

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

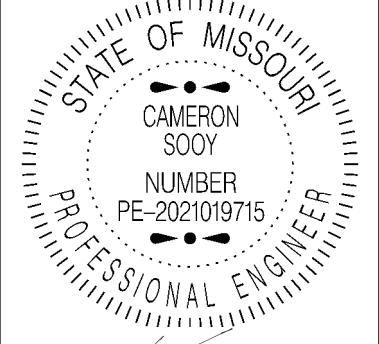
TEMPORARY PAVEMENT MARKING PAINT
1 LUMP SUM

ADJUSTING MANHOLE
5 EA

2 DELETED

MOBILIZATION
1 LUMP SUM

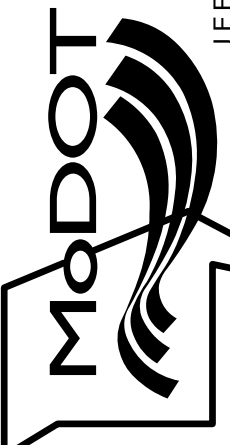
TYPE 5 AGGREGATE BASE AND REPAIRING EXISTING SUBGRADE										
ROUTE	LOG MILE	TO	LOG MILE	LOCATION	LENGTH FT	WIDTH FT	AREA SY	TYPE 5 AGGREGATE BASE SY	REPAIR EXISTING SUBGRADE CY	REMARKS
18	55.450	-	55.659	LT	1103.52	14.00	1716.59	1716.6	57.2	EB LANE
18	55.770	-	55.780	RT	52.80	14.00	82.13	82.1	2.7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



DATE PREPARED 8/27/2026	
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)

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

NO NEW R/W REQUIRED

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		DI
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

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0 ACRES
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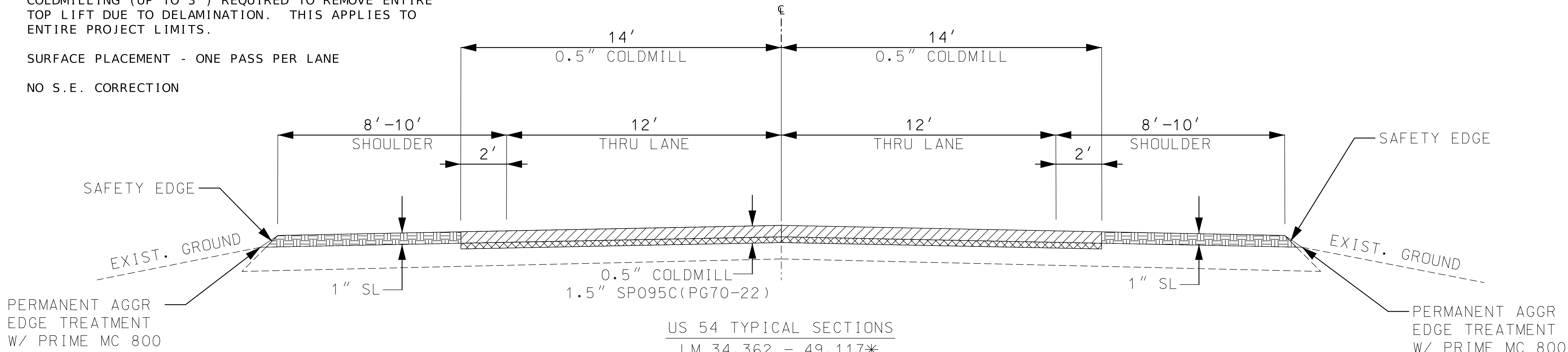
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

NOT TO SCALE

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

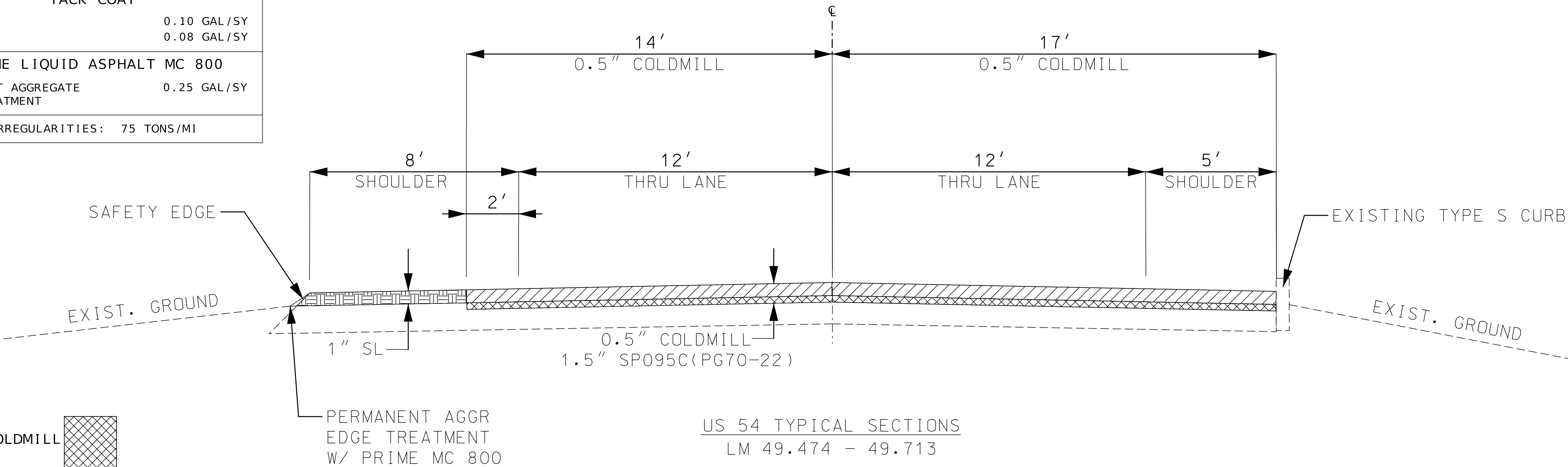


US 54 TYPICAL SECTIONS

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

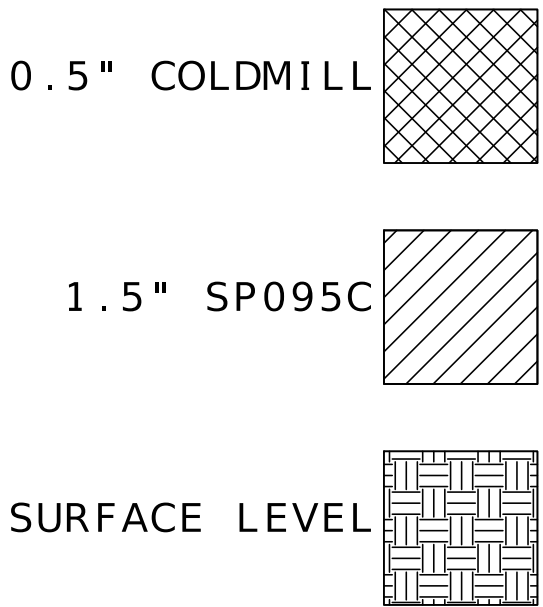
*EXCEPTIONS AT BRIDGE A4691 AND BRIDGE A5754

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	0.25 GAL/SY
EDGE TREATMENT	
IRREGULARITIES: 75 TONS/MI	



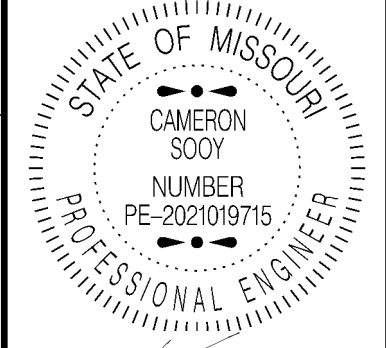
US 54 TYPICAL SECTIONS

LM 49.474 - 49.713



2 REVISED

TYPICAL SECTIONS
SHEET 1 OF 7



DATE PREPARED

8/31/2026

ROUTE 54 STATE MO

DISTRICT SW SHEET NO. 2

COUNTY

CEDAR/ST CLAIR

JOB NO.

JSR0033

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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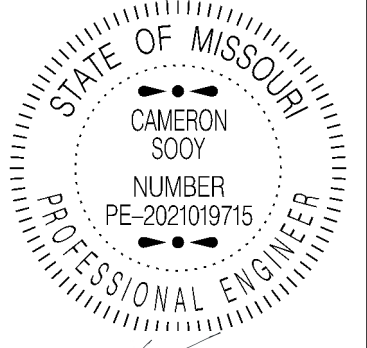
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NOT TO SCALE

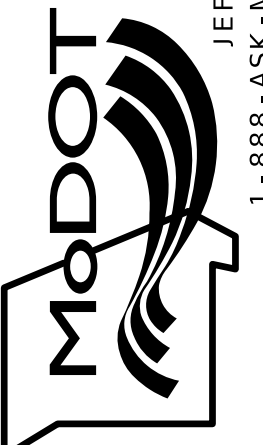


DATE PREPARED 8/31/2026	
ROUTE 54	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY CEDAR/ST. CLAIR	
JOB NO. JSR0033	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

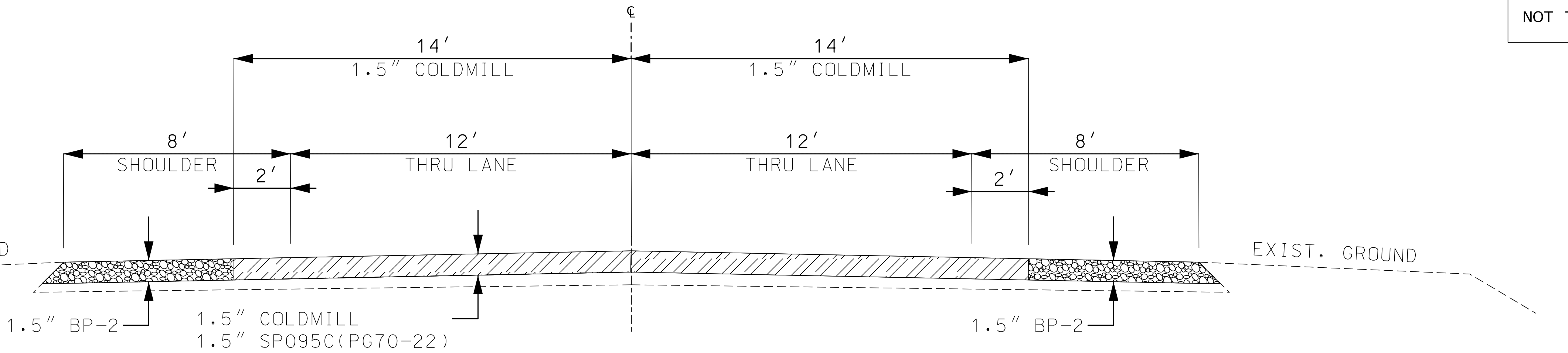
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



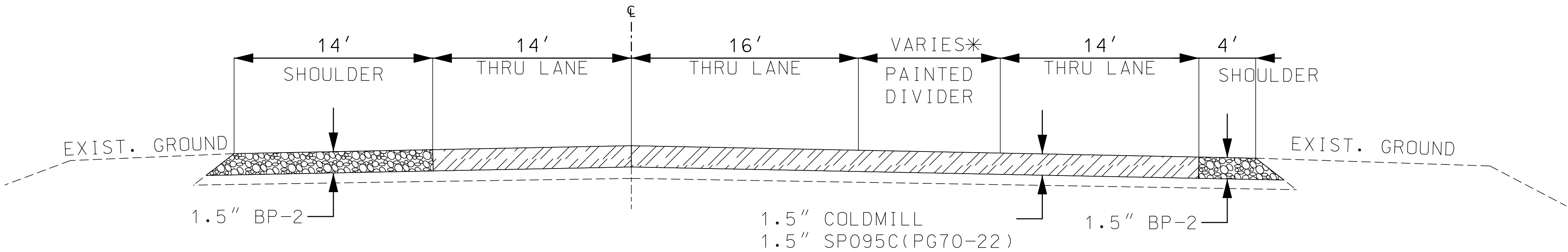
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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	0.25 GAL/SY
EDGE TREATMENT	
IRREGULARITIES: 75 TONS/MI	

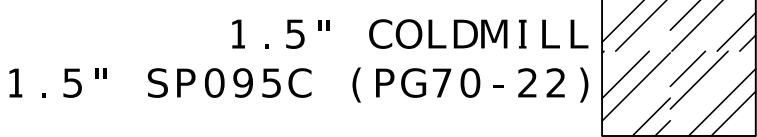
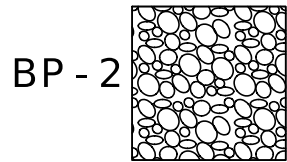
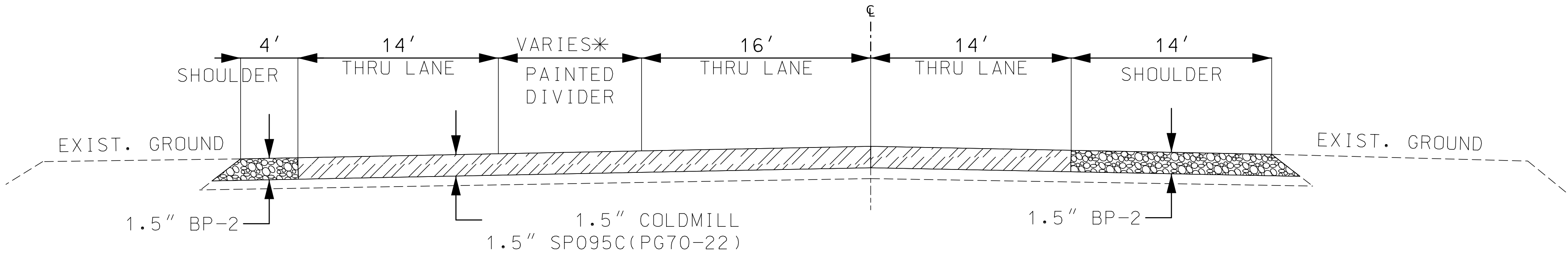
US 54 TYPICAL SECTIONS
LM 56.456 - 56.688



US 54 TYPICAL SECTIONS
LM 56.688 - 56.756



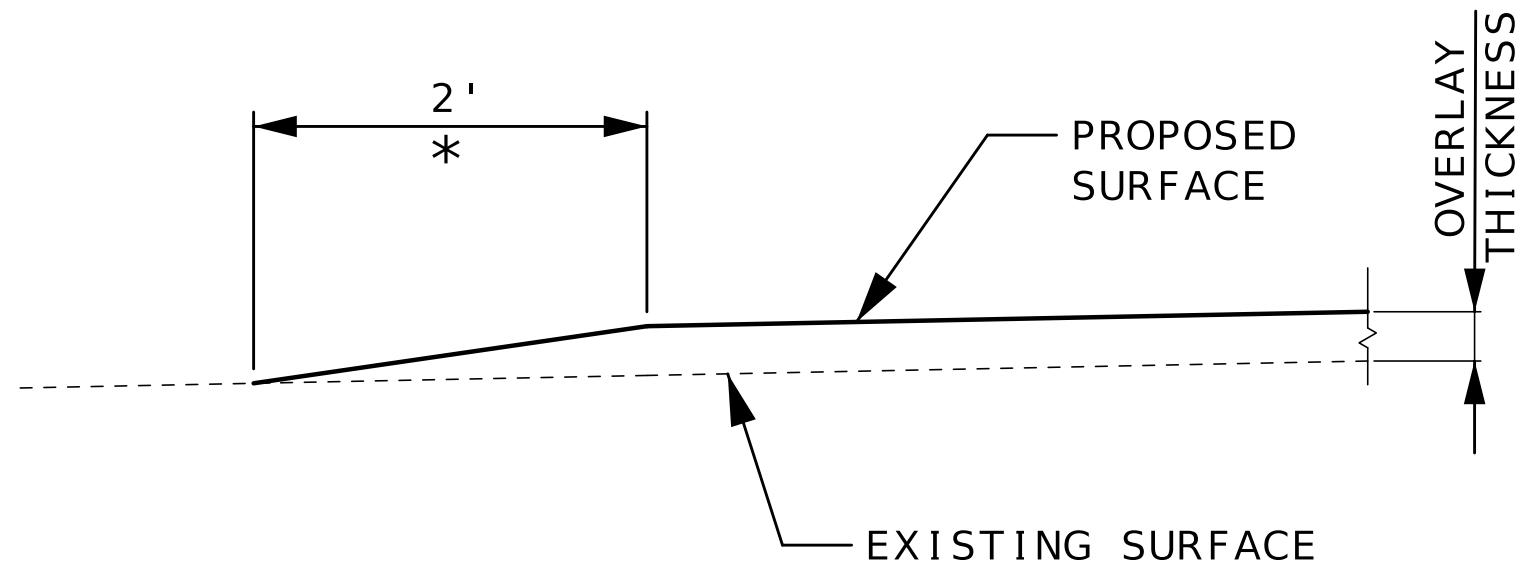
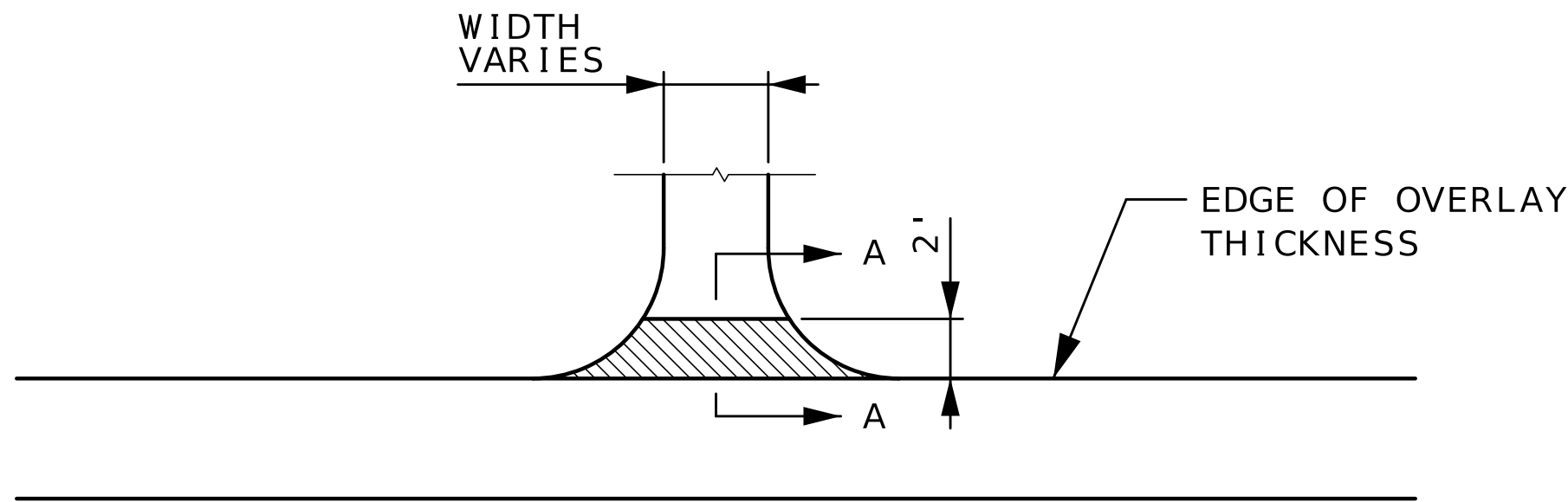
US 54 TYPICAL SECTIONS
LM 56.756 - 56.838



*PAINTED DIVIDERS VARY FROM 0'-10' WIDE

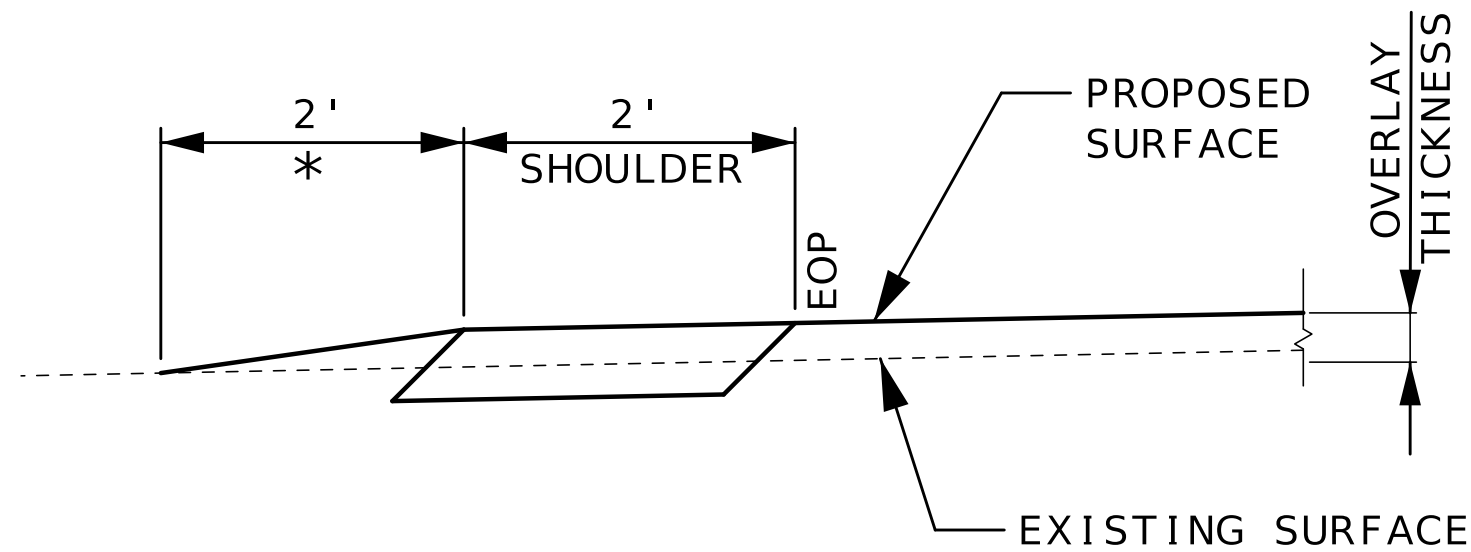
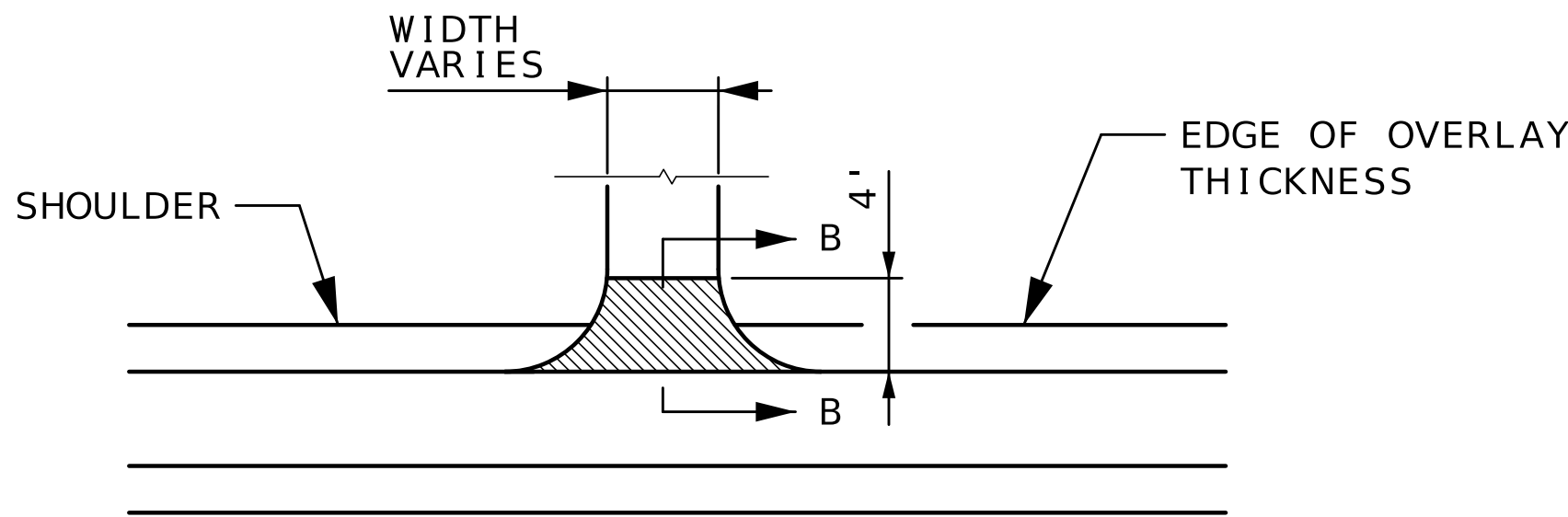
2 REVISED

TYPICAL SECTIONS
SHEET 2 OF 7

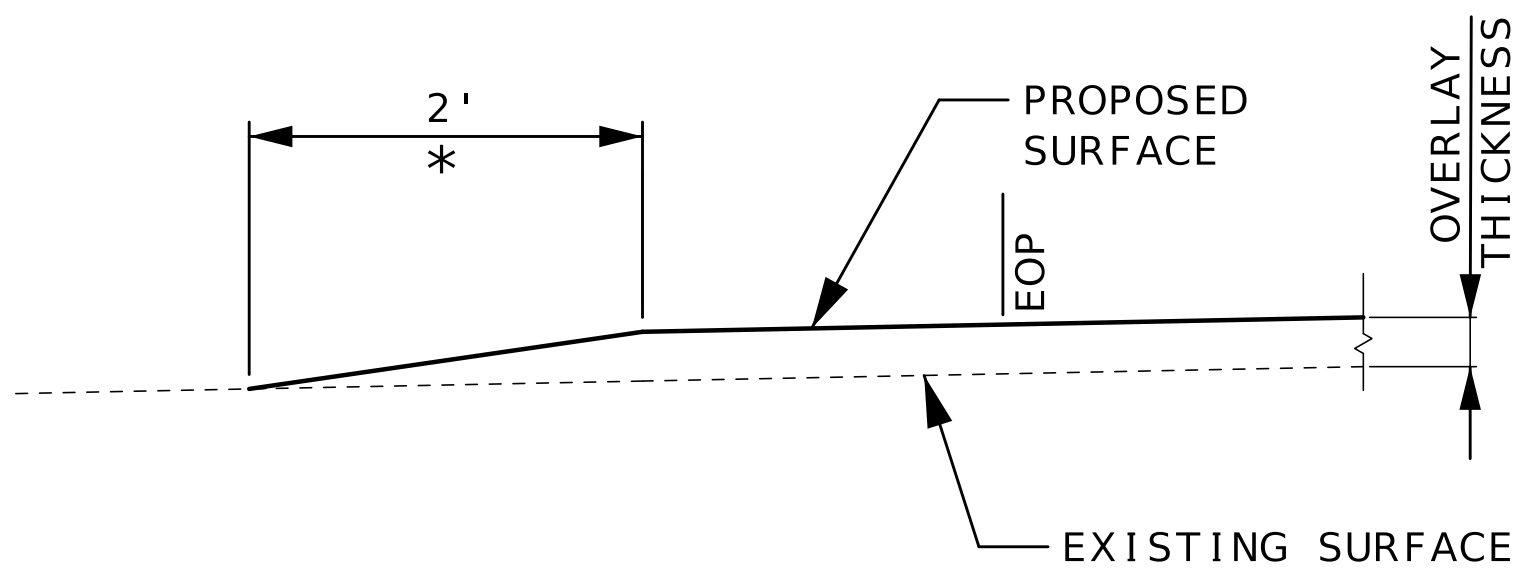


SECTION A-A
TYPICAL ENTRANCE - NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

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 .



DATE PREPARED 8/31/2026	
ROUTE 54	STATE MO
DISTRICT SW	SHEET NO. 2

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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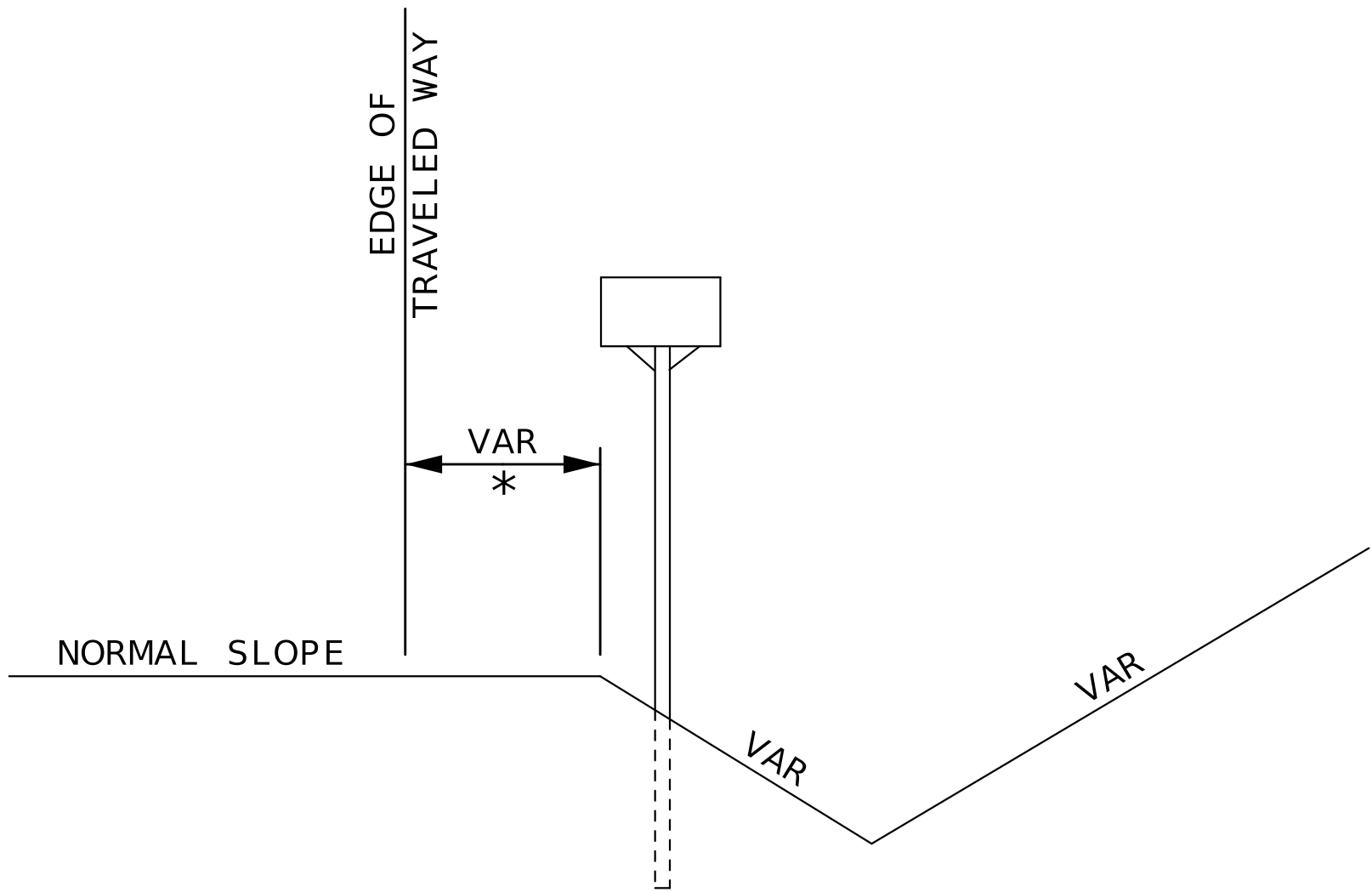
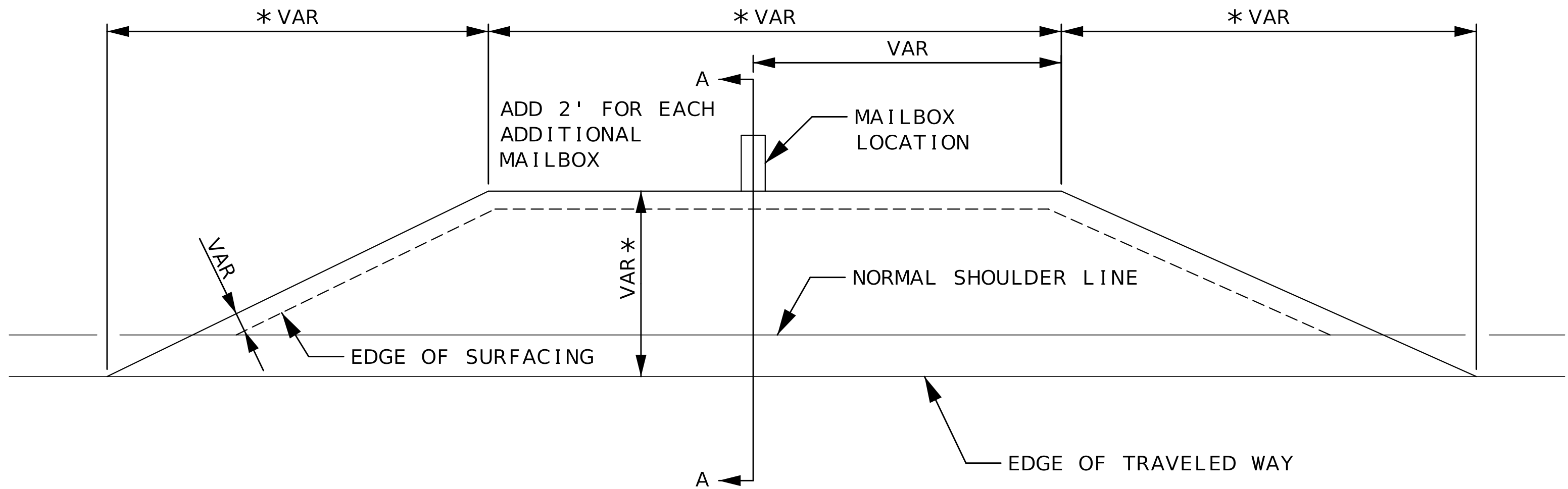
DATE

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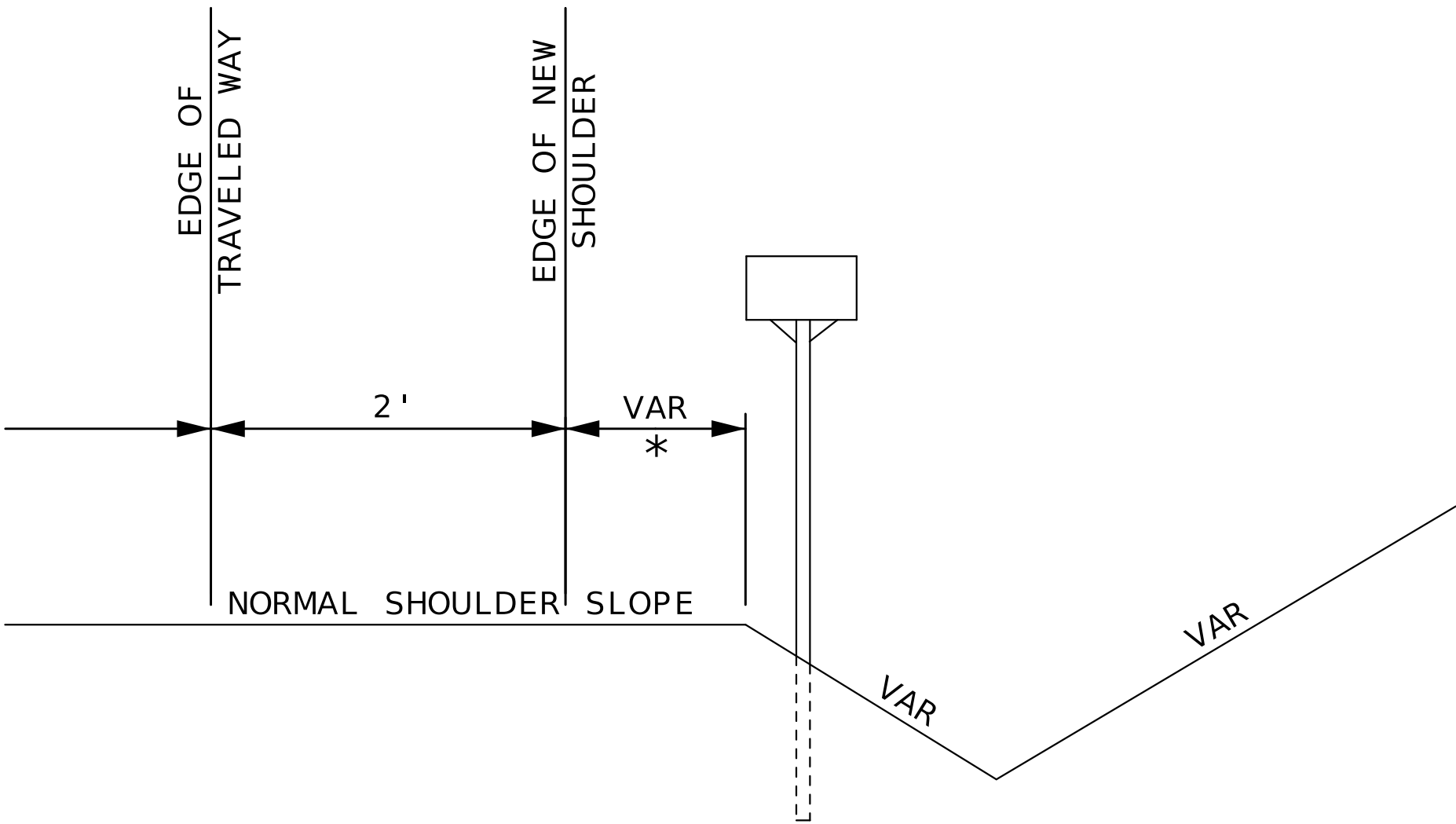
NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND 15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

TYPICAL MAILBOX TURNOUT

* AS APPROVED BY THE ENGINEER



SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER



REVISED

STATE OF MISSOURI

CAMERON SOOY

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER

009-54-2026-43-05-46

CAMERON SOOY - CIVIL

MO-PE-2021019715

DATE PREPARED

8/31/2026

ROUTE

54

STATE

MO

DISTRICT

SW

SHEET NO.

2

COUNTY

CEDAR / ST. CLAIR

JOB NO.

JSR0033

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

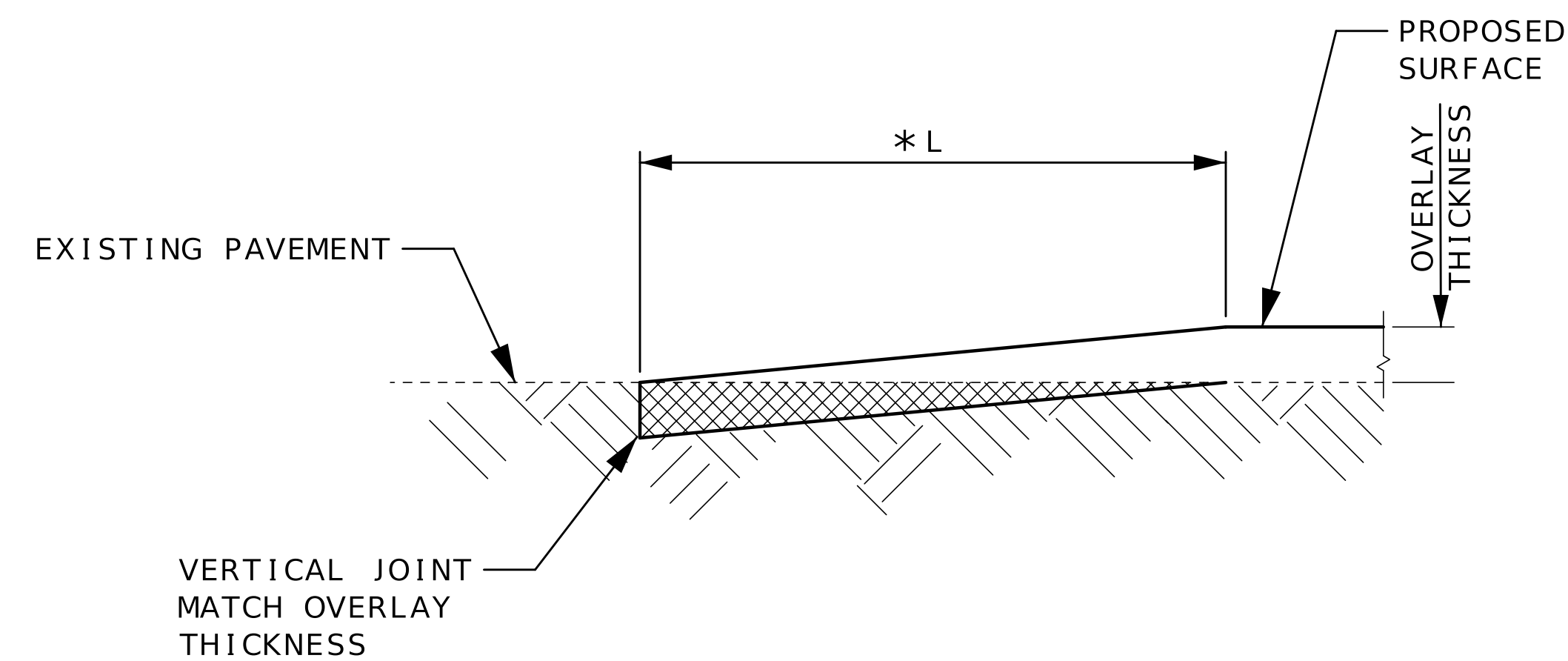
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

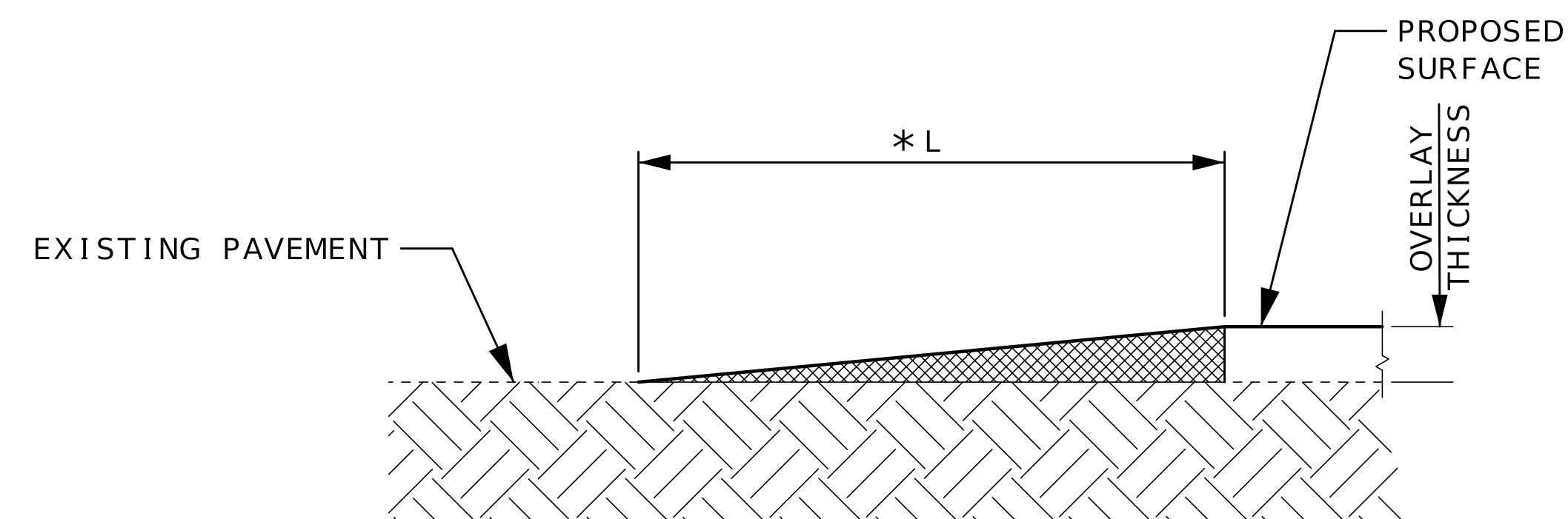
JEFFERSON CITY, MO 65102

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



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

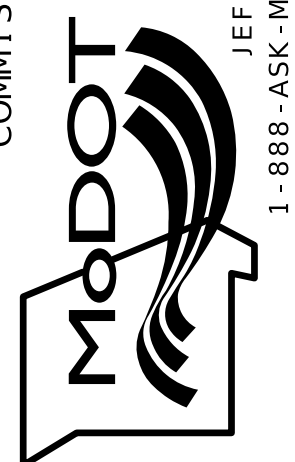
OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 1/2"	40.0'
1 3/4"	50.0'
2"	60.0'



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

2 REVISED

TYPICAL SECTIONS
SHEET 6 OF 7

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

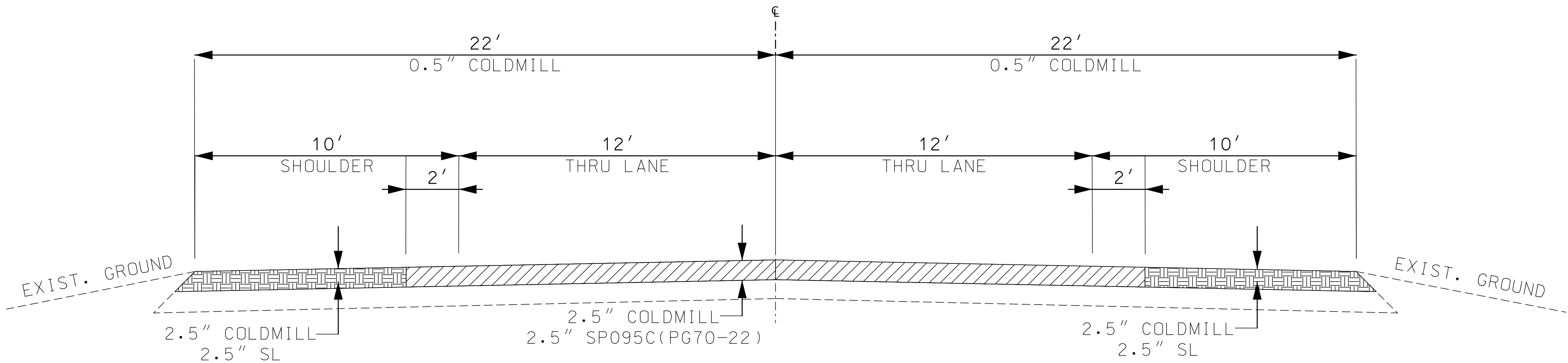
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

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 49.113 - 49.117
LM 49.203 - 49.207
* REMOVE TOP TWO LIFTS OF EXISTING PAVEMENT

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	0.25 GAL/SY
EDGE TREATMENT	
IRREGULARITIES: 75 TONS/MI	

1.5" SP095C

SURFACE LEVEL

STATE OF MISSOURI

CAMERON

SOOY

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER

00914-2406 43 us 46

CAMERON SOOY - CIVIL

MO-PE-2021019715

DATE PREPARED

8/27/2026

ROUTE

54

STATE

MO

DISTRICT

SW

SHEET NO.

2

COUNTY

CEDAR/ST. CLAIR

JOB NO.

JSR0033

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)

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	WIDTH	DEPTH	PERM. EROSION CONTROL GEOTEXTILE	FURNISHING ROCK BLANKET	PLACING ROCK BLANKET	REMARKS
	FT	FT	FT	SY	CY	CY	
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	AVERAGE WIDTH	MEASURED AREA	MODIFIED DEPTH TRANSITION	FULL DEPTH COLDMILL 0.5"	FULL DEPTH COLDMILL 1.5"	FULL DEPTH COLDMILL 2.5"	REMARKS
			LF	LF	SF	SY	SY	SY	SY	
54	34.362	49.113	77885.3	28.0	8800.0	977.8	242309.8			BEGIN PROJ TO BRIDGE A4691 EXCEPT
54	49.113	49.117	20.0	44.0				97.8		BRIDGE A4691 APPROACH
54	49.203	49.207	20.0	44.0				97.8		BRIDGE A4691 APPROACH
54	49.207	49.474	1409.8	28.0	8800.0	977.8	4386.0			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						3200.0	403366.7	8059.7	195.6	
USE						3200	411622			

ASPHALT, TACK											
LT/RT OFFSET	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	SHOULDER WIDTH	SP095C	BP -2	SL	TACK		REMARKS
						1.50"	1.50"	1.00"			
						1.980 TONS/CY	1.985 TONS/CY	1.975 TONS/CY	0.10	0.08	
						LF	LF	LF	TONS	TONS	
CL	34.362	49.117	77906.4	28.0	12.0	20004.6		5703.6	24247.3	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	375.9		144.5	455.0	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						36032.3	239.5	12337.1	56310.3		
USE						36032.3	239.5	12337.1	56311		

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

2 REVISED

2 REVISED

2 REVISED

2 REVISED

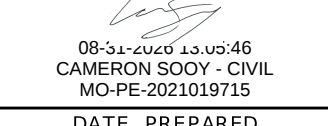
STATE OF MISSOURI

CAMERON SOOY

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER



0891-2469 1310346
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
8/27/2026

ROUTE
54

STATE
MO

DISTRICT
SW

SHEET NO.
3

COUNTY
CEDAR/ST. CLAIR

JOB NO.
JSR0033

CONTRACT ID.

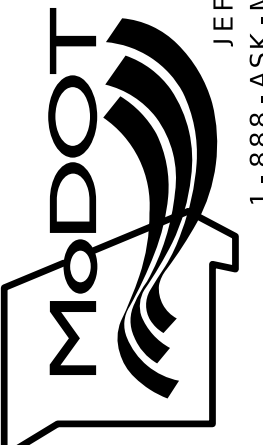
PROJECT NO.

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	AGGREGATE 200 TON/MILE*	PRIME MC 800 590 GAL/MILE*
				MILES	TON	GAL
54	34.362	-	49.117	14.755	2951.0	8705
54	49.203	-	49.474	0.271	54.2	160
54	49.474	-	49.713	0.239	23.9	71
54	49.713	-	56.456	6.743	1348.6	3978
54	56.838	-	57.512	0.674	134.8	398
54	57.572	-	59.428	1.856	371.2	1095
TOTALS					2951.0	8705
				*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY		

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

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

EDGELINE BITUMINOUS RUMBLE STRIP			
LOG MILE	LOG MILE	RT LENGTH	LT LENGTH
		FT	FT
35.005	40.790	30544.8	30544.8
40.790	40.861		
40.861	44.130	17260.3	17260.3
44.130	44.187		301.0
44.187	45.885	8965.4	8965.4
45.885	45.929	232.3	
45.929	49.117	16832.6	16832.6
49.117	49.203		
49.203	50.070	4577.8	4577.8
50.070	50.111	216.5	
50.111	51.663	8194.6	8194.6
51.663	51.708		237.6
51.708	53.810	11098.6	11098.6
53.810	53.860		264.0
53.860	56.456	13706.9	13706.9
56.456	57.205		
57.205	57.512	1621.0	1621.0
57.512	57.572		
57.572	59.428	9799.7	9799.7
-	-	-70380.0	-
		176074.8	
			FT
		1760.70	STA

SLAB JACKING MATERIAL HIGH DENSITY POLYURETHANE			
LOG MILE	LOCATION BR #	SLAB JACKING	REMARKS
		(LB)	
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	

CENTERLINE BITUMINOUS RUMBLE STRIP			
LOG MILE	LOG MILE	CL LENGTH	REMARKS
		FT	
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	

2 DELETED

2 REVISED

STATE OF MISSOURI
CAMERON SOOY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

089-91-2409-13-2-233
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
8/31/2026

ROUTE
54

STATE
MO

DISTRICT
SW

SHEET NO.
3

COUNTY
CEDAR/ST CLAIR

JOB NO.
JSR0033

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

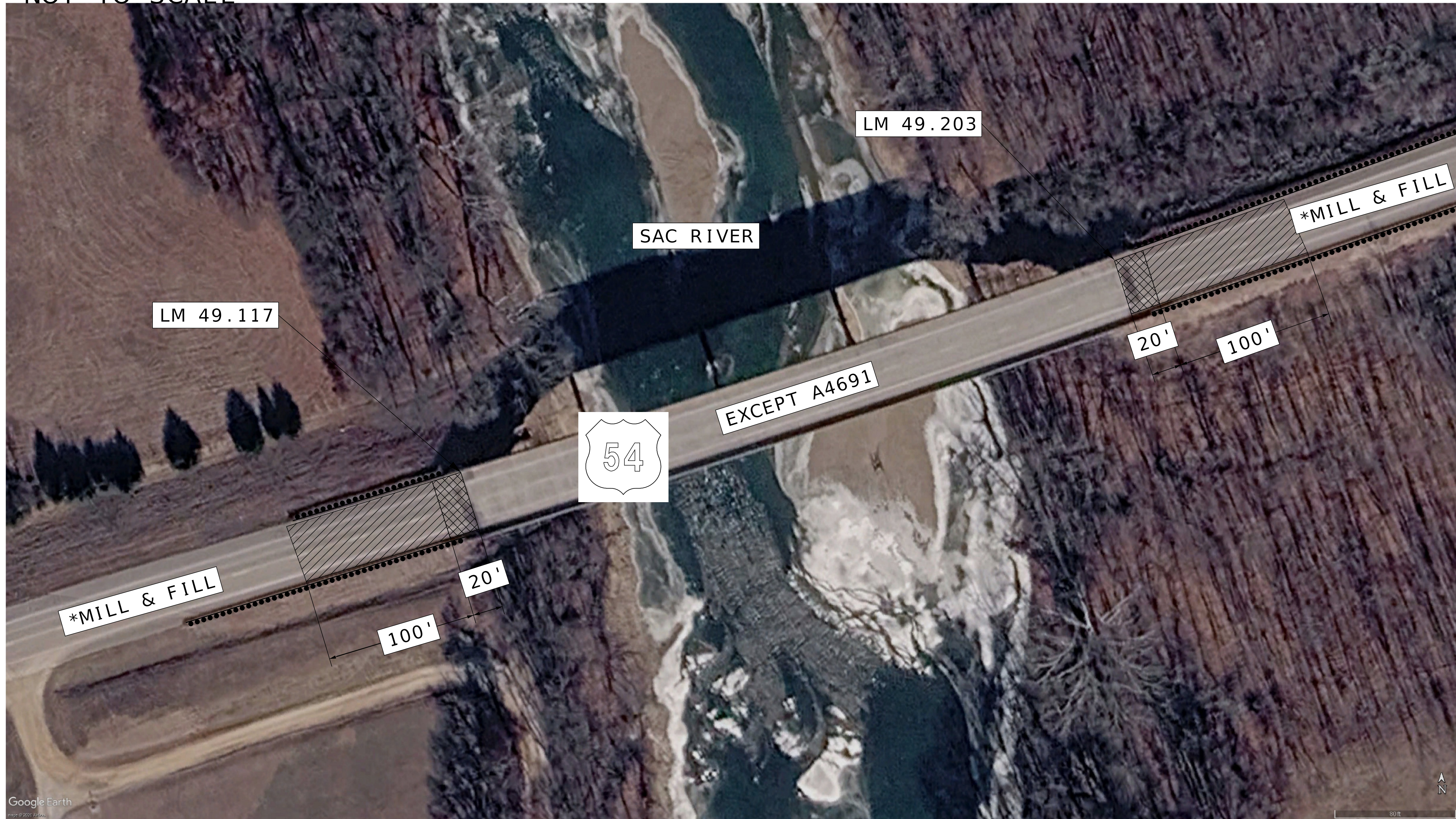
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

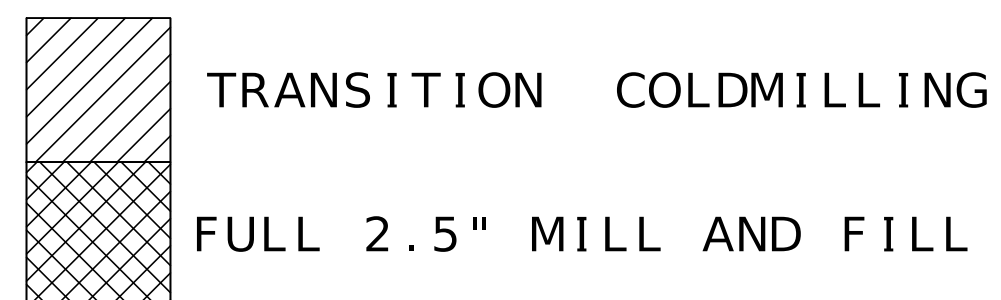
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

*NOT TO SCALE

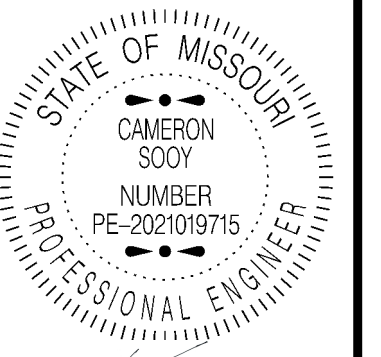


RTE 54 0.5" COLDMILL, 1.5" SP095C FILL, 1" SURFACE LEVEL ON SHOULDERS



2 REVISED

2 REVISED
SPECIAL SHEETS
SHEET 5 OF 9

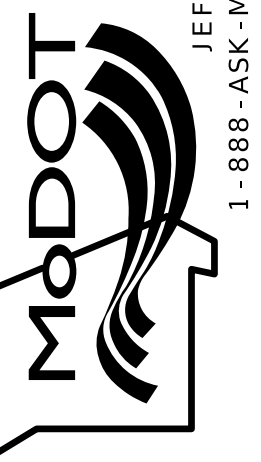


DATE PREPARED
8/27/2026
ROUTE 54 STATE MO
DISTRICT SW SHEET NO. 8
COUNTY
CEDAR/ST CLAIR
JOB NO.
JSR0033
CONTRACT ID.

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)



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

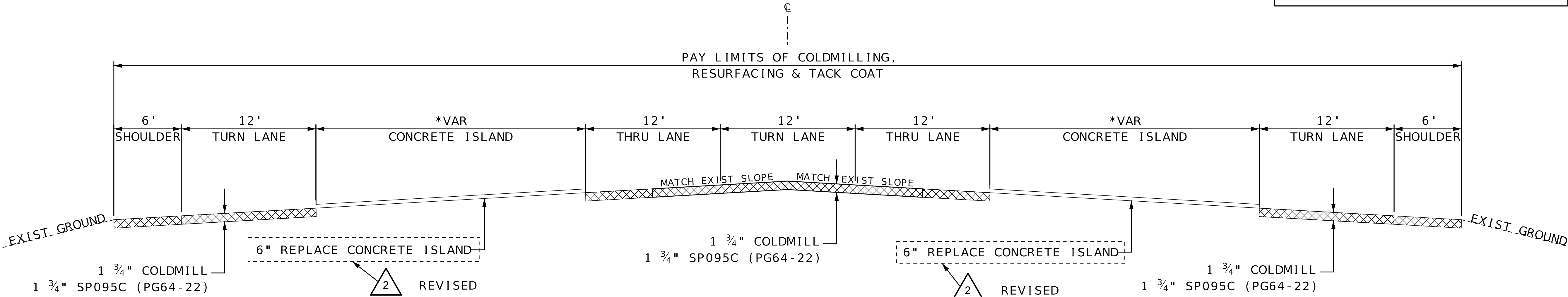
REVISED: 8/26/2024

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

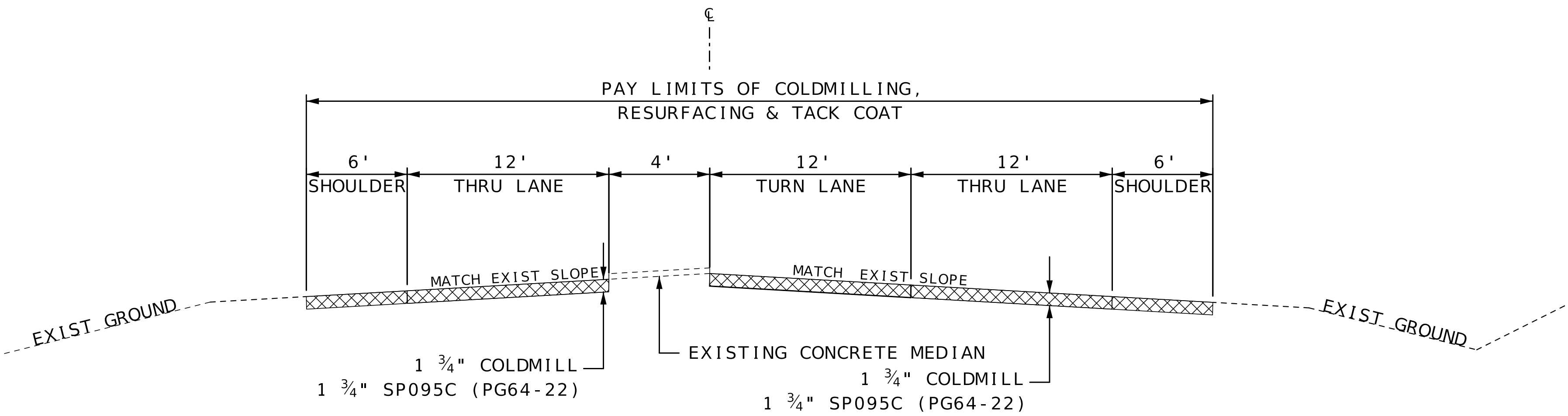
NO S.E. CORRECTION

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



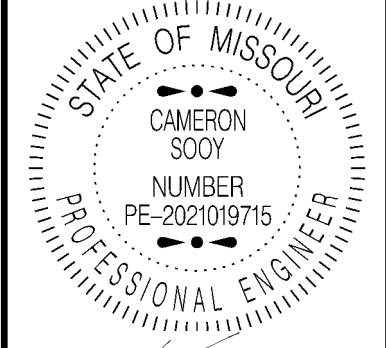
*CONCRETE ISLAND VARIES FROM 0'-36'

ROUTE MO-32
LOG MILE 0.000 TO LOG MILE 0.013



ROUTE MO-32
LOG MILE 0.013 TO LOG MILE 0.047

2 REVISED



DATE PREPARED 8/27/2026	
ROUTE 32	STATE MO
DISTRICT SW	SHEET NO. 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	TACK	REMARKS
						1.75"		
						1.970 TONS/CY	0.10	
			LF	LF	SF	TONS	GAL	
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	WATERBORNE PAINT, CLASS 2 BEADS	PREFORMED THERMOPLASTIC			REMARKS
			4" SOLID YELLOW	4" SOLID WHITE	24" WHITE	24" YELLOW	LEFT/RIGHT ARROW	
			LF	LF	LF	LF	EACH	
0.002	0.012	LT/RT			12.0			BEGIN MO-32
0.012	0.046	LT/RT			12.0		2.0	3 LANE
0.046	0.100	LT/RT	360.0	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

2 REVISED

2 REVISED

SUMMARY OF QUANTITIES
SHEET 1 OF 2

STATE OF MISSOURI

CAMERON

SOOY

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER

DATE PREPARED

8/31/2026

ROUTE

32

DISTRICT

SW

STATE

MO

SHEET NO.

3

COUNTY

CEDAR

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)