DESIGN DESIGNATION

A.A.D.T. - 2026 = 14,428
A.A.D.T. - 2036 = 18,346
D.H.V. = 7.70%
T = 31.56%
V = 70 M.P.H.
D (N/S) = 49.9%/50.1%
FUNCTIONAL CLASSIFICATION - INTERSTATE

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	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	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

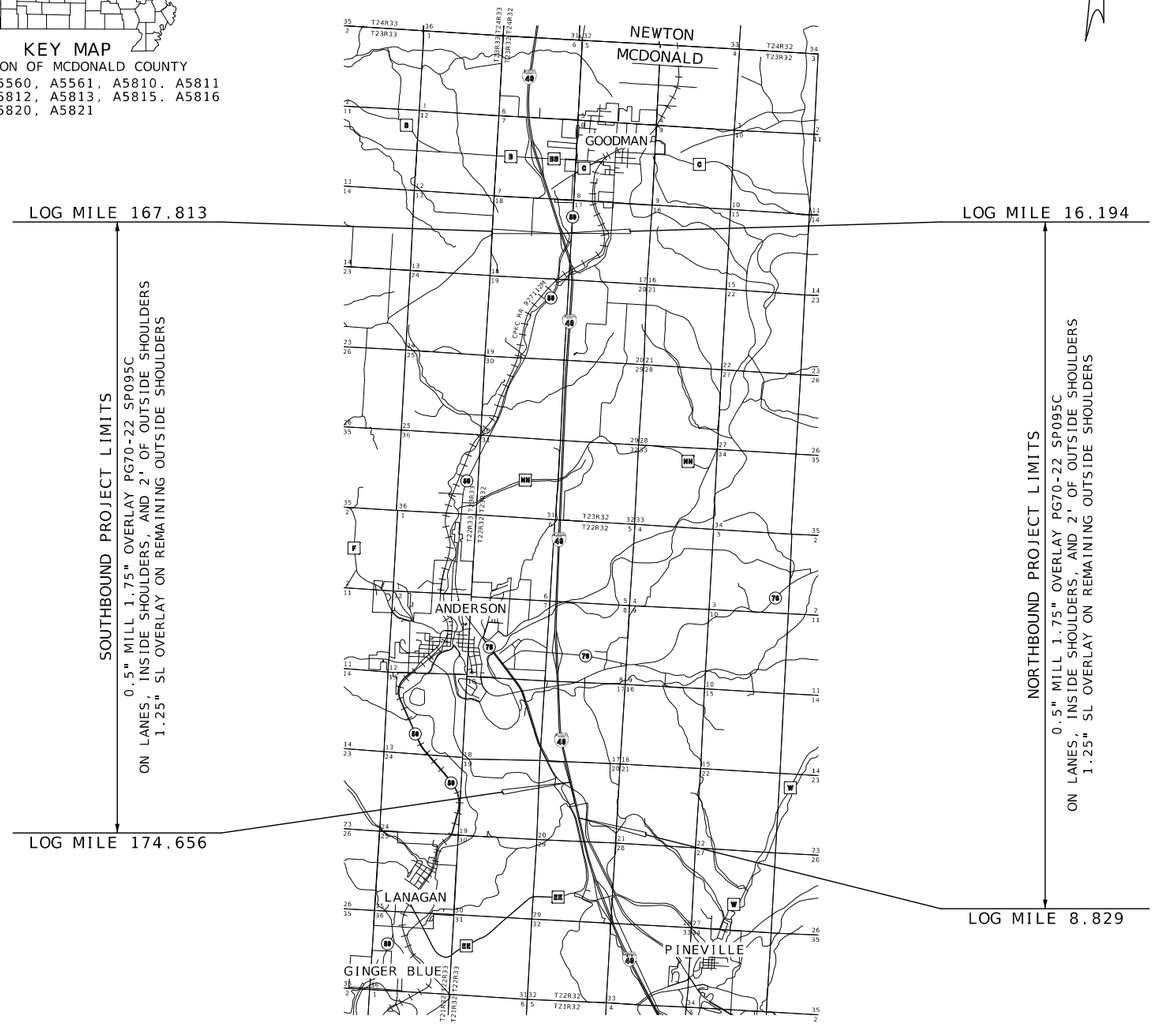
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY



KEY MAP
LOCATION OF MCDONALD COUNTY
BRIDGES-A5560, A5561, A5810. A5811
A5812, A5813, A5815. A5816
A5820, A5821

MCDONALD 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) (4 SHEETS)	2
QUANTITIES (QU) (4 SHEETS)	3
SPECIAL SHEETS (SS)	4-18
TRAFFIC CONTROL SHEETS (TC)	19-26
BRIDGE DRAWINGS (B)	
A55601	1
A55611	1
A58151	1
A58161	1

LENGTH OF PROJECT
LOG MILES FROM 2025 ARAN

NORTHBOUND:

BEGINNING OF PROJECT L.M. 8.829
END OF PROJECT L.M. 16.194

APPARENT LENGTH 38,887.20 FEET

NB BRIDGE EXCEPTIONS:

A5820 LM. 10.475 TO 10.575 = 0.100 MILES
A5812 LM. 11.460 TO 11.625 = 0.165 MILES
A5810 LM. 13.108 TO 13.188 = 0.080 MILES

NB EXCEPTION LENGTH: 1,821.60 FEET
TOTAL NB LENGTH: 37,065.60 FEET

SOUTHBOUND:

BEGINNING OF PROJECT L.M. 167.813
END OF PROJECT L.M. 174.656

APPARENT LENGTH 36,131.04 FEET

SB BRIDGE EXCEPTIONS:

A5811 LM. 170.815 TO 170.895 = 0.080 MILES
A5813 LM. 172.385 TO 172.550 = 0.165 MILES
A5821 LM. 173.425 TO 173.525 = 0.100 MILES

SB EXCEPTION LENGTH: 1,821.60 FEET
TOTAL SB LENGTH: 34,309.44 FEET

NET LENGTH OF PROJECT 71,375.040 FEET
STATE LENGTH 13.518 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0.00 ACRES

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:07:20 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
I-49	MO

DISTRICT	SHEET NO.
SW	1

COUNTY
MCDONALD

JOB NO.
JSR0016

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

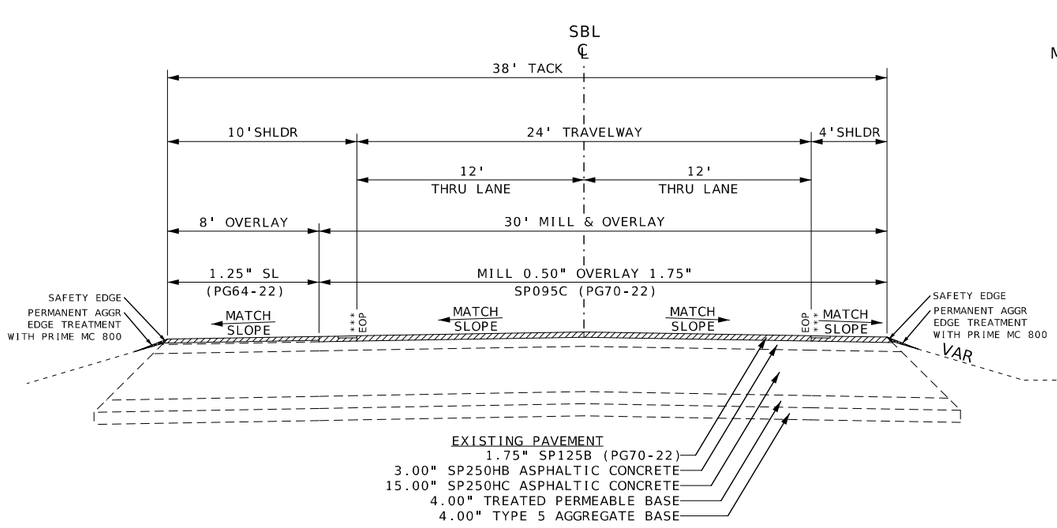
NO S.E. CORRECTION

LM LIMITS AND WIDTHS OF HFST:
SB LM 167.813 TO SB LM 168.470
NB LM 15.525 TO NB LM 16.194
38' WIDE (LANES AND SHOULDERS) ON BRIDGE DECKS,
BRIDGE APPROACH SLABS, AND CONCRETE APPROACH PAVEMENTS
24' WIDE (LANES ONLY) IN ROADWAY SEGMENTS

*** USE STANDARD RUMBLE STRIP LOCATION ALONG EDGE OF TRAVELWAY IN RURAL LOCATIONS
OFFSET RUMBLE STRIP 1' TO THE OUTSIDE OF PAVEMENT STRIPE WITHIN CITY LIMITS.

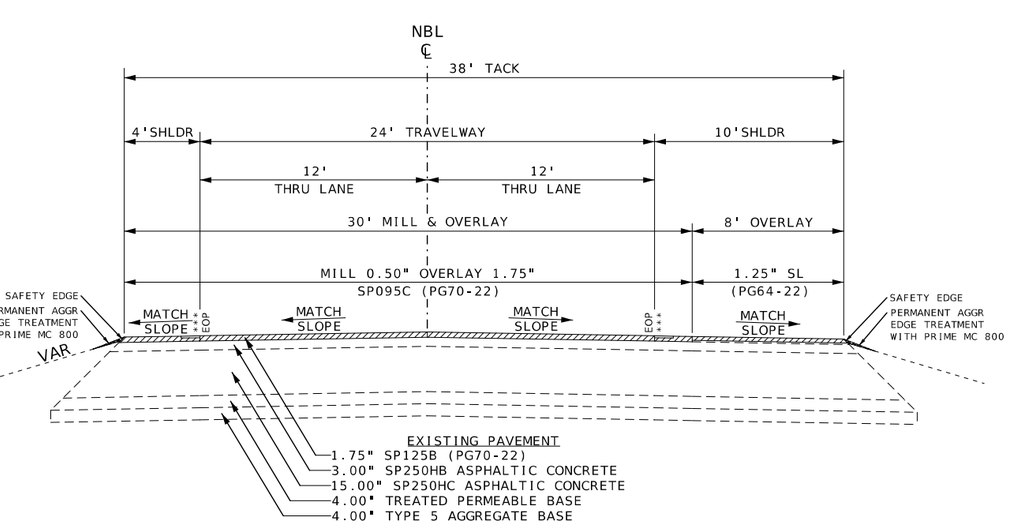
* 100' 1.75" MILL & FILL SECTION

ASPHALT FACTORS	COMBINED FACTOR
SP095C (PG70-22)	1.950 TONS/CY
SL (PG64-22)	1.960 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
COLDMILL	0.10 GAL/SY
PERMANENT AGGREGATE EDGE TREATMENT	
AGGREGATE	200 TON/MILE
PRIME MC 800	590 GAL/MILE
IRREGULARITIES:	75 TONS/MI (SP095C) 25 TONS/MI (SL)



ROUTE I-49 TYPICAL SECTION

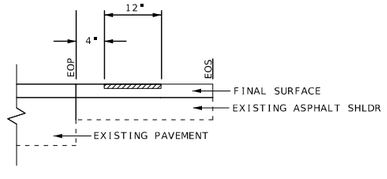
*LM SB	168.020	TO LM SB	168.039*
LM SB	168.039	TO LM SB	168.220
LM SB	168.320	TO LM SB	170.815
LM SB	170.895	TO LM SB	172.385
LM SB	172.550	TO LM SB	172.629
LM SB	172.818	TO LM SB	173.233
LM SB	173.401	TO LM SB	173.425
LM SB	173.525	TO LM SB	174.637
*LM SB	174.637	TO LM SB	174.656*

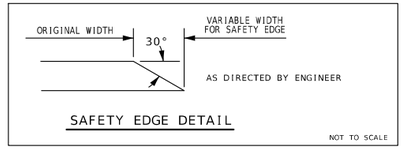


ROUTE I-49 TYPICAL SECTION

*LM NB	8.829	TO LM NB	8.848*
LM NB	8.848	TO LM NB	10.475
LM NB	10.575	TO LM NB	10.599
LM NB	10.760	TO LM NB	11.190
LM NB	11.370	TO LM NB	11.460
LM NB	11.625	TO LM NB	13.108
LM NB	13.188	TO LM NB	15.685
LM NB	15.785	TO LM NB	15.981
*LM NB	15.981	TO LM NB	16.000*

RUMBLE STRIP DETAILS





SAFETY EDGE DETAIL

NOT TO SCALE

NOT TO SCALE
TYPICAL SECTION
SHEET 1 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 10:43:19 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/2/2026
ROUTE: I-49 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: MCDONALD
JOB NO.: JSR0016
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)

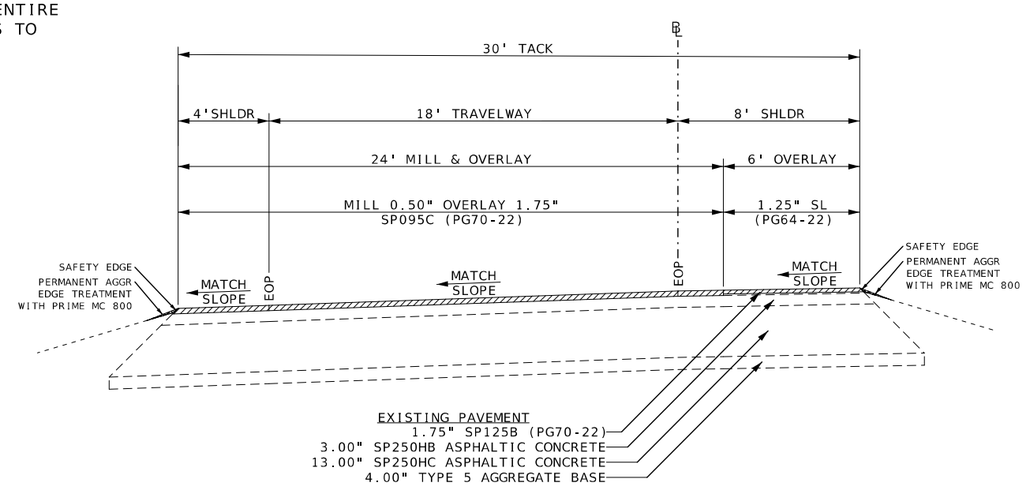
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

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

ASPHALT FACTORS	COMBINED FACTOR
SP095C (PG70-22)	1.950 TONS/CY
SL (PG64-22)	1.960 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
COLDMILL	0.10 GAL/SY
PERMANENT AGGREGATE EDGE TREATMENT	
AGGREGATE	200 TON/MILE
PRIME MC 800	590 GAL/MILE
IRREGULARITIES:	75 TONS/MI (SP095C) 25 TONS/MI (SL)

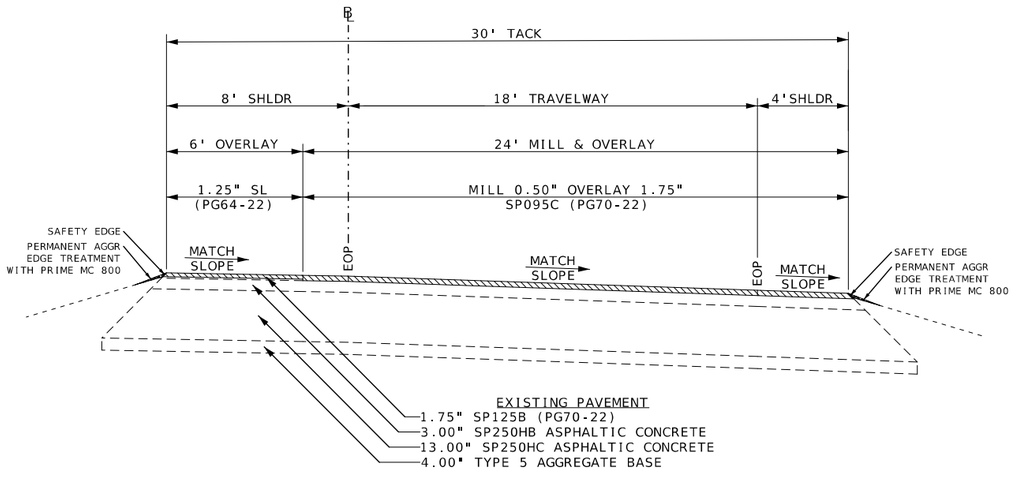


RAMP 2 TYPICAL SECTION

LM 0.055 TO LM 0.223

RAMP 4 TYPICAL SECTION

LM 0.046 TO LM 0.200

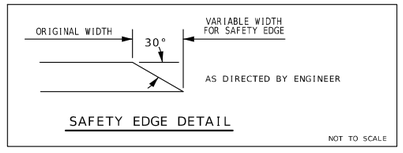


RAMP 1 TYPICAL SECTION

LM 0.047 TO LM 0.253

RAMP 3 TYPICAL SECTION

LM 0.046 TO LM 0.192



NOT TO SCALE
TYPICAL SECTION
SHEET 2 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 10:43:28 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/2/2026
ROUTE: I-49 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: MCDONALD
JOB NO.: JSR0016
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)

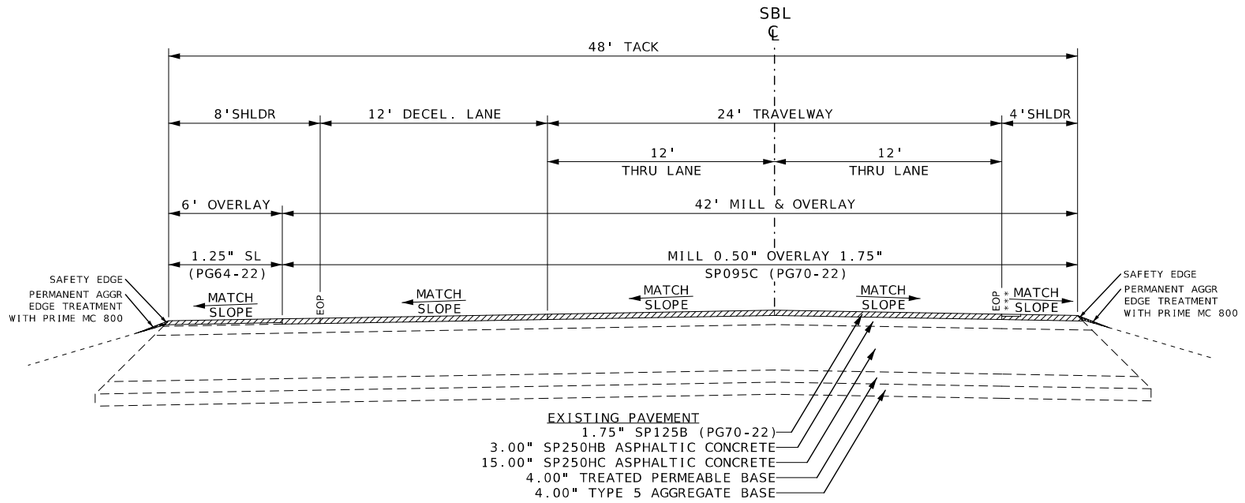
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
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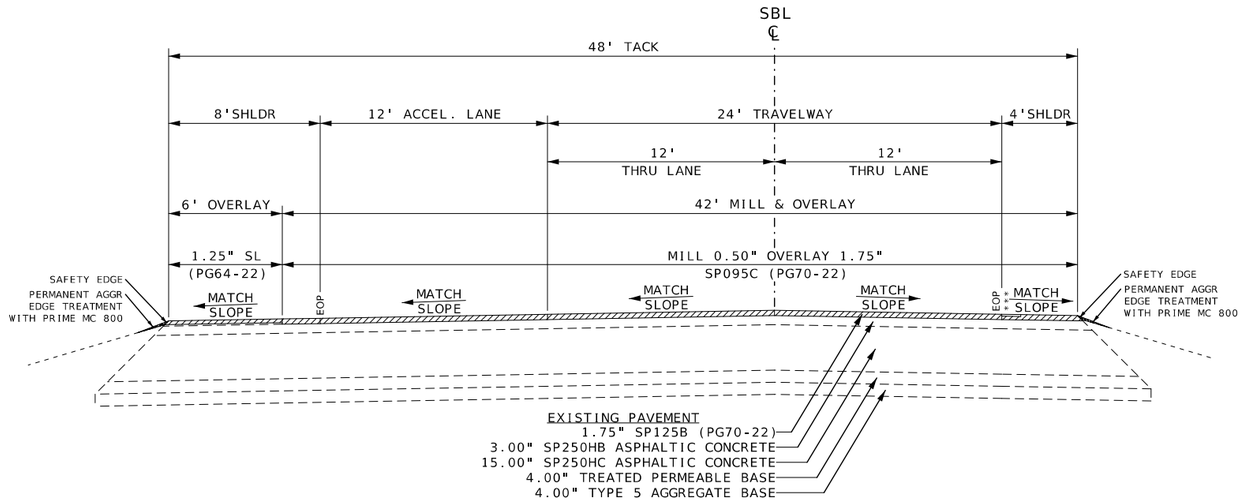
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	COMBINED FACTOR
SP095C (PG70-22)	1.950 TONS/CY
SL (PG64-22)	1.960 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
COLDMILL	0.10 GAL/SY
PERMANENT AGGREGATE EDGE TREATMENT	
AGGREGATE	200 TON/MILE
PRIME MC 800	590 GAL/MILE
IRREGULARITIES:	75 TONS/MI (SP095C) 25 TONS/MI (SL)

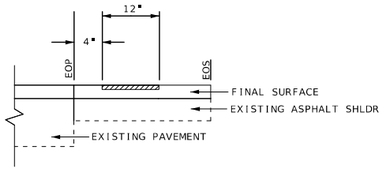


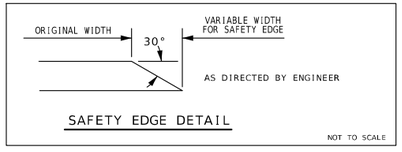
RAMP 2 DECEL. LANE TYPICAL SECTION
LM SB 172.629 TO LM SB 172.818



RAMP 4 ACCEL. LANE TYPICAL SECTION
LM SB 173.233 TO LM SB 173.401

RUMBLE STRIP DETAILS





NOT TO SCALE
TYPICAL SECTION
SHEET 3 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 10:43:40 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/2/2026
ROUTE: I-49 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: MCDONALD
JOB NO.: JSR0016
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)

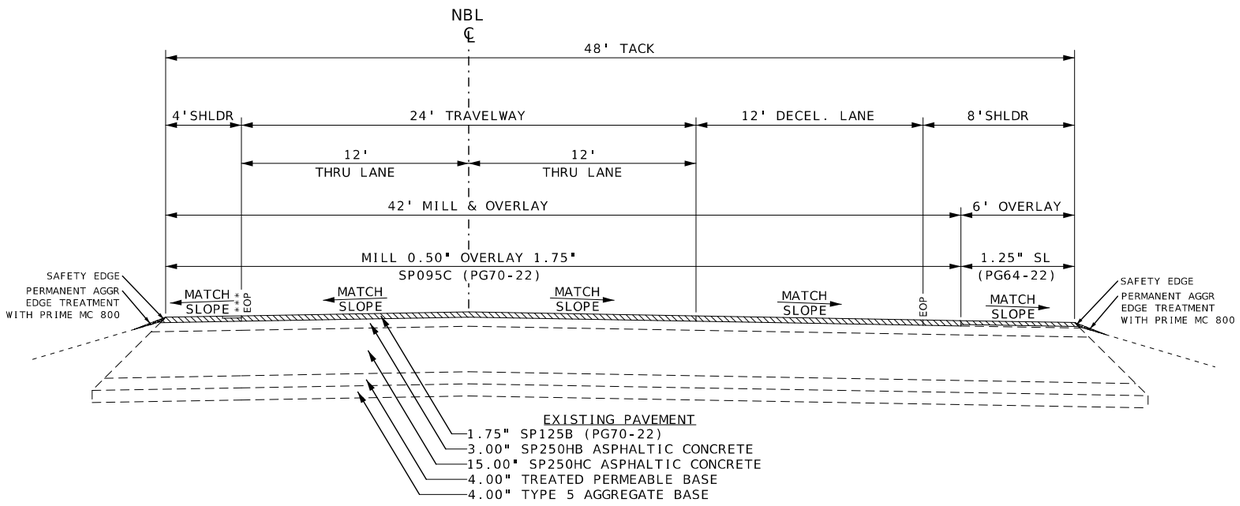
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NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

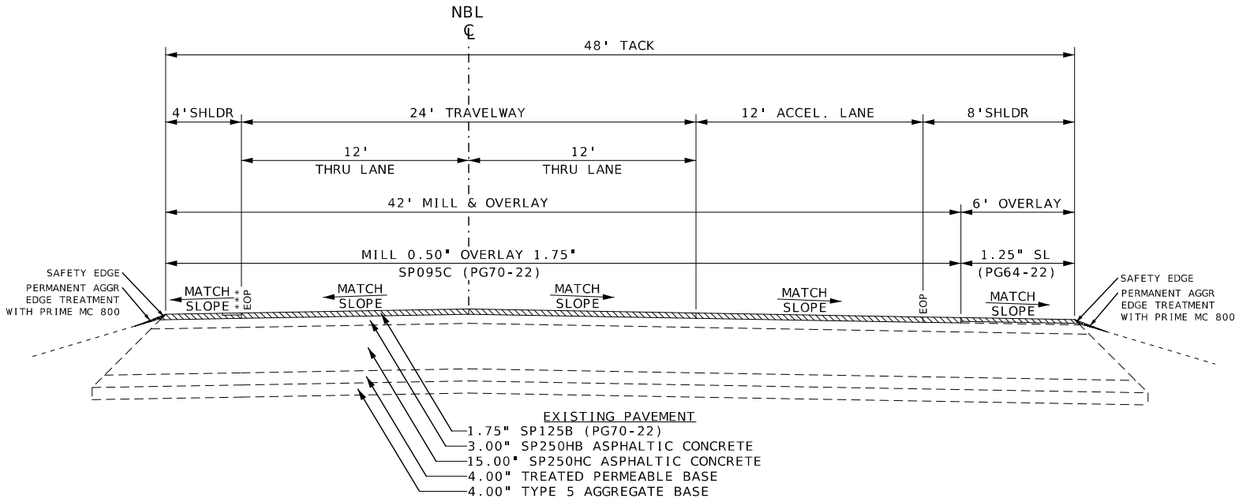
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	COMBINED FACTOR
SP095C (PG70-22)	1.950 TONS/CY
SL (PG64-22)	1.960 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
COLDMILL	0.10 GAL/SY
PERMANENT AGGREGATE EDGE TREATMENT	
AGGREGATE	200 TON/MILE
PRIME MC 800	590 GAL/MILE
IRREGULARITIES:	75 TONS/MI (SP095C) 25 TONS/MI (SL)

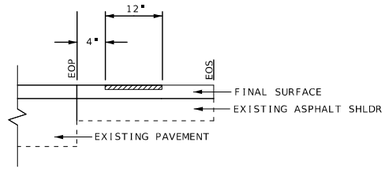


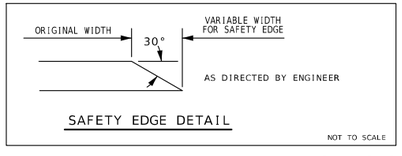
RAMP 3 DECEL. LANE TYPICAL SECTION
LM NB 10.599 TO LM NB 10.760



RAMP 1 ACCEL. LANE TYPICAL SECTION
LM NB 11.190 TO LM NB 11.370

RUMBLE STRIP DETAILS





NOT TO SCALE
TYPICAL SECTION
SHEET 4 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 10:43:54 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/2/2026
ROUTE: I-49 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: MCDONALD
JOB NO.: JSR0016
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	DESCRIPTION	UNITS	TOTAL	REMARKS
I-49 S	167.850	-	167.951	GUARDRAIL	LF	533.3	NORTH OF A5561
I-49 S	168.173	-	168.229	GUARDRAIL	LF	295.7	NORTH OF A5561
					TOTAL	1 LUMP SUM	

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

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	AREA SY	REMARKS
I-49 S	168.020	-	168.039	100.0	38.0	422.2	FULL DEPTH A5561
I-49 S	168.039	-	168.063	125.0			DEPTH TRANSITION
I-49 S	168.063	-	168.196	702.2	30.0	2340.7	
I-49 S	168.196	-	168.220	125.0			DEPTH TRANSITION
I-49 S	168.220	-	168.320				BRIDGE A5816 HFST ONLY
I-49 S	168.320	-	168.344	125.0			DEPTH TRANSITION
I-49 S	168.344	-	170.791	12920.2	30.0	43067.3	
I-49 S	170.791	-	170.815	125.0			DEPTH TRANSITION
I-49 S	170.815	-	170.895				BRIDGE A5811 EXCEPTION
I-49 S	170.895	-	170.919	125.0			DEPTH TRANSITION
I-49 S	170.919	-	172.361	7613.8	30.0	25379.3	
I-49 S	172.361	-	172.385	125.0			DEPTH TRANSITION
I-49 S	172.385	-	172.550				BRIDGE A5813 EXCEPTION
I-49 S	172.550	-	172.574	125.0			DEPTH TRANSITION
I-49 S	172.574	-	172.629	290.4	30.0	968.0	
I-49 S		-				5390.0	RAMP 2
I-49 S	172.629	-	172.818	997.9	28.0	3104.6	TRAVELWAY AT RAMP 2
I-49 S	172.818	-	173.233	2191.2	30.0	7304.0	
I-49 S		-				4796.0	RAMP 4
I-49 S	173.233	-	173.401	887.0	28.0	2759.6	TRAVELWAY AT RAMP 4
I-49 S	173.401	-	173.425	125.0			DEPTH TRANSITION
I-49 S	173.425	-	173.525				BRIDGE A5821 EXCEPTION
I-49 S	173.525	-	173.549	125.0			DEPTH TRANSITION
I-49 S	173.549	-	174.613	5617.9	30.0	18726.3	
I-49 S	174.613	-	174.637				DEPTH TRANSITION
I-49 S	174.637	-	174.656	100.0	38.0	422.2	FULL DEPTH END SB
I-49 N	8.829	-	8.848	100.0	38.0	422.2	FULL DEPTH END NB
I-49 N	8.848	-	8.872	125.0			DEPTH TRANSITION
I-49 N	8.872	-	10.451	8337.1	30.0	27790.3	
I-49 N	10.451	-	10.475	125.0			DEPTH TRANSITION
I-49 N	10.475	-	10.575				BRIDGE A5280 EXCEPTION
I-49 N	10.575	-	10.599	125.0			DEPTH TRANSITION
I-49 N		-				4665.0	RAMP 3
I-49 N	10.599	-	10.760	850.1	28.0	2644.8	TRAVELWAY AT RAMP 3
I-49 N	10.760	-	11.190	2270.4	30.0	7568.0	
I-49 N		-				5704.0	RAMP 1
I-49 N	11.190	-	11.370	950.4	28.0	2956.8	TRAVELWAY AT RAMP 1
I-49 N	11.370	-	11.436	348.5	30.0	1161.7	
I-49 N	11.436	-	11.460	125.0			DEPTH TRANSITION
I-49 N	11.460	-	11.625				BRDGE A5812 EXCEPTION
I-49 N	11.625	-	11.649	125.0			DEPTH TRANSITION
I-49 N	11.649	-	13.084	7576.8	30.0	25256.0	
I-49 N	13.084	-	13.108	125.0			DEPTH TRANSITION
I-49 N	13.108	-	13.188				BRIDGE A5810 EXCEPTION
I-49 N	13.188	-	13.212	125.0			DEPTH TRANSITION
I-49 N	13.212	-	15.661	12930.7	30.0	43102.3	
I-49 N	15.661	-	15.685	125.0			DEPTH TRANSITION
I-49 N	15.685	-	15.785				BRIDGE A5815 HFST ONLY
I-49 N	15.785	-	15.809	125.0			DEPTH TRANSITION
I-49 N	15.809	-	15.957	781.4	30.0	2604.7	
I-49 N	15.957	-	15.981	125.0			DEPTH TRANSITION
I-49 N	15.981	-	16.000	100.0	38.0	422.2	FULL DEPTH A5560
					TOTAL	238978.2	
					USE	238979	

GRAVEL (A) OR CRUSHED STONE (B)

12 TONS

FOR EMERGENCY CROSSOVER AT SB LM 169.454

MOBILIZATION

1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING

1 LUMP SUM

HIGH FRICTION SURFACE TREATMENT

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	AREA SY	REMARKS
I-49 S	167.813	-	167.942	681.1	24.0	1816.3	
I-49 S	167.942	-	168.020	411.8	38.0	1738.7	
I-49 S	168.020		168.220	1056.0	24.0	2816.0	
I-49 S	168.220	-	168.320	528.0	38.0	2229.3	
I-49 S	168.320		168.470	792.0	24.0	2112.0	
I-49 N	15.525		15.685	844.8	24.0	2252.8	
I-49 N	15.685	-	15.785	528.0	38.0	2229.3	
I-49 N	15.785		16.000	1135.2	24.0	3027.2	
I-49 N	16.000	-	16.076	401.3	38.0	1694.4	
I-49 N	16.076	-	16.194	623.0	24.0	1661.3	
					TOTAL	21577.3	
					USE	21578	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	AREA SY	REMARKS
I-49 S	168.039	-	168.063	125.0	38.0	527.8	A5561 SOUTH
I-49 S	168.196	-	168.220	125.0	38.0	527.8	A5816 NORTH
I-49 S	168.320	-	168.344	125.0	38.0	527.8	A5816 SOUTH
I-49 S	170.791	-	170.815	125.0	38.0	527.8	A5811 NORTH
I-49 S	170.895	-	170.919	125.0	38.0	527.8	A5811 SOUTH
I-49 S		-		125.0	30.0	416.7	RAMP 2
I-49 S		-		125.0	30.0	416.7	RAMP 4
I-49 S	172.361	-	172.385	125.0	38.0	527.8	A5813 NORTH
I-49 S	172.550	-	172.574	125.0	38.0	527.8	A5813 SOUTH
I-49 S	173.401	-	173.425	125.0	38.0	527.8	A5821 NORTH
I-49 S	173.525	-	173.549	125.0	38.0	527.8	A5821 SOUTH
I-49 S	174.613	-	174.637	125.0	38.0	527.8	END SB
I-49 N	8.848	-	8.872	125.0	38.0	527.8	END NB
I-49 N	10.451	-	10.475	125.0	38.0	527.8	A5820 SOUTH
I-49 N	10.575	-	10.599	125.0	38.0	527.8	A5820 NORTH
I-49 N				125.0	30.0	416.7	RAMP 3
I-49 N				125.0	30.0	416.7	RAMP 4
I-49 N	11.436	-	11.460	125.0	38.0	527.8	A5812 SOUTH
I-49 N	11.625	-	11.649	125.0	38.0	527.8	A5812 NORTH
I-49 N	13.084	-	13.108	125.0	38.0	527.8	A5810 SOUTH
I-49 N	13.188	-	13.212	125.0	38.0	527.8	A5810 NORTH
I-49 N	15.661	-	15.685	125.0	38.0	527.8	A5815 SOUTH
I-49 N	15.785	-	15.809	125.0	38.0	527.8	A5815 NORTH
I-49 N	15.957	-	15.981	125.0	38.0	527.8	A5560 SOUTH
					TOTAL	12222.8	
					USE	12223	

SUMMARY OF QUANTITIES

SHEET 1 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 11:35:48 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE I-49 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY MCDONALD
JOB NO. JSR0016
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)

BITUMINOUS PAVEMENT

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH SP095C LF	AVERAGE WIDTH SURFACE LEVEL LF	APPROACH AREA SF	1.75" SP095C 1.95 TONS/CY TONS	1.25" SURFACE LEVEL 1.96 TONS/CY TONS	TACK COAT 0.10 GAL/SY GAL	TACK COAT 0.08 GAL/SY GAL	REMARKS
I-49 S	168.020	-	168.220	1056.0	30.0	8.0		340.3	65.2	352.0	75.1	
I-49 S	168.320	-	170.815	13173.6	30.0	8.0		4245.7	812.9	4391.2	936.8	
I-49 S	170.895	-	172.385	7867.2	30.0	8.0		2535.5	485.4	2622.4	559.4	
I-49 S	172.550	-	172.629	417.1	30.0	8.0		134.4	25.7	139.0	29.7	
I-49 S	172.629	-	172.818	997.9	28.0			300.2		310.5		
I-49 S		-					13294.0		102.5		118.2	RAMP 2 SURFACE LEVEL
I-49 S		-					50348.0	540.9		559.4		RAMP 2 SP095C
I-49 S	172.818	-	173.233	2191.2	30.0	8.0		706.2	135.2	730.4	155.8	
I-49 S		-					13127.0		101.2		116.7	RAMP 4 SURFACE LEVEL
I-49 S		-					44941.0	482.8		499.3		RAMP 4 SP095C
I-49 S	173.233	-	173.401	887.0	28.0			266.8		276.0		
I-49 S	173.401	-	173.425	126.7	30.0	8.0		40.8	7.8	42.2	9.0	
I-49 S	173.525	-	174.656	5971.7	30.0	8.0		1924.6	368.5	1990.6	424.7	
I-49 N	8.829	-	10.475	8690.9	30.0	8.0		2801.0	536.3	2897.0	618.0	
I-49 N	10.575	-	10.599	126.7	30.0	8.0		40.8	7.8	42.2	9.0	
I-49 N	10.599	-	10.760	850.1	28.0			255.7		264.5		
I-49 N		-					11377.0		87.8		101.1	RAMP 3 SURFACE LEVEL
I-49 N		-					43100.0	463.0		478.9		RAMP 3 SP095C
I-49 N	10.760	-	11.190	2270.4	30.0	8.0		731.7	140.1	756.8	161.5	
I-49 N		-					10811.0		83.4		96.1	RAMP 1 SURFACE LEVEL
I-49 N		-					52384.0	562.8		582.0		RAMP 1 SP095C
I-49 N	11.190	-	11.370	950.4	28.0			285.9		295.7		
I-49 N	11.370	-	11.460	475.2	30.0	8.0		153.2	29.3	158.4	33.8	
I-49 N	11.625	-	13.108	7830.2	30.0	8.0		2523.6	483.2	2610.1	556.8	
I-49 N	13.188	-	15.685	13184.2	30.0	8.0		4249.2	813.5	4394.7	937.5	
I-49 N	15.785	-	16.000	1135.2	30.0	8.0		365.9	70.0	378.4	80.7	
IRREGULARITIES												
I-49 S	168.020	-	174.656	35038.1				497.7	165.9			IRREGULARITIES 75 TONS/MILE (SP095C)
I-49 N	8.829	-	16.000	37862.9				537.8	179.3			IRREGULARITIES 25 TONS/MILE (SL)
RAMP 1	0.047	-	0.253	1087.7				15.5	5.2			
RAMP 2	0.055	-	0.223	887.0				12.6	4.2			
RAMP 3	0.046	-	0.192	770.9				11.0	3.7			
RAMP 4	0.046	-	0.200	813.1				11.6	3.9			
							TOTALS	25037.2	4718.0	24771.7	5019.9	* SAFETY EDGE INCLUDED IN QUANTITY
							USE	25037.2	4718.0	29792		

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

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
I-49 S	168.020	-	168.220	0.200	40.0	118	
I-49 S	168.320	-	170.815	2.495	499.0	1472	
I-49 S	170.895	-	172.385	1.490	298.0	879	
I-49 S	172.550	-	172.629	0.079	15.8	47	
I-49 S	172.629	-	172.818	0.189	37.8	112	
I-49 S	172.818	-	173.233	0.415	83.0	245	
I-49 S	173.233	-	173.401	0.168	33.6	99	
I-49 S	173.401	-	173.425	0.024	4.8	14	
I-49 S	173.525	-	174.656	1.131	226.2	667	
I-49 N	8.829	-	10.475	1.646	329.2	971	
I-49 N	10.575	-	10.599	0.024	4.8	14	
I-49 N	10.599	-	10.760	0.161	32.2	95	
I-49 N	10.760	-	11.190	0.430	86.0	254	
I-49 N	11.190	-	11.370	0.180	36.0	106	
I-49 N	11.370	-	11.460	0.090	18.0	53	
I-49 N	11.625	-	13.108	1.483	296.6	875	
I-49 N	13.188	-	15.685	2.497	499.4	1473	
I-49 N	15.785	-	16.000	0.215	43.0	127	
RAMP 1	0.047	-	0.253	0.206	41.2	122	
RAMP 2	0.055	-	0.223	0.168	33.6	99	
RAMP 3	0.046	-	0.192	0.146	29.2	86	
RAMP 4	0.046	-	0.200	0.154	30.8	91	
				TOTALS	2718.2	8019	*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY

SUMMARY OF QUANTITIES
SHEET 2 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 11:35:39 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/5/2026
ROUTE: I-49 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: MCDONALD
JOB NO.: JSR0016
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

ROUTE	LOG MILE	TO	LOG MILE	LOCATION	CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) 6" INT WHITE LF	6" SOLID WHITE LF	6" SOLID YELLOW LF	12" SOLID WHITE LF	REMARKS
I-49 S	167.813	-	172.629		6357.1	25428.5	25428.5		BEGIN SB TO BRIDGE A5811
I-49 S	172.629	-	172.818				997.9		
I-49 S		-			235.0	2772.5	1081.0	560.0	RAMP 2
I-49 S		-				126.0			RAMP 2 AROUND EXISTING ISLAND
I-49 S		-			178.0	2261.9	958.0	430.0	RAMP 4
I-49 S	172.818	-	173.233		547.8	2191.2	2191.2		BETWEEN RAMP 2 & RAMP 4
I-49 S	173.233	-	173.401				887.0		
I-49 S	173.401	-	174.656		1656.6	6626.4	6626.4		
I-49 N	8.829	-	10.599		2336.4	9345.6	9345.6		
I-49 N	10.599	-	10.760				850.1		
I-49 N		-			188.0	2258.0	919.0	380.0	RAMP 3
I-49 N		-				112.0			RAMP 3 AROUND EXISTING SIGNAGE
I-49 N		-			234.7	2530.5	1220.0	370.0	RAMP 1
I-49 N	10.760	-	11.190		567.6	2270.4	2270.4		BETWEEN RAMP 3 & RAMP 1
I-49 N	11.190	-	11.370				950.4		
I-49 N	11.370	-	16.194		6367.7	25470.7	25470.7		
				TOTALS	18668.9	81393.7	79196.2	1740.0	
				USE	100063		79197	1740	

GUARDRAIL

ROUTE	LOG MILE	TO	LOG MILE	OFFSET	NET LENGTH FT	MGS BRIDGE APPR TRANSITION EACH	MGS GUARDRAIL LF	TYPE A CRASHWORTHY MASH EACH	SHAPING SLOPES CL III 100 FT	REMARKS
I-49 S	167.850	-	167.951	LT	533.3	1	450.0	1	0.3	NORTH OF A5561
I-49 S	168.173	-	168.229	RT	295.7	1	212.5	1	0.3	NORTH OF A5561
				TOTALS		2	662.5	2	0.6	
				USE		2	663	2	1	

TEMPORARY PAVEMENT MARKING PAINT

1 LUMP SUM

RUMBLE STRIPS

ROUTE	LOG MILE	TO	LOG MILE	LENGTH MILES	ASPHALT LT SHLDR STA	ASPHALT RT SHLDR STA	REMARKS
I-49 S	168.020	-	168.220	0.200	10.56	10.56	
I-49 S	168.320	-	170.815	2.495	131.74	131.74	
I-49 S	170.895	-	172.385	1.490	78.67	78.67	
I-49 S	172.550	-	172.629	0.079	4.17	4.17	
I-49 S	172.629	-	172.818	0.189	9.98		
I-49 S	172.818	-	173.233	0.415	21.91	21.91	BETWEEN RAMP 2 & RAMP 4
I-49 S	173.233	-	173.401	0.168	8.87		
I-49 S	173.401	-	173.425	0.024	1.27	1.27	
I-49 S	173.525	-	174.656	1.131	59.72	59.72	
I-49 N	8.829	-	10.475	1.646	86.91	86.91	
I-49 N	10.575	-	10.599	0.024	1.27	1.27	
I-49 N	10.599	-	10.760	0.161		8.50	
I-49 N	10.760	-	11.190	0.430	22.70	22.70	BETWEEN RAMP 3 & RAMP 1
I-49 N	11.190	-	11.370	0.180		9.50	
I-49 N	11.370	-	11.460	0.090	4.75	4.75	
I-49 N	11.625	-	13.108	1.483	78.30	78.30	
I-49 N	13.188	-	15.685	2.497	131.84	131.84	
I-49 N	15.785	-	16.000	0.215	11.35	11.35	
				TOTALS	664.01	663.16	
				USE	1328.0		

SLAB JACKING MATERIAL HIGH DENSITY POLYURETHANE

LOG MILE	LOCATION BR #	SLAB JACKING (LB)	REMARKS
167.950	A5561	950	SB APPROACH SLAB (1/4")
15.693	A5815	950	NB APPROACH SLAB (1/4")
15.777	A5815	950	NB DEPART SLAB (1/4")
	TOTAL	2850.0	
	USE	2850	

SUMMARY OF QUANTITIES

SHEET 3 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 11:35:32 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/5/2026

ROUTE	STATE
I-49	MO

DISTRICT	SHEET NO.
SW	3

COUNTY: MCDONALD

JOB NO.: JSR0016

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)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00	1	16.00				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)
WO4-1aL	48X48	16.00	2	32.00				MERGE (LEFT)
WO4-1aR	48X48	16.00	2	32.00				MERGE (RIGHT)
WO5-1	48X48	16.00	4	64.00				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	2	10.00				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	8	128.00				UNEVEN LANES
WO8-12	48X48	16.00						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						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	5	80.00				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						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						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	1	12.00				GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	4	40.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	4	32.00				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	3	18.00				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	1	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	7	84.00				SPEED LIMIT (XX) (3 - 60, 4 - 70)
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	4	48.00				WORK ZONE NO PHONE ZONE
WO4-3R	48X48	16.00	1	16.00				ADDED LANE RIGHT
WO21-5aR	48X48	16.00	2	32.00				RIGHT SHOULDER CLOSED
WO21-5bR	48X48	16.00	2	32.00				RIGHT SHOULDER CLOSED AHEAD

616-10.05 CONSTRUCTION SIGNS	TOTAL	848
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	300	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033	15	DIRECTION INDICATOR BARRICADE
6161040	1	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055	15	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	4	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
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 11:35:24 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/5/2026

ROUTE	STATE
I-49	MO

DISTRICT	SHEET NO.
SW	3

COUNTY: MCDONALD

JOB NO.: JSR0016

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

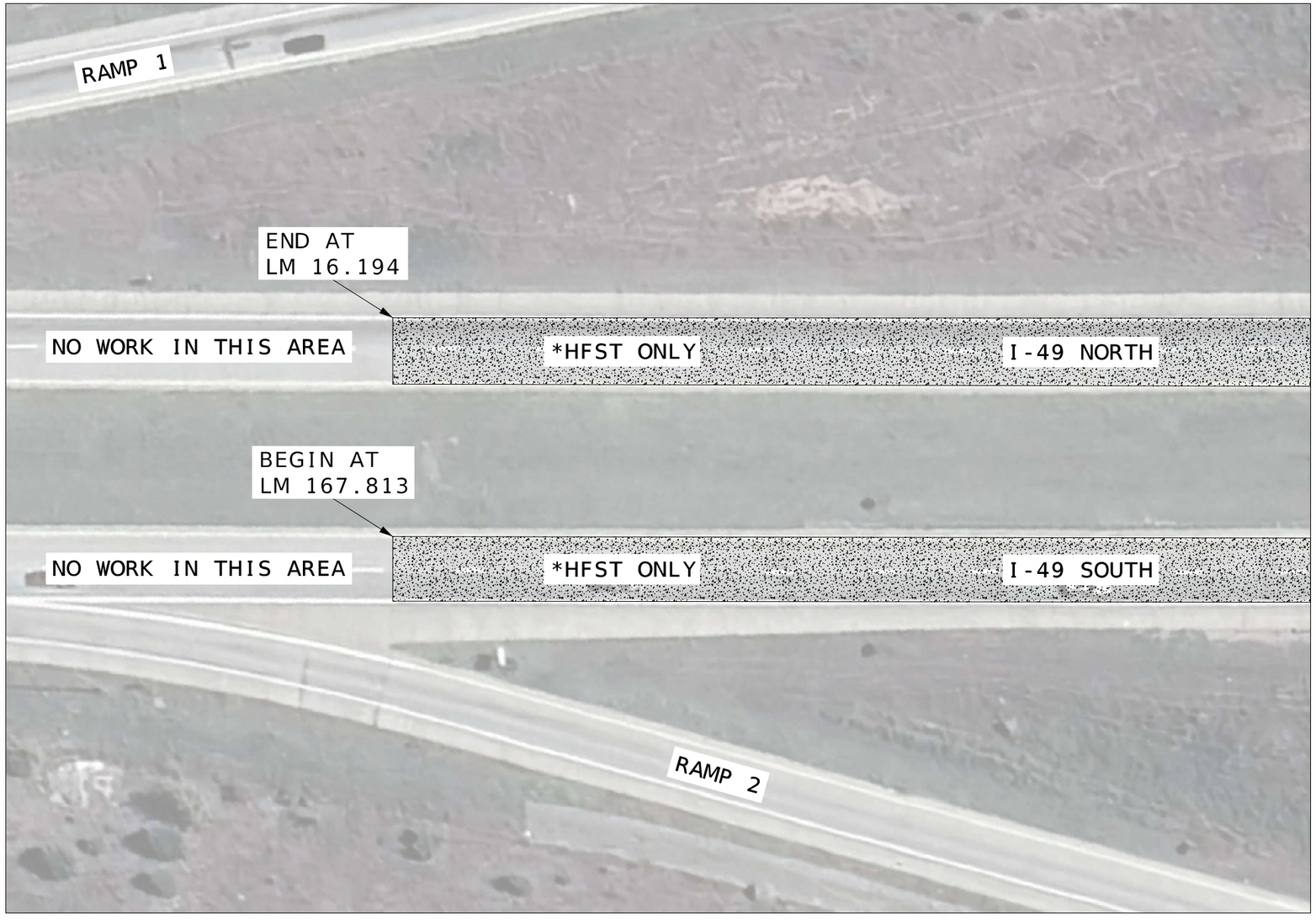
DESCRIPTION | DATE

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

BEGIN PROJECT



NOTES: HIGH FRICTION SURFACE TREATMENT *
SHALL BE DONE OVER EXISTING PAVEMENT ON THROUGH LANES ONLY.

BEGIN PROJECT
APPROX. 860 FEET NORTH OF ROUTE 59
(RAMP 2 GORE).

HIGH FRICTION SURFACE TREATMENT

NOT TO SCALE
SPECIAL
SHEET 1 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:11:49 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

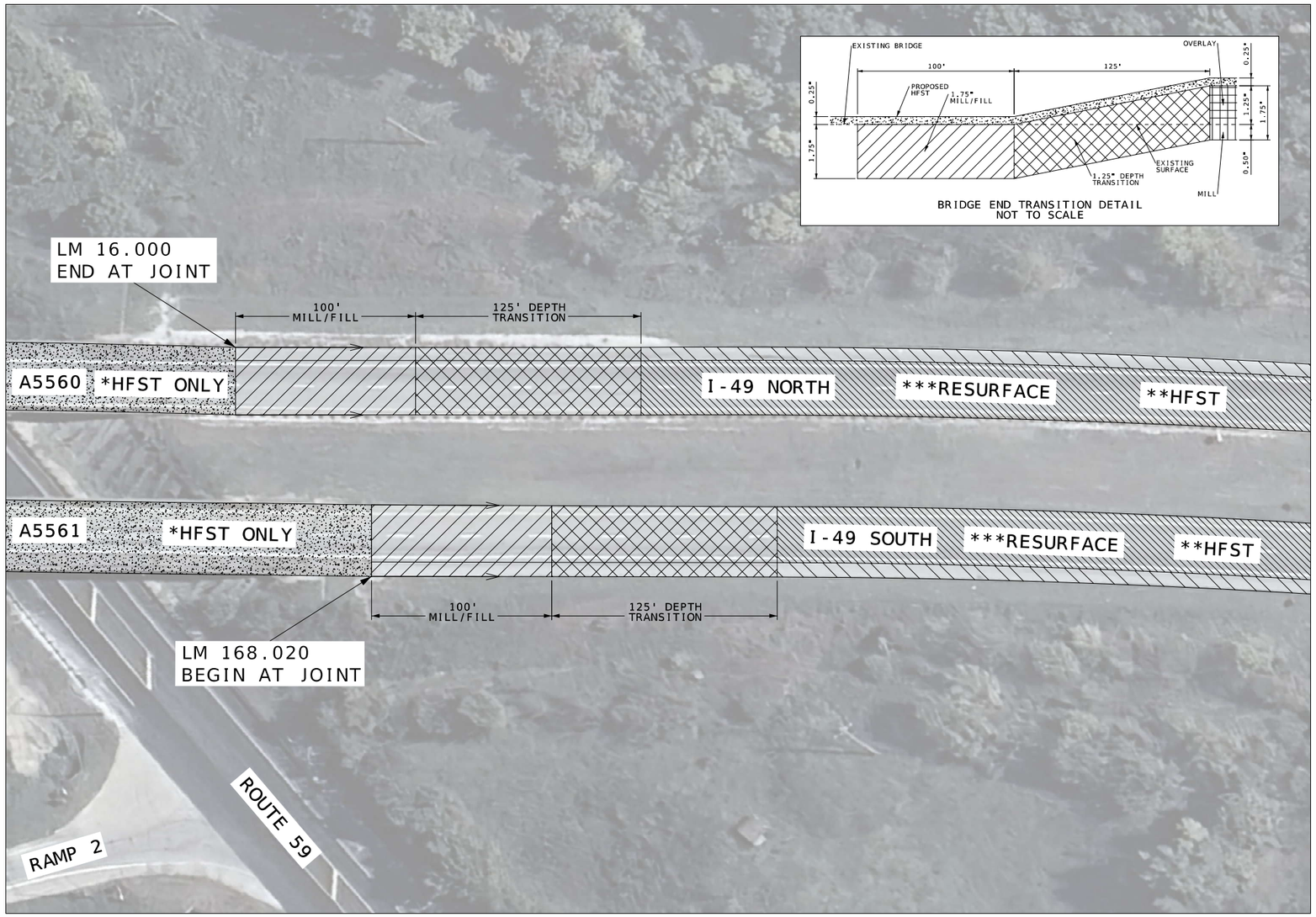
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BEGIN RESURFACING



NOTES: HIGH FRICTION SURFACE TREATMENT *
SHALL BE DONE OVER EXISTING PAVEMENT ON ENTIRE WIDTH OF BRIDGE DECKS, BRIDGE APPROACH SLABS, AND CONCRETE APPROACH PAVEMENTS INCLUDING THROUGH LANES AND SHOULDERS.
HIGH FRICTION SURFACE TREATMENT **
SHALL BE DONE OVER NEW PAVEMENT ON THROUGH LANES ONLY.
MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) ***
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.

NOTES: A5560 - HIGH FRICTION SURFACE TREATMENT ONLY, A5561 - HIGH FRICTION SURFACE TREATMENT ONLY

OVERLAY
MILL
MILL 0.50" OVERLAY 1.75" SP095C
1.25" SURFACE LEVEL
HIGH FRICTION SURFACE TREATMENT
1.75" MILL/FILL SP095C
1.25" DEPTH TRANSITION

NOT TO SCALE
SPECIAL
SHEET 2 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:18:00 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO

DISTRICT	SHEET NO.
SW	5

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

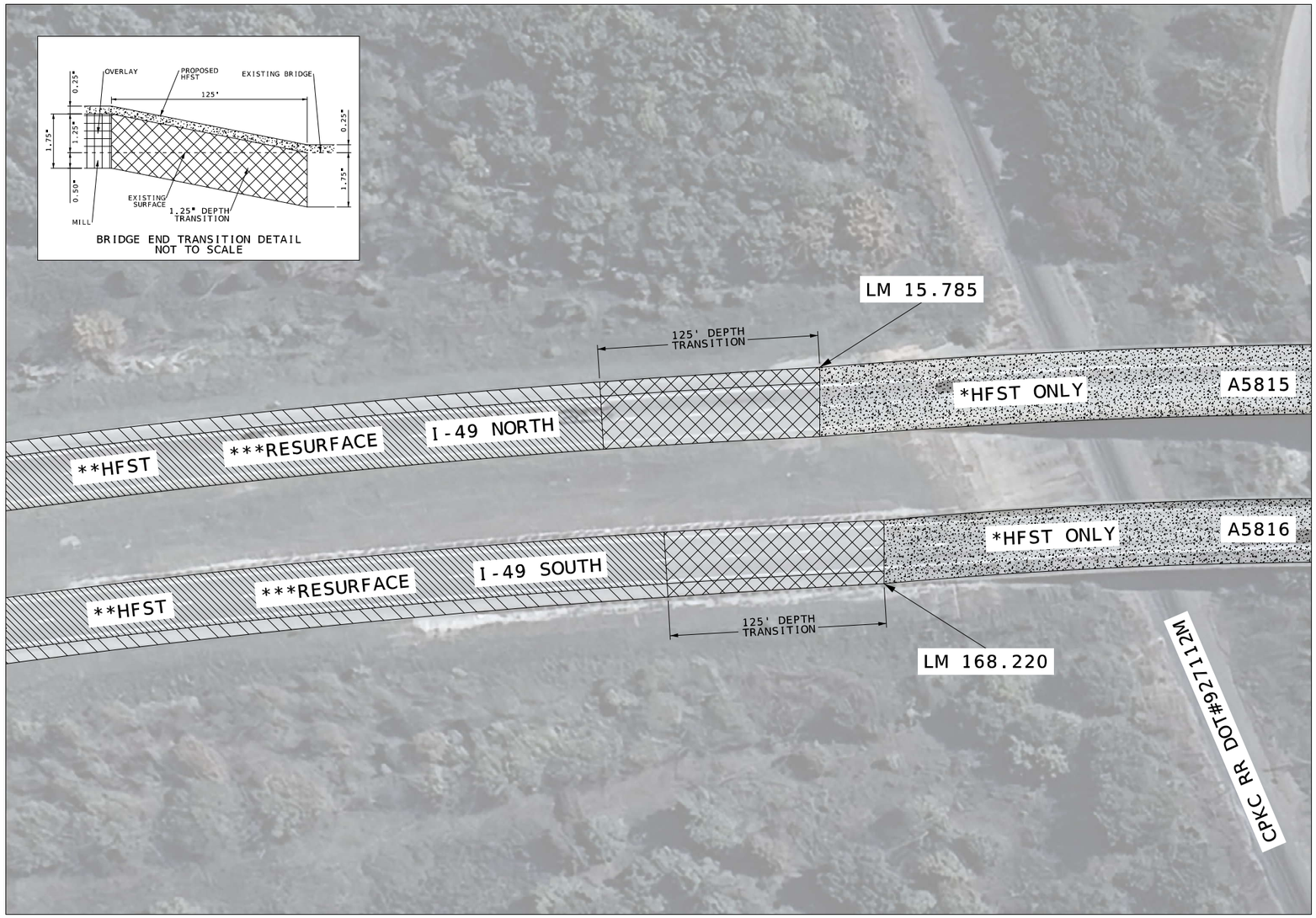
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BRIDGE A5815 & A5816



NOTES: HIGH FRICTION SURFACE TREATMENT *
SHALL BE DONE OVER EXISTING PAVEMENT ON ENTIRE WIDTH OF BRIDGE DECKS, BRIDGE APPROACH SLABS, AND CONCRETE APPROACH PAVEMENTS INCLUDING THROUGH LANES AND SHOULDERS.
HIGH FRICTION SURFACE TREATMENT **
SHALL BE DONE OVER NEW PAVEMENT ON THROUGH LANES ONLY.
MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) ***
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.

NOTES: A5815 - HIGH FRICTION SURFACE TREATMENT ONLY, A5816 - HIGH FRICTION SURFACE TREATMENT ONLY

OVERLAY
MILL
MILL 0.50" OVERLAY 1.75" SP095C
1.25" SURFACE LEVEL
HIGH FRICTION SURFACE TREATMENT
1.25" DEPTH TRANSITION

NOT TO SCALE
SPECIAL
SHEET 3 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:18:19 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

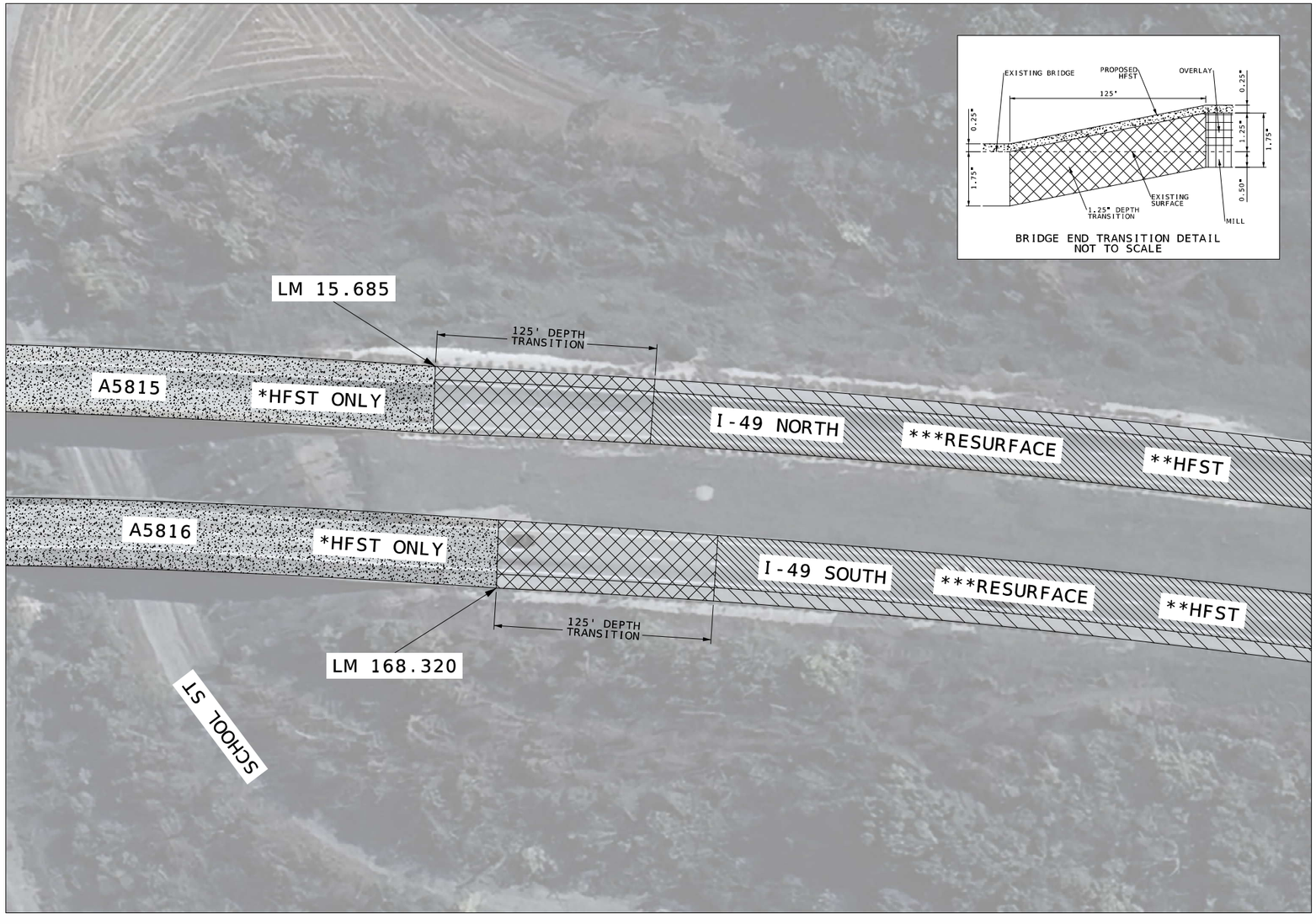
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

BRIDGE A5815 & A5816



BRIDGE END TRANSITION DETAIL
NOT TO SCALE

NOTES: HIGH FRICTION SURFACE TREATMENT *
SHALL BE DONE OVER EXISTING PAVEMENT ON ENTIRE WIDTH OF BRIDGE DECKS, BRIDGE APPROACH SLABS, AND CONCRETE APPROACH PAVEMENTS INCLUDING THROUGH LANES AND SHOULDERS.
HIGH FRICTION SURFACE TREATMENT **
SHALL BE DONE OVER NEW PAVEMENT ON THROUGH LANES ONLY.
MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) ***
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.
NOTES: A5815 - HIGH FRICTION SURFACE TREATMENT ONLY, A5816 - HIGH FRICTION SURFACE TREATMENT ONLY

OVERLAY
MILL 0.50" OVERLAY 1.75" SP095C
HIGH FRICTION SURFACE TREATMENT
MILL
1.25" SURFACE LEVEL
1.25" DEPTH TRANSITION

NOT TO SCALE
SPECIAL
SHEET 4 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:18:29 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

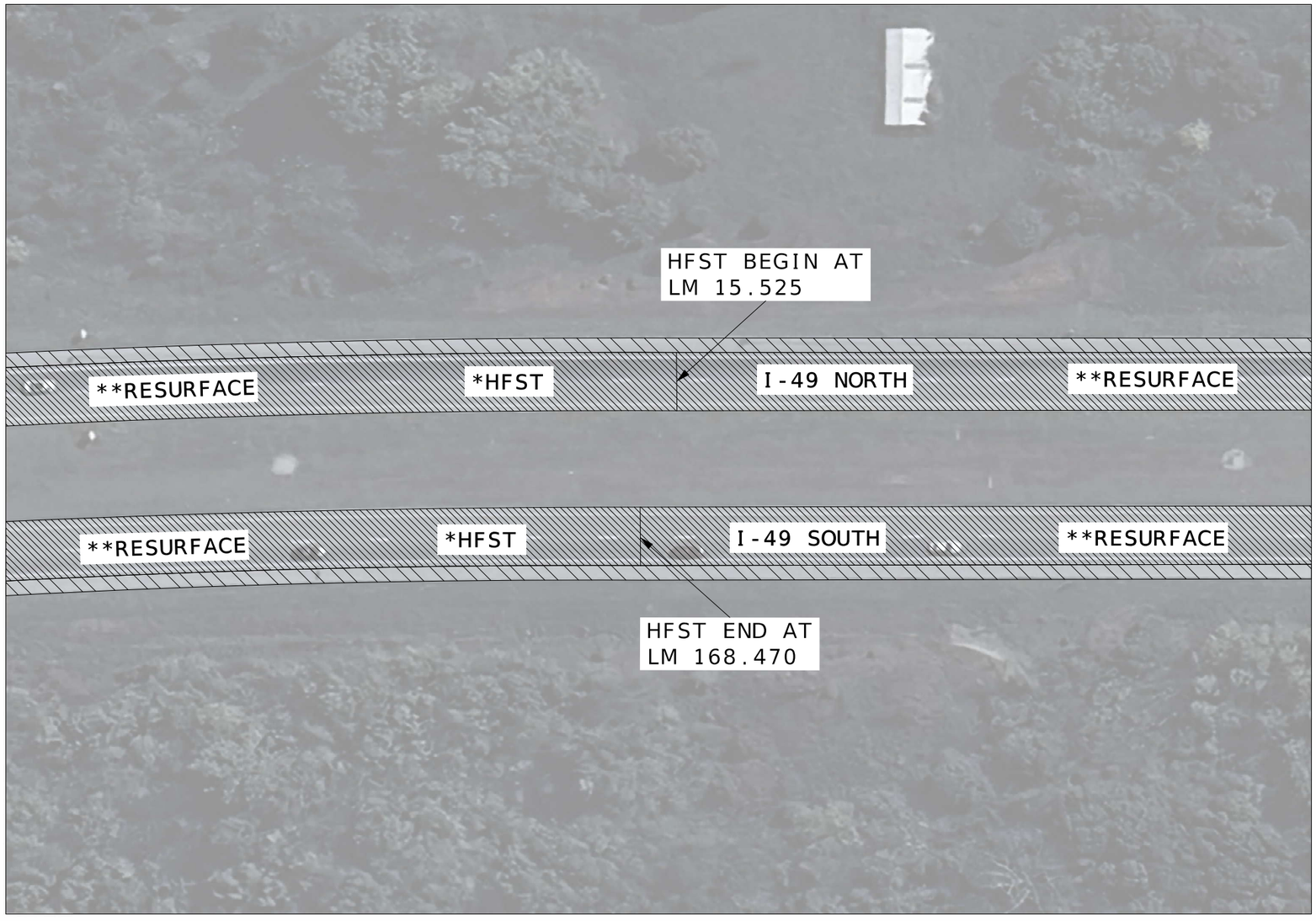
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

END HFST



NOTES: HIGH FRICTION SURFACE TREATMENT *
SHALL BE DONE OVER NEW PAVEMENT ON THROUGH LANES ONLY.
MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) **
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.

END HIGH FRICTION SURFACE TREATMENT
APPROX. 2,630 FEET SOUTH OF ROUTE 59
(NORMAL CROWN POINT).

MILL 0.50" OVERLAY
1.75" SP095C

1.25" SURFACE
LEVEL

NOT TO SCALE
SPECIAL
SHEET 5 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 12:19:50 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/2/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

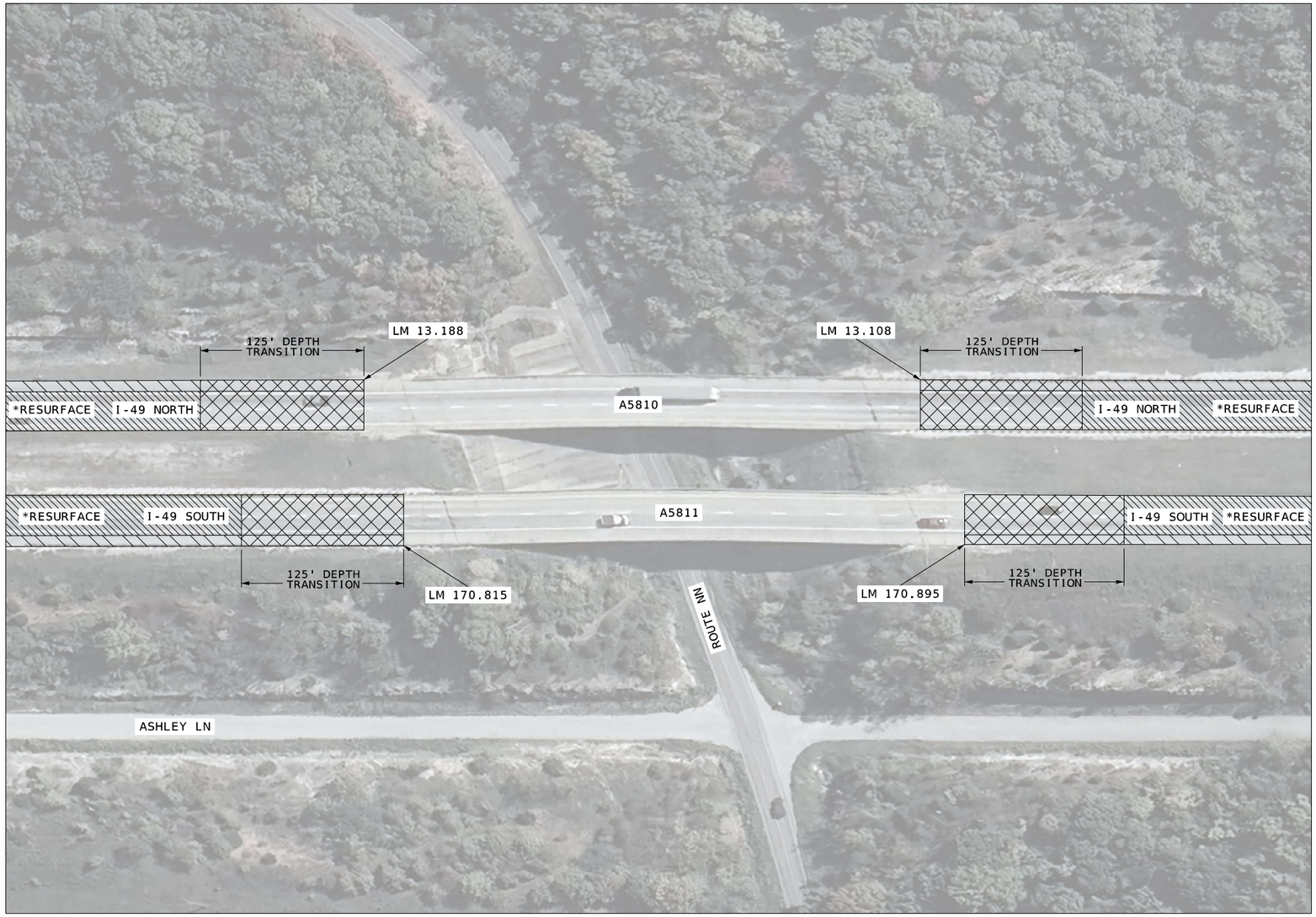
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BRIDGE A5810 & A5811 EXCEPTION



NOTES: MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) *
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.

NOTES: A5810 - NO WORK
A5811 - NO WORK

MILL 0.50" OVERLAY 1.75" SP095C

1.25" DEPTH TRANSITION

1.25" SURFACE LEVEL

NOT TO SCALE
SPECIAL
SHEET 6 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:18:37 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

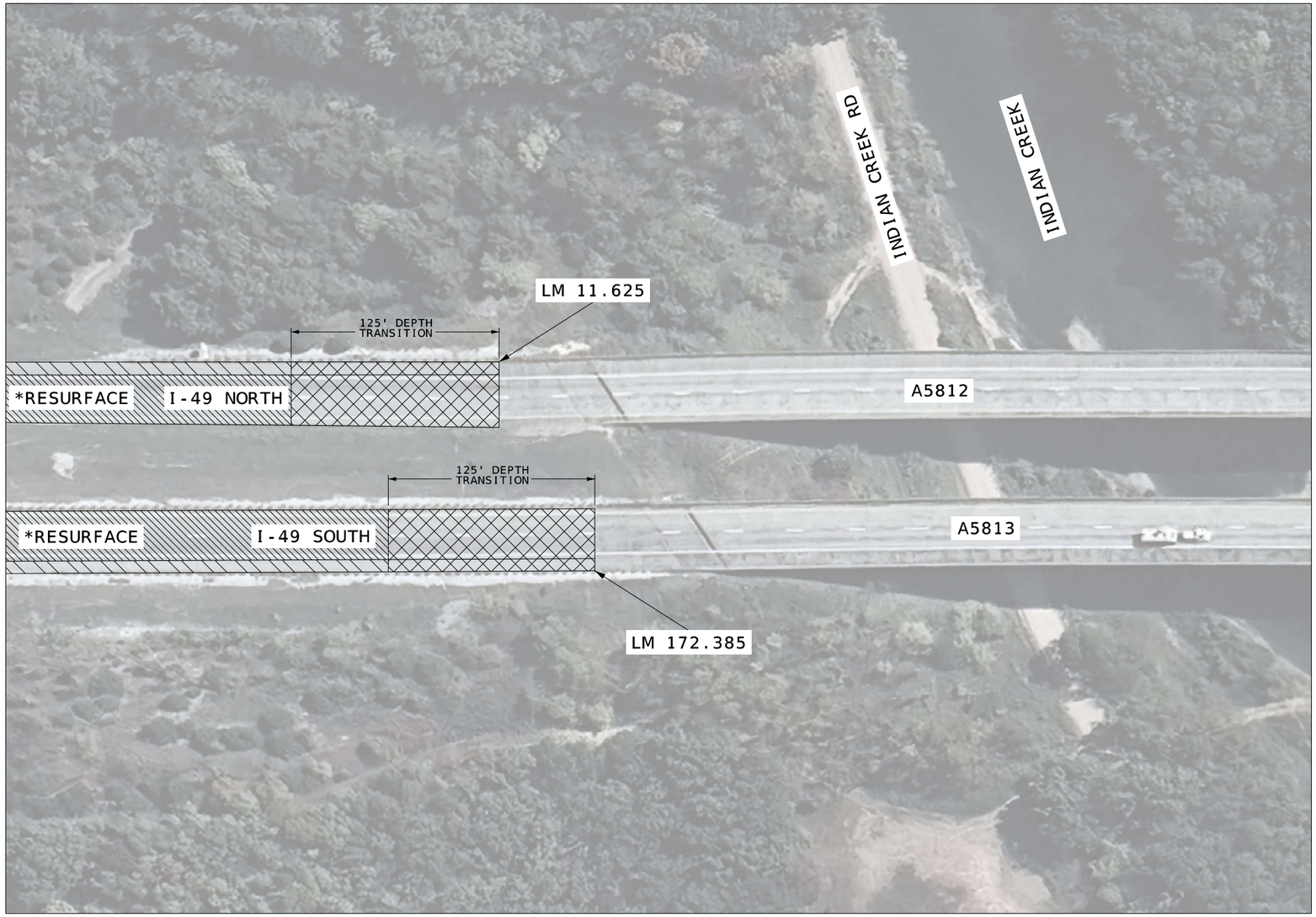
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BRIDGE A5812 & A5813 EXCEPTION



NOTES: MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) *
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.
NOTES: A5812 - NO WORK
A5813 - NO WORK

MILL 0.50" OVERLAY 1.75" SP095C

1.25" DEPTH TRANSITION

1.25" SURFACE LEVEL

NOT TO SCALE
SPECIAL
SHEET 7 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 12:19:58 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/2/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

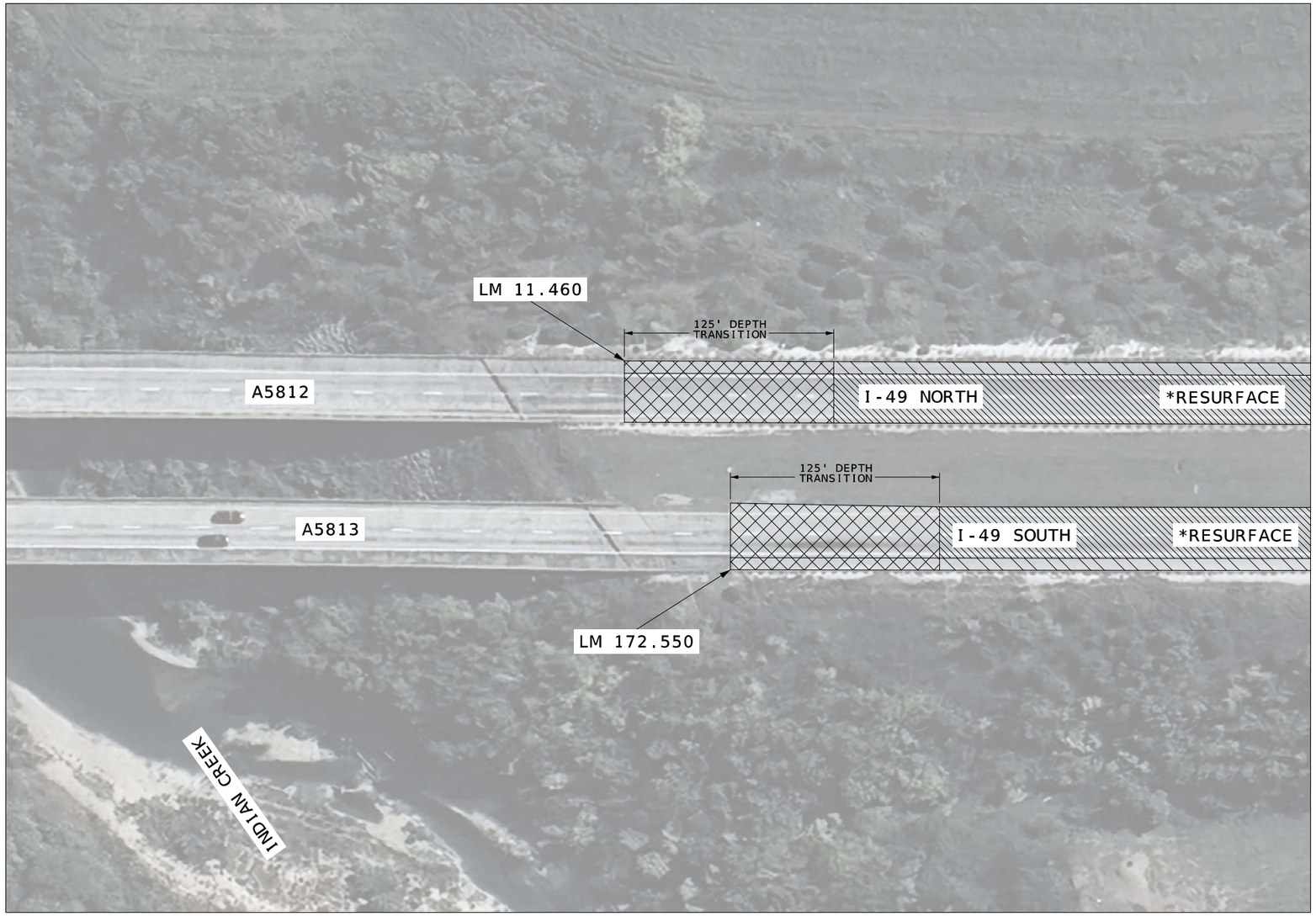
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BRIDGE A5812 & A5813 EXCEPTION



NOTES: MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) *
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.
NOTES: A5812 - NO WORK
A5813 - NO WORK

MILL 0.50" OVERLAY 1.75" SP095C

1.25" DEPTH TRANSITION

1.25" SURFACE LEVEL

NOT TO SCALE
SPECIAL
SHEET 8 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 12:20:09 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/2/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

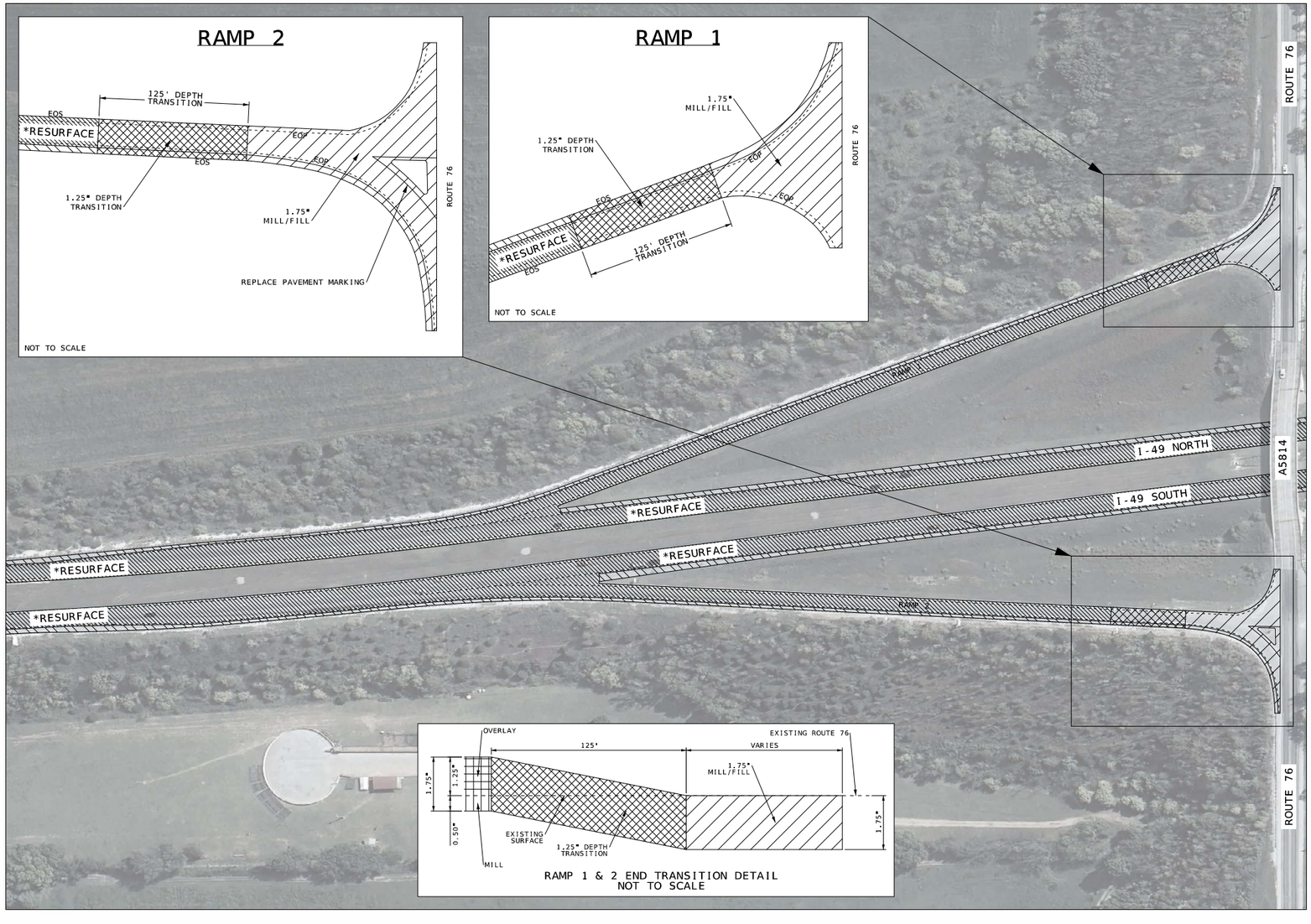
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ROUTE 76 INTERCHANGE NORTH RAMPS



NOTES: MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) *
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.

OVERLAY	MILL 0.50" OVERLAY 1.75" SP095C	1.75" MILL/FILL SP095C
MILL	1.25" SURFACE LEVEL	1.25" DEPTH TRANSITION

NOT TO SCALE
SPECIAL
SHEET 9 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/02/2026 12:20:19 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/2/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

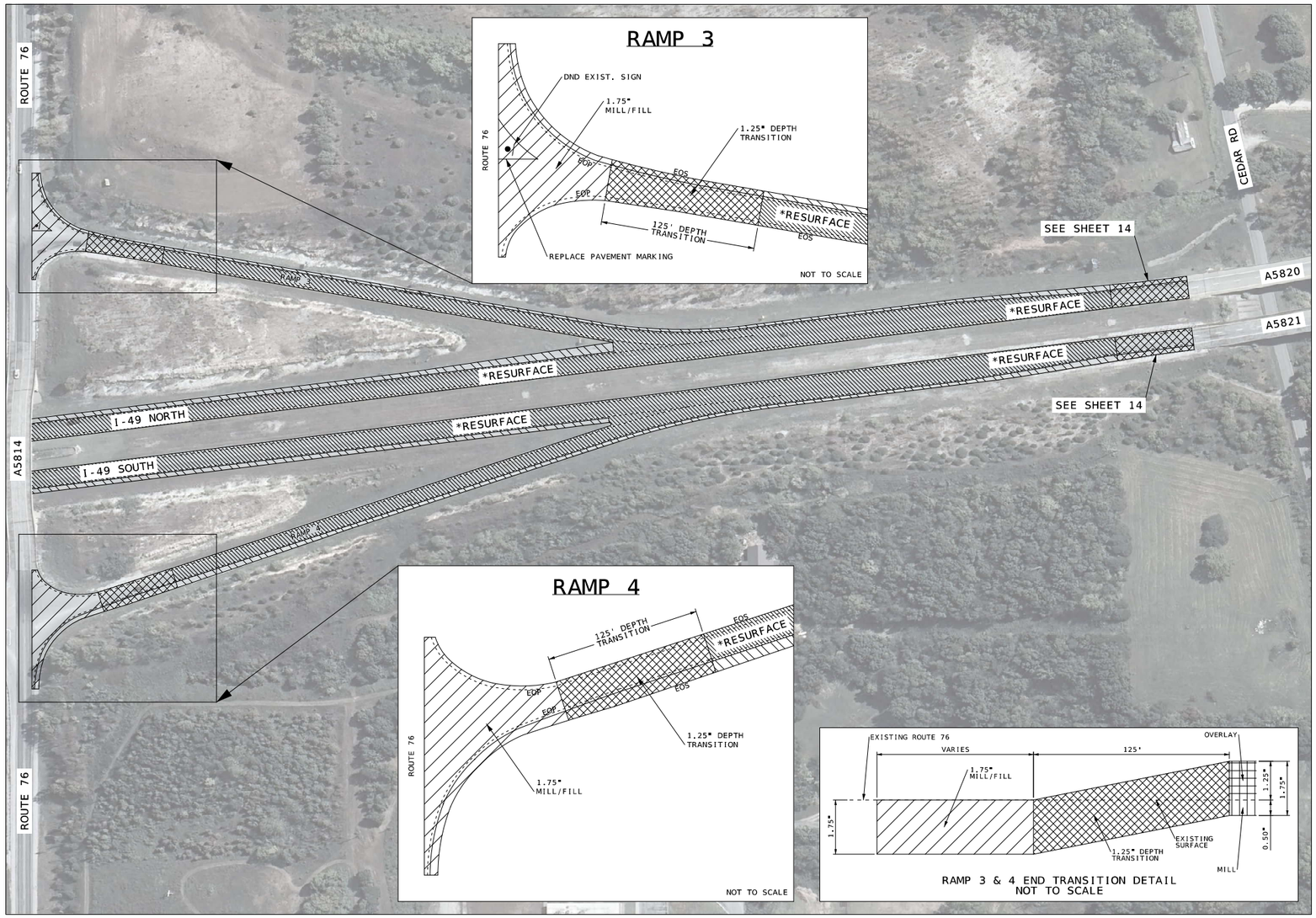
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ROUTE 76 INTERCHANGE SOUTH RAMPS



NOTES: MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) *
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.

OVERLAY
MILL 0.50" OVERLAY 1.75" SP095C
1.75" MILL/FILL SP095C
MILL
1.25" SURFACE LEVEL
1.25" DEPTH TRANSITION

NOT TO SCALE
SPECIAL
SHEET 10 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 12:20:28 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/2/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

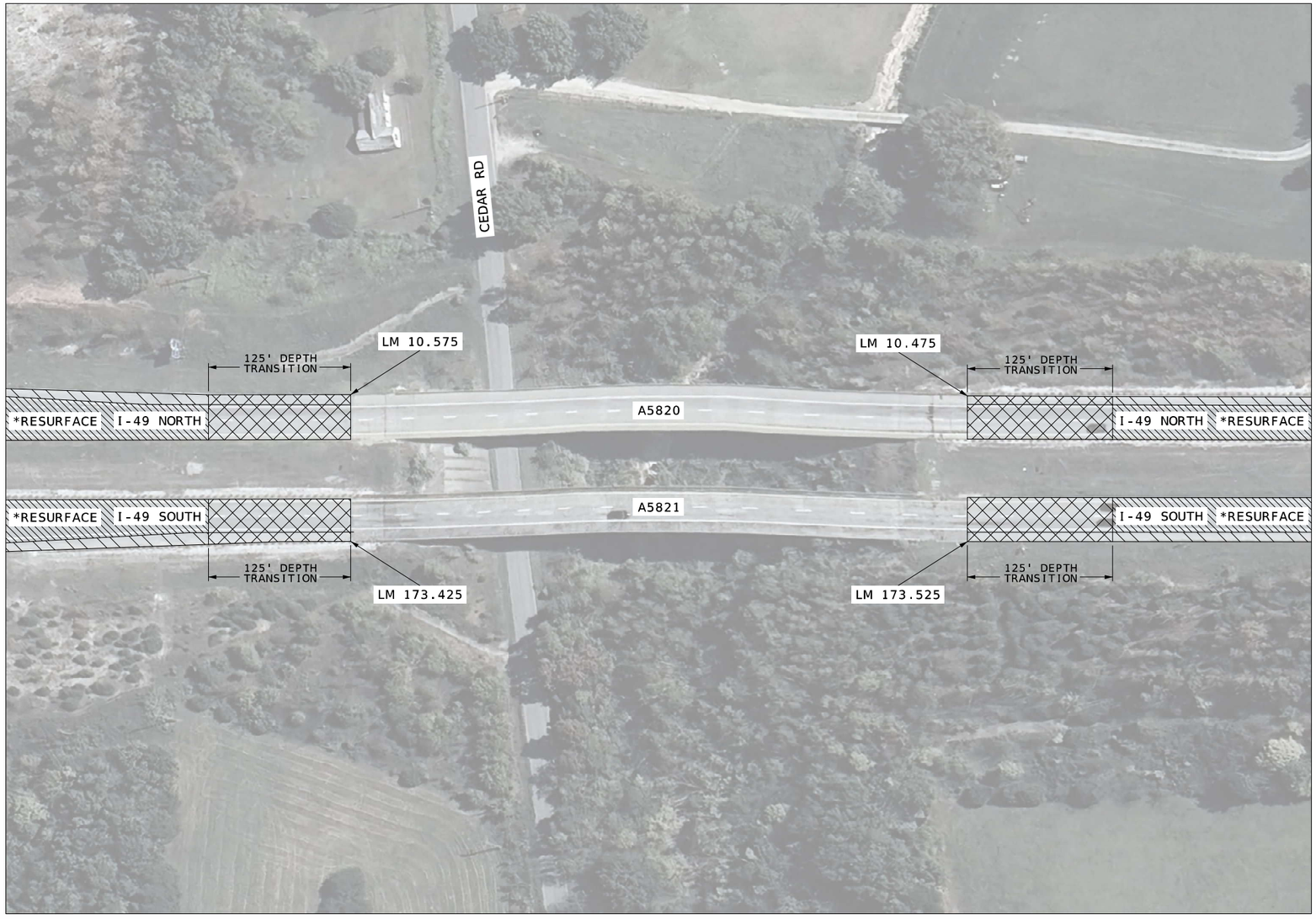
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BRIDGE A5820 & A5821 EXCEPTION



NOTES: MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) *
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.
NOTES: A5820 - NO WORK
A5821 - NO WORK

MILL 0.50" OVERLAY 1.75" SP095C

1.25" DEPTH TRANSITION

1.25" SURFACE LEVEL

NOT TO SCALE
SPECIAL
SHEET 11 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:19:19 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

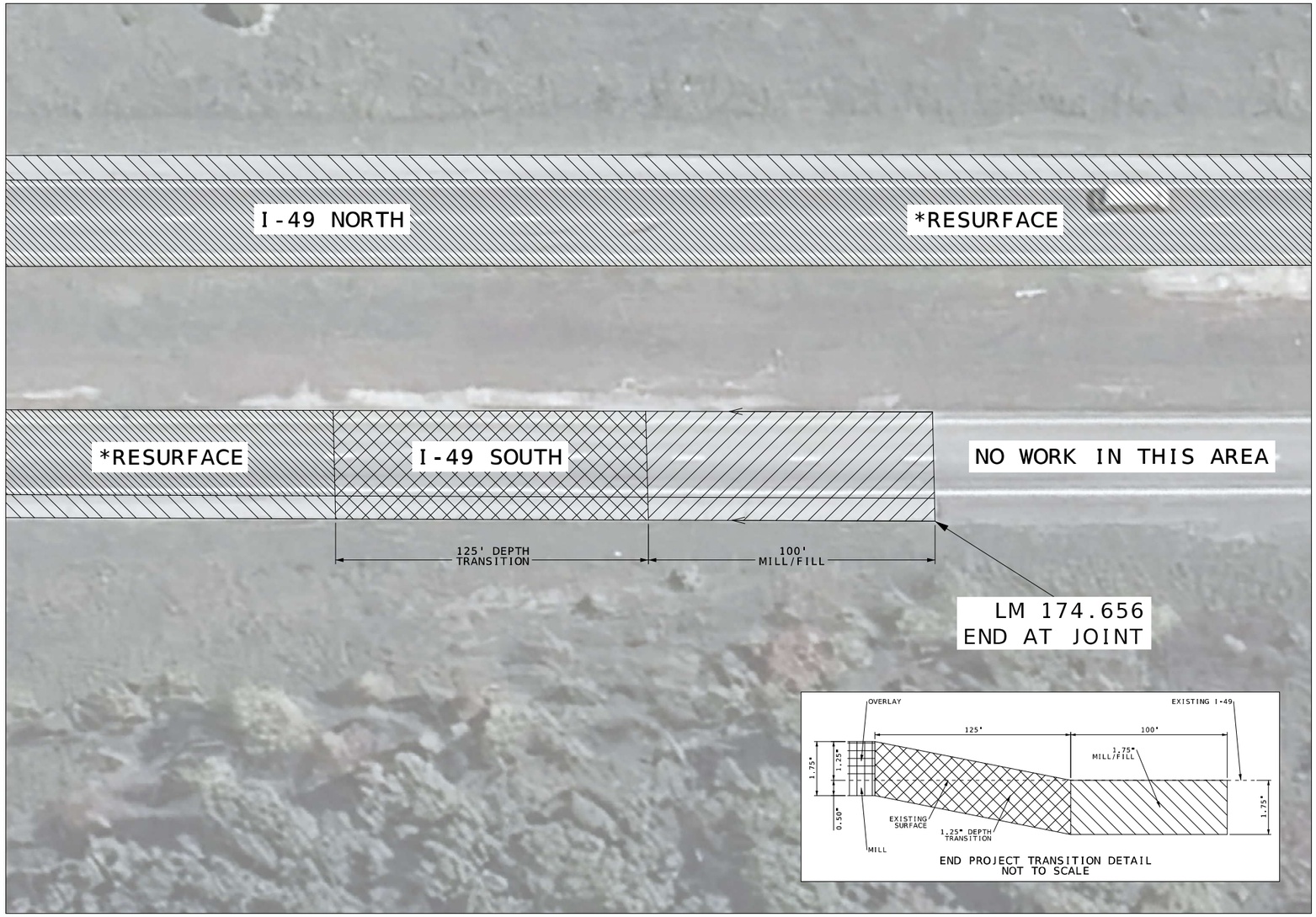
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

END PROJECT SB LANES



END PROJECT TRANSITION DETAIL
NOT TO SCALE

NOTES: MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) *
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.

END PROJECT IN SOUTHBOUND LANES
APPROX. 500 FEET NORTH OF BUSINESS 71 OVERPASS.

OVERLAY
MILL 0.50" OVERLAY 1.75" SP095C
1.75" MILL/FILL SP095C
MILL
1.25" SURFACE LEVEL
1.25" DEPTH TRANSITION

NOT TO SCALE
SPECIAL
SHEET 12 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:19:28 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

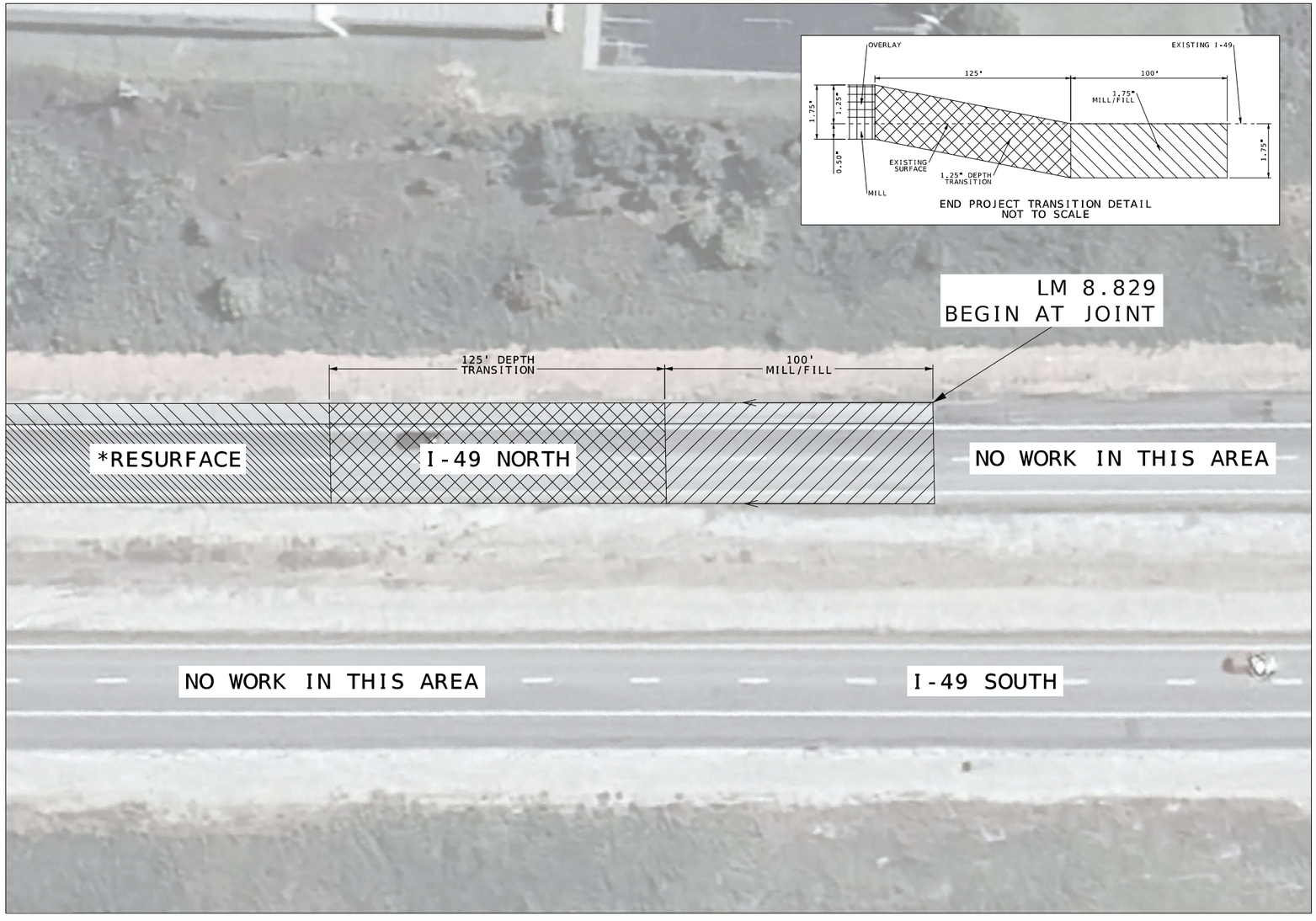
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

END PROJECT NB LANES



NOTES: MILL 0.5" AND OVERLAY 1.75" SP095C (PG 70-22) *
DRIVING LANES, INSIDE SHOULDER, AND 2' OF OUTSIDE SHOULDER.
1.25" SL (PG64-22) OVERLAY REMAINING OUTSIDE SHOULDER.

END PROJECT IN NORTHBOUND LANES
APPROX. 2,160 FEET SOUTH OF BUSINESS 71 OVERPASS.

OVERLAY

MILL 0.50" OVERLAY
1.75" SP095C

1.75" MILL/FILL
SP095C

MILL

1.25" SURFACE
LEVEL

1.25" DEPTH
TRANSITION

NOT TO SCALE
SPECIAL
SHEET 13 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:24:10 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

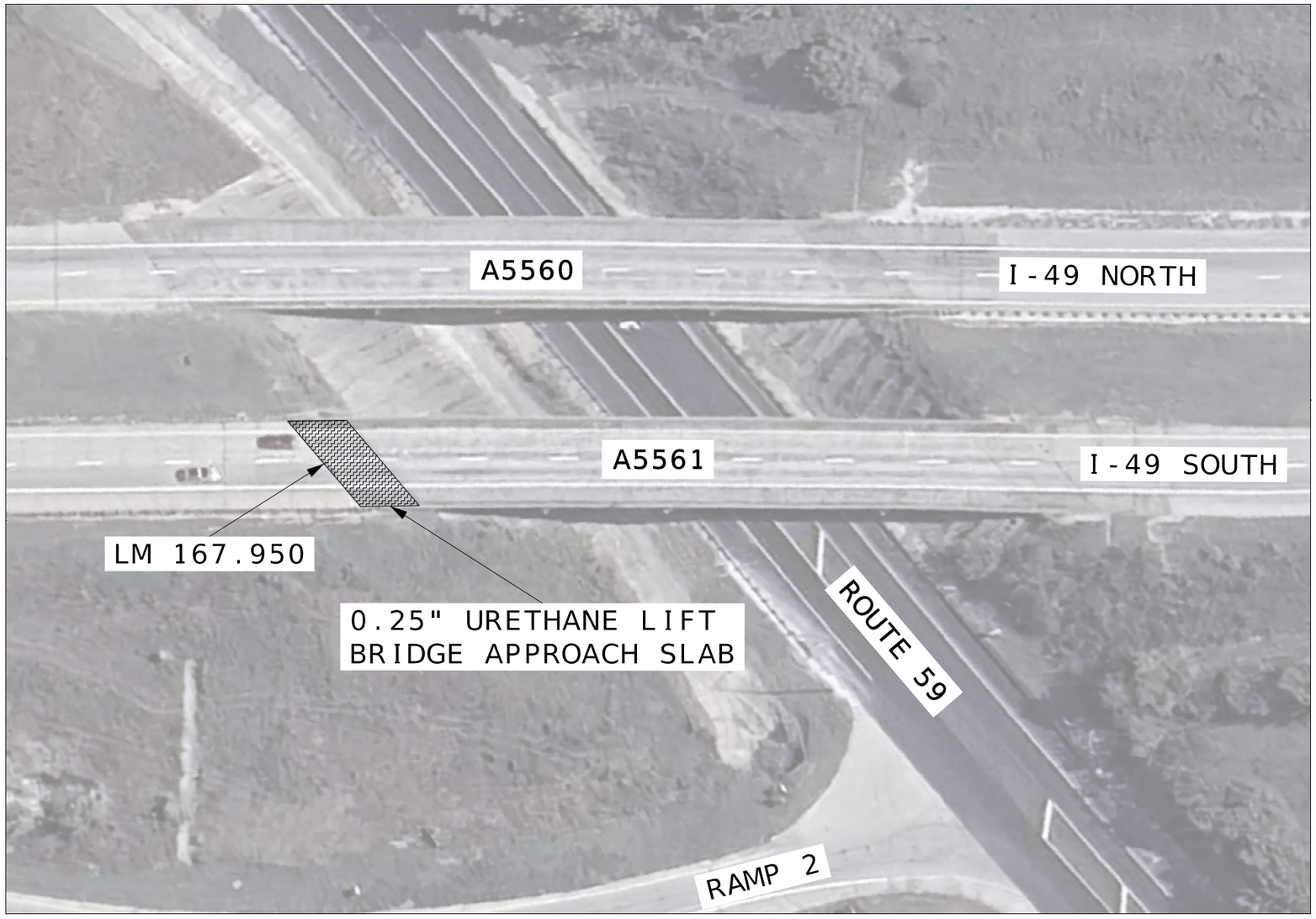
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BRIDGE A5561 URETHANE LIFT



NOTES: A5561 - 0.25" URETHANE LIFT OF NORTH BRIDGE APPROACH SLAB
ALL URETHANE LIFTS SHALL BE COMPLETED PRIOR TO THE APPLICATION OF HIGH FRICTION SURFACE TREATMENT

URETHANE LIFT

NOT TO SCALE
SPECIAL
SHEET 14 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:24:10 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
MCDONALD

JOB NO.
JSR0016

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)

BRIDGE A5815 URETHANE LIFT



NOTES: A5815 - 0.25" URETHANE LIFT OF NORTH & SOUTH BRIDGE APPROACH SLAB
ALL URETHANE LIFTS SHALL BE COMPLETED PRIOR TO THE
APPLICATION OF HIGH FRICTION SURFACE TREATMENT

URETHANE LIFT

NOT TO SCALE
SPECIAL
SHEET 15 OF 15

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:24:29 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

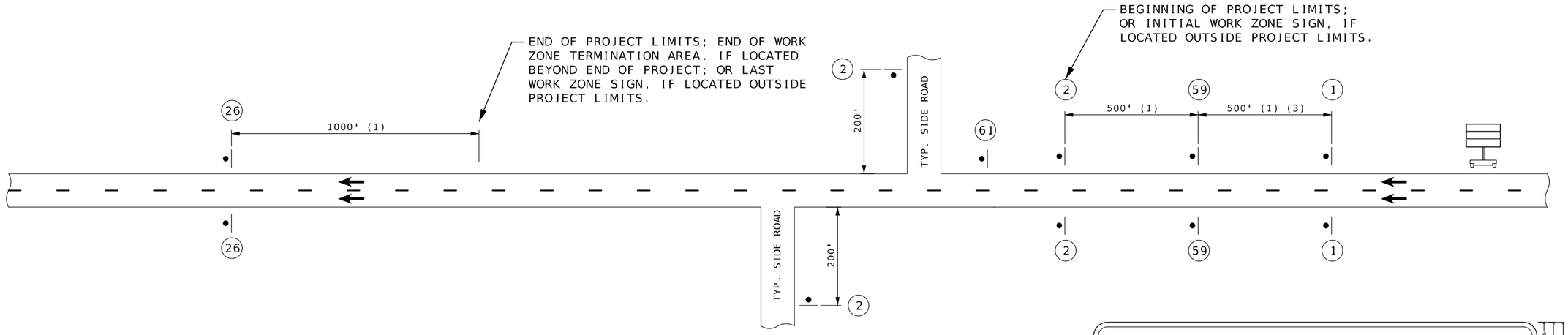
DATE	DESCRIPTION

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

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

(DIVIDED HIGHWAY)

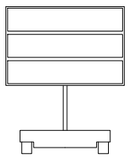
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(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.

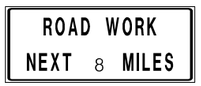


(4)



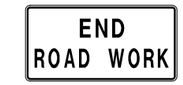
CONST-8

59 (3)



GO20-1

1 (5)



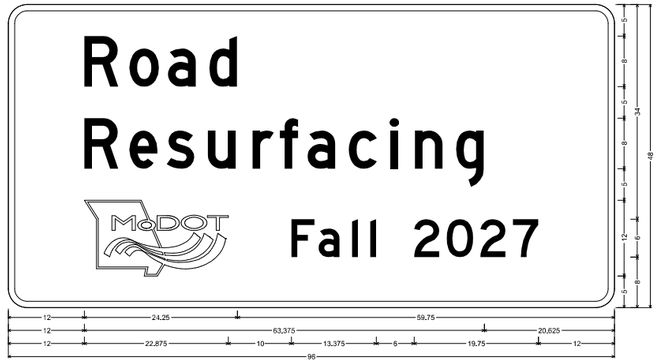
GO20-2

26 (5)



WO20-1

2



CONST-5-96

61 (2)

NOT TO SCALE
TRAFFIC CONTROL
SHEET 1 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 12:20:30 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/2/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
MCDONALD

JOB NO.
JSR0016

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: 8/5/2026

STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY

SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	DIVIDED (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	500	450	495	540	360	40	80
50-55	1000	550	605	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

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

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE, THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED. AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.

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



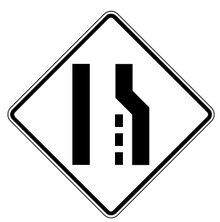
WO20-1

(2)



WO20-5

(5)



WO4-2R

(6A)

GO20-5aP





R2-1

(54)

(4)



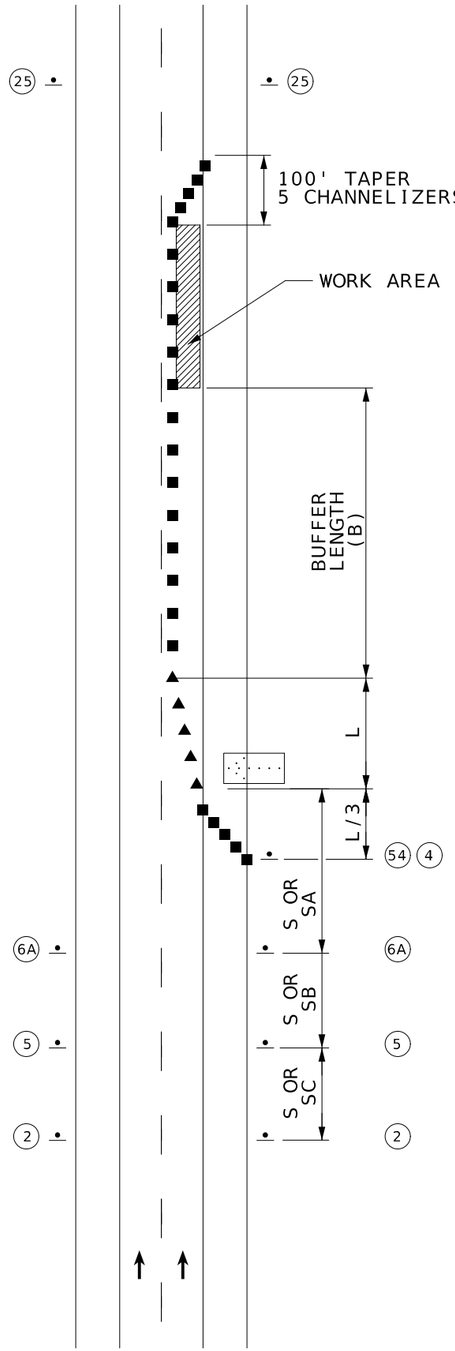
R2-1

(25)

(NORMAL SPEED)

TRAFFIC CONTROL LEGEND

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



NOT TO SCALE
TRAFFIC CONTROL
SHEET 2 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 12:20:39 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/2/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

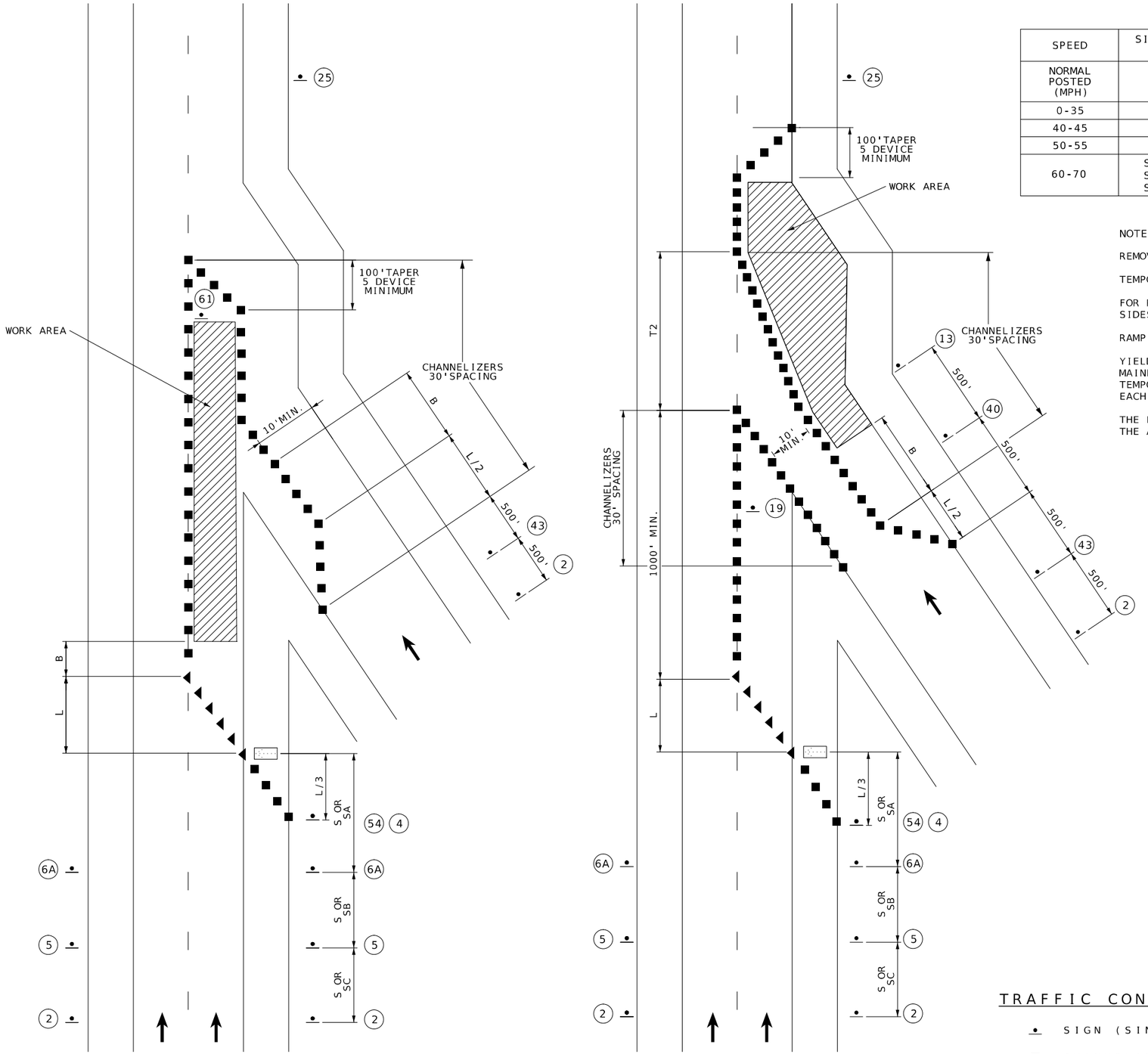
PROJECT NO.

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



WORK IN THE VICINITY OF AN ENTRANCE RAMP

SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	DIVIDED (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	500	450	495	540	360	40	80
50-55	1000	550	605	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

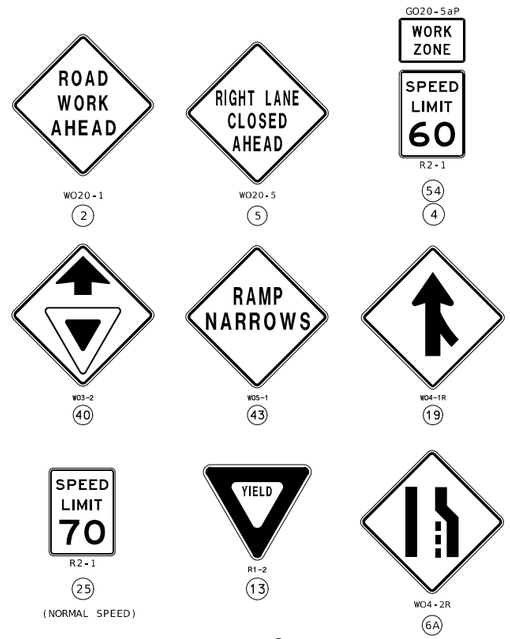
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR RAMPS WITH SHARP CURVES OR MULTIPLE LANES, RAMP SIGNS MAY BE PLACED ON BOTH SIDES OF THE RAMP.

RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.

YIELD SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC. WHERE INADEQUATE ACCELERATION DISTANCE EXISTS FOR THE TEMPORARY ENTRANCE, THE YIELD SIGN SHALL BE REPLACED WITH STOP SIGNS (ONE ON EACH SIDE OF THE APPROACH).

THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORISTS ON THE RAMP.



TRAFFIC CONTROL LEGEND

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

NOT TO SCALE
TRAFFIC CONTROL
SHEET 3 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:24:40 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	21

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

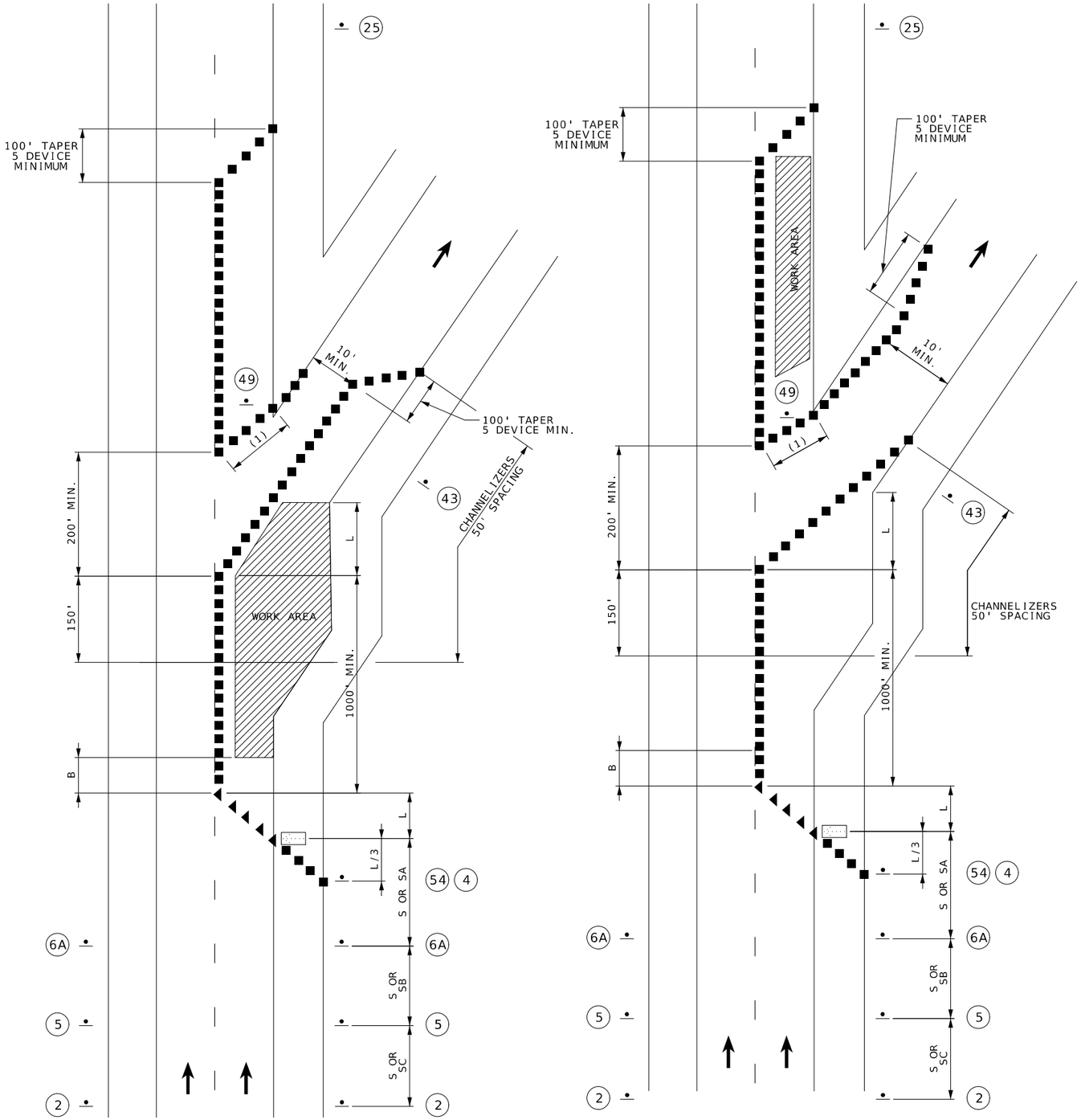
PROJECT NO.

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



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	DIVIDED (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	500	450	495	540	360	40	80
50-55	1000	550	605	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

(1) 5 CHANNELIZER DEVICE MINIMUM.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.



WO20-1

2



WO20-5

5

LEFT

GO20-5aP

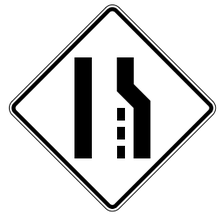




R2-1

54

4



WO4-2R

6A



WO5-1

43



R2-1

25

(NORMAL SPEED)



E05-1

49

TRAFFIC CONTROL LEGEND

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

WORK IN THE VICINITY OF AN EXIT RAMP

NOT TO SCALE
TRAFFIC CONTROL
SHEET 4 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:25:29 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
MCDONALD

JOB NO.
JSR0016

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

RIGHT SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT (DIVIDED HIGHWAY)

SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	DIVIDED (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	500	450	495	540	360	40	80
50-55	1000	550	605	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	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)



WO21-5bR

(21B)



WO21-5aR

(21A)



R2-1

(25)

(NORMAL SPEED)



WO5-1





(1)

WO7-3a

(43) *

GO20-5aP





R2-1

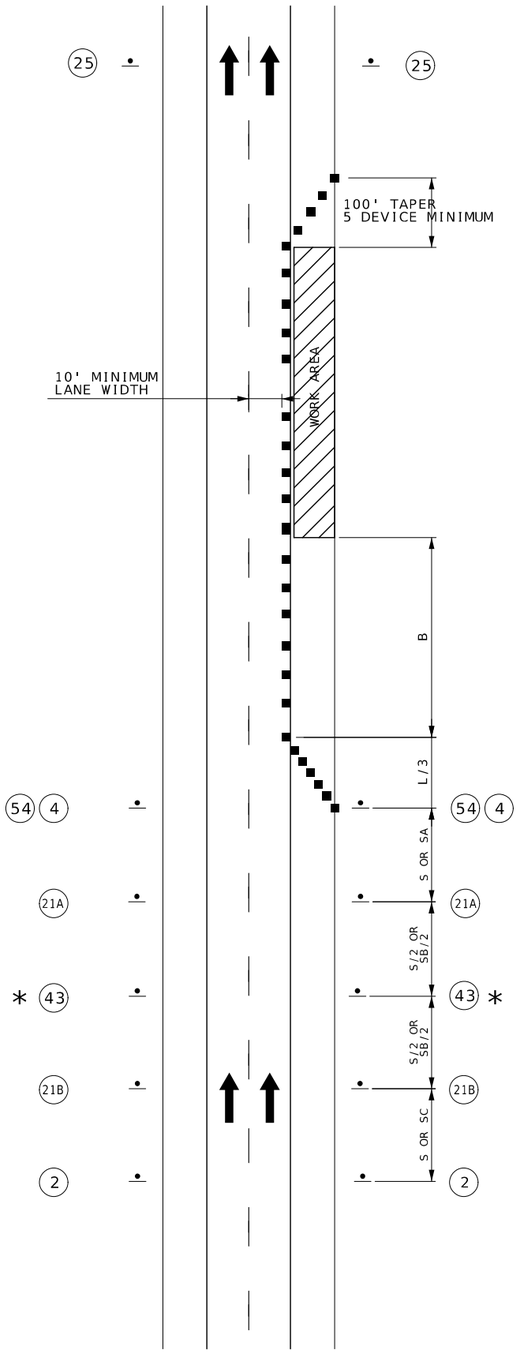
(54)
(4)

* OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

■ CHANNELIZER



NOT TO SCALE
TRAFFIC CONTROL
SHEET 5 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:25:38 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	23

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

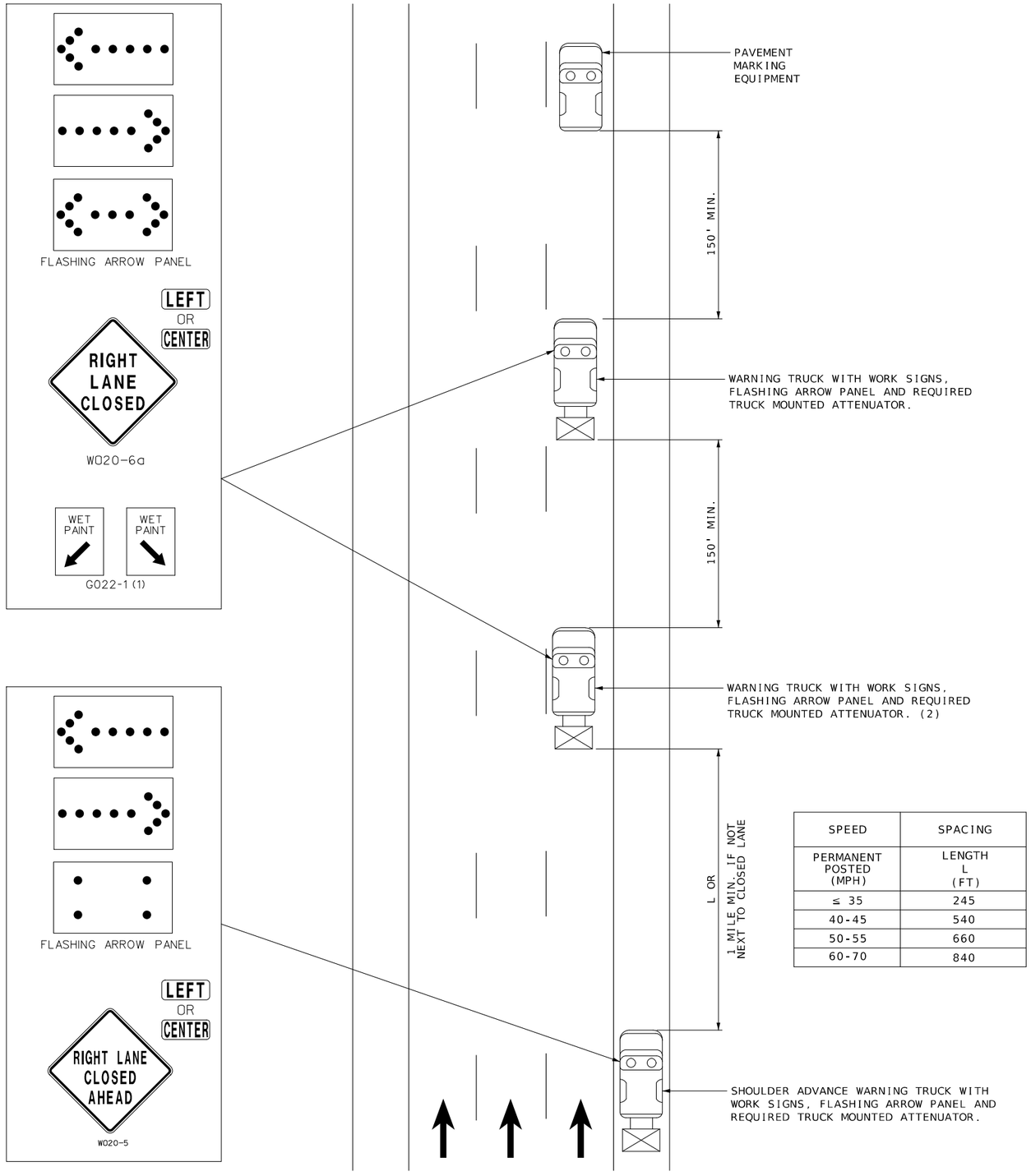
BRIDGE NO.

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



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

PAVEMENT MARKING ON DIVIDED 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.

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.

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:25:40 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
SW	24

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

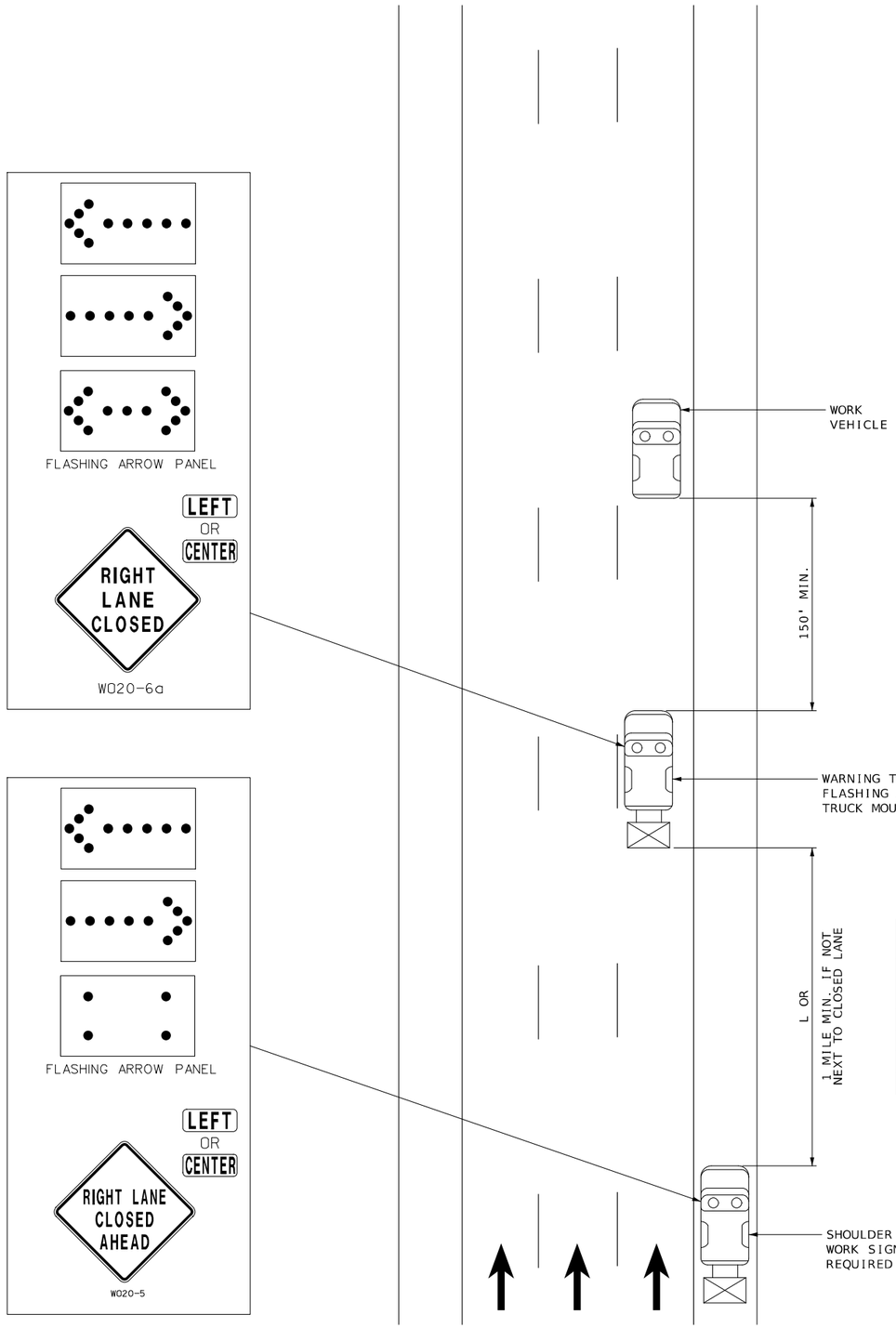
PROJECT NO.

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



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

MOBILE ON MULTI-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.

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.

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 11:25:49 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
I-49	MO

DISTRICT	SHEET NO.
SW	25

COUNTY
MCDONALD

JOB NO.
JSR0016

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
TRAFFIC CONTROL
SHEET 7 OF 8

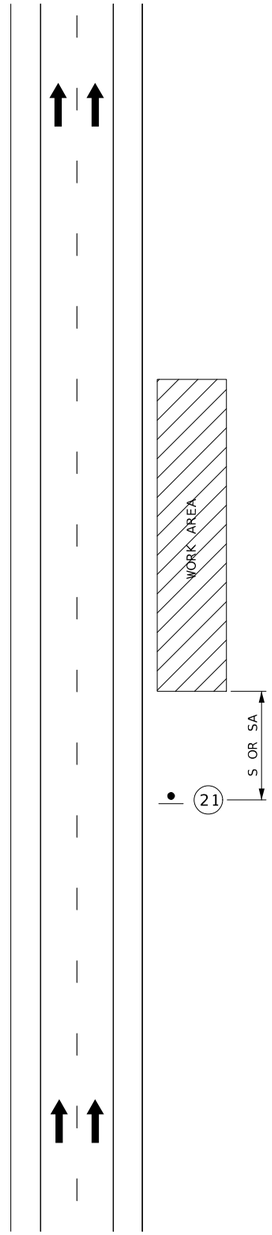
REVISED: 2/19/2026

NOTE:

IF THE WORK SPACE IS IN THE MEDIAN OF A DIVIDED HIGHWAY,AN ADVANCE WARNING SIGN SHOULD ALSO BE PLACED ON THE LEFT-HAND SIDE OF THE DIRECTIONAL ROADWAY

WORK BEYOND THE SHOULDER

(DIVIDED HIGHWAY)



SPEED	SIGN SPACING (FT) (1)
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)
0-35	200
40-45	500
50-55	1000
60-70	SA - 1000 SB - 1500 SC - 2640

SPACING NOTES:

(1) SPACING BETWEEN SIGNS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.



WO21-5

21

NOT TO SCALE
TRAFFIC CONTROL
SHEET 8 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
05/10/2026 11:26:30 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/6/2026

ROUTE	STATE
I-49	MO

DISTRICT	SHEET NO.
SW	26

COUNTY: MCDONALD

JOB NO.: JSR0016

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

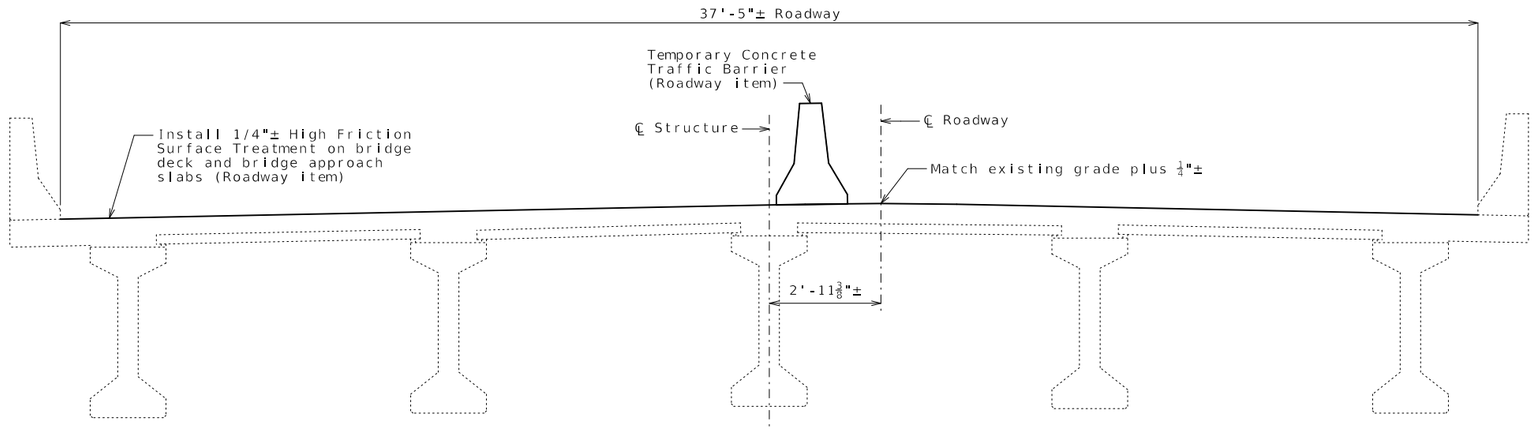
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SEC/SUR 18 TWP 23N RGE 32W

U.I.P. AND REHABILITATE EXISTING (52.49'-52.49'-93.50'-65.62') PRESTRESSED CONCRETE I-GIRDER SPANS (SKEW: 40°08'21" R.A.)



TYPICAL SECTION THRU EXISTING DECK

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 6

Design Loading:

HS18 Modified (1996)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

In order to maintain grade and a minimum thickness of wearing surface as shown on plans it may be necessary to use additional quantities of wearing surface at various locations throughout the structure. The cost of furnishing and installing the wearing surface will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of wearing surface.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE:
ROUTE I-49 NB OVER ROUTE 59/BUS. 71

ROUTE I-49 FROM 76 TO ROUTE B
ABOUT 1.2 MILES SOUTH OF ROUTE B
BEGINNING STATION 141+69.16± (Match Existing)

STATE OF MISSOURI
GARRETT L. HAGER
NUMBER PE-2023000437
PROFESSIONAL ENGINEER
Garrett L Hager
GARRETT L. HAGER - CIVIL
MO-PE-2023000437

DATE PREPARED
7/30/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
BR	1

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A55601

DESCRIPTION	DATE

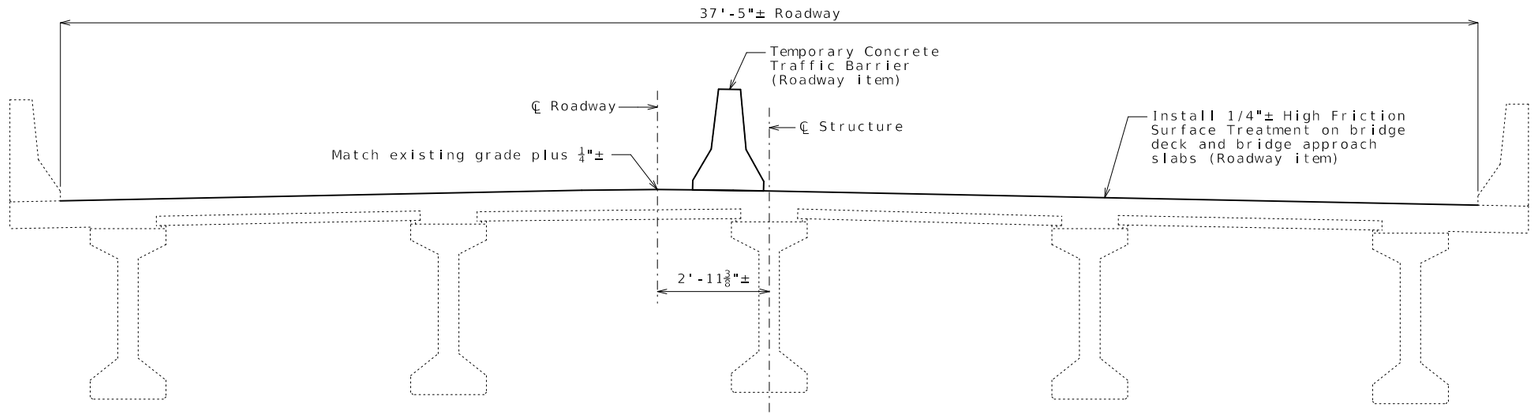
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Detailed June 2026
Checked July 2026

Note: This drawing is not to scale. Follow dimensions.

U.I.P. AND REHABILITATE EXISTING (52.49'-52.49'-93.50'-65.62') PRESTRESSED CONCRETE I-GIRDER SPANS (SKEW: 40°08'21" R.A.)

SEC/SUR 18 TWP 23N RGE 32W



TYPICAL SECTION THRU EXISTING DECK

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 6

Design Loading:

HS18 Modified (1996)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

In order to maintain grade and a minimum thickness of wearing surface as shown on plans it may be necessary to use additional quantities of wearing surface at various locations throughout the structure. The cost of furnishing and installing the wearing surface will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of wearing surface.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE:
ROUTE I-49 SB OVER ROUTE 59/BUS. 71

ROUTE I-49 FROM ROUTE B TO ROUTE 76
ABOUT 1.2 MILES SOUTH OF ROUTE B
BEGINNING STATION 142+38.88± (Match Existing)

STATE OF MISSOURI
GARRETT L. HAGER
NUMBER PE-2023000437
PROFESSIONAL ENGINEER
Garrett L Hager
GARRETT L. HAGER - CIVIL
MO-PE-2023000437

DATE PREPARED
7/30/2026

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
BR	1

COUNTY
MCDONALD

JOB NO.
JSR0016

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A55611

DESCRIPTION	DATE

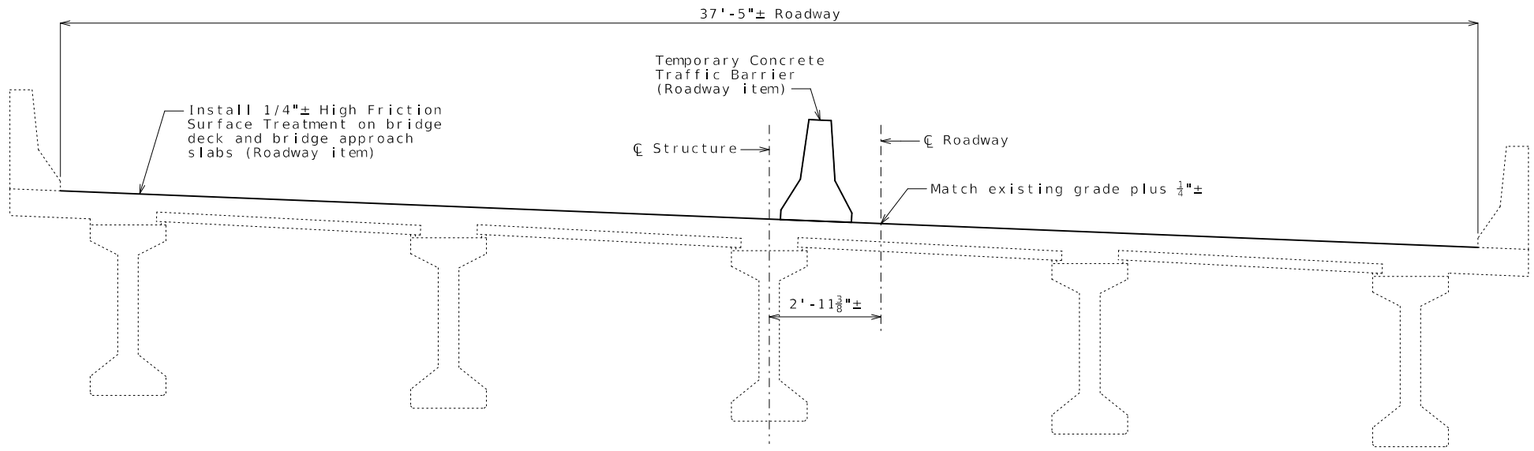
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Detailed June 2026
Checked July 2026

Note: This drawing is not to scale. Follow dimensions.

U.I.P. AND REHABILITATE EXISTING (52.49'-88.58'-88.58'-88.58'-88.58') PRESTRESSED CONCRETE I-GIRDER SPANS (SKEW: VARIES R.A.)

SEC/SUR 17 TWP 23N RGE 32W



TYPICAL SECTION THRU EXISTING DECK

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 6

Design Loading:

HS18 Modified (1996)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

In order to maintain grade and a minimum thickness of wearing surface as shown on plans it may be necessary to use additional quantities of wearing surface at various locations throughout the structure. The cost of furnishing and installing the wearing surface will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of wearing surface.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE I-49 NB OVER CPKC RR

ROUTE I-49 FROM ROUTE 76 TO ROUTE 59
ABOUT 0.3 MILES SOUTH OF ROUTE 59
BEGINNING STATION 156+78.58± (Match Existing)

STATE OF MISSOURI
GARRETT L HAGER
NUMBER PE-2023000437
PROFESSIONAL ENGINEER
GARRETT L. HAGER - CIVIL
MO-PE-2023000437

DATE PREPARED 7/30/2026
ROUTE I-49 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY MCDONALD
JOB NO. JSR0016
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A58151

DESCRIPTION | DATE

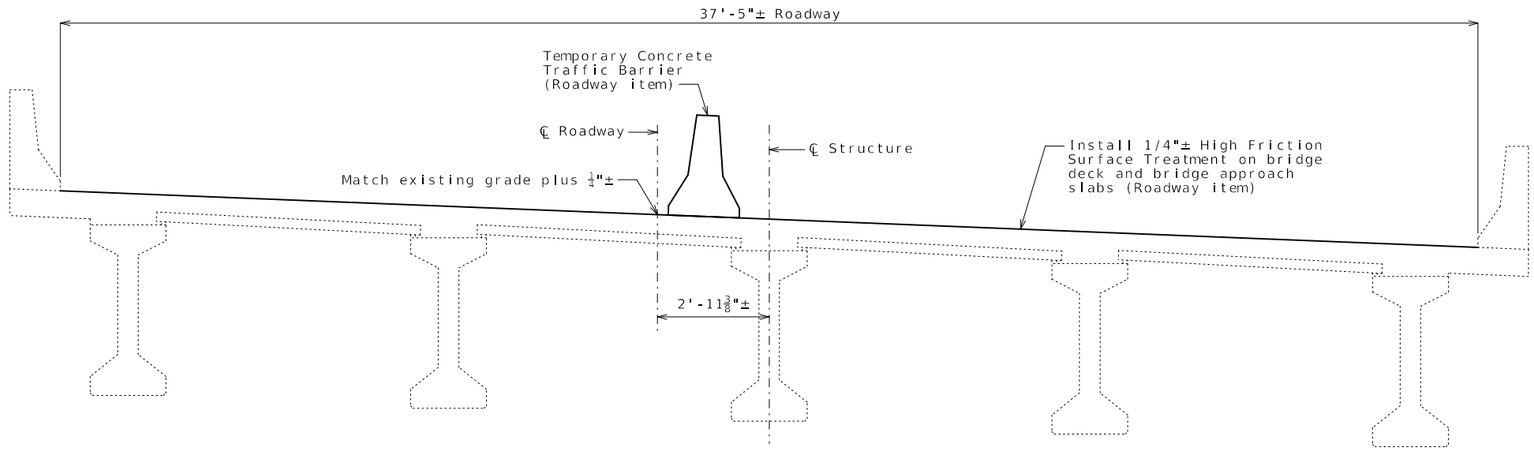
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Detailed June 2026
Checked July 2026

Note: This drawing is not to scale. Follow dimensions.

U.I.P. AND REHABILITATE EXISTING (52.49'-88.58'-88.58'-88.58'-88.58') PRESTRESSED CONCRETE I-GIRDER SPANS (SKEW: VARIES R.A.)

SEC/SUR 17 TWP 23N RGE 32W



TYPICAL SECTION THRU EXISTING DECK

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 6

Design Loading:

HS18 Modified (1996)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

In order to maintain grade and a minimum thickness of wearing surface as shown on plans it may be necessary to use additional quantities of wearing surface at various locations throughout the structure. The cost of furnishing and installing the wearing surface will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of wearing surface.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE I-49 SB OVER CPKC RR

ROUTE I-49 FROM ROUTE 59 TO ROUTE 76
ABOUT 0.3 MILES SOUTH OF ROUTE 59
BEGINNING STATION 157+11.61± (Match Existing)

STATE OF MISSOURI
GARRETT L. HAGER
NUMBER PE-2023000437
PROFESSIONAL ENGINEER
GARRETT L. HAGER - CIVIL
MO-PE-2023000437

DATE PREPARED 7/30/2026
ROUTE I-49 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY MCDONALD
JOB NO. JSR0016
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A58161

DESCRIPTION	DATE

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

Detailed June 2026
Checked July 2026

Note: This drawing is not to scale. Follow dimensions.