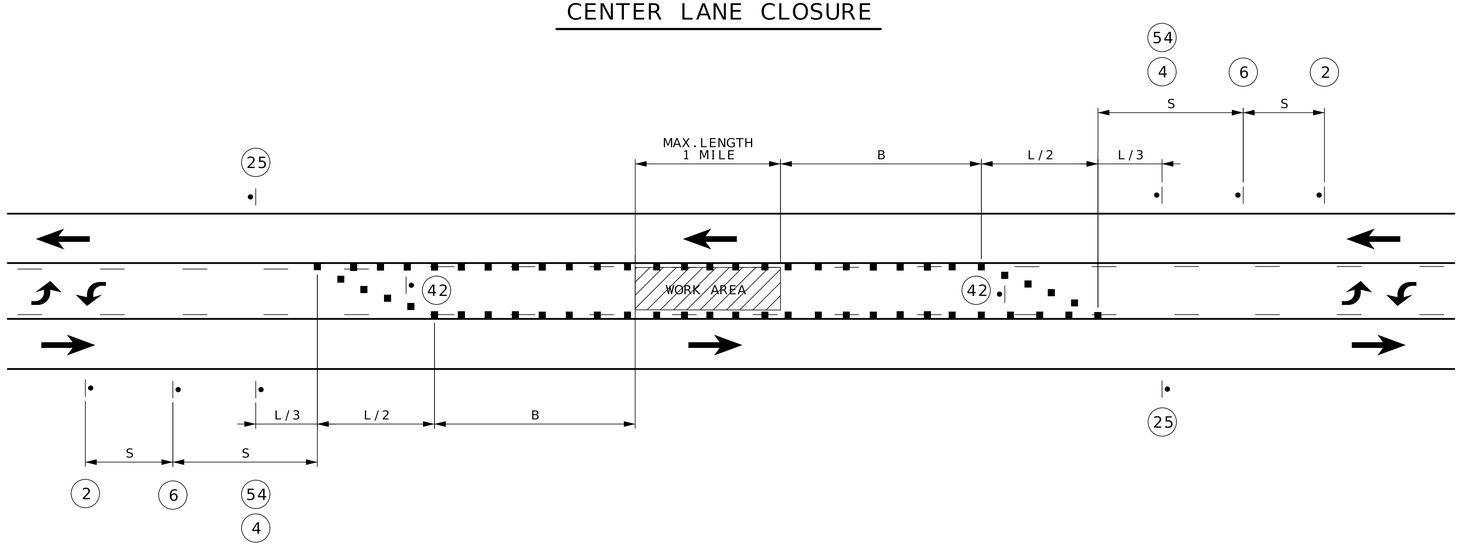
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

CENTER LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

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WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



WO20-1

(2)



WO20-6a

(6)



R4-7a

(42)

GO20-5aP



R2-1

(54)
(4)



R2-1

(25)

(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 10 OF 13



06-30-2026 12:44:40
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

PROJECT NO.

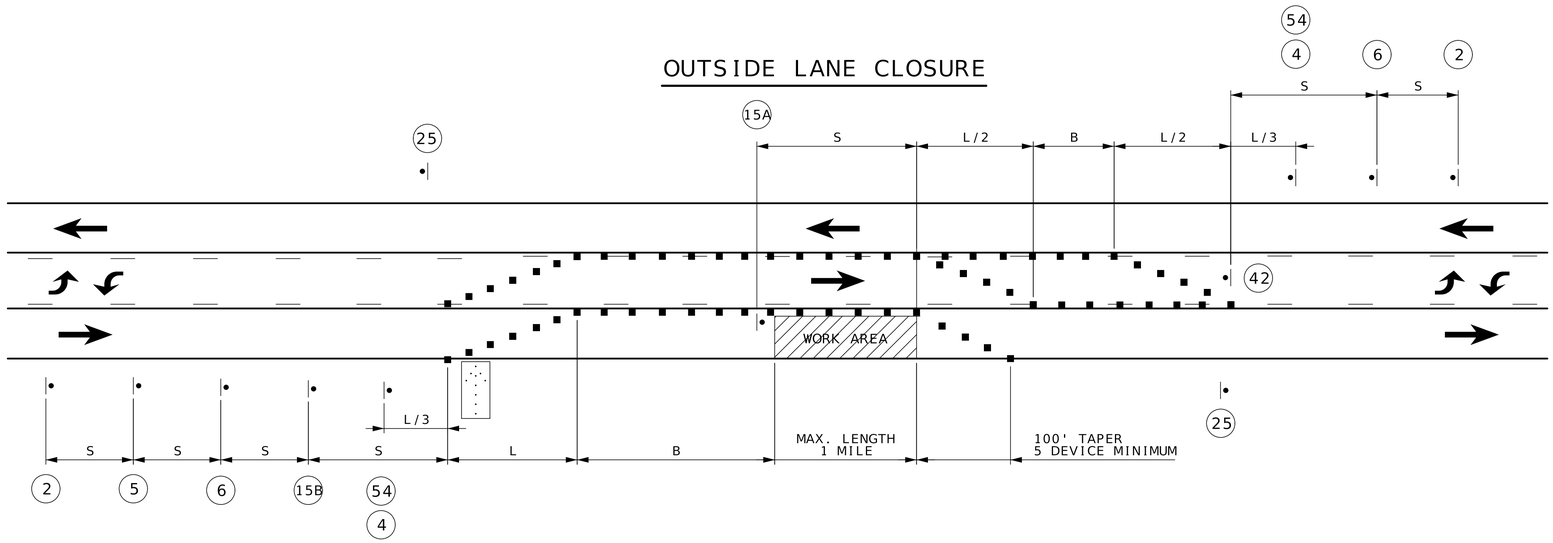
BRIDGE NO.

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



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

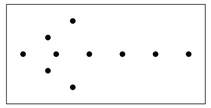
SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE ZONE" AND "POINT OF PRESENCE" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.

(1) WO13-1 PLAQUE IS OPTIONAL.



FLASHING ARROW BOARD



WO20-6a

6

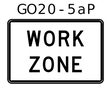
CENTER



R4-7a

42

GO20-5aP





R2-1

54

4



R2-1

25

(NORMAL SPEED)



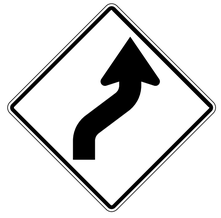
WO20-1

2



WO20-5

5



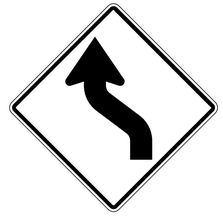
WO1-4R



(1)

WO13-1

15A



WO1-4L



(1)

WO13-1

15B

NOT TO SCALE

TRAFFIC CONTROL
SHEET 11 OF 13

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:40
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
HENRY

JOB NO.
JSR0028

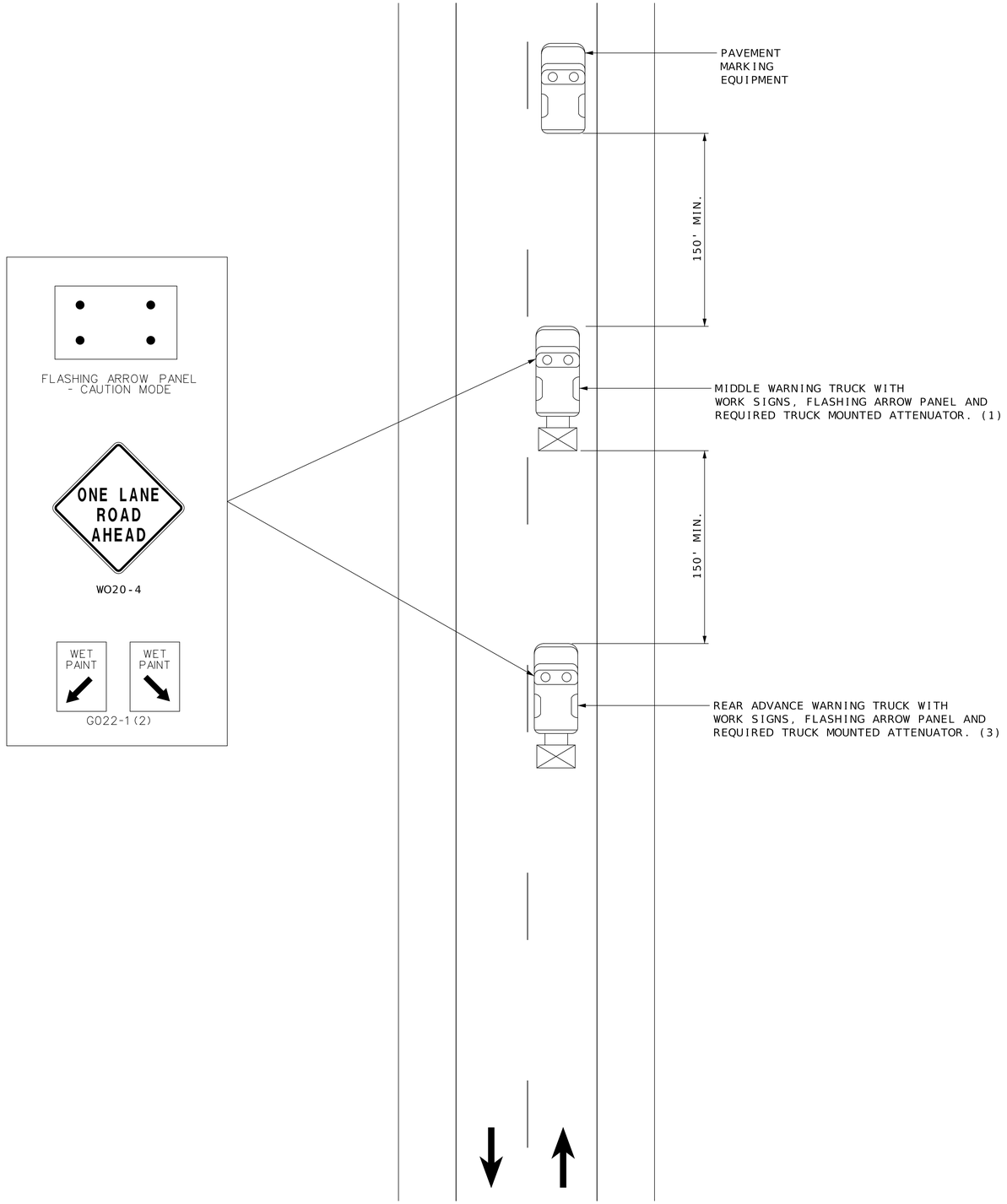
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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



PAVEMENT MARKING ON TWO-LANE HIGHWAY

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.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

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

(3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 12 OF 13

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:40
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

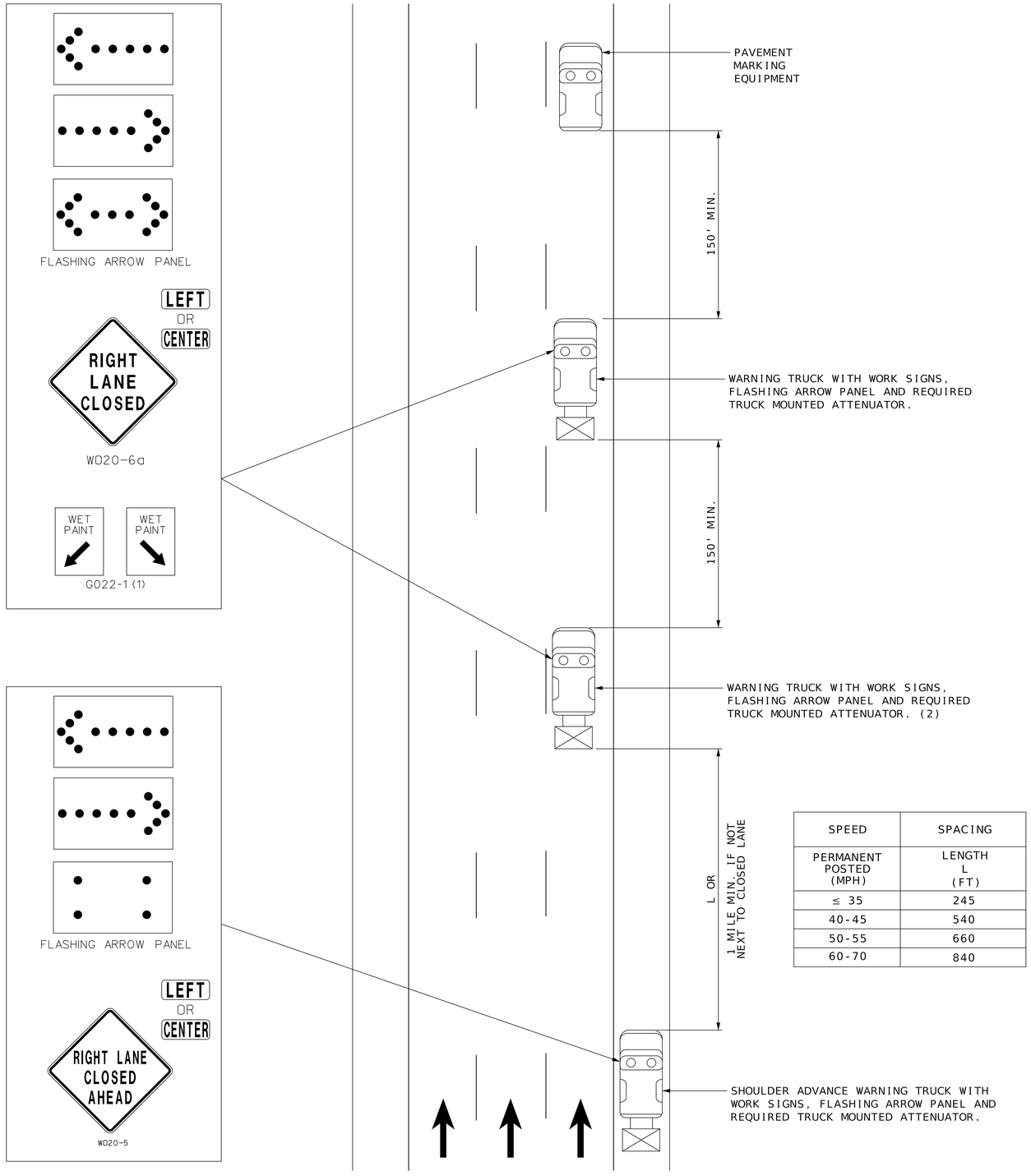
PROJECT NO.

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 L (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.

PAVEMENT MARKING ON DIVIDED HIGHWAY

NOT TO SCALE

TRAFFIC CONTROL
SHEET 13 OF 13

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:40
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

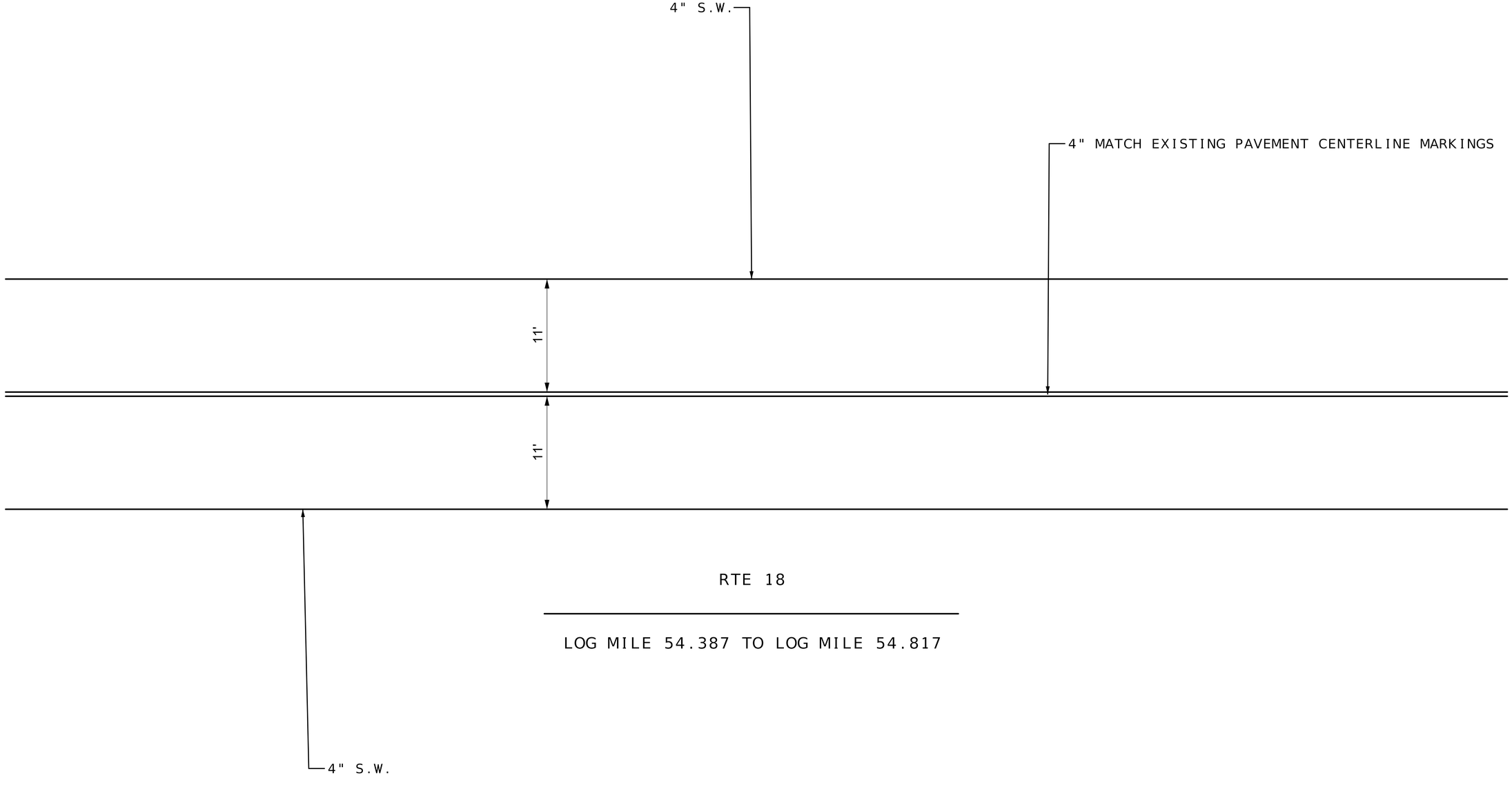
DESCRIPTION	DATE

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

TYPICAL PAVEMENT MARKING

LEGEND

S.W. - SOLID WHITE



RTE 18

LOG MILE 54.387 TO LOG MILE 54.817

PAVEMENT MARKING
SHEET 1 OF 2

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:41
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

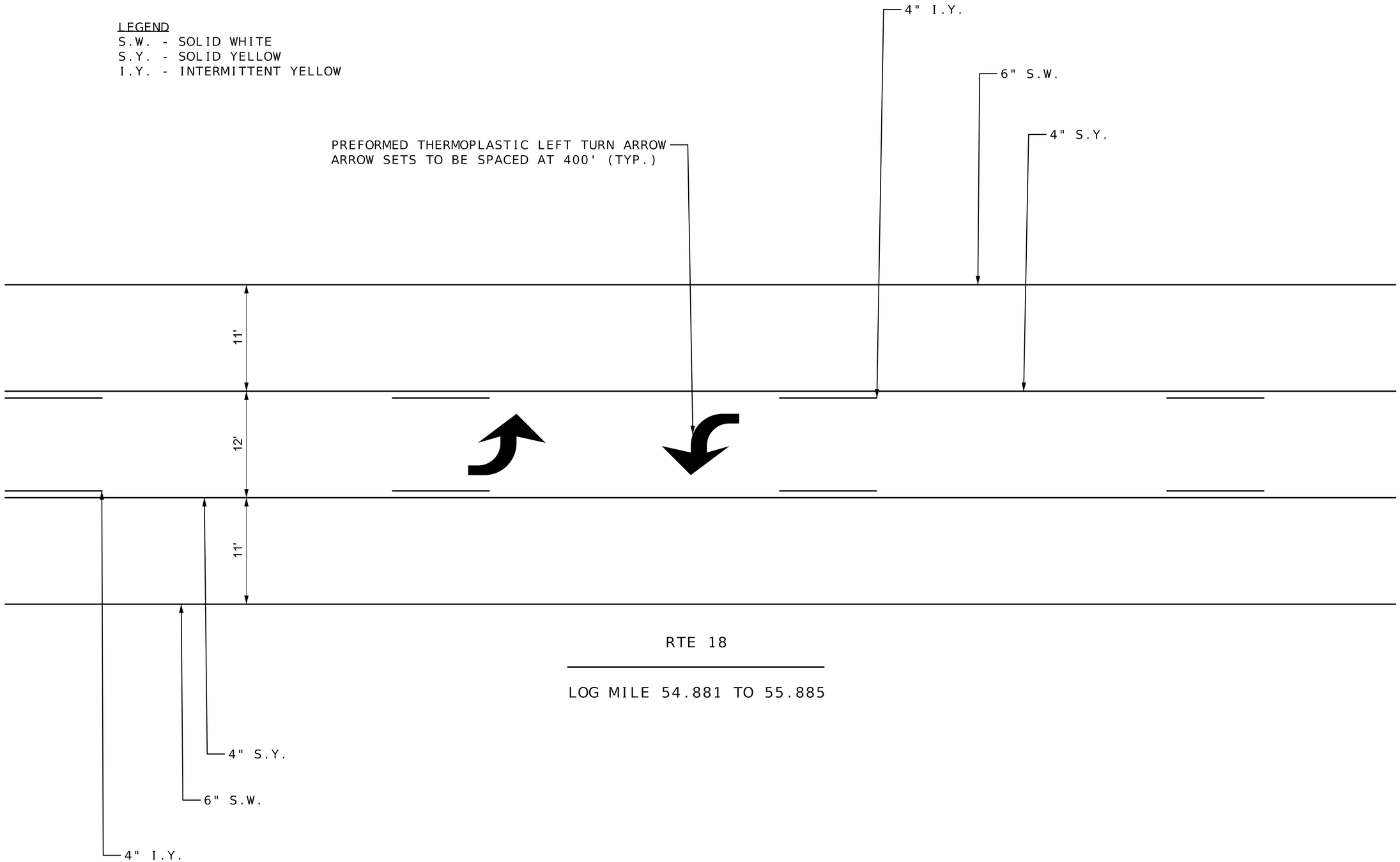
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TYPICAL PAVEMENT MARKING

LEGEND
S.W. - SOLID WHITE
S.Y. - SOLID YELLOW
I.Y. - INTERMITTENT YELLOW



RTE 18

LOG MILE 54.881 TO 55.885

PAVEMENT MARKING
SHEET 2 OF 2

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:41
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

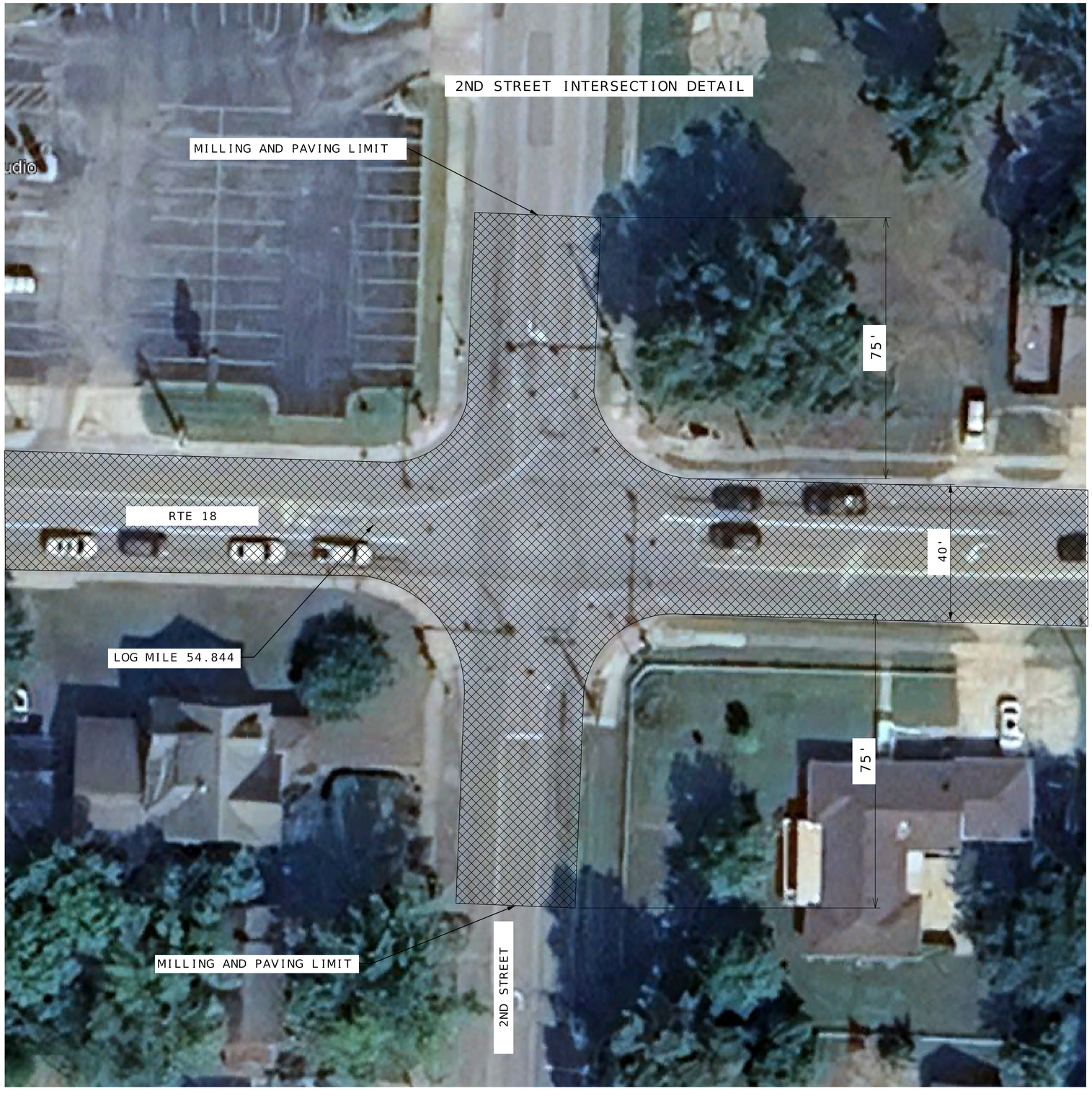
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



LEGEND

MILL/FILL

NOT TO SCALE

SPECIAL SHEET
SHEET 1 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER
06-30-2026 12:44:41
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
HENRY

JOB NO.
JSR0028

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)

RTE 13-7 DETAIL



LEGEND

MILL/FILL

NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 12:44:41
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO

DISTRICT	SHEET NO.
SW	20

COUNTY
HENRY

JOB NO.
JSR0028

CONTRACT ID.

PROJECT NO.

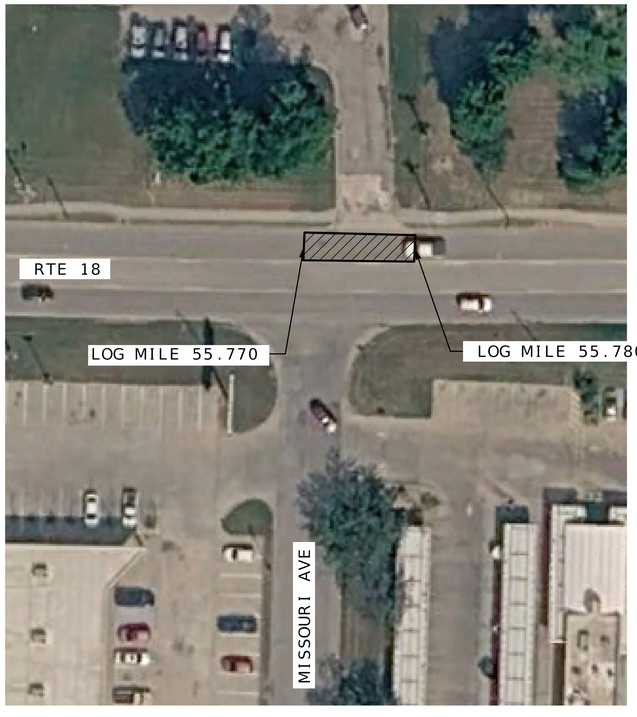
BRIDGE NO.

DESCRIPTION	DATE

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

FULL DEPTH PAVEMENT REPAIR DETAIL





LEGEND

FULL DEPTH REPLACEMENT

NOT TO SCALE

SPECIAL SHEET
SHEET 3 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 12:44:41
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/25/2026

ROUTE	STATE
18	MO
DISTRICT	SHEET NO.
SW	21

COUNTY
HENRY

JOB NO.
JSR0028

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)

DESIGN DESIGNATION

A.A.D.T. - 2028 = 3270
DESIGN YEAR A.A.D.T. - 2048 = 4822
T = 19.07%
V = 35, 45, 60 M.P.H.

FUNCTIONAL CLASSIFICATION-PRINCIPAL ARTERIAL

NO NEW R/W REQUIRED

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	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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

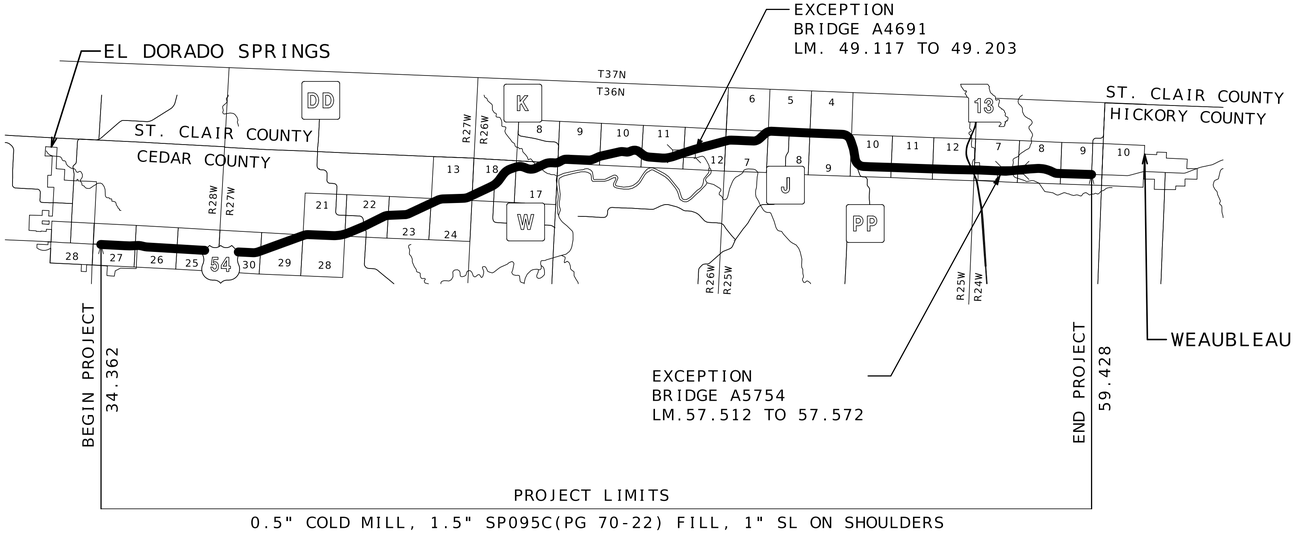
PLANS FOR PROPOSED

STATE HIGHWAY

CEDAR/SAINT CLAIR COUNTY



KEY MAP
LOCATION OF CEDAR/SAINT CLAIR 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) (6 SHEETS)	2
QUANTITIES (QU) (4 SHEETS)	3
SPECIAL SHEETS (SS)	4-12
TRAFFIC CONTROL SHEETS (TC)	13-19
SIGNING (SN)	20-21

LENGTH OF PROJECT

LOG MILES FROM 2015 ARAN

BEGINNING OF PROJECT	LM. 34.362	
END OF PROJECT	LM. 59.428	
APPARENT LENGTH	132348.48	FEET
EQUATIONS AND EXCEPTIONS:		
BRIDGE A4691		
BEGIN	LM. 49.117	
END	LM. 49.203	
BRIDGE A5754		
BEGIN	LM. 57.512	
END	LM. 57.572	
TOTAL CORRECTIONS	770.88	FEET
NET LENGTH OF PROJECT	131577.60	FEET
STATE LENGTH	24.92	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0	ACRES

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-26 10:01:25
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

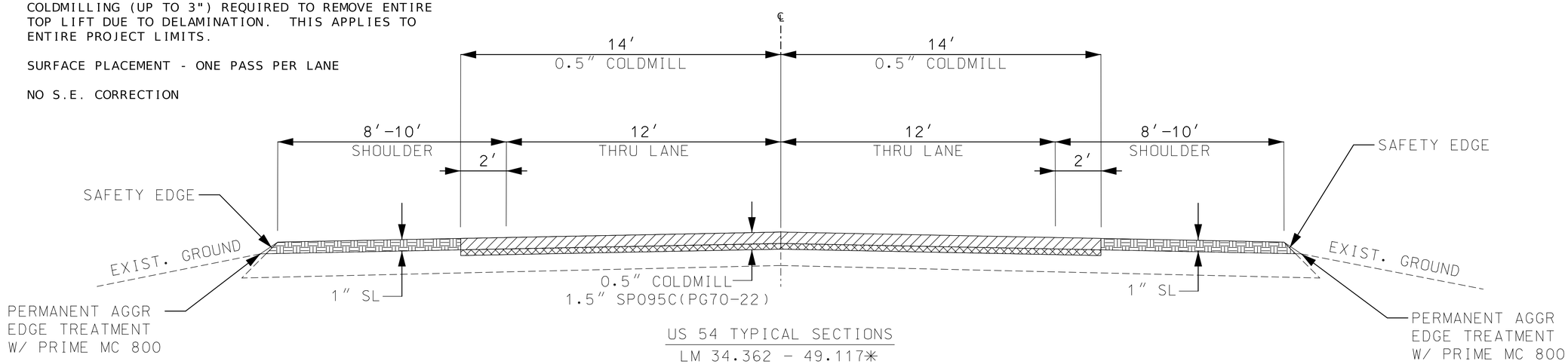
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

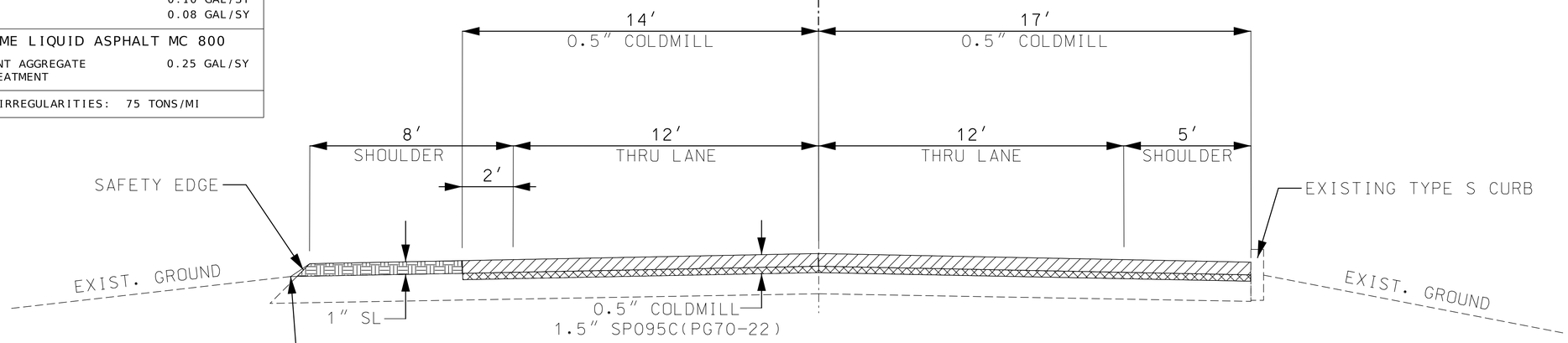
NO S.E. CORRECTION

NOT TO SCALE



US 54 TYPICAL SECTIONS
LM 34.362 - 49.117✳
LM 49.203 - 49.474
LM 49.713 - 56.456
LM 56.838 - 57.512✳
LM 57.572 - 59.428
✳EXCEPTIONS AT BRIDGE A4691 AND BRIDGE A5754

ASPHALT FACTORS	COMBINED FACTOR
BP-2	1.985 TONS/CY
SP095C (PG70-22)	1.980 TONS/CY
SL	1.975 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
OVERLAY	0.08 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE EDGE TREATMENT	0.25 GAL/SY
IRREGULARITIES: 75 TONS/MI	



US 54 TYPICAL SECTIONS
LM 49.474 - 49.713

0.5" COLDMILL

1.5" SP095C

SURFACE LEVEL

TYPICAL SECTIONS
SHEET 1 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:01:26
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

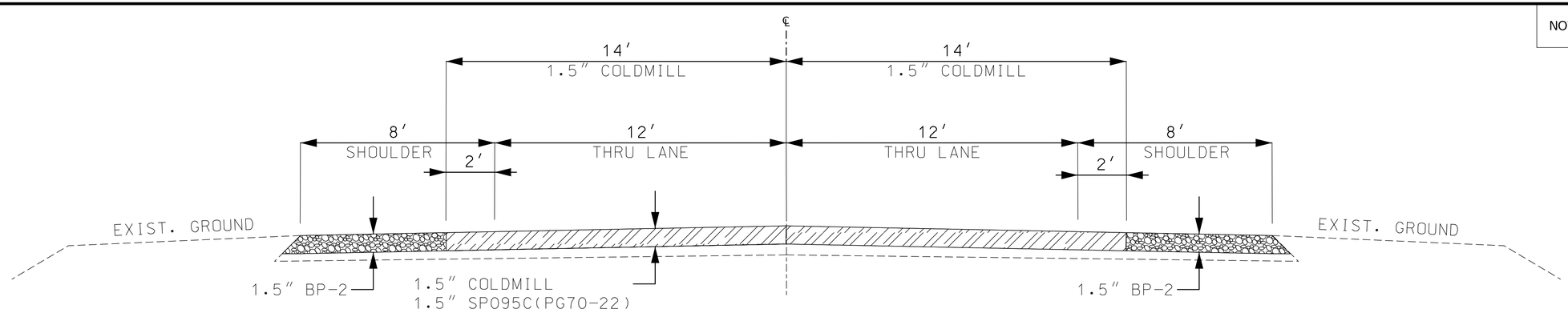
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

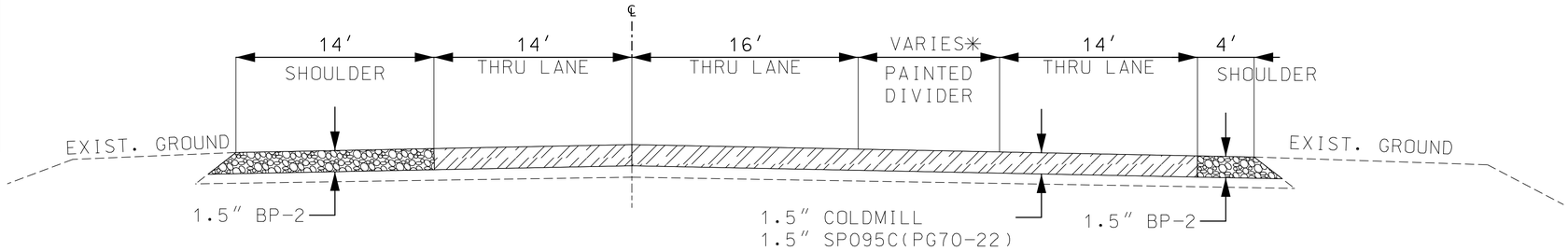
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOT TO SCALE

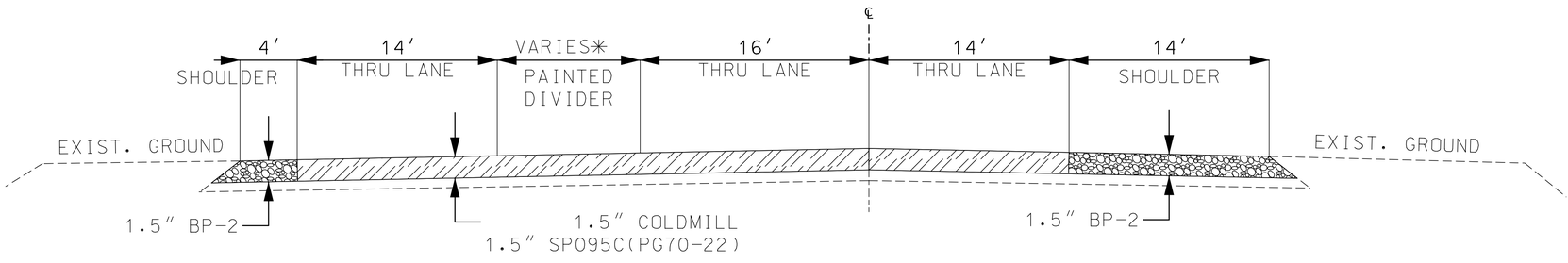


US 54 TYPICAL SECTIONS
LM 56.456 - 56.688

ASPHALT FACTORS	
	COMBINED FACTOR
BP-2	1.985 TONS/CY
SP095C (PG70-22)	1.980 TONS/CY
SL	1.975 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
OVERLAY	0.08 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE EDGE TREATMENT	0.25 GAL/SY
IRREGULARITIES: 75 TONS/MI	



US 54 TYPICAL SECTIONS
LM 56.688 - 56.756



US 54 TYPICAL SECTIONS
LM 56.756 - 56.838

BP-2

1.5" COLDMILL
1.5" SP095C (PG70-22)

✳PAINTED DIVIDERS VARY FROM 0′-10′ WIDE

TYPICAL SECTIONS
SHEET 2 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:01:26
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

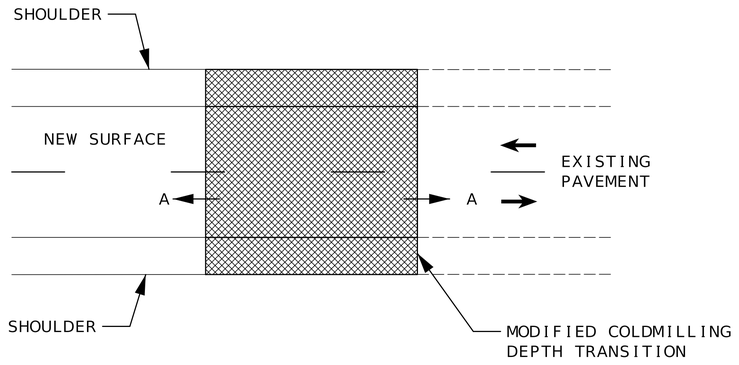
PROJECT NO.

BRIDGE NO.

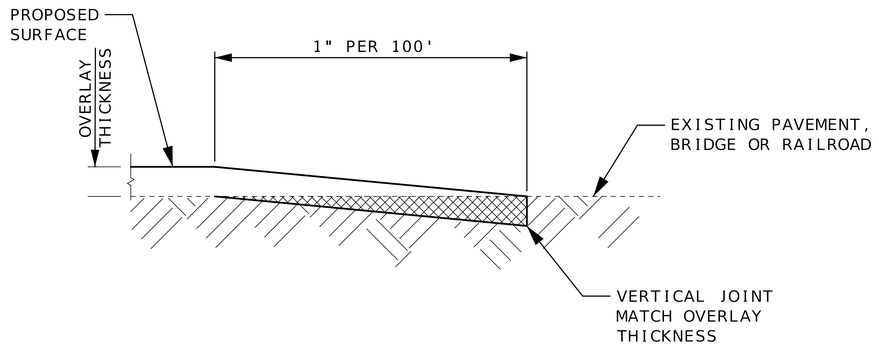
DESCRIPTION	DATE

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

REVISED: 3/7/2023



MAINLINE, BRIDGE, AND RAILROAD PLAN



SECTION A-A

TRANSVERSE JOINT TRANSITION FOR SINGLE LIFT
PROJECT BEGINNING, END, BRIDGE, OR RAILROAD

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.

TYPICAL SECTIONS
SHEET 3 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 10:01:26
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

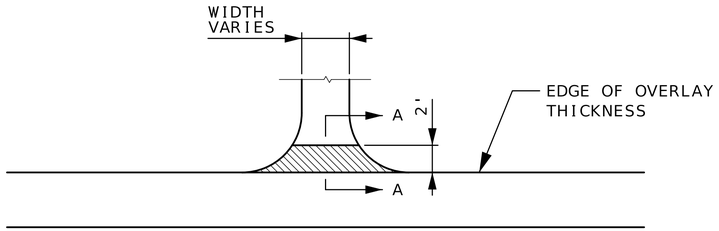
BRIDGE NO.

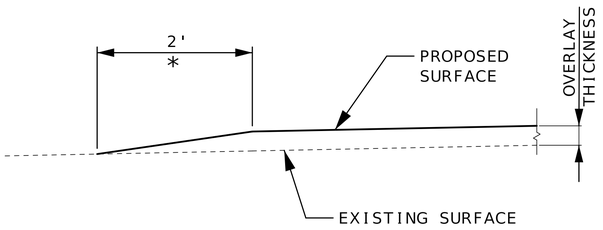
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 3/7/2023



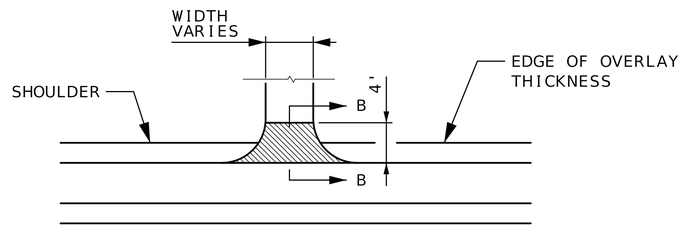


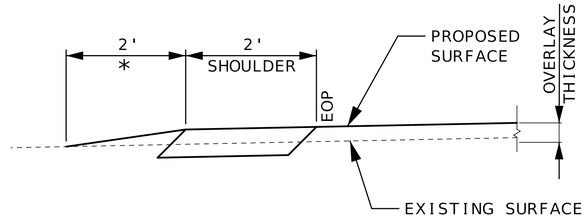
SECTION A-A

TYPICAL ENTRANCE - NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

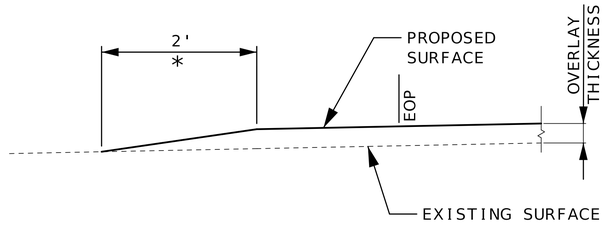
NOTE: 4 TONS GRAVEL A OR CRUSHED STONE
CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.





AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

SECTION B-B

TYPICAL ENTRANCE - EXIST/NEW SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

NOTES: DO NOT BUILD 2' MODIFIED A3 SHOULDERS
ACROSS CONCRETE OR ASPHALT ENTRANCES,
STREETS OR ROADS.

4 TONS GRAVEL A OR CRUSHED STONE B
CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 10:01:26
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

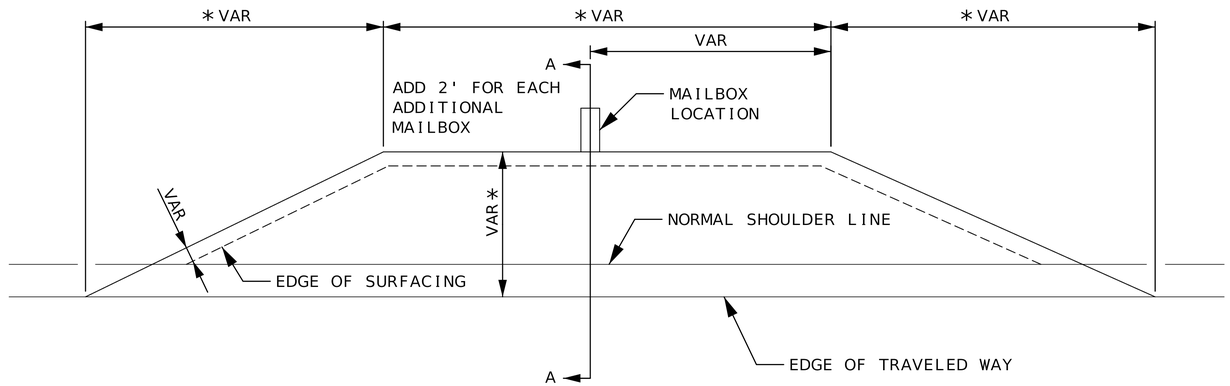
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

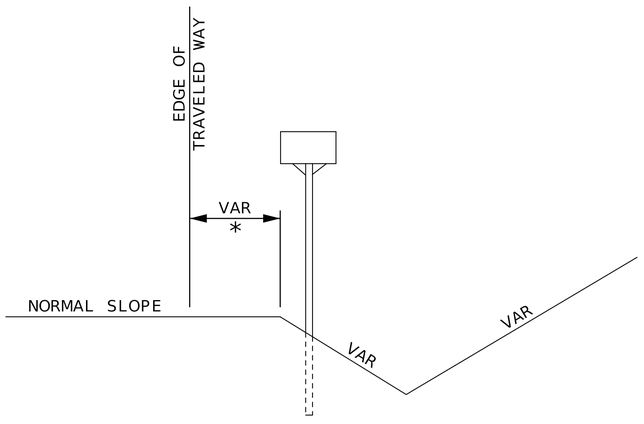
REVISED: 6/26/2025

NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND
15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL
MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

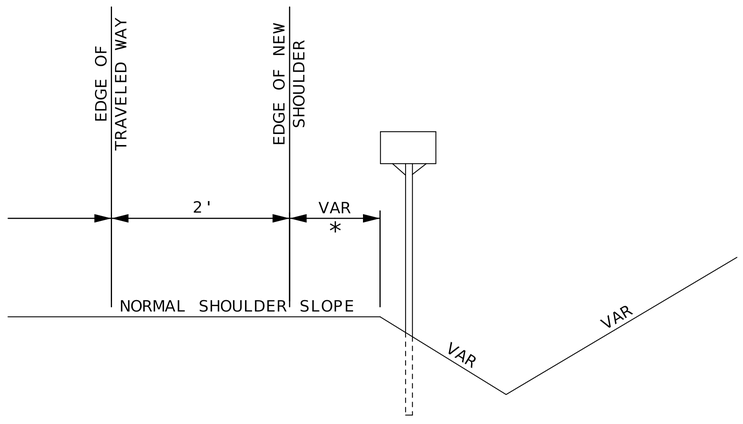
TYPICAL MAILBOX TURNOUT

*AS APPROVED BY THE ENGINEER





SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER

TYPICAL SECTIONS
SHEET 5 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07-22-2026 9:46:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/1/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

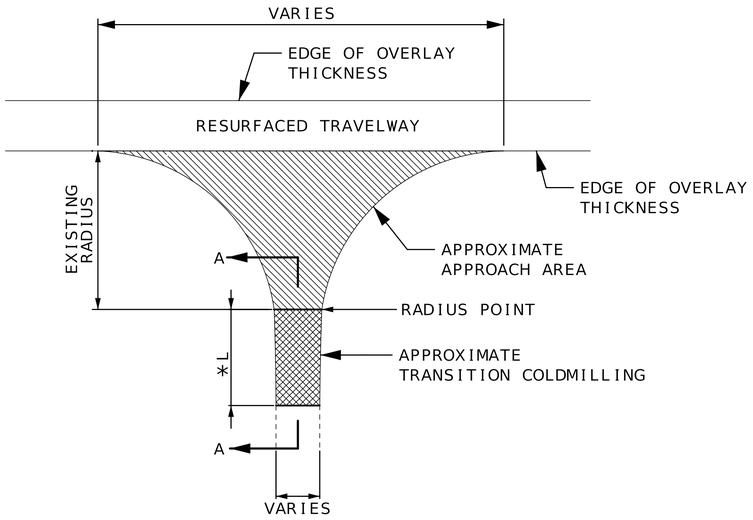
PROJECT NO.

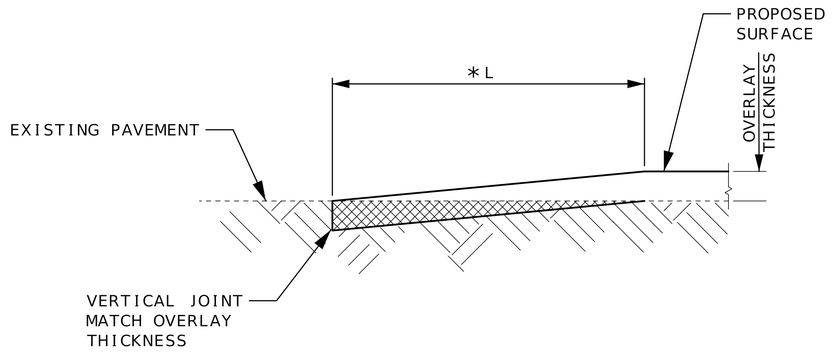
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



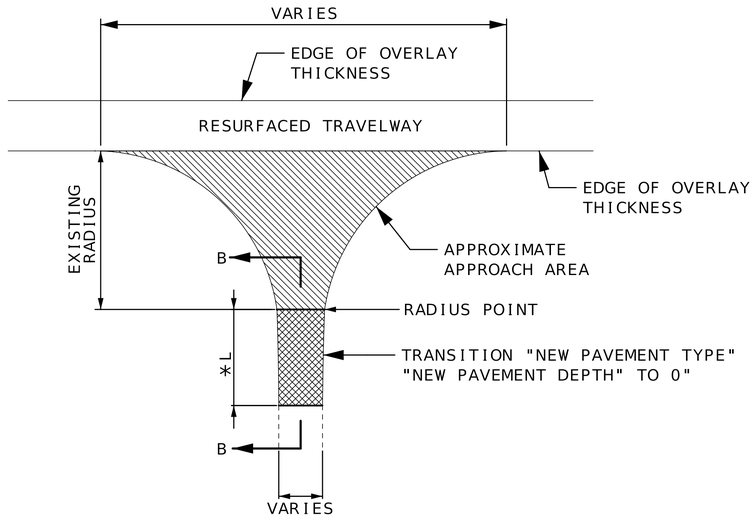


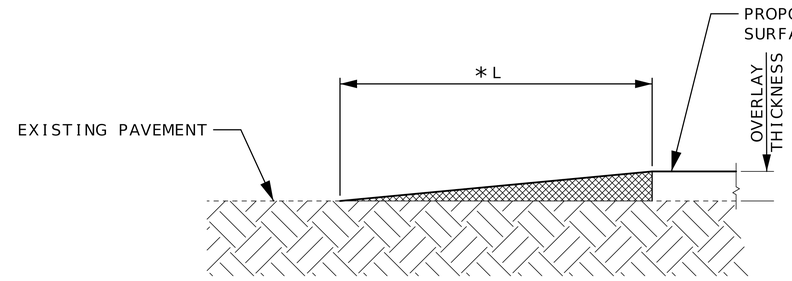
SECTION A-A

SURFACING REQUIREMENTS FOR
OVERLAYS AT STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LENGTHS

OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 ¾"	50.0'
2"	60.0'





SECTION B-B

SURFACING REQUIREMENTS FOR OVERLAYS
AT EXISTING COLD MIX STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LENGTHS

OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 ¾"	50.0'
2"	60.0'

TYPICAL SECTIONS
SHEET 6 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 12:01:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

REMOVAL OF IMPROVEMENTS

BEGIN LOG MILE	END LOG MILE	RT/LT OFFSET	UNIT	TOTAL	DESCRIPTION	REMARKS
49.080	49.117	RT	FT	200	GUARDRAIL	EB W GUARDRAIL FOR A4691
49.096	49.117	LT	FT	112.5	GUARDRAIL	WB W GUARDRAIL FOR A4691
49.203	49.264	RT	FT	325	GUARDRAIL	EB E GUARDRAIL FOR A4691
49.203	49.29	LT	FT	462.5	GUARDRAIL	WB E GUARDRAIL FOR A4691
57.457	57.512	RT	FT	287.5	GUARDRAIL	EB W GUARDRAIL FOR A5754
57.489	57.512	LT	FT	125	GUARDRAIL	WB W GUARDRAIL FOR A5754
57.572	57.598	RT	FT	137.5	GUARDRAIL	EB W GUARDRAIL FOR A5754
57.572	57.626	LT	FT	287.5	GUARDRAIL	WB E GUARDRAIL FOR A5754
49.113	49.117	RT/LT	SY	75	CONCRETE PAVEMENT	BRIDGE A4691 W APP PAVE
49.203	49.207	RT/LT	SY	75	CONCRETE PAVEMENT	BRIDGE A4691 E APP PAVE
49.117	49.121	RT/LT	SY	98	CONCRETE PAVEMENT	BRIDGE A4691 W APP SLAB
49.207	49.211	RT/LT	SY	98	CONCRETE PAVEMENT	BRIDGE A4691 E APP SLAB
TOTAL = 1 LUMP SUM						

CONTRACTOR FURNISHED SURVEYING & STAKING

1 LUMP SUM

MOBILIZATION

1 LUMP SUM

GRAVEL (A) OR CRUSHED STONE (B)

1658 TONS

EROSION CONTROL

LOG MILE	LENGTH FT	WIDTH FT	DEPTH FT	PERM. EROSION CONTROL GEOTEXTILE SY	FURNISHING ROCK BLANKET CY	PLACING ROCK BLANKET CY	REMARKS
43.345	8	8	2	7.1	4.7	4.7	J0965 EROSION CONTROL
45.403	30	8	2	26.7	17.8	17.8	J0966 EROSION CONTROL
			TOTALS	33.8	22.5	22.5	-
			USE	34.0	23.0	23.0	

COLDMILLING

ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	MEASURED AREA SF	MODIFIED DEPTH TRANSITION SY	COLDMILLING 0.5" SY	COLDMILLING 1.5" SY	REMARKS
54	34.362	49.117	77906.4	28.0	5600.0	622.2	242375.5		BEGIN PROJ TO BRIDGE A4691 EXCEPT
54	49.203	49.474	1430.9	28.0	5600.0	622.2	4451.7		BRIDGE A4691 EXCEPT TO S CURB
54	49.474	49.713	1261.9	31.0			4346.5		S CURB SECTION
54	49.713	56.456	35603.0	28.0			110764.9		S CURB TO 1.5" COLDMILL SECTION
54	56.456	56.688	1225.0	28.0				3811.1	2 LANE 1.5" COLDMILL
54	56.688	56.744	295.7	46.0				1511.4	TRANSITION TO 3 LANE
54	56.744	56.763	100.3	64.0				713.2	3 LANE
54	56.763	56.838	396.0	46.0				2024.0	TRANSTION TO 2 LANE
54	56.838	57.512	3558.7	28.0	5600.0	622.2	11071.5		TYPICAL SECTION TO BRIDGE A5754 EXCEPT
54	57.572	59.428	9799.7	28.0	5600.0	622.2	30488.0		BRIDGE A5754 EXCEPT TO PROJ END
					TOTAL	2488.8	403498.1	8059.7	
					USE	2489	411558		

ASPHALT, TACK

LT/RT OFFSET	BEGIN LOG MILE	END LOG MILE	NET LENGTH LF	AVG. WIDTH LF	SHOULDER WIDTH LF	SP095C 1.50" 1.980 TONS/CY TONS	BP-2 1.50" 1.985 TONS/CY TONS	SL 1.00" 1.975 TONS/CY TONS	TACK 0.10 GAL	TACK 0.08 GAL	REMARKS
CL	34.362	49.117	77906.4	28.0	12.0	19996.0		5698.7	24237.5	8310.0	BEGINNING OF PROJECT
CL	49.117	49.203	454.1								BRIDGE A4691 EXCEPTION
CL	49.203	49.474	1430.9	28.0	16.0	367.3		139.6	445.2	203.5	TYPICAL SECTION
CL	49.474	49.713	1261.9	31.0	8.0	358.6		61.5	434.7	89.7	SECTION WITH TYPE S CURVE ON E BOUND SHOULDER
CL	49.713	56.456	35603.0	28.0	16.0	9138.1		3472.4	11076.5	5063.5	TYPICAL SECTION
CL	56.456	56.688	1225.0	28.0	16.0	314.4	180.1		381.1		SECTION UNDER MO-13 BRIDGE
CL	56.688	56.756	359.0	72.0	18.0	236.9	59.4		287.2		2 LANE INTERSECTION AT S 13TH ST
CL	56.756	57.512	3991.7	28.0	12.0	1024.5		292.0	1241.9	425.8	TYPICAL SECTION
CL	57.512	57.572	316.8								BRIDGE A5754 EXCEPTION
CL	57.572	59.428	9799.7	28.0	12.0	2515.3		716.8	3048.8	1045.3	BRIDGE A5754 EXCEPTION TO PROJ END
LT/RT	34.362	59.428	10035.0	2.0		184.0		122.3	-	-	ENTRANCES & SIDEROADS
LT/RT	34.362	59.428		-		1880.0		1707.3	-	-	IRREGULARITIES 75 TONS/MILE
LT/RT	34.362	59.428	132348.5	-				116.7	-	-	SAFETY EDGE
					TOTAL	36015.1	239.5	12327.3	56290.7		
					USE	36015.1	239.5	12327.3	56291		

ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE

SUMMARY OF QUANTITES
SHEET 1 OF 4

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 10:01:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

PERMANENT AGGREGATE EDGE TREATMENT

ROUTE	LOG MILE	TO	LOG MILE	LENGTH MILES	AGGREGATE 200 TON/MILE* TON	PRIME MC 800 590 GAL/MILE* GAL	REMARKS
54	34.362	-	49.117	14.755	2951.0	8705	PROJ START TO BRIDGE A4691 EXCEPT
54	49.203	-	49.474	0.271	54.2	160	BRIDGE A4691 EXCEPT TO S CURB
54	49.474	-	49.713	0.239	23.9	71	S CURB SECTION, 1 SIDE FO ROADWAY
54	49.713	-	56.456	6.743	1348.6	3978	S CURB SECTION TO FULL DEPTH COLDMILL SECTION
54	56.838	-	57.512	0.674	134.8	398	FULL DEPTH COLDMILL TO BRIDGE A5754 EXCEPT
54	57.572	-	59.428	1.856	371.2	1095	BRIDGE A5754 EXCEPT TO PROJ END
			TOTALS		2951.0	8705	*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY

SLAB JACKING MATERIAL HIGH DENSITY POLYURETHANE

LOG MILE	LOCATION BR #	SLAB JACKING (LB)	REMARKS
57.512	A5753	1200	EB APPROACH SLAB (1/2")
57.572	A5754	1200	WB APPROACH SLAB (1/2")
	TOTAL	2400.0	1200 LB PER LANE PER INCH PER APPROACH (1/4" SETTLEMENT)
	USE	2400	

GUARDRAIL

BEGIN LOG MILE	END LOG MILE	LOCATION	MGS GUARDRAIL FT	SHAPING SLOPES CLASS III 100 FT	MASH CRASHWORTHY END TERMINAL EA	MGS BRIDGE APPROACH TRANSITION "REGULAR/ NO CURB" EA	REMARKS
49.080	49.117	EB, A4691	187.5	2.8	1	1	EB W GUARDRAIL FOR A4691
49.096	49.117	WB, A4691	100.0	1.9	1	1	WB W GUARDRAIL FOR A4691
49.203	49.264	EB, A4691	312.5	4.0	1	1	EB E GUARDRAIL FOR A4691
49.203	49.29	WB, A4691	450.0	5.4	1	1	WB E GUARDRAIL FOR A4691
57.457	57.512	EB, A5754	287.5	3.8	1	1	EB W GUARDRAIL FOR A5754
57.489	57.512	WB, A5754	112.5	2.0	1	1	WB W GUARDRAIL FOR A5754
57.572	57.598	EB, A5754	125.0	2.1	1	1	EB W GUARDRAIL FOR A5754
57.572	57.626	WB, A5754	275.0	3.6	1	1	WB E GUARDRAIL FOR A5754
		TOTAL	1850.0	25.6	8	8	ALL GUARDRAIL LENGTH IS ROUNDED UP TO THE NEAREST 12.5'
		USE	1850	26	8	8	

CENTERLINE BITUMINOUS RUMBLE STRIP

LOG MILE	LOG MILE	CL LENGTH FT	REMARKS
35.005	49.117	74511.4	
49.117	49.203		BRIDGE A4691 EXCEPTION
49.203	56.456	38295.8	
56.456	57.205		45 MPH SPEED LIMIT, RUMBLE STRIPS NOT REQUIRED
57.205	57.512	1621.0	
57.512	57.572		BRIDGE A5754 EXCEPTION
57.572	59.428	9799.7	
	FT	124227.9	
	STA	1242.3	

BRIDGE

LOG MILE	TO	LOG MILE	LENGTH FT	WIDTH FT	BRIDGE APPROACH SLAB (MAJOR) SY	CONCRETE APPROACH PAVEMENT SY	REMARKS
49.113	-	49.117	15	44		75.0	BRIDGE A4691 W APP PAVE
49.203	-	49.207	15	44		75.0	BRIDGE A4691 E APP PAVE
49.117	-	49.121	20	44	100.0		BRIDGE A4691 W APP SLAB
49.207	-	49.211	20	44	100.0		BRIDGE A4691 E APP SLAB
			TOTALS		200.0	150.0	-

EDGELINE BITUMINOUS RUMBLE STRIP

LOG MILE	LOG MILE	RT LENGTH FT	LT LENGTH FT	REMARKS
35.005	40.790	30544.8	30544.8	
40.790	40.861			HW DD/39 INTERSECTION
40.861	44.130	17260.3	17260.3	
44.130	44.187		301.0	HW W INTERSECTION
44.187	45.885	8965.4	8965.4	
45.885	45.929	232.3		HW K INTERSECTION
45.929	49.117	16832.6	16832.6	
49.117	49.203			BRIDGE A4691 EXCEPTION
49.203	50.070	4577.8	4577.8	
50.070	50.111	216.5		HW V INTERSECTION
50.111	51.663	8194.6	8194.6	
51.663	51.708		237.6	HW J INTERSECTION
51.708	53.810	11098.6	11098.6	
53.810	53.860		264.0	HW PP INTERSECTION
53.860	56.456	13706.9	13706.9	
56.456	57.205			HW 13 INTERSECTION, 45 MPH ZONE
57.205	57.512	1621.0	1621.0	
57.512	57.572			BRIDGE A5754 EXCEPTION
57.572	59.428	9799.7	9799.7	
-	-	-70380.0	-	SUBTRACT ENT'S/SIDEROADS & BEFORE/AFTER THEM
		176074.8		FT
		1760.70		STA

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-Oct-2026 12:11:14
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DATE PREPARED
7/9/2026

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
SW	3

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CEDAR/ST CLAIR

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

PAVEMENT MARKING

BEGIN LOG	END LOG	LT/RT LOCATION	WATERBORNE PAINT, CLASS 2 BEADS					REMARKS
			6" SOLID WHITE	4" INT YELLOW	4" SOLID YELLOW	LEFT/RIGHT ARROW	ST/LF/RT ARROW	
			LF	LF	LF	EACH	EACH	
34.362	35.511	LT/RT	12140.0		12140.0			2 SOLID WHITE, 2 SOLID YELLOW
35.511	35.946	LT/RT	4600.0		4600.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
35.946	35.986	LT/RT	420.0	50.0				2 SOLID WHITE, 1 DASHED YELLOW
35.986	36.366	LT/RT	4020.0		4020.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
36.366	37.410	LT/RT	11020.0		11020.0			2 SOLID WHITE, 2 SOLID YELLOW
37.410	37.665	LT/RT	2700.0		2700.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
37.665	37.880	LT/RT	2280.0	280.0				2 SOLID WHITE, 1 DASHED YELLOW
37.880	38.125	LT/RT	1290.0		2580.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
38.125	38.191	LT/RT	700.0		700.0			2 SOLID WHITE, 2 SOLID YELLOW
38.191	38.533	LT/RT	3620.0		3620.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
38.533	38.678	LT/RT	1540.0	190.0				2 SOLID WHITE, 1 DASHED YELLOW
38.678	38.890	LT/RT	2240.0		2240.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
38.890	39.501	LT/RT	6460.0		6460.0			2 SOLID WHITE, 2 SOLID YELLOW
39.501	39.936	LT/RT	4600.0		4600.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
39.936	40.447	LT/RT	5400.0		5400.0			2 SOLID WHITE, 2 SOLID YELLOW
40.447	40.660	LT/RT	2240.0		2240.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
40.660	40.803	LT/RT	1520.0	190.0				2 SOLID WHITE, 1 DASHED YELLOW
40.803	41.040	LT/RT	2500.0		2500.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
41.040	41.430	LT/RT	4120.0		4120.0			2 SOLID WHITE, 2 SOLID YELLOW
41.430	41.589	LT/RT	1680.0		1680.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
41.589	41.712	LT/RT	1300.0	160.0				2 SOLID WHITE, 1 DASHED YELLOW
41.712	41.919	LT/RT	2180.0		2180.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
41.919	42.217	LT/RT	3140.0		3140.0			2 SOLID WHITE, 2 SOLID YELLOW
42.217	42.433	LT/RT	2280.0		2280.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
42.433	42.569	LT/RT	1440.0	180.0				2 SOLID WHITE, 1 DASHED YELLOW
42.569	42.777	LT/RT	2200.0		2200.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
42.777	43.051	LT/RT	2900.0		2900.0			2 SOLID WHITE, 2 SOLID YELLOW
43.051	43.423	LT/RT	3920.0		3920.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
43.423	43.664	LT/RT	2540.0		2540.0			2 SOLID WHITE, 2 SOLID YELLOW
43.664	44.087	LT/RT	4460.0		4460.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
44.087	48.879	LT/RT	50600.0		50600.0			2 SOLID WHITE, 2 SOLID YELLOW
48.879	49.117	LT/RT	2520.0		2520.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
49.117	49.203	LT/RT						BRIDGE A4691 EXCEPTION
49.203	49.511	LT/RT	3260.0	410.0				2 SOLID WHITE, 1 DASHED YELLOW
49.511	49.757	LT/RT	2600.0		2600.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
49.757	50.072	LT/RT	3320.0		3320.0			2 SOLID WHITE, 2 SOLID YELLOW
50.072	50.090	LT/RT	100.0		200.0			HW V INTERSECTION, 1 SOLID WHITE, 2 SOLID YELLOW
50.090	50.329	LT/RT	2520.0		2520.0			2 SOLID WHITE, 2 SOLID YELLOW
50.329	50.781	LT/RT	4780.0		4780.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
50.781	51.324	LT/RT	5740.0		2870.0			2 SOLID WHITE, 2 SOLID YELLOW
51.324	51.455	LT/RT	1380.0		1380.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
51.455	51.500	LT/RT	480.0		480.0			2 SOLID WHITE, 2 SOLID YELLOW
51.500	51.624	LT/RT	1300.0		1300.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
51.624	51.678	LT/RT	580.0		580.0			2 SOLID WHITE, 2 SOLID YELLOW
51.678	51.692	LT/RT	70.0		140.0			HW J INTERSECTION, 1 SOLID WHITE, 2 SOLID YELLOW
51.692	53.825	LT/RT	22520.0		22520.0			2 SOLID WHITE, 2 SOLID YELLOW
53.825	53.842	LT/RT	90.0		180.0			HW PP INTERSECTION, 1 SOLID WHITE, 2 SOLID YELLOW
53.842	54.757	LT/RT	9660.0		9660.0			2 SOLID WHITE, 2 SOLID YELLOW
54.757	54.986	LT/RT	2420.0		2420.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
54.986	55.056	LT/RT	740.0	90.0				2 SOLID WHITE, 1 DASHED YELLOW
55.056	55.443	LT/RT	4080.0		4080.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
55.443	55.630	LT/RT	1980.0	250.0				2 SOLID WHITE, 1 DASHED YELLOW
55.630	55.798	LT/RT	1780.0		1780.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
55.798	56.468	LT/RT	7080.0		7080.0			2 SOLID WHITE, 2 SOLID YELLOW
56.468	56.505	LT/RT	200.0		400.0			HW 13 ENTER/EXIT RAMP, 2 SOLID YELLOW, 1 WHITE
56.505	56.658	LT/RT	1620.0		1620.0			2 SOLID WHITE, 2 SOLID YELLOW
56.658	56.687	LT/RT	150.0		300.0			HW 13 ENTER/EXIT RAMP, 2 SOLID YELLOW, 1 WHITE
56.687	56.718	LT/RT	320.0		640.0			2 SOLID WHITE, 2 DOUBLE YELLOW LINES FOR 3 LANE TRANSITION
56.718	56.744	LT/RT	560.0		280.0	2.0	2.0	2 SOLID WHITE, 2 SOLID YELLOW, WHITE LANE DIVIDER
56.744	56.763	LT/RT						BUSINESS 13 INTERSECTION
56.763	56.793	LT/RT	640.0		320.0	2.0	2.0	2 SOLID WHITE, 2 SOLID YELLOW, WHITE LANE DIVIDER
56.793	56.838	LT/RT	480.0		960.0			2 SOLID WHITE, 2 DOUBLE YELLOW LINES FOR 3 LANE TRANSITION
56.838	57.200	LT/RT	3820.0		3820.0			2 SOLID WHITE, 2 SOLID YELLOW
57.200	57.413	LT/RT	2240.0		2240.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
57.413	57.512	LT/RT	520.0	130.0				2 SOLID WHITE, 1 DASHED YELLOW
57.512	57.572	LT/RT						BRIDGE A5754 EXCEPTION
57.572	57.718	LT/RT	1540.0	190.0				2 SOLID WHITE, 1 DASHED YELLOW
57.718	58.004	LT/RT	3020.0		3020.0			2 SOLID WHITE, 1 DASHED YELLOW, 1 SOLID YELLOW
58.004	59.428	LT/RT	15040.0		15040.0			2 SOLID WHITE, 2 SOLID YELLOW, END OF PROJECT
		TOTAL	261200	2120	243890	4	4	
		USE	261200	246010		4	4	

TEMPORARY PAVEMENT MARKING PAINT
1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 3 OF 4

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 12:01:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						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						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00	2	32.00				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						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	12	192.00				UNEVEN LANES
WO8-12	48X48	16.00	10	160.00				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	12	192.00				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	35	560.00				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	18	288.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	18	288.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00	1	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	2	4.38				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						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT 25 MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	7	61.25				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	22	33.00				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	2	12.00				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						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	4	48.00				SPEED LIMIT 25, 35, 45, 60
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						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	2	64.00				POINT OF PRESENCE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE
CONST-5P	60X8	3.33	1	3.33				COMPLETED AS PROMISED

616-10.05 CONSTRUCTION SIGNS	TOTAL 2023	
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	100	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	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

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 10:01:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

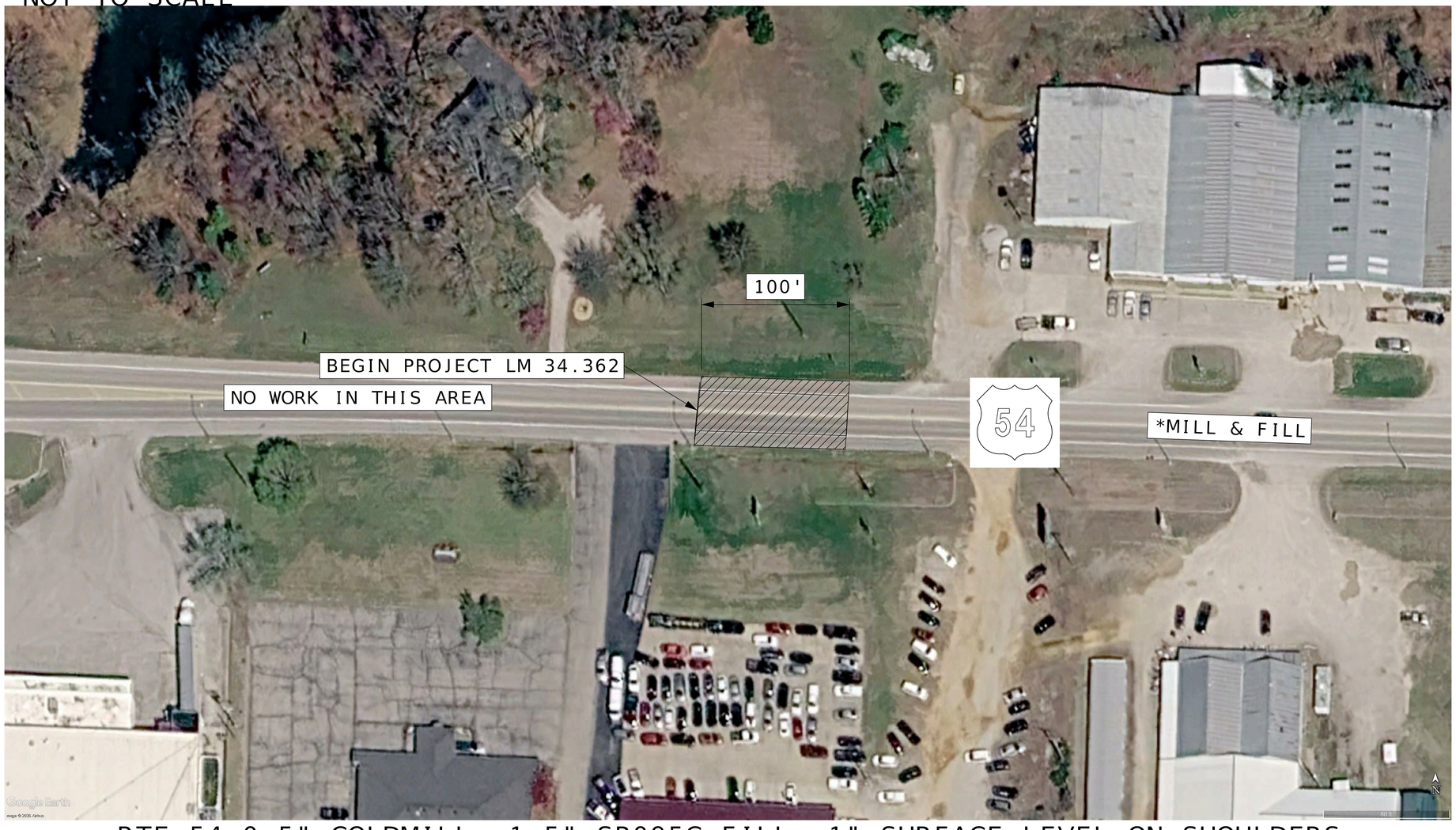
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES
SHEET 4 OF 4

NOTE: ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECTS LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF CONSTRUCTION OF THIS PROJECT
ALL STATIONS AND/OR LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY ENGINEER

*NOT TO SCALE



RTE 54 0.5" COLDMILL, 1.5" SP095C FILL, 1" SURFACE LEVEL ON SHOULDERS

TRANSITION COLDMILLING

SPECIAL SHEETS
SHEET 1 OF 9

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 10:01:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

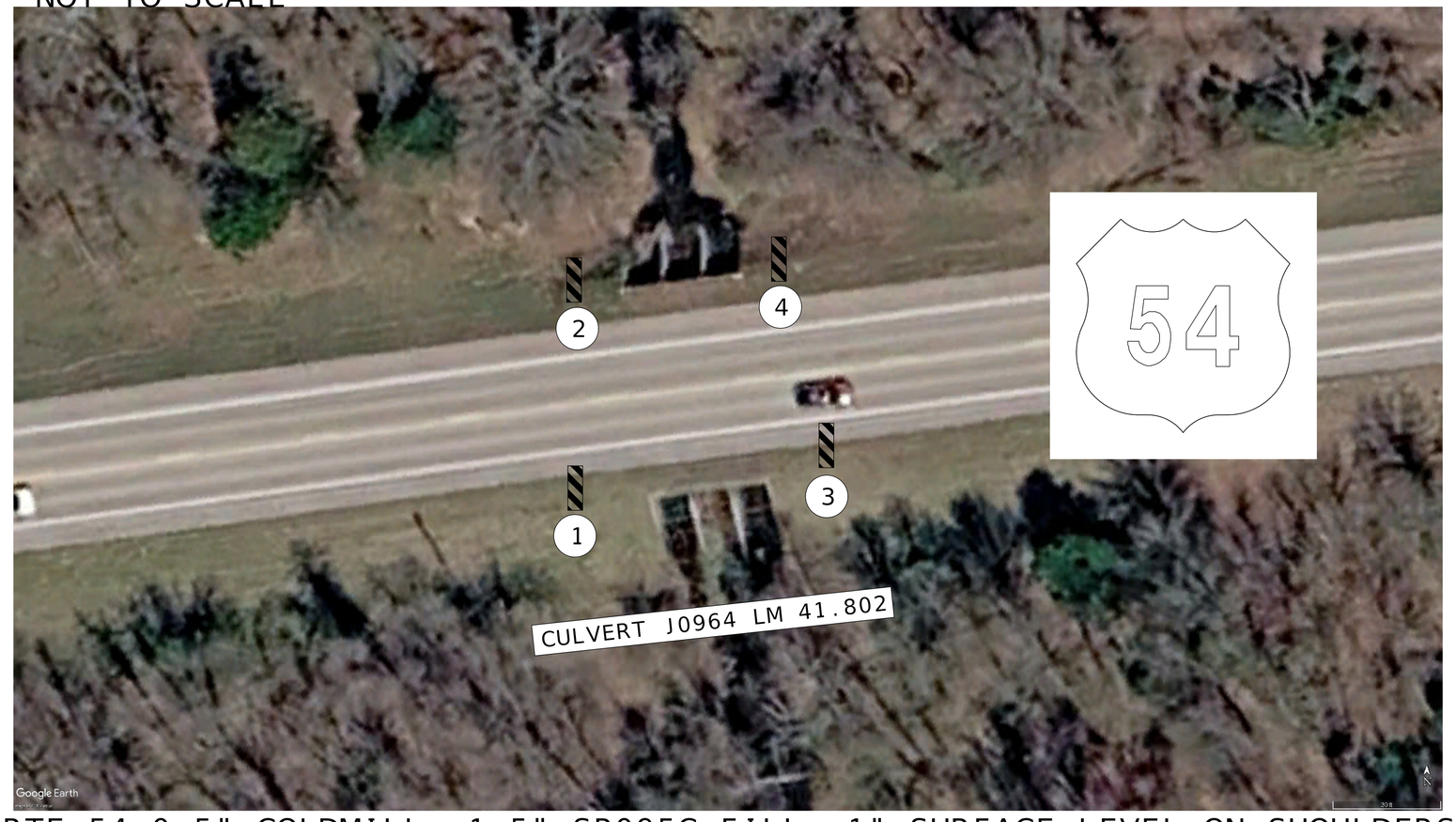
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

*NOT TO SCALE



RTE 54 0.5" COLDMILL, 1.5" SP095C FILL, 1" SURFACE LEVEL ON SHOULDERS

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 10:01:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

*NOT TO SCALE



RTE 54 0.5" COLDMILL, 1.5" SP095C FILL, 1" SURFACE LEVEL ON SHOULDERS

RIP RAP

SPECIAL SHEETS
SHEET 3 OF 9

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 10:01:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

*NOT TO SCALE



RTE 54 0.5" COLDMILL, 1.5" SP095C FILL, 1" SURFACE LEVEL ON SHOULDERS

RIP RAP

SPECIAL SHEETS
SHEET 4 OF 9

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 10:01:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

*NOT TO SCALE



RTE 54 0.5" COLDMILL, 1.5" SP095C FILL, 1" SURFACE LEVEL ON SHOULDERS

TRANSITION COLDMILLING

CONCRETE APPROACH PAVEMENT REPLACEMENT

CONCRETE APPROACH SLAB REPLACEMENT

SPECIAL SHEETS
SHEET 5 OF 9

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 12:01:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
SW	8

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

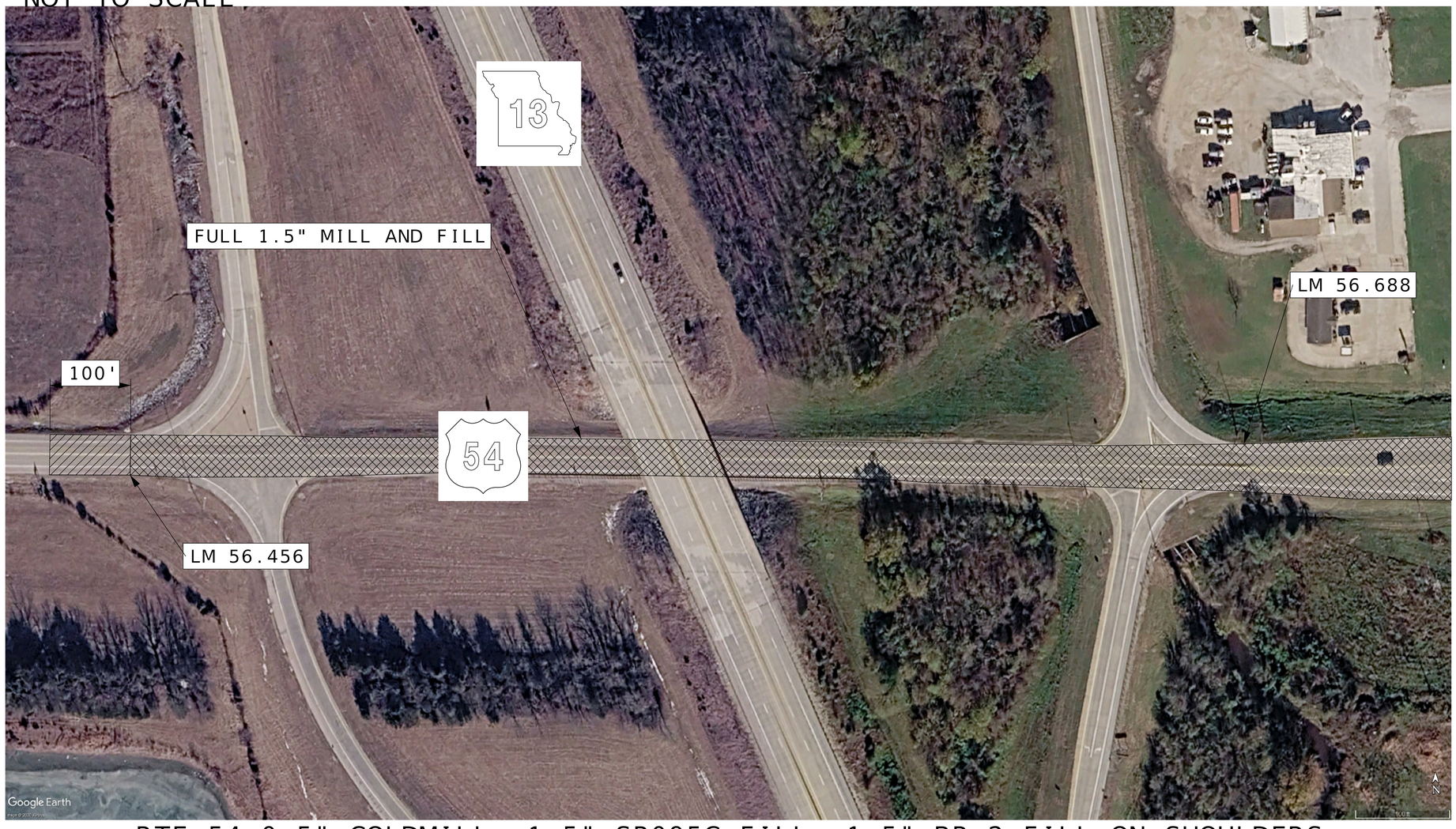
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

*NOT TO SCALE



RTE 54 0.5" COLDMILL, 1.5" SP095C FILL, 1.5" BP-2 FILL ON SHOULDERS

TRANSITION COLDMILLING

FULL 1.5" MILL AND FILL

SPECIAL SHEETS
SHEET 6 OF 9

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 10:01:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

*NOT TO SCALE



RTE 54 0.5" COLDMILL, 1.5" SP095C FILL, 1.5" BP-2 FILL ON SHOULDERS

TRANSITION COLDMILLING

FULL 1.5" MILL AND FILL

SPECIAL SHEETS
SHEET 7 OF 9

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 10:01:29
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

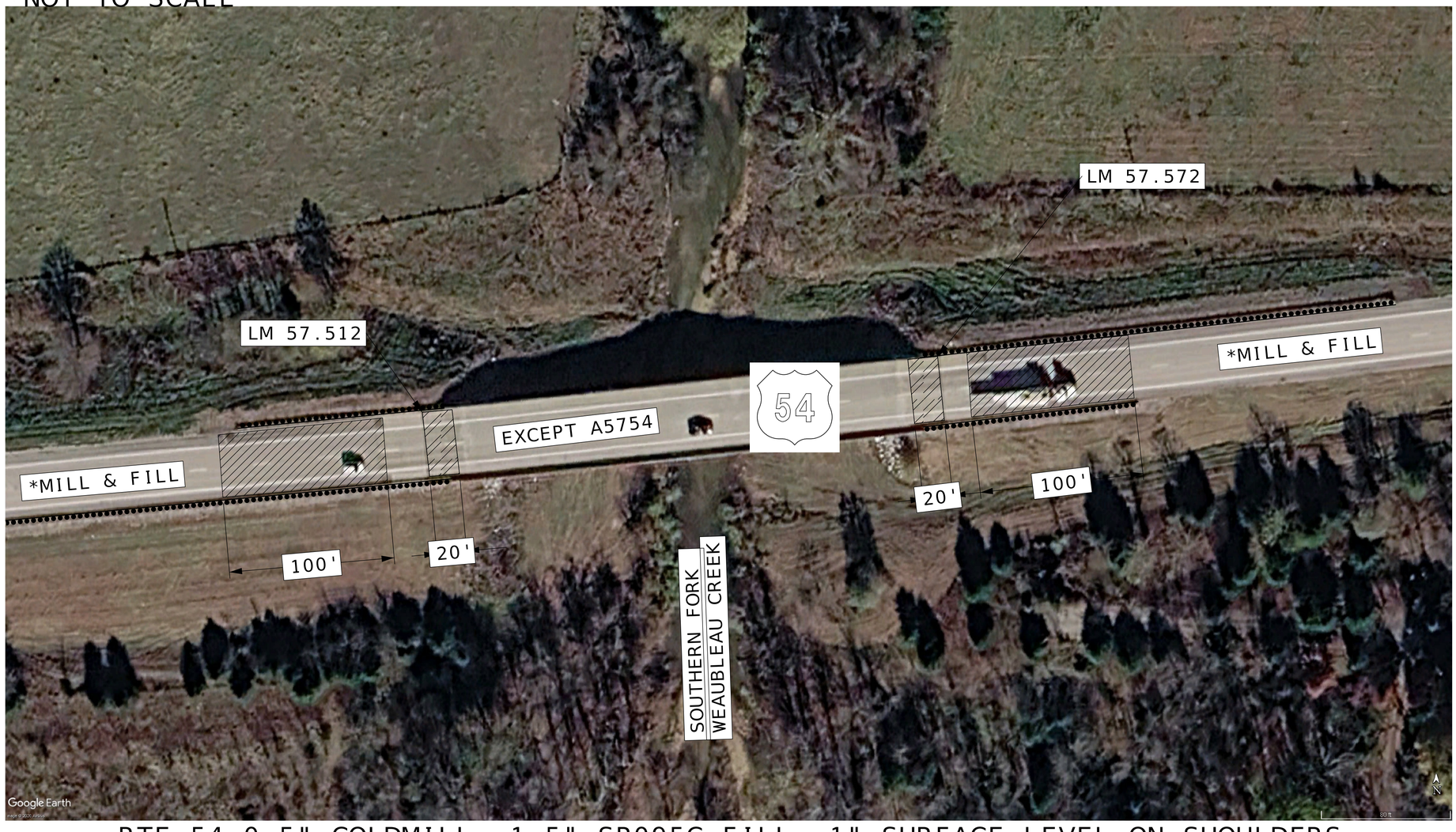
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

*NOT TO SCALE



RTE 54 0.5" COLDMILL, 1.5" SP095C FILL, 1" SURFACE LEVEL ON SHOULDERS

TRANSITION COLDMILLING

0.5" URETHANE LIFT ON APPROACH SLAB

SPECIAL SHEETS
SHEET 8 OF 9

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 12:01:29
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

*NOT TO SCALE



RTE 54 0.5" COLDMILL, 1.5" SP095C FILL, 1" SURFACE LEVEL ON SHOULDERS

TRANSITION COLDMILLING

SPECIAL SHEETS
SHEET 9 OF 9

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

06-30-2026 12:01:29
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

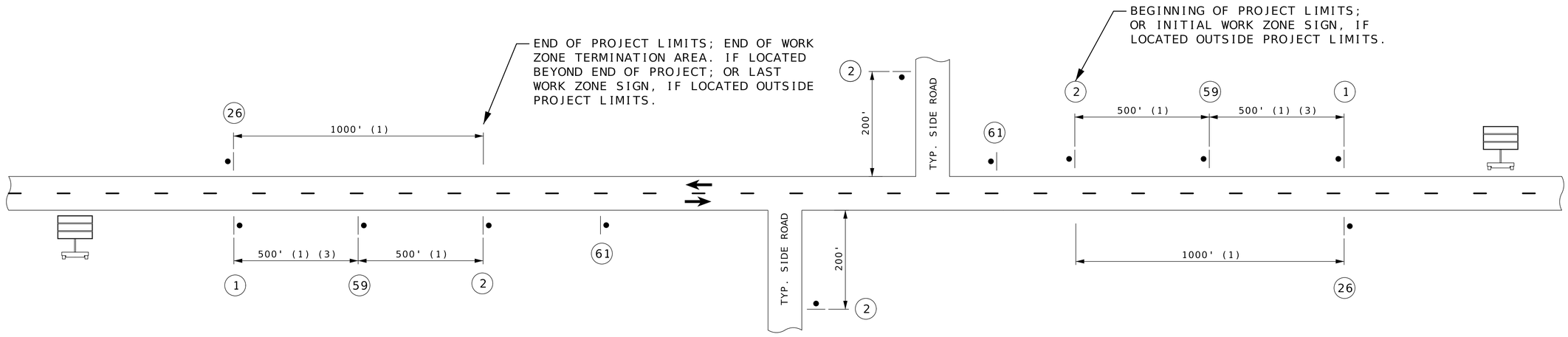
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 5/29/2025

GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



TYPICAL BEGINNING AND END OF PROJECT

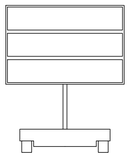
(UNDIVIDED HIGHWAY)

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

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

(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

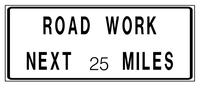


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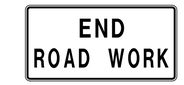
CONST-8

(59) (3)



GO20-1

(1)



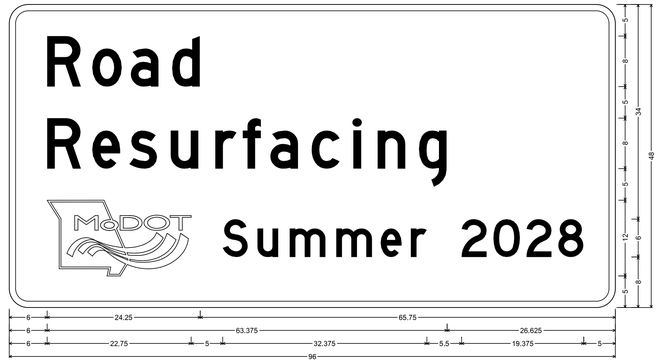
GO20-2

(26)



WO20-1

(2)

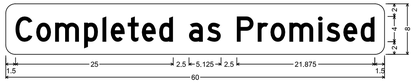


CONST-6 SH-FLAT SHEET;
3.000" Radius, 1.000" Border, White on, Green;
"Road", D; "Resurfacing", D; "Summer 2028", D 90% spacing;
Table of letter and object lefts

R 6.000	t 13.125	i 19.250	z 25.750	
R 6.000	e 13.125	s 19.000	u 25.625	r 32.625	f 37.000	a 41.375	c 47.875	l 54.500	n 58.375	g 64.875
5 6.000	5 33.750	u 39.250	m 44.375	m 51.750	e 58.875	r 63.625	2 71.625	0 76.750	2 81.875	6 87.000

CONST-5-96

(61) (2)



CONST-5P-60 SHF-FLAT SHEET FLUORESCENT;
1.500" Radius, No border, Yellow;
"Completed as Promised" Black, D 65% spacing;
Table of letter and object lefts

C 1.500	o 4.875	m 7.875	p 12.375	l 15.375	e 16.625	t 19.375	e 21.500	d 24.250	a 29.000	s 31.875
P 36.625	r 39.875	o 41.875	m 44.875	i 49.500	s 50.750	e 53.500	d 56.250			

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER
06-30-2026 12:01:29
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED 6/29/2026

ROUTE 54 | STATE MO
DISTRICT SW | SHEET NO. 13
COUNTY CEDAR/ST CLAIR
JOB NO. JSR0033
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)

REVISED: 8/26/2024



WO20-1

2



WO20-4

7



WO20-7a

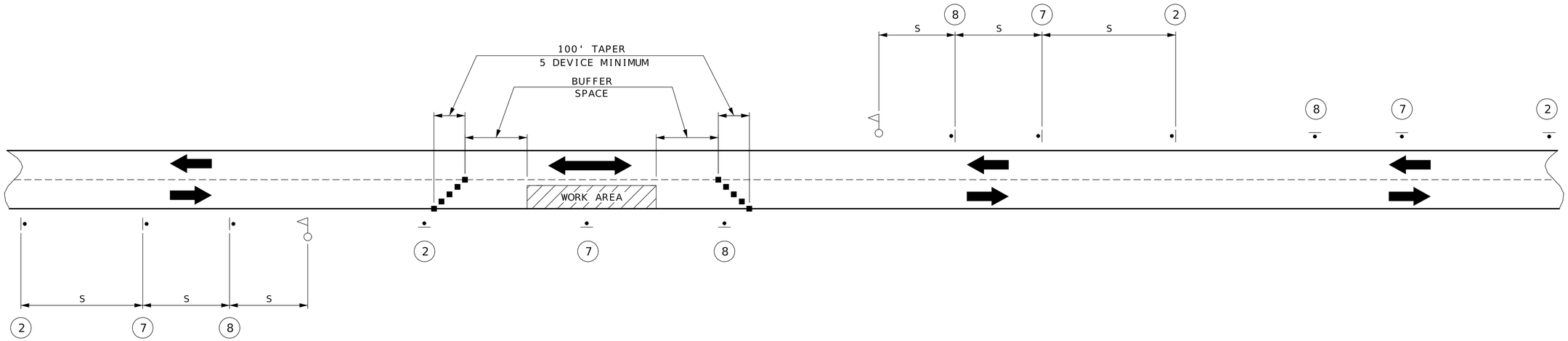
8



GO20-4

53

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

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

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

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

■ - CHANNELIZERS

- FLAGGER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

SPACING 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, AS APPROVED BY ENGINEER.

MOVING FLAGGER OPERATION
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER

06-30-2026 12:01:29
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

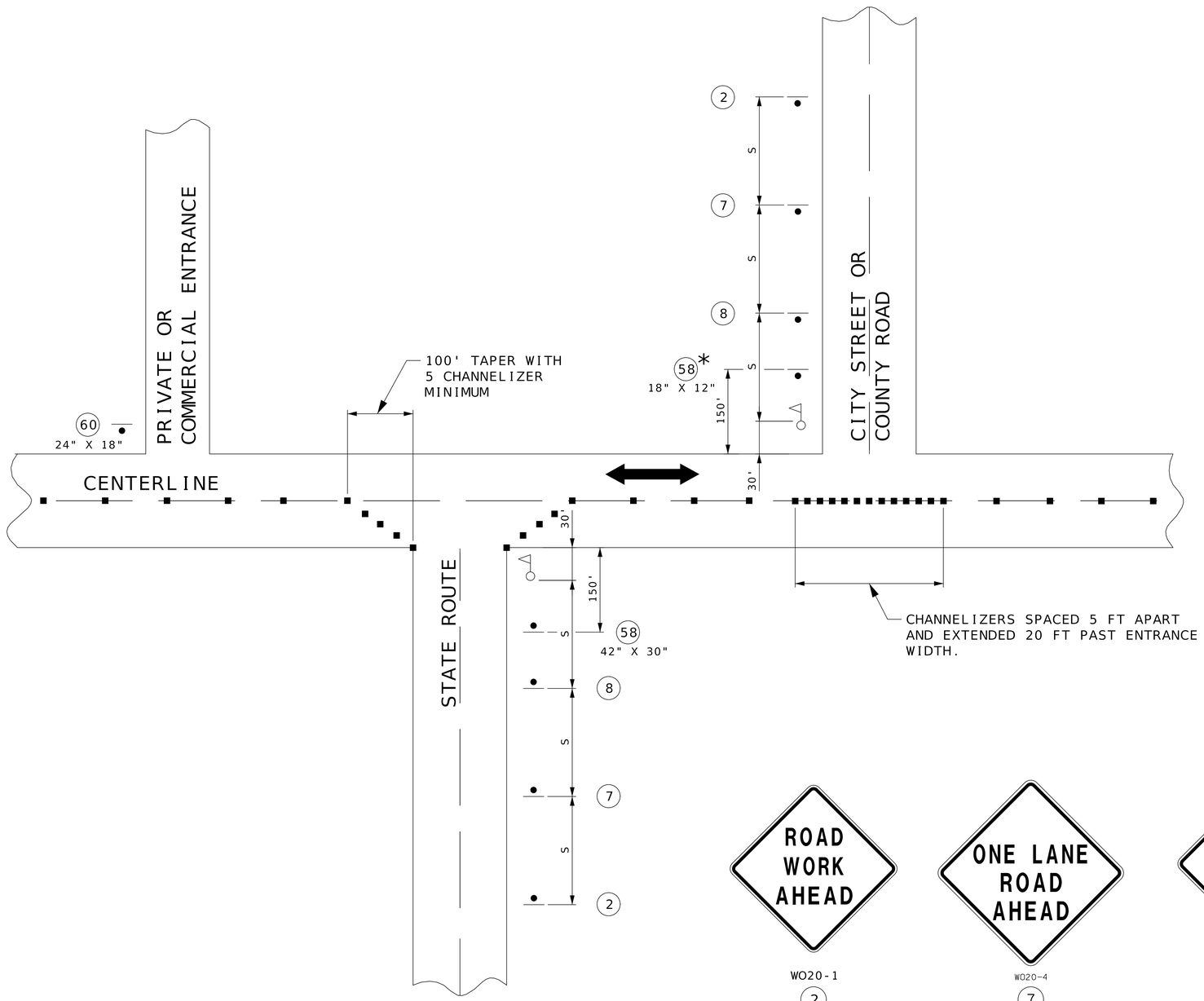
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 5/29/2025

SIDE ROADS ENTERING WORK ZONES



SPEED	SIGN SPACING (FT.)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER WORK AREA
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

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

- FLAGGER

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



GO20-4a

(58)

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).



24" X 18"

(60)

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

WO20-1

(2)

WO20-4

(7)



WO20-7a

(8)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:01:30
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
SW	15

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

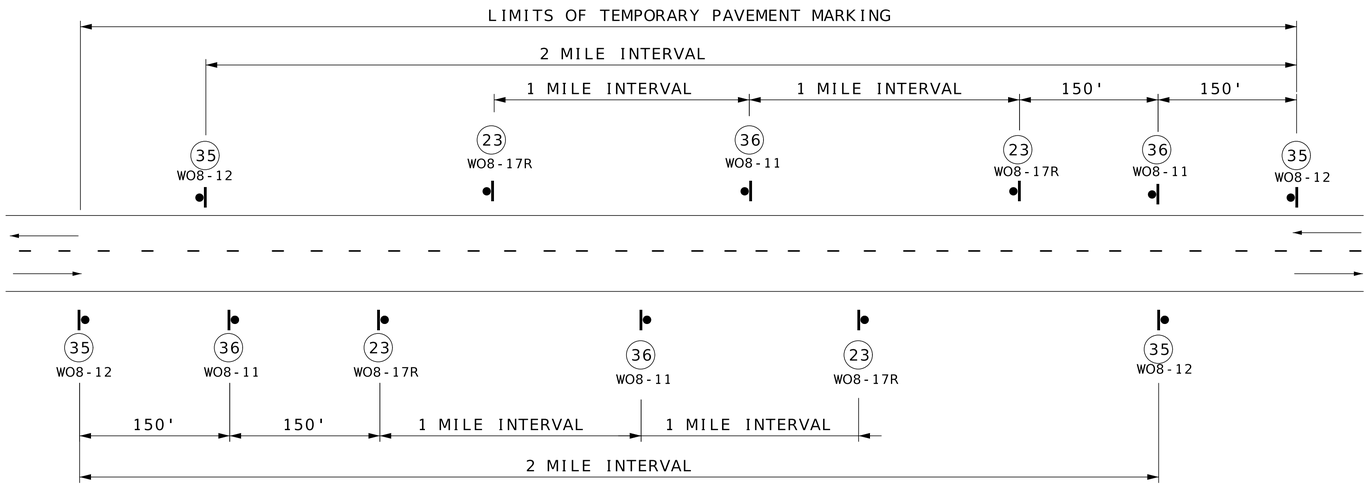
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

REVISED: 5/31/24



SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.



SHOULDER DROP-OFF

WO8-17R
WO8-17p
(23)



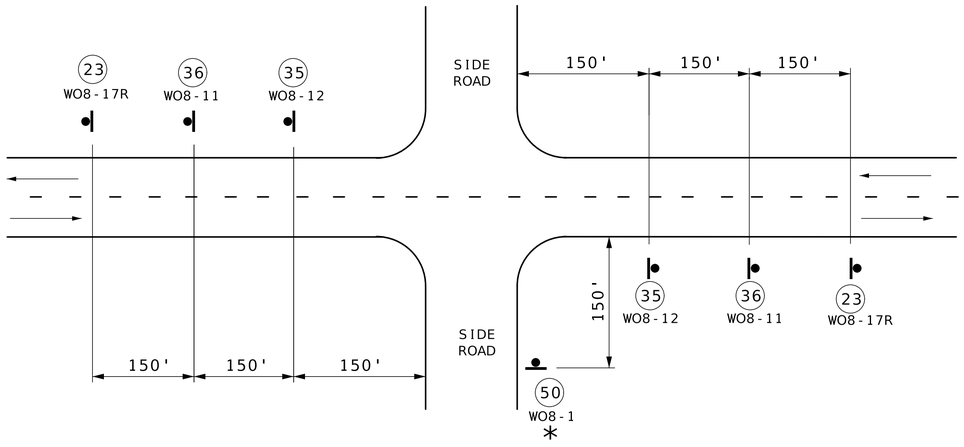
WO8-1
(50) *



WO8-11
(36)



WO8-12
(35)



SIGN SPACING AT STATE ROUTE INTERSECTIONS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING 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-EIGHTH 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.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:01:30
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

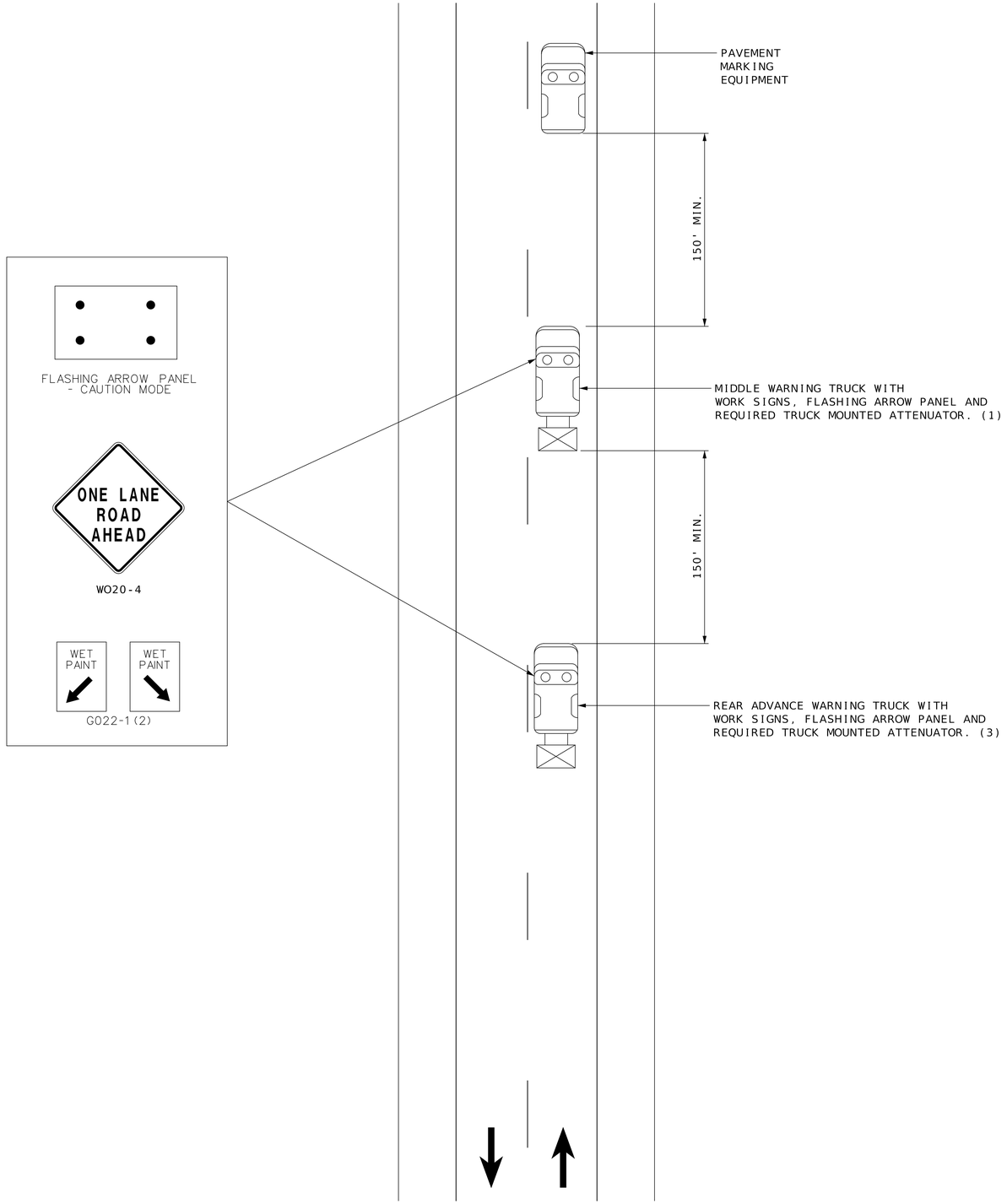
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

REVISED: 2/5/2024



STRIPING ON TWO-LANE HIGHWAY

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 AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

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

(3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER
06-30-2026 12:01:30
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT (UNDIVIDED HIGHWAY)

REVISED: 12/30/2024

SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL	CHANNELIZER SPACING (FT)	
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	250	35	40
40-45	350	150	540	360	40	80
50-55	500	185	660	495	50	80
60-70	1000	235	840	730	60	120

NOTES:

(1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.
(3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



WO20-1

2



WO21-5

21



WO5-1



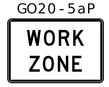
(3)

WO7-3a

43 *

BRIDGE
OR
RAMP

GO20-5aP
WORK ZONE



R2-1

54
4



R2-1

25

(NORMAL SPEED)

GO20-5aP
WORK ZONE



R2-1

54
4



R2-1

25

(NORMAL SPEED)

GO20-5aP
WORK ZONE



R2-1

54
4

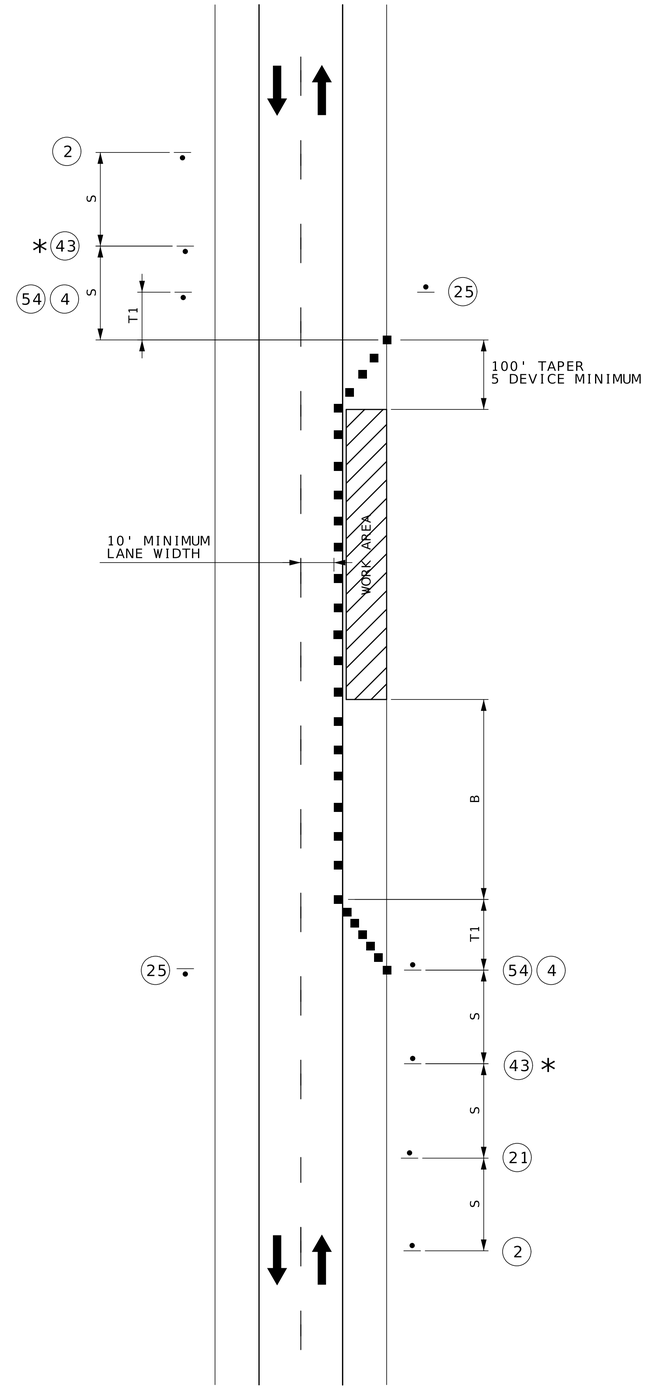


R2-1

25

(NORMAL SPEED)

* OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.



NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:01:30
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

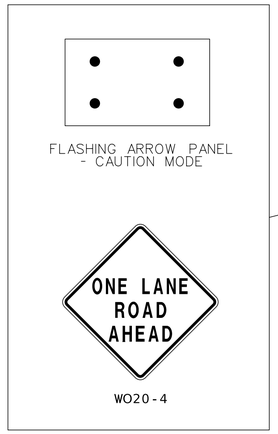
PROJECT NO.

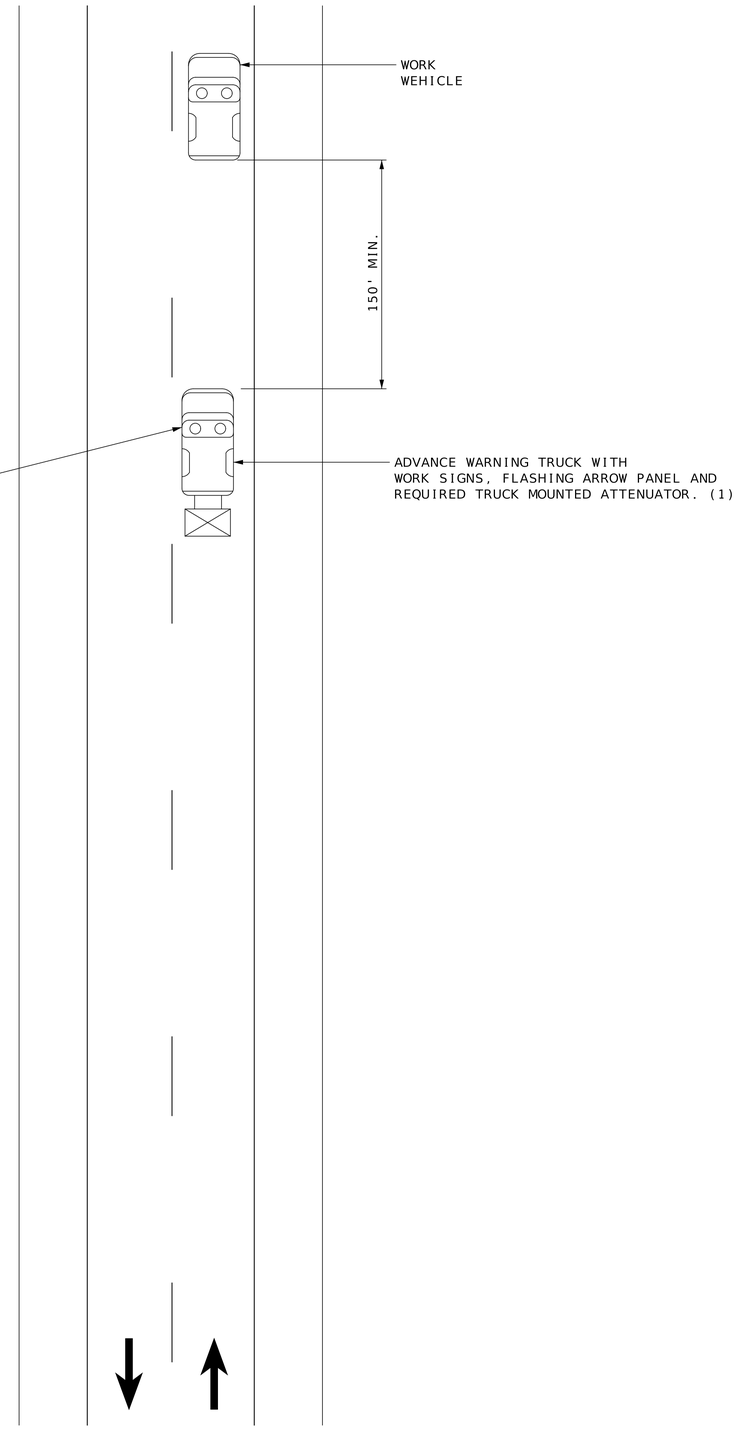
BRIDGE NO.

DESCRIPTION	DATE

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

REVISED: 2/5/2024





MOBILE ON TWO-LANE HIGHWAY

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 AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) ADVANCE WARNING TRUCK IS POSITIONED AT VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER

06-30-2026 10:01:30
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNS					CONCRETE FOOTINGS EMBEDDED	I-BEAM POSTS*						PIPE POSTS*						4"SQUARE STEEL POST*		PERFORATED SQUARE STEEL TUBE**										U-CHANNEL POST	ALUMINUM BACKING BARS			COLUMN MOUNTING C-CHANNEL	EFFECTIVE: 07-01-2026
902 SIGNAL SIGNS TABULATED ON D-37A																				2" POST				2.5" POST				BREAK-AWAY					
						POST + STUB						POST + STUB								POST			ANCHORS		POST			ANCHORS						
SIGN NO.	SIGN SIZE	STATION/ LOG MILE	LOCATION	SIGN DTL SHT NO.	(I-BEAM/PIPE) ITEM NO. 9031010	DES NO.	NO.1	NO.2	NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	SIZE	NO.1	NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	BASE ITEM NO. 9031005	POST ITEM NO. 9031230	NO.1	NO.2	TOTAL ITEM NO. 9031270A	DRIVEN ITEM NO. 9031273A	CONCRETE ITEM NO. 9031274	NO.1	NO.2	TOTAL ITEM NO. 9031280	DRIVEN ITEM NO. 9031281A	CONCRETE ITEM NO. 9031285	ASSEMBLY ITEM NO. 9031241	ITEM NO. 9031250A	COUNT	LENGTH	TOTAL ITEM NO. 9035030	ITEM NO. 9035031	REMARKS AND OTHER REQUIRED ITEMS
					CY	NO.	LF	LF	LF	FT	LBS	IN.	LF	LF	FT	LBS	EACH	LF	LF	LF	LF	EACH	EACH	LF	LF	LF	EACH	EACH	EACH	LF	EACH	IN.	LF	LF	
1	12X36	41.797	US 54 EB																16		16		1												J0964
2	12X36	41.797	US 54 WB																16		16		1												J0964
3	12X36	41.809	US 54 EB																16		16		1												J0964
4	12X36	41.809	US 54 WB																16		16		1												J0964
5	12X36	43.339	US 54 EB																16		16		1												J0965
6	12X36	43.339	US 54 WB																16		16		1												J0965
7	12X36	43.351	US 54 EB																16		16		1												J0965
8	12X36	43.351	US 54 WB																16		16		1												J0965
			SUBTOTAL																		128		8												
			TOTAL																		128		8												

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR I-BEAM, PIPE AND 4" SQUARE STEEL POSTS.

**FOR PSST WITHOUT BREAKAWAY DEVICES, POST LENGTH SHALL INCLUDE AN ADDITIONAL 6" FOR INSERTION INTO ANCHOR; FOR SURFACED MOUNTED PSST ON ISLANDS, NO ANCHOR IS USED, JUST A SURFACE MOUNT BREAKAWAY ASSEMBLY.

I-BEAM POST AND FOOTING DATA TABLE

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

PIPE POST AND FOOTING DATA TABLE

NOM.SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
IN.	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'-3½"	12"	4'-6"	0.13
4	10.79	0.90	5'-3½"	18"	5'-6"	0.36

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
06-30-2026 12:01:31
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

STANDARD SIGN ASSEMBLIES

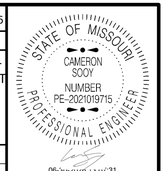
SIGN NO.	STATION OR LOG MILE	LOCATION	SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH																			
			 OM3-R	 OM3-L																		
			SHF OM3-R 12 x 36	SHF OM3-L 12 x 36																		
1	41.797	US 54 EB	1																			
2	41.797	US 54 WB		1																		
3	41.809	US 54 EB		1																		
4	41.809	US 54 WB	1																			
5	43.339	US 54EB	1																			
6	43.339	US 54 WB		1																		
7	43.351	US 54 EB		1																		
8	43.351	US 54 WB	1																			
		TOTALS	4	4																		

SIGN SUMMARY

EFFECTIVE: 10-01-2016

STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL. SHT. NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET			
				FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A
OM3-R		4	12 x 36		12.00		
OM3-L		4	12 x 36		12.00		
			TOTALS		24		

*ORANGE, YELLOW AND YELLOW-GREEN



DATE PREPARED
6/29/2026

ROUTE 54 | STATE MO

DISTRICT SW | SHEET NO. 21

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

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)

SIGNING
SHEET 2 OF 2

DESIGN DESIGNATION

A.A.D.T. - 2028 = 1793

T = 15.23%

V = 35 M.P.H.

FUNCTIONAL CLASSIFICATION-MINOR ARTERIAL/LOCAL

NO NEW R/W REQUIRED

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	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	

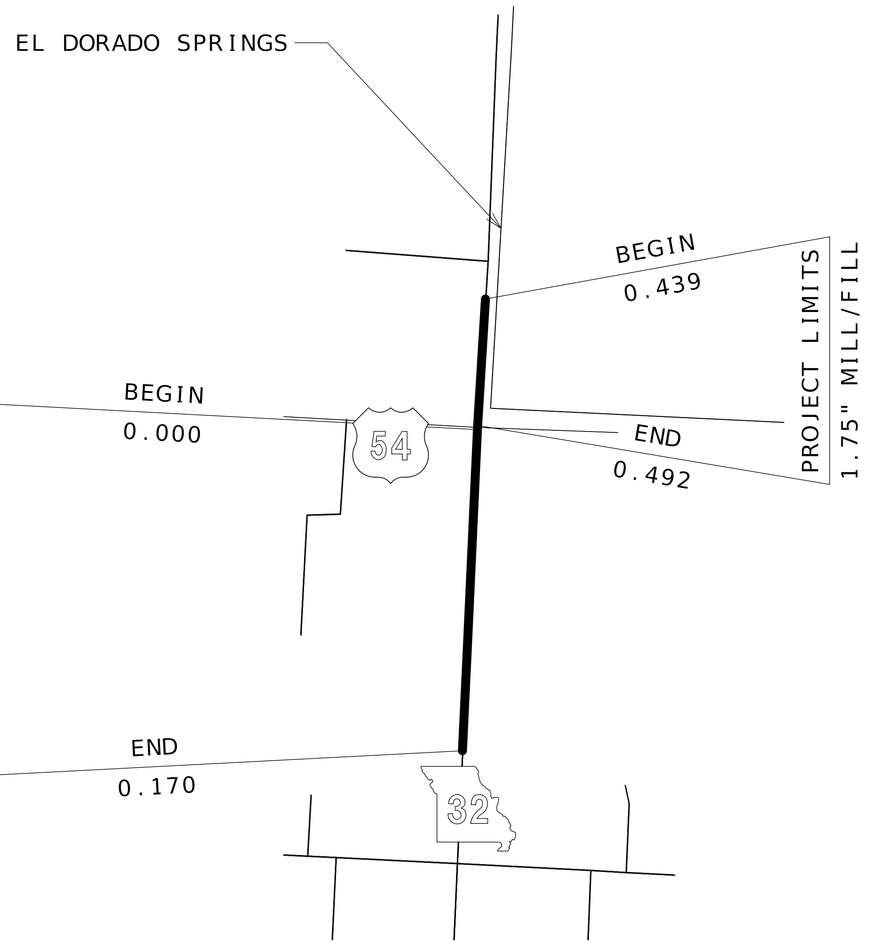
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY CEDAR COUNTY



KEY MAP
LOCATION OF CEDAR 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) (7 SHEETS)	2
QUANTITIES (QU) (2 SHEETS)	3
SPECIAL SHEETS (SS)	4-6
TRAFFIC CONTROL SHEETS (TC)	7-16

LENGTH OF PROJECT

LOG MILES FROM 2025 ARAN

BEGINNING OF PROJECT	LM.	0.000
END OF PROJECT	LM.	0.170
BEGINNING OF PROJECT	LM.	0.439
END OF PROJECT	LM.	0.492
APPARENT LENGTH		1177.44 FEET
EQUATIONS AND EXCEPTIONS:		NONE
TOTAL CORRECTIONS		0 FEET
NET LENGTH OF PROJECT		1177.44 FEET
STATE LENGTH		0.223 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES		0 ACRES

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07-xx-2026 0:00:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/1/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
CEDAR

JOB NO.
JSR0442

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: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

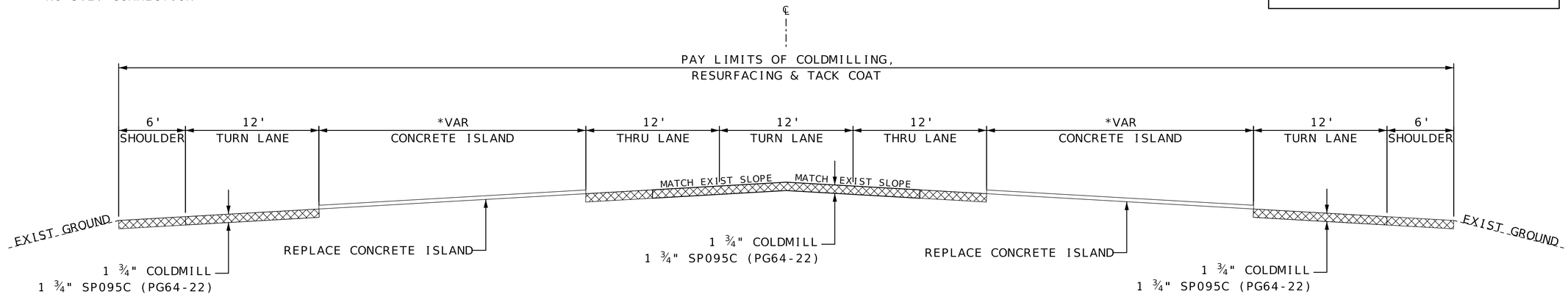
NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

REVISED: 8/26/2024

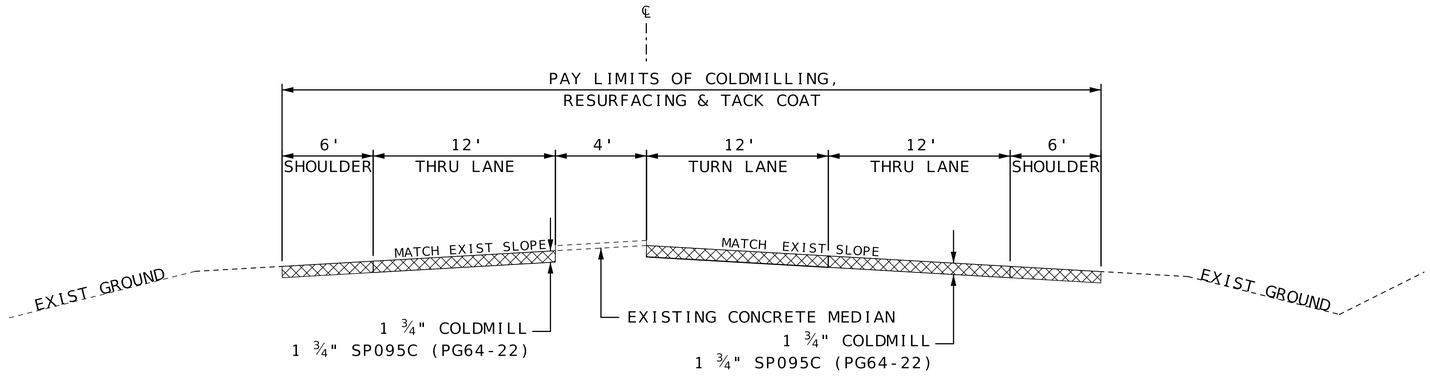
ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG64-22)	1.970 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
IRREGULARITIES: 75 TONS/MI	



*CONCRETE ISLAND VARIES FROM 0'-36'

ROUTE MO-32

LOG MILE 0.000 TO LOG MILE 0.013



ROUTE MO-32

LOG MILE 0.013 TO LOG MILE 0.047

TYPICAL SECTIONS
SHEET 1 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-DEC-2026 8:30:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR

JOB NO.
JSR0442

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: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
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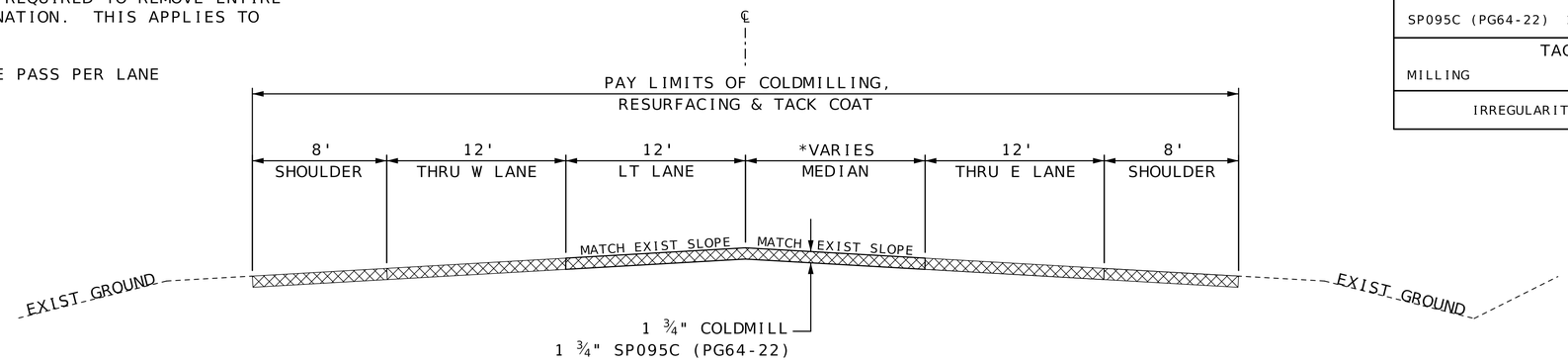
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SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

REVISED: 8/26/2024

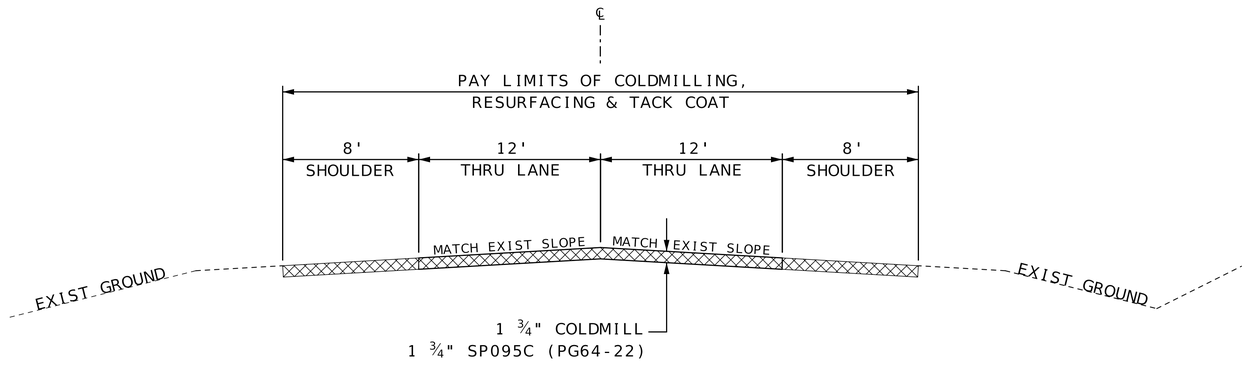
ASPHALT FACTORS	
	COMBINED FACTOR
SP095C (PG64-22)	1.970 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
IRREGULARITIES: 75 TONS/MI	



*MEDIAN RANGES FORM 0 TO 14'

ROUTE MO-32

LOG MILE 0.047 TO LOG MILE 0.100



ROUTE MO-32

LOG MILE 0.100 TO LOG MILE 0.170

TYPICAL SECTIONS
SHEET 2 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER
07-xx-2026 0:00:27
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
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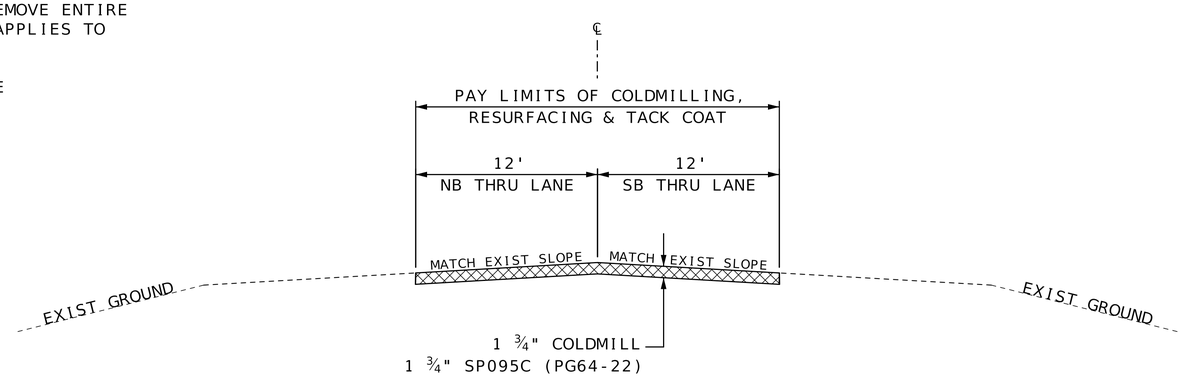
NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

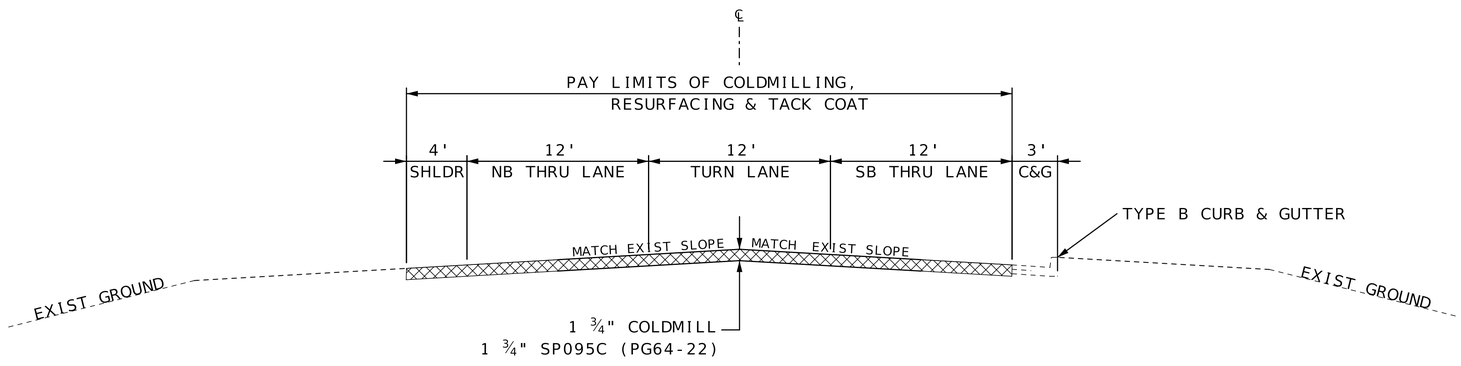
REVISED: 8/26/2024

ASPHALT FACTORS	
	COMBINED FACTOR
SP095C (PG64-22)	1.970 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ALLISON RD

LOG MILE 0.439 TO LOG MILE 0.451



ALLISON RD

LOG MILE 0.451 TO LOG MILE 0.492

TYPICAL SECTIONS
SHEET 3 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER
07-DEC-2026 6:30:27
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

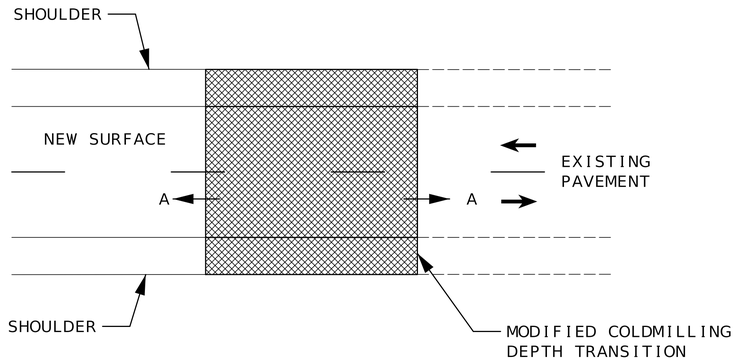
BRIDGE NO.

DESCRIPTION	DATE

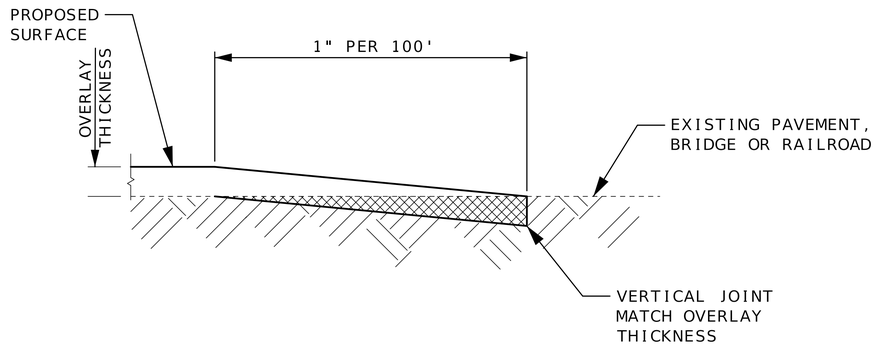
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 3/7/2023



MAINLINE, BRIDGE, AND RAILROAD PLAN



SECTION A-A

TRANSVERSE JOINT TRANSITION FOR SINGLE LIFT
PROJECT BEGINNING, END, BRIDGE, OR RAILROAD

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.

TYPICAL SECTIONS
SHEET 4 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-JUL-2026 8:30:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

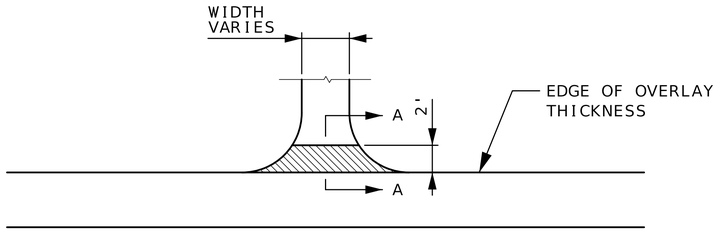
BRIDGE NO.

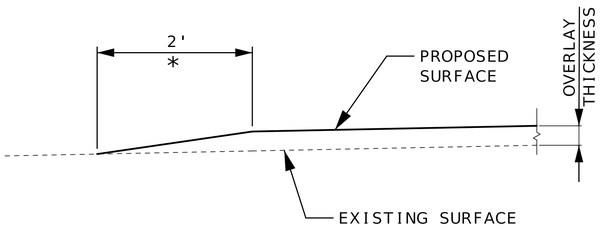
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 3/7/2023



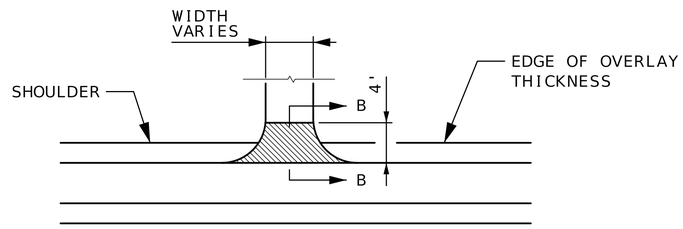


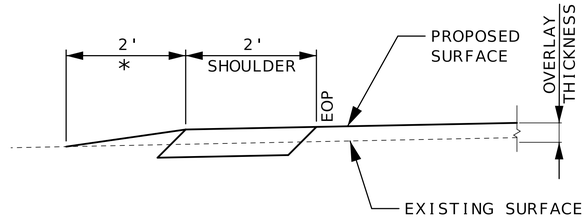
SECTION A-A

TYPICAL ENTRANCE - NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

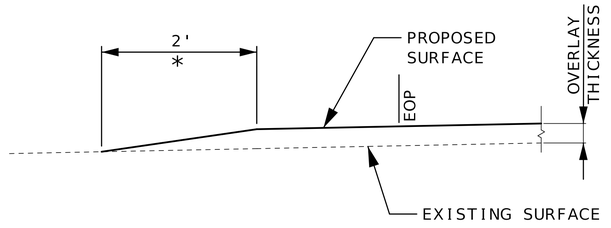
NOTE: 4 TONS GRAVEL A OR CRUSHED STONE CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.





AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

SECTION B-B

TYPICAL ENTRANCE - EXIST/NEW SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

NOTES: DO NOT BUILD 2' MODIFIED A3 SHOULDERS ACROSS CONCRETE OR ASPHALT ENTRANCES, STREETS OR ROADS.

4 TONS GRAVEL A OR CRUSHED STONE B CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-xx-2026 9:30:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

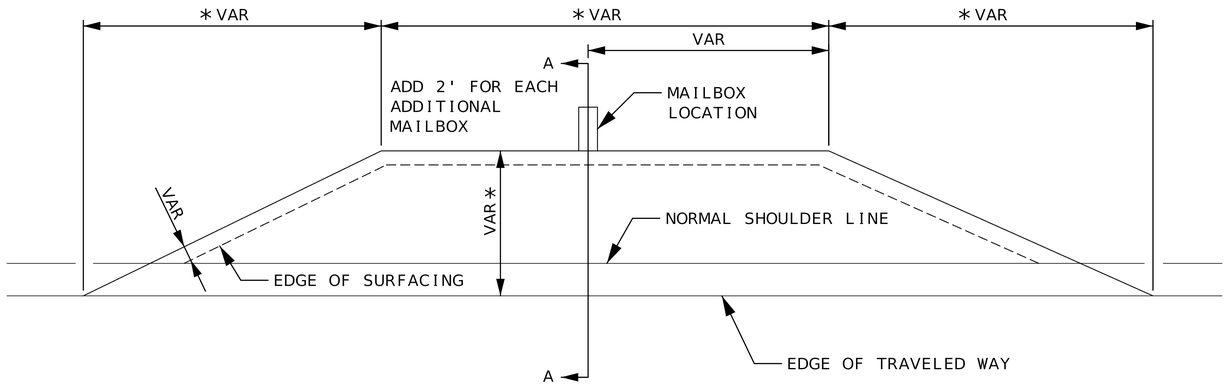
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

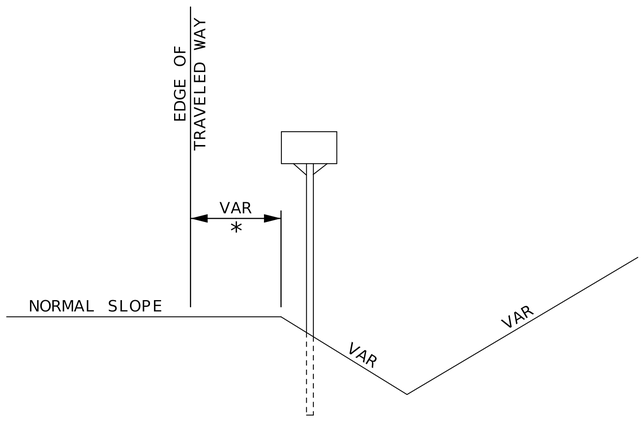
REVISED: 6/26/2025

NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND
15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL
MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

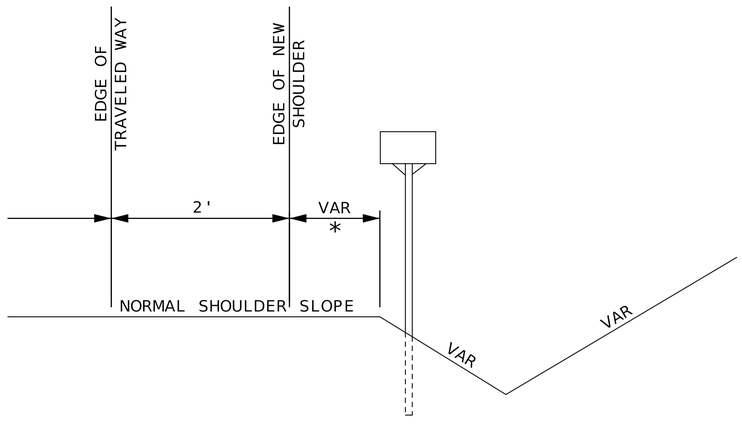
TYPICAL MAILBOX TURNOUT

*AS APPROVED BY THE ENGINEER





SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-xx-2026 8:30:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

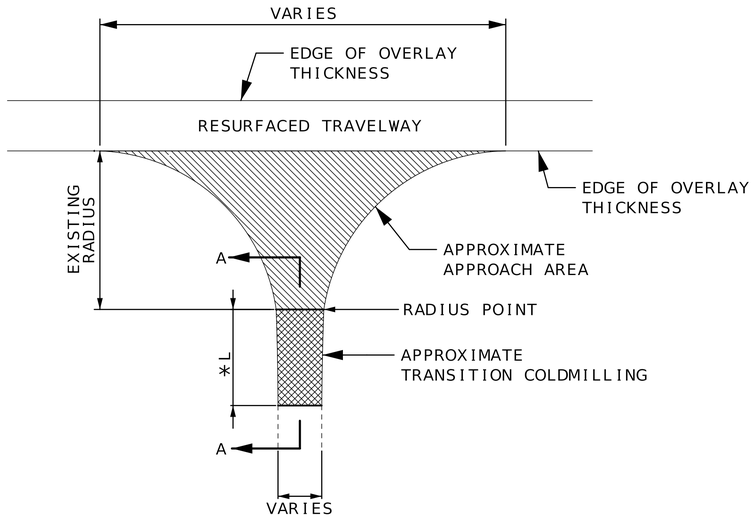
BRIDGE NO.

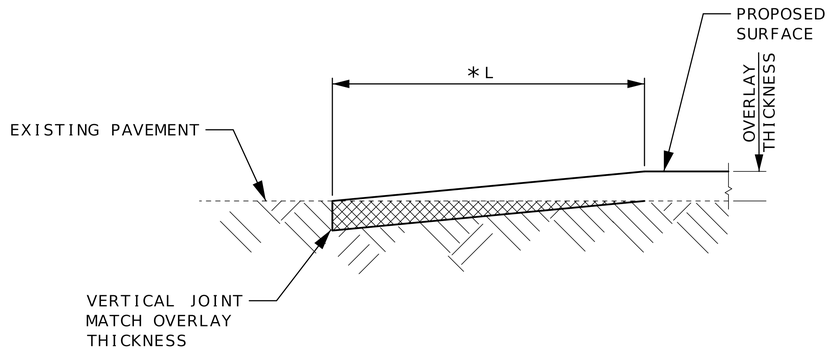
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 8/26/2024



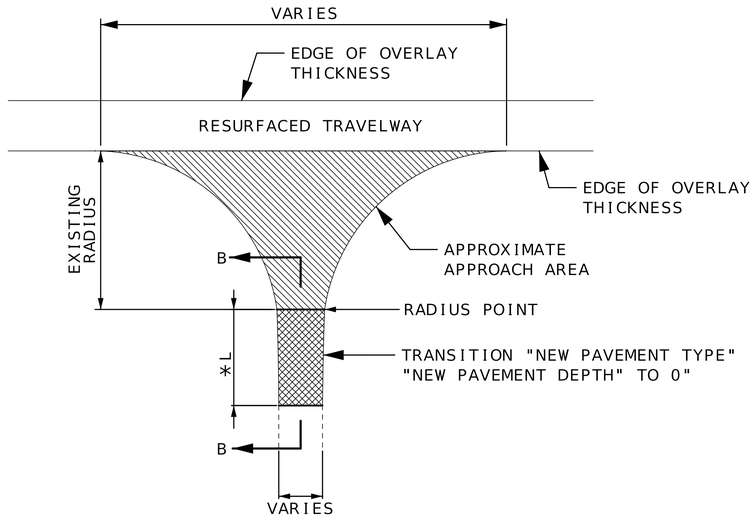


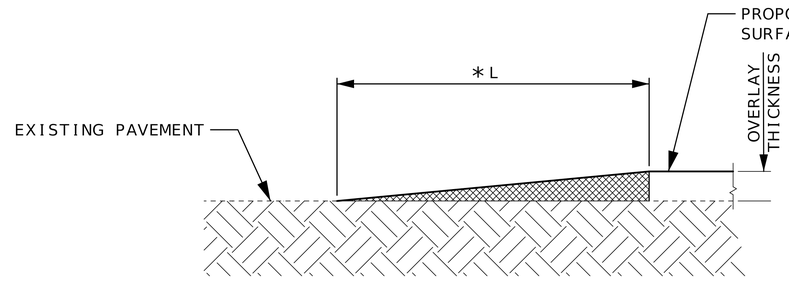
SECTION A-A

SURFACING REQUIREMENTS FOR
OVERLAYS AT STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LENGTHS

OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 ¾"	50.0'
2"	60.0'





SECTION B-B

SURFACING REQUIREMENTS FOR OVERLAYS
AT EXISTING COLD MIX STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LENGTHS

OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 ¾"	50.0'
2"	60.0'

TYPICAL SECTIONS
SHEET 7 OF 7

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-ac-2026 8.30.28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
CEDAR

JOB NO.
JSR0442

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)

ASPHALT, TACK, FOG SEAL, COLDMILLING, RUMBLES

LT/RT OFFSET	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	SP095C 1.75" 1.970 TONS/CY TONS	TACK 0.10 GAL	REMARKS
			LF	LF	SF			
LT/RT	0.000	0.032	169.0		14965.0	159.2	0.0	BEGIN MO-32
LT/RT	0.032	0.047	79.2	65.0		54.8	57.2	CONCRETE MEDIAN SECTION
LT/RT	0.047	0.065	95.0	60.0		60.7	63.3	3 LANES AND MEDIAN
LT/RT	0.065	0.080	79.2	55.0		46.3	48.4	PAINTED MEDIAN
LT/RT	0.080	0.100	105.6	45.0		50.6	52.8	TRANSITION ZONE
LT/RT	0.100	0.170	369.6	38.0		149.4	156.1	2 LANE
LT/RT	0.439	0.451	63.4	24.0		16.2	16.9	BEGIN ALLSION RD
LT/RT	0.451	0.468	89.8	33.0		31.5	32.9	TRANSITION TO 3 LANE
LT/RT	0.468	0.484	84.5	42.0		37.8	39.4	3 LANES
LT/RT	0.484	0.492	42.2		3656	38.9	40.6	END OF ALLISON RD
LT/RT	0.000	0.170	-	-		12.8	-	IRREGULARITIES 75 TONS/MILE, MO-32
LT/RT	0.439	0.492	-	-		4.0	-	IRREGULARITIES 75 TONS/MILE, ALLISON RD
					TOTAL	662.2	507.6	ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE
					USE	662.2	508	

COLDMILLING

ROUTE	LOG MILE	LOG MILE	NET LENGTH	AVERAGE WIDTH	MEASURED AREA	FULL DEPTH COLDMILL 3" OR LESS	REMARKS
			LF	LF	SF	SY	
MO-32	0.000	0.032	169.0		14965.0	1662.8	BEGIN MO-32
MO-32	0.032	0.047	79.2	65.0		572.0	CONCRETE MEDIAN SECTION
MO-32	0.047	0.065	95.0	60.0		633.3	3 LANES AND MEDIAN
MO-32	0.065	0.080	79.2	55.0		484.0	PAINTED MEDIAN
MO-32	0.080	0.100	105.6	45.0		528.0	TRANSITION ZONE
MO-32	0.100	0.170	369.6	38.0		1560.5	2 LANE
ALLISON RD	0.439	0.451	63.4	24.0		169.1	BEGIN ALLSION RD
ALLISON RD	0.451	0.468	89.8	33.0		329.3	TRANSITION TO 3 LANE
ALLISON RD	0.468	0.484	84.5	42.0		394.3	3 LANES
ALLISON RD	0.484	0.492	42.2		3656	406.2	END OF ALLISON RD
					TOTAL	6739.5	
					USE	6740	

PAVEMENT MARKING

BEGIN LOG	END LOG	LT/RT LOCATION	WATERBORNE PAINT, CLASS 1 BEADS 4" SOLID YELLOW	WATERBORNE PAINT, CLASS 2 BEADS 4" SOLID WHITE	24" WHITE	24" YELLOW	LEFT/RIGHT ARROW	REMARKS
			LF	LF	LF	LF	EACH	
0.002	0.012	LT/RT		150.0	12.0			BEGIN MO-32
0.012	0.046	LT/RT	360.0	540.0	12.0		2.0	3 LANE
0.046	0.100	LT/RT	580.0	580.0		215.0		TAPER TO 2 LANE
0.100	0.170	LT/RT	740.0	740.0				2 LANE TO END
0.439	0.451	LT/RT	120.0	120.0				BEGIN ALLISON RD
0.451	0.469	LT/RT	200.0	200.0		90.0		TAPER TO 3 LANE
0.469	0.484	LT/RT	80.0	240.0	24.0		1.0	3 LANE
0.484	0.492	LT/RT						NO MARKS, END
		TOTAL	2080	2570	48	305	3	
		USE	2080	2570	48	305	3	

CONCRETE MEDIAN

ROUTE	AREA	CONCRETE MEDIAN	REMARKS
	SF	SY	
MO-32	800	88.9	W CONCRETE ISLAND REPLACEMENT
MO-32	400	44.4	E CONCRETE ISLAND REPLACEMENT
-	TOTAL	133.3	
-	USE	133.3	

REMOVAL OF IMPROVEMENTS

BEGIN LOG MILE	END LOG MILE	UNIT	TOTAL	DESCRIPTION	REMARKS
0.000	0.012	SY	133.3	MEDIAN	2 CONCRETE ISLANDS
TOTAL = 1 LUMP SUM					

MOBILIZATION

1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING

1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 2

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07-01-2026 8:30:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
CEDAR

JOB NO.
JSR0442

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						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						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						MERGE (SYMBOL FROM RIGHT)
WO4-2L	48X48	16.00						LANE ENDS LEFT
WO4-2R	48X48	16.00	2	32.00				LANE ENDS RIGHT
WO5-1	48X48	16.00						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						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	2	32.00				UNEVEN LANES
WO8-12	48X48	16.00	2	32.00				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	1	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	22	352.00				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	11	176.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	3	48.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	1	16.00				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	11	176.00				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						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						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	0					PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	7	10.50				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	2	12.00				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						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	2	24.00				SPEED LIMIT 25
R2-1	36X48	12.00	1	12.00				SPEED LIMIT 35
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25	2	12.50				LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	2	12.50				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	2	64.00				POINT OF PRESENCE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	1085

616-10.10 RELOCATED SIGNS	TOTAL

EFFECTIVE: 07-01-2025

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
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	100	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	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

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-Jul-2026 12:16:31
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/9/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
CEDAR

JOB NO.
JSR0442

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)

SUMMARY OF QUANTITIES
SHEET 2 OF 2

NOTE: ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECTS LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF CONSTRUCTION OF THIS PROJECT
ALL STATIONS AND/OR LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY ENGINEER

*NOT TO SCALE



MO-32 1.75" MILL & FILL, INCLUDING SHOULDERS

REPLACE CONCRETE ISLANDS

MILL & FILL

SPECIAL SHEETS
SHEET 1 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-xx-2026 0.0v.28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

*NOT TO SCALE



MO-32 1.75" MILL & FILL, INCLUDING SHOULDERS

MILL & FILL

SPECIAL SHEETS
SHEET 2 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07-22-2026 9:30:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
CEDAR

JOB NO.
JSR0442

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)

*NOT TO SCALE



ALLISON RD 1.75" MILL & FILL, INCLUDING SHOULDERS

SPECIAL SHEETS
SHEET 3 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07-22-2026 9:30:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

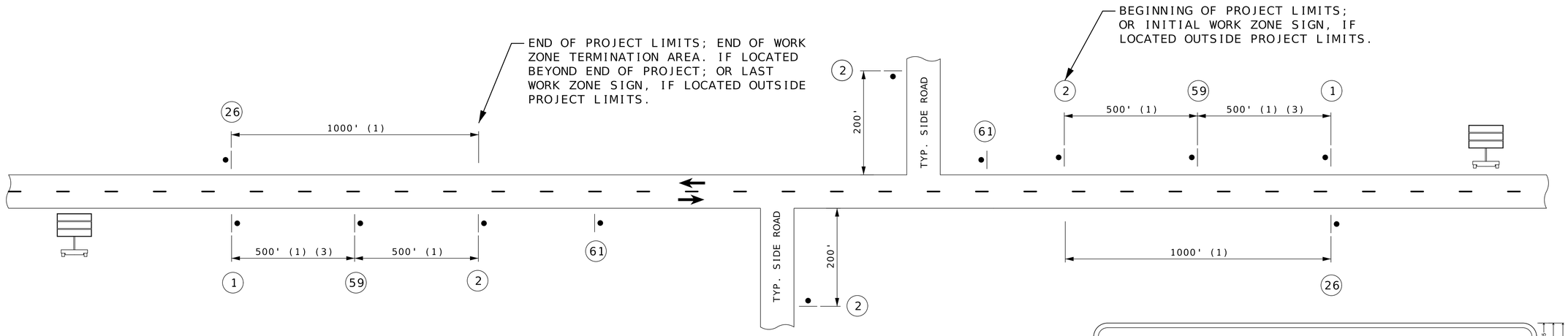
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GENERAL NOTES:

REVISED: 2/19/2026

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

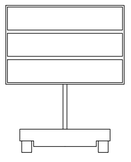
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

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

(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

(5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED

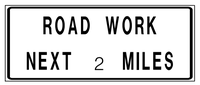


(4)



CONST-8

59 (3)



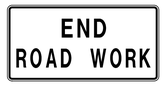
GO20-1

1 (5)



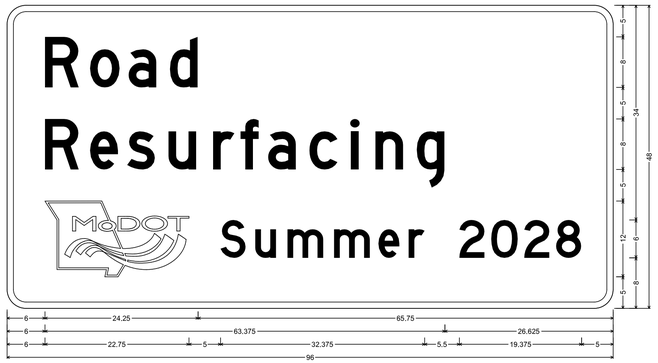
WO20-1

2



GO20-2

26 (5)

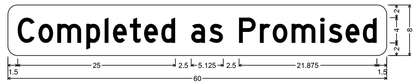


CONST-5 SH-FLAT SHEET;
3.000" Radius, 1.000" Border, White on, Green;
"Road", D; "Resurfacing", D; "Summer 2028", D 90% spacing;
Table of letter and object lefts

R 6.000	o 13.125	a 19.250	d 25.750
R 6.000	e 13.125	s 19.000	u 25.625	r 32.625	f 37.000	a 41.375	c 47.875	l 54.500	n 58.375	g 64.875
▬ 6.000	S 33.750	u 39.250	m 44.375	m 51.750	e 58.875	r 63.625	2 71.625	0 76.750	2 81.875	8 87.000

CONST-5-96

61 (2)



CONST-5P-60 SHF-FLAT SHEET FLUORESCENT;
1.500" Radius, No border, Yellow;
"Completed as Promised" Black, D 65% spacing;
Table of letter and object lefts

C 1.500	o 4.875	m 7.875	p 12.375	l 15.375	e 16.625	t 19.375	e 21.500	d 24.250	e 29.000	s 31.875	
P 36.625	r 39.875	o 41.875	m 44.875	l 49.500	s 50.750	e 53.500	d 56.250				

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 10

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07-xx-2026 6:30:28
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
CEDAR

JOB NO.
JSR0442

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)

REVISED: 2/19/2026



WO20-1

(2)



WO20-4

(7)



WO20-7a

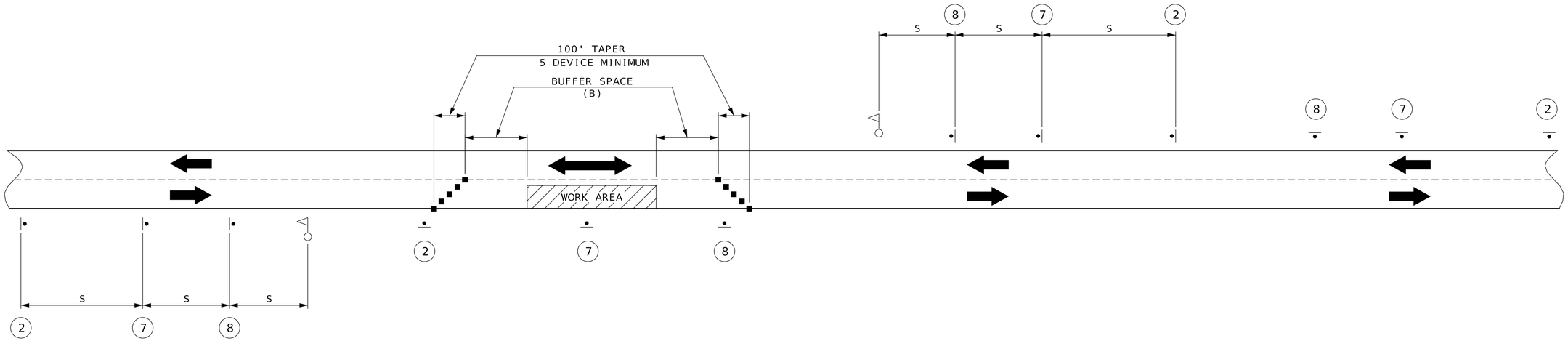
(8)



GO20-4

(53)

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

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

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

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

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT) (B)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

SPACING 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, AS APPROVED BY ENGINEER.

MOVING FLAGGER OPERATION
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 10

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07-xx-2026 0.0v.29
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

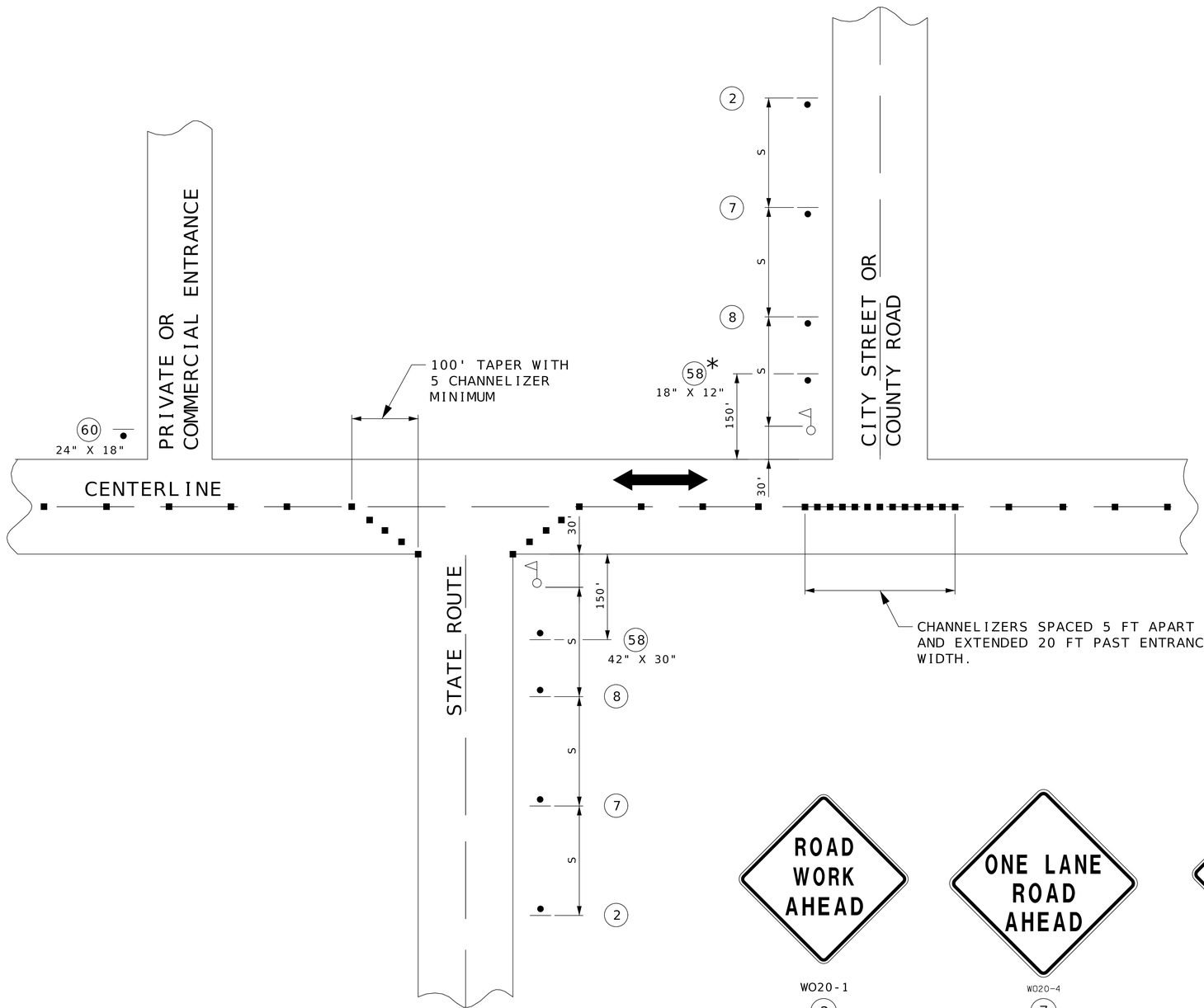
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026

SIDE ROADS ENTERING WORK ZONES



SPEED	SIGN SPACING (FT.)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER WORK AREA
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

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.

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

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



GO20-4a

58

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).



24" X 18"

60

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

WO20-1

2

WO20-4

7



WO20-7a

8

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 10

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-xx-2026 8:30:29
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

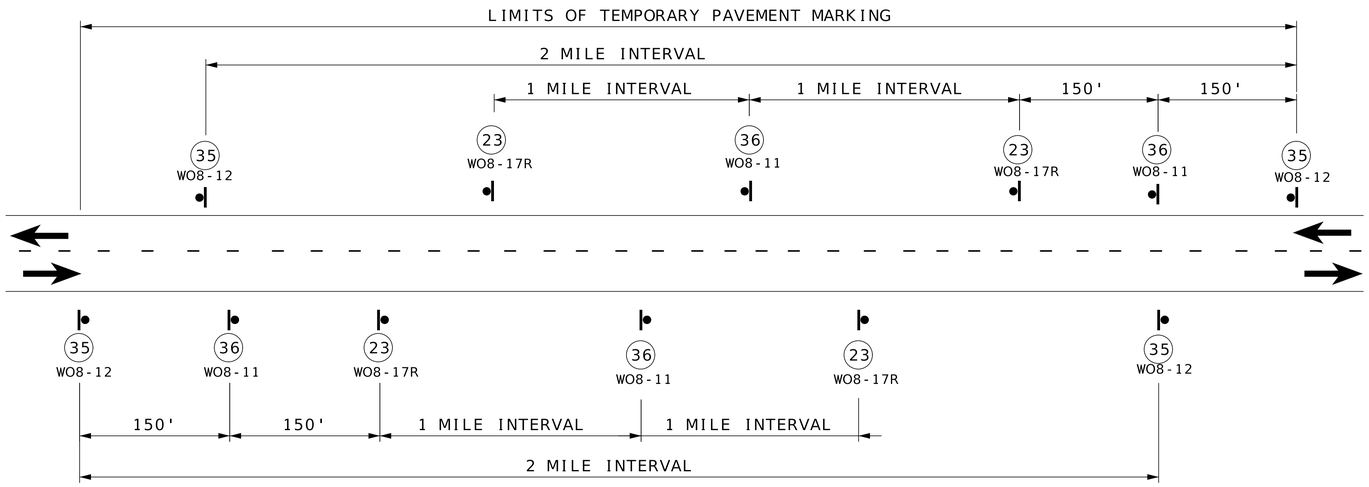
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

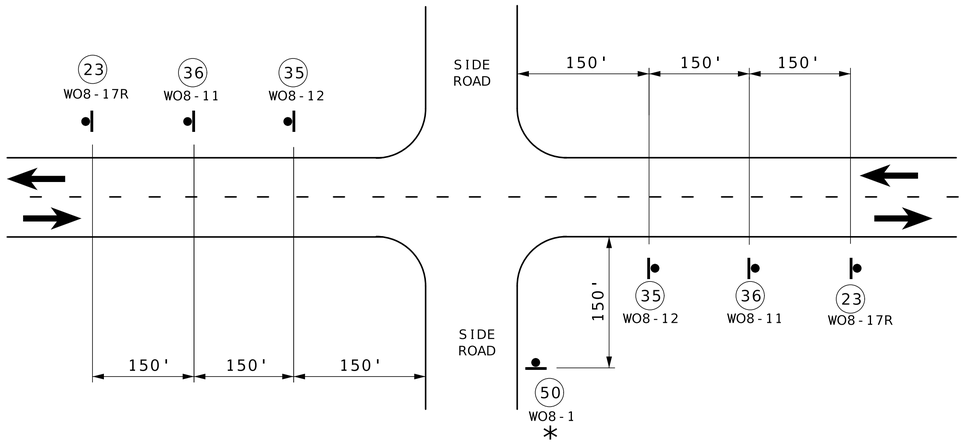
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 2/19/2026



SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.



SIGN SPACING AT STATE ROUTE INTERSECTIONS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.



SHOULDER DROP-OFF

WO8-17R
WO8-17p
(23)



WO8-1
(50) *



WO8-11
(36)



WO8-12
(35)

GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING 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-EIGHTH 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.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 10

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07-xx-2026 6:30:29
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

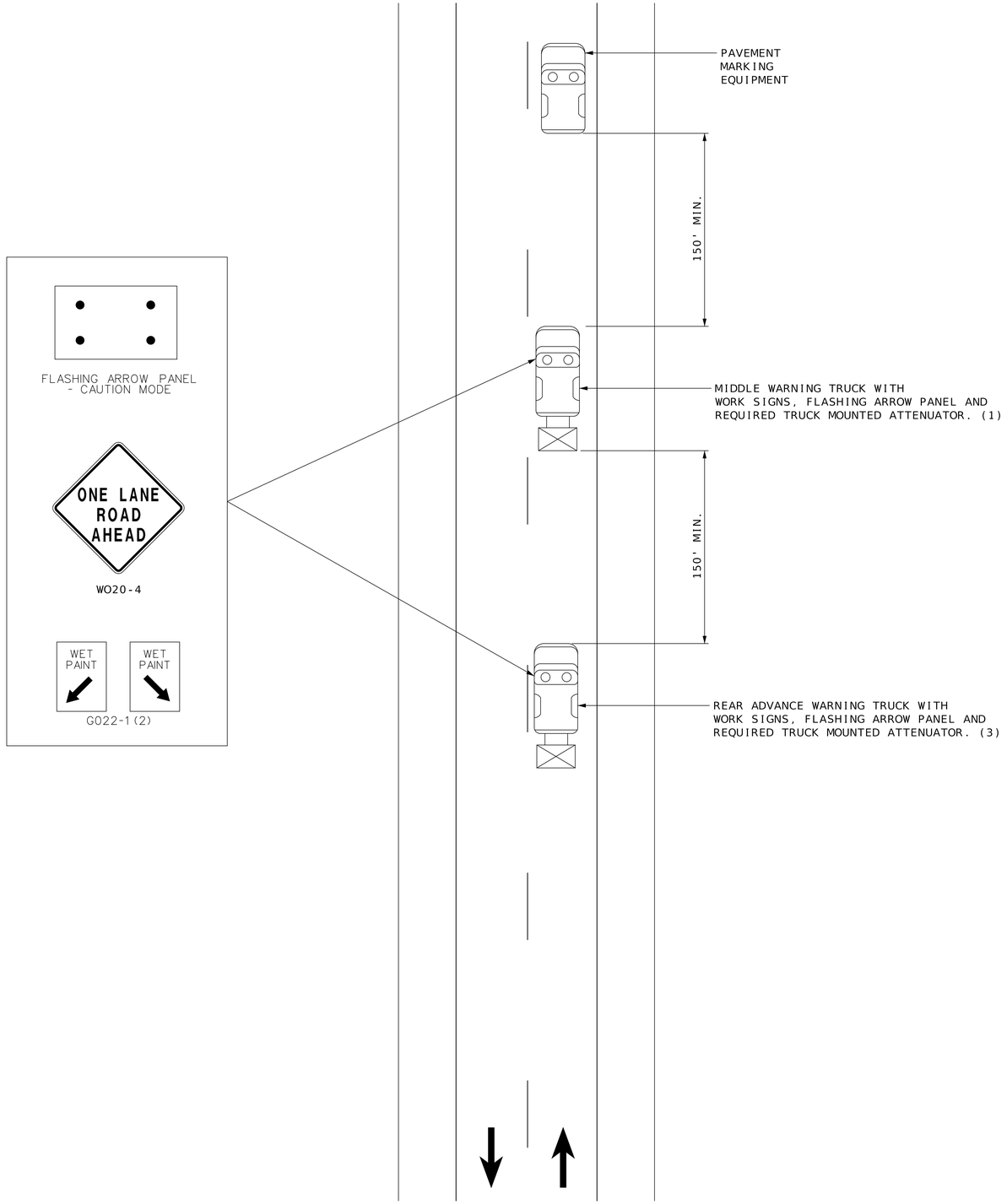
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026



PAVEMENT MARKING ON TWO-LANE HIGHWAY

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.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

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

(3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 10

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER

07-xx-2026 6:30:29
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
CEDAR

JOB NO.
JSR0442

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)

SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT (UNDIVIDED HIGHWAY)

REVISED: 2/19/2026

SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

(1) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



WO20-1

(2)



WO21-5

(21)



WO5-1

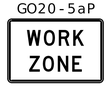


(1)

WO7-3a

(43) *

GO20-5aP





R2-1

(54)
(4)



R2-1

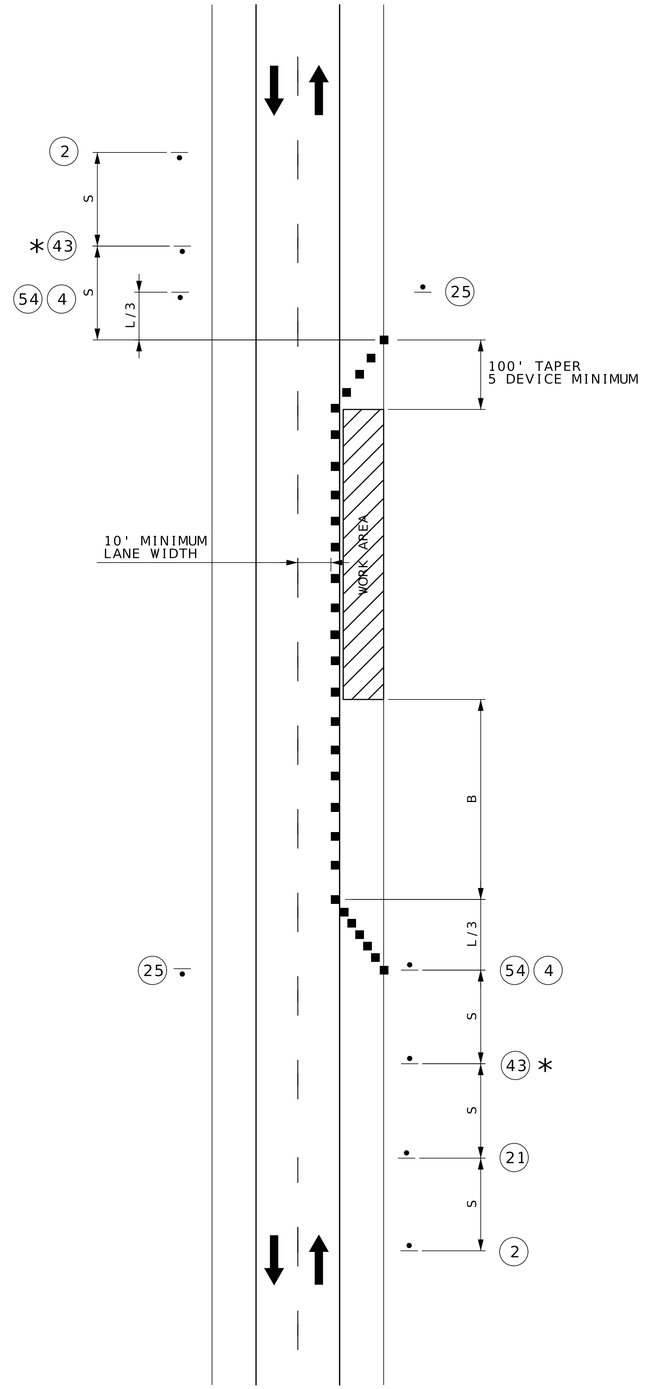
(25)

(NORMAL SPEED)

* OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- • SIGN (SINGLE SIDED)
- ■ CHANNELIZER



NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 10

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER

07-xx-xxxx 6:30:29
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

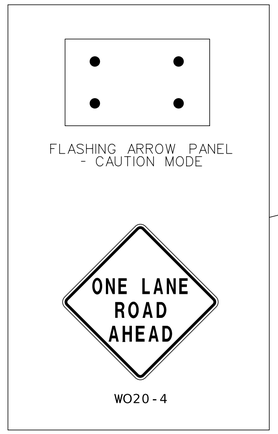
BRIDGE NO.

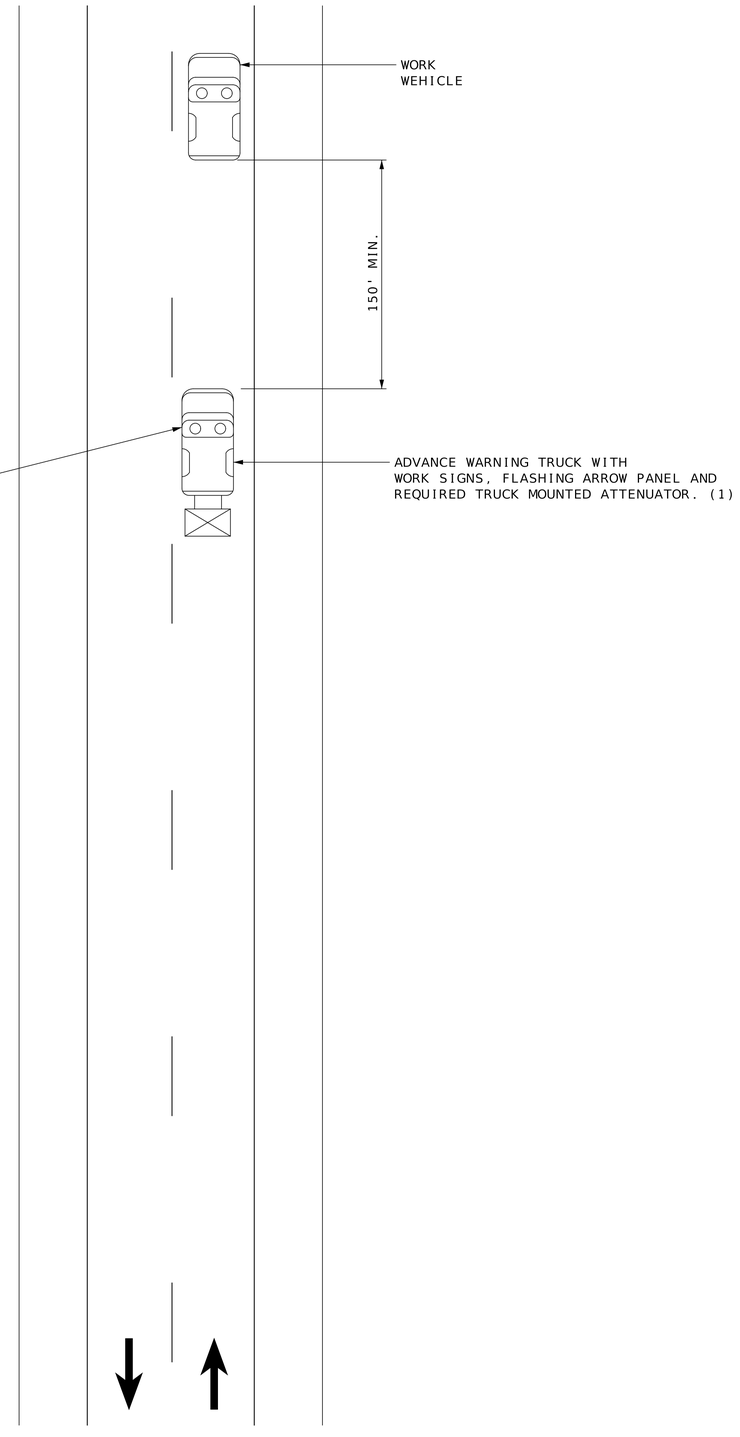
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026





MOBILE OPERATION ON TWO-LANE HIGHWAY

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 AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) ADVANCE WARNING TRUCK IS POSITIONED AT VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 10

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-DEC-2026 6:30:29
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

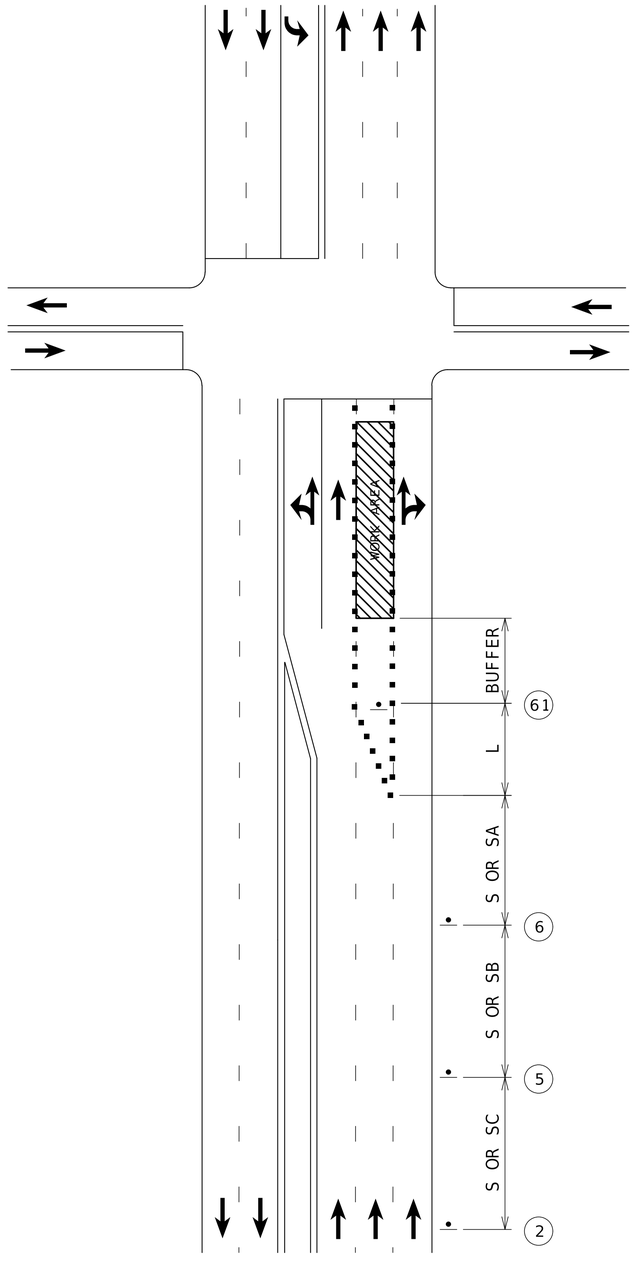
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

REVISED: 2/19/2026



LANE CLOSURE ON
NEAR SIDE OF INTERSECTION

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	540	360	40	80
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(1) RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER



WO20-1
2



WO20-5
5

CENTER
OR
LEFT



WO20-6a
6

CENTER
OR
LEFT



WO12-1
61

NOT TO SCALE

TRAFFIC CONTROL
SHEET 8 OF 10

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-xx-2026 8:30:29
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

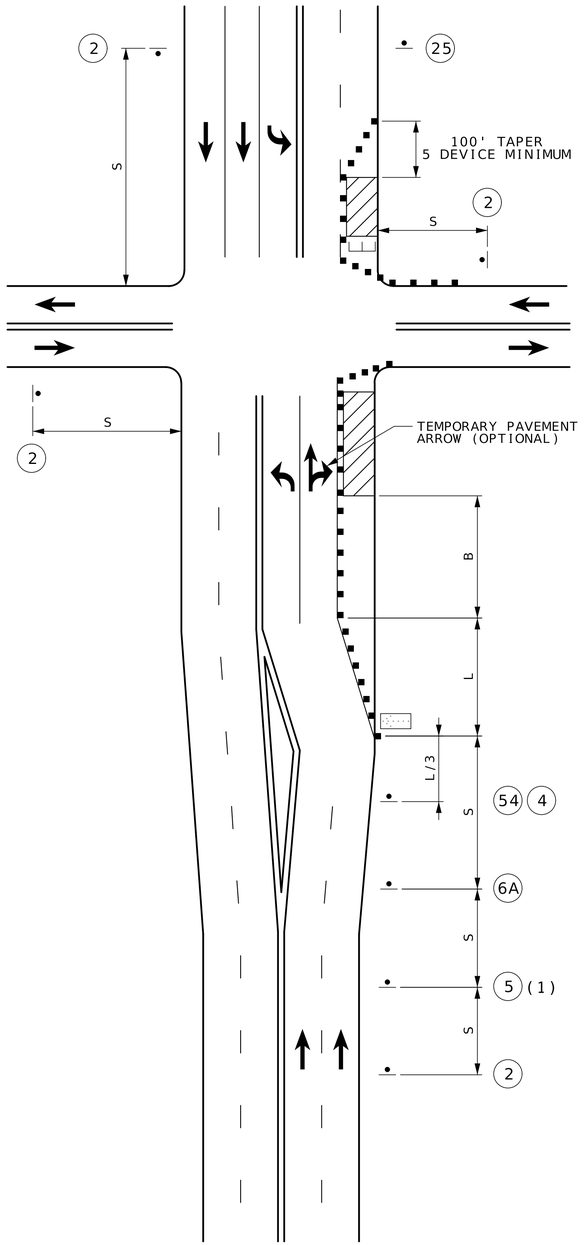
PROJECT NO.

BRIDGE NO.

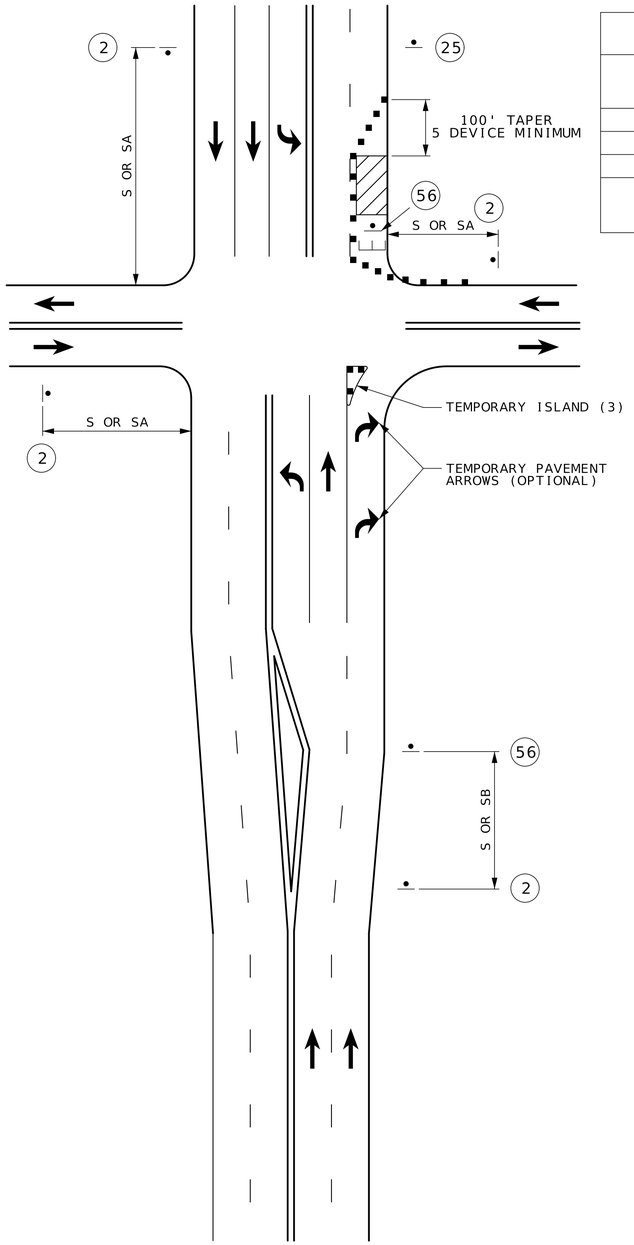
DESCRIPTION	DATE

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

REVISED: 3/17/2026



WORK ON NEAR OR FAR SIDE



WORK ON FAR SIDE ONLY (2)

RIGHT LANE CLOSURE AT INTERSECTION

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	540	360	40	80
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:
FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(1) RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(2) TYPICAL APPLICATION ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH TRAFFIC TURNS RIGHT.

(3) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.

TRAFFIC CONTROL LEGEND

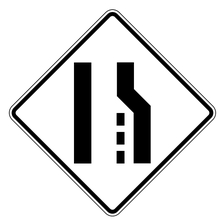
- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



WO20-1
2



WO20-5
5



WO4-2R
6A

GO20-5aP





R3-7R
56



R2-1
54
4



R2-1
25
(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 9 OF 10

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-xx-2026 6:30:29
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
CEDAR

JOB NO.
JSR0442

CONTRACT ID.

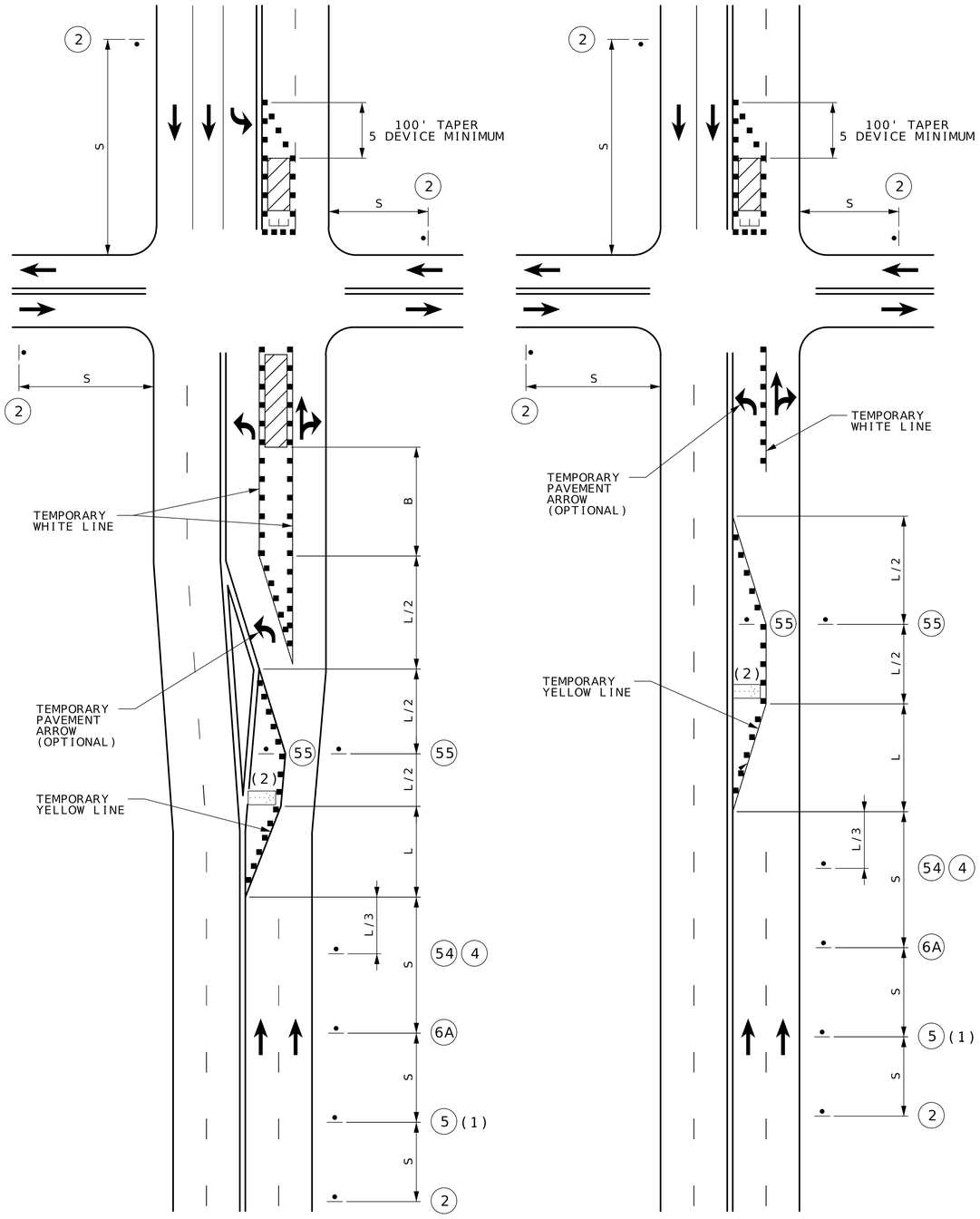
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

REVISED: 3/17/2026



WORK ON NEAR OR FAR SIDE

WORK ON FAR SIDE ONLY

LEFT LANE CLOSURE AT INTERSECTION

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	540	360	40	80
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(1) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(2) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



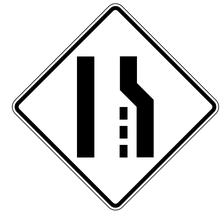
WO20-1

(2)



WO20-5

(5)



WO4-2R

(6A)



R3-7L

(55)

GO20-5aP





R2-1

(54)
(4)



R2-1

(25)

(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 10 OF 10

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07-xx-2026 8:30
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
32	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
CEDAR

JOB NO.
JSR0442

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)

DESIGN DESIGNATION

A.A.D.T. - 2028 = 1299

T = 15.08%

V = 55,50 M.P.H.

FUNCTIONAL CLASSIFICATION-MAJOR COLLECTOR

NO NEW R/W REQUIRED

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	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	

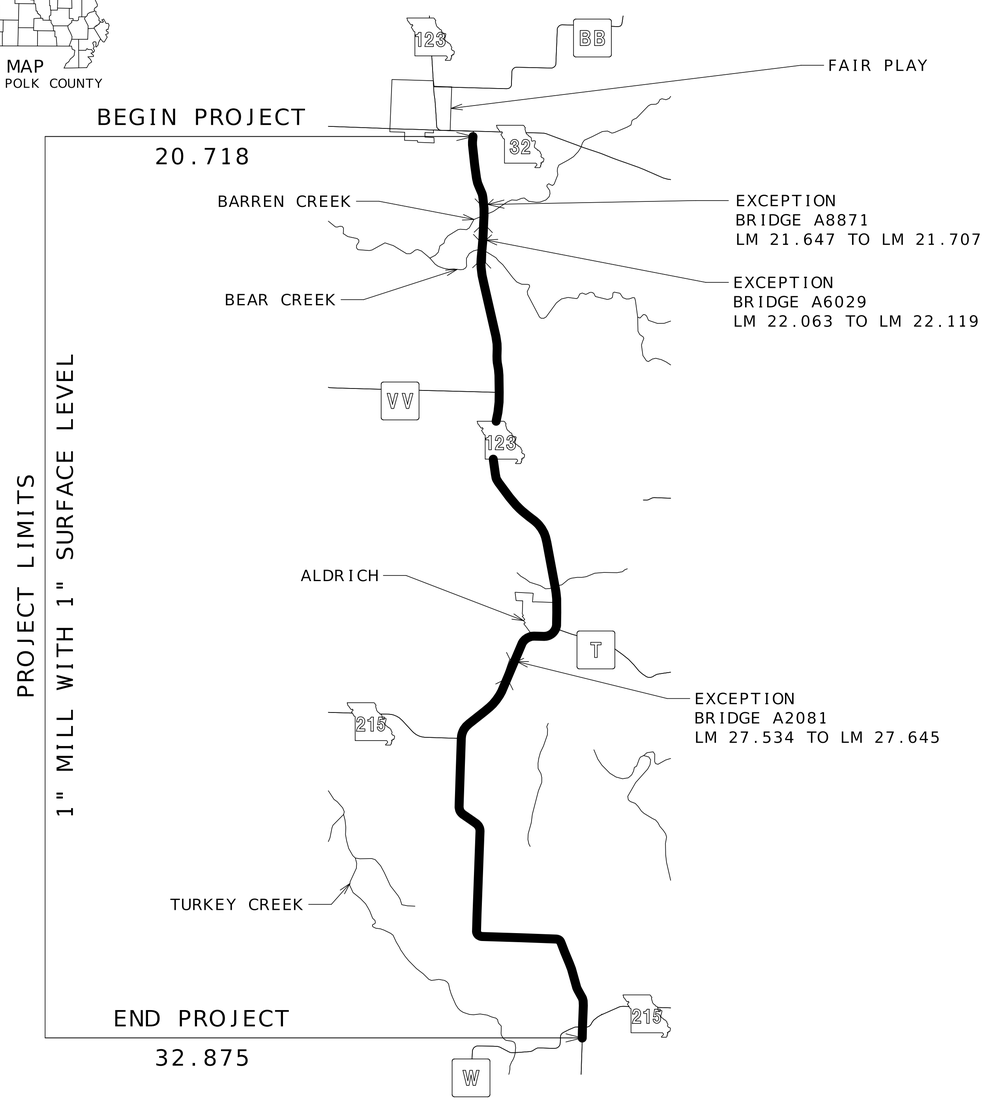
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY POLK COUNTY



KEY MAP
LOCATION OF POLK 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) (1 SHEET)	2
QUANTITIES (QU) (2 SHEETS)	3
SPECIAL SHEETS (SS)	4-8
TRAFFIC CONTROL SHEETS (TC)	9-14

LENGTH OF PROJECT

LOG MILES FROM 2024 ARAN

BEGINNING OF PROJECT	LM. 20.718	
END OF PROJECT	LM. 32.875	
APPARENT LENGTH	64188.960	FEET
EQUATIONS AND EXCEPTIONS:		
BRIDGE A8871		
BEGIN	LM. 21.647	
END	LM. 21.707	
BRIDGE A6029		
BEGIN	LM. 22.063	
END	LM. 22.119	
BRIDGE A2081		
BEGIN	LM. 27.534	
END	LM. 27.645	
TOTAL CORRECTIONS	-1198.560	FEET
NET LENGTH OF PROJECT	62.990.400	FEET
STATE LENGTH	11.930	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0	ACRES

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

08-03-2026 9:43:04
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
123	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
POLK

JOB NO.
JSR0487

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: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

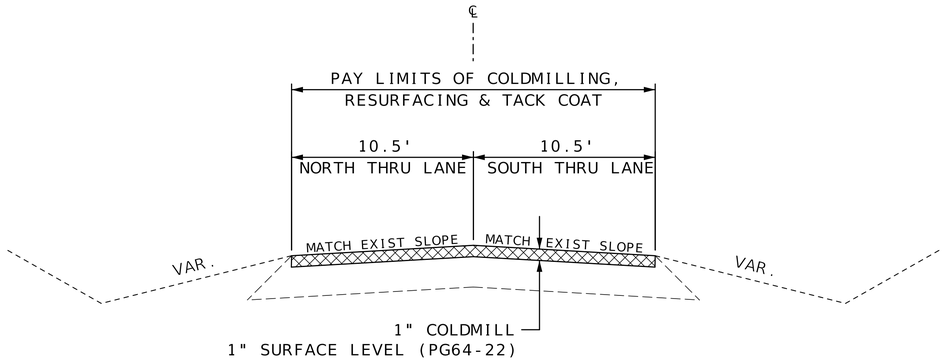
NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

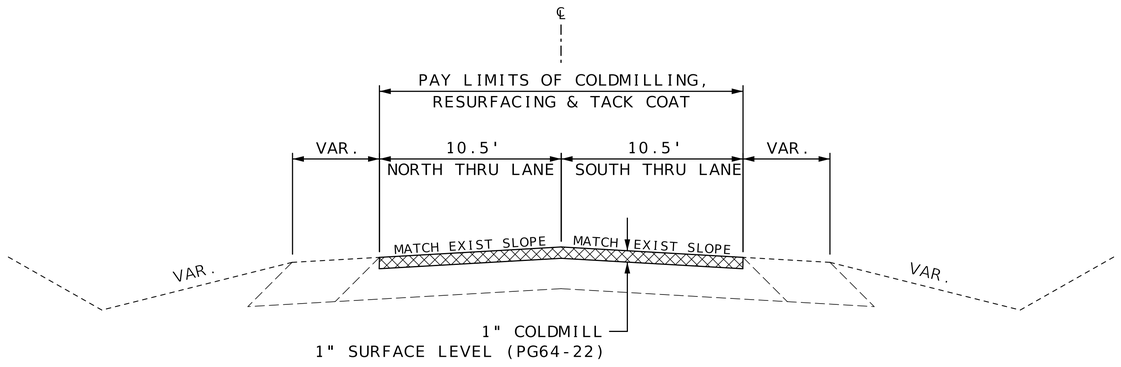
REVISED: 8/26/2024

ASPHALT FACTORS	
	COMBINED FACTOR
SL (PG64-22)	1.980 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE MO-123

LOG MILE 20.718 TO LOG MILE 21.647
LOG MILE 21.707 TO LOG MILE 21.932
LOG MILE 22.191 TO LOG MILE 27.534
LOG MILE 27.645 TO LOG MILE 32.875



ROUTE MO-123

LOG MILE 21.932 TO LOG MILE 22.063
LOG MILE 22.119 TO LOG MILE 22.191

1" COLDMILL & 1" FILL

TYPICAL SECTIONS
SHEET 1 OF 1

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

08-xx-2xx6 e.c.s.04
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/1/2026

ROUTE	STATE
123	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
POLK

JOB NO.
JSR0487

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)

ASPHALT AND TACK

BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	SL 1.00" 1.980 TONS/CY	TACK 0.10	REMARKS
		LF	LF	TONS	GAL	
20.718	21.647	4905.1	21	629.5	1144.5	BEGIN PROJECT TO BRIDGE L0198 EXCEPTION
21.707	22.063	1879.7	21	241.2	438.6	BRIDGE L0198 END TO BRIDGE A6029 EXCEPTION
22.119	27.534	28591.2	21	3669.2	667.1	BRIDGE A6029 END TO BRIDGE A2081 EXCEPTION
27.645	32.875	27614.4	21	3543.8	6443.4	BRIDGE A2081 END TO END OF PROJECT
20.718	32.875	-	-	911.8	-	IRREGULARITIES 75 TONS/MILE
			TOTAL	8995.5	14697.8	ANY AND ALL IRREGULARITIES MAY BE UNDERRUN
			USE	8995.5	14698	AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE

MOBILIZATION

1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING

1 LUMP SUM

PAVEMENT MARKING

BEGIN LOG	END LOG	LT/RT LOCATION	WATERBORNE PAINT, CLASS 1 BEADS 4" SOLID WHITE	4" INT YELLOW	4" SOLID YELLOW	REMARKS
			LF	LF	LF	
20.718	21.647	LT/RT	9820.0		9820.0	BEGIN PROJECT, 2 WHITE, 2 YELLOW
21.647	21.707	LT/RT				BRIDGE L0198 EXCEPTION
21.707	21.940	LT/RT	2460.0		2460.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
21.940	21.955	LT/RT	160.0		160.0	2 WHITE, 2 YELLOW
21.955	22.063	LT/RT	1140.0		1140.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
22.063	22.119	LT/RT				BRIDGE A6029 EXCEPTION
22.119	22.348	LT/RT	2420.0		2420.0	2 WHITE, 2 YELLOW
22.348	22.456	LT/RT	1140.0		1140.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
22.456	22.522	LT/RT	700.0		700.0	2 WHITE, 2 YELLOW
22.522	22.645	LT/RT	1300.0		1300.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
22.645	23.601	LT/RT	10100.0		10100.0	2 WHITE, 2 YELLOW
23.601	23.727	LT/RT	1340.0		1340.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
23.727	23.755	LT/RT	150.0		300.0	HIGHWAY VV INTERSECTION
23.755	23.775	LT/RT	220.0		220.0	2 WHITE, 2 YELLOW
23.775	23.881	LT/RT	1120.0		1120.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
23.881	24.357	LT/RT	5020.0		5020.0	2 WHITE, 2 YELLOW
24.357	24.627	LT/RT	2860.0		2860.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
24.627	24.849	LT/RT	2340.0		2340.0	2 WHITE, 2 YELLOW
24.849	24.952	LT/RT	1080.0		1080.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
24.952	25.009	LT/RT	600.0		600.0	2 WHITE, 2 YELLOW
25.009	25.140	LT/RT	1380.0		1380.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
25.140	25.887	LT/RT	7880.0		7880.0	2 WHITE, 2 YELLOW
25.887	26.045	LT/RT	1660.0		1660.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
26.045	26.164	LT/RT	1260.0	160.0		1 DASHED YELLOW, 2 WHITE
26.164	26.376	LT/RT	2240.0		2240.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
26.376	26.685	LT/RT	3260.0		3260.0	2 WHITE, 2 YELLOW
26.685	26.713	LT/RT	150.0		300.0	HIGHWAY T INTERSECTION
26.713	27.191	LT/RT	5040.0		5040.0	2 WHITE, 2 YELLOW
27.191	27.320	LT/RT	1360.0		1360.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
27.320	27.534	LT/RT	2260.0	280.0		1 DASHED YELLOW, 2 WHITE
27.534	27.645	LT/RT				BRIDGE A2081 EXCEPTION
27.645	27.834	LT/RT	2000.0		2000.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
27.834	27.960	LT/RT	1340.0		1340.0	2 WHITE, 2 YELLOW
27.960	28.280	LT/RT	3380.0		3380.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
28.280	28.473	LT/RT	2040.0		2040.0	2 WHITE, 2 YELLOW
28.473	28.504	LT/RT	160.0		320.0	HIGHWAY 215 INTERSECTION
28.504	28.685	LT/RT	1920.0		1920.0	2 WHITE, 2 YELLOW
28.685	28.963	LT/RT	2940.0		2940.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
28.963	29.738	LT/RT	8180.0		8180.0	2 WHITE, 2 YELLOW
29.738	29.772	LT/RT	360.0		360.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
29.772	29.922	LT/RT	1580.0	200.0		1 DASHED YELLOW, 2 WHITE
29.922	30.081	LT/RT	1680.0		1680.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
30.081	30.170	LT/RT	940.0		940.0	2 WHITE, 2 YELLOW
30.170	30.286	LT/RT	1220.0		1220.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
30.286	30.371	LT/RT	900.0	110.0		1 DASHED YELLOW, 2 WHITE
30.371	30.588	LT/RT	2300.0		2300.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
30.588	30.904	LT/RT	3340.0		3340.0	2 WHITE, 2 YELLOW
30.904	31.097	LT/RT	2040.0		2040.0	1 DASHED YELLOW, 1 YELLOW, 2 WHITE
31.097	32.848	LT/RT	18500.0		18500.0	2 WHITE, 2 YELLOW
32.848	32.875	LT/RT			280.0	HIGHWAY W INTERSECTION, END PROJECT
		TOTAL	125280	750	120020	
		USE	125280	120770		

COLDMILLING

ROUTE	LOG MILE	LOG MILE	NET LENGTH	AVERAGE WIDTH	FULL DEPTH COLDMILL 3" OR LESS	REMARKS
			LF	LF	SY	
MO-123	20.718	21.647	4905.1	21	11445.2	BEGIN TO BRIDGE L0189
MO-123	21.707	22.063	1879.7	21	4386.0	BRIDGE L0189 TO BRIDGE A6029
MO-123	22.119	27.534	28591.2	21	66712.8	BRIDGE A6029 TO BRIDGE A2081
MO-126	27.645	32.875	27614.4	21	64433.6	BRIDGE A2081 TO END
				TOTAL	146977.6	
				USE	146978	

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

08-03-2026 9:43:04
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

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POLK

JOB NO.
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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES
SHEET 1 OF 2

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						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						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						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						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	1	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						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	26	416.00				UNEVEN LANES
WO8-12	48X48	16.00	14	224.00				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	6	96.00				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	26	416.00				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	8	128.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	8	128.00				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	2	4.38				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						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	2	17.50				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	2	3.00				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						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						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00						SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						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	2	24.00				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL 1518	
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	100	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	3	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	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

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

08-03-2026 9:43:04
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES
SHEET 2 OF 2

NOTE: ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECTS LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF CONSTRUCTION OF THIS PROJECT
ALL STATIONS AND/OR LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY ENGINEER

*NOT TO SCALE



MO-123 1" MILL & 1" SURFACE LEVEL

1" MILL AND FILL

SPECIAL SHEETS
SHEET 1 OF 5

STATE OF MISSOURI
CAMERON SOOY
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*NOT TO SCALE



MO-123 1" MILL & 1" SURFACE LEVEL

1" MILL AND FILL

SPECIAL SHEETS
SHEET 2 OF 5

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

*NOT TO SCALE



MO-123 1" MILL & 1" SURFACE LEVEL

1" MILL AND FILL

SPECIAL SHEETS
SHEET 3 OF 5

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

08-12-2026 9:43:04
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
123	MO

DISTRICT	SHEET NO.
SW	6

COUNTY
POLK

JOB NO.
JSR0487

CONTRACT ID.

PROJECT NO.

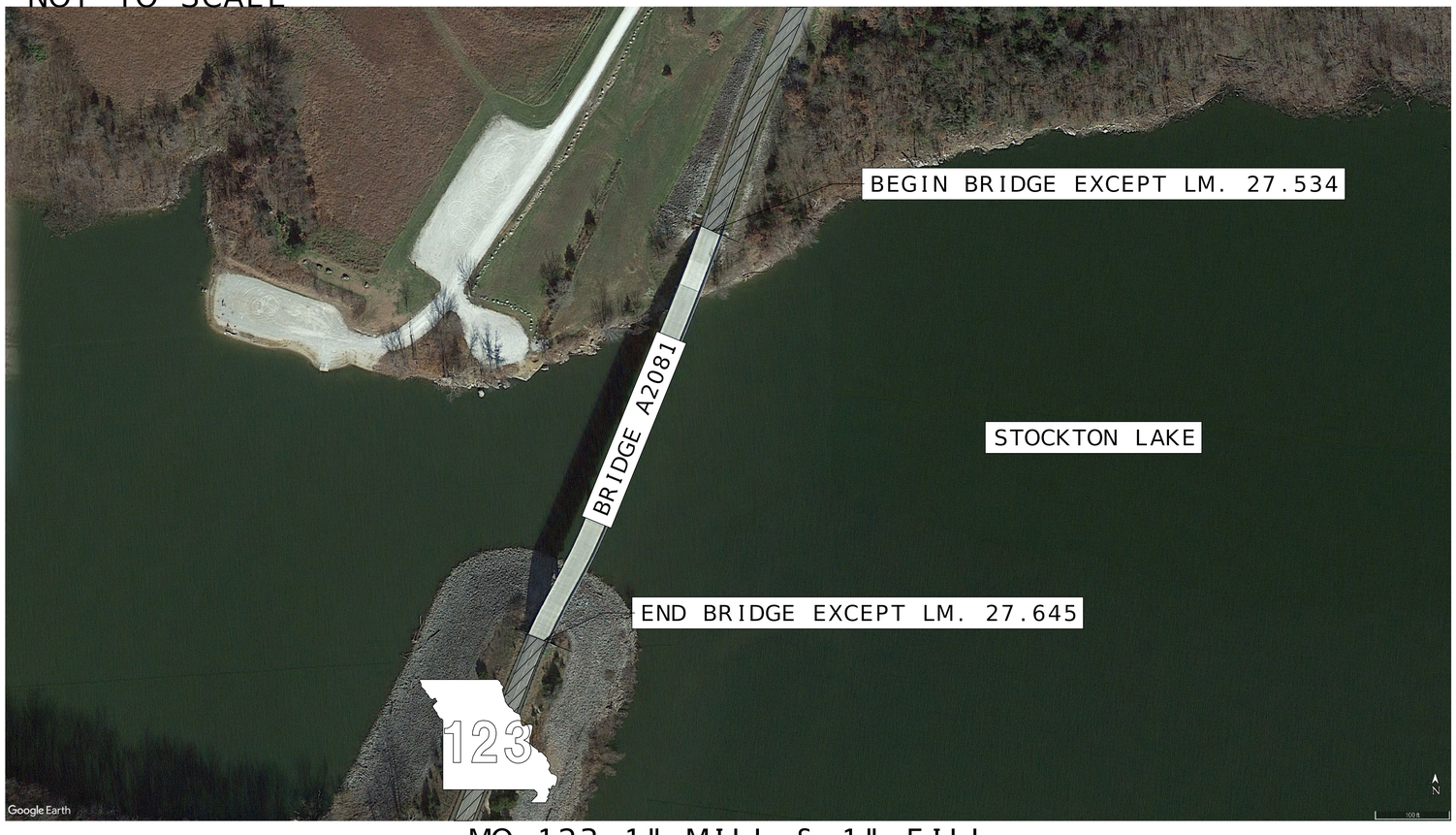
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

*NOT TO SCALE



MO-123 1" MILL & 1" FILL

1" MILL AND FILL

SPECIAL SHEETS
SHEET 4 OF 5

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

08-02-2026 9:43:04
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
123	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
POLK

JOB NO.
JSR0487

CONTRACT ID.

PROJECT NO.

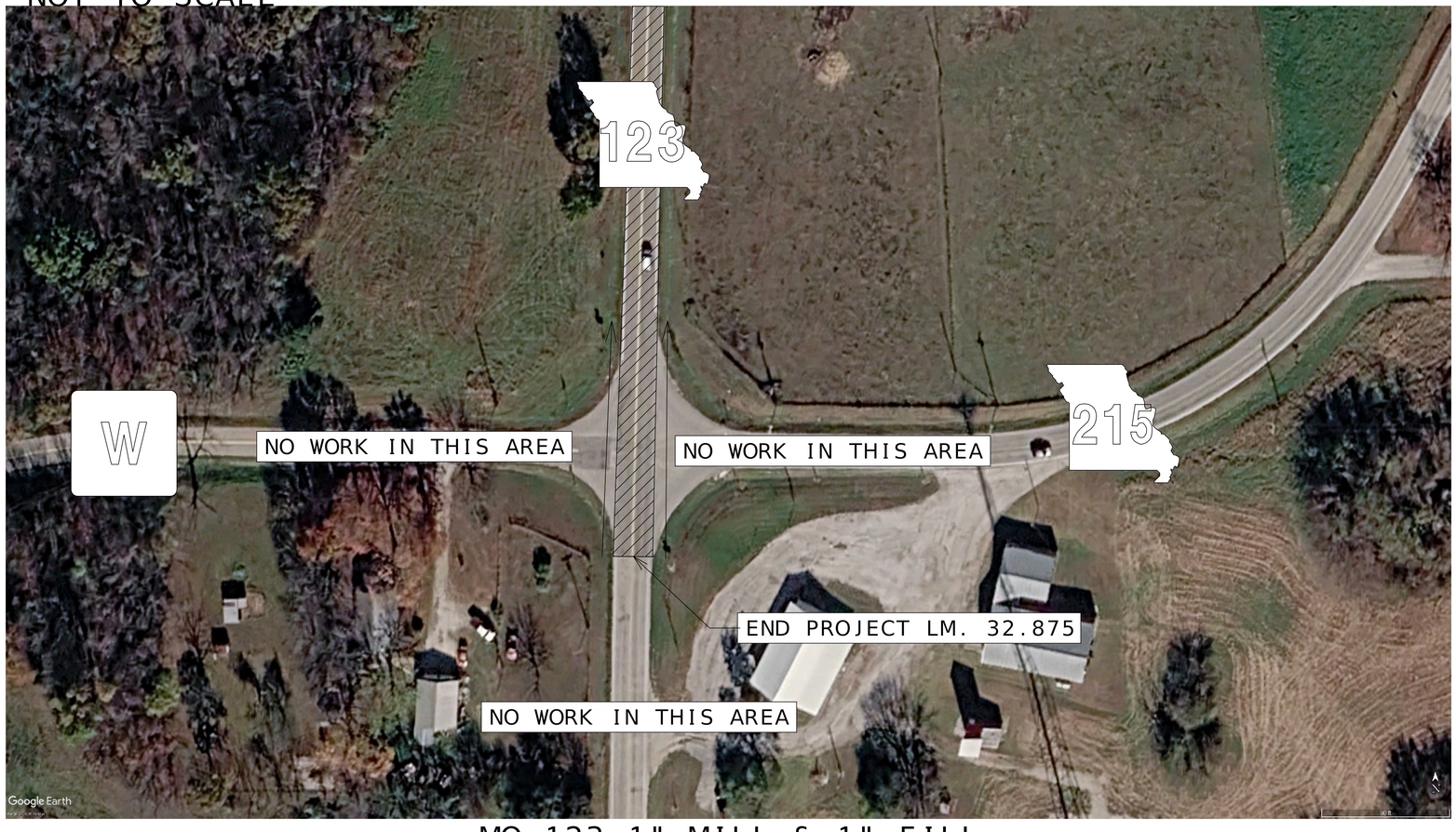
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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MO-123 1" MILL & 1" FILL

1" MILL AND FILL

SPECIAL SHEETS
SHEET 5 OF 5

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

08-03-2026 6:43:04
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
123	MO

DISTRICT	SHEET NO.
SW	8

COUNTY
POLK

JOB NO.
JSR0487

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

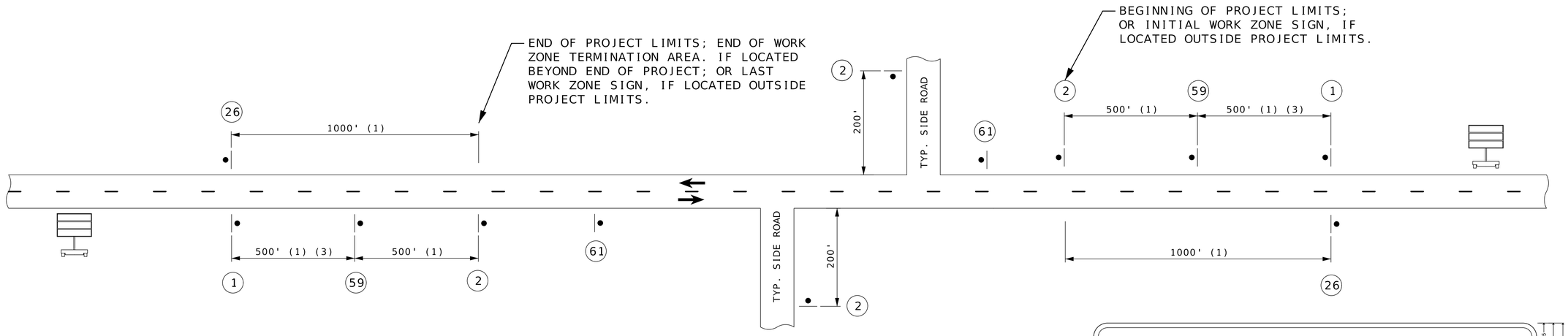
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GENERAL NOTES:

REVISED: 2/19/2026

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

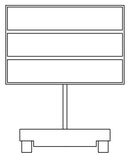
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

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

(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

(5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED

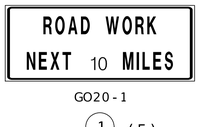


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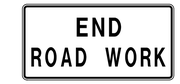
CONST-8

59 (3)



GO20-1

1 (5)



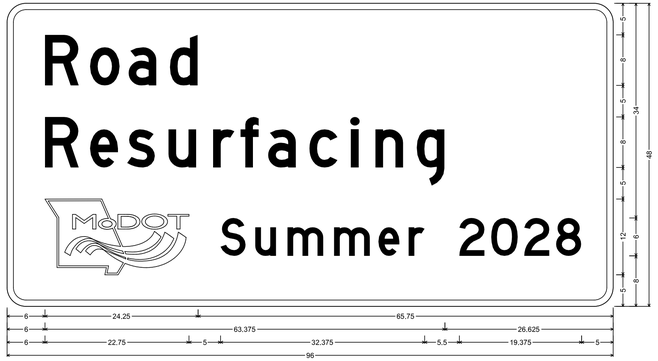
GO20-2

26 (5)



WO20-1

2

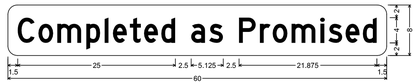


CONST-5 SH-FLAT SHEET;
3.000" Radius, 1.000" Border, White on, Green;
"Road", D; "Resurfacing", D; "Summer 2028", D 90% spacing;
Table of letter and object lefts

R 6.000	o 13.125	a 19.250	d 25.750
R 6.000	e 13.125	s 19.000	u 25.625	r 32.625	f 37.000	a 41.375	c 47.875	l 54.500	n 58.375	g 64.875
6.000	S 33.750	u 39.250	m 44.375	m 51.750	e 58.875	r 63.625	2 71.625	0 76.750	2 81.875	8 87.000

CONST-5-96

61 (2)



CONST-5P-60 SHF-FLAT SHEET FLUORESCENT;
1.500" Radius, No border, Yellow;
"Completed as Promised" Black, D 65% spacing;
Table of letter and object lefts

C 1.500	o 4.875	m 7.875	p 12.375	l 15.375	e 16.625	t 19.375	e 21.500	d 24.250	e 29.000	s 31.875	
P 36.625	r 39.875	o 41.875	m 44.875	l 49.500	s 50.750	e 53.500	d 56.250				

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER

08-xx-2026 9:43:04
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
123	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
POLK

JOB NO.
JSR0487

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)

REVISED: 2/19/2026



WO20-1

2



WO20-4

7



WO20-7a

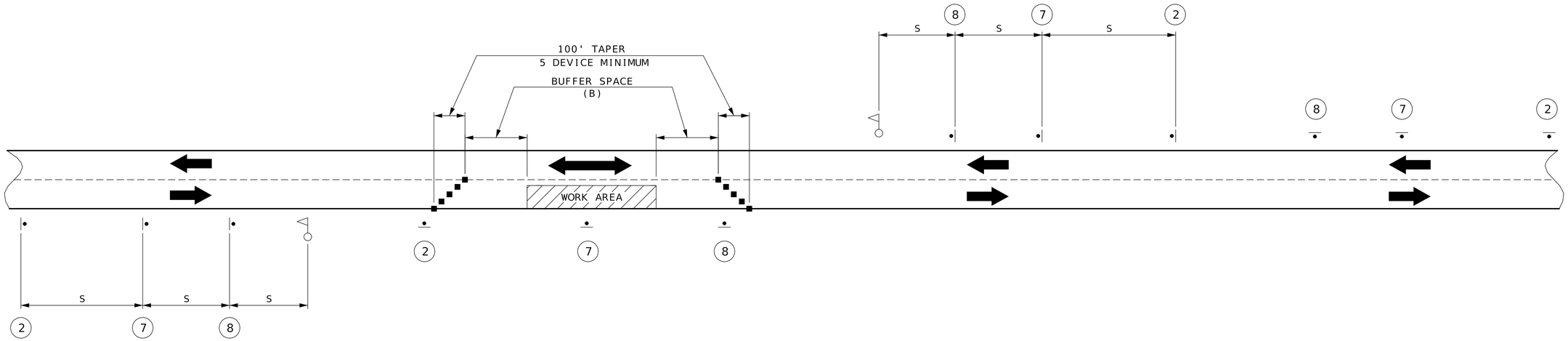
8



GO20-4

53

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

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

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

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

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT) (B)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

SPACING 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, AS APPROVED BY ENGINEER.

MOVING FLAGGER OPERATION
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

08-12-2026
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
123	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
POLK

JOB NO.
JSR0487

CONTRACT ID.

PROJECT NO.

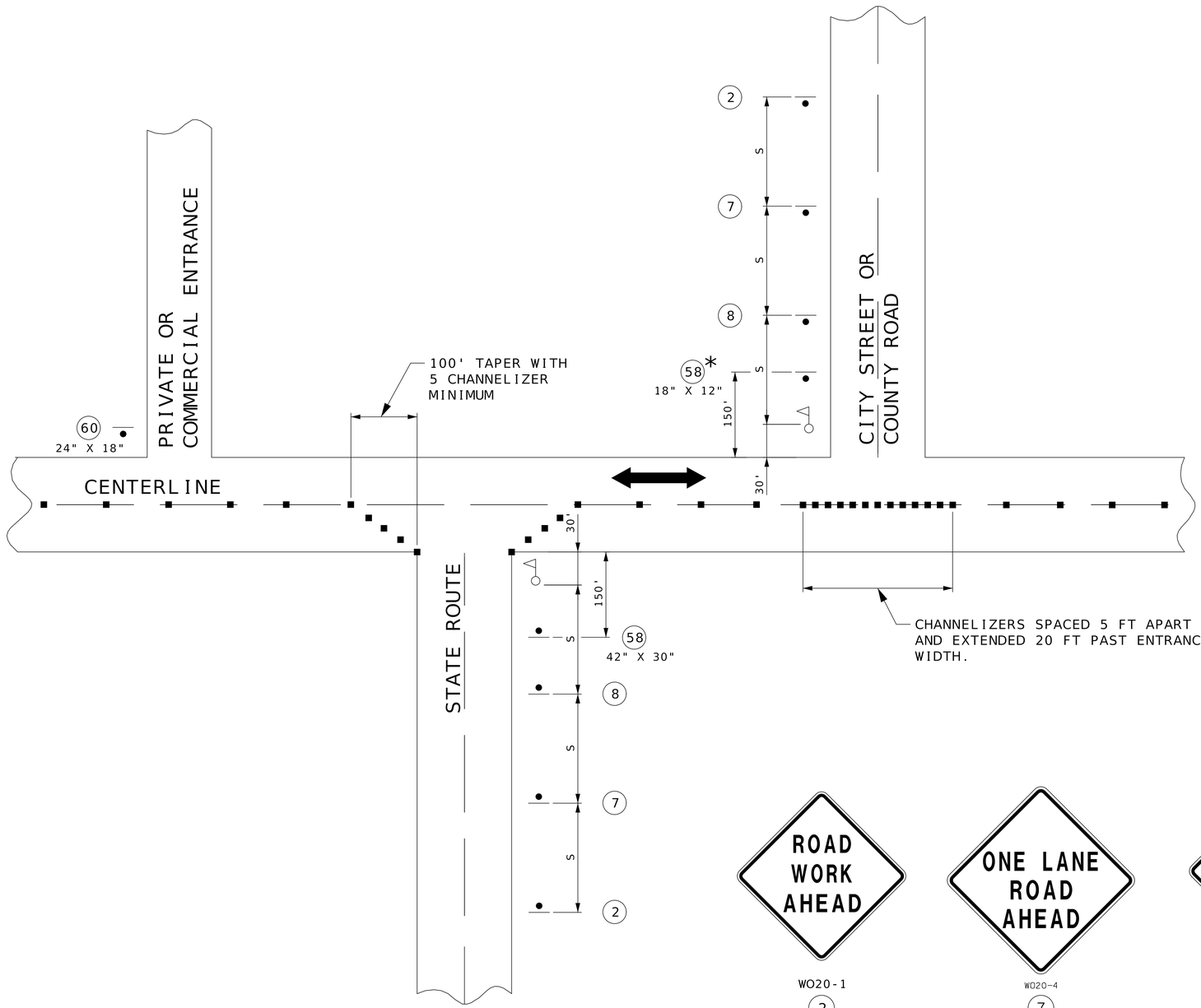
BRIDGE NO.

DESCRIPTION	DATE

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

REVISED: 2/19/2026

SIDE ROADS ENTERING WORK ZONES



SPEED	SIGN SPACING (FT.)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER WORK AREA
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

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.

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

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



GO20-4a
(58)

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).



24" X 18"
(60)

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

WO20-1
(2)

WO20-4
(7)



WO20-7a
(8)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 6



08-xx-2xx6 0.c.c:04
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
123	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
POLK

JOB NO.
JSR0487

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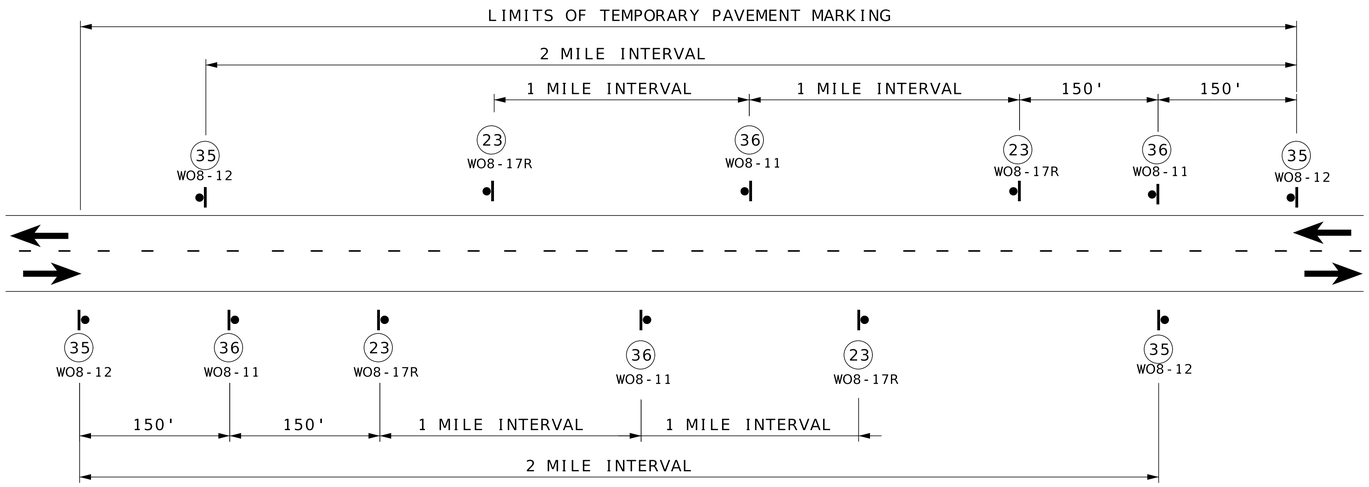
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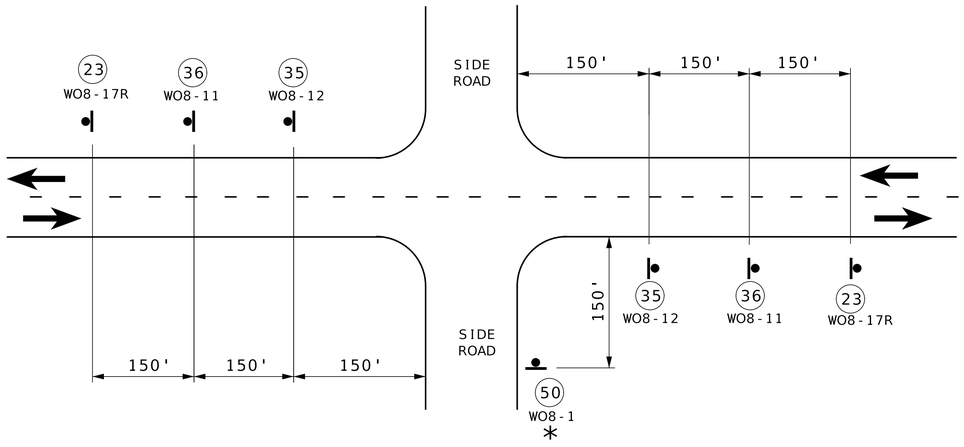
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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REVISED: 2/19/2026



SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.



SIGN SPACING AT STATE ROUTE INTERSECTIONS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.



WO8-17R
WO8-17p
(23)



WO8-1
(50) *



WO8-11
(36)



WO8-12
(35)

GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING 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-EIGHTH 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.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 6

STATE OF MISSOURI
CAMERON SOOY
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PROFESSIONAL ENGINEER

08-02-2026
CAMERON SOOY - CIVIL
MO-PE-2021019715

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6/29/2026

ROUTE	STATE
123	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
POLK

JOB NO.
JSR0487

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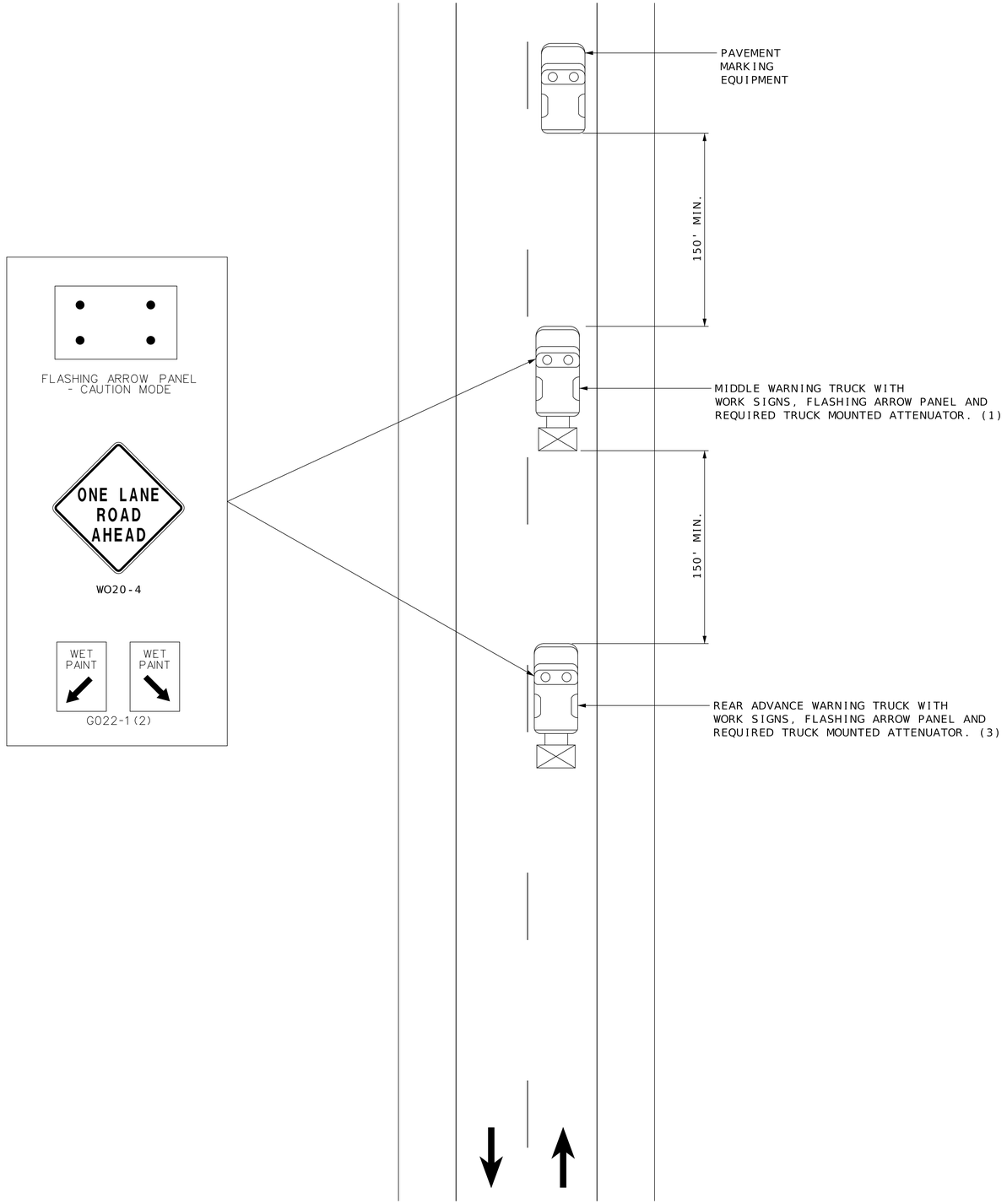
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PAVEMENT MARKING ON TWO-LANE HIGHWAY

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.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

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

(3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER

08-12-2026 9:43:05
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
123	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
POLK

JOB NO.
JSR0487

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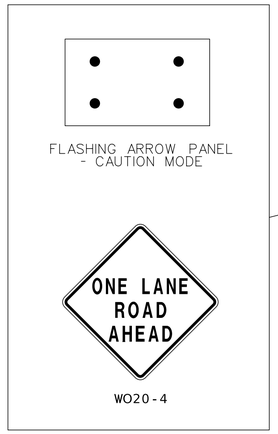
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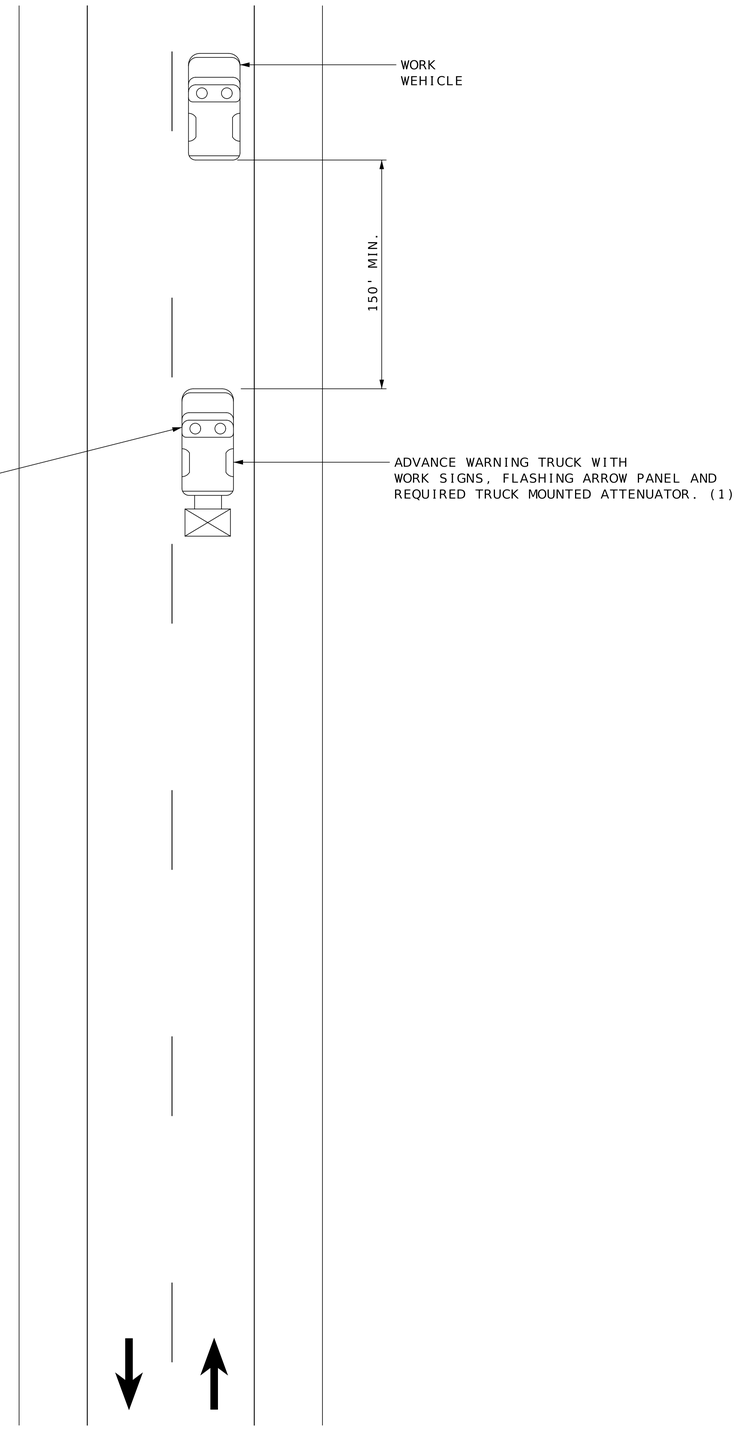
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026





MOBILE OPERATION ON TWO-LANE HIGHWAY

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 AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) ADVANCE WARNING TRUCK IS POSITIONED AT VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER

08-12-2026 6:42:05
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
123	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
POLK

JOB NO.
JSR0487

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)