DESIGN DESIGNATION

A.A.D.T. – 2025 = 18,021
A.A.D.T. – 2035 = 18,943
D.H.V. = 9.05%
T = 6.69%
V = 45/35 M.P.H.
D (N/S) = 50.1% / 49.9%
FUNCTIONAL CLASSIFICATION– PRINCIPAL ARTERIAL

NO NEW R/W REQUIRED

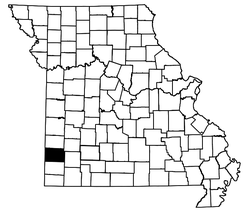
CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	FO
OVERHEAD CABLE TV	-OTV-	OTV
UNDERGROUND CABLE TV	-UTV-	UTV
OVERHEAD TELEPHONE	-OT-	OT
UNDERGROUND TELEPHONE	-UT-	UT
OVERHEAD POWER	-OE-	OE
UNDERGROUND POWER	-UE-	UE
SANITARY SEWER	-S-	S
STORM SEWER	-SS-	SS
GAS	-G-	G
WATER	-W-	W
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	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 JASPER COUNTY



KEY MAP
SHOWING LOCATION OF JASPER 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) (5 SHEETS)	2
QUANTITIES (QU) (4 SHEETS)	3
SPECIAL SHEETS (SS)	4-8
TRAFFIC CONTROL SHEETS (TC)	9-20
BRIDGE DRAWINGS (B)	
J03393	1
K04152	1

LENGTH OF PROJECT

BEGINNING OF PROJECT	LOG MILE	49.141
END OF PROJECT	LOG MILE	52.120
APPARENT LENGTH	15,729.12	FEET
EQUATIONS AND EXCEPTIONS:		
TOTAL CORRECTIONS	0.00	FEET
NET LENGTH OF PROJECT	15,729.12	FEET
STATE LENGTH	2.979	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.1	ACRES

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 7:19:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

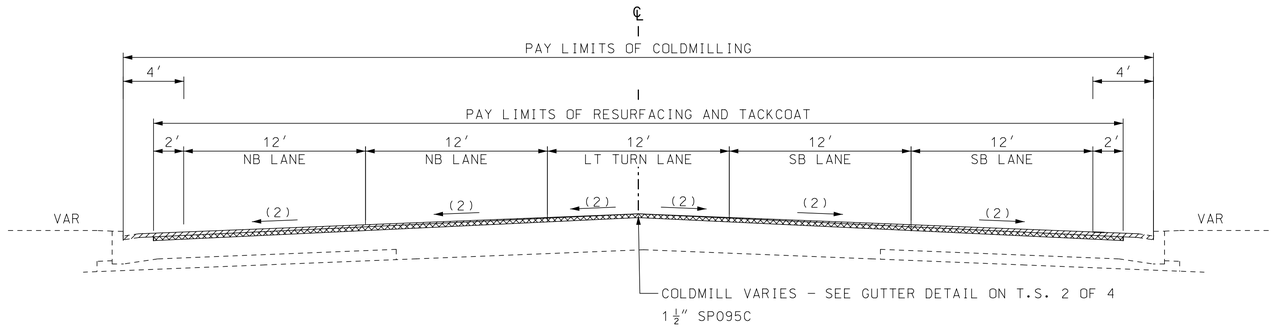
DATE PREPARED: 10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	1

COUNTY: JASPER
JOB NO.: JSR0017
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

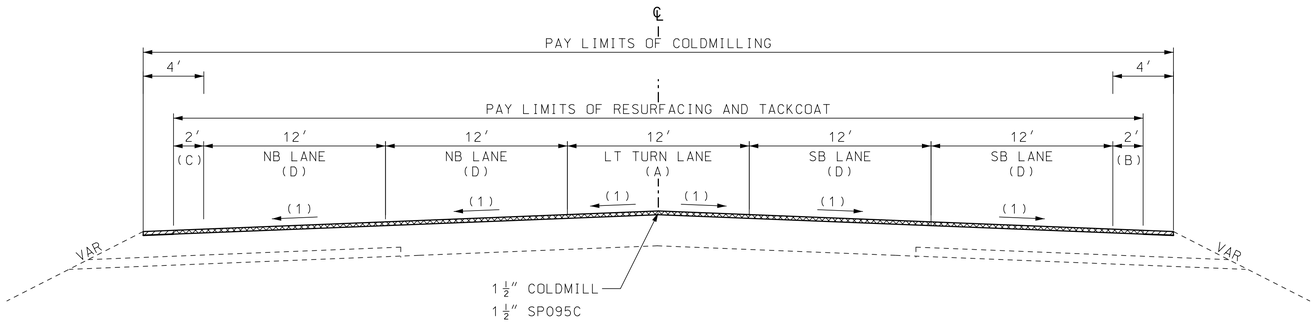
DESCRIPTION	DATE

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



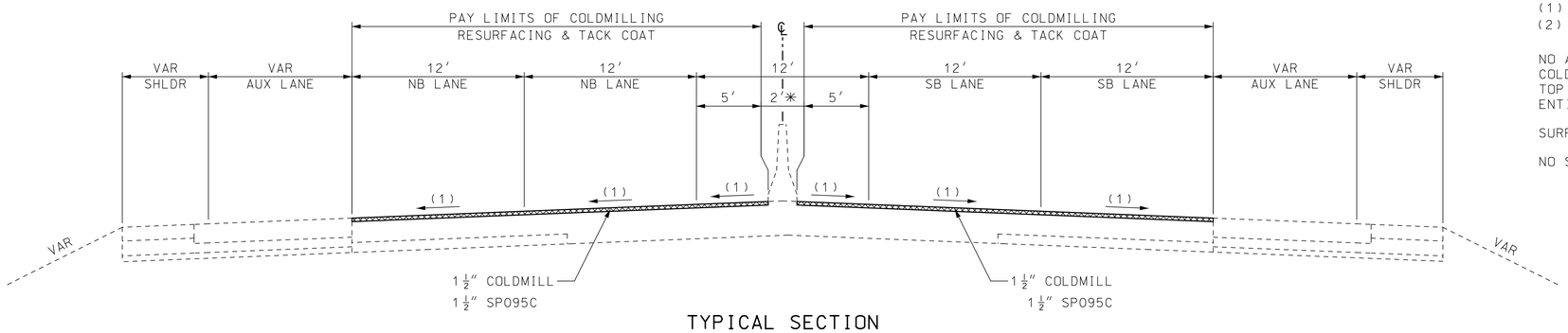
TYPICAL SECTION
ROUTE 43

LOG MILE 49.141 TO LOG MILE 49.281



TYPICAL SECTION
ROUTE 43

LOG MILE 49.281 TO LOG MILE 50.747
LOG MILE 51.361 TO LOG MILE 51.830
LOG MILE 51.889 TO LOG MILE 52.020
LOG MILE 52.090 TO LOG MILE 52.120



TYPICAL SECTION
ROUTE 43

LOG MILE 50.747 TO LOG MILE 51.172

✳ EXISTING TYPE A CONCRETE TRAFFIC BARRIER ENDS AT LOG MILE 51.093. MILL & FILL FULL 12′ LEFT TURN LANE FROM LOG MILE 51.093 TO LOG MILE 51.172.

DRAWING IS NOT TO SCALE

ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SP095C (PG70-22)	1.960 TONS/CY	5.8
TACK COAT		
MILLING	0.10 GAL/SY	
IRREGULARITIES: 75 TONS/MI		

PAVEMENT WIDTH TRANSITIONS

(A) TRANS FROM 0′ AT LM 51.378 TO 12′ AT LM 51.447.

TRANS FROM 12′ AT LM 51.947 TO 0′ AT LM 51.988.

(B) 2′ FROM LM 51.327 TO LM 51.338.

TRANS FROM 2′ AT LM 51.360 TO 8′ AT LM 51.386 TO 4′ AT LM 51.459.

TRANS FROM 2′ AT LM 51.947 TO 6′ AT LM 52.003 TO 0′ AT LM 52.013.

(C) TRANS FROM 3′ AT LM 51.360 TO 6′ AT LM 51.393 TO 2′ AT LM 51.459.

TRANS FROM 4′ AT LM 51.947 TO 8′ AT LM 52.003 TO 0′ AT LM 52.013.

(D) TRANS FROM 12′ AT LM 51.988 TO 10.5′ AT LM 52.020.

NOTES:

(1) MATCH EXISTING CROSS-SLOPE
(2) MATCH PAVEMENT TO EXISTING TOP OF CONCRETE GUTTER

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

SP095C (PG70-22) COLDMILLING

TYPICAL SECTION
SHEET 1 OF 5

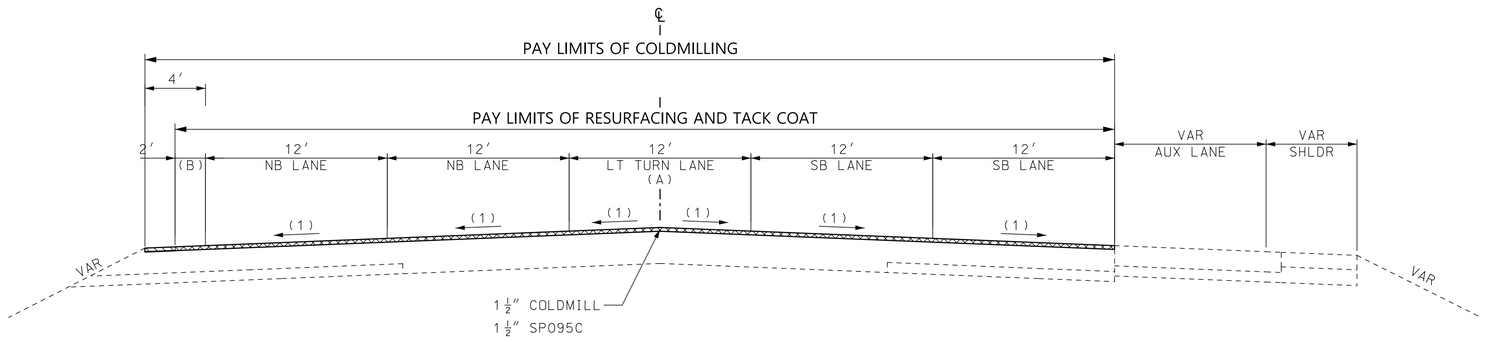
STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 7:26:16 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/5/2026
ROUTE: 43 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: JSR0017
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 WIDTH TRANSITIONS

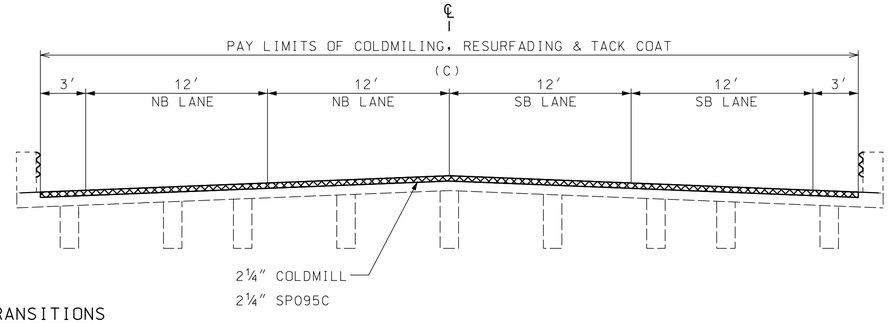
(A) TRANS FROM 12′ AT LM 51.251 TO 0′ AT LM 51.327.

(B) TRANS FROM 2′ AT LM 51.251 TO 8′ AT LM 51.317 TO 3′ AT LM 51.338.

TYPICAL SECTION
ROUTE 43

LOG MILE 51.172 TO LOG MILE 51.339
LOG MILE 51.830 TO LOG MILE 51.889

ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SP095C (PG70-22)	1.960 TONS/CY	5.8
TACK COAT		
MILLING		0.10 GAL/SY
IRREGULARITIES: 75 TONS/MI		



NOTES:

(1) MATCH EXISTING CROSS-SLOPE

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

PAVEMENT DEPTH TRANSITIONS

(C) TRANS FROM 1½″ AT LM 51.313 TO 2¼″ AT LM 51.327.

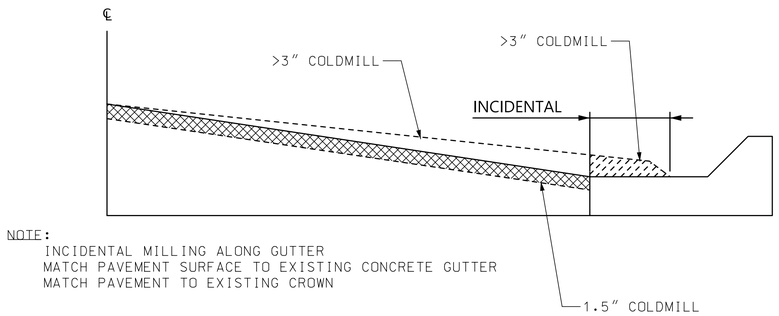
TRANS FROM 2¼″ AT LM 51.365 TO 1½″ AT LM 51.379

(D) TRANS FROM 1½″ AT LM 52.007 TO 2¼″ AT LM 52.021

TRANS FROM 2¼″ AT LM 52.090 TO 1½″ AT LM 52.104

BRIDGE J0339

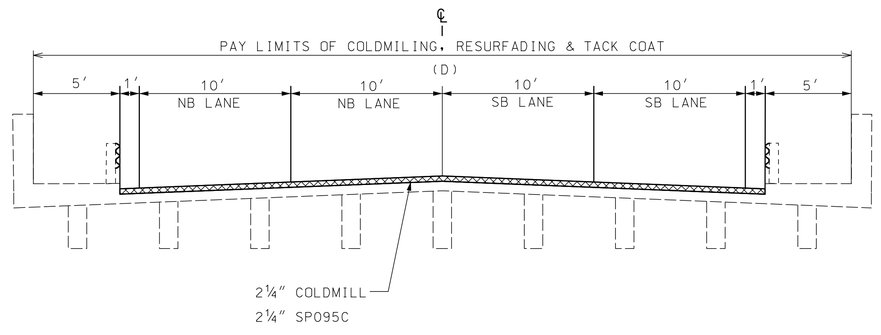
LOG MILE 51.339 TO LOG MILE 51.361



NOTE:
INCIDENTAL MILLING ALONG GUTTER
MATCH PAVEMENT SURFACE TO EXISTING CONCRETE GUTTER
MATCH PAVEMENT TO EXISTING CROWN

GUTTER SECTION

LOG MILE 49.141 TO LOG MILE 49.281



BRIDGE K4015

LOG MILE 52.020 TO LOG MILE 52.090

SP095C (PG70-22) COLDMILLING

DRAWING IS NOT TO SCALE

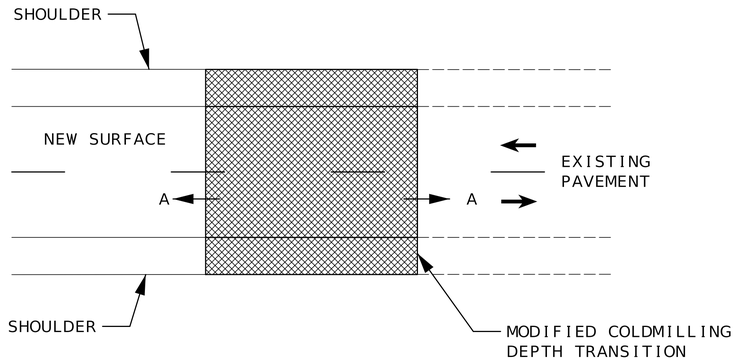
TYPICAL SECTION
SHEET 2 OF 5

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 7:26:27 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

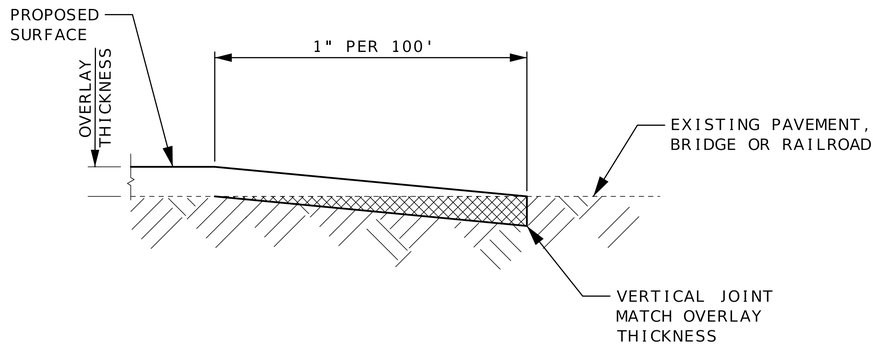
DATE PREPARED: 10/5/2026
ROUTE: 43 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: JSR0017
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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



MAINLINE, BRIDGE, AND RAILROAD PLAN



SECTION A-A

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

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 7:26:36 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
JSR0017

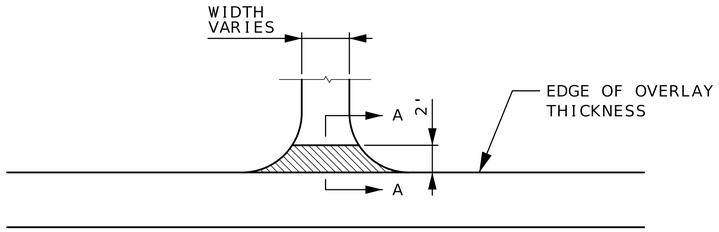
CONTRACT ID.

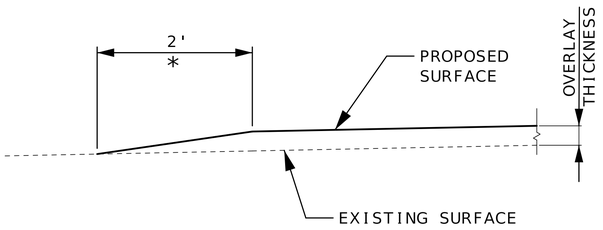
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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



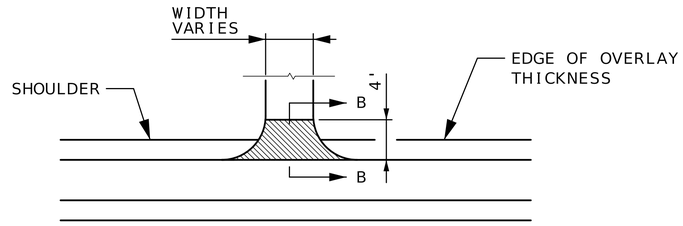


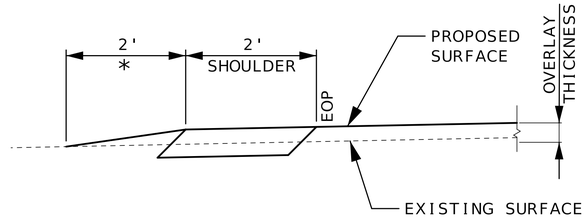
SECTION A-A

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

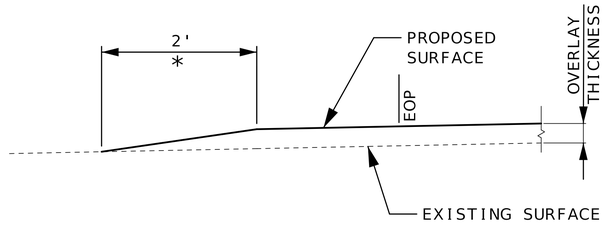
NOTE: 4 TONS GRAVEL A OR CRUSHED STONE CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.





AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

SECTION B-B

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

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

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

6 TONS CALCULATED PER COUNTY ROAD.

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 7:26:45 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

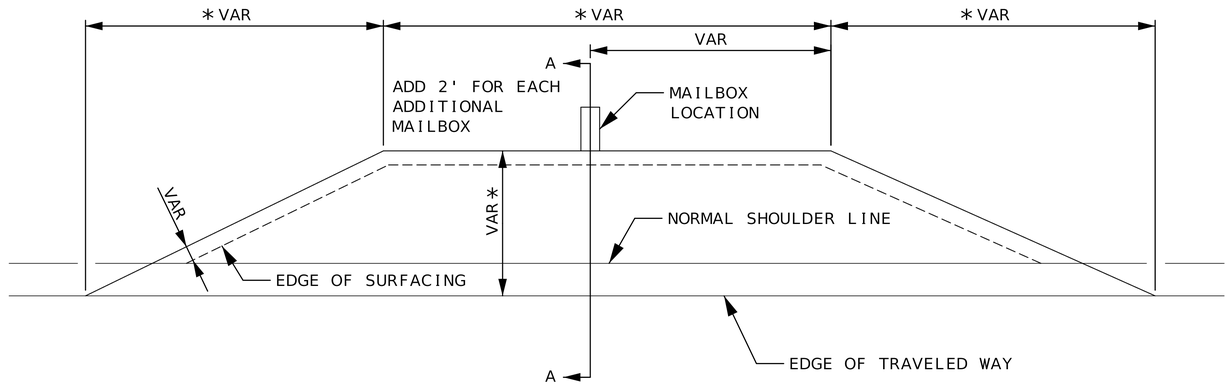
DESCRIPTION	DATE

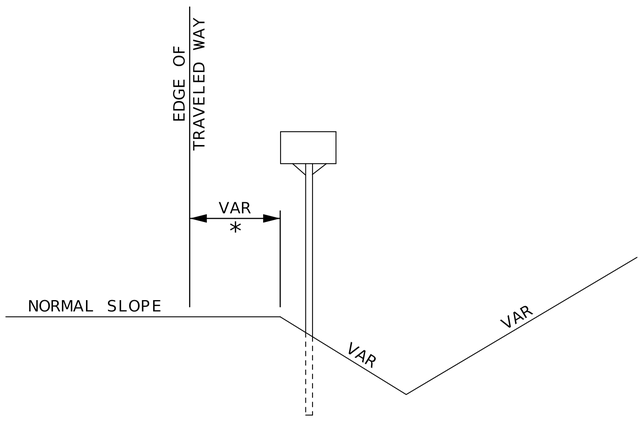
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

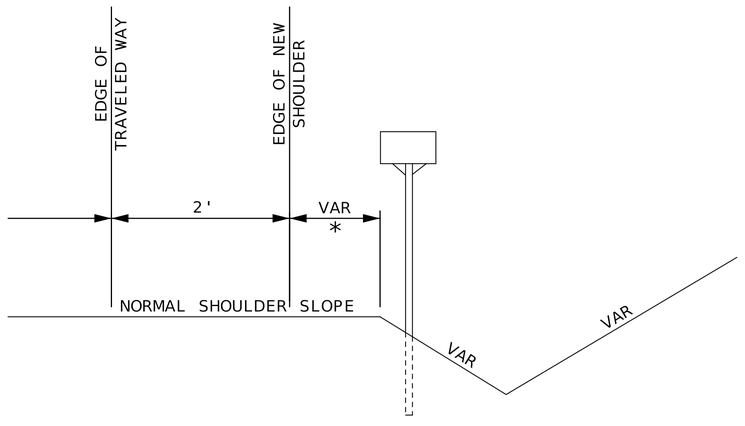
TYPICAL MAILBOX TURNOUT

*AS APPROVED BY THE ENGINEER





SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER

TYPICAL SECTION
SHEET 5 OF 5

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 7:26:56 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
JSR0017

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	BEGIN LOG MILE	END LOG MILE	LOCATION	UNIT	TOTAL	DESCRIPTION	REMARKS
43	50.879	50.893	RT	FT	75	GUARDRAIL	CRASHWORTHY END + 25' GUARDRAIL
43	50.925	50.929	RT	FT	50	GUARDRAIL	CRASHWORTHY END
43	50.960	50.974	RT	FT	75	GUARDRAIL	CRASHWORTHY END + 25' GUARDRAIL
43	51.088	51.92	CL	FT	50	GUARDRAIL	CRASHWORTHY END
43	51.087	51.91	LT	FT	50	GUARDRAIL	CRASHWORTHY END
43	51.171	51.179	LT	FT	75	SAW CUTS	AT 43 FOR PAVED APPROACH
43	51.174		LT	FT	35	SAW CUTS	FOR PAVED APPROACH AT ATC ENTRANCE
43	50.900		RT	EA	1	LUMINAIRES	SB RAMP TO ZORA
43	51.010		LT	EA	1	LUMINAIRES	NB RAMP TO ZORA
43	51.020		LT	EA	1	LUMINAIRES	ZORA ST - LOOP RAMP
43	51.020		LT	EA	1	LUMINAIRES	ZORA ST - LOOP RAMP
43	51.023		RT	EA	1	LUMINAIRES	ZORA ST
43	51.042		RT	EA	1	LUMINAIRES	ZORA ST
43	51.095		LT	EA	1	LUMINAIRES	NB RAMP TO ZORA
43	51.132		LT	EA	1	LUMINAIRES	NB RAMP TO ZORA
43	51.925		LT	EA	1	LUMINAIRES	MURPHY ST
43	49.156		LT	EA	1	GRATE	PARALLEL BAR GRATE AND INLET TOP
43	51.174		LT	SY	351.2	ASPHALT PAVEMENT	EXISTING ENTRANCE PAVEMENT
43	51.174		LT	SY	7.8	CONCRETE PAVEMENT	2' OF CONCRETE PAVEMENT
TOTAL = 1 LUMP SUM							

CONTRACTOR FURNISHED SURVEYING & STAKING

1 LUMP SUM

MOBILIZATION

1 LUMP SUM

GRAVEL (A) OR CRUSHED STONE (B)

4 TONS

ASPHALT, TACK, AND COLDMILL

ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	SP095C 1.50" 1.960 TONS/CY	SP095C 2.25" 1.960 TONS/CY	TACK 0.10 GAL/SY	MODIFED DEPTH TRANSITION	FULL DEPTH COLDMILL 3" OR LESS	FULL DEPTH COLDMILL > 3"	REMARKS
			LF	LF	SF	TONS	TONS	GAL	SY	SY	SY	
43	49.141	49.281	739.2	64.0		429.28		525.7			5256.5	CURB AND GUTTER
43	49.281	50.747	7740.5	64.0		4495.22		5504.4		58483.8		
43	49.561	49.604	227.0		2577.0	23.38		28.6		286.3		CENTRAL AVE
43	50.013	50.026	68.6		840.0	7.62		9.3		93.3		FOUNTAIN RD - WESTSIDE
43	50.013	50.026	68.6		920.0	8.35		10.2		102.2		FOUNTAIN RD - EASTSIDE
43	50.747	50.953	1087.7	58.0		572.45		701.0		7493.0		
43	50.953	50.984	163.7	53.0		78.73		96.4		1036.8		CONCRETE INSIDE SHLDR ON NB LANES
43	50.984	51.004	105.6	58.0		55.58		68.1		727.5		
43	51.004	51.014	52.8	53.0		25.39		31.1		334.4		CONCRETE INSIDE SHLDR ON NB LANES
43	51.014	51.092	411.8	58.0		216.73		265.4		2836.8		
43	51.092	51.172	422.4	60.0		229.97		281.6		3003.7		
43	51.172	51.250	411.8	62.0		231.68		283.7		3019.9		
43	51.250	51.322	380.2		23522.0	213.44		261.4		2613.6		WIDTH VARIES
43	51.322	51.339	90.0		5127.0		69.78	57.0	569.7			1.5" TO 2.25" MILL
43	51.339	51.361	117.0	54.0			86.00	70.2				BRIDGE J0339
43	51.361	51.378	90.0		5422.0		73.80	60.2	602.4			2.25" TO 1.5" MILL
43	51.379	51.830	2381.3	64.0		1382.92		1693.4		17992.0		
43	51.830	51.889	311.5	62.0		175.25		214.6		2215.1		
43	51.889	52.006	617.8	64.0		358.78		439.3		4667.8		
43	51.889	51.905	84.5		2151.0	19.52		23.9		239.0		MURPHY BLVD - WESTSIDE
43	51.895	51.921	137.3		4811.0	43.66		53.5		534.6		MURPHY BLVD - EASTSIDE
43	52.006	52.020	73.9		3333.0		45.37	37.0	370.3			1.5" TO 2.25" MILL
43	52.020	52.090	369.6	42.0			211.29	172.5				BRIDGE K0415
43	52.090	52.107	89.8		3685.0		50.16	40.9	409.4			2.25" TO 1.5" MILL
43	52.107	52.120	68.6	42.0		26.14		32.0		320.1		
LT/RT	49.141	52.120		-	-	223.43		-				IRREGULARITIES 75 TONS/MILE
					TOTAL	8817.52	536.40	10961.4	1951.8	105999.9	5256.5	
					USE	9353.9		10961	1952	106000	5257	
ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE												

PAVED APPROACH, BASE, LINEAR GRADING, AND EROSION CONTROL

ROUTE	LOG MILE	WIDTH	PAVED APPROACH 8 IN.	TYPE 1 AGGREGATE BASE 4 IN.	LINEAR GRADING CLASS 1	SILT FENCE	SEDIMENT REMOVAL	SEEDING COOL SEASON GRASSES	REMARKS
		FT	SY	SY	STA	LF	CY	AC	
43	51.173	20 TO 12	355.56	355.6	3.3	150.0	1.5	0.1	
		TOTAL	355.6	355.6	3.3	150.0	1.5	0.1	
		USE	355.6	356	3.3	150	2	0.1	

SUMMARY OF QUANTITIES
SHEET 1 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 8:49:08 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/5/2026
ROUTE: 43 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: JASPER
JOB NO.: JSR0017
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	BEGIN LOG MILE	END LOG MILE	LOCATION	CLASS 2 PAINT, TYPE L BEADS					THERMOPLASTIC				REMARKS
				6" INT WHITE	6" SOLID WHITE	6" INT YELLOW	6" SOLID YELLOW	12" SOLID WHITE	24" WHITE	24" YELLOW	LEFT/RIGHT ARROW	24" x 36" YIELD TRAINGLE	
				LF	LF	LF	LF	LF	LF	LF	EACH	EACH	
43	49.124	49.141	CL				359.0			35.0			CENTERLINE MEDIAN MARKINGS
43	49.141	49.972	LT/RT OF CL	2193.8	8775.4	2193.8	8775.4				18.0		BEGIN PROJECT - 4 LANES WITH CENTER TURN LANE
43	49.972	49.986	LT/RT/CL	37.0	147.8		147.8						
43	49.986	50.014	LT/RT/CL	73.9	443.5		295.7		36.0		1.0		
43	50.027	50.053	LT/RT/CL	68.6	411.8		274.6		36.0		1.0		
43	50.053	50.067	LT/RT/CL	37.0	147.8		147.8						
43	50.067	50.725	LT/RT/CL	1737.1	6948.5	1737.1	6948.5				14.0		
43	50.725	50.748	LT/RT/CL	60.7	242.9		485.8			57.0			
43	50.748	50.801	LT/RT/CL	139.9	559.7		559.7						
43	50.801	50.888	LT/RT/CL	403.9	918.7		918.7	237.0					
43	50.858	50.887	RT OF CL					97.2					NORTH EAST GORE AREA FOR ZORA ST EXIT RAMP
43	50.886	50.931	LT OF CL					172.8					NORTH WEST GORE AREA FOR ZORA ST ON RAMP
43	50.888	51.003	LT/RT/CL	303.6	1214.4		1214.4	350.0					
43	51.003	51.092	LT/RT/CL	235.0	1409.8		1879.7						
43	51.091	51.140	RT OF CL					260.2					SOUTH EAST GORE AREA FOR ZORA ST EXIT RAMP
43	51.180	51.217	LT OF CL					190.6					SOUTH WEST GORE AREA FOR ZORA ST ON RAMP
43	51.091	51.128	LT OF CL						4.0				
43	51.092	51.129	LT/RT/CL	97.7	390.7		586.1	390.7	68.0	68.0			
43	51.129	51.143	LT/RT/CL	37.0	147.8		147.8	147.8					
43	51.143	51.169	LT/RT/CL	103.0	411.8		274.6				2.0		
43	51.169	51.182	LT/RT/CL	51.5	137.3								
43	51.182	51.214	LT/RT/CL	84.5	337.9		675.8	337.9		57.0			
43	51.214	51.246	LT/RT/CL	126.7	506.9		337.9				1.0		
43	51.246	51.426	LT/RT/CL	475.2	1900.8		3801.6			131.0			
43	51.426	51.892	LT/RT/CL	1230.2	5021.0	1230.2	4921.0		36.0		7.0		
43	51.897		RT OF CL		56.0		112.0		24.0				MURPHY BLVD. ENTRANCE (WEST SIDE OF RTE. 43)
43	51.907	51.947	LT/RT/CL	105.6	703.4		422.4		36.0		1.0		
43	51.909		LT OF CL		344.0		114.0		24.0				MURPHY BLVD. ENTRANCE (EAST SIDE OF RTE. 43)
43	51.947	51.984	LT/RT/CL	97.7	390.7		781.4			49.0			
43	51.984	52.020	LT/RT/CL	95.0	380.2		380.2						
43	51.910		LT/RT/CL						78.0				CROSSWALK
43	51.915		LT OF CL						18.0				CROSSWALK
43	52.020	52.090	LT/RT/CL	184.8			739.2						
43	52.090	52.120	LT/RT/CL	79.2	78.0		316.8						
43	51.829	51.875	RT OF CL		242.9						2.0	9.0	SB RT TURNLANE OUTSIDE PAINT MARKING INTERSECTION WB MURPHY BLVD
MURPHY	1.443	1.527	LT OF CL		230.0				20.0				SB TO WB MURPHY BLVD - TURN LANE HASH MARKS
43	51.888		RT OF CL		106.0							9.0	MEDIAN BAND ON EAST SIDE OF MURPHY BLVD
43	51.912		LT OF CL		69.3								MEDIAN BAND ON WEST SIDE OF MURPHY BLVD
			TOTAL	8059	32675	5161	35618	2184	380	397	47	18	
			USE	40734		40779		2184	380	397	47	18	

PAVEMENT MARKING REMOVAL

ROUTE	BEGIN LOG MILE	END LOG MILE	LOCATION	PAVEMENT MARKING REMOVAL LF	REMARKS
43	50.872	50.887	LT	79.2	GORE MARK ON CONCRETE SIDE - ZORA ST. NB ON RAMP
43	50.899	50.925	RT	137.3	GORE MARK ON CONCRETE SIDE - ZORA ST. SB OFF RAMP
43	51.090	51.139	RT	258.7	GORE MARK ON CONCRETE SIDE - ZORA ST. NB OFF RAMP
43	51.180	51.216	LT	190.1	GORE MARK ON CONCRETE SIDE - ZORA ST. SB ON RAMP
			TOTAL	665	
			USE	665	

ADJUSTING MANHOLES

ROUTE	LOG MILE	ADJUSTING MANHOLE EA	REMARKS
49.158	RT	1	
49.297	RT	1	
49.360	RT	1	
49.489	RT	1	
49.565	RT	1	
49.665	RT	1	
49.780	RT	1	
49.892	RT	1	
50.004	RT	1	
50.115	RT	1	
51.511	RT	1	
51.624	RT	1	
51.803	RT	1	
51.932	RT	1	
52.100	RT	1	
	TOTAL	15	
	USE	15	

SUMMARY OF QUANTITIES
SHEET 2 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 8:49:16 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/5/2026
ROUTE: 43 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: JASPER
JOB NO.: JSR0017
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)

GUARDRAIL

BEGIN LOG MILE	END LOG MILE	LOCATION	MASH CRASHWORTHY END TERMINAL TYPE A EA	MASH CRASHWORTHY END TERMINAL TYPE C EA	MGS HEIGHT AND BLOCK TRANSITION EA	CONCRETE BASE CY	REMARKS
50.879	50.893	RT	1		1		
50.925		RT		1		14.81	
50.960	50.974	RT	1		1		
51.091		CL		1		14.81	
51.091		LT		1		14.81	
		TOTAL	2	3	2	44.4	ALL GUARDRAIL LENGTH IS ROUNDED
		USE	2	3	2	*	UP TO THE NEAREST 12.5'

*CONCRETE BASE QUANTITIES SHOWN FOR INFORMATION ONLY. CONCRETE BASE ASSUMED TO BE 8"X12'X50'. CONCRETE BASE INCIDENTAL TO TYPE C CRASHWORTHY END TERMINAL.

CURVED VANE GRATE

ROUTE	LOG MILE	ADJUSTING BASIN OR INLET EA	CURVED VANE GRATE AND FRAME (2X2) EA	REMARKS
43	49.156	1	1	REPLACE GRATE LOCATED ON EAST SIDE OF ROAD. RESIZE HOLE.
	TOTAL	1	1	
	USE	1	1	

INDUCTION LOOP DETECTOR CABLE - IN DUCT

ROUTE	LOG MILE	LOOP SIZE	LOOP DETECTOR CABLE LF	REMARKS
43	51.885	6X30	334	SB LEFT
43	51.887	6X30	304	SB THRU
43	51.887	6X30	284	SB THRU
MURPHY	1.525	6X30	328	MURPHY EB LEFT
MURPHY	1.525	6X30	304	MURPHY EB THRU/RIGHT
43	51.915	6X30	284	NB THRU
43	51.915	6X30	304	NB THRU
43	51.918	6X30	334	NB LEFT
MURPHY	1.550	6X30	348	MURPHY WB RIGHT
MURPHY	1.550	6X30	324	MURPHY WB THRU
MURPHY	1.551	6X30	304	MURPHY WB LEFT
		TOTAL	3452	UNDERRUN CABLE, LOOP DETECTORS, IN DUCT
		USE	3460	IF NOT DAMAGED BY CONTRACTOR OPERATIONS

LUMINAIRES

ROUTE	LOG MILE	LED TYPE A EA	LED TYPE B EA	REMARKS
43	50.900		1	SB RAMP TO ZORA
43	51.010		1	NB RAMP TO ZORA
43	51.020	1		ZORA ST - LOOP RAMP
43	51.020	1		ZORA ST - LOOP RAMP
43	51.023	1		ZORA ST
43	51.042	1		ZORA ST
43	51.095		1	NB RAMP TO ZORA
43	51.132		1	NB RAMP TO ZORA
43	51.925	1		MURPHY ST
	TOTAL	5	4	
	USE	5	4	

STATE OF MISSOURI
CRAIG ALAN SWITZER
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PROFESSIONAL ENGINEER
10/05/2026 8:49:24 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
JSR0017

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)
WO4-2L	48X48	16.00	2	32.00				LANE ENDS LEFT
WO4-2R	48X48	16.00	2	32.00				LANE ENDS RIGHT
WO5-1	48X48	16.00	1	16.00				ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	6	96.00				UNEVEN LANES
WO8-12	48X48	16.00	4	64.00				NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						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	25	400.00				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00	2	32.00				ROAD CLOSED AHEAD
WO20-4	48X48	16.00	16	256.00				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	16	256.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19	2	4.38				WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00	1	12.00				GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00	2	24.00				EXIT CLOSED
GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	2	17.50				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	10	15.00				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	4	24.00				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	8	96.00				SPEED LIMIT XX (2-25, 4-35, 2-45)
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25	2	12.50				LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	2	12.50				RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00	2	24.00				KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	2	64.00				POINT OF PRESENCE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE
WO4-3R	48X48	16.00	1	16.00				

616-10.05 CONSTRUCTION SIGNS	TOTAL 1678	
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	6	TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	4	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	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 8:49:36 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	3

COUNTY: JASPER

JOB NO.: JSR0017

CONTRACT ID.:

PROJECT NO.:

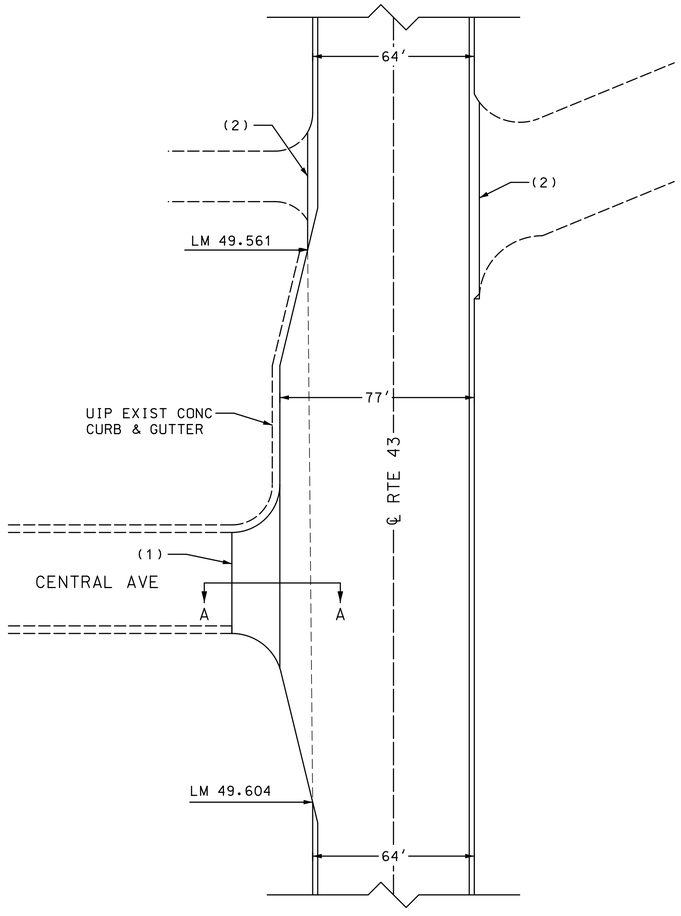
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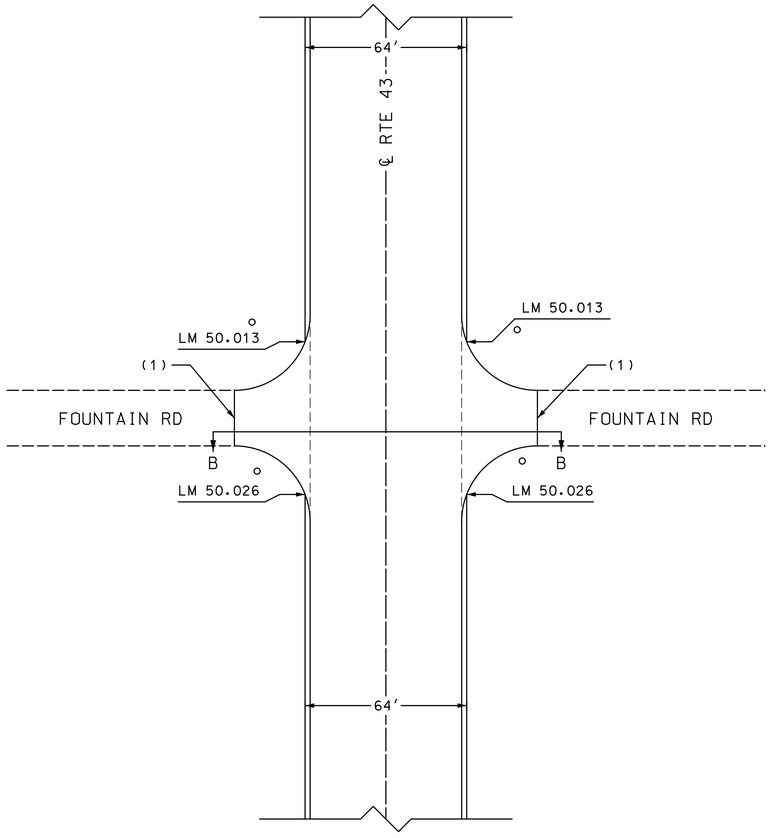
DESCRIPTION | DATE

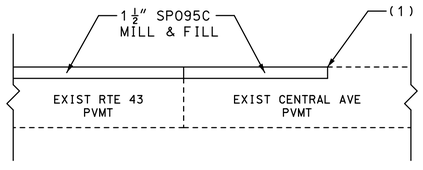
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

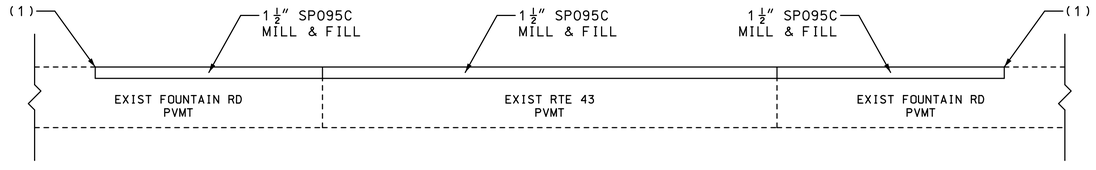
SUMMARY OF QUANTITIES
SHEET 4 OF 4







SECTION A–A



SECTION B–B

NOTE:

(1) TIE INTO EXISTING CITY STREET ENTRANCE AT THE BACK OF THE RADIUS.

(2) SEE TYPICAL SECTION SHEET 3 OF 5 FOR TYPICAL PRIVATE AND CITY STREET ENTRANCE DETAILS.

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT

ALL STATIONS AND/OR LOCATIONS SHOWN ON THE PLANS ARE APPORXIMATE AND CAN VARY AS APPROVED BY THE ENGINEER

NOT TO SCALE

SPECIAL SHEET
SHEET 1 OF 5

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:03:47 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

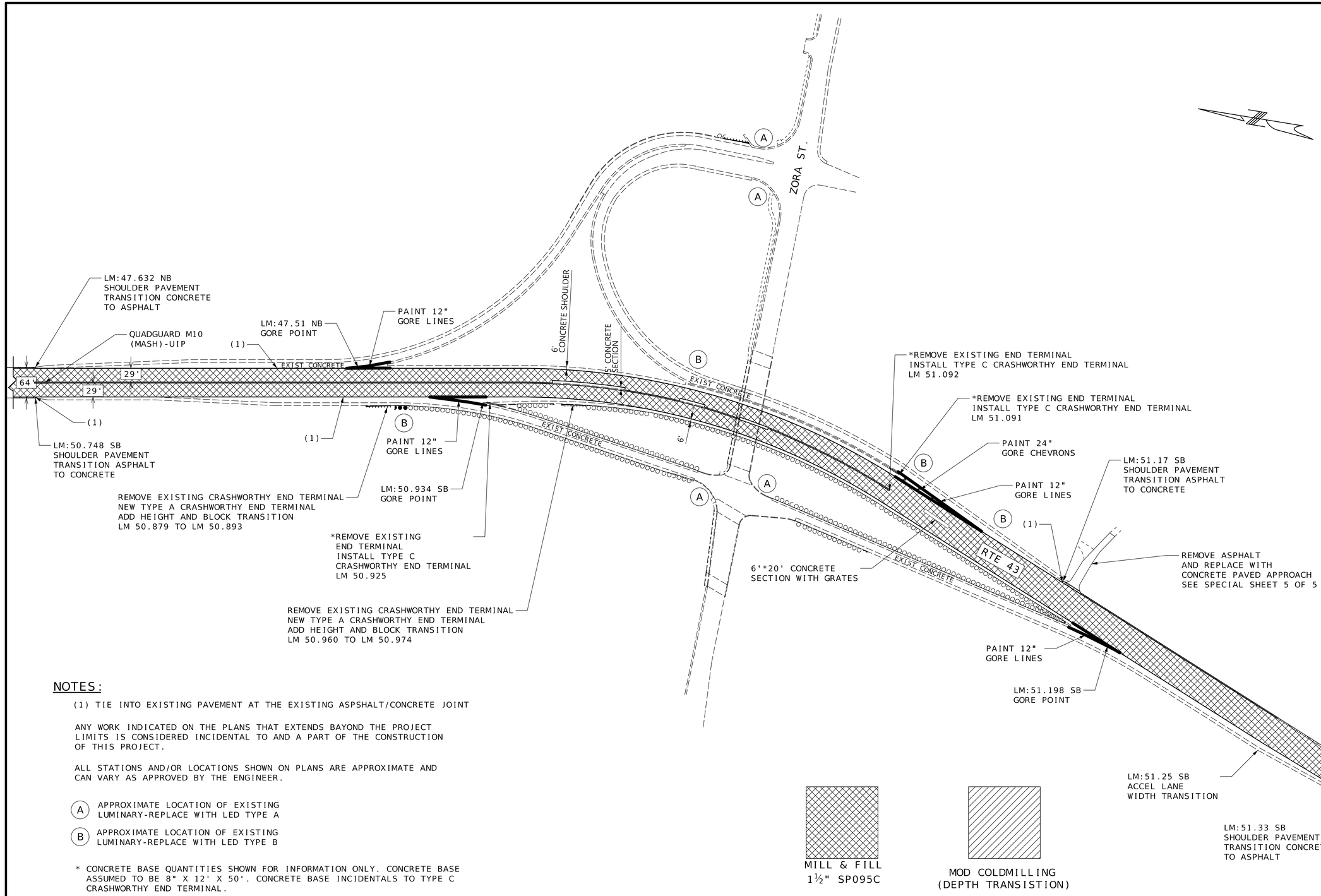
PROJECT NO.

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:

(1) TIE INTO EXISTING PAVEMENT AT THE EXISTING ASPSHALT/CONCRETE JOINT

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BAYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

ALL STATIONS AND/OR LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY THE ENGINEER.

(A) APPROXIMATE LOCATION OF EXISTING LUMINARY-REPLACE WITH LED TYPE A

(B) APPROXIMATE LOCATION OF EXISTING LUMINARY-REPLACE WITH LED TYPE B

* CONCRETE BASE QUANTITIES SHOWN FOR INFORMATION ONLY. CONCRETE BASE ASSUMED TO BE 8" X 12' X 50'. CONCRETE BASE INCIDENTALS TO TYPE C CRASHWORTHY END TERMINAL.

NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 5

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:03:55 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
JASPER

JOB NO.
JSR0017

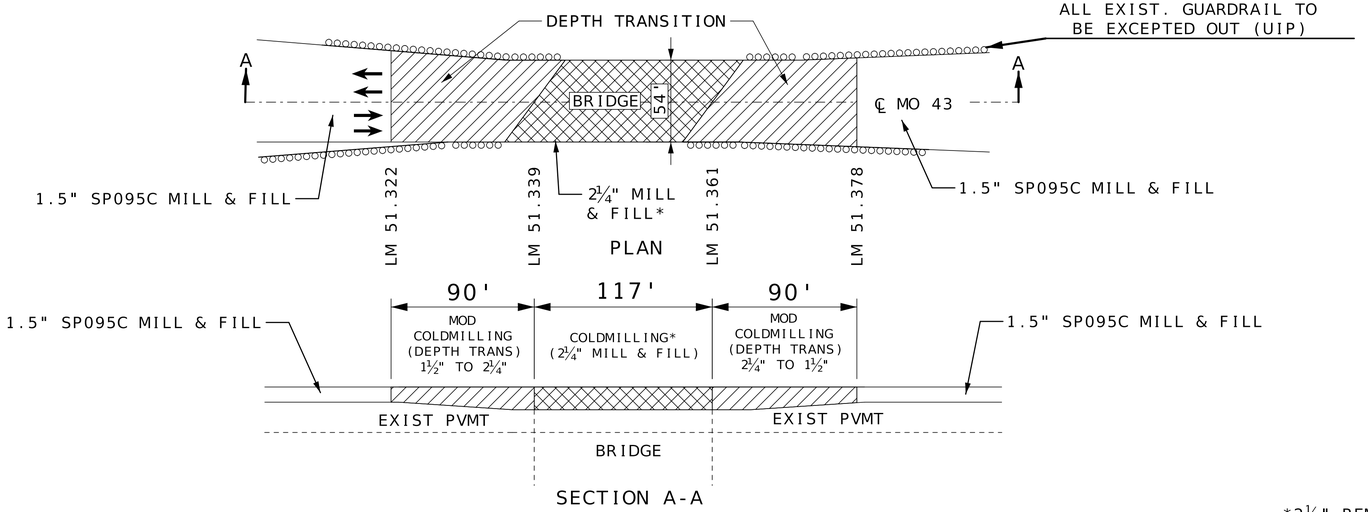
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

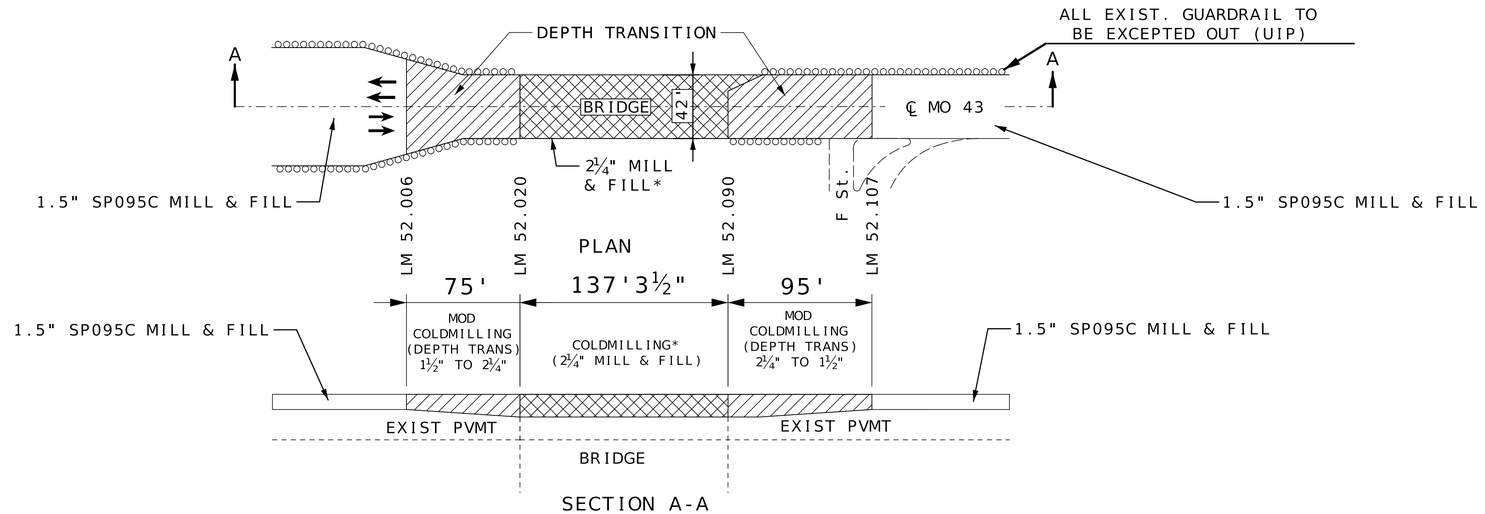
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



SPECIAL BRIDGE
DEPTH TRANSITION & PAVING

BR J0339 - LOG MILE 51.313 TO 51.379

*2¼" REMOVE LOW SLUMP CONCRETE WEARING SURFACE (BRIDGE ITEM) AND FILL WITH ASPHALT



SPECIAL BRIDGE
DEPTH TRANSITION & PAVING

BR K0415 - LOG MILE 52.007 TO 52.104

NOTES:

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

ALL STATIONS AND/OR LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY THE ENGINEERS.

NOT TO SCALE

MOD COLDMILLING (DEPTH TRANS)

COLDMILLING* (MILL & FILL)

SPECIAL SHEET
SHEET 3 OF 5

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:04:03 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

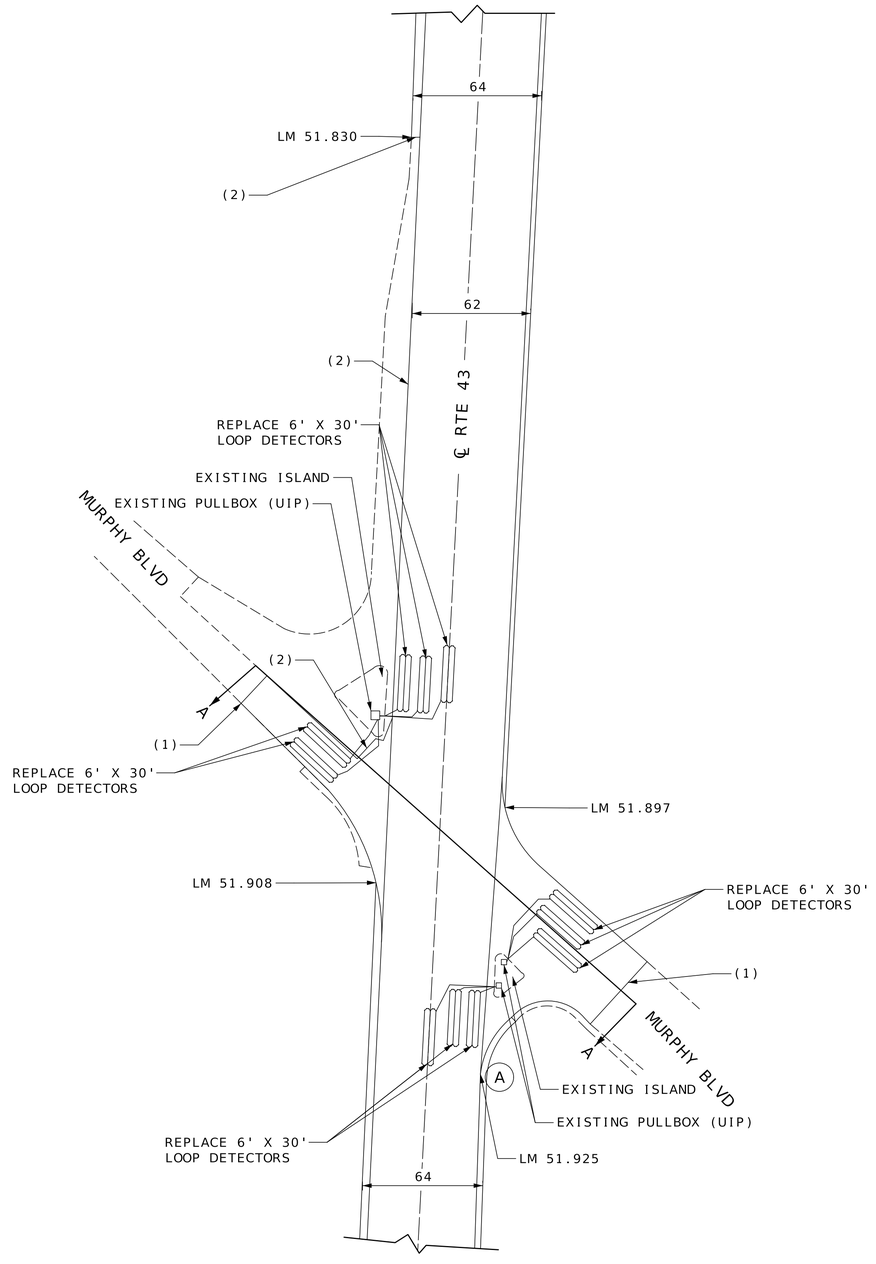
BRIDGE NO.

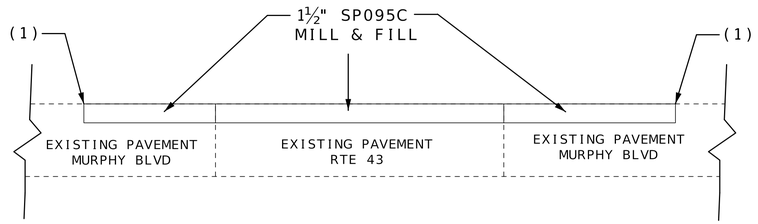
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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





SECTION A-A

NOTES:

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

ALL STATIONS AND/OR LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY THE ENGINEER.

(1) TIE INTO EXISTING CITY STREET ENTRANCE AT THE BACK OF THE RADIUS.

(2) TIE INTO EXISTING PAVEMENT AT THE EXISTING CONCRETE/ASPHALT JOINT.

(A) APPROXIMATE LOCATION OF EXISTING LUMINARY-REPLACE WITH LED TYPE A

NOT TO SCALE

SPECIAL SHEET
SHEET 4 OF 5

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:04:09 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

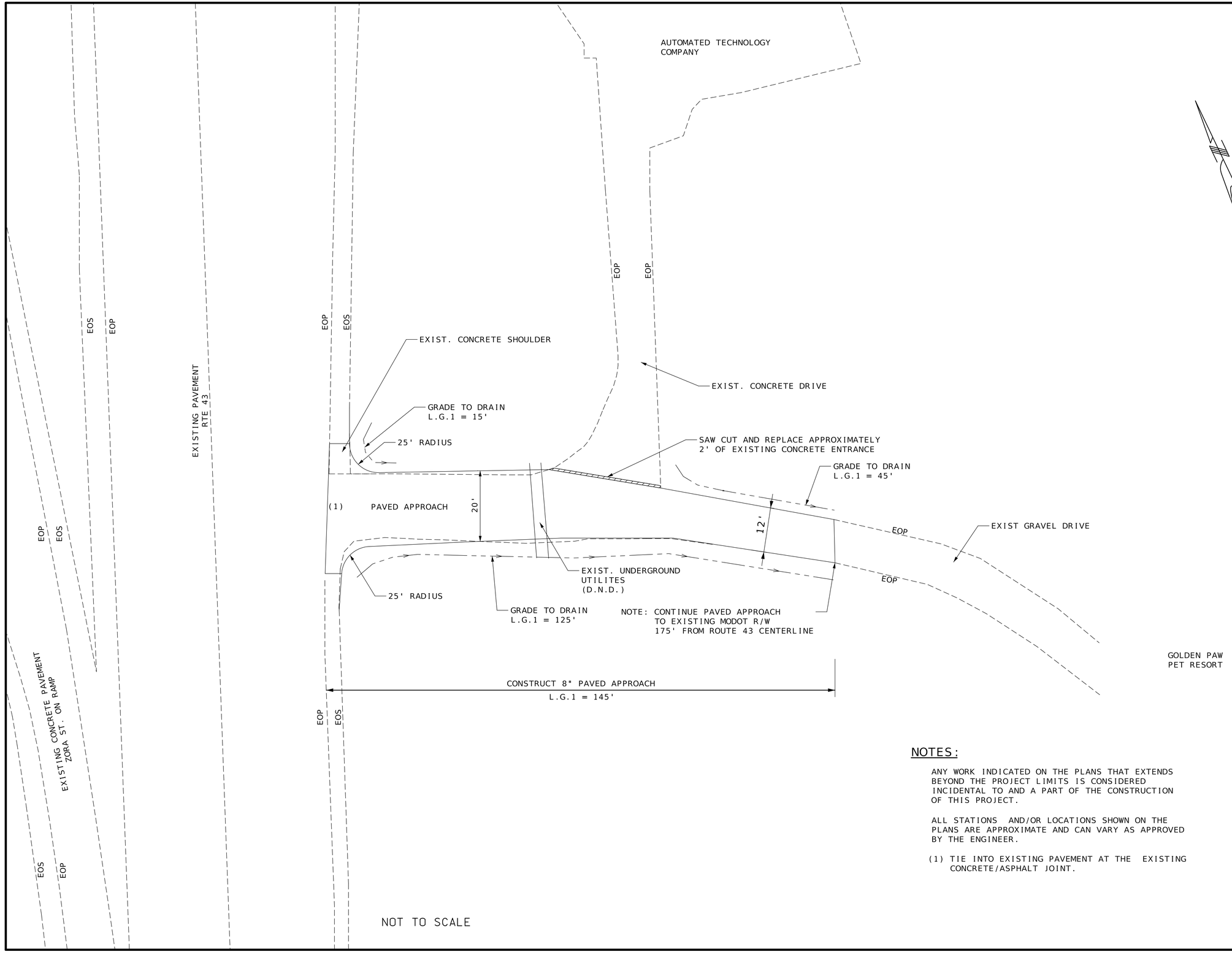
PROJECT NO.

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:

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

ALL STATIONS AND/OR LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY THE ENGINEER.

(1) TIE INTO EXISTING PAVEMENT AT THE EXISTING CONCRETE/ASPHALT JOINT.

NOT TO SCALE

SPECIAL SHEET
SHEET 5 OF 5

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

10/05/2026 9:04:23 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

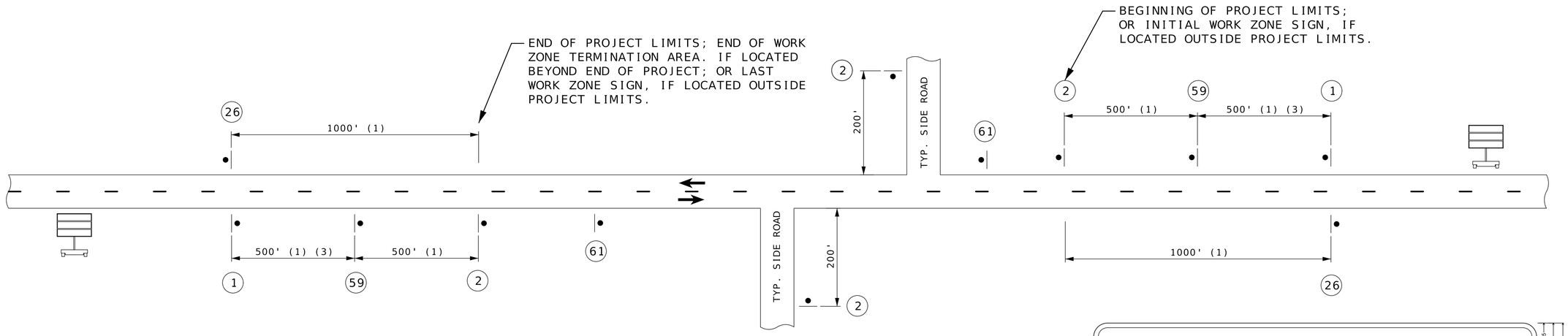
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

(UNDIVIDED HIGHWAY)

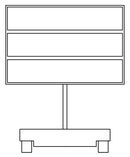
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

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

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

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

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



(4)



CONST-8

59 (3)



GO20-1

1 (5)

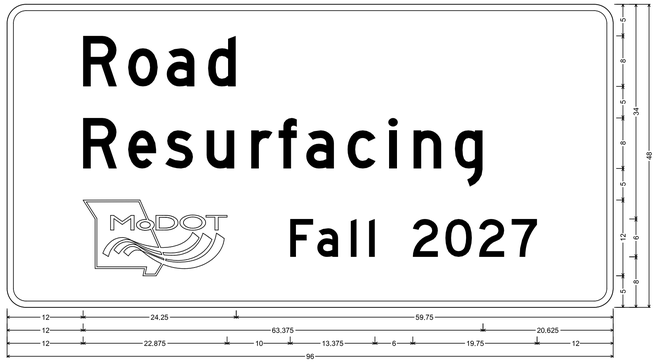


WO20-1

2

GO20-2

26 (5)



CONST-5 SH-FLAT SHEET:
3.000" Radius, 1.000" Border, White on, Green: "Road", D: "Resurfacing", D: "Fall 2027", D:
Table of letter and object lefts

R 12.000	o 19.125	a 25.250	d 31.875										
R 12.000	e 19.125	s 25.000	u 31.625	r 38.625	f 43.000	a 47.375	c 53.875	l 60.500	n 64.375	g 70.875			
12.000	F 44.875	a 49.125	l 54.500	l 57.375	2 64.250	0 69.375	2 74.750	7 79.875					

CONST-5-96

61 (2)

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:22:31 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	9

COUNTY: JASPER

JOB NO.: JSR0017

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

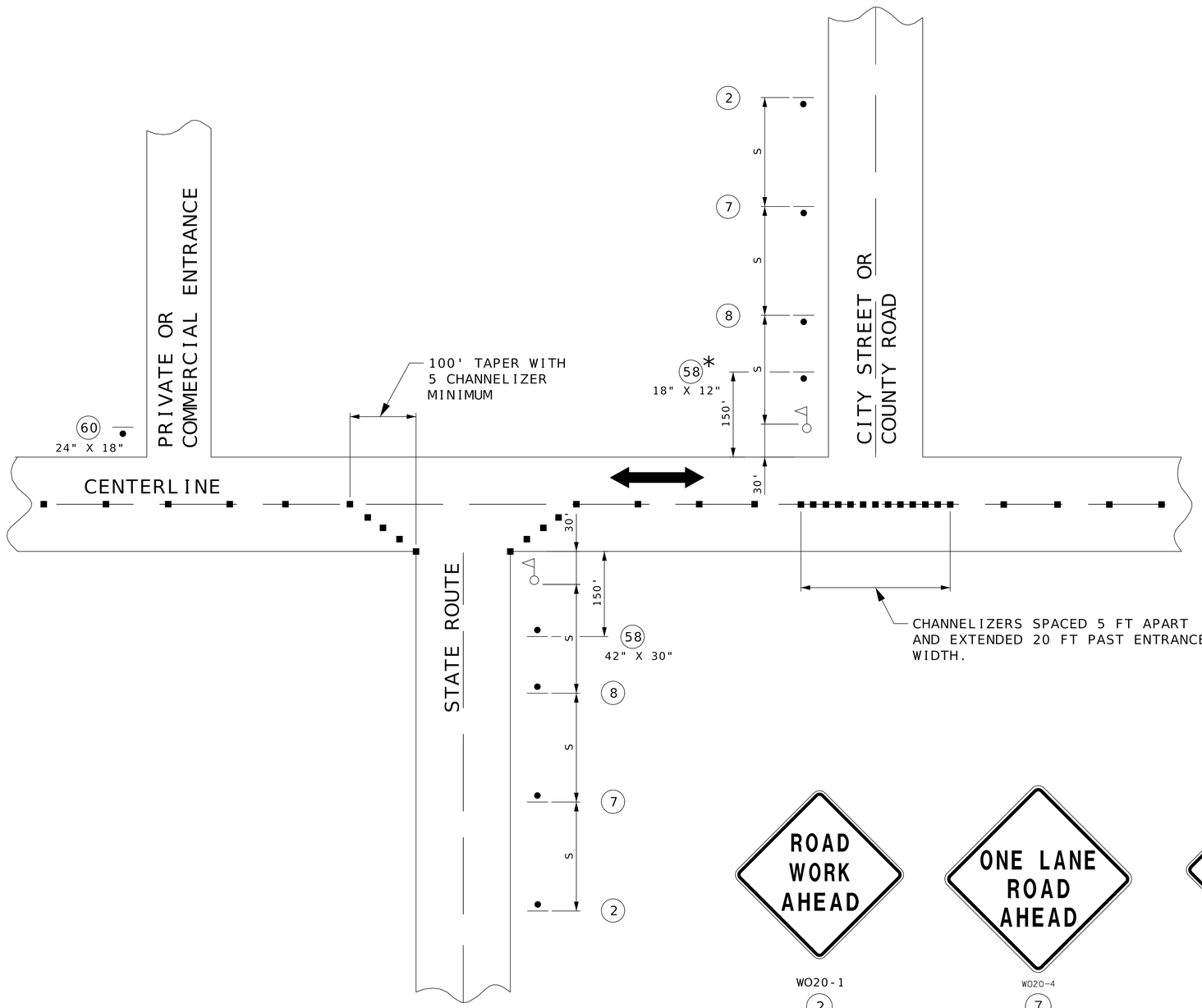
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026

SIDE ROADS ENTERING WORK ZONES



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

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

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

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

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

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



GO20-4a

58

SHALL BE USED ON ALL INTERSECTIONS.

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



24" X 18"

60

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

WO20-1

2

WO20-4

7



WO20-7a

8

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:22:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

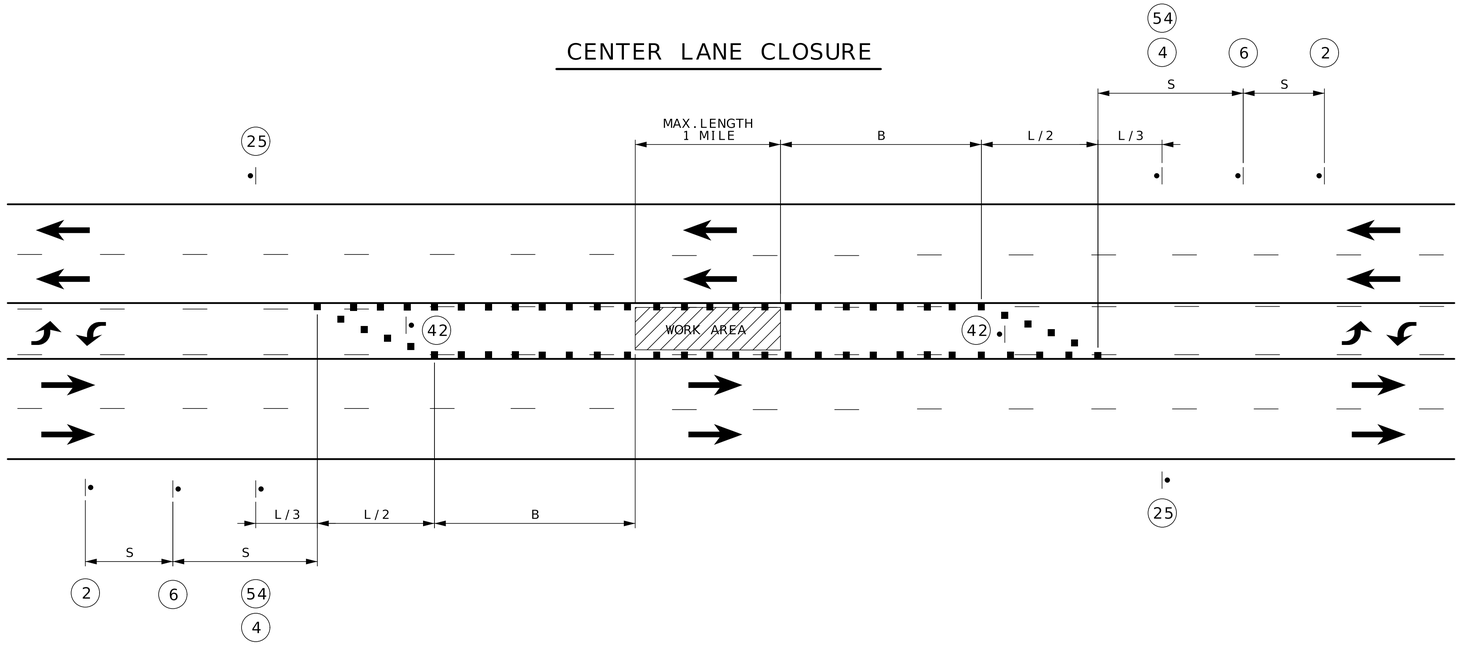
ROUTE 43 | STATE MO
DISTRICT SW | SHEET NO. 10
COUNTY JASPER
JOB NO. JSR0017
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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

CENTER LANE CLOSURE



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

NOTES:

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

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

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

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

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

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

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

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

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



WO20-1
(2)



WO20-6a
(6)



R4-7a
(42)

GO20-5aP



R2-1
(54)
(4)
(25, 35)



R2-1
(25)
(NORMAL SPEED)
(35, 45)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:22:56 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

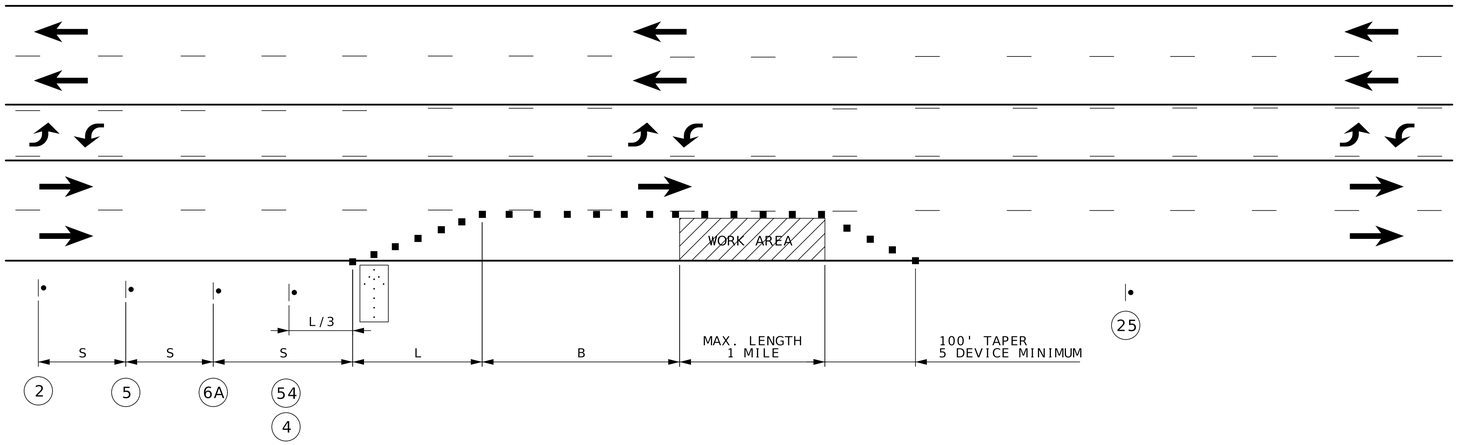
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026

OUTSIDE LANE CLOSURE



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

NOTES:

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

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

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

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

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

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

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

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

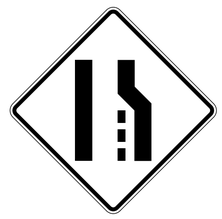
SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



WO20-1
(2)



WO20-5
(5)



WO4-2R
(6A)

GO20-5aP





R2-1
(54)
(4)
(25, 35)



R2-1
(25)
(NORMAL SPEED)
(35, 45)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

10/05/2026 9:22:57 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

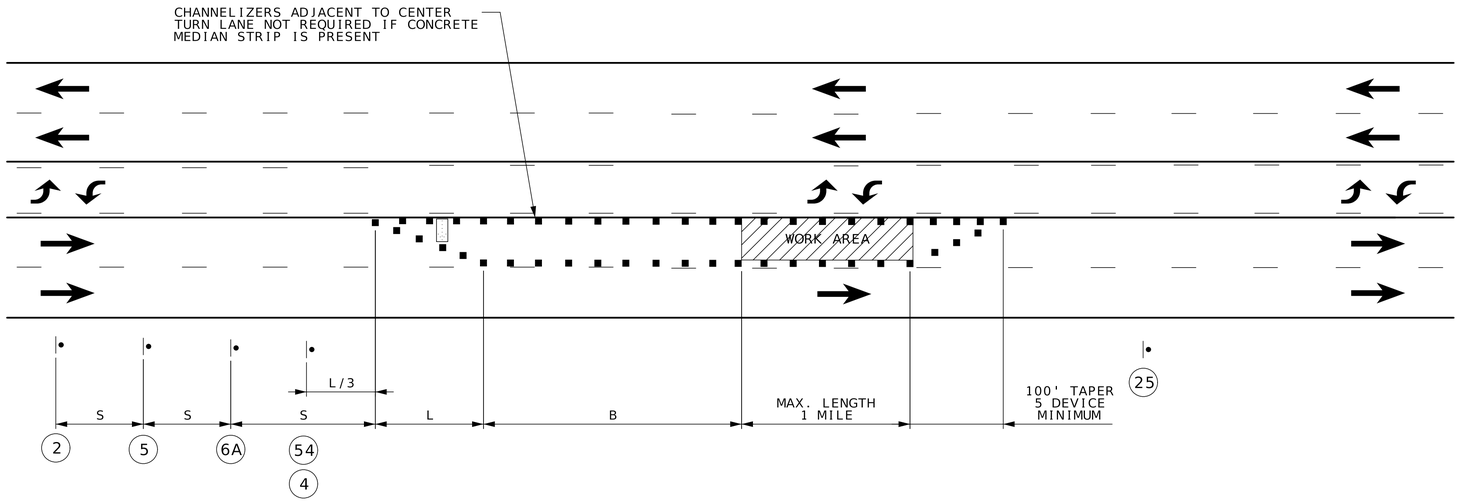
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026

PASSING LANE CLOSURE



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

NOTES:

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

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

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

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

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

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

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

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

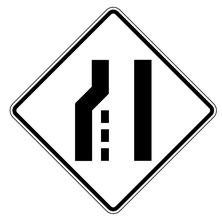
SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



WO20-1
2



WO20-5
5



WO4-2L
6A

GO20-5aP



R2-1
54
4
(25, 35)



R2-1
25
(NORMAL SPEED)
(35, 45)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:23:05 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

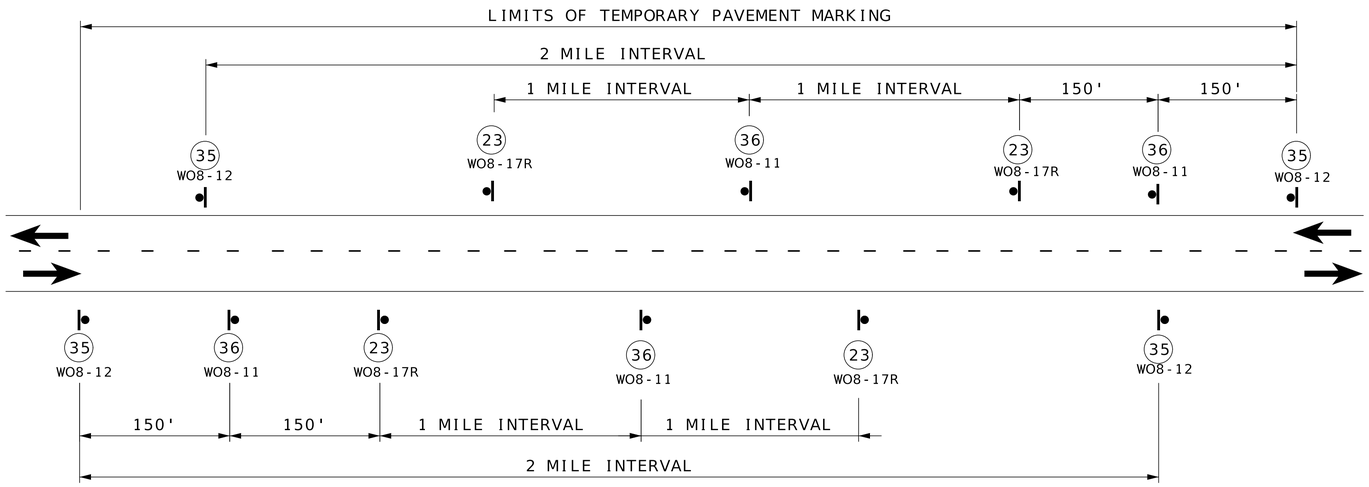
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

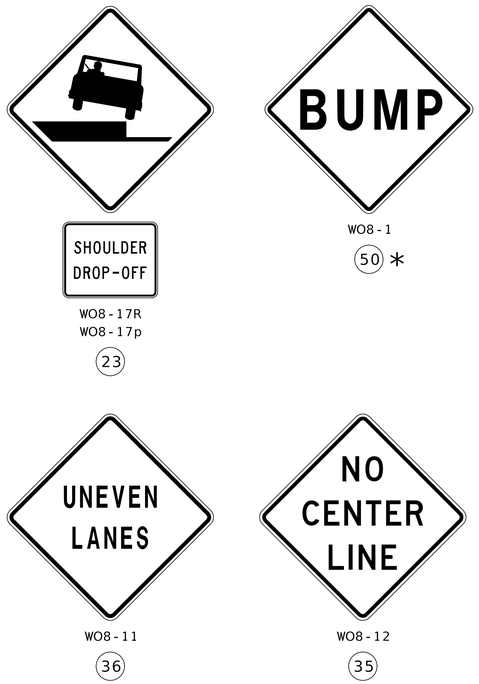
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

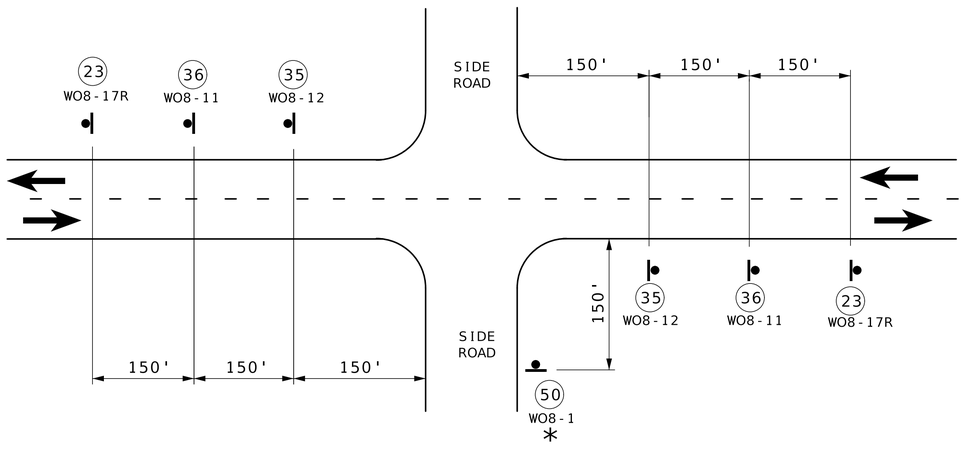
REVISED: 2/19/2026



SIGN SPACING FOR MAINLINE

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





SIGN SPACING AT STATE ROUTE INTERSECTIONS

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

GENERAL NOTES:

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

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

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

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

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

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 12

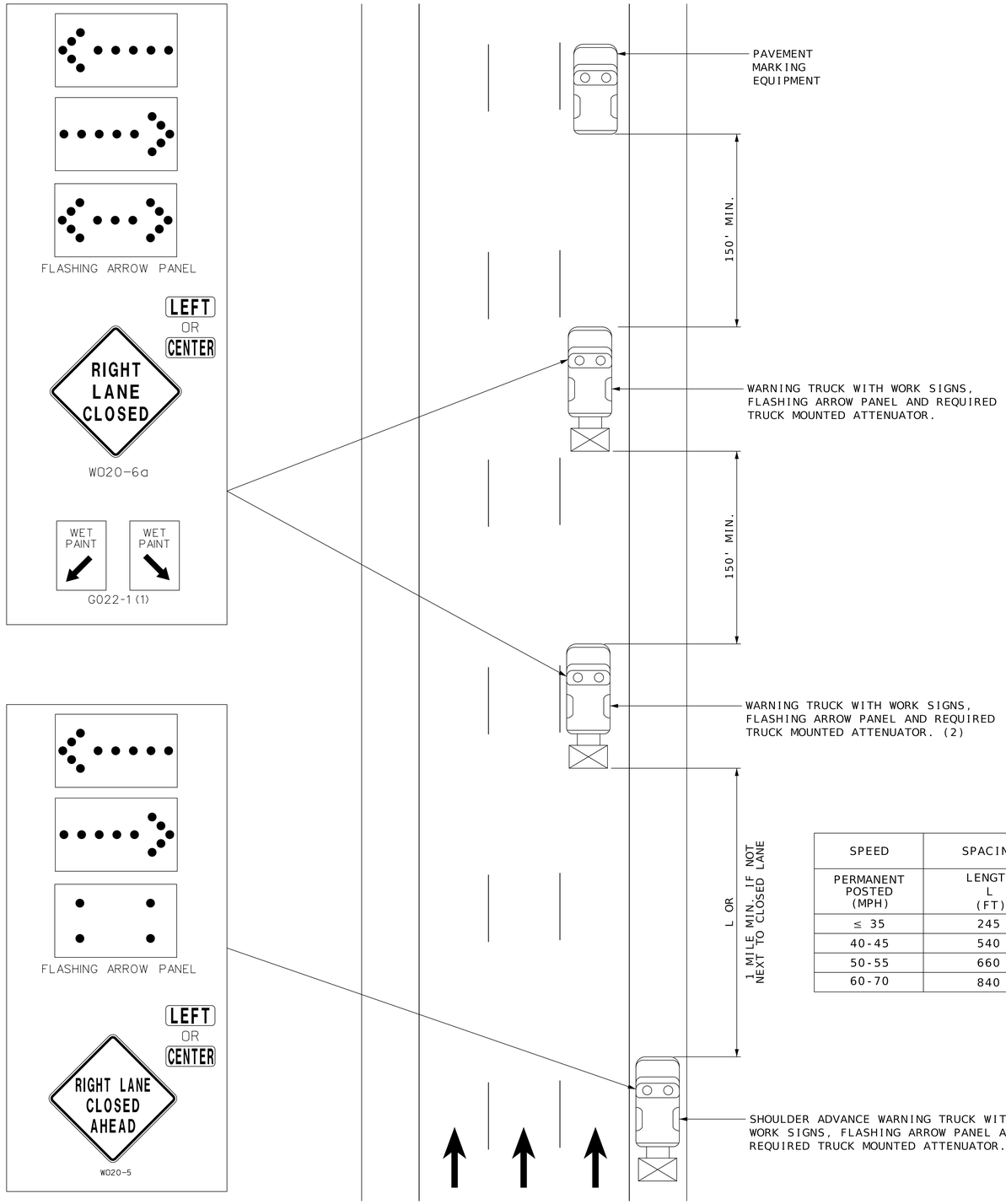
STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:23:14 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/5/2026
ROUTE: 43 | STATE: MO
DISTRICT: SW | SHEET NO.: 14
COUNTY: JASPER
JOB NO.: JSR0017
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

NOTES:

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

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

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

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

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

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

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

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

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

PAVEMENT MARKING ON DIVIDED HIGHWAY

NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:23:22 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

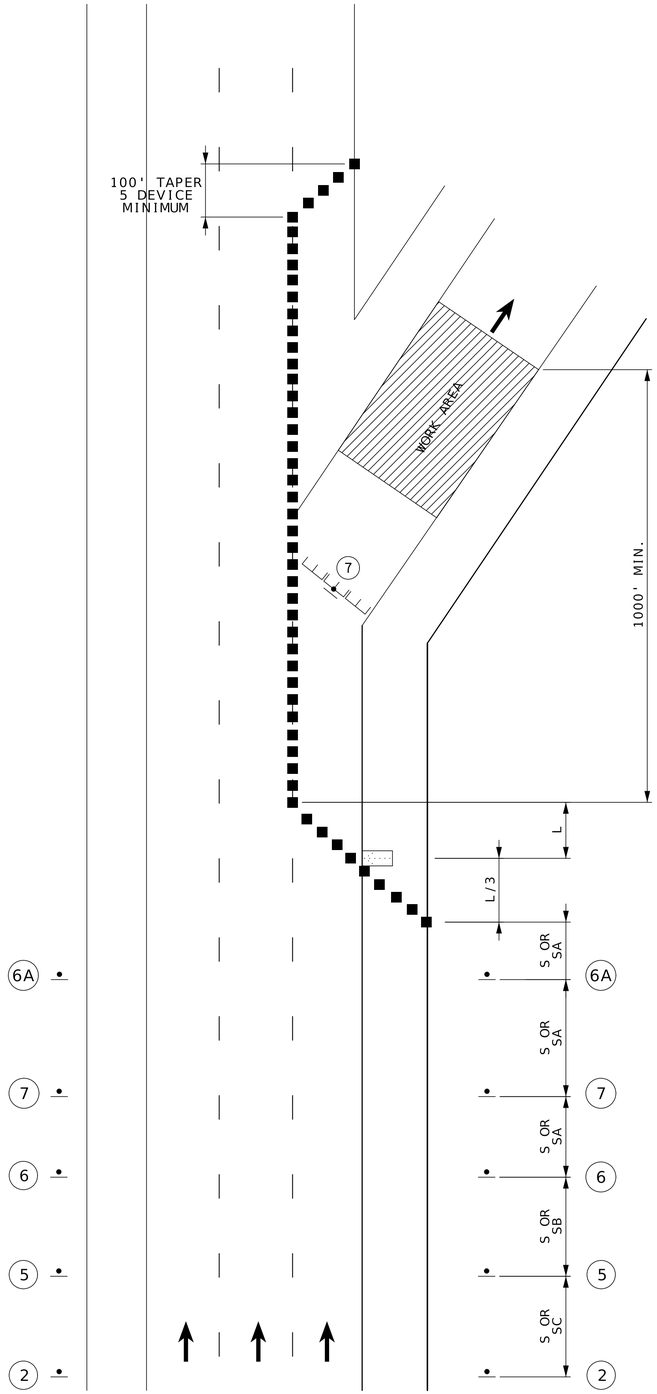
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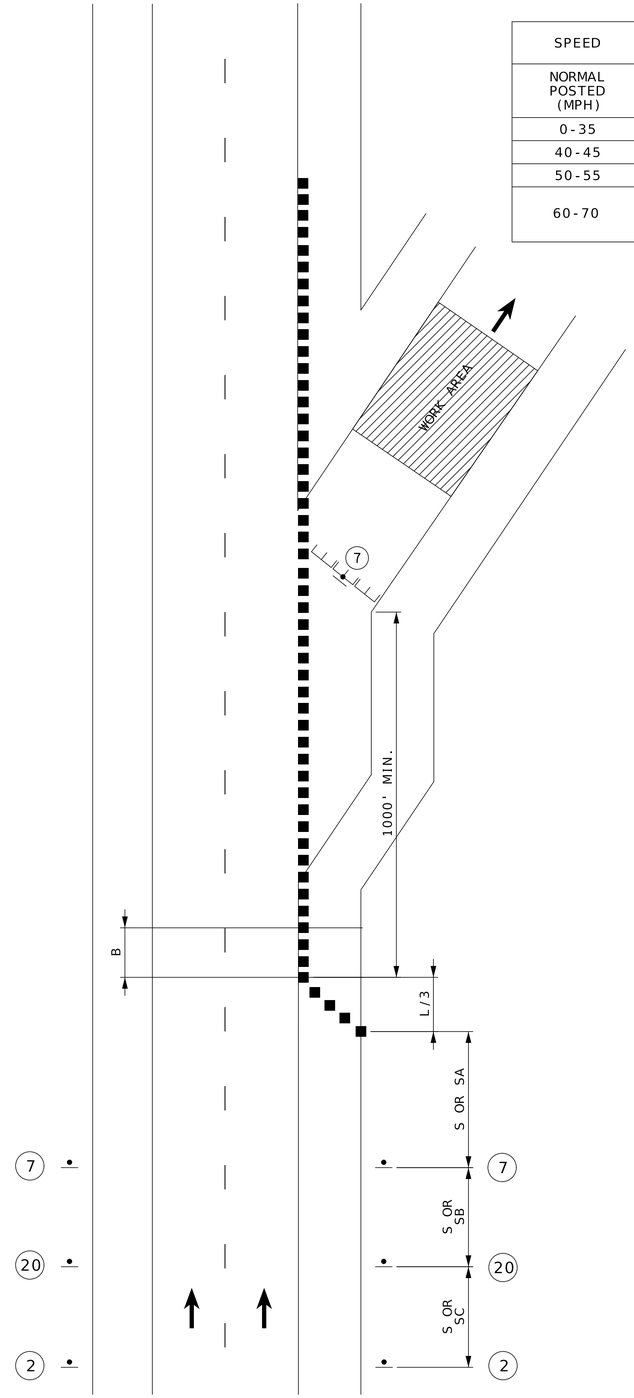
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026





RAMP CLOSURE

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.

WHEN AN EXIT RAMP IS CLOSED, SIGN (7) SHOULD BE PLACED DIAGONALLY ACROSS THE INTERCHANGE/INTERSECTION GUIDE SIGNS.



WO20-1
(2)



WO20-5
(5)



WO20-6a
(6)



WO4-2R
(6A)



E05-2a
(7)



WO20-3
(20)

TRAFFIC CONTROL LEGEND

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 8 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:23:29 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

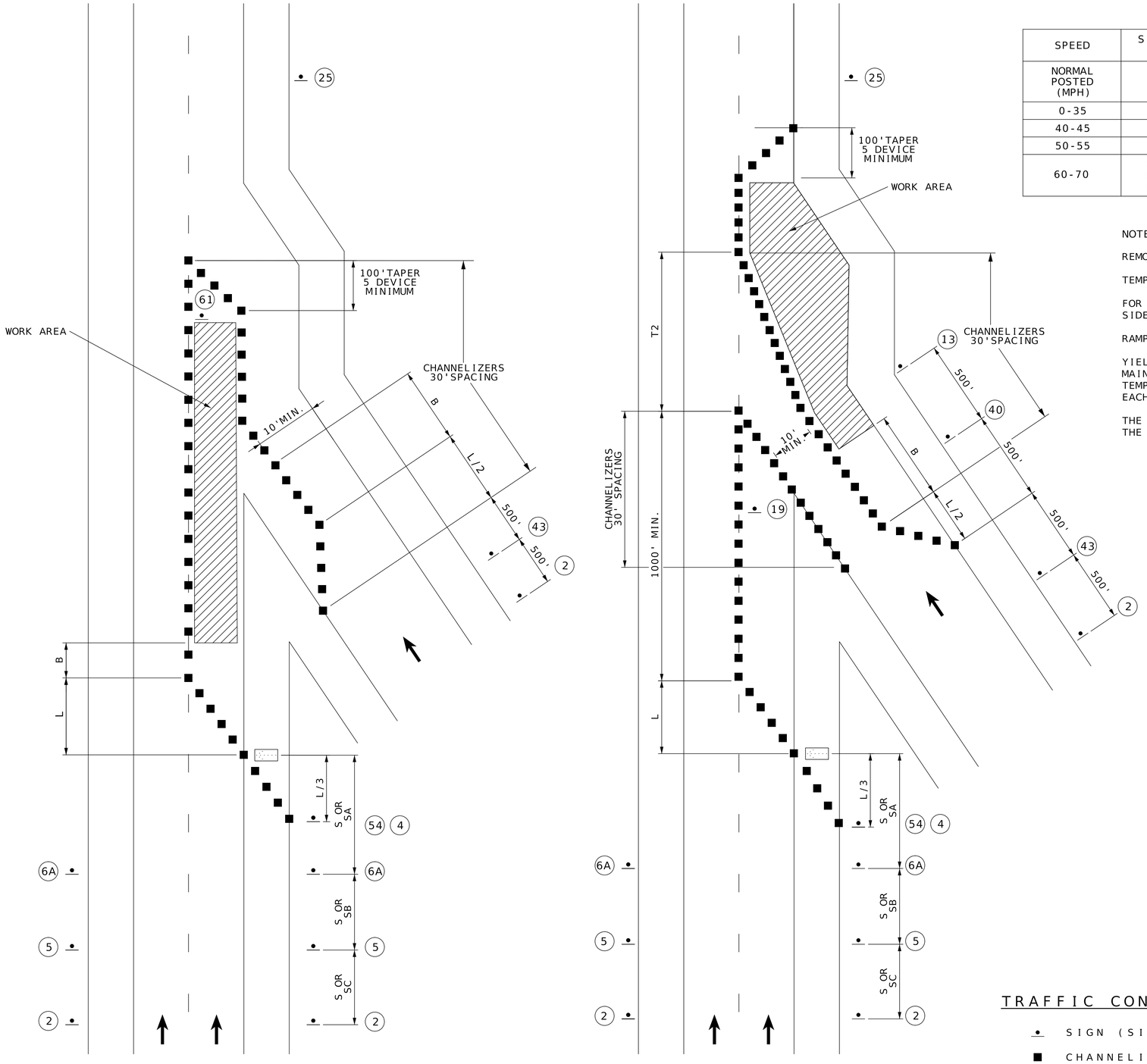
BRIDGE NO.

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.

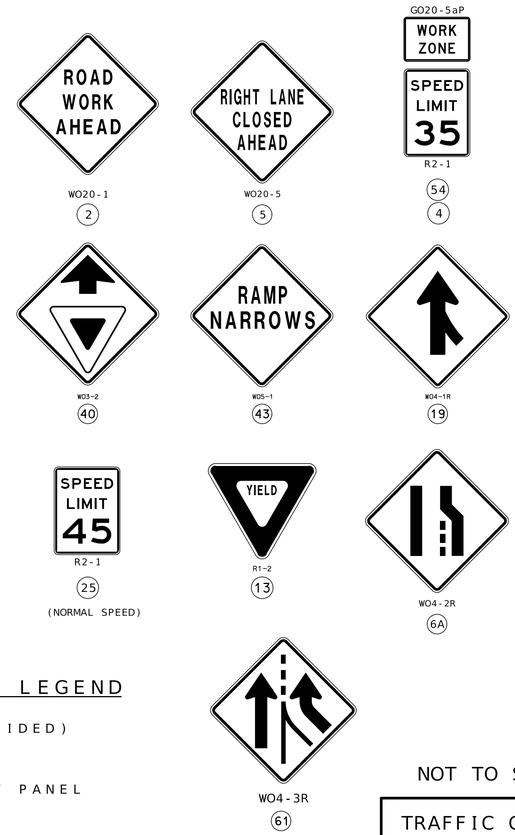
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 9 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:23:36 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

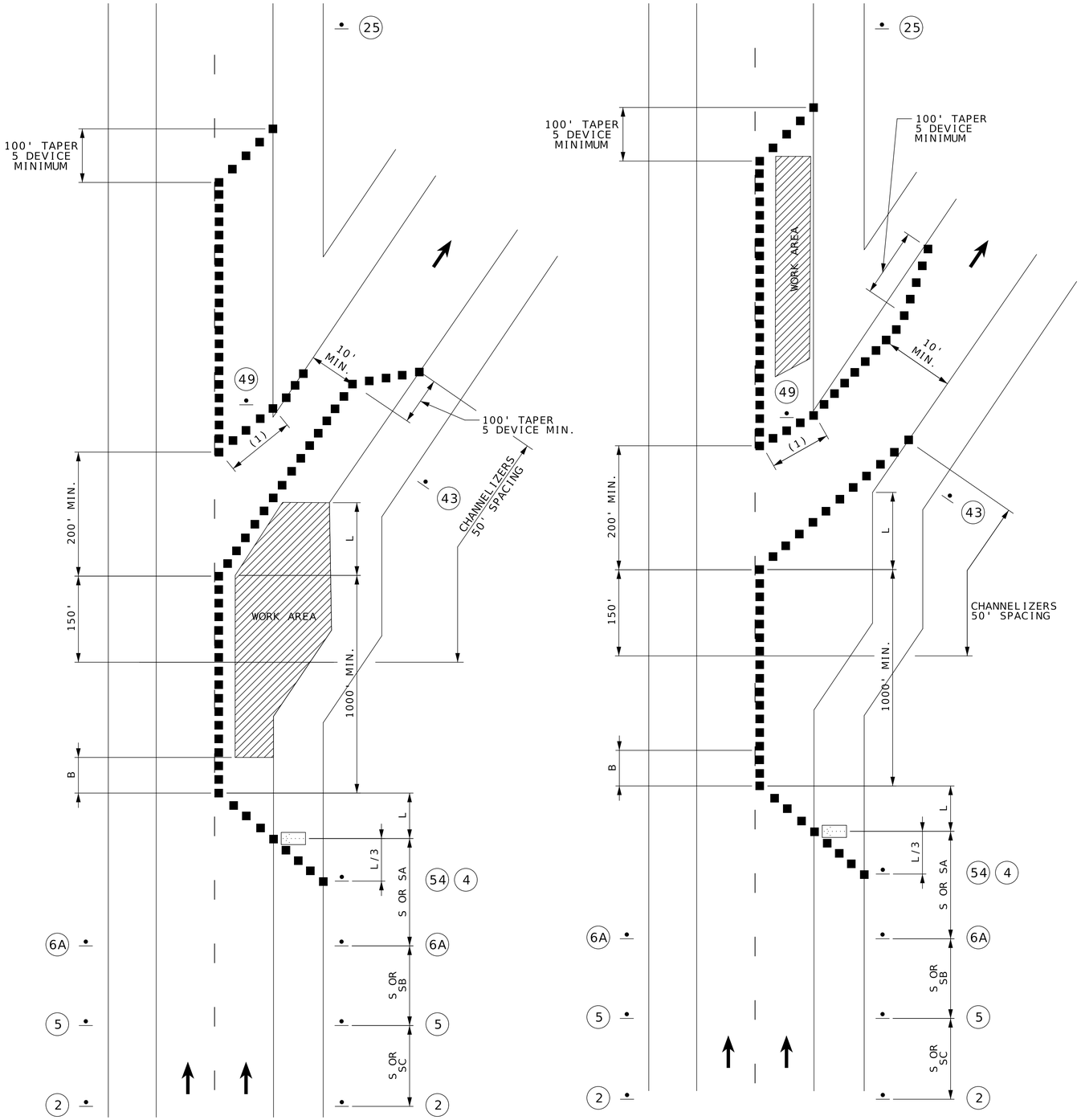
BRIDGE NO.

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 EXIT 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:

(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

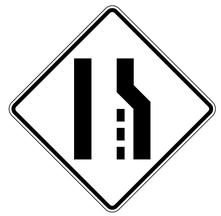
LEFT

GO20-5aP





R2-1
54
4



WO4-2R
6A



WO5-1
43



R2-1
25
(NORMAL SPEED)



E05-1
49

NOT TO SCALE

TRAFFIC CONTROL LEGEND

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

TRAFFIC CONTROL
SHEET 10 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:23:41 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	18

COUNTY: JASPER

JOB NO.: JSR0017

CONTRACT ID.:

PROJECT NO.:

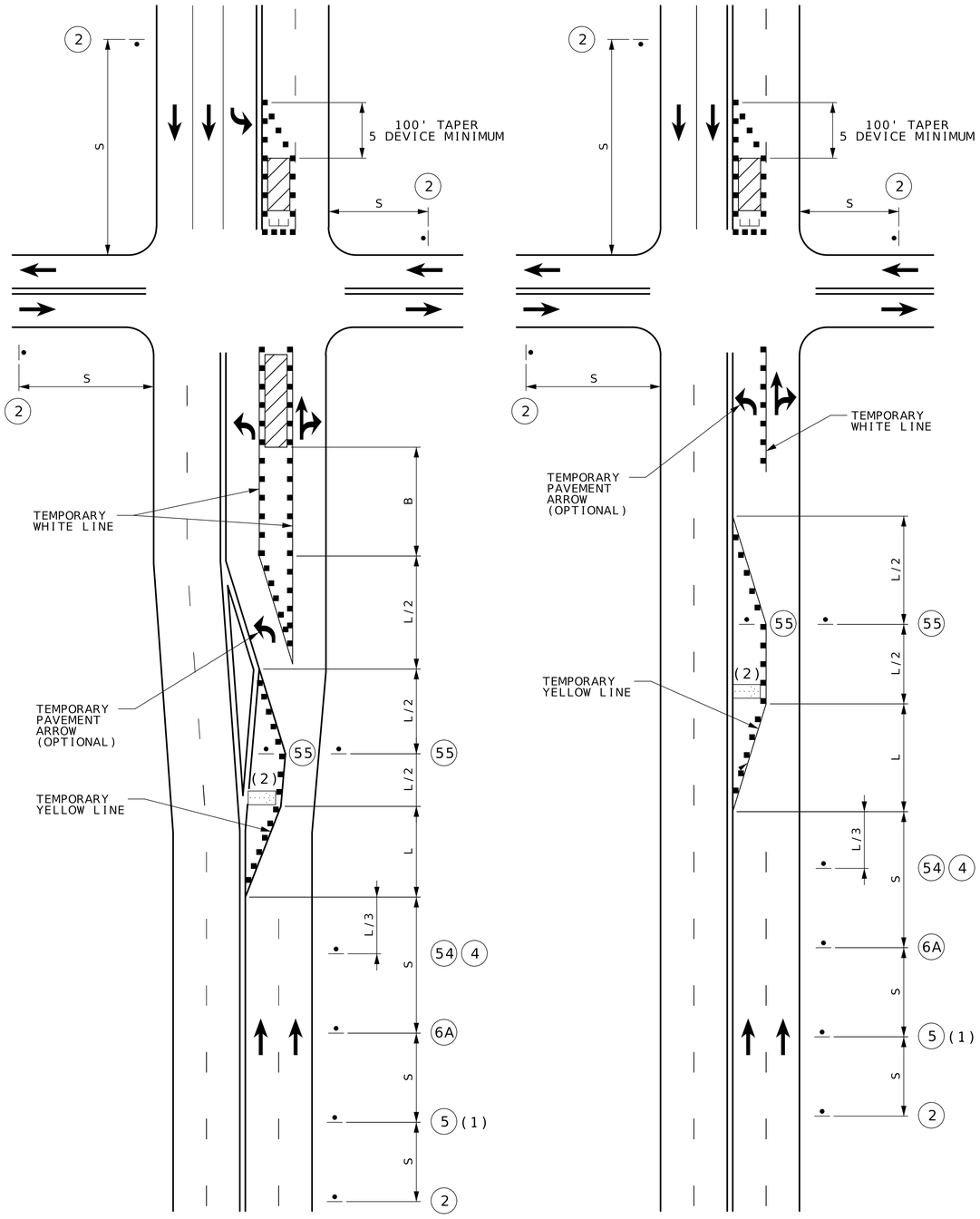
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 3/17/2026



WORK ON NEAR OR FAR SIDE

WORK ON FAR SIDE ONLY

LEFT LANE CLOSURE AT INTERSECTION

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

NOTES:

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

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

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

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

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

TRAFFIC CONTROL LEGEND

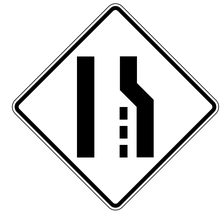
- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



WO20-1
(2)



WO20-5
(5)



WO4-2R
(6A)



R3-7L
(55)

GO20-5aP





R2-1
(54)
(4)
(25, 35)



R2-1
(25)
(NORMAL SPEED)
(35, 45)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 11 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:23:56 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

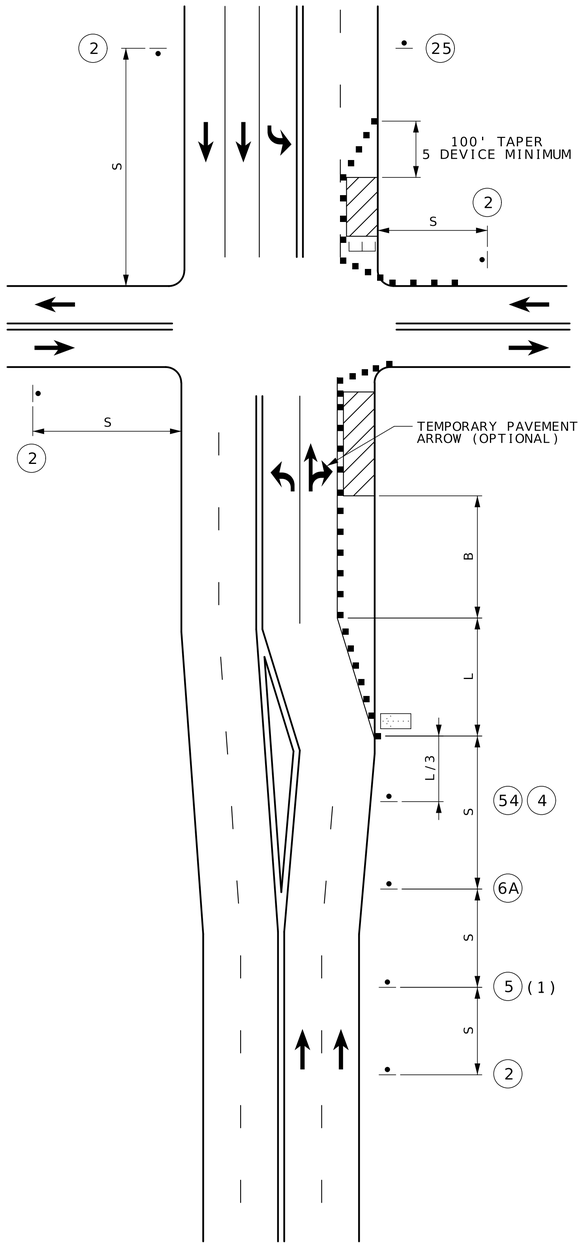
PROJECT NO.

BRIDGE NO.

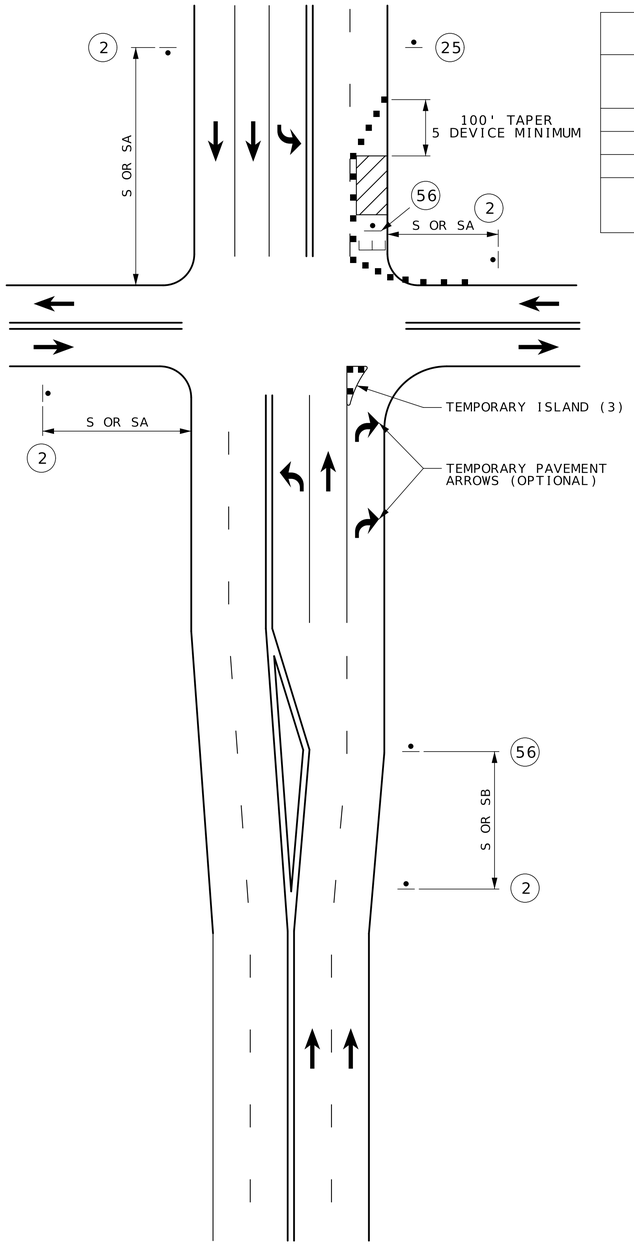
DESCRIPTION	DATE

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

REVISED: 3/17/2026



WORK ON NEAR OR FAR SIDE



WORK ON FAR SIDE ONLY (2)

RIGHT LANE CLOSURE AT INTERSECTION

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

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

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

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

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

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

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

TRAFFIC CONTROL LEGEND

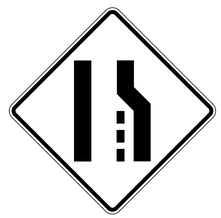
- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



WO20-1
2



WO20-5
5



WO4-2R
6A

GO20-5aP





R3-7R
56



R2-1
54
4
(25, 35)



R2-1
25
(NORMAL SPEED)
(35, 45)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 12 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/05/2026 9:23:51 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/5/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

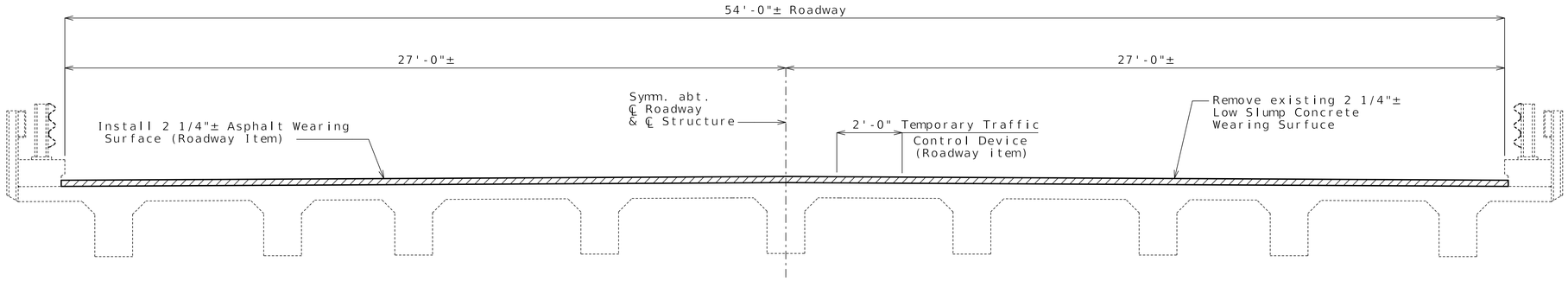
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SEC/SUR 35 TWP 28N RGE 33W

U.I.P. AND REHABILITATE EXISTING (25')(50')(35') CONCRETE DECK GIRDER SPANS (SKEW: 35° L.A.)



TYPICAL SECTION THRU EXISTING DECK

Estimated Quantities		
Item		Total
Removal of Concrete Wearing Surface	sq. foot	6,381

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 5

Design Loading:

HS20-44 (Existing & New Construction)

Miscellaneous:

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

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

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

Contractor shall verify all dimensions in field before ordering new material.

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 43 OVER TURKEY CREEK

ROUTE 43 FROM 66 TO ROUTE 171
ABOUT 1.7 MILES NORTH OF ROUTE 66
BEGINNING STATION 981+44.00± (Match Existing)

Detailed Apr. 2025
Checked Apr. 2025

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

STATE OF MISSOURI
TYLER R. LINDSAY
NUMBER PE-2019000128
PROFESSIONAL ENGINEER
04/16/2025 7:11:16 AM
TYLER R. LINDSAY - CIVIL
MO-PE-2019000128

DATE PREPARED
4/16/2025

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
BR	1

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

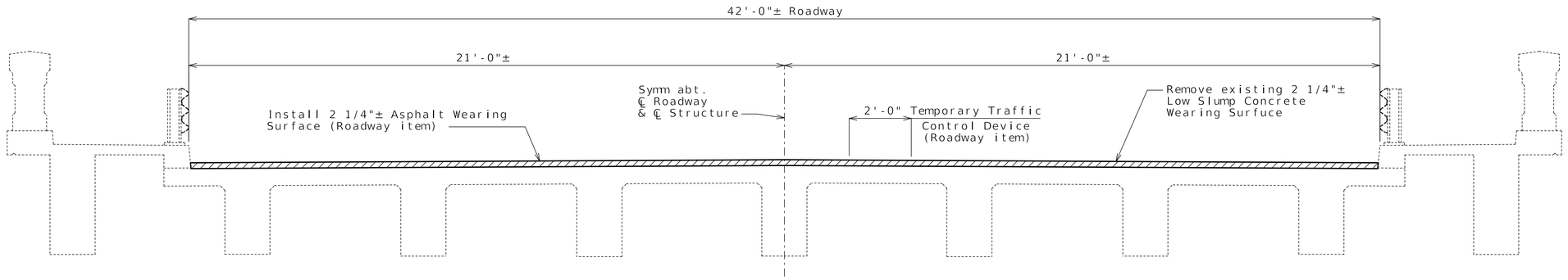
BRIDGE NO.
J03393

DESCRIPTION	DATE

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

SEC/SUR 2 TWP 27N RGE 33W

U.I.P. AND REHABILITATE EXISTING (25')8@(43') CONCRETE DECK GIRDER SPANS (SKEW: SQUARE)



TYPICAL SECTION THRU EXISITNG DECK

Estimated Quantities		
Item		Total
Removal of Concrete Wearing Surface	sq. foot	15,570

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 5

Design Loading:

HS20-44 (Existing & New Construction)

Miscellaneous:

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

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

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

Contractor shall verify all dimensions in field before ordering new material.

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 43 OVER CPKC R.R. & JOPLIN CREEK

ROUTE 43 FROM 66 TO ROUTE 171
ABOUT 1.0 MILE NORTH OF ROUTE 66
BEGINNING STATION 1+96.55± (Match Existing)

Detailed Apr. 2025
Checked Apr. 2025

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

STATE OF MISSOURI
TYLER R. LINDSAY
NUMBER PE-2019000128
PROFESSIONAL ENGINEER
04/16/2025 7:11:25 AM
TYLER R LINDSAY - CIVIL
MO-PE-2019000128

DATE PREPARED
4/16/2025

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
BR	1

COUNTY
JASPER

JOB NO.
JSR0017

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
K04152

DESCRIPTION	DATE

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

DESIGN DESIGNATION

A.A.D.T. - 2027 = 42,500
T = 37%
V = 70 M.P.H.
D = 49% / 51%
DHV = 7%

FUNCTIONAL CLASSIFICATION-INTERSTATE

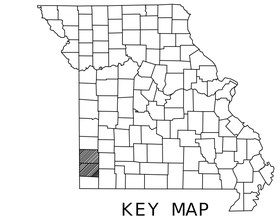
NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

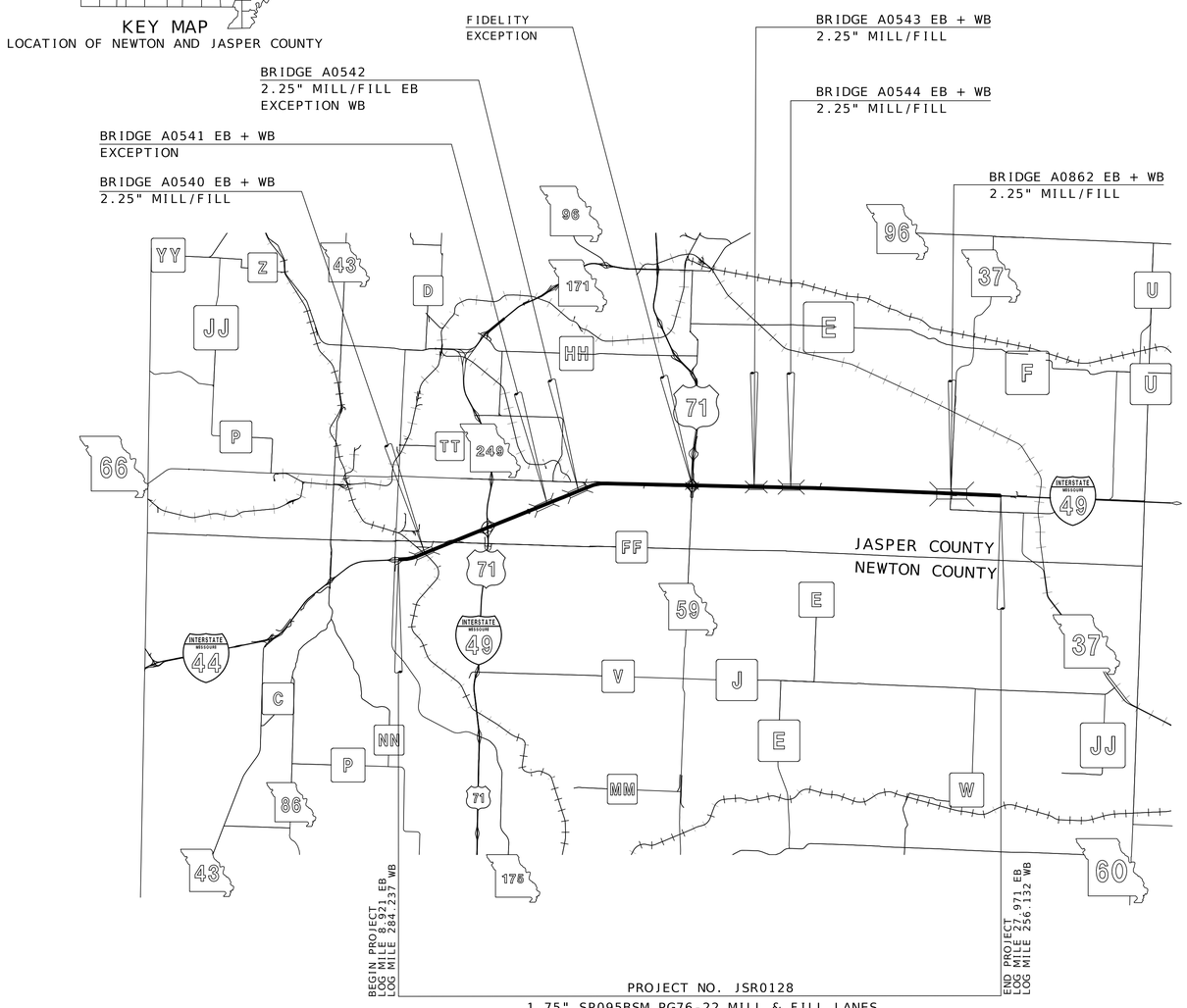
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	FO	FO
OVERHEAD CABLE TV	OTV	OTV
UNDERGROUND CABLE TV	UTV	UTV
OVERHEAD TELEPHONE	OT	OT
UNDERGROUND TELEPHONE	UT	UT
OVERHEAD POWER	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		
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
NEWTON AND JASPER COUNTY



KEY MAP
LOCATION OF NEWTON AND JASPER COUNTY



NOT TO SCALE

1.75" SP095BSM PG76-22 MILL & FILL LANES
1.75" BP-2 PG64-22 MILL & FILL OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

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) (11 SHEETS)	3
SPECIAL SHEETS (SS)	4-15
TRAFFIC CONTROL SHEETS (TC)	15-29
BRIDGE DRAWINGS (B) A05402, A05403, A05423, A05434, A05435, A05444, A05445, A08623, -- A08624	1

LENGTH OF PROJECT
LOG MILES FROM 2025 ARAN

EAST BOUND I-44

BEGINNING OF PROJECT	LM. 8.921	
END OF PROJECT	LM. 27.971	
APPARENT LENGTH	100,584.00	FEET
EXCEPTIONS :		
A0540E LM 9.736 - 9.742	31.68	FEET
A0540E LM 9.779 - 9.784	26.40	FEET
A0541E LM 13.813 - 13.848	184.80	FEET
A0542E LM 14.843 - 14.848	26.40	FEET
A0542E LM 14.873 - 14.885	63.36	FEET
FIDELITY LM 18.145 - 18.817	3,548.16	FEET
A0543E LM 20.473 - 20.484	58.08	FEET
A0543E LM 20.521 - 20.532	58.08	FEET
A0544E LM 21.102 - 21.116	73.92	FEET
A0544E LM 21.170 - 21.182	63.36	FEET
A0862E LM 26.489 - 26.494	26.40	FEET
A0862E LM 26.521 - 26.527	31.68	FEET
TOTAL CORRECTIONS	-4,192.32	FEET
TOTAL EB LENGTH	96,391.68	FEET

WEST BOUND I-44

BEGINNING OF PROJECT	LM. 265.132	
END OF PROJECT	LM. 284.237	
APPARENT LENGTH	100,874.40	FEET
EXCEPTIONS :		
A0862W LM 266.641 - 266.646	26.40	FEET
A0544W LM 271.994 - 272.007	68.64	FEET
A0544W LM 272.061 - 272.074	68.40	FEET
A0543W LM 272.634 - 272.639	26.40	FEET
A0543W LM 272.681 - 272.692	58.08	FEET
FIDELITY LM 274.286 - 275.095	4,271.52	FEET
A0542W LM 278.290 - 278.338	253.44	FEET
A0541W LM 279.333 - 279.374	216.48	FEET
A0540W LM 283.383 - 283.395	63.360	FEET
A0540W LM 283.427 - 283.439	63.360	FEET
TOTAL CORRECTIONS	-5,116.32	FEET
TOTAL WB LENGTH	95,758.08	FEET

NET LENGTH OF PROJECT	192,149.08	FEET
STATE LENGTH	36.392	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.01	ACRES

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/06/2026 6:27:31 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/24/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

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.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

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

OFFSET RUMBLES EB = 8.921 TO 11.398
OFFSET RUMBLES WB = 281.548 TO 284.237

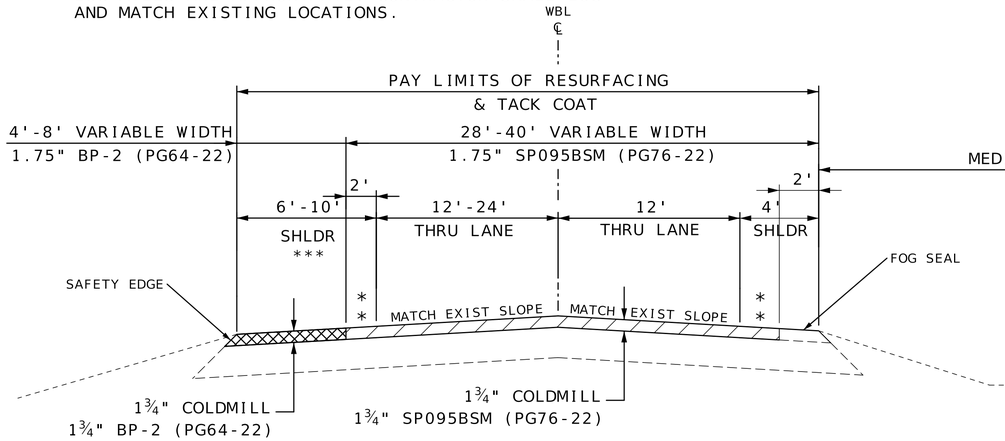
LOG MILES ARE APPROXIMATE. CONTRACTOR SHALL LOG
AND MATCH EXISTING LOCATIONS.

*USE IN PLACE EXISTING CONCRETE AUXILLARY LANE AND SHOULDER
LM EB 12.278 TO LM EB 13.151
LM EB 13.230 TO LM EB 13.266
LM EB 13.379 TO LM EB 13.582
LM WB 279.623 TO LM WB 279.825
LM WB 279.905 TO LM WB 279.940
LM WB 280.053 TO LM WB 280.834

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

***OMIT PAVING OUTER SHOULDER:
LM EB 18.017 TO LM EB 18.145
LM EB 18.817 TO LM EB 19.286
LM WB 274.145 TO LM WB 274.286
LM WB 275.095 TO LM WB 275.561

ASPHALT FACTORS	COMBINED FACTOR
SP095BSM (PG76-22)	1.930 TONS/CY
BP-2 (PG64-22)	1.965 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
FOG SEAL	
	0.2 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE IS-44 WB

LM WB 265.132 TO LM WB 266.635
LM WB 266.679 TO LM WB 271.994
LM WB 272.074 TO LM WB 272.634
LM WB 272.692 TO LM WB 274.286
LM WB 275.095 TO LM WB 277.011
LM WB 277.867 TO LM WB 278.290
LM WB 278.338 TO LM WB 279.331
LM WB 279.374 TO LM WB 283.383*
LM WB 283.439 TO LM WB 284.237

WB EXCEPTIONS

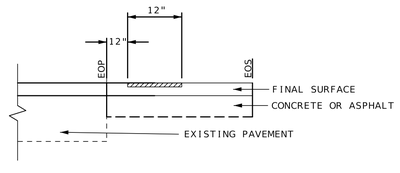
LM WB 266.641 TO LM WB 266.646 (A0862W)
LM WB 271.994 TO LM WB 272.007 (A0544W)
LM WB 272.061 TO LM WB 272.074 (A0544W)
LM WB 272.634 TO LM WB 272.639 (A0543W)
LM WB 272.681 TO LM WB 272.692 (A0543W)
LM WB 274.286 TO LM WB 275.095 (FIDELITY)
LM WB 278.290 TO LM WB 278.338 (A0542W)
LM WB 279.333 TO LM WB 279.374 (A0541W)
LM WB 283.383 TO LM WB 283.395 (A0540W)
LM WB 283.427 TO LM WB 283.439 (A0540W)

SLAB JACKING MATERIAL
HIGH DENSITY POLYURETHANE

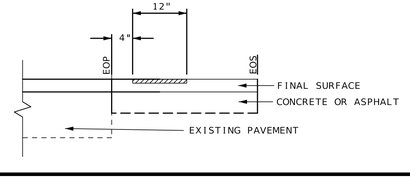
LM EB 26.516 TO LM EB 26.521 (A0862E)

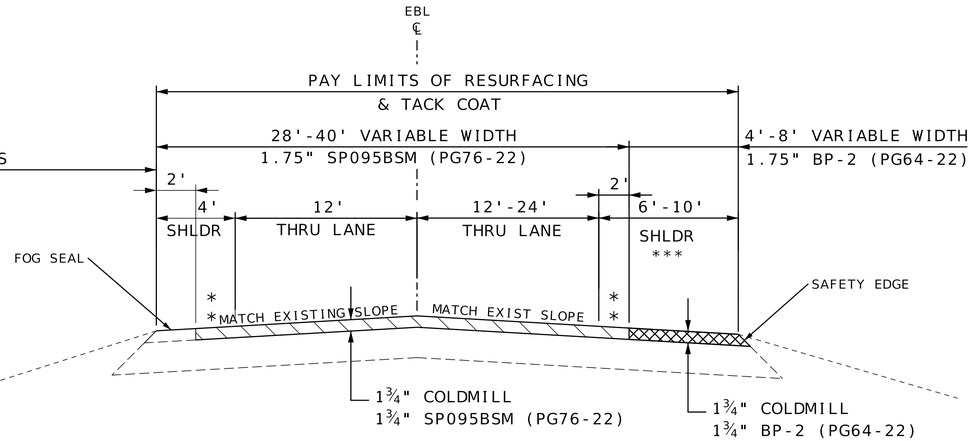
LM WB 266.669 TO LM EB 266.673 (A0862W)
LM WB 272.639 TO LM EB 272.644 (A0543W)

OFFSET RUMBLE STRIP DETAILS



RUMBLE STRIP DETAILS





MEDIAN WIDTH VARIES

ROUTE IS-44 EB

LM EB 8.921 TO LM EB 9.736
LM EB 9.784 TO LM EB 13.806*
LM EB 13.848 TO LM EB 14.836
LM EB 14.885 TO LM EB 18.145
LM EB 18.817 TO LM EB 20.473
LM EB 20.532 TO LM EB 21.102
LM EB 21.182 TO LM EB 26.484
LM EB 26.527 TO LM EB 27.971

EB EXCEPTIONS

LM EB 9.736 TO LM EB 9.742 (A0540E)
LM EB 9.779 TO LM EB 9.784 (A0540E)
LM EB 13.813 TO LM EB 13.848 (A0541E)
LM EB 14.843 TO LM EB 14.848 (A0542E)
LM EB 14.873 TO LM EB 14.885 (A0542E)
LM EB 18.145 TO LM EB 18.817 (FIDELITY)
LM EB 20.473 TO LM EB 20.484 (A0543E)
LM EB 20.521 TO LM EB 20.532 (A0543E)
LM EB 21.102 TO LM EB 21.116 (A0544E)
LM EB 21.170 TO LM EB 21.182 (A0544E)
LM EB 26.489 TO LM EB 26.494 (A0862E)
LM EB 26.521 TO LM EB 26.527 (A0862E)

NOT TO SCALE

TYPICAL SECTION
SHEET 1 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/06/2026 6:27:41 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/25/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

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.

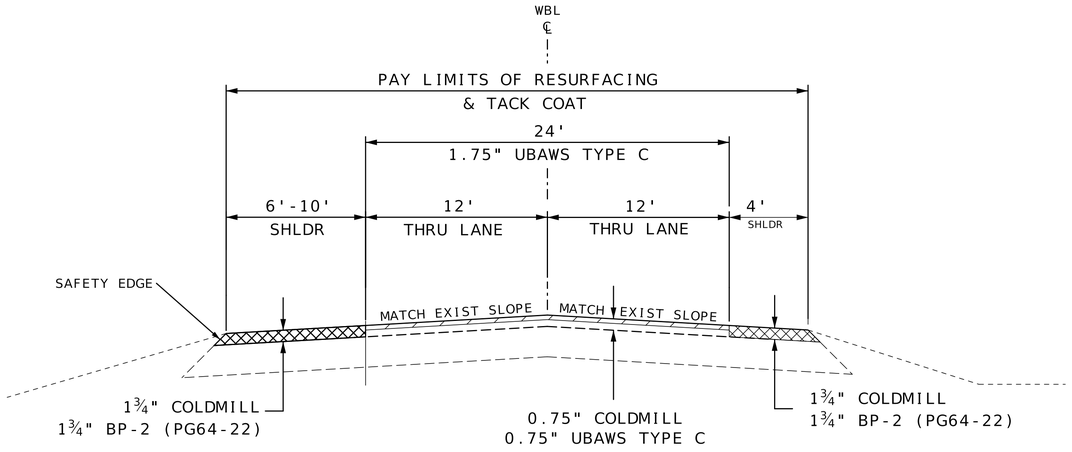
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

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

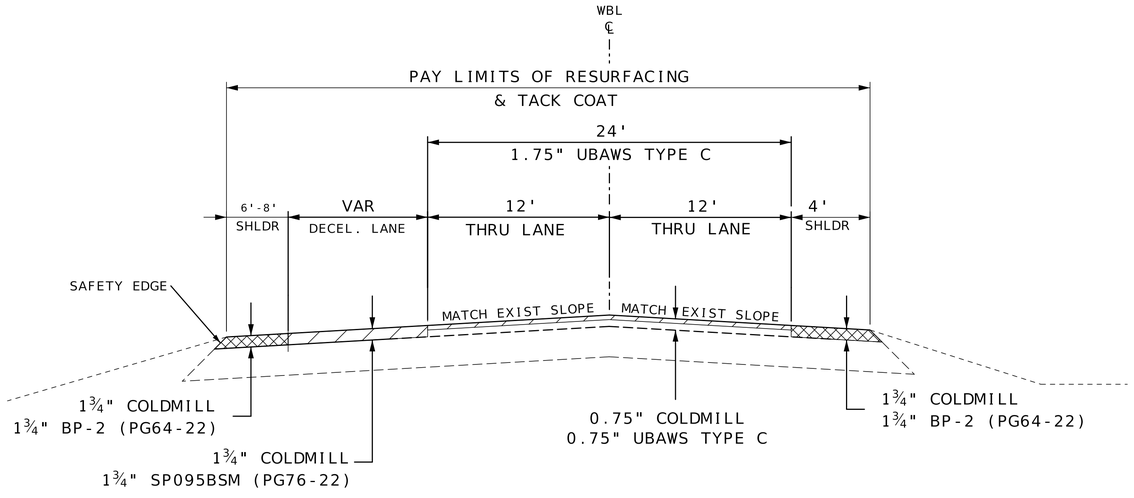
LOG MILES ARE APPROXIMATE. CONTRACTOR SHALL LOG
AND MATCH EXISTING LOCATIONS.

ASPHALT FACTORS	COMBINED FACTOR
SP095BSM (PG76-22)	1.930 TONS/CY
BP-2 (PG64-22)	1.965 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
FOG SEAL	
	0.2 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE IS-44 WB

LM WB 277.011 TO LM WB 277.184
LM WB 277.355 TO LM WB 277.867



ROUTE IS-44 WB

LM WB 277.184 TO LM WB 277.335

NOT TO SCALE

TYPICAL SECTION
SHEET 2 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 6:13:31 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/7/2026
ROUTE: I-44 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: NEWTON / JASPER
JOB NO.: JSR0128
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.

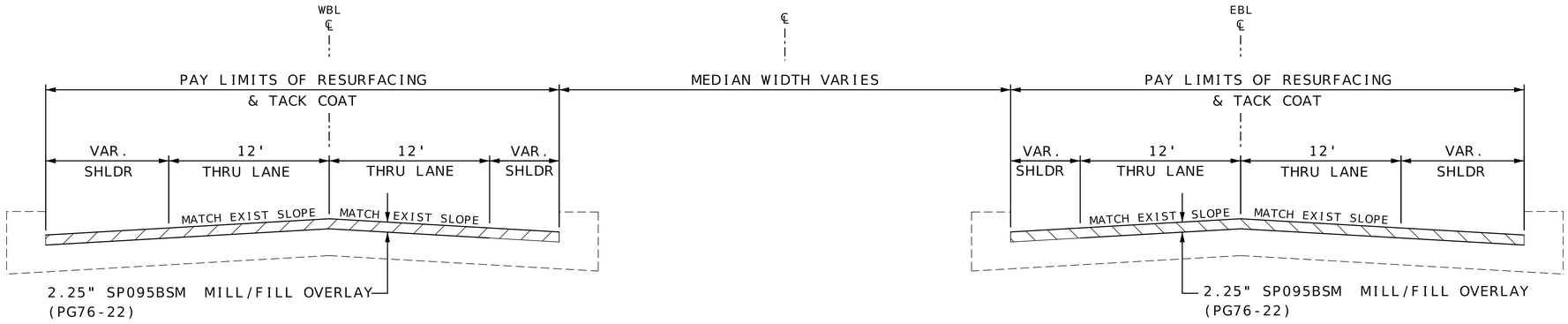
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

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

LOG MILES ARE APPROXIMATE. CONTRACTOR SHALL LOG
AND MATCH EXISTING LOCATIONS.

ASPHALT FACTORS	
	COMBINED FACTOR
SP095BSM (PG76-22)	1.930 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE IS-44 WB

LM WB 266.646 TO LM WB 266.669 (A0862W)
LM WB 272.007 TO LM WB 272.061 (A0544W)
LM WB 272.644 TO LM WB 272.681 (A0543W)
LM WB 283.395 TO LM WB 283.427 (A0540W)

ROUTE IS-44 EB

LM EB 9.747 TO LM EB 9.779 (A0540E)
LM EB 14.848 TO LM EB 14.873 (A0542E)
LM EB 20.484 TO LM EB 20.521 (A0543E)
LM EB 21.116 TO LM EB 21.170 (A0544E)
LM EB 26.494 TO LM EB 26.516 (A0862E)

NOT TO SCALE

SEE TYPICAL SHEET 1 FOR EXCEPTION LOG MILES

TYPICAL SECTION
SHEET 3 OF 4

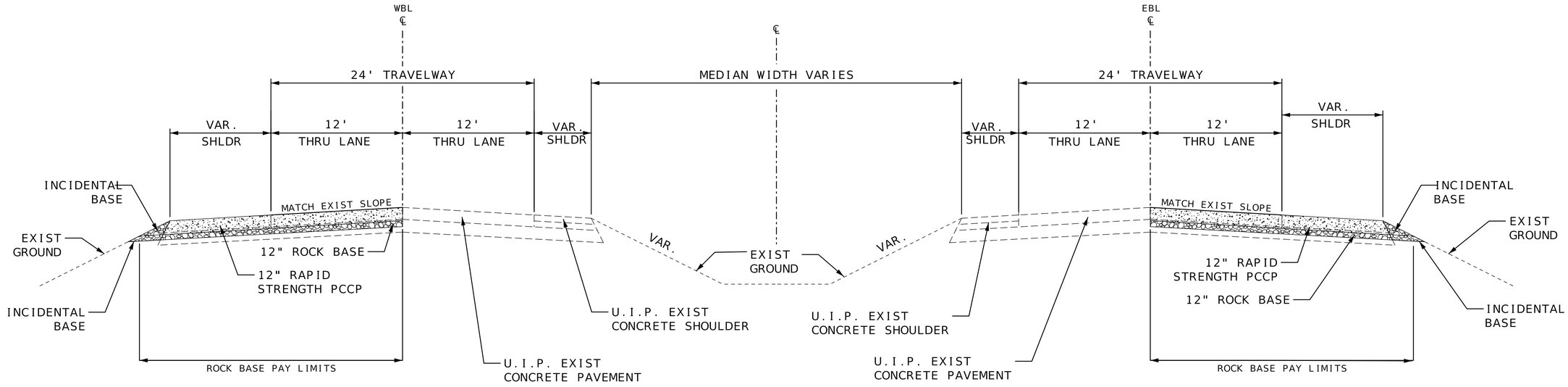
STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 6:13:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY
NEWTON / JASPER
JOB NO.
JSR0128
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 IS-44 WB

LM WB 266.635 TO LM WB 266.641
LM WB 266.673 TO LM WB 266.679
LM WB 279.331 TO LM WB 279.333

ROUTE IS-44 EB

LM EB 13.806 TO LM EB 13.813
LM EB 14.836 TO LM EB 14.843
LM EB 26.484 TO LM EB 26.489

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

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

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

ASPHALT FACTORS

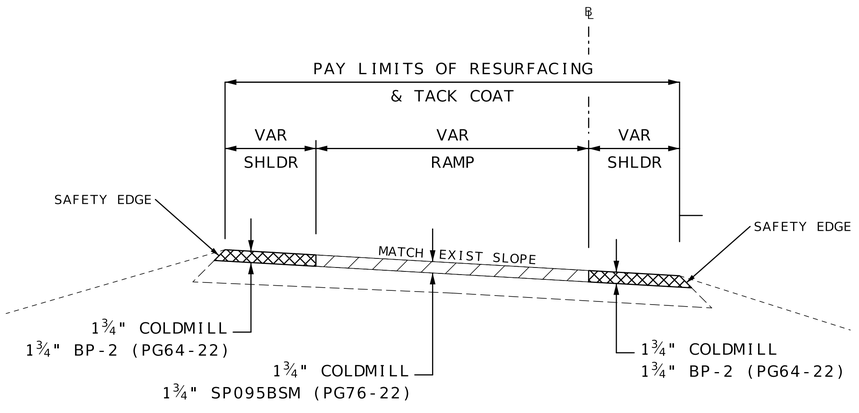
	COMBINED FACTOR
SP095BSM (PG76-22)	1.930 TONS/CY
BP-2 (PG64-22)	1.965 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
FOG SEAL	
	0.2 GAL/SY
IRREGULARITIES: 75 TONS/MI	

WB RAMP TYPICAL SECTION

LM 0.022 TO LM 0.167 (IS44W TO MO37)
LM 0.004 TO LM 0.183 (MO37 TO IS44W)
LM 0.068 TO LM 0.197 (IS44W TO CRD100)
LM 0.003 TO LM 0.156 (CRD100 TO IS44W)
LM 0.021 TO LM 0.286 (IS44W TO IS49N)
LM 0.019 TO LM 0.196 (IS49N TO IS44W)
LM 0.029 TO LM 0.201 (IS44W TO MO59S)
LM 0.066 TO LM 0.286 (IS49S TO IS44W)
LM 0.066 TO LM 0.141 (IS44W TO MO66)
LM 0.037 TO LM 0.146 (IS44W TO IS49S)
LM 0.568 TO LM 0.683 (IS49N TO IS44W)
LM 0.025 TO LM 0.166 (MO249S TO IS44W)
LM 0.024 TO LM 0.236 (IS44W TO LP49N)

EB RAMP TYPICAL SECTION

LM 0.065 TO LM 0.238 (LP49N TO IS44E)
LM 0.045 TO LM 0.154 (IS44E TO IS49S)
LM 0.129 TO LM 0.234 (MO249S TO IS44E)
LM 0.031 TO LM 0.141 (IS44E TO MO249N)
LM 0.383 TO LM 0.490 (IS49N TO IS44E)
LM 0.463 TO LM 0.475 (MO66E TO IS44E)
LM 0.028 TO LM 0.305 (IS44E TO MO59S)
LM 0.300 TO LM 0.475 (IS49S TO IS44E)
LM 0.020 TO LM 0.198 (IS44E TO IS49N)
LM 0.018 TO LM 0.293 (MO59N TO IS44E)
LM 0.020 TO LM 0.173 (I44E TO CRD100)
LM 0.002 TO LM 0.024 (CRD100 TO IS44E)
LM 0.021 TO LM 0.199 (IS44E TO MO37)
LM 0.000 TO LM 0.150 (MO37 TO IS44E)



NOT TO SCALE

SEE TYPICAL SHEET 1 FOR EXCEPTION LOG MILES

TYPICAL SECTION
SHEET 4 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 6:13:55 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/7/2026
ROUTE: I-44 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: NEWTON / JASPER
JOB NO.: JSR0128
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	BEGIN LOG MILE	END LOG MILE	RT/LT OFFSET	UNIT	TOTAL	DESCRIPTION	REMARKS
IS44E	12.296	12.326	RT	FT	150	GUARDRAIL	
IS44E	12.645	12.702	RT	FT	300	GUARDRAIL	
IS44E	13.023	13.051	RT	FT	150	GUARDRAIL	
IS44E	13.806	13.813	RT	SY	60	CONCRETE PAVEMENT	
IS44E	14.836	14.843	RT	SY	78	CONCRETE PAVEMENT	
IS44E	26.484	26.489	RT	SY	60	CONCRETE PAVEMENT	
IS44E	272.644	272.681	CL	EA	60	TEMPERATURE SENSOR	BRIDGE A0543W
IS44W	284.088		LT	EA	1	MISC. FOUNDATIONS	SIGN TRUSS SUPPORT
IS44W	284.048	284.105	LT	FT	300	GUARDRAIL	
IS44W	266.635	266.641	RT	SY	60	CONCRETE PAVEMENT	
IS44W	266.673	266.679	RT	SY	178	CONCRETE PAVEMENT	
IS44W	279.331	279.333	RT	SY	20	CONCRETE PAVEMENT	
TOTAL = 1 LUMP SUM							

CONTRACTOR FURNISHED SURVEYING & STAKING

1 LUMP SUM

MOBILIZATION

1 LUMP SUM

GRAVEL (A) OR CRUSHED STONE (B)

50 TONS

USE AS NEEDED AT EXISTING EMERGENCY CROSSOVER LOCATIONS

TEMPORARY PAVEMENT MARKING PAINT

1 LUMP SUM

RAPID STRENGTH CONCRETE PAVEMENT

ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	UNCLASSIFIED EXCAVATION	COMPACTING IN CUT	MODIFIED SUBGRADE	GEOGRID	FURNISHING ROCK BASE MATERIAL	PLACING ROCK BASE	RAPID STRENGTH CONCRETE PAVEMENT	DIAMOND GRIND FOR NEW CONCRETE PAVEMENT	REMARKS
			LF	LF	CY	STA	SY	SY	SY	SY	SY	SY	
IS44 EB	13.806	13.813	27.0	20.0	22.1	0.27	64.50	60.00	60.00	60.00	60.00	60.00	BRIDGE A0541E
IS44 EB	14.836	14.843	35.0	20.0	28.6	0.35	83.61	77.78	77.78	77.78	77.78	77.78	BRIDGE A0542E
IS44 EB	26.484	26.489	27.0	20.0	22.1	0.27	64.50	60.00	60.00	60.00	60.00	60.00	BRIDGE A0862E
IS44 WB	266.635	266.641	27.0	20.0	22.1	0.27	64.50	60.00	60.00	60.00	60.00	60.00	BRIDGE A0862W
IS44 WB	266.673	266.679	80.0	20.0	65.4	0.80	191.11	177.78	177.78	177.78	177.78	177.78	BRIDGE A0862W
IS44 WB	279.331	279.333	8.0	22.0	7.2	0.08	20.89	19.56	19.56	19.56	19.56	19.56	BRIDGE A0541W
				TOTAL	167.5	2.0	489.11	455.12	455.12	455.12	455.12	455.12	
				USE	168.0	2	489.1	455.1	455.1	455.1	455.1	455.1	

LINEAR GRADING

ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	LINEAR GRADING CLASS 2	SEEDING COOL SEASON GRASSES	TEMPORARY SEEDING	MULCHING	REMARKS
			LF	LF	100 FT	AC	AC	AC	
IS44 EB	13.806	13.813	27.0	20.0	0.27	0.10	0.10	0.10	BRIDGE A0541E
IS44 EB	14.836	14.843	35.0	20.0	0.35	0.10	0.10	0.10	BRIDGE A0542E
IS44 EB	26.484	26.489	27.0	20.0	0.27	0.10	0.10	0.10	BRIDGE A0862E
IS44 WB	266.635	266.641	27.0	20.0	0.27	0.10	0.10	0.10	BRIDGE A0862W
IS44 WB	266.673	266.679	80.0	20.0	0.80	0.10	0.10	0.10	BRIDGE A0862W
IS44 WB	279.331	279.333	8.0	22.0	0.08	0.10	0.10	0.10	BRIDGE A0541W
				TOTAL	2.04	0.60	0.60	0.60	
				USE	2.1	0.6	0.6	0.6	

EROSION CONTROL

ROUTE	BEGIN LOG MILE	END LOG MILE	LOCATION	LENGTH	SILT FENCE	SEDIMENT REMOVAL	REMARKS
				LF	LF	CY	
IS44 EB	13.806	13.813	RT	36.96	73.9	0.74	IS44 EB
I-44 EB	14.836	14.843	RT	36.96	73.9	0.74	IS44 EB
I-44 EB	26.484	26.489	RT	26.4	52.8	0.53	IS44 EB
I-44 EB	266.635	266.641	RT	31.68	63.4	0.63	IS44 WB
I-44 EB	266.673	266.679	RT	31.68	63.4	0.63	IS44 WB
I-44 EB	279.331	279.333	RT	10.56	21.1	0.21	IS44 WB
				TOTAL	348.5	3.48	
				USE	349	3.5	

SUMMARY OF QUANTITIES
SHEET 1 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 6:14:06 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY NEWTON / JASPER
JOB NO. JSR0128
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

ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	SP095BSM 1.75" 1.930 TONS/CY	SP095BSM 2.25" 1.930 TONS/CY	UBAWS	AVG. SHOULDER WIDTH	MEASURED SHOULDER AREA	BP-2 1.75" 1.965 TONS/CY	TACK 0.10	FOG SEAL 0.20	FULL DEPTH COLDMILL 3" OR LESS	REMOVAL OF CONCRETE WEARING SURFACE	REMARKS
			LF	LF	SF	TONS	TONS	SY	LF	SF	TONS	GAL	GAL	SY	SF	
IS44E	8.921	8.987	348.5	28.0		101.72			7.0		25.89	135.5	15.5	1355.3		BEGIN TO RANGE LINE RAMP MERGE
IS44E	8.987	9.031	232.3		12908.0	134.56				592.0	6.28	150.0	10.3	1500.0		RANGE LINE RAMP MERGE AREA
IS44E	9.031	9.104	385.4	40.0		160.70			4.0		16.36	188.4	17.1	1884.2		3 LANE SECTION
IS44E	9.104	9.252	781.4		30305.0	315.91				4864.0	51.62	390.8	34.7	3907.7		LANE MERGE AREA
IS44E	9.252	9.736	2555.5	28.0		745.91			10.0		271.23	1079.0	113.6	10789.9		MAINELINE
IS44E	9.736	9.748	63.4			0.00								0.0		BRIDGE A0540 EB APPROACH
IS44E	9.748	9.779	163.7	37.0			81.18					67.3			6056.9	BRIDGE A0540 EB MILL/FILL
IS44E	9.779	9.784	26.4			0.00								0.0		BRIDGE A0540 EB APPROACH
IS44E	9.784	11.398	8521.9	28.0		2487.40			8.0		723.57	3408.8	378.8	34087.6		MAINELINE
IS44E	11.398	11.436	200.6		8890.0	92.67					0.00	98.8	8.9	987.8		ADD LANE AREA
IS44E	11.436	11.486	264.0	42.0		115.59			4.0		11.21	134.9	11.7	1349.3		3 LANE SECTION
IS44E	11.486	11.560	390.7		18798.0	195.96				2336.0	24.79	234.8	17.4	2348.2		RAMP TO MO249 AREA
IS44E	11.560	11.750	1003.2	28.0		292.82			8.0		85.18	401.3	44.6	4012.8		MAINELINE
IS44E	11.750	11.769	100.3		4714.0	49.14				707.0	7.50	60.2	4.5	602.3		LOOP RAMP MERGE
IS44E	11.769	11.928	839.5	42.0		367.55			4.0		35.64	429.1	37.3	4290.8		3 LANE SECTION
IS44E	11.928	11.953	132.0		6050.0	63.07				1094.0	11.61	79.4	5.9	793.8		LOOP RAMP DEPARTURE
IS44E	11.953	12.150	1040.2	28.0		303.62			8.0		88.32	416.1	46.2	4160.8		MAINELINE
IS44E	12.150	12.190	211.2		11511.0	120.00				1489.0	15.80	144.4	9.4	1444.4		RAMP MERGE AREA
IS44E	12.190	12.278	464.6	40.0		193.73			6.0		29.59	237.5	20.6	2374.6		3 LANE SECTION
IS44E	12.278	13.151	4609.4	26.0		1249.30					0.00	1331.6	204.9	13316.0		3 LANE SECTION (PARTIAL CONCRETE)
IS44E	13.151	13.230	417.1	28.0		121.74			8.0		35.41	166.8	18.5	1668.4		MAINELINE
IS44E	13.230	13.266	190.1	26.0		51.52					0.00	54.9	8.4	549.2		MAINELINE (CONCRETE SHLDR)
IS44E	13.266	13.379	596.6	28.0		174.14			8.0		50.66	238.6	26.5	2386.4		MAINLINE
IS44E	13.379	13.582	1071.8	26.0		290.49					0.00	309.6	47.6	3096.3		3 LANE SECTION (PARTIAL CONCRETE)
IS44E	13.582	13.806	1182.7	28.0		345.21			8.0		100.42	473.1	52.6	4730.8		MAINLINE
IS44E	13.806	13.814	42.2			0.00								0.0		BRIDGE A0541 EB APPROACH
IS44E	13.814	13.836	116.2	37.0										477.7		BRIDGE A0541 EB EXCEPTION
IS44E	13.836	13.848	63.4			0.00								0.0		BRIDGE A0541 EB APPROACH
IS44E	13.848	14.836	5216.6	28.0		1522.64			8.0		442.93	2086.6	231.8	20866.4		MAINLINE
IS44E	14.836	14.847	58.1			0.00								0.0		BRIDGE A0542 EB APPROACH
IS44E	14.847	14.874	142.6	40.0			76.45					63.4			5704.0	BRIDGE A0542 EB MILL/FILL
IS44E	14.874	14.885	58.1			0.00								0.0		BRIDGE A0542 EB APPROACH
IS44E	14.885	15.457	3020.2	28.0		881.54			8.0		256.44	1208.1	134.2	12080.8		MAINLINE
IS44E	15.457	15.492	184.8		8729.0	90.99				1561.0	16.57	114.3	8.2	1143.3		RAMP MERGE AREA
IS44E	15.492	15.579	459.4	40.0		191.56			4.0		19.50	224.6	20.4	2246.0		3 LANE SECTION
IS44E	15.579	15.616	195.4		7831.0	81.63					0.00	87.0	8.7	870.1		LANE DROP AREA
IS44E	15.616	18.017	12677.3	28.0		3700.28			8.0		1076.40	5070.9	563.4	50709.2		MAINLINE
IS44E	18.017	18.145	675.8	26.0		183.16						195.2	30.0	1952.3		
IS44E	18.145	18.817	3548.2			0.00										FIDELITY EXCEPTION
IS44E	18.817	19.286	2476.3	26.0		671.16						715.4	110.1	7153.8		
					SUB TOTAL EB 1	15295.71	157.63	0.0			3402.92	19996.4	2241.8	199136.2	11760.9	

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

SUMMARY OF QUANTITIES
SHEET 2 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 6:14:01 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED 8/7/2026

ROUTE I-44 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY NEWTON/JASPER

JOB NO. JSR0128

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

ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	SP095BSM 1.75"	SP095BSM 2.25"	UBAWS	AVG. SHOULDER WIDTH	MEASURED SHOULDER AREA	BP-2 1.75"	TACK	FOG SEAL	FULL DEPTH COLDMILL	REMOVAL OF CONCRETE WEARING SURFACE	REMARKS
			LF	LF	SF	1.930 TONS/CY	1.930 TONS/CY	SY	LF	SF	1.965 TONS/CY	0.10	0.20	3" OR LESS	SF	
IS44E	19.286	20.473	6267.4	28.0		1829.35			8.0		532.15	2507.0	278.6	25069.6		MAINLINE
IS44E	20.473	20.484	58.1			0.00								0.0		BRIDGE A0453 EB APPROACH
IS44E	20.484	20.522	200.6	37.0			99.48					82.5			7422.2	BRIDGE A0543 EB MILL/FILL
IS44E	20.522	20.532	52.8			0.00								0.0		BRIDGE A0453 EB APPROACH
IS44E	20.532	21.102	3009.6	28.0		878.45			8.0		255.54	1203.8	133.8	12038.4		MAINLINE
IS44E	21.102	21.116	73.9			0.00								0.0		BRIDGE A0454 EB APPROACH
IS44E	21.116	21.169	279.8	37.0			138.75					115.0			10352.6	BRIDGE A0544 EB MILL/FILL
IS44E	21.169	21.182	68.6			0.00								0.0		BRIDGE A0454 EB APPROACH
IS44E	21.182	22.163	5179.7	28.0		1511.86			8.0		439.79	2071.9	230.2	20718.8		MAINLINE
IS44E	22.163	22.220	301.0		12301.0	128.23					0.00	136.7	13.4	1366.8		LANE ADD AREA
IS44E	22.220	22.290	369.6	40.0		154.11			4.0		15.69	180.7	16.4	1806.9		3 LANE SECTION
IS44E	22.290	22.347	301.0		14617.0	152.37				2526.0	26.81	190.5	13.4	1904.8		RAMP DEPART AREA
IS44E	22.347	22.631	1499.5	28.0		437.68			8.0		127.32	599.8	66.6	5998.0		MAINLINE
IS44E	22.631	22.686	290.4		14309.0	149.16				3080.0	32.69	193.2	12.9	1932.1		RAMP MERGE AREA
IS44E	22.686	22.778	485.8	40.0		202.57			4.0		20.62	237.5	21.6	2375.0		3 LANE SECTION
IS44E	22.778	22.826	253.4		10693.0	111.47					0.00	118.8	11.3	1188.1		LANE MERGE AREA
IS44E	22.826	26.144	17519.0	28.0		5113.49			8.0		1487.49	7007.6	778.6	70076.0		MAINLINE
IS44E	26.144	26.198	285.1		11694.0	121.90					0.00	129.9	12.7	1299.3		LANE ADD AREA
IS44E	26.198	26.267	364.3	40.0		151.90			4.0		15.47	178.1	16.2	1781.0		3 LANE SECTION
IS44E	26.267	26.326	311.5		14861.0	154.92				2094.0	22.22	188.4	13.8	1883.9		RAMP AREA
IS44E	26.326	26.484	834.2	28.0		243.49			8.0		70.83	333.7	37.1	3336.8		MAINLINE
IS44E	26.484	26.494	52.8			0.00								0.0		BRIDGE A0862 EB APPROACH
IS44E	26.494	26.517	121.4	38.0			61.83					51.3			4613.2	BRIDGE A0862 EB MILL/FILL
IS44E	26.517	26.527	52.8			0.00								0.0		BRIDGE A0862 EB APPROACH
IS44E	26.527	26.654	670.6	28.0		195.74			8.0		56.94	268.2	29.8	2682.4		MAINLINE
IS44E	26.654	26.711	301.0		13236.0	137.98				2964.0	31.46	180.0	13.4	1800.0		RAMP MERGE AREA
IS44E	26.711	26.768	301.0	40.0		125.51			4.0		12.78	147.2	13.4	1471.6		3 LANE SECTION
IS44E	26.768	26.844	401.3			0.00					0.00	0.0	17.8	0.0		LANE MERGE AREA
IS44E	26.844	27.971	5950.6	28.0		1736.88			8.0		505.25	2380.2	264.5	23802.4		MAINLINE TO END
						0.00					0.00			0.0		
IS44E	8.921	27.971	100584.0			1428.75					1428.75					IRREGULARITIES - 75 TONS/MILE
IS44E	8.921	27.971	100584.0								134.83					SAFETY EDGE
					SUB TOTAL EB 2	14965.81	300.06	0.0			5216.63	18502.0	1995.5	182531.9	22388.0	

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

SUMMARY OF QUANTITIES
SHEET 3 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 6:14:14 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED 8/7/2026
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY NEWTON / JASPER
JOB NO. JSR0128
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

ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	SP095BSM 1.75"	SP095BSM 2.25"	UBAWS	AVG. SHOULDER WIDTH	MEASURED SHOULDER AREA	BP-2 1.75"	TACK	FOG SEAL	FULL DEPTH COLDMILL	REMOVAL OF CONCRETE WEARING SURFACE	REMARKS
			LF	LF	SF	1.930 TONS/CY TONS	1.930 TONS/CY TONS	SY	LF	SF	1.965 TONS/CY TONS	0.10 GAL	0.20 GAL	3" OR LESS SY	SF	
IS44W	265.132	266.314	6241.0	28.0		1821.64			8.0		529.91	2496.4	277.4	24964.0		
IS44W	266.314	266.369	290.4		12289.0	128.11					0.00	136.5	12.9	1365.4		ADD LANE
IS44W	266.369	266.454	448.8	40.0		187.14			4.0		19.05	219.4	19.9	2194.1		3 LANE SECTION
IS44W	266.454	266.511	301.0		14203.0	148.06				2784.0	29.55	188.7	13.4	1887.4		RAMP DEPART
IS44W	266.511	266.635	654.7	28.0		191.10			8.0		55.59	261.9	29.1	2618.8		
IS44W	266.635	266.645	52.8			0.00								0.0		BR A0862 APPROACH
IS44W	266.645	266.669	126.7	37.0			62.83					52.1	5.6		4687.9	BR A0862 MILL/FILL
IS44W	266.669	266.679	52.8			0.00								0.0		BR A0862 APPROACH
IS44W	266.679	266.837	834.2	28.0		243.49			8.0		70.83	333.7	37.1	3336.8		
IS44W	266.837	266.901	337.9		17048.0	177.71				2968.0	31.50	222.4	15.0	2224.0		
IS44W	266.901	266.975	390.7	40.0		162.91			4.0		16.59	191.0	17.4	1910.1		3 LANE SECTION
IS44W	266.975	267.041	348.5		14713.0	153.37					0.00	163.5	15.5	1634.8		MERGE AREA
IS44W	267.041	270.368	17566.6	28.0		5127.39			8.0		1491.53	7026.6	780.7	70266.4		
IS44W	270.368	270.417	258.7		10785.0	112.43					0.00	119.8	11.5	1198.3		ADD LANE
IS44W	270.417	270.495	411.8	40.0		171.71			4.0		17.48	201.3	18.3	2013.2		3 LANE SECTION
IS44W	270.495	270.538	227.0		13542.0	141.17				2312.0	24.54	176.2	10.1	1761.6		RAMP DEPART
IS44W	270.538	270.820	1489.0	28.0		434.61			8.0		126.43	595.6	66.2	5956.0		
IS44W	270.820	270.884	337.9		15765.0	164.34				3070.0	32.58	209.3	15.0	2092.8		RAMP MERGE
IS44W	270.884	270.956	380.2	40.0		158.53			4.0		16.14	185.9	16.9	1858.8		3 LANE SECTION
IS44W	270.956	271.003	248.2		10628.0	110.79					0.00	118.1	11.0	1180.9		LANE MERGE
IS44W	271.003	271.994	5232.5	28.0		1527.28			8.0		444.28	2093.0	232.6	20930.0		
IS44W	271.994	272.007	68.6			0.00								0.0		BRIDGE A0544 APPROACH
IS44W	272.007	272.062	290.4	37.0			144.01					119.4			10744.8	BRIDGE A0544 MILL/FILL
IS44W	272.062	272.074	63.4			0.00								0.0		BRIDGE A0544 APPROACH
IS44W	272.074	272.634	2956.8	28.0		863.04			8.0		251.05	1182.7	131.4	11827.2		
IS44W	272.634	272.644	52.8			0.00								0.0		BRIDGE A0543 APPROACH
IS44W	272.644	272.682	200.6	37.0			99.48					82.5	8.9		7422.2	BRIDGE A0543 MILL/FILL
IS44W	272.682	272.692	52.8			0.00								0.0		BRIDGE A0543 APPROACH
IS44W	272.692	274.145	7671.8	28.0		2239.27			8.0		651.39	3068.7	341.0	30687.2		
IS44W	274.145	274.286	744.5	26.0		201.78						215.1	33.1	2150.8		
IS44W	274.286	275.095	4271.5													FIDELITY EXCEPTION
IS44W	275.095	275.561	2460.5	26.0		666.88				1260.0	13.37	724.8	109.4	7248.1		
IS44W	275.561	277.011	7656.0	28.0		2234.65			8.0		650.05	3062.4	340.3	30624.0		
IS44W	277.011	277.184	913.4	VAR	3653.6	38.09		2435.7	10.0		96.94	142.1		1691.5		BEGIN UBAWS
IS44W	277.184	277.233	258.7	VAR	3621.8	37.76		689.9			0.00	40.2		479.1		
IS44W	277.233	277.308	396.0	VAR	6336.0	66.05		1056.0	6.0		25.22	96.8		1085.3		
IS44W	277.308	277.355	248.2	VAR	5196.1	54.17		661.9		1894.8	20.11	78.8		861.4		RAMP AREA
IS44W	277.355	277.867	2703.4	VAR	10813.6	112.73		7209.1	10.0		286.92	420.5		5006.3		END UBAWS
						0.00					0.00			0.0		
						0.00					0.00			0.0		
					SUB TOTAL WB 1	17676.20	306.32	12052.6			4901.05	24225.4	2569.7	241054.3	22854.9	

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SUMMARY OF QUANTITIES
SHEET 4 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
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08/10/2026 6:14:26 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/7/2026
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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ASPHALT, TACK, FOG SEAL, COLDMILLING

ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	SP095BSM 1.75"	SP095BSM 2.25"	UBAWS	AVG. SHOULDER WIDTH	MEASURED SHOULDER AREA	BP-2 1.75"	TACK	FOG SEAL	FULL DEPTH COLDMILL	REMOVAL OF CONCRETE WEARING SURFACE	REMARKS
			LF	LF	SF	1.930 TONS/CY	1.930 TONS/CY	SY	LF	SF	1.965 TONS/CY	GAL	GAL	3" OR LESS	WEARING SURFACE	
						TONS	TONS				TONS	0.10	0.20	SY	SY	
IS44W	277.867	278.290	2233.4	28.0		651.89			8.0		189.63	893.4	99.3	8933.6		
IS44W	278.290	278.300	52.8			0.00								0.0		BRIDGE A0542 APPROACH
IS44W	278.300	278.328	147.8			0.00								0.0		BRIDGE A0542 EXCEPTION
IS44W	278.328	278.338	52.8			0.00								0.0		BRIDGE A0542 APPROACH
IS44W	278.338	279.331	5243.0	28.0		1530.34			8.0		445.17	2097.2	233.0	20972.0		
IS44W	279.331	279.343	63.4			0.00								0.0		BRIDGE A0541 APPROACH
IS44W	279.343	279.362	100.3			0.00								0.0		BRIDGE A0541 EXCEPTION
IS44W	279.362	279.374	63.4			0.00								0.0		BRIDGE A0541 APPROACH
IS44W	279.374	279.623	1314.7	28.0		383.74			8.0		111.63	525.9	58.4	5258.8		
IS44W	279.623	279.825	1066.6	26.0		289.08					0.00			3081.3		CONCRETE AUX LANE
IS44W	279.825	279.905	422.4	28.0		123.29			8.0		35.86	169.0	18.8	1689.6		
IS44W	279.905	279.940	184.8	26.0		50.09					0.00			533.9		CONCRETE SHOULDER
IS44W	279.940	280.053	596.6	28.0		174.14			8.0		50.66	238.6	26.5	2386.4		
IS44W	280.053	280.834	4123.7	26.0		1117.66					0.00			11912.9		CONCRETE AUX LANE
IS44W	280.834	280.906	380.2	40.0		158.53			6.0		24.21	194.3	16.9	1943.2		
IS44W	280.906	280.958	274.6		16951.0	176.70				3297.0	34.99	225.0	12.2	2249.8		RAMP AREA
IS44W	280.958	281.176	1151.0	28.0		335.96			8.0		97.73	460.4	51.2	4604.0		
IS44W	281.176	281.198	116.2		5416.0	56.46				653.0	6.93	67.4	5.2	674.3		
IS44W	281.198	281.391	1019.0		41292.0	430.44				3200.0	33.96	494.4	45.3	4943.6		AREA BETWEEN RAMPS
IS44W	281.391	281.428	195.4		7769.0	80.99				873.0	9.27	96.0	8.7	960.2		RAMP AREA
IS44W	281.428	281.485	301.0	40.0		125.51			6.0		19.17	153.8	13.4	1538.4		3 LANE SECTION
IS44W	281.485	281.547	327.4		14772.0	153.99					0.00		14.6	1641.3		MERGE AREA
IS44W	281.547	283.383	9694.1	28.0		2829.54			8.0		823.10		430.8	38776.4		
IS44W	283.383	283.395	63.4			0.00								0.0		BRIDGE A0540 APPROACH
IS44W	283.395	283.427	169.0	37.0			83.81					69.5			6253.0	BRIDGE A0540 MILL/FILL
IS44W	283.427	283.439	63.4			0.00								0.0		BRIDGE A0540 APPROACH
IS44W	283.439	283.941	2650.6	28.0		773.66			8.0		225.06	1060.2	117.8	10602.4		
IS44W	283.941	284.040	522.7		21657.0	225.76					0.00			2406.3		
IS44W	284.040	284.072	169.0	40.0		70.47			4.0		7.17	82.6	7.5	826.2		3 LANE SECTION
IS44W	284.072	284.116	232.3		10890.0	113.52				277.0	2.94	124.1	10.3	1240.8		RAMP AREA
IS44W	284.116	284.237	638.9	28.0		186.48			8.0		54.25	255.6	28.4	2555.6		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
						0.00					0.00			0.0		
IS44W	265.132	284.237	100874.4			1432.88					1432.88					IRREGULARITIES - 75 TONS/MILE
IS44W	265.132	284.237	100874.4								135.21					SAFETY EDGE
					SUB TOTAL WB 2	11471.12	83.81	0.0			3739.82	7207.4	1198.3	129731.0	6253.0	

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ASPHALT, TACK, FOG SEAL, COLDMILLING

ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	SP095BSM 1.75" 1.930 TONS/CY	SP095BSM 2.25" 1.930 TONS/CY	UBAWS	AVG. SHOULDER WIDTH	MEASURED SHOULDER AREA	BP-2 1.75" 1.965 TONS/CY	TACK 0.10	FOG SEAL 0.20	FULL DEPTH COLDMILL 3" OR LESS	REMOVAL OF CONCRETE WEARING SURFACE	REMARKS
			LF	LF	SF	TONS	TONS	SY	LF	SF	TONS	GAL	GAL	SY	SF	
LP49N TO IS44E	0.065	0.076	58.1		2684.0	27.98					0.00	29.8		298.2		
LP49N TO IS44E	0.076	0.238	855.4	16.0		142.67			10.0		90.79	247.1		2471.2		
IS44E TO IS49S	0.045	0.154	575.5	16.0		95.99			10.0		61.08	166.3		1662.6		
MO249S TO IS44E	0.129	0.234	554.4	16.0		92.47			10.0		58.84	160.2		1601.6		
IS44E TO MO249N	0.031	0.141	580.8	16.0		96.87			10.0		61.64	167.8		1677.9		
IS49N TO IS44E	0.383	0.490	565.0	16.0		94.24			10.0		59.97	163.2		1632.2		
MO66E TO IS44E	0.463	0.475	63.4	16.0		10.57			10.0		6.73	18.3		183.2		
IS44E TO CRD 100	0.020	0.150	686.4	16.0		114.48			10.0		72.85	198.3		1982.9		
IS44E TO CRD 100	0.150	0.173	121.4		7324.0	76.35					0.00	81.4		813.8		
CRD 100 TO IS44E	0.002	0.024	116.2		7880.0	82.14					0.00	87.6		875.6		
CRD 100 TO IS44E	0.024	0.136	591.4	16.0		98.64			10.0		62.77	170.8		1708.5		
IS44E TO MO37	0.021	0.191	897.6	16.0		149.71			10.0		95.27	259.3		2593.1		
IS44E TO MO37	0.191	0.199	42.2		2615.0	27.26					0.00	29.1		290.6		
MO37 TO IS44E	0.000	0.009	47.5		3028.0	31.57					0.00	33.6		336.4		
MO37 TO IS44E	0.009	0.150	744.5	16.0		124.18			10.0		79.02	215.1		2150.8		
						0.00					0.00	0.0		0.0		
IS44W TO MO37	0.022	0.159	723.4	16.0		120.66			10.0		76.78	209.0		2089.8		
IS44W TO MO37	0.159	0.167	42.2		2577.0	26.86					0.00	28.6		286.3		
MO37 TO IS44W	0.004	0.014	52.8		3443.0	35.89					0.00	38.3		382.6		
MO37 TO IS44W	0.014	0.183	892.3	16.0		148.83			10.0		94.70	257.8		2577.8		
IS44W TO CRD 100	0.068	0.178	580.8	16.0		96.87			10.0		61.64	167.8		1677.9		
IS44W TO CRD 100	0.178	0.197	100.3		6671.0	69.54					0.00	74.1		741.2		
CRD 100 TO IS44W	0.003	0.022	100.3		7598.0	79.20					0.00	84.4		844.2		
CRD 100 TO IS44W	0.022	0.156	707.5	16.0		118.00			10.0		75.09	204.4		2043.9		
IS44W TO MO66	0.040	0.112	380.2	20.0		79.27			12.0		48.42	135.2		1351.8		
IS44W TO MO66	0.112	0.125	68.6	18.0		12.87			6.0		4.37	18.3		182.9		
IS44W TO NOR44E	0.121	0.135	73.9		3530.0	36.80					0.00	39.2		392.2		
IS44W TO MO66	0.125	0.141	84.5	20.0		17.62			12.0		10.76	30.0		300.4		
IS44W TO IS49S	0.037	0.146	575.5	26.0		155.98			12.0		73.30	243.0		2429.9		
IS49N TO IS44W	0.568	0.683	607.2	26.0		164.57					0.00	175.4		1754.1		
MO249S TO IS44W	0.025	0.166	744.5	22.0		170.74			8.0		63.21	248.2		2481.7		
IS44W TO LP49N	0.024	0.147	649.4	28.0		189.55					0.00	202.0		2020.4		
IS44W TO LP49N	0.147	0.188	216.5		8734.0	91.05					0.00	97.0		970.4		
IS44W TO LP49N	0.188	0.214	137.3	46.0		65.84					0.00	70.2		701.8		
IS44W TO LP49N	0.214	0.236	116.2		5880.0	61.30					0.00	65.3		653.3		
																IRREGULARITIES
ALL RAMPS			13353.2			189.68					189.68	189.7				75 TONS/MILE
ALL RAMPS			13353.2								35.80					SAFETY EDGE
					SUB TOTAL RAMPS	3196.24	0.00	0.0			1382.71	4605.8	0.0	44161.2	0.0	

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ASPHALT, TACK, FOG SEAL, COLDMILLING

SUBTOTALS	SP095BSM 1.75" 1.930 TONS/CY TONS	SP095BSM 2.25" 1.930 TONS/CY TONS	UBAWS SY	BP-2 1.75" 1.965 TONS/CY TONS	TACK 0.10 GAL	FOG SEAL 0.20 GAL	FULL DEPTH COLDMILL 3" OR LESS SY	REMOVAL OF CONCRETE WEARING SURFACE SF	REMARKS
SUB TOTAL EB 1	15295.71	157.63	0.0	3402.9	19996.4	2241.8	199136.2	11760.9	
SUB TOTAL EB 2	14965.81	300.06	0.0	5216.6	18502.0	1995.5	182531.9	22388.0	
SUB TOTAL WB 1	17676.20	306.32	12052.6	4901.1	24225.4	2569.7	241054.3	22854.9	
SUB TOTAL WB 2	11471.12	83.81	0.0	3739.8	7207.4	1198.3	129731.0	6253.0	
SUB TOTAL RAMPS	3196.24	0.00	0.0	1382.7	4605.8	0.0	44161.2	0.0	
TOTALS	62605.08	847.82	12052.6	18643.10	74537.0	8005.3	796614.6	63256.8	
USE	63452.9		12053	18643.1	74537	8005	796615	63257	

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SHEET 6 OF 11

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BITUMINOUS RUMBLE STRIP

ROUTE	LOG MILE	LOG MILE	LENGTH FT	LOCATION	SHOULDER STA	REMARKS
IS44 EB	8.921	8.987	348.5	RT	3.5	OFFSET 1'
IS44 EB	9.252	9.736	2555.5	RT	25.6	OFFSET 1'
IS44 EB	9.784	11.398	8521.9	RT	85.2	OFFSET 1'
IS44 EB	11.535	11.750	1135.2	RT	11.4	
IS44 EB	11.953	12.150	1040.2	RT	10.4	
IS44 EB	13.151	13.230	417.1	RT	4.2	
IS44 EB	13.266	13.379	596.6	RT	6.0	
IS44 EB	13.582	13.806	1182.7	RT	11.8	
IS44 EB	13.848	14.836	5216.6	RT	52.2	
IS44 EB	14.885	15.457	3020.2	RT	30.2	
IS44 EB	15.616	18.017	12677.3	RT	126.8	
IS44 EB	19.286	20.473	6267.4	RT	62.7	
IS44 EB	20.532	21.102	3009.6	RT	30.1	
IS44 EB	21.182	22.163	5179.7	RT	51.8	
IS44 EB	22.347	22.631	1499.5	RT	15.0	
IS44 EB	22.826	26.144	17519.0	RT	175.2	
IS44 EB	26.326	26.484	834.2	RT	8.3	
IS44 EB	26.527	26.654	670.6	RT	6.7	
IS44 EB	26.844	27.972	5955.8	RT	59.6	
IS44 EB	8.921	9.736	4303.2	LT	43.0	OFFSET 1'
IS44 EB	9.784	13.806	21236.2	LT	212.4	TRANSITION FROM 1' OFFSET BY LM 11.398
IS44 EB	13.384	14.836	7666.6	LT	76.7	
IS44 EB	14.885	18.145	17212.8	LT	172.1	
IS44 EB	18.817	20.474	8749.0	LT	87.5	
IS44 EB	20.532	21.103	3014.9	LT	30.1	
IS44 EB	21.182	27.971	35845.9	LT	358.5	
IS44 WB	265.132	266.314	6241.0	RT	62.4	
IS44 WB	266.511	266.837	1721.3	RT	17.2	
IS44 WB	267.041	270.368	17566.6	RT	175.7	
IS44 WB	270.538	270.820	1489.0	RT	14.9	
IS44 WB	271.003	271.994	5232.5	RT	52.3	
IS44 WB	272.074	272.634	2956.8	RT	29.6	
IS44 WB	272.692	274.145	7671.8	RT	76.7	
IS44 WB	275.561	277.184	8569.4	RT	85.7	
IS44 WB	277.355	278.290	4936.8	RT	49.4	
IS44 WB	278.338	279.331	5243.0	RT	52.4	
IS44 WB	279.373	279.623	1320.0	RT	13.2	
IS44 WB	279.825	279.905	422.4	RT	4.2	
IS44 WB	279.940	280.053	596.6	RT	6.0	
IS44 WB	280.958	281.176	1151.0	RT	11.5	
IS44 WB	281.325	281.391	348.5	RT	3.5	
IS44 WB	281.547	283.383	9694.1	RT	96.9	OFFSET 1'
IS44 WB	283.439	283.941	2650.6	RT	26.5	OFFSET 1'
IS44 WB	284.116	284.237	638.9	RT	6.4	OFFSET 1'
IS44 WB	265.132	271.994	36231.4	LT	362.3	
IS44 WB	272.074	272.633	2951.5	LT	29.5	
IS44 WB	272.692	274.286	8416.3	LT	84.2	
IS44 WB	275.095	278.290	16869.6	LT	168.7	
IS44 WB	278.338	279.331	5243.0	LT	52.4	
IS44 WB	279.373	283.384	21178.1	LT	211.8	TRANSITION TO 1' OFFSET AT LM 281.547
IS44 WB	283.439	284.237	4213.4	LT	42.1	OFFSET 1'
			-			
				TOTAL	3492.5	
				USE	3492.5	

SLAB JACKING MATERIAL HIGH DENSITY POLYURETHANE

ROUTE	LOG MILE	LOG MILE	LOCATION BR #	SLAB JACKING (LB)	REMARKS
IS44E	26.516	26.521	A0862 EB	1800	EAST SIDE APPROACH SLAB (1/2")
IS44W	266.669	266.673	A0862 WB	1800	WEST SIDE APPROACH SLAB (1/2")
IS44W	272.644	272.639	A0543 WB	2700	EAST SIDE APPROACH SLAB (3/4")
			TOTAL	6300.0	1200 LB PER LANE PER INCH PER
			USE	6300	APPROACH (1/4" SETTLEMENT)

LIGHTING

ROUTE	LOG MILE	LUMINAIRE, LED-B EA	REMARKS
IS44E	9.174	1	
IS44E	11.495	1	
IS44E	11.776	1	
IS44E	11.936	1	
IS44E	13.059	1	
IS44E	13.519	1	
IS44E	15.579	1	
IS44E	22.319	1	
IS44E	22.779	1	
IS44E	26.301	1	
IS44E	26.802	1	
IS44W	266.480	1	
IS44W	266.983	1	
IS44W	270.523	1	
IS44W	270.965	1	
IS44W	277.346	1	
IS44W	279.745	1	
IS44W	280.105	1	
IS44W	280.945	1	
IS44W	281.423	1	
IS44W	9.054	1	
	TOTAL	21	
	USE	21	

GUARDRAIL

ROUTE	BEGIN LOG MILE	END LOG MILE	LOCATION	MGS GUARDRAIL FT	MGS GUARDRAIL 6 FT. POSTS 3FT. - 1.5 IN. SPACING FT	MASH CRASHWORTHY END TERMINAL EA	MGS END ANCHOR EA	SHAPING SLOPES CLASS III 100FT	REMARKS
IS44E	12.296	12.326	RT	112.5		1	1		
IS44E	12.645	12.702	RT	250.0		1	1		
IS44E	13.023	13.051	RT	100.0		1	1		
IS44W	280.110	280.138	RT	100.0		1	1		
IS44W	280.365	280.479	RT	550.0		1	1		
37	24.837	24.898	RT	137.5	150	1	1	3.5	WEST SIDE
			TOTAL	1250.0	150	6	6	3.5	ALL GUARDRAIL LENGTH IS ROUNDED
			USE	1250	150	6	6	4	UP TO THE NEAREST 12.5'

SUMMARY OF QUANTITIES
SHEET 7 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 6:20:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY NEWTON/JASPER
JOB NO. JSR0128
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									
				WATERBORNE PAINT, CLASS 2 BEADS				THERMOPLASTIC	
ROUTE	BEGIN LOG	END LOG	LOCATION	6" INT WHITE	6" SOLID WHITE	6" SOLID YELLOW	12" SOLID WHITE	LEFT/RIGHT ARROW	REMARKS
				LF	LF	LF	LF	EA	
IS44E	8.921	18.145	LT			48700.0			
IS44E	18.817	27.971	LT			48330.0			
IS44E	8.921	18.145	CL	12180.0					10 STRIPE, 30' SKIP
IS44E	18.817	27.971	CL	12080.0					10 STRIPE, 30' SKIP
IS44E	8.921	8.987	RT		350.0				
IS44E	8.987	9.031	RT				462.0		GORE AREA
IS44E	8.987	9.031	RT		230.0				
IS44E	9.031	9.104	RT	100.0					3' STRIPE 9' SKIP
IS44E	9.031	9.104	RT		390.0				
IS44E	9.104	11.436	RT		12310.0				
IS44E	11.436	11.486	RT		260.0				
IS44E	11.436	11.502	RT	90.0					3' STRIPE 9' SKIP
IS44E	11.486	11.535	RT		260.0				
IS44E	11.502	11.560	RT				500.0		GORE AREA
IS44E	11.560	11.750	RT		1000.0				
IS44E	11.750	11.769	RT				185.0		GORE AREA
IS44E	11.750	11.769	RT		100.0				
IS44E	11.769	11.928	RT	210.0					3' STRIPE 9' SKIP
IS44E	11.769	11.928	RT		840.0				
IS44E	11.928	11.953	RT				293.0		GORE AREA
IS44E	11.928	11.953	RT		130.0				
IS44E	11.953	12.150	RT		1040.0				
IS44E	12.150	12.179	RT				325.0		GORE AREA
IS44E	12.150	12.190	RT		210.0				
IS44E	12.179	13.052	RT	1150.0					3' STRIPE 9' SKIP
IS44E	12.190	13.052	RT		4550.0				
IS44E	13.052	13.109	RT				560.0		GORE AREA
IS44E	13.052	13.101	RT		260.0				
IS44E	13.109	13.379	RT		1430.0				
IS44E	13.379	13.412	RT				350.0		GORE AREA
IS44E	13.379	13.412	RT		170.0				
IS44E	13.412	13.582	RT	220.0					3' STRIPE 9' SKIP
IS44E	13.412	13.582	RT		900.0				
IS44E	13.582	15.457	RT		9900.0				
IS44E	15.457	15.492	RT				375.0		GORE AREA
IS44E	15.457	15.492	RT		180.0				
IS44E	15.492	15.616	RT	160.0					3' STRIPE 9' SKIP
IS44E	15.492	15.616	RT		650.0				
IS44E	15.616	18.145	RT		13350.0				
IS44E	18.817	22.163	RT		17670.0				
IS44E	22.163	22.290	RT		670.0				
IS44E	22.163	22.303	RT	180.0					3' STRIPE 9' SKIP
IS44E	22.290	22.347	RT		300.0				
IS44E	22.303	22.347	RT				460.0		GORE AREA
IS44E	22.347	22.631	RT		1500.0				
IS44E	22.631	22.686	RT				585.0		GORE AREA
IS44E	22.631	22.686	RT		290.0				
IS44E	22.686	22.826	RT	180.0					3' STRIPE 9' SKIP
IS44E	22.686	22.826	RT		740.0				
IS44E	22.826	26.198	RT		17800.0				
IS44E	26.198	26.267	RT		360.0				
IS44E	26.198	26.289	RT	120.0					3' STRIPE 9' SKIP
IS44E	26.267	26.326	RT		310.0				
IS44E	26.289	26.326	RT				380.0		GORE AREA
IS44E	26.326	26.654	RT		1730.0				
IS44E	26.654	26.711	RT				585.0		GORE AREA
IS44E	26.654	26.711	RT		300.0				
IS44E	26.711	26.768	RT	80.0					3' STRIPE 9' SKIP
IS44E	26.711	26.768	RT		300.0				
IS44E	26.768	27.971	RT		6350.0				
			SUB TOTAL EB1	26750	96830	97030	5060	0	

SUMMARY OF QUANTITIES
SHEET 8 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 6:20:34 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

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									
				WATERBORNE PAINT, CLASS 2 BEADS				THERMOPLASTIC	
ROUTE	BEGIN LOG	END LOG	LOCATION	6" INT WHITE	6" SOLID WHITE	6" SOLID YELLOW	12" SOLID WHITE	LEFT/RIGHT ARROW	REMARKS
				LF	LF	LF	LF	EA	
IS44W	265.132	274.286	LT			48330.0			
IS44W	275.095	284.237	LT			48270.0			
IS44W	265.132	274.286	CL	12080.0					10 STRIPE, 30' SKIP
IS44W	275.095	284.237	CL	12070.0					10 STRIPE, 30' SKIP
IS44W	265.132	266.454	RT		6980.0				
IS44W	266.382	266.477	RT	130.0					3' STRIPE 9' SKIP
IS44W	266.454	266.511	RT		300.0				
IS44W	266.454	266.511	RT				375.0		GORE AREA
IS44W	266.511	266.837	RT		1720.0				
IS44W	266.837	266.879	RT				450.0		GORE AREA
IS44W	266.837	266.901	RT		340.0				
IS44W	266.879	266.957	RT	100.0					3' STRIPE 9' SKIP
IS44W	266.901	270.368	RT		18310.0				
IS44W	270.368	270.495	RT		670.0				
IS44W	270.368	270.501	RT	180.0					3' STRIPE 9' SKIP
IS44W	270.495	270.538	RT		230.0				
IS44W	270.507	270.538	RT				410.0		GORE AREA
IS44W	270.538	270.820	RT		1490.0				
IS44W	270.820	270.872	RT				550.0		GORE AREA
IS44W	270.820	270.884	RT		340.0				
IS44W	270.872	271.003	RT	170.0					3' STRIPE 9' SKIP
IS44W	270.884	274.145	RT		17220.0				
IS44W	275.561	277.184	RT		8570.0				
IS44W	277.184	277.322	RT	180.0					3' STRIPE 9' SKIP
IS44W	277.184	277.308	RT		650.0				
IS44W	277.308	277.355	RT		250.0				
IS44W	277.319	277.355	RT				350.0		GORE AREA
IS44W	277.355	279.623	RT		11980.0				
IS44W	279.623	279.742	RT	160.0					3' STRIPE 9' SKIP
IS44W	279.623	279.779	RT		820.0				
IS44W	279.742	279.779	RT				400.0		GORE AREA
IS44W	279.779	280.053	RT		1450.0				
IS44W	280.053	280.093	RT				420.0		GORE AREA
IS44W	280.053	280.906	RT		4500.0				
IS44W	280.093	280.906	RT	1070.0					3' STRIPE 9' SKIP
IS44W	280.906	280.958	RT		270.0				
IS44W	280.906	280.958	RT				650.0		GORE AREA
IS44W	280.958	281.176	RT		1150.0				
IS44W	281.176	281.198	RT				230.0		GORE AREA
IS44W	281.176	281.198	RT		120.0				
IS44W	281.198	281.269	RT	90.0					3' STRIPE 9' SKIP
IS44W	281.198	281.391	RT		1020.0				
IS44W	281.391	281.413	RT				260.0		GORE AREA
IS44W	281.391	281.428	RT		200.0				
IS44W	281.413	281.484	RT	90.0					3' STRIPE 9' SKIP
IS44W	281.428	281.547	RT		630.0				
IS44W	281.547	284.040	RT		13160.0				
IS44W	284.040	284.072	RT	40.0					3' STRIPE 9' SKIP
IS44W	284.040	284.116	RT		400.0				
IS44W	284.072	284.116	RT				375.0		GORE AREA
IS44W	284.116	284.237	RT		640.0				
			SUB TOTAL WB1	26360	93410	96600	4470	0	

SUMMARY OF QUANTITIES
SHEET 9 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 6:20:28 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY NEWTON / JASPER
JOB NO. JSR0128
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	BEGIN LOG	END LOG	LOCATION	WATERBORNE PAINT, CLASS 2 BEADS				THERMOPLASTIC	REMARKS
				6" INT WHITE	6" SOLID WHITE	6" SOLID YELLOW	12" SOLID WHITE	LEFT/RIGHT ARROW	
				LF	LF	LF	LF	EA	
LP49N TO IS44E	0.065	0.238	RT/LT		910.0	910.0			
IS44E TO IS49S	0.045	0.154	RT/LT		580.0	580.0			
MO249S TO IS44E	0.129	0.234	RT/LT		550.0	550.0			
IS44E TO MO249N	0.031	0.141	RT/LT		580.0	580.0			
IS49N TO IS44E	0.383	0.490	RT/LT		560.0	560.0			
MO66E TO IS44E	0.463	0.475	RT/LT		60.0	60.0			
IS44E TO CRD 100	0.020	0.173	RT/LT		810.0	810.0			
CRD 100 TO IS44E	0.002	0.136	RT/LT		710.0	710.0			
IS44E TO MO37	0.021	0.199	RT/LT		940.0	940.0			
MO37 TO IS44E	0.000	0.150	RT/LT		790.0	790.0			
IS44W TO MO37	0.022	0.167	RT/LT		770.0	770.0			
MO37 TO IS44W	0.004	0.183	RT/LT		950.0	950.0			
IS44W TO CRD 100	0.068	0.197	RT/LT		680.0	680.0			
CRD 100 TO IS44W	0.003	0.156	RT/LT		810.0	810.0			
IS44W TO MO66	0.040	0.141	RT/LT		530.0	530.0			
IS44W TO NOR44E	0.121	0.135	RT/LT		70.0	70.0			
IS44W TO IS49S	0.037	0.146	RT/LT		580.0	580.0			
IS49N TO IS44W	0.568	0.683	RT/LT		610.0	610.0			
MO249S TO IS44W	0.025	0.166	RT/LT		740.0	740.0			
IS44W TO LP49N	0.024	0.161	RT/LT		720.0	720.0			
IS44W TO LP49N	0.161	0.188	RT/LT		280.0	140.0			
IS44W TO LP49N	0.188	0.236	RT/LT		750.0	250.0			
IS44W TO LP49N	0.161		RT/LT					2	
IS44W TO LP49N	0.190		RT/LT					3	
SUB TOTAL RAMPS				0	13980	13340	0	5	

PAVEMENT MARKING						
SUBTOTALS	WATERBORNE PAINT, CLASS 2 BEADS				THERMOPLASTIC	REMARKS
	6" INT WHITE	6" SOLID WHITE	6" SOLID YELLOW	12" SOLID WHITE	LEFT/RIGHT ARROW	
	LF	LF	LF	LF	EA	
SUB TOTAL EB1	26750.0	96830.0	97030.0	5060.0	0	
SUB TOTAL WB1	26360.0	93410.0	96600.0	4470.0	0	
SUB TOTAL RAMPS	0.0	13980.0	13340.0	0.0	5	
TOTAL	53110.0	204220.0	206970.0	9530.0	5	
USE	257330		206970	9530	5	

PAVEMENT MARKING REMOVAL				
ROUTE	BEGIN LOG MILE	END LOG MILE	PAVEMENT MARKING REMOVAL LF	REMARKS
IS44E	12.278	13.151	9218.9	EXISTING CONCRETE PAVEMENT
IS44E	13.230	13.266	190.1	EXISTING CONCRETE PAVEMENT
IS44E	13.379	13.582	2143.7	EXISTING CONCRETE PAVEMENT
IS44E	13.814	13.836	116.2	A0541E
IS44E	13.814	13.836	29.0	A0541E
IS44E	13.814	13.836	116.2	A0541E
IS44W	279.343	279.362	100.3	A0541W
IS44W	279.343	279.362	25.1	A0541W
IS44W	279.343	279.362	100.3	A0541W
IS44W	279.623	279.825	2133.1	EXISTING CONCRETE PAVEMENT
IS44W	279.905	279.940	184.8	EXISTING CONCRETE PAVEMENT
IS44W	280.053	280.834	8247.4	EXISTING CONCRETE PAVEMENT
TOTAL			22605	
USE			22605	

SUMMARY OF QUANTITIES

SHEET 10 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 6:20:23 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE I-44 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY
NEWTON / JASPER

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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	2	32.00				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	2	32.00				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	2	32.00				MERGE (SYMBOL FROM RIGHT)
WO4-2L	48X48	16.00	4	64.00				LANE ENDS (LEFT)
WO4-2R	48X48	16.00	4	64.00				LANE ENDS (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	4	20.00				NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00	2	32.00				BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	12	192.00				UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00	2	32.00				SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00	2	32.00				SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00	2	10.00				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	4	64.00				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00	4	64.00				ROAD/BRIDGE/RAMP CLOSED AHEAD
WO20-4	48X48	16.00	2	32.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	4	64.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00	4	64.00				2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	4	64.00				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	2	32.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00	4	64.00				SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00	2	24.00				GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00	6	72.00				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	4	24.00				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	2	13.86				YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	8	96.00				SPEED LIMIT 60/70
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	8	96.00				DO NOT PASS
R4-2	36X48	12.00	4	48.00				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	4	80.00				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	5	60.00				WORK ZONE NO PHONE ZONE
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	
	1768	

616-10.10 RELOCATED SIGNS	TOTAL

EFFECTIVE: 07-01-2025

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001	1	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	500	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033	20	DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055	20	SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095	2	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
6169901	1	WORK ZONE INTELLIGENT TRANSPORTATION 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
10/06/2026 6:27:56 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/24/2026

ROUTE	STATE
I-44	MO

DISTRICT	SHEET NO.
SW	3

COUNTY: NEWTON / JASPER

JOB NO.: JSR0128

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 11 OF 11

BEGIN PROJECT



NOTES:

*MILL AND FILL 1.75" SP095BSM (PG 76-22) LANES
MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS
IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT

BEGIN PROJECT AT THE CONCRETE/ASPHALT JOINT
APPROX. 580 FT EAST OF LOOP 49 (RANGE LINE RD.)

ALL STATIONS AND/OR LOCATIONS SHOWN ON PLANS ARE
APPROXIMATE AND CAN VARY AS APPROVED BY ENGINEER

NOT TO SCALE

SPECIAL SHEETS
1 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/11/2026 2:12:34 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/11/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

CONTRACT ID.

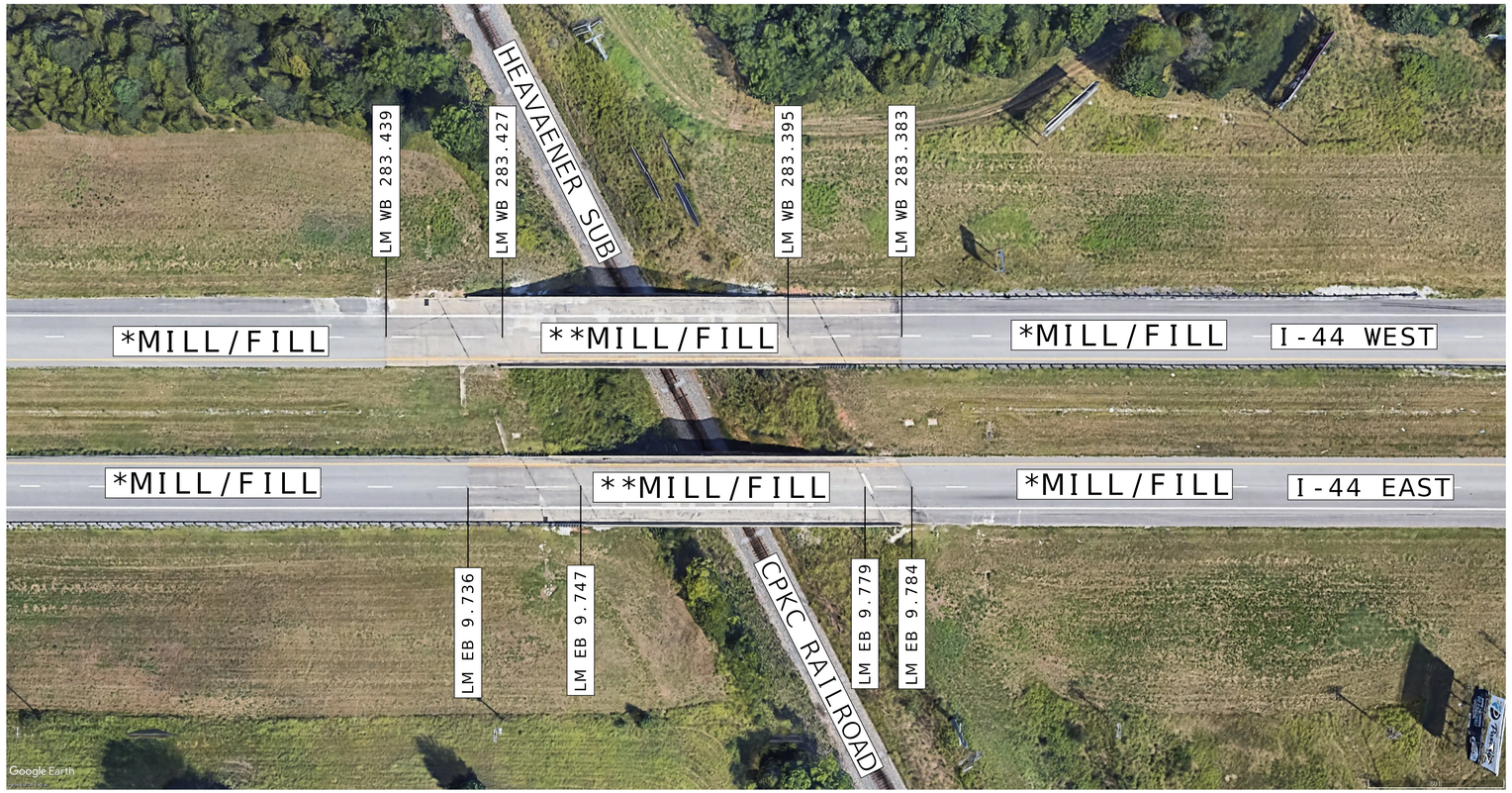
PROJECT NO.

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 A0540 EAST AND WEST I-44 PROJECT



NOTES:

*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

**MILL OFF EXISTING 2.25" LOW SLUMP CONCRETE OVERLAY AND REPLACE WITH 2.25" SP095BSM (PG76-22)

EXCEPT THE APPROACH SLABS AND APPROACH PAVEMENTS

NOT TO SCALE

SPECIAL SHEETS
2 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:32:58 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/7/2026
ROUTE: I-44 | STATE: MO
DISTRICT: SW | SHEET NO.: 5
COUNTY: NEWTON / JASPER
JOB NO.: JSR0128
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)

MO249 AND I-49 ON/OFF RAMPS



NOTES:

*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

NOT TO SCALE

SPECIAL SHEETS
3 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:33:04 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
NEWTON/JASPER

JOB NO.
JSR0128

CONTRACT ID.

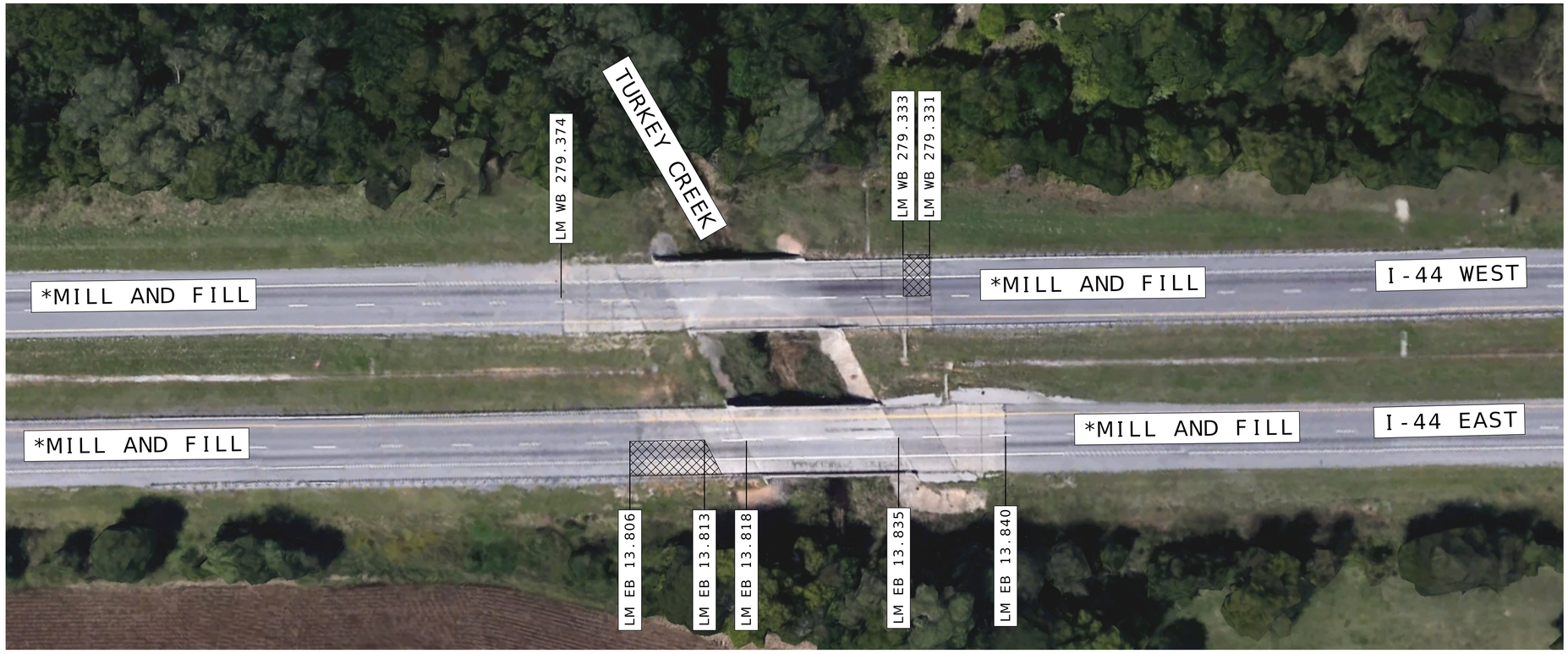
PROJECT NO.

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 A0541 EAST AND WEST I-44 PROJECT



NOTES:

*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

A0541 REPLACE 27 LF CONCRETE APPROACH PAVEMENT WEST OF BRIDGE IN RIGHT LANE ON EB
A0541 REPLACE 8 LF CONCRETE APPROACH PAVEMENT EAST OF BRIDGE IN RIGHT LANE ON WB
EXCEPT BRIDGE DECKS, APPORACH SLABS, AND APPROACH PAVEMENTS EXCEPT AS NOTED ABOVE

NOT TO SCALE

SPECIAL SHEETS
4 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/11/2026 2:12:46 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/11/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

CONTRACT ID.

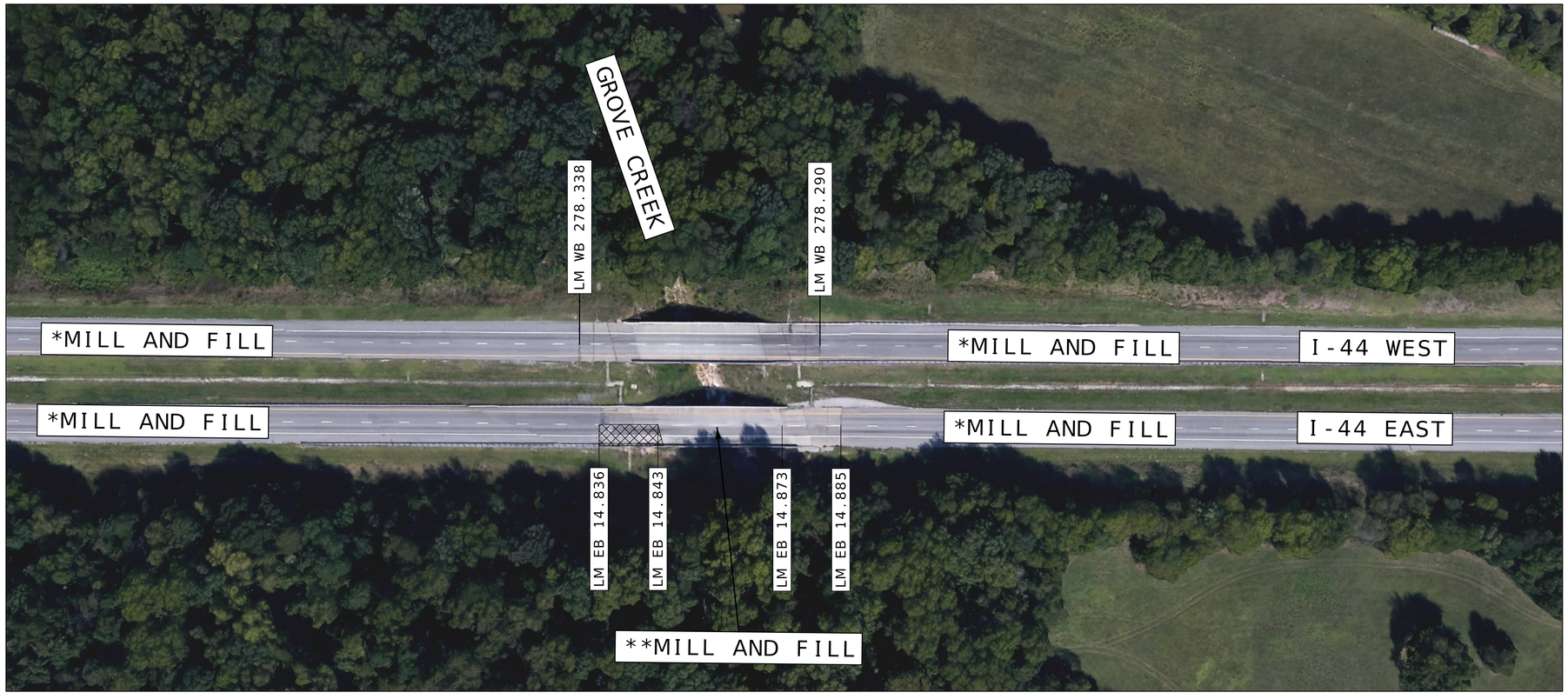
PROJECT NO.

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 A0542 EAST I-44 PROJECT



NOTES:

*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
MILL AND FULL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

**MILL OFF EXISTING 2.25" LOW SLUMP CONCRETE OVERLAY AND REPLACE WITH 2.25" SP095BSM (PG76-22)

A0542 REPLACE 35 LF CONCRETE APPROACH PAVEMENT WEST OF BRIDGE IN RIGHT LANE ON EB
EXCEPT BRIDGE DECKS, APPROACH SLABS, AND APPROACH PAVEMENTS EXCEPT AS NOTED ABOVE

NOT TO SCALE

SPECIAL SHEETS
5 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:33:16 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO

DISTRICT	SHEET NO.
SW	8

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

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)

LP44 ON/OFF RAMPS



EB NOTES:

*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

WB NOTES:

*MILL AND FILL 0.75" UBAWS TYPE C LANES
MILL AND FILL 1.75" SP095BSM (PG76-22) DECEL LANE
MILL AND FILL 1.75" BP-2 (PG64-22) SHOULDERS

NOT TO SCALE

SPECIAL SHEETS
6 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/11/2026 2:12:46 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/11/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
NEWTON/JASPER

JOB NO.
JSR0128

CONTRACT ID.

PROJECT NO.

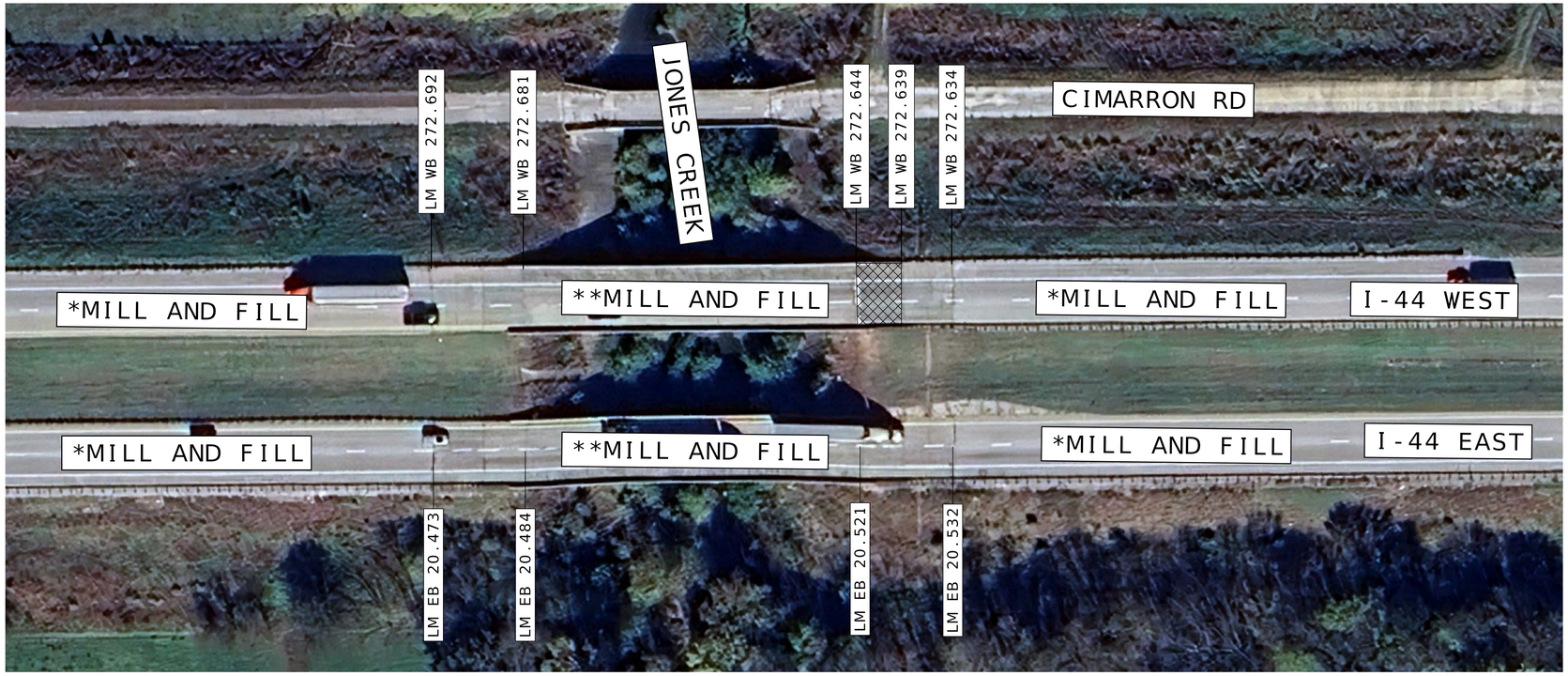
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BRIDGE A0543 I-44 PROJECT



NOTES:
*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

**MILL OFF EXISTING 2.25" LOW SLUMP CONCRETE OVERLAY AND REPLACE WITH SP095BSM (PG76-22)

URETHANE LIFT EAST APPROACH SLAB 0.75" ON WB
EXCEPT BRIDGE DECKS, APPROACH SLABS, AND APPROACH PAVEMENTS EXCEPT AS NOTED ABOVE

NOT TO SCALE

SPECIAL SHEETS
7 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/11/2026 2:12:59 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/11/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

CONTRACT ID.

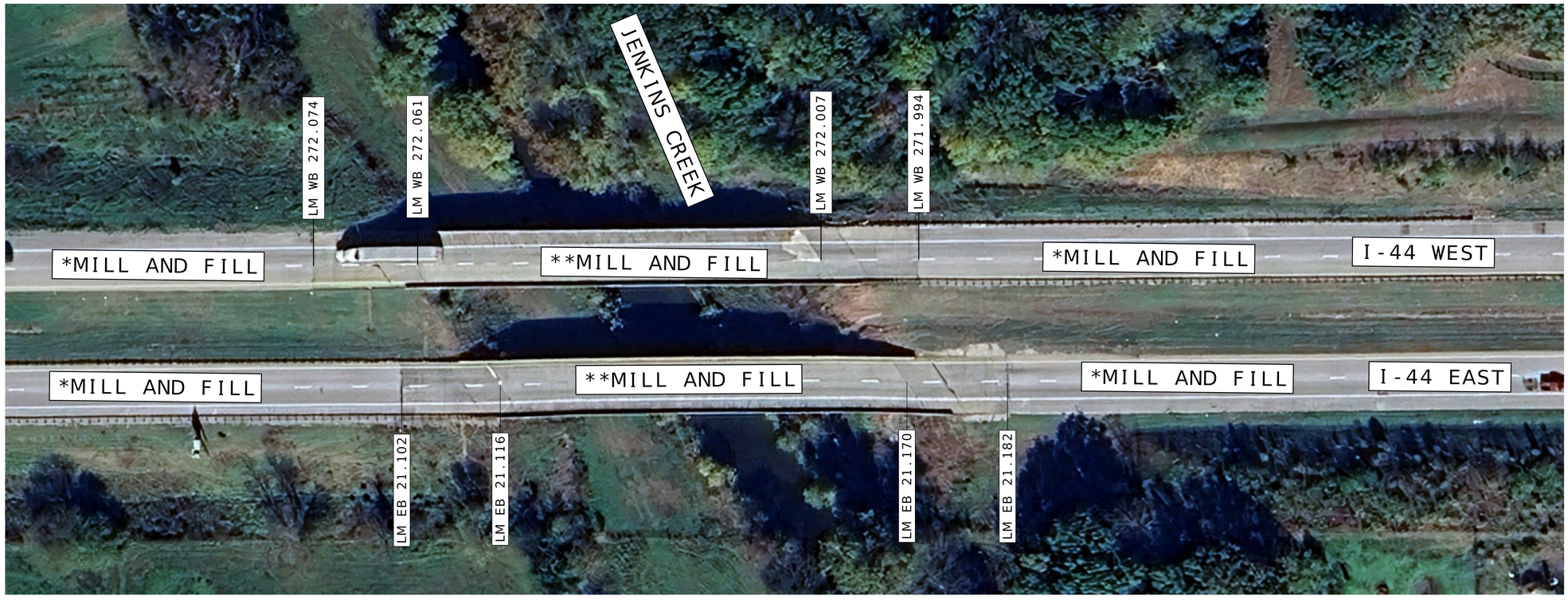
PROJECT NO.

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 A0544 I-44 PROJECT



NOTES:

*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

**NOTES: MILL OFF EXISTING 2.25" LOW SLUMP CONCRETE OVERLAY AND REPLACE WITH SP095BSM (PG76-22)

EXCEPT THE APPROACH SLABS AND APPROACH PAVEMENTS

NOT TO SCALE

SPECIAL SHEETS
8 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:33:11 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

CONTRACT ID.

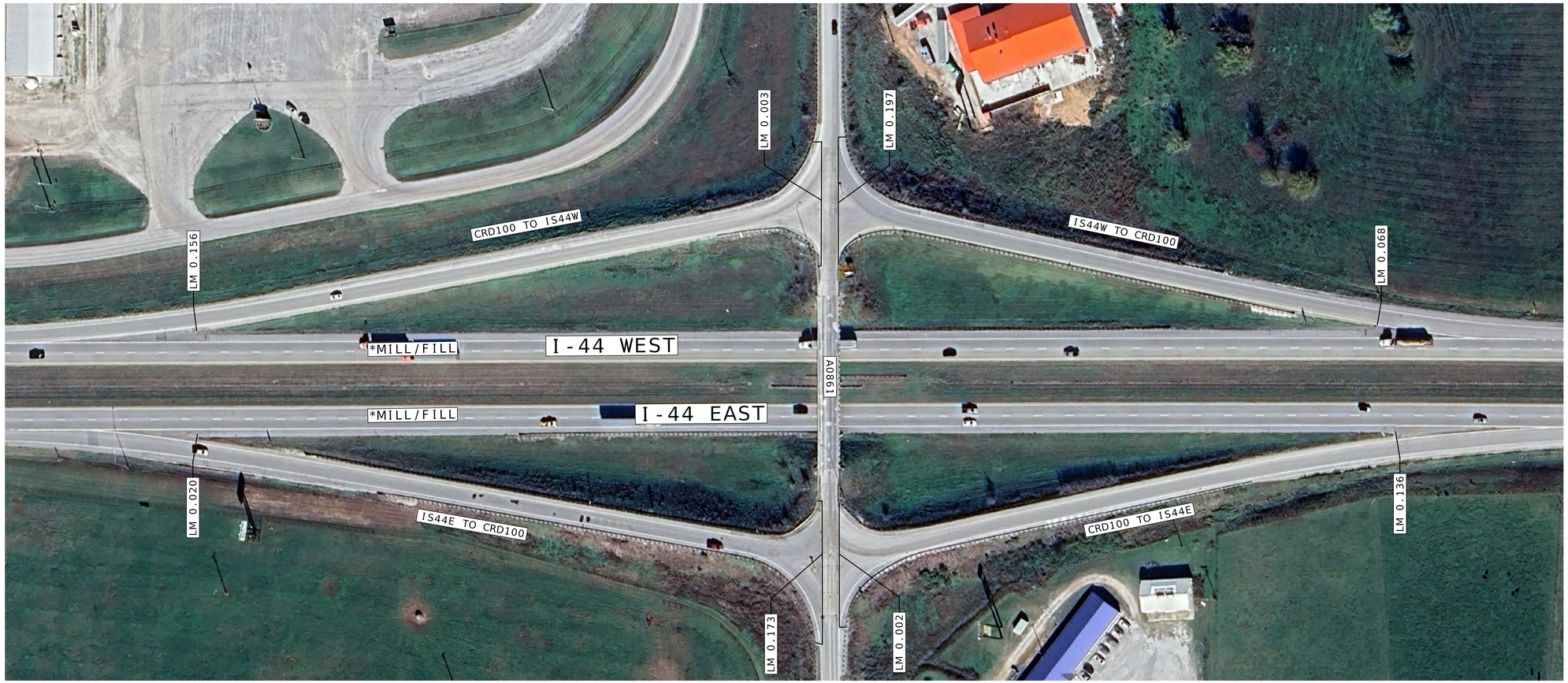
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

COUNTRY ROAD 100 ON/OFF RAMPS



NOTES:

*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

NOT TO SCALE

SPECIAL SHEETS
9 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/11/2026 2:13:03 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/11/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
NEWTON/JASPER

JOB NO.
JSR0128

CONTRACT ID.

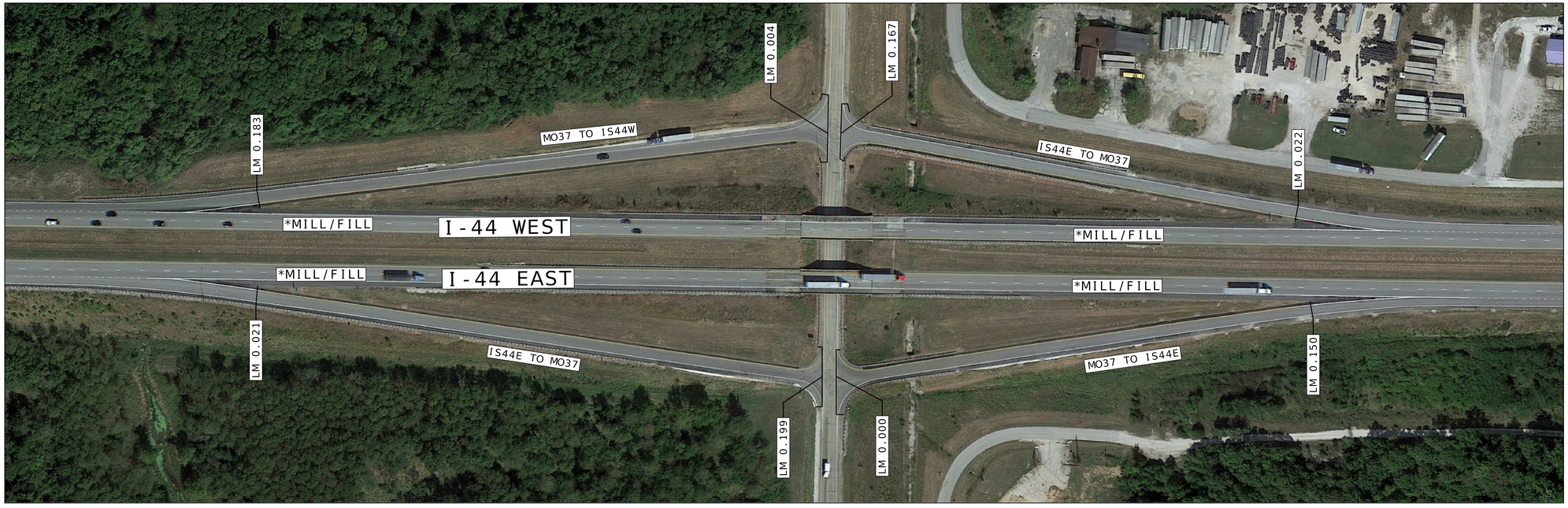
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

MO 37 ON/OFF RAMPS



NOTES:

*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

NOT TO SCALE

SPECIAL SHEETS
10 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/11/2026 2:13:09 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/11/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
NEWTON/JASPER

JOB NO.
JSR0128

CONTRACT ID.

PROJECT NO.

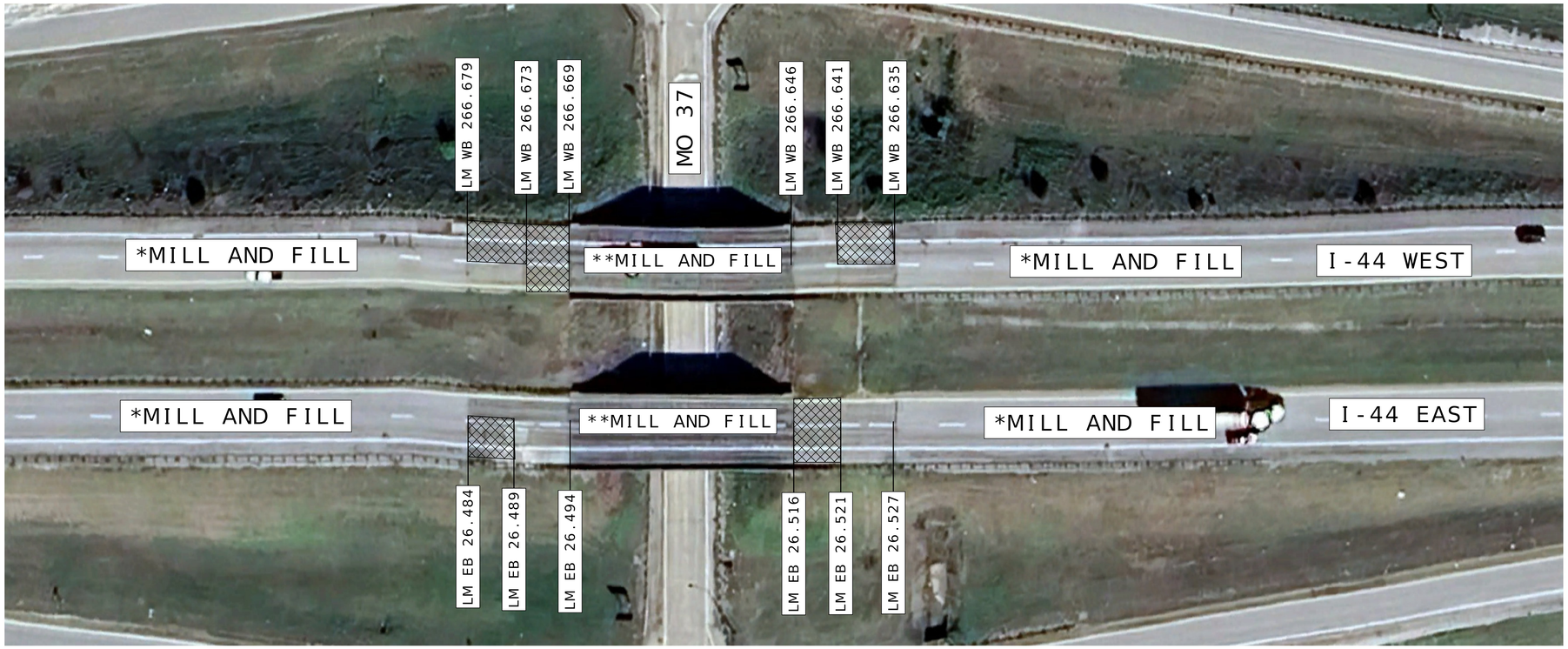
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BRIDGE A0862 EAST AND WEST I-44 PROJECT



NOTES:

*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDERS
FOG SEAL INSIDE SHOULDERS

**MILL OFF EXISTING 2.25" LOW SLUMP CONCRETE OVERLAY AND REPLACE WITH SP095BSM (PG76-22).

URATHANE LIFT EAST APPROACH SLAB 0.5" ON EB
URATHANE LIFT WEST APPROACH SLAB 0.5" ON WB

REPLACE 27 LF CONCRETE APPROACH PAVEMENT EAST OF BRIDGE IN RIGHT LANE
REPLACE 80 LF CONCRETE APPROACH PAVEMENT WEST OF BRIDGE IN RIGHT LANE ON WB

EXCEPT APPROACH SLABS AND APPROACH PAVEMENTS EXCEPT AS NOTED ABOVE A0862 EB AND WB

NOT TO SCALE

SPECIAL SHEETS
11 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/11/2026 2:13:11 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/11/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

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



NOTES:

*MILL AND FILL 1.75" SP095BSM (PG76-22) LANES
 MILL AND FILL 1.75" BP-2 (PG64-22) OUTSIDE SHOULDES
 FOG SEAL INSIDE SHOULDERS

END PROJECT EB AT THE ASPHALT JOINT APPROX. 7,745 FEET EAST OF ROUTE 37
END PROJECT WB AT THE ASPHALT JOINT APPROX. 8,050 FEET EAST OF ROUTE 37

NOT TO SCALE

SPECIAL SHEETS
12 OF 12

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:33:29 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

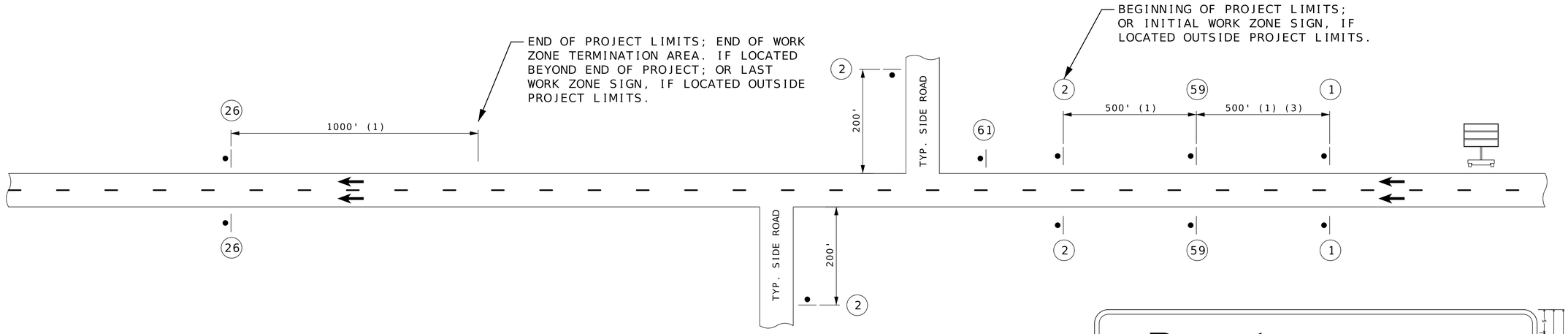
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GENERAL NOTES:

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.



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

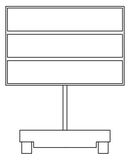
(2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.

(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.

TYPICAL BEGINNING AND END OF PROJECT

(DIVIDED HIGHWAY)

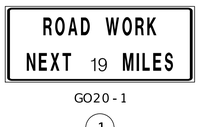


(4)



CONST-8

59 (3)



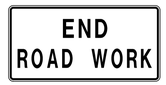
GO20-1

1



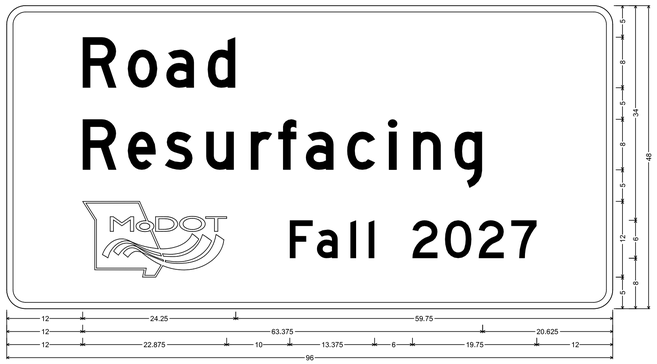
WO20-1

2



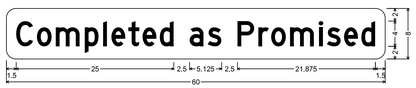
GO20-2

26



CONST-5 SH-FLAT SHEET;
3.000" Radius, 1.000" Border, White on, Green;
"Road", D; "Resurfacing", D; "Fall 2027", D;
Table of letter and object lefts

R	o	a	d								
12.000	19.125	25.250	31.875								
R	e	s	u	r	f	a	c	i	n	g	
12.000	19.125	25.000	31.625	38.625	43.000	47.375	53.875	60.500	64.375	70.875	
F	r	a									
12.000	44.875	49.125	54.500	57.375	64.250	69.375	74.750	79.875			



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

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

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:39:56 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	16

COUNTY: NEWTON/JASPER

JOB NO.: JSR0128

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)

DOUBLE LANE CLOSURE ON A FREEWAY

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 ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.

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



WO20-1

(2)



WO20-5a

(5A)





WO20-6a

(6)

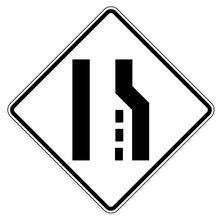


GO20-5aP



R2-1

(54)
(4)



WO4-2R

(6A)



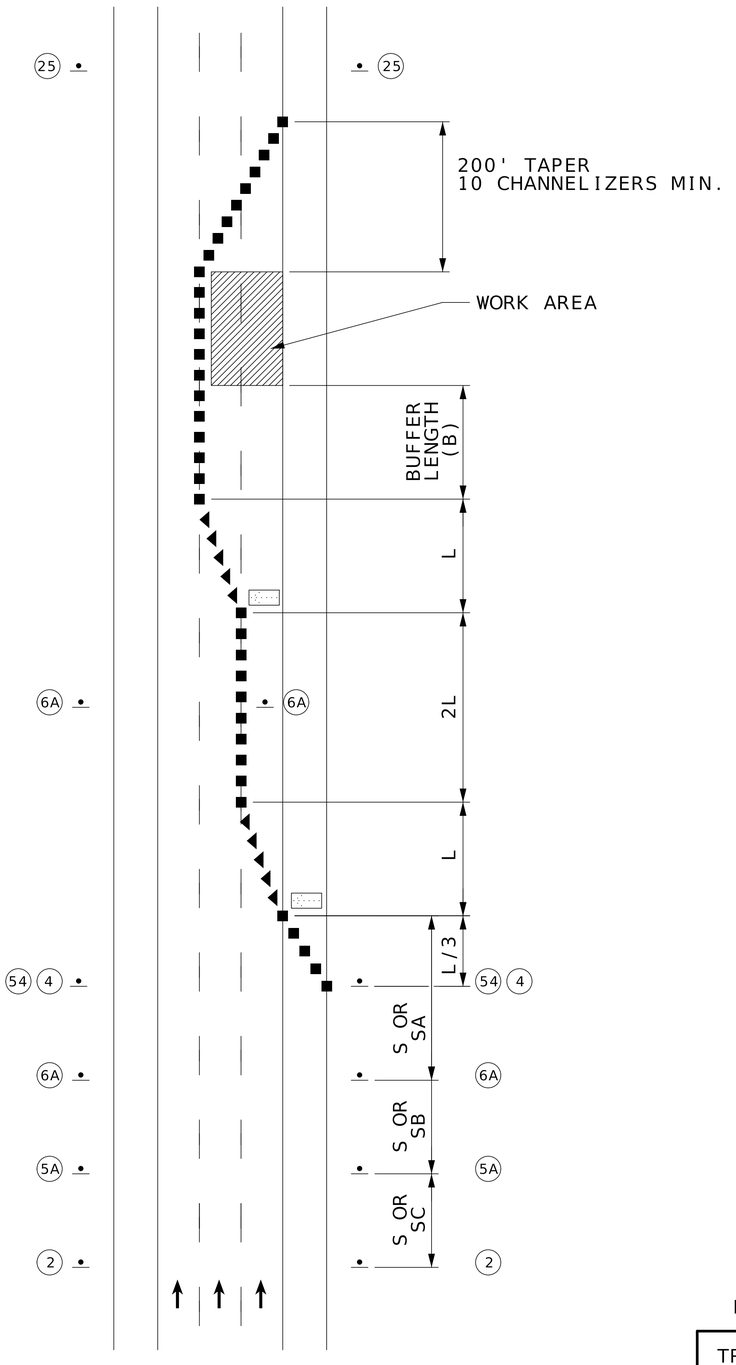
R2-1

(25)

(NORMAL SPEED)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- DIRECTIONAL INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHTS
- FLASHING ARROW PANEL



NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:40:09 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

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)

INTERIOR LANE CLOSURE ON A FREEWAY

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) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.



WO20-1

(2)



WO20-5

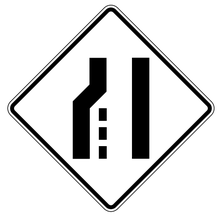
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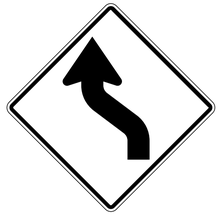
WO20-6a

(6)



WO4-2L

(31)



WO1-4L

(15)

GO20-5aP



R2-1

(54)
(4)



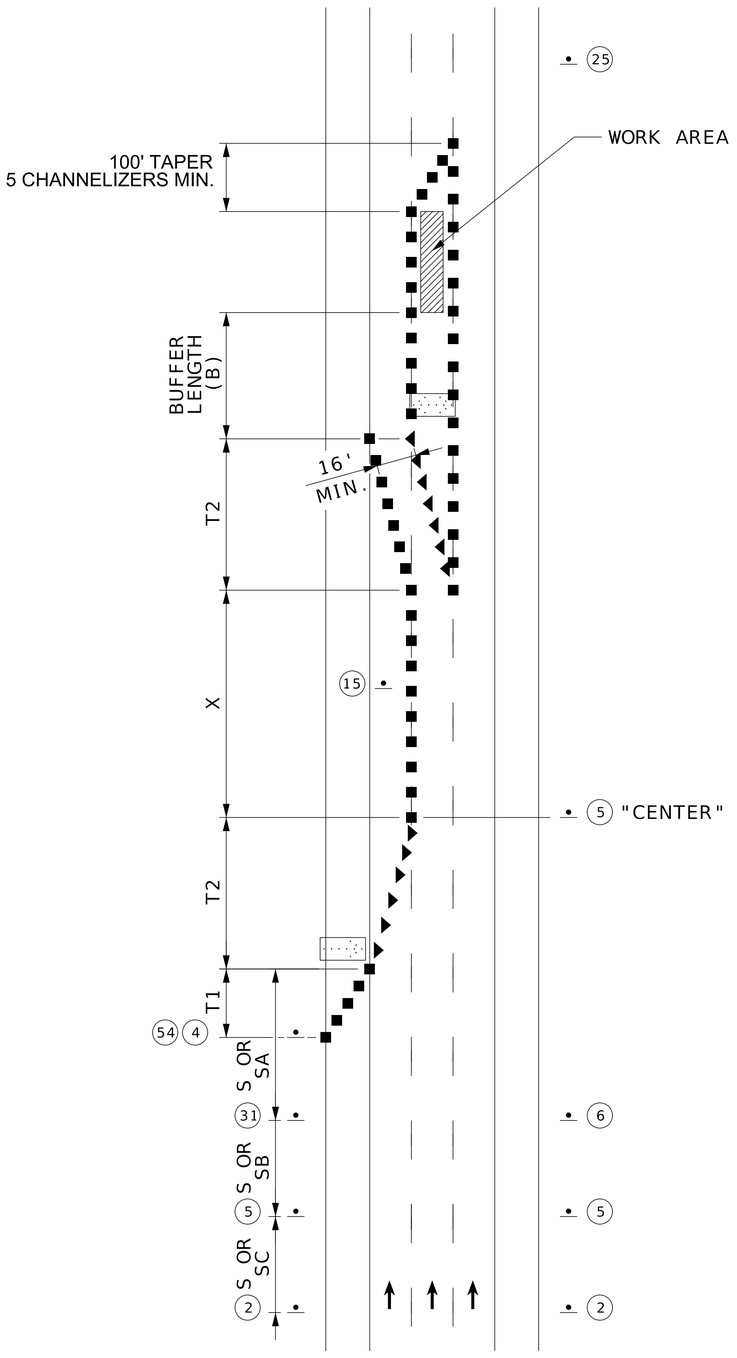
R2-1

(25)

(NORMAL SPEED)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- DIRECTIONAL INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHTS
- FLASHING ARROW PANEL



NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:40:11 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

CONTRACT ID.

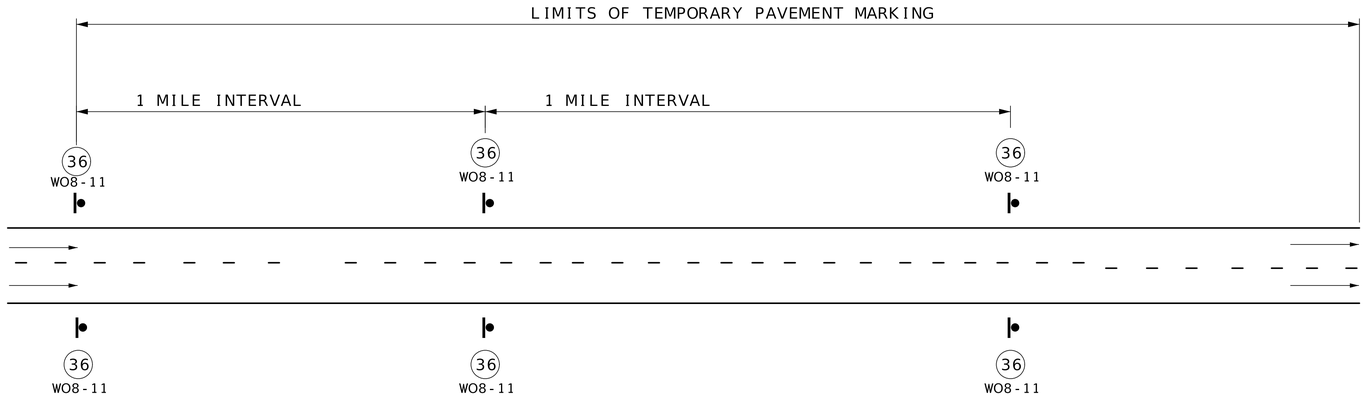
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

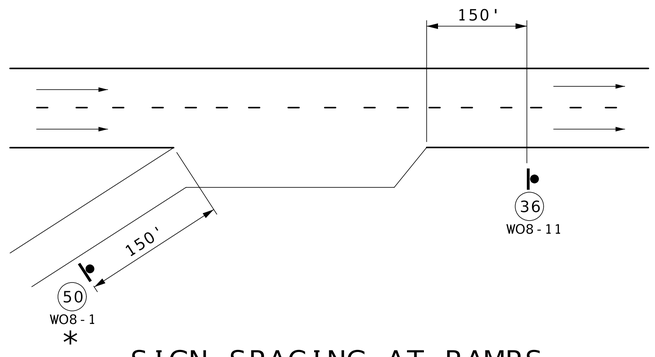
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SIGN SPACING FOR DIVIDED OR MULTI-LANE HIGHWAY

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



SIGN SPACING AT RAMPS

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





GENERAL NOTES:

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

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

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:40:19 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

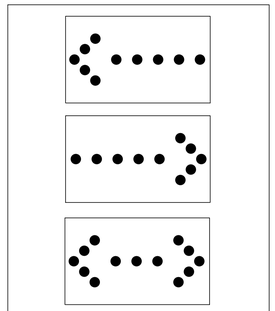
CONTRACT ID.

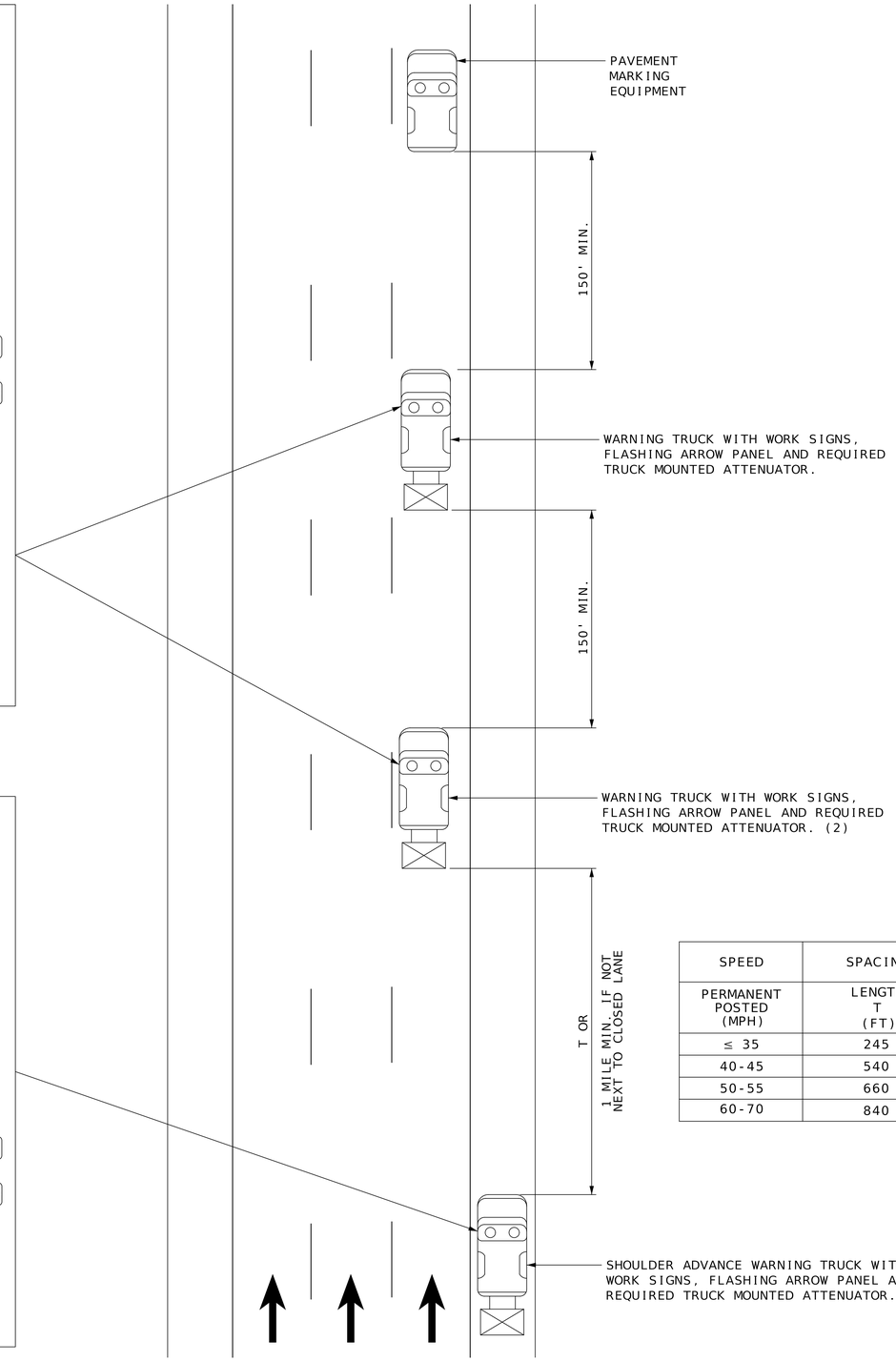
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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





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

STRIPING 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.

(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.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:40:25 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
NEWTON/JASPER

JOB NO.
JSR0128

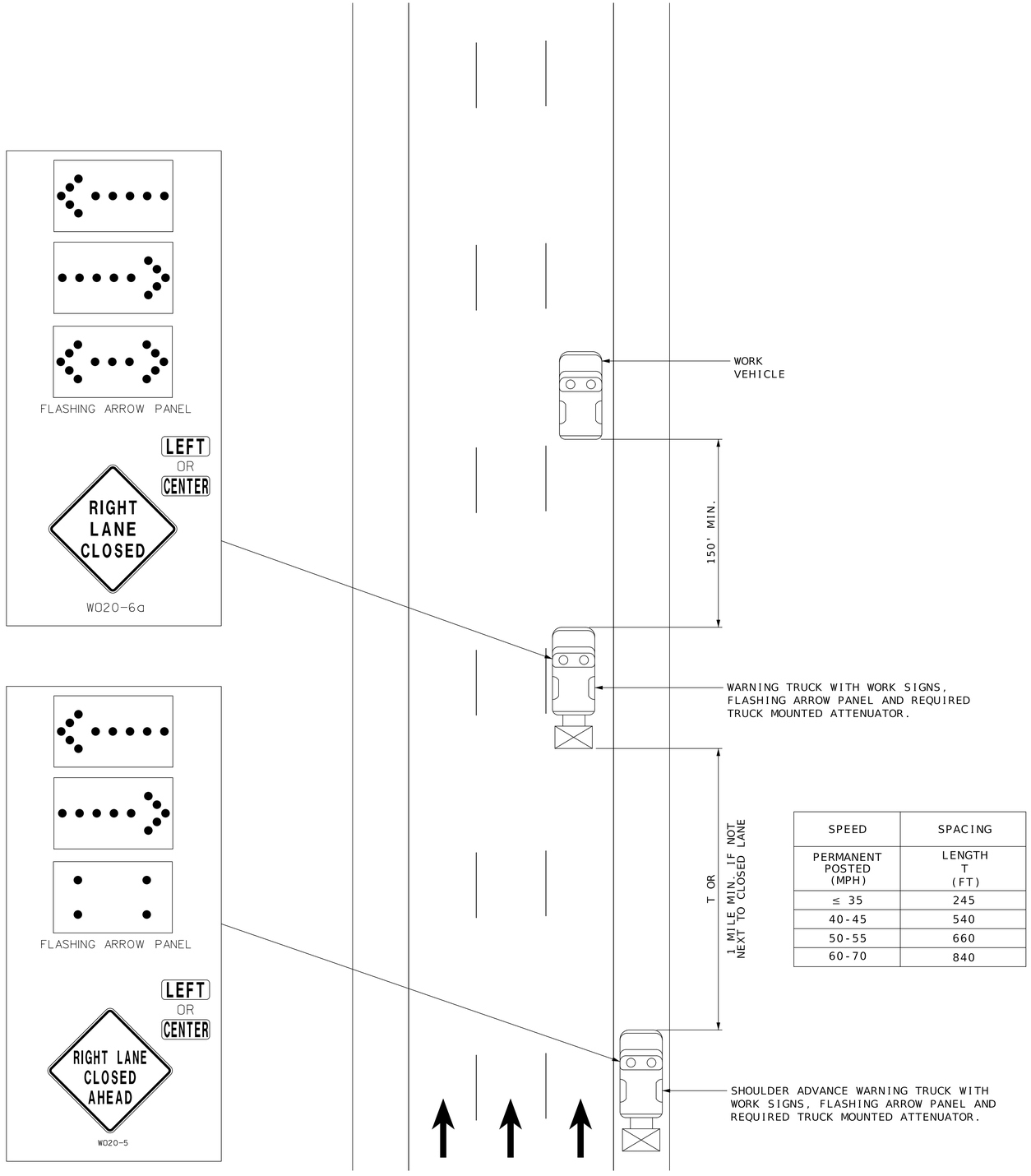
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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



SPEED	SPACING
PERMANENT POSTED (MPH)	LENGTH T (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 AND SIGNS 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.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:40:31 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	21

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT
(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)



WO5-1





(3)

WO7-3a

(43) *

*OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.

GO20-5aP





R2-1

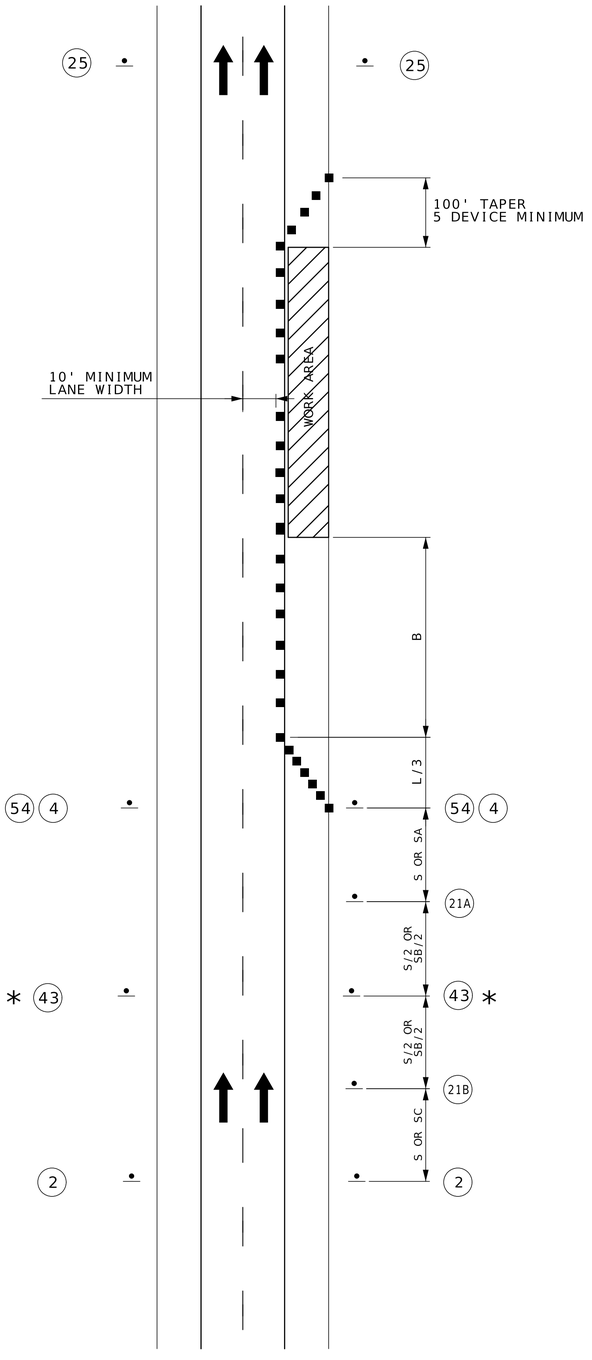
(54)
(4)



R2-1

(25)

(NORMAL SPEED)



NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:40:31 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

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)

STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY

SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL	CHANNELIZER SPACING (FT)	
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	250	35	40
40-45	500	150	540	360	40	80
50-55	1000	185	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120

NOTES:

(1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

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.

GO20-5aP
WORK ZONE
DO NOT PASS
R4-1
54
46

PASS WITH CARE
R4-2
46A



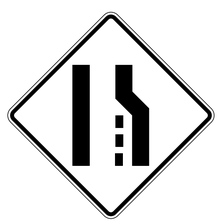
WO20-1
2



WO20-5
5



WO20-6a
6


WO4-2R
30

GO20-5aP
WORK ZONE
SPEED LIMIT 60
R2-1
54
4

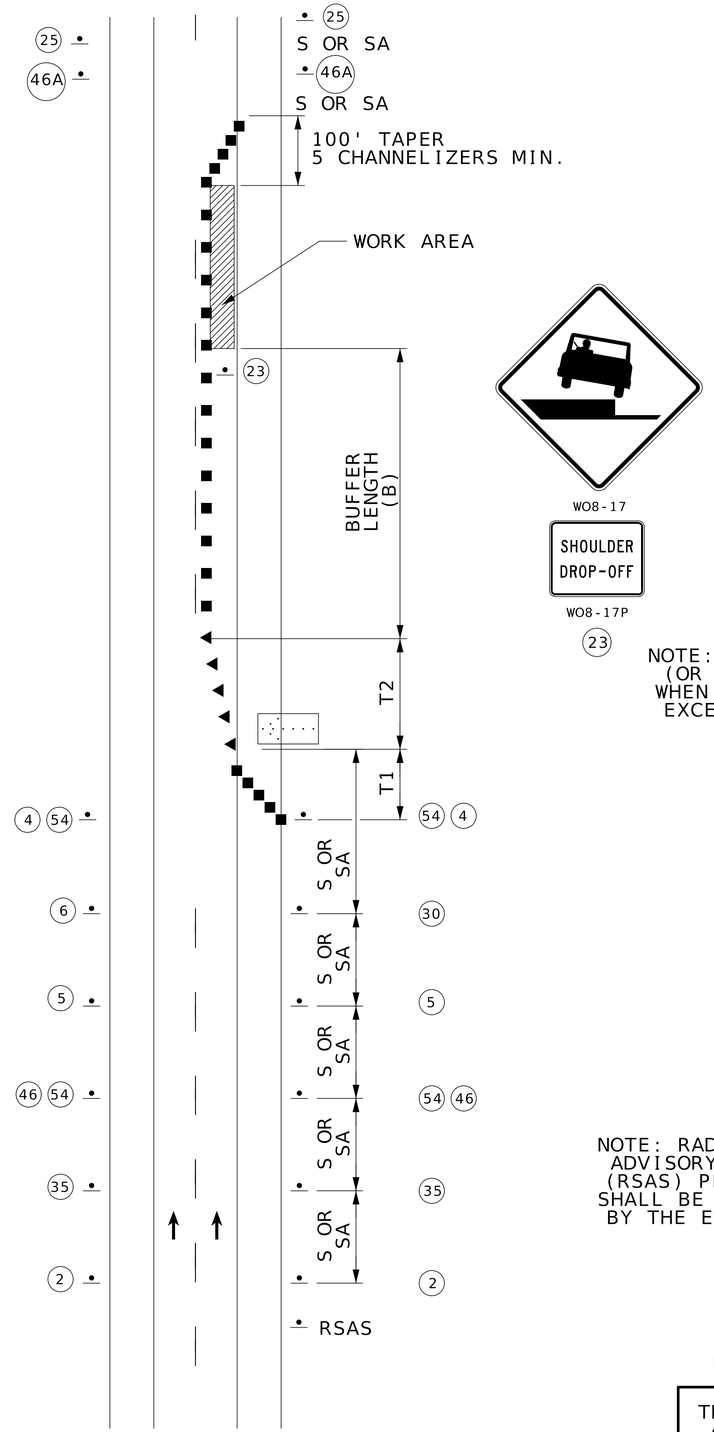
SPEED LIMIT 70
R2-1
25
(NORMAL SPEED)

SPEEDING/PASSING
CONST-3X
MIN. $250 FINE
SPEEDING WHEN WORKERS PRESENT
CONST-3A
35

FLASHING ARROW PANEL

CHANNELIZER

DIRECTIONAL INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHT



WO8-17

SHOULDER DROP-OFF
WO8-17P
23

NOTE: USE THIS SIGN (OR SIGN WO8-17L) WHEN EDGE DROP-OFF EXCEEDS 3 INCHES.

NOTE: RADAR SPEED ADVISORY SYSTEM (RSAS) PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 8 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:40:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	23

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

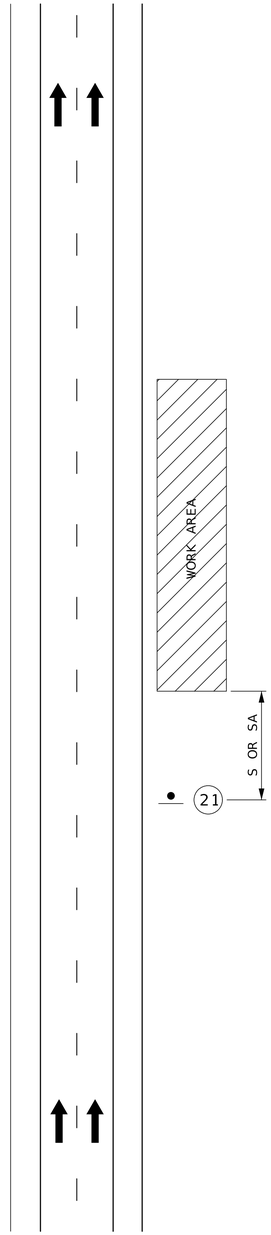
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

WORK 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 9 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

08/10/2026 7:40:56 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	24

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

CONTRACT ID.

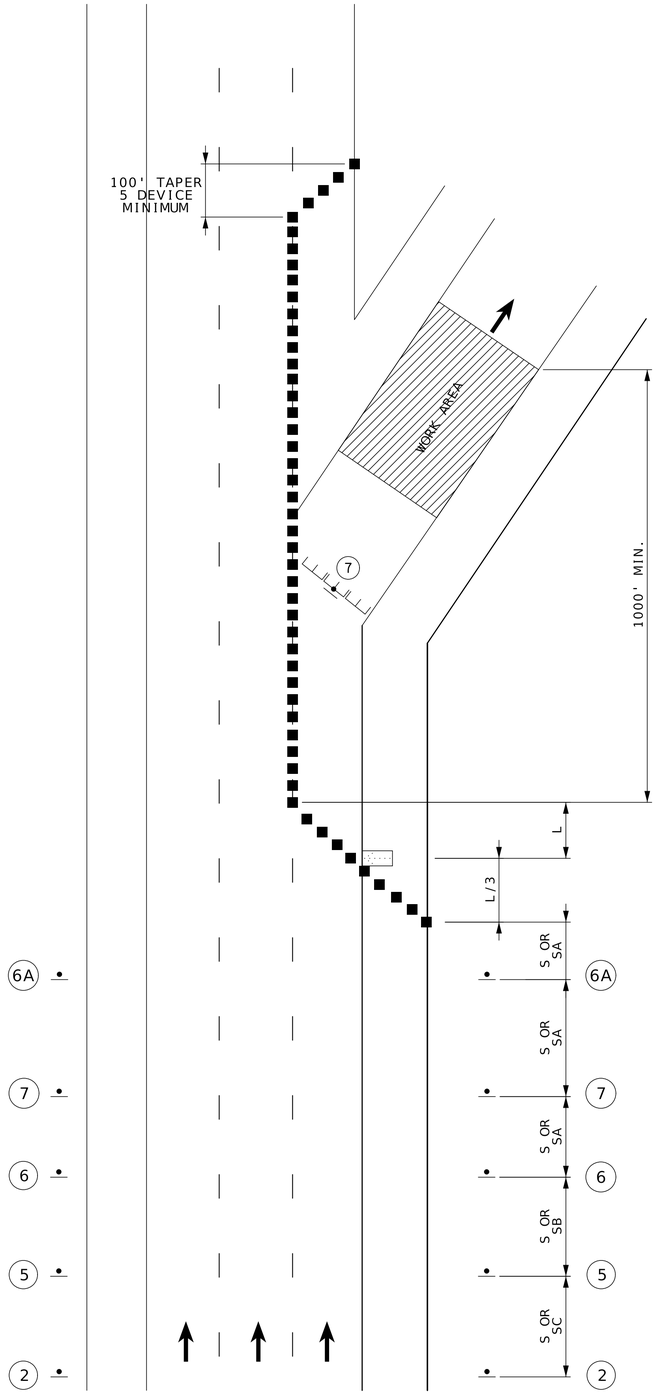
PROJECT NO.

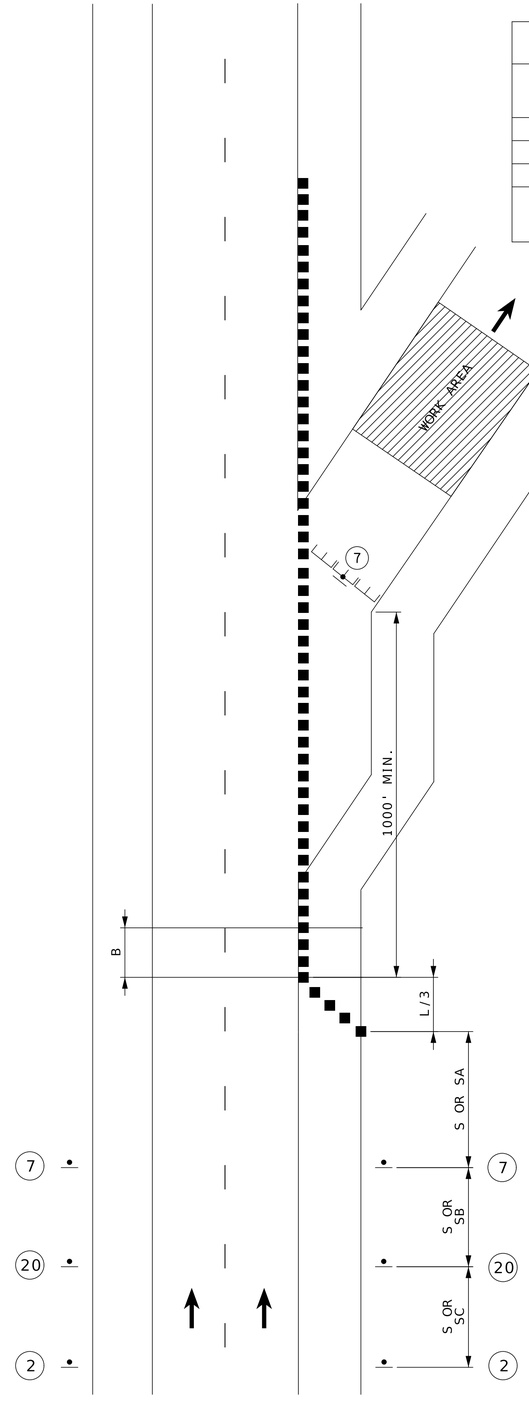
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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





RAMP CLOSURE

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.

WHEN AN EXIT RAMP IS CLOSED, SIGN (7) SHOULD BE PLACED DIAGONALLY ACROSS THE INTERCHANGE/INTERSECTION GUIDE SIGNS.



WO20-1
(2)



WO20-5
(5)



WO20-6a
(6)



WO4-2R
(6A)



E05-2a
(7)



WO20-3
(20)

TRAFFIC CONTROL LEGEND

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 10 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:40:55 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	25

COUNTY
NEWTON/JASPER

JOB NO.
JSR0128

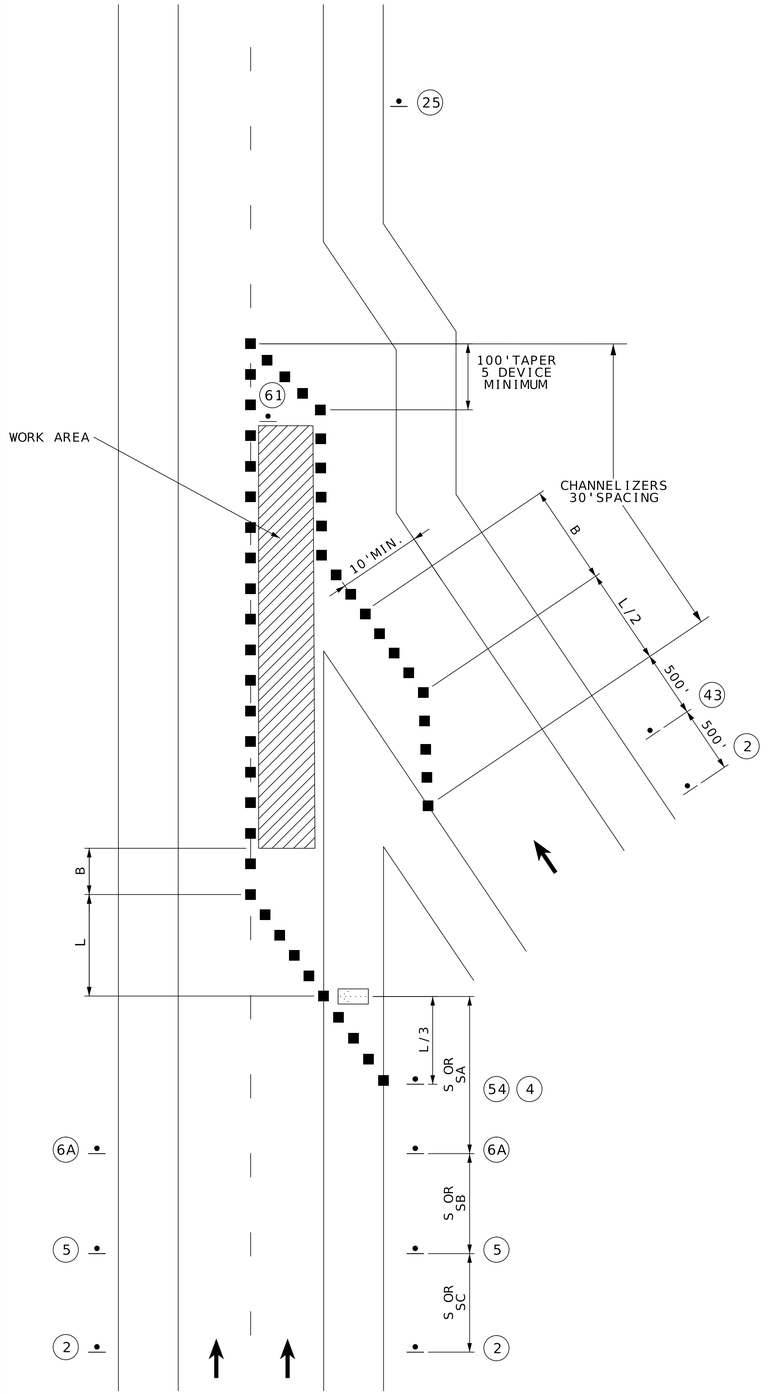
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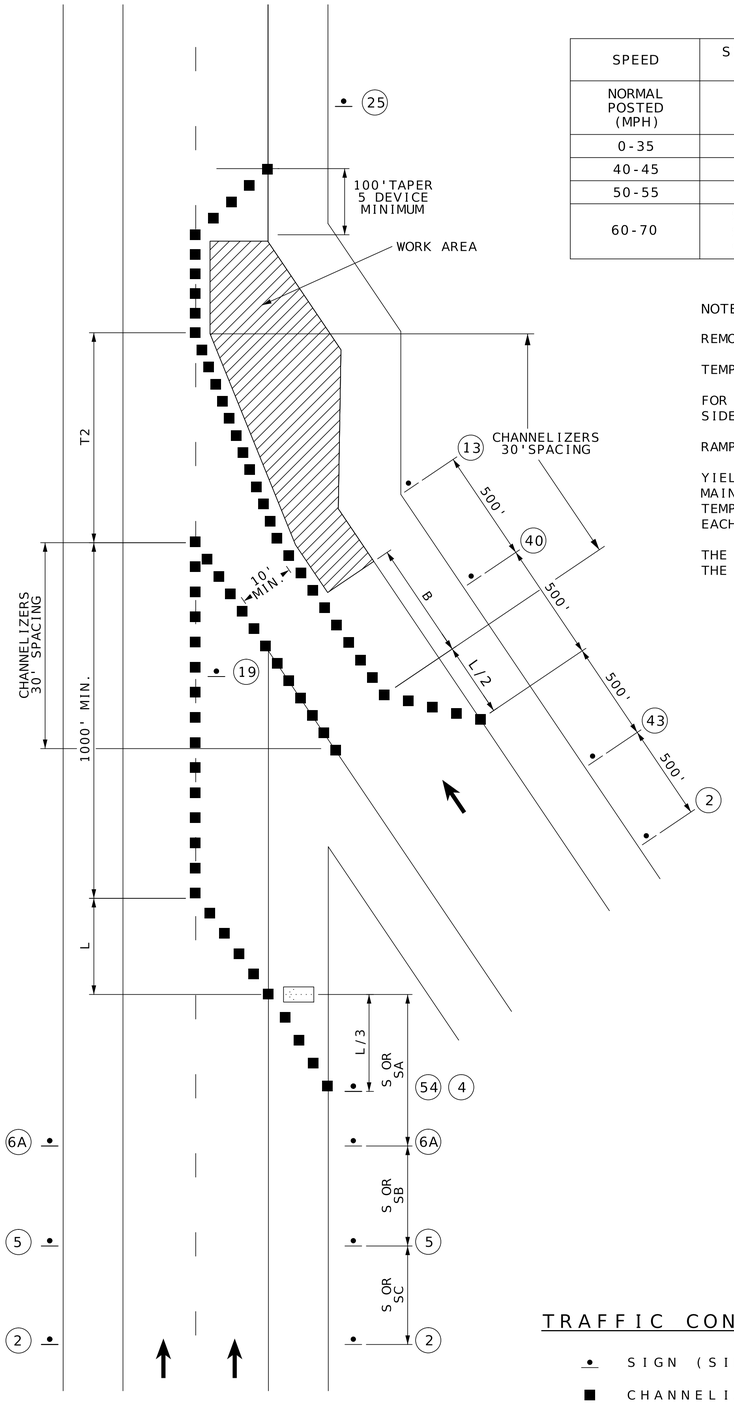
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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





WORK 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.



WO20-1
2



WO20-5
5

GO20-5aP


R2-1
54
4


WO3-2
40



WO5-1
43


WO4-1R
19



R2-1
25
(NORMAL SPEED)



R1-2
13


WO4-2R
6A


WO4-3R
61

TRAFFIC CONTROL LEGEND

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 11 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:41:01 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	26

COUNTY
NEWTON/JASPER

JOB NO.
JSR0128

CONTRACT ID.

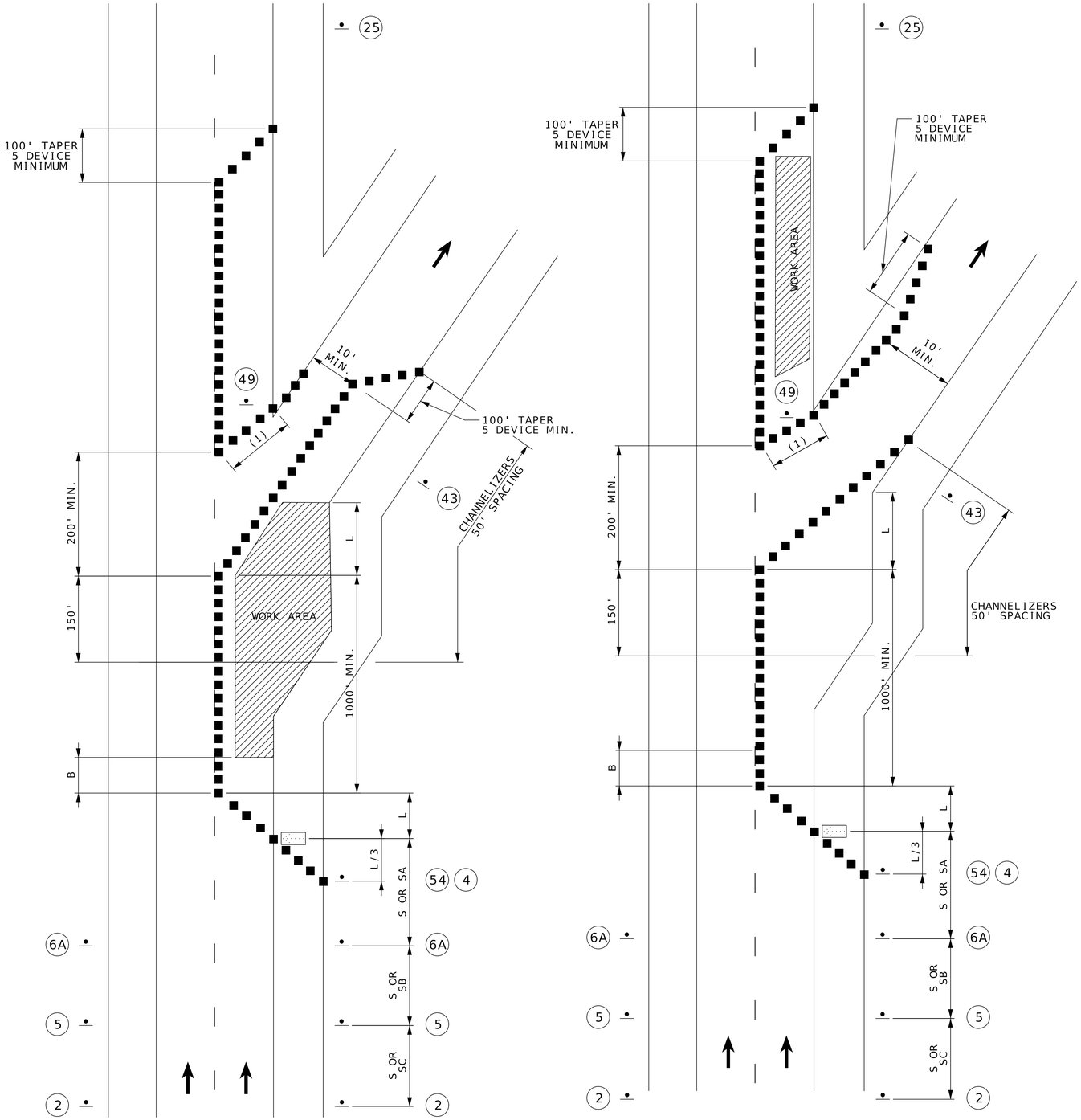
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



WORK IN THE VICINITY OF AN EXIT 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:

(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

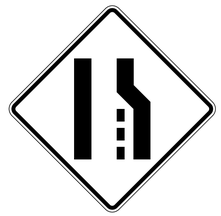




R2-1

54

4



WO4-2R

6A



WO5-1

43



R2-1

25

(NORMAL SPEED)



E05-1

49

NOT TO SCALE

TRAFFIC CONTROL LEGEND

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

TRAFFIC CONTROL
SHEET 12 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:41:09 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	27

COUNTY
NEWTON / JASPER

JOB NO.
JSR0128

CONTRACT ID.

PROJECT NO.

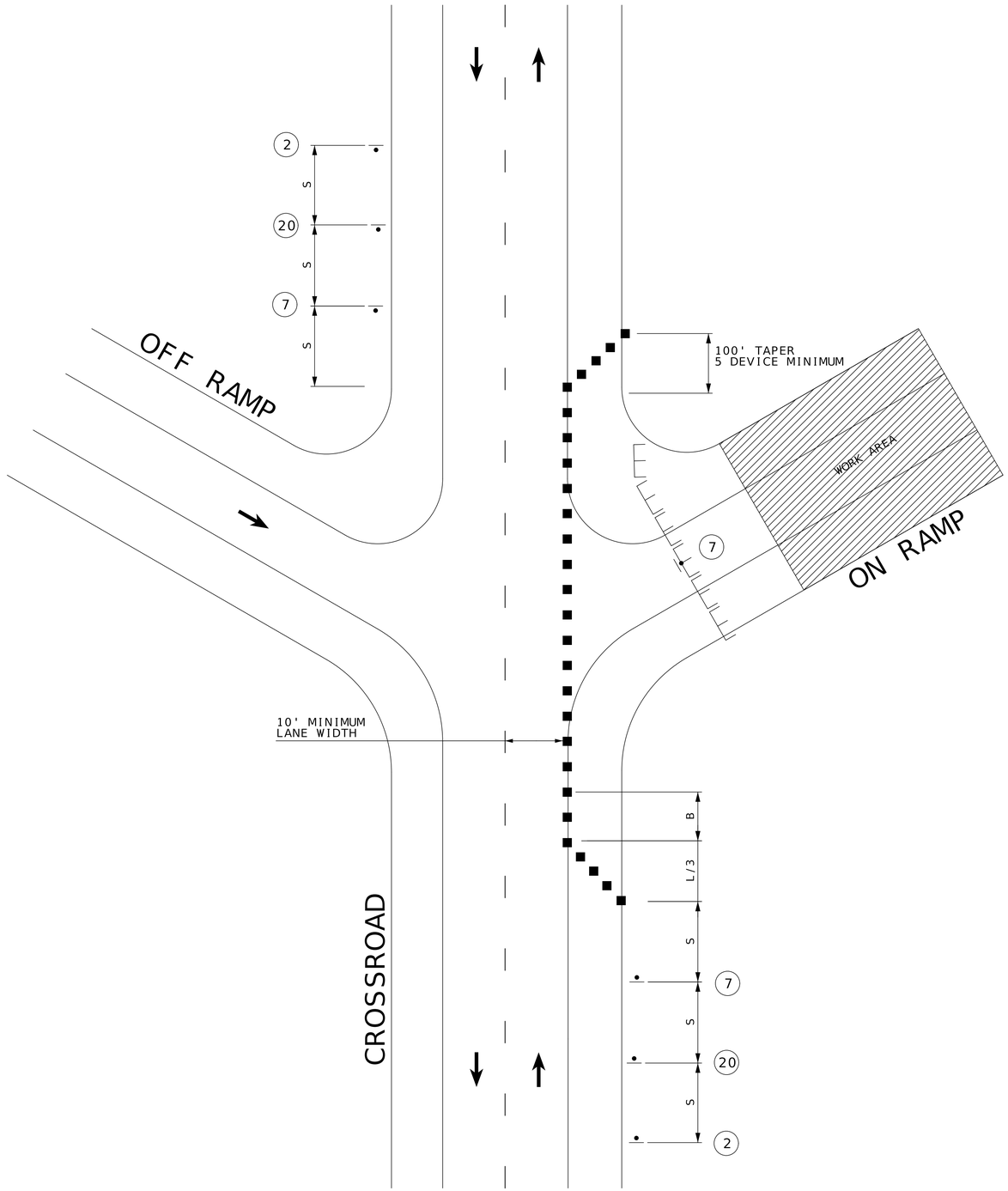
BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



CROSSROAD TRAFFIC CONTROL FOR RAMP CLOSURE

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



WO20-1
2



E05-2a
7



WO20-3
20

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE

NOT TO SCALE

TRAFFIC CONTROL
SHEET 13 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:41:11 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	28

COUNTY
NEWTON/JASPER

JOB NO.
JSR0128

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

REVISED: 2/19/2026



WO20-1

(2)



WO20-4

(7)



WO20-7a

(8)

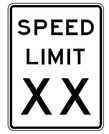
GO20-5aP





R2-1

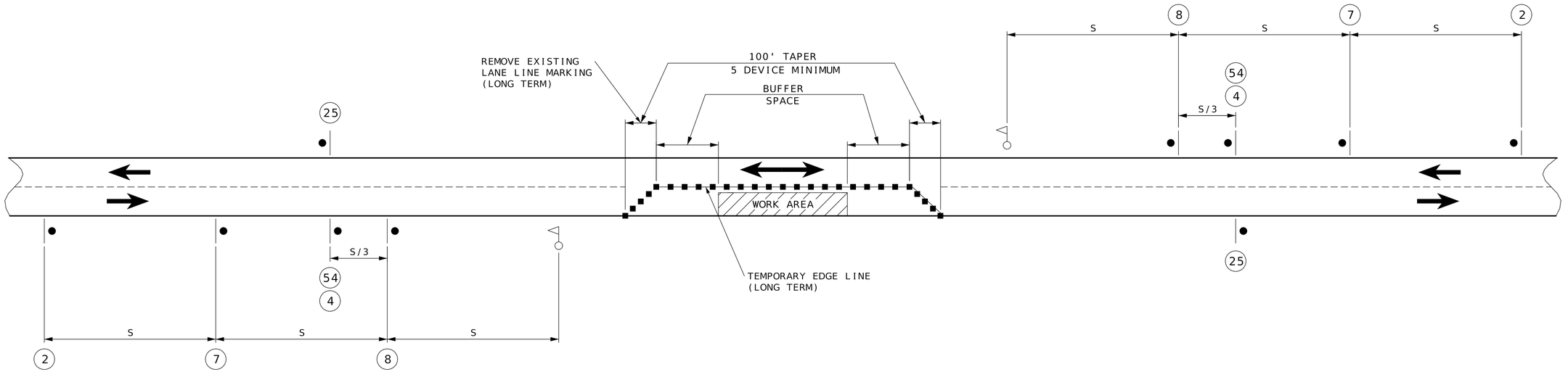
(54)
(4)



R2-1

(25)

(NORMAL SPEED)



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

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

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

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

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

SPACING NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

• SIGN (SINGLE SIDED)

FLAGGER

■ CHANNELIZER

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 14 OF 14

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 7:41:24 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/7/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	29

COUNTY
NEWTON/JASPER

JOB NO.
JSR0128

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Loading:

Vehicular = HS20
Future Wearing Surface = 35 lb/sf
Earth = 120 lb/cf
Equivalent Fluid Pressure = 45 lb/cf (Min.)

Traffic Handling:

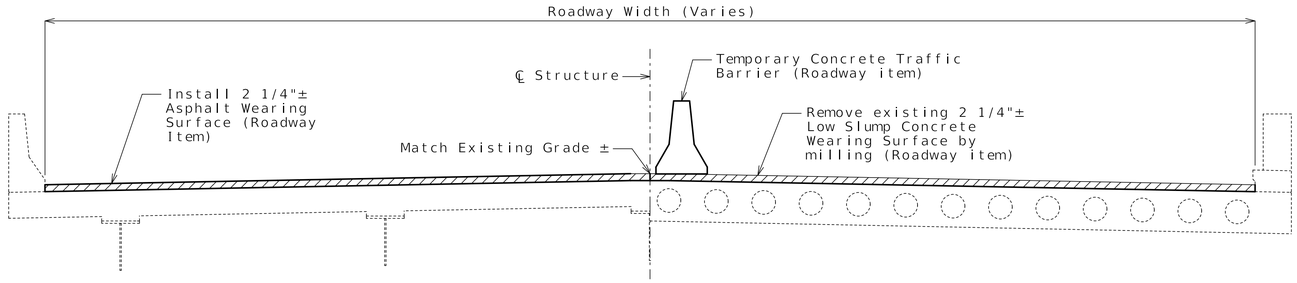
Traffic to be maintained on structure during construction. See roadway plans for traffic control.

Miscellaneous:

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

Dimensions are based on existing bridge plans. Contractor shall verify all dimensions in field.

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface.



HALF SECTION SHOWING SLAB ON STEEL

HALF SECTION SHOWING VOIDED SLAB

TYPICAL CROSS SECTION

Bridge Information

Bridge Number	County	Route	Crossing	Span Layout	Roadway Width	Skew	Condition Rating			Beginning Station
							Deck	Super.	Sub.	
A05402	Newton	I-44 EB	CPKC RR	(50'-60'-50') Continuous I-Beam Spans	36.88'±	28° RA	5	7	7	517+79.81 ±
A05403	Newton	I-44 WB	CPKC RR	(50'-60'-50') Continuous I-Beam Spans	36.88'±	28° RA	5	7	7	517+35.15 ±
A05423	Jasper	I-44 EB	Grove Creek	(40'-50'-40') Continuous I-Beam Spans	39.92'±	15° RA	5	7	6	220+62.51 ±
A05434	Jasper	I-44 EB	Jones Creek	(44'-53'-53'-44') Continuous Composite I-Beam Spans	37.13'±	Square	6	7	6	518+56.50 ±
A05435	Jasper	I-44 WB	Jones Creek	(44'-53'-53'-44') Continuous Composite I-Beam Spans	37.13'±	Square	6	6	6	518+56.50 ±
A05444	Jasper	I-44 EB	Jenkins Creek	(86'-108'-86') Continuous Composite Plate Girder Spans	37.13'±	35° RA	6	7	7	551+89.37 ±
A05445	Jasper	I-44 WB	Jenkins Creek	(86'-108'-86') Continuous Composite Plate Girder Spans	37.13'±	35° RA	6	7	7	551+30.55 ±
A08623	Jasper	I-44 EB	MO Route 37	(36'-44'-36') Continuous Voided Slab Spans	38.00'±	Square	6	6	7	836+05.65 ±
A08624	Jasper	I-44 WB	MO Route 37	(36'-44'-36') Continuous Voided Slab Spans	38.00'±	Square	6	6	8	836+06.05 ±

Detailed July 2026
Checked July 2026

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

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

DATE PREPARED
8/25/2026

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
BR	1

COUNTY
VARIOUS

JOB NO.
JSR0128

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
NEWTON/JASPER

DESCRIPTION	DATE

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