

DESIGN DESIGNATION

A.A.D.T. CONST. - 2026 = 25390
A.A.D.T. DESIGN - 2046 = 31870
DHV (E/W) = 49.1%/50.9%
T = 7.80%
V = 45 M.P.H.

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

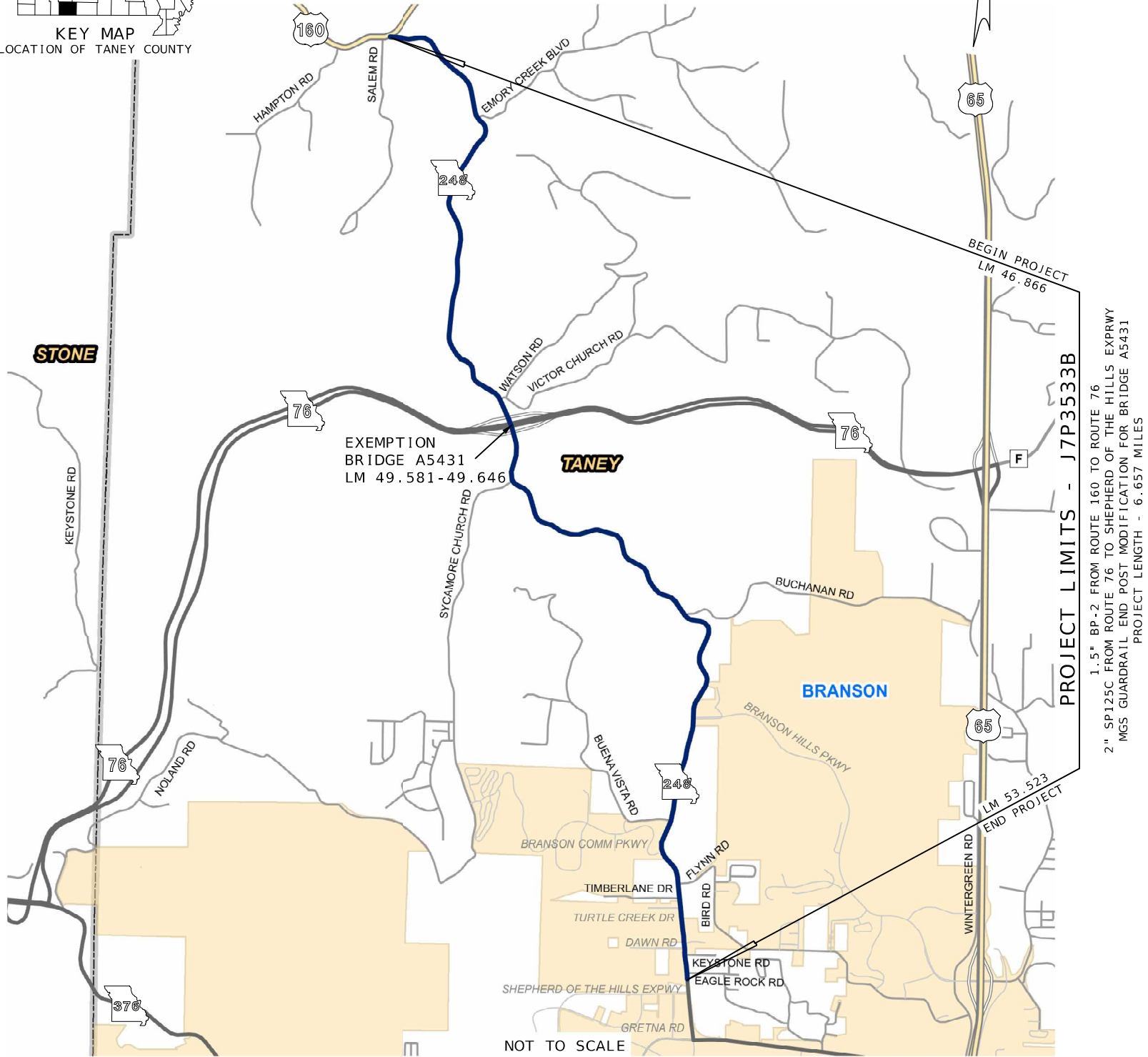
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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



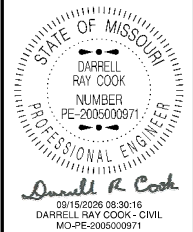
KEY MAP
LOCATION OF TANEY COUNTY



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) (13 SHEETS) ..	2
QUANTITIES (QU) (3 SHEETS)	3
SPECIAL SHEETS (SS)	4-6
TRAFFIC CONTROL SHEETS (TC)	7-13
BRIDGE DRAWING (B)	
A5431	1-3



DATE PREPARED	8/10/2026
ROUTE	248
STATE	MO
DISTRICT	SW
SHEET NO.	1
COUNTY	TANEY
JOB NO.	J7P3533B
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LENGTH OF PROJECT

BEGINNING OF PROJECT	LM 46.866
END OF PROJECT	LM 53.523
APPARENT LENGTH	352148.96 FEET
EQUATIONS AND EXCEPTIONS:	343.20 FEET
BRIDGE A5431 LM 49.581 - 49.646	343.20 FEET
TOTAL CORRECTIONS	343.20 FEET
NET LENGTH OF PROJECT	34805.76 FEET
STATE LENGTH	6.592 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0 ACRES

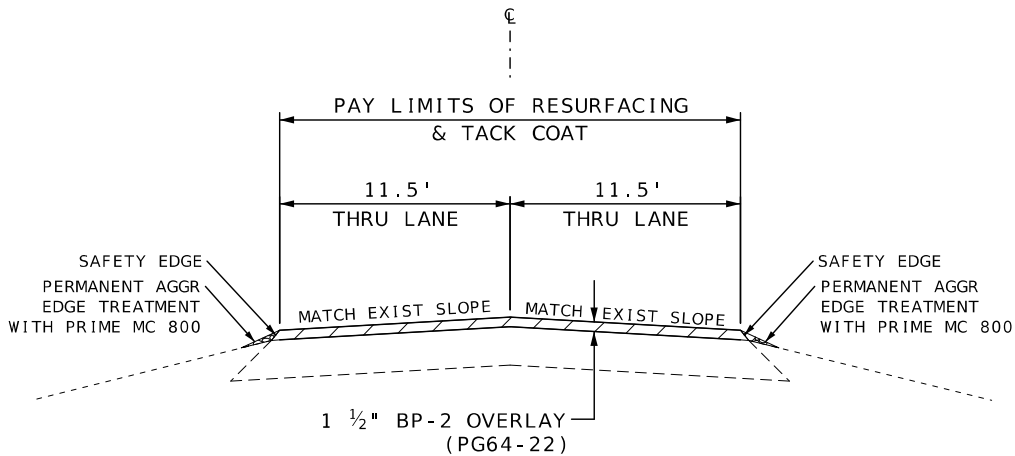
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

REVISED: 6/26/2025

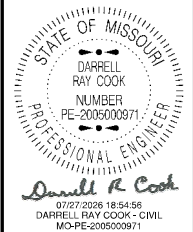
ASPHALT FACTORS	
COMBINED FACTOR	
BP-2 (PG64-22)	1.995 TONS/CY
SP125C (PG70-22)	2.000 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE	0.25 GAL/SY
EDGE TREATMENT	
FOG SEALING	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE 248

LOG MILE 46.866 TO LOG MILE 47.630

LOG MILE 47.713 TO LOG MILE 49.339



DATE PREPARED	
7/27/2026	
ROUTE	STATE
248	MO
DISTRICT	SHEET NO.
SW	2
COUNTY	
TANEY	
JOB NO.	
J7P3533B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

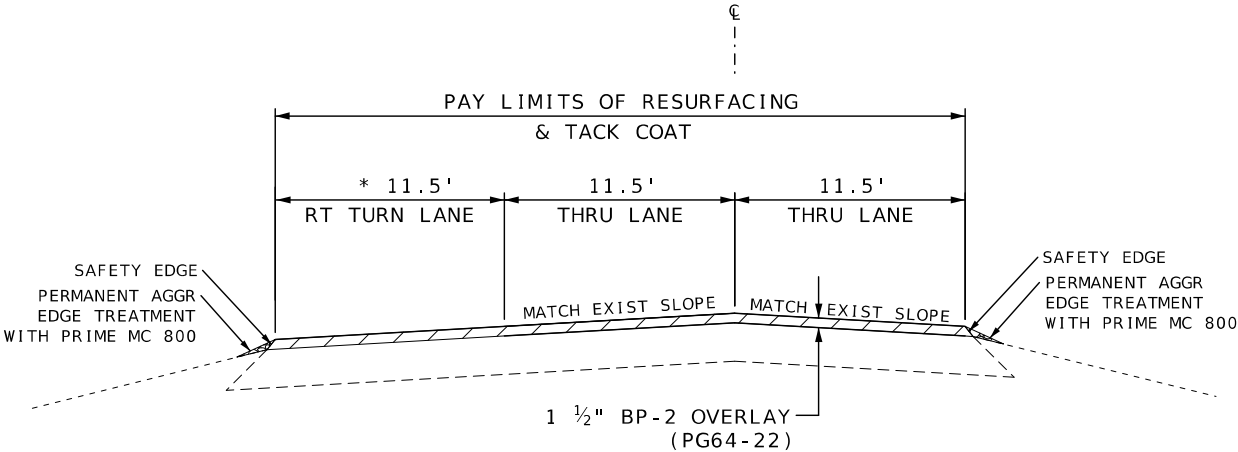
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

SURFACE PLACEMENT - ONE PASS PER LANE

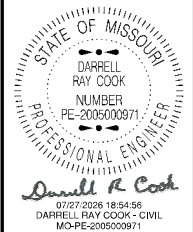
NO S.E. CORRECTION

ASPHALT FACTORS	
COMBINED FACTOR	
BP-2 (PG64-22)	1.995 TONS/CY
SP125C (PG70-22)	2.000 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE	0.25 GAL/SY
EDGE TREATMENT	
FOG SEALING	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	



*NOTE: TAPER FROM 0' - 11.5'
FROM LM 47.630 TO LM 47.637
TAPER FROM 11.5' TO 0'
FROM LM 47.699 TO LM 47.713

ROUTE 248
LOG MILE 47.630 TO LOG MILE 47.713



DATE PREPARED 7/27/2026	
ROUTE 248	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY TANEY	
JOB NO. J7P3533B	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

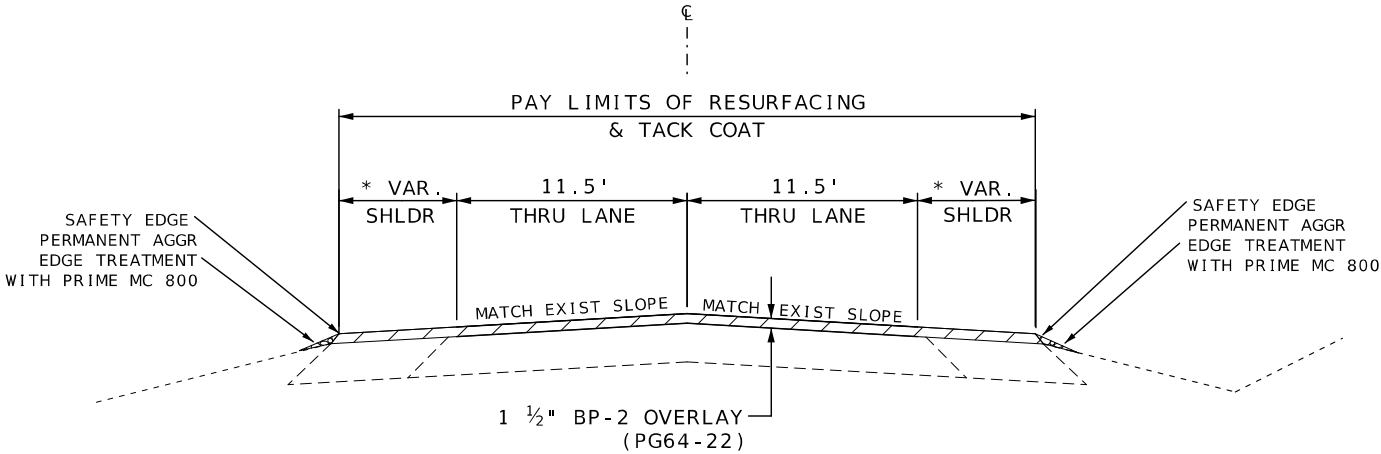
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

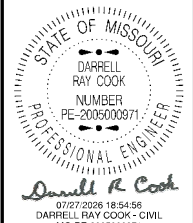
ASPHALT FACTORS	
COMBINED FACTOR	
BP-2 (PG64-22)	1.995 TONS/CY
SP125C (PG70-22)	2.000 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE	0.25 GAL/SY
EDGE TREATMENT	
FOG SEALING	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	



* NOTE: SHOULDER WIDTH
2' TO 8'

ROUTE 248

LOG MILE 49.339 TO LOG MILE 49.496



DATE PREPARED 7/27/2026	
ROUTE 248	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY TANEY	
JOB NO. J7P3533B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

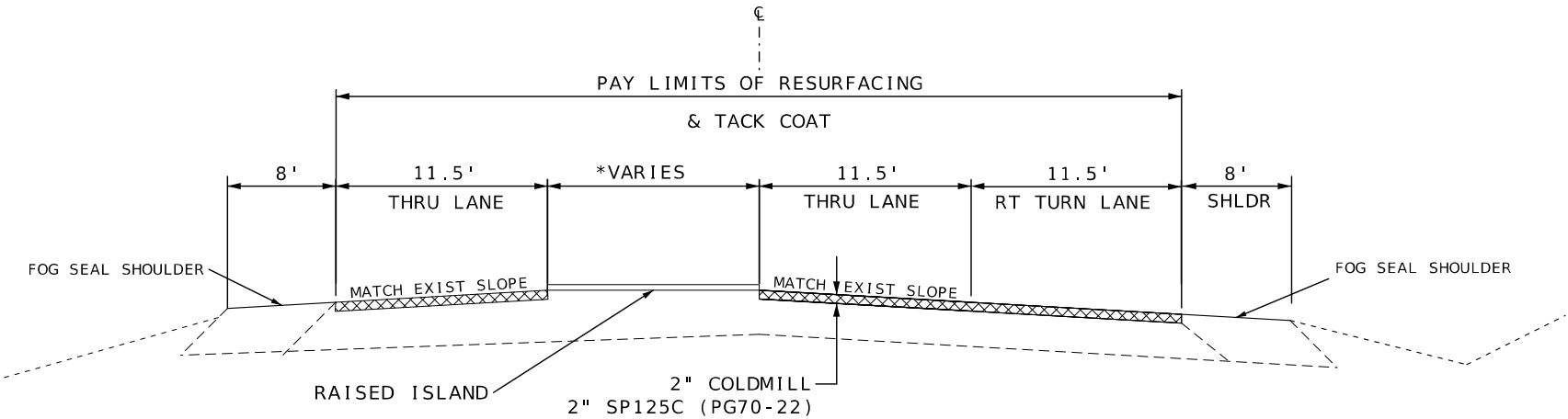
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

ASPHALT FACTORS	
COMBINED FACTOR	
BP-2 (PG64-22)	1.995 TONS/CY
SP125C (PG70-22)	2.000 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE	0.25 GAL/SY
EDGE TREATMENT	
FOG SEALING	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	



* NOTE: RAISED ISLAND WIDTH
6' TO 22'
LM 49.516 TO LM 49.563

ROUTE 248

LOG MILE 49.496 TO LOG MILE 49.563

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 18:54:56

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/27/2026

ROUTE

248

STATE

MO

DISTRICT

SW

SHEET NO.

2

COUNTY

TANEY

JOB NO.

J7P3533B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

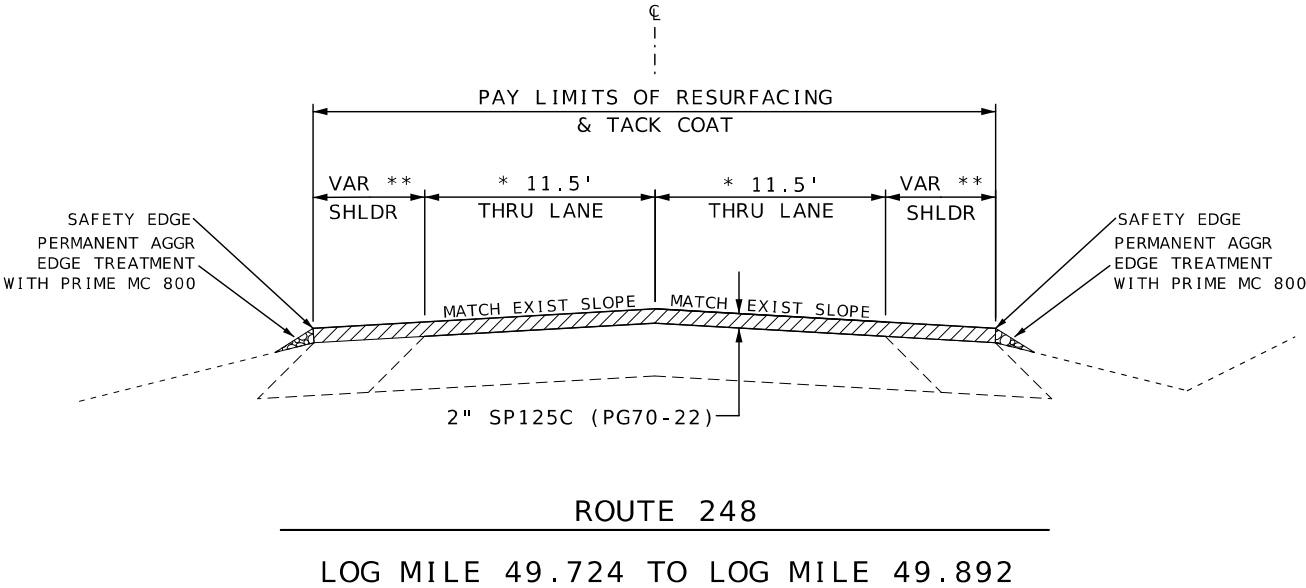
1-888-ASK-MODOT (1-888-275-6636)

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

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

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION



* NOTE: LOG MILE 49.724 TO LOG MILE 49.877
LANE FROM 20\' TO 14.5\'
LOG MILE 49.877 TO LOG MILE 49.892
LANE FROM 14.5\' TO 11.5\'

* * NOTE: SHOULDER WIDTH
0\' TO 8\'

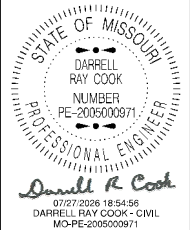
ASPHALT FACTORS	
COMBINED FACTOR	
BP-2 (PG64-22)	1.995 TONS/CY
SP125C (PG70-22)	2.000 TONS/CY

TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY

PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE EDGE TREATMENT	0.25 GAL/SY

FOG SEALING	
FOG SEAL	0.20 GAL/SY

IRREGULARITIES: 75 TONS/MI	
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DATE PREPARED 7/27/2026	
ROUTE 248	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY TANEY	
JOB NO. J7P3533B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

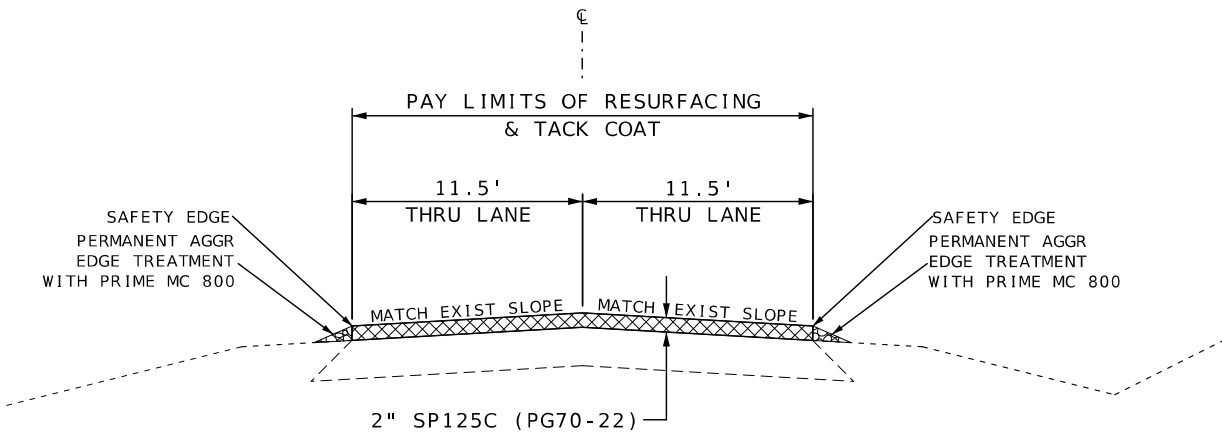
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

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

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION



ROUTE 248

LOG MILE 49.892 TO LOG MILE 53.071
LOG MILE 53.386 TO LOG MILE 53.523

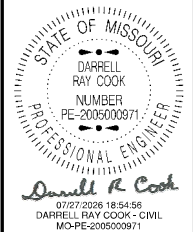
ASPHALT FACTORS	
COMBINED FACTOR	
BP-2 (PG64-22)	1.995 TONS/CY
SP125C (PG70-22)	2.000 TONS/CY

TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY

PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE	0.25 GAL/SY
EDGE TREATMENT	

FOG SEALING	
FOG SEAL	0.20 GAL/SY

IRREGULARITIES: 75 TONS/MI	
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DATE PREPARED	
7/27/2026	
ROUTE	STATE
248	MO
DISTRICT	SHEET NO.
SW	2
COUNTY	
TANEY	
JOB NO.	
J7P3533B	
CONTRACT ID.	

PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

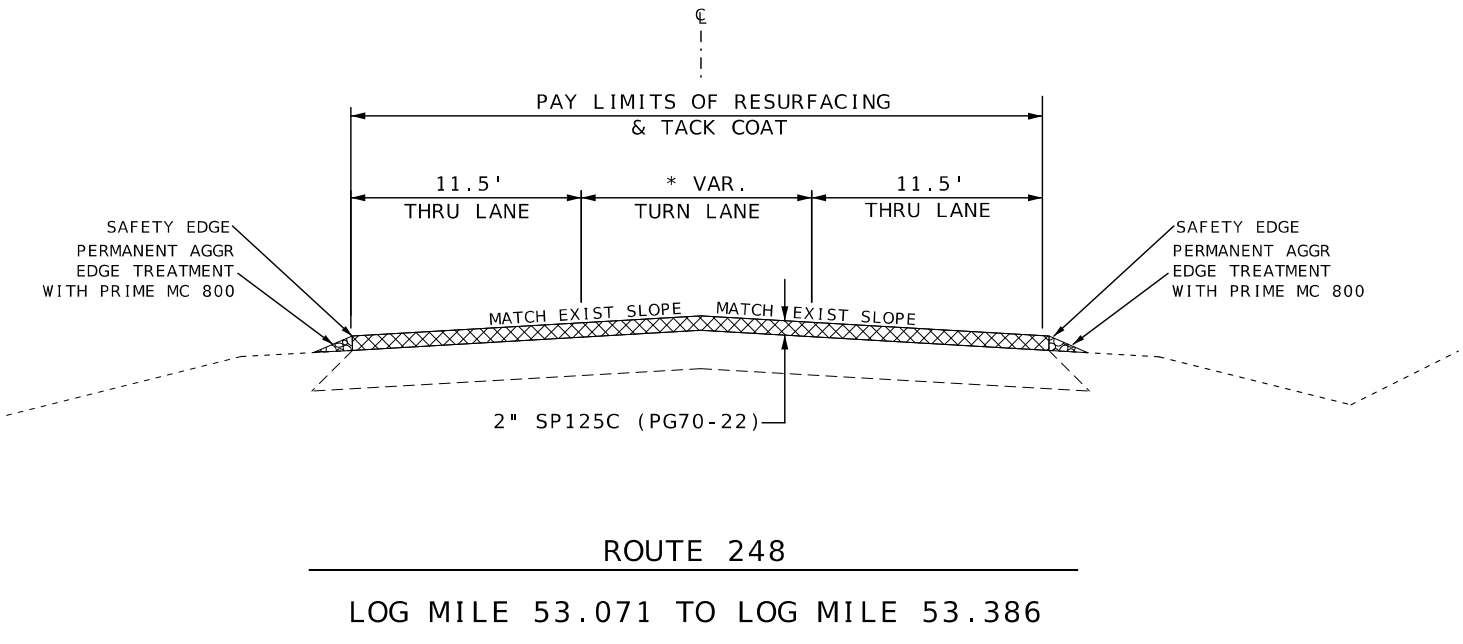
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

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

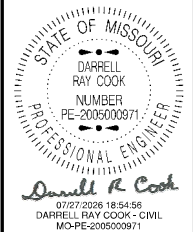
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	
COMBINED FACTOR	
BP-2 (PG64-22)	1.995 TONS/CY
SP125C (PG70-22)	2.000 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE EDGE TREATMENT	0.25 GAL/SY
FOG SEALING	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	



* NOTES: TURN LANE WIDTH
0' TO 11.5'



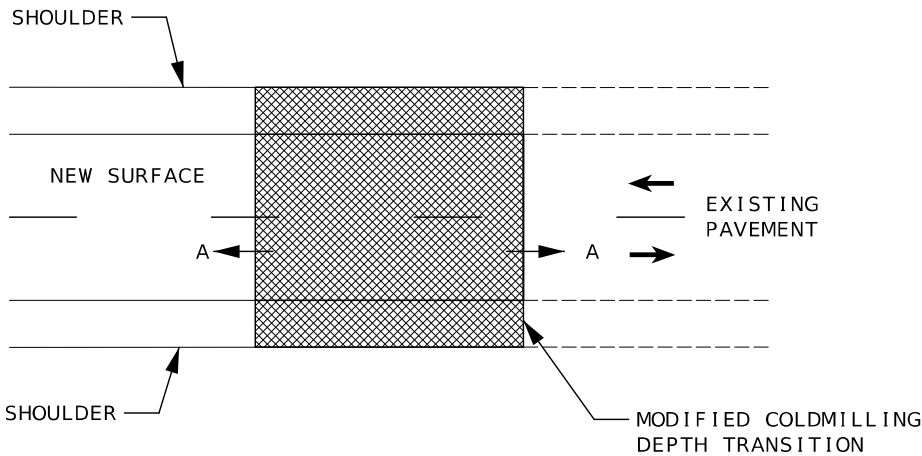
DATE PREPARED 7/27/2026	
ROUTE 248	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY TANEY	
JOB NO. J7P3533B	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

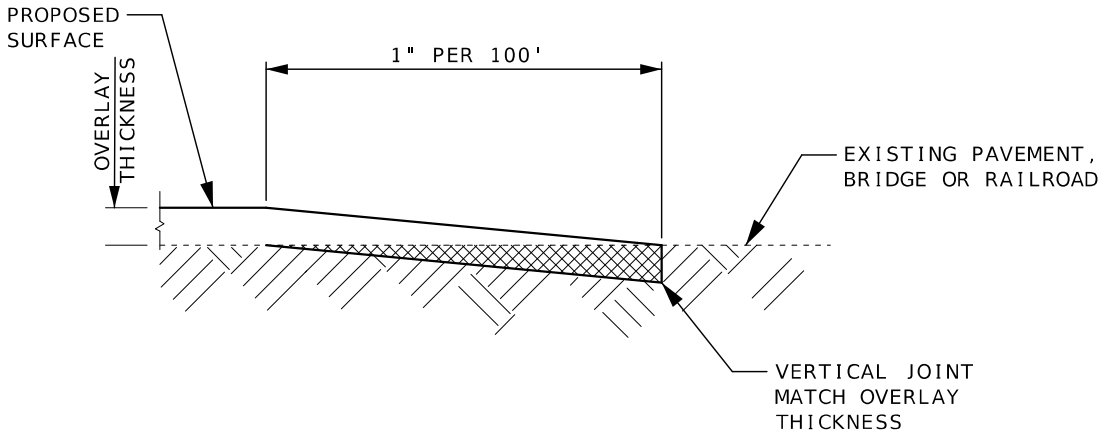
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



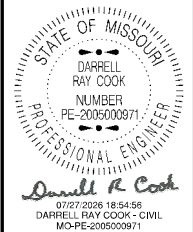
MAINLINE, BRIDGE, AND RAILROAD PLAN



SECTION A-A

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

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.



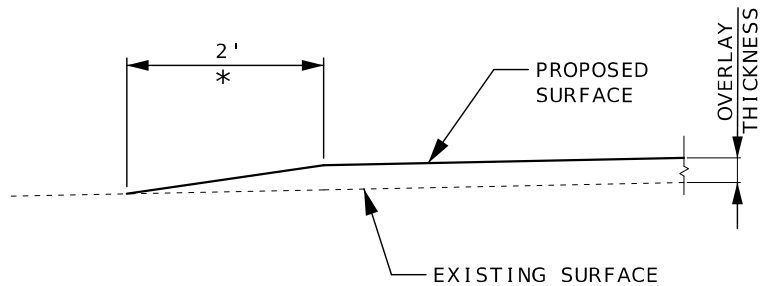
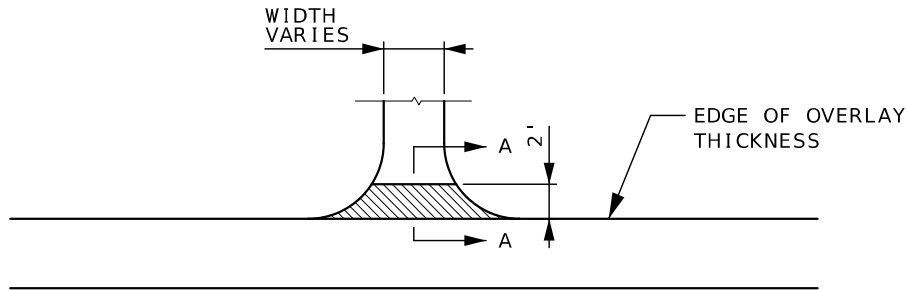
DATE PREPARED 7/27/2026	
ROUTE 248	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY TANEY	
JOB NO. J7P3533B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

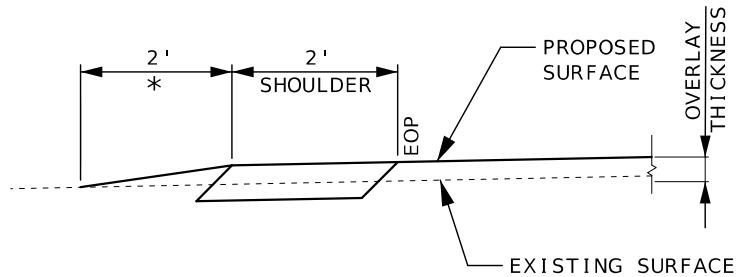
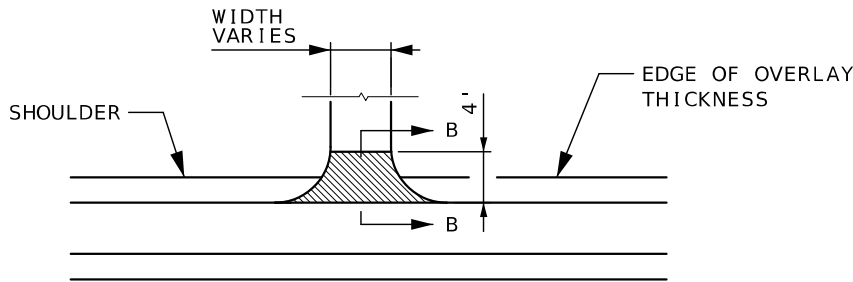


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

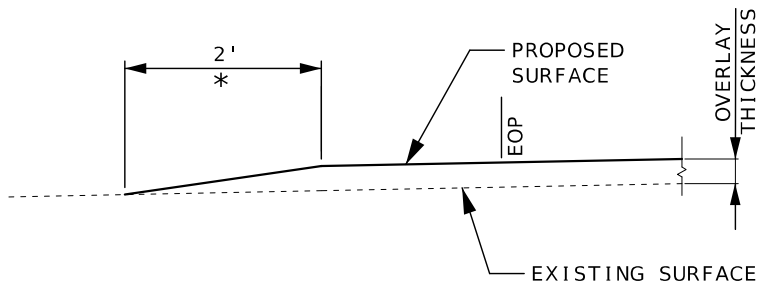


SECTION A-A
TYPICAL ENTRANCE - NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

NOTE: 4 TONS GRAVEL A OR CRUSHED STONE B
CALCULATED PER ENTRANCE.
6 TONS CALCULATED PER COUNTY ROAD.



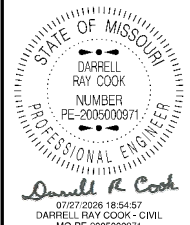
AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

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

NOTES: 4 TONS GRAVEL A OR CRUSHED STONE B
CALCULATED PER ENTRANCE.
6 TONS CALCULATED PER COUNTY ROAD.



DATE PREPARED
7/27/2026
ROUTE 248 STATE MO
DISTRICT SW SHEET NO. 2
COUNTY TANEY
JOB NO. J7P3533B
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

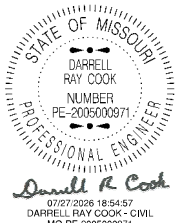
DESCRIPTION	DATE

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



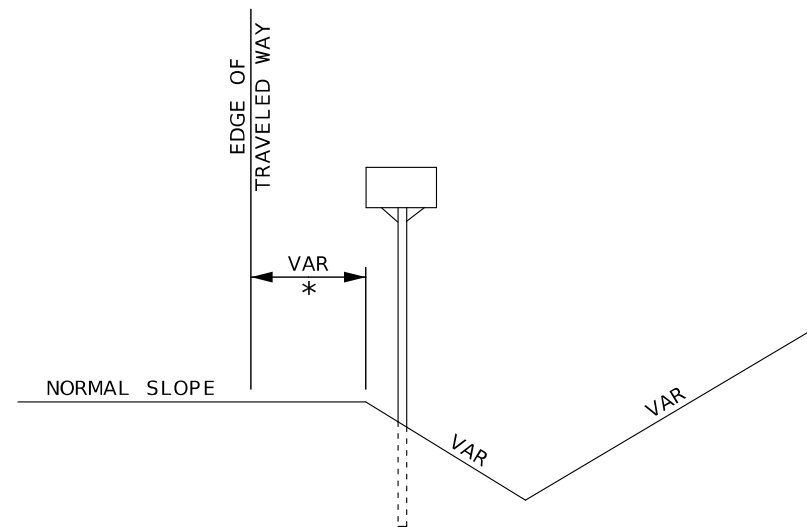
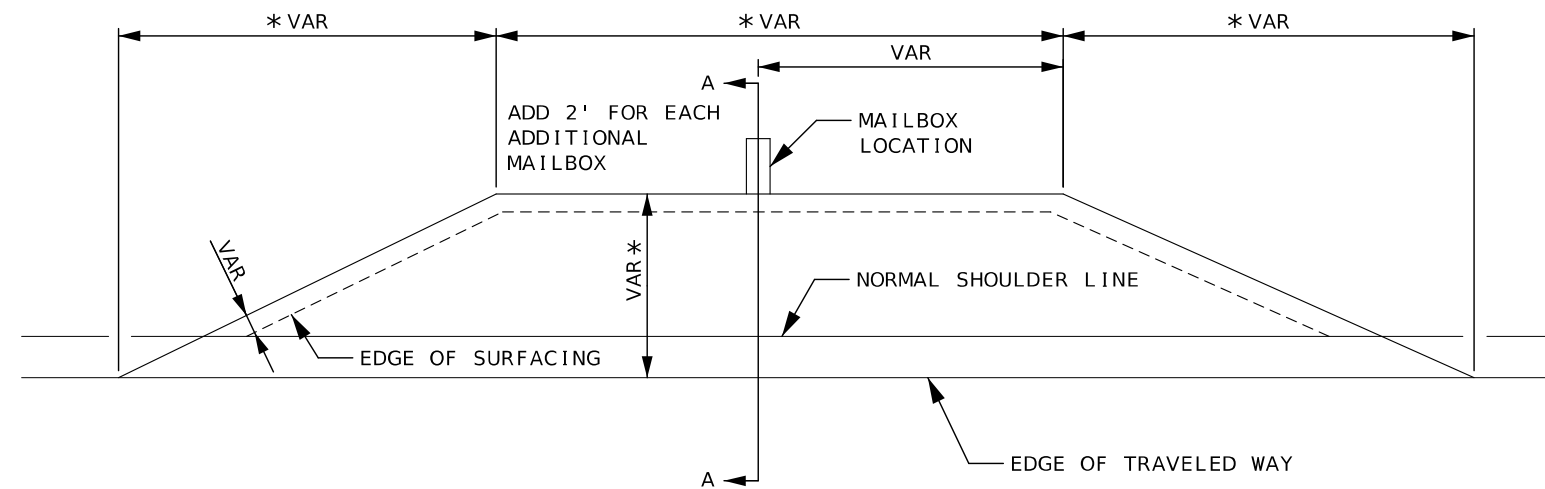
REVISÉD: 6/26/2025

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

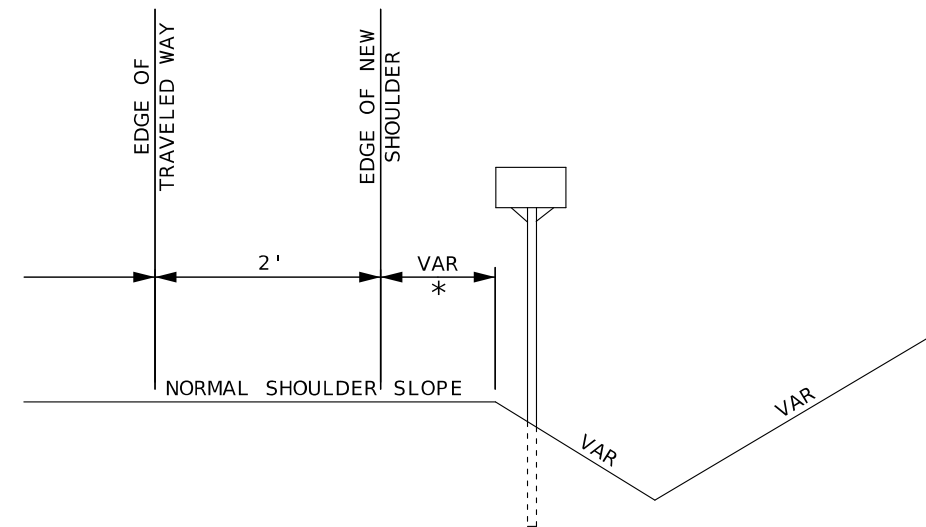


TYPICAL MAILBOX TURNOUT

* AS APPROVED BY THE ENGINEER



SECTION A-A
NO SHOULDER



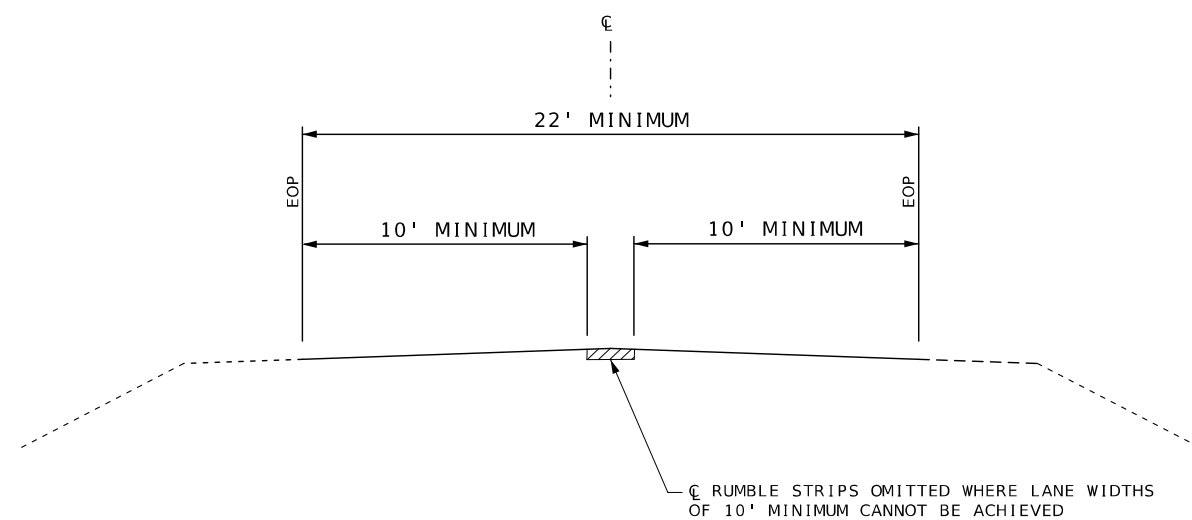
SECTION A-A
SHOULDER

TYPICAL SECTIONS
SHEET 11 OF 13

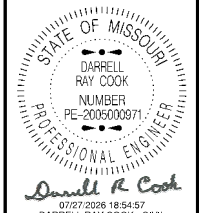
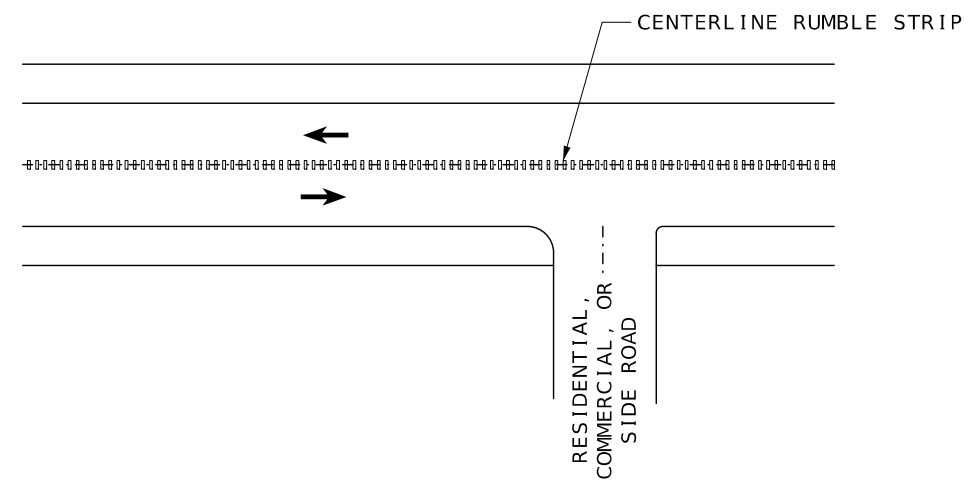


CENTERLINE RUMBLE STRIPS

AS APPROVED BY THE ENGINEER, A 6" MINI RUMBLE STRIP
MAY BE USED WHERE A 12" RUMBLE STRIP DOES NOT FIT.



INTERSECTION RUMBLE STRIP LAYOUT



DATE PREPARED 7/27/2026	
ROUTE 248	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY TANEY	
JOB NO. J7P3533B	
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BRIDGE NO.	

DESCRIPTION	DATE

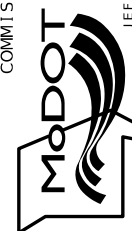
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



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

TYPICAL SECTIONS
SHEET 13 OF 13

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

BITUMINOUS PAVEMENT										
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	1.5" BP-2 1.995 TONS / CY	2" SP125C 2.000 TONS / CY	TACK		REMARKS
				LF	LF	TONS	TONS	0.08 GAL / SY	0.1 GAL / SY	
								GAL	GAL	
248	46.866	-	46.950	443.5	23.0	94.21			113.3	RTE 160 INTERSECTION
248	46.950	-	47.630	3590.4	23.0	762.71		734.0		
248	47.630	-	47.713	438.2	36.0	145.70		140.2		EMORY CREEK BLVD RT TURN LANE
248	47.713	-	47.731	95.0	29.5	25.88		24.9		EMORY CREEK BLVD RT TURN TAPER
248	47.731	-	49.339	8490.2	27.0	2117.24		2037.6		
248	49.339	-	49.496	829.0	40.0		307.04	294.8		SHLDRS/OZARK MOUNTAIN HIGH ROAD
248	49.496	-	49.581	448.8	VAR		343.98		380.0	BRIDGE EXCEPTION A5431,INCLUDES RAMPS TO RADII
248	49.646	-	49.724	411.8	VAR		336.93		303.2	RTE 76 / BRIDGE A5431
248	49.724	-	49.892	887.0	40.0		438.02	315.4		
248	49.892	-	49.907	79.2	29.5		28.84	20.8		
248	49.907	-	53.071	16705.9	23.0		4743.65	3415.4		
248	53.071	-	53.147	401.3	29.0		143.68	103.4		
248	53.147	-	53.340	1019.0	35.0		440.31	317.0		
248	53.340	-	53.386	242.9	29.0		86.96	62.6		
248	53.386	-	53.496	580.8	24.0		172.09	123.9		
248	53.496	-	53.523	142.6	24.0		43.10		38.0	SHEPHERD OF THE HILLS EXPRESSWAY
ENTRANCES AND IRREGULARITIES										
248	46.866	-	49.506			16.48		71.1		ENTRANCES
248	46.866	-	49.506			47.88		84.5		MAILBOX TURNOUTS
248	46.866	-	49.506			198.00				IRREGULARITIES (75 TONS/MILES)
248	49.742	-	53.534				39.98	71.1		ENTRANCES
248	49.742	-	53.534				48.33	84.5		MAILBOX TURNOUTS
248	49.742	-	53.534				284.40			IRREGULARITIES (75 TON/MILE)
					TOTAL	3408.10	7457.31	7745.6	834.5	
					USE	3408.1	7457.3	8580		
NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.										

PAVEMENT MARKING											
ROUTE	LOG MILE	TO	LOG MILE	CLASS 1, TYPE P BEADS				PREFORMED THERMOPLASTIC MARKING			REMARKS
				4" SOLID WHITE LF	4" INT YELLOW LF	4" DOUBLE SOLID YELLOW LF	4" SOLID YELLOW LF	24" SOLID YELLOW LF	24" SOLID WHITE LF	LEFT/RIGHT ARROW EA	
248	46.866	-	47.647	8247.4		8247.4					BEGIN PROJECT TO EMORY CREEK RT TURN LANE
248	47.647	-	47.713	697.0		697.0				2	EMORY CREEK RT TURN LANE/TAPER
248	47.713	-	49.496	18828.5		18828.5					RT TURN TAPER AT HIGHROAD
248	49.496	-	49.581	897.6		897.6	1099.3	21.0	43.9	2	THROUGH MILL/FILL SECTION, NORTH OF BRIDGE
248	49.581	-	49.742	1700.2		1700.2	931.2	21.7	38.4	5	THROUGH MILL/FILL SECTION, BRIDGE A5431 AND SOUTH OF BRIDGE
248	49.742	-	53.071	35154.2		35154.2					
248	53.071	-	53.119	506.9		506.9					
248	53.119	-	53.342	2344.3	580.8	2344.3				2	
248	53.342	-	53.386			464.6		54.0			
248	53.386	-	53.523	1446.7		1446.7					
TOTALS				69822.8	580.8	70287.4	2030.5	96.7	82.3	11	
USE				69823	72899			97	82	11	

GRAVEL (A) OR CRUSHED STONE (B)
4 TONS PER PRIVATE / 6 TONS PER COUNTY RD
212 TONS
41 PRIVATE/ 8 COUNTY RD

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

RUMBLE STRIPS						
ROUTE	LOG MILE	TO	LOG MILE	LENGTH	CENTERLINE RUMBLE STRIP STA	REMARKS
248	50.367	-	52.122	9266.40	92.70	
TOTALS					92.70	
USE					92.7	

PAVEMENT MARKING REMOVALS			
LOG MILE	LOG MILE	SYMBOLS EACH	REMARKS
47.647	47.713	2	EMORY CREEK
49.496	49.742	7	BR A5431
53.199	53.342	2	NEAR END OF PROJECT
		11	
		11	

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER
PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 18:54:57

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED
7/27/2026

ROUTE
248

DISTRICT
SW

STATE
MO

SHEET NO.
3

COUNTY
TANEY

JOB NO.
J7P3533B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

GUARDRAIL											
LOG MILE	LOG MILE	LENGTH (LF)	ROUTE	ONE STRAND CABLE ACCESS RESTRAINT (LF)	GUARDRAIL (MGS) (LF)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EA)	MGS END ANCHOR (EA)	BRIDGE END POST MODIFICATION (EA)	MGS BRIDGE APPROACH TRANSITION SECTION (EA)	SHAPING SLOPES CLASS III (100 FT)	REMARKS
49.579	49.600	111	248		50.0		1	1	1		BR A5431 25' RADIUS
49.640	49.660	106	248		75.0		1	1	1		BR A5431 25' RADIUS
51.705	51.762	301	248		250.0	2				1.6	
52.316	52.401	449	248		350.0	2				1.6	
52.708	52.790	433	248	433.0							GUARDCABLE
				TOTAL	433.0	4	2	2	2	3.2	
				USE	433	4	2	2	2	4	

BITUMINOUS FOG SEAL						
LOG MILE TO	LOG MILE	LOCATION	LENGTH (FT)	WIDTH (FT)	FOG SEAL 0.20 GAL/SY (GAL)	REMARKS
49.496	- 49.581	MO 248	897.6	8	159.6	FOG SEAL SHOULDER
49.646	- 49.724	MO 248	823.7	8	146.4	FOG SEAL SHOULDER
				TOTAL	306.0	
				USE	306	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACE (3 IN. THICK OR LESS)							
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	AREA	REMARKS
				LF	LF	SY	
248	46.894	-	46.922	143.0	VAR	388.8	BEGINNING OF PROJECT
248	49.496	-	49.581	VAR	VAR	2701.0	MILL/FILL SECTION N/O OF BRIDGE A5431
248	49.646	-	49.724	VAR	VAR	2061.0	MILL/FILL SECTION S/O OF BRIDGE A5431
TOTAL						5150.8	
USE						5151	

REMOVAL OF IMPROVEMENTS							
ROUTE	LOG MILE	TO	LOG MILE	LOCATION	DESCRIPTION	QUANTITY	REMARKS
248	49.579	-	49.600		GUARDRAIL	116.0'	BR A5431
248	49.640	-	0.341		GUARDRAIL	96.0'	BR A5431
248	51.778	-	51.778		GUARDRAIL	352.0'	
248	52.346	-	52.431		GUARDRAIL	447.0'	
248	52.276		52.812		GUARD CABLE	433.0'	
USE (LUMP SUM)						1	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)							
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	AREA SY	REMARKS
248	46.894	-	46.922	150.0	23.0	383.3	BEGINNING OF PROJECT
248	49.478	-	49.496	200.0	40.0	888.9	BR A5431
248	49.742	-	49.780	200.0	40.0	888.9	BR A5431
248	53.485	-	53.523	200.0	24.0	533.3	END OF PROJECT
TOTAL						2694.4	
USE						2694	

PERMANENT AGGREGATE EDGE TREATMENT						
ROUTE	LOG MILE	TO	LOG MILE	LENGTH	PERM AGG 200 TON/MILE*	PRIME MC 800 0.25 GAL/SY*
				MILES	TON	GAL
MO 248	46.922	-	49.468	2.546	509.20	1502.1
MO 248	49.724	-	53.523	3.799	759.80	2241.4
TOTALS					1269.00	3743.5
USE					1269.0	3744

*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 18:54:57

DARRELL RAY COOK - CIVIL

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DATE PREPARED

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ROUTE

248

DISTRICT

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DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

SIGN	SIZE	AREA	QTY	TOTAL AREA	QTY	TOTAL RELOC	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	TOTAL	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025	
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.	IN.		SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.	NUMBER	QTY		DESCRIPTION			
WARNING SIGNS									GUIDE SIGNS												
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	2	16.00				END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75	2	17.50				PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50	5	7.50				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	4	24.00				WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122040		WORK ZONE CRASH CUSHION (NARROW)	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6122041		WORK ZONE CRASH CUSHION (RELOCATION)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6123001	1	TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161012		BUOYS (BOATS KEEP OUT)	
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161013		BUOYS (NO WAKE)	
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161020		CHANNELIZER (DRUM-LIKE)	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161022		CHANNELIZER (CONE)	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161025	100	CHANNELIZER (TRIM-LINE)	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161026		CHANNELIZER (VERTICAL PANEL)	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161030		TYPE 3 MOVEABLE BARRICADE	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	6	72.00				SPEED LIMIT XX	6161033		DIRECTION INDICATOR BARRICADE	
WO3-4	48X48	16.00	5	80.00				BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161040	1	FLASHING ARROW PANEL	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161070		TUBULAR MARKER	
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6161095		RADAR SPEED ADVISORY SYSTEM	
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO5-1	48X48	16.00	2	32.00				ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE			CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)			WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162000A		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6162002		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED	
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)			TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED	
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6173700B		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED	6173706		RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE			RELOCATING TEMP. TRAFFIC BARRIER ANCHORED	
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6174000A		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS	
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	6175010A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT	
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED	6175011B		TEMPORARY RAISED PAVEMENT MARKER	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD	6175013		TEMPORARY TRAFFIC SIGNALS	
WO8-9	48X48	16.00						LOW SHOULDER	R11-4	60X30	12.50						LOCAL TRAFFIC ONLY	6175020A		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-11	48X48	16.00	14	224.00				UNEVEN LANES	CONST-3A	60X48	20.00						FINE SIGN	9029400			
WO8-12	48X48	16.00	8	128.00				NO CENTER LINE	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)	9029401			
WO8-15	48X48	16.00						GROOVED PAVEMENT	MISCELLANEOUS SIGNS												
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-5	48X36	12.00						POINT OF PRESENCE				
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	96X48	32.00	2	64.00				POINT OF PRESENCE				
WO8-17R	48X48	16.00	2	32.00				SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE				
WO8-17P	30X24	5.00	2	10.00				SHOULDER DROP-OFF (PLAQUE)													
WO10-1	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													



START OF PROJECT
LM 46.866

START OF 150'
DEPTH TRANSITION
LM 46.894

END OF 150'
DEPTH TRANSITION
LM 46.922

1.5" BP-2 OVERLAY
CONTINUES UNTIL
DEPTH TRANSITION
BEFORE A5431
AT LM 49.468

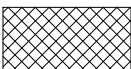
LEGEND



1.5" BP-2 M/F



1.5" BP-2



DEPTH TRANSITION (BP-2)

NOT TO SCALE

BEGINNING OF PROJECT

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 18:54:57

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/27/2026

ROUTE

248

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SHEET NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



LEGEND

1.5" BP-2

MILL AND FILL (SP125C)

DEPTH TRANSITION (SP125C)

2" SP125C

NOT TO SCALE



1.5" BP-2 OVERLAY
CONTINUES BACK UNTIL
END OF
DEPTH TRANSITION
LM 46.950

200' DEPTH TRANSITION
BEFORE BRIDGE A5431
LM 49.468 TO 49.506

2"SP125C MILL AND FILL
AROUND ISLAND
LM 49.506 TO LM 49.581

BRIDGE A5431
EXEMPTION
LM 49.581 TO LM 49.646

2"SP125C MILL AND FILL
AROUND ISLAND
LM 49.646 TO LM 49.724

200' DEPTH TRANSITION
AFTER BRIDGE A5431
LM 49.724 TO 49.762

2" SP125C OVERLAY
CONTINUES UNTIL
DEPTH TRANSITION
BEFORE END OF
PROJECT AT
LM 53.485

BRIDGE A5431

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER
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PROFESSIONAL ENGINEER

Darrell R Cook

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DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED
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ROUTE
248

STATE
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SHEET NO.
5

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CONTRACT ID.

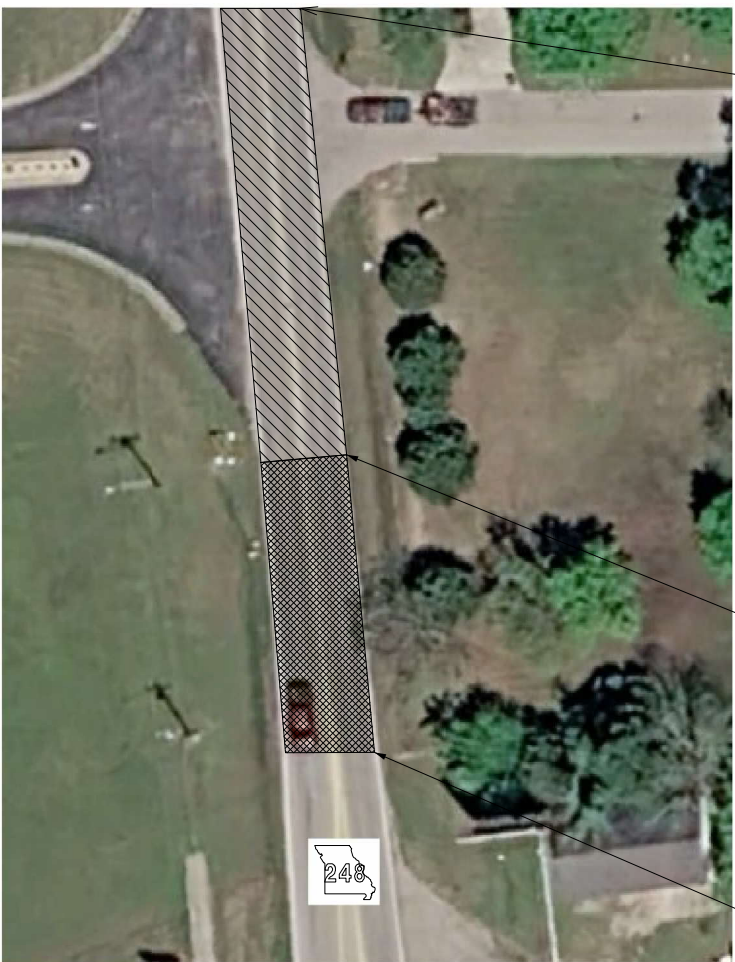
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



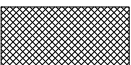
2" SP125C OVERLAY
CONTINUES BACK
UNTIL THE END OF
DEPTH TRANSITION
LM 49.762

200' DEPTH TRANSITION
LM 53.485

END OF PROJECT
LM 53.523

END OF PROJECT

LEGEND



DEPTH TRANSITION (SP125C)



2" SP125C

NOT TO SCALE

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER
PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 18:54:57

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED
7/27/2026

ROUTE
248

STATE
MO

DISTRICT
SW

SHEET NO.
6

COUNTY
TANEY

JOB NO.
J7P3533B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



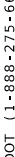
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

STATE OF MISSOURI
 DARRELL
 RAY COOK
 NUMBER
 PE-2005000971
 PROFESSIONAL ENGINEER
 07/27/2026 18:54:57
 DARRELL RAY COOK - CIVIL

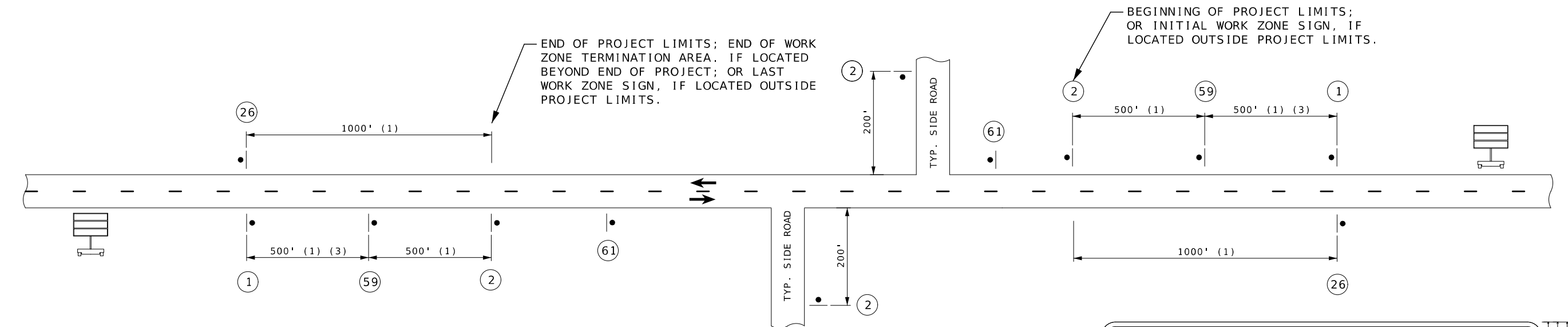
DATE PREPARED	
7/27/2026	
ROUTE	STATE
248	MO
DISTRICT	SHEET NO.
SW	7
COUNTY	
TANEY	
JOB NO.	
J7P3533B	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

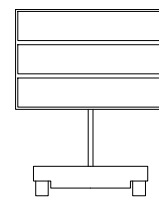
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



(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

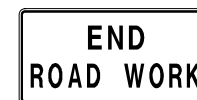


WORK ZONE
NO PHONE
ZONE

(59) (3)



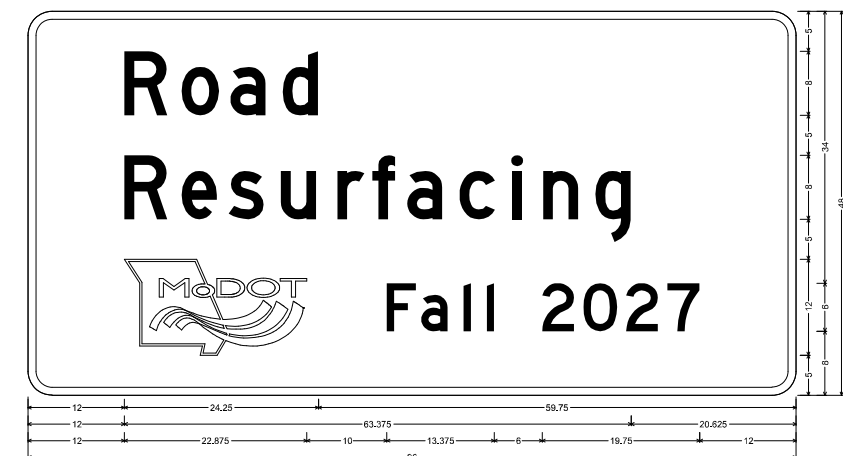
① (5)



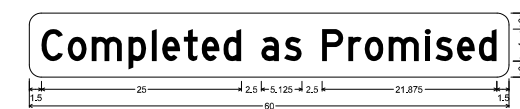
(26) (5)



②



(61) (2)



TRAFFIC CONTROL
SHEET 1 OF 7

CONST=5 SHARP SHEET;
3,000 Radius, 1,000 Border, White on, Green;
"Road", D; "Resurfacing", D; "Fall 2027";
Table of letter and object lists

R	a	a	d	
12,000	19,125	25,250	31,875	
e	g	f	a	c
12,000	19,125	25,000	31,625	38,000
			43,000	47,375
			53,875	60,500
			64,375	70,625
	44,875	49,125	54,500	57,375
	62,250	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% spading;
Table of letter and object lifts

C	L	5	o	m	p	l	i	s	e	t	19.375	e	d	a	s
1	5,000	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	t	a	s				
		36,625	39,875	41,875	44,875	49,500	50,750	53,500	56,250						

REVISÉD: 4/2/2026



WO20 - 1

2



WO20 - 4

7



WO20-7a

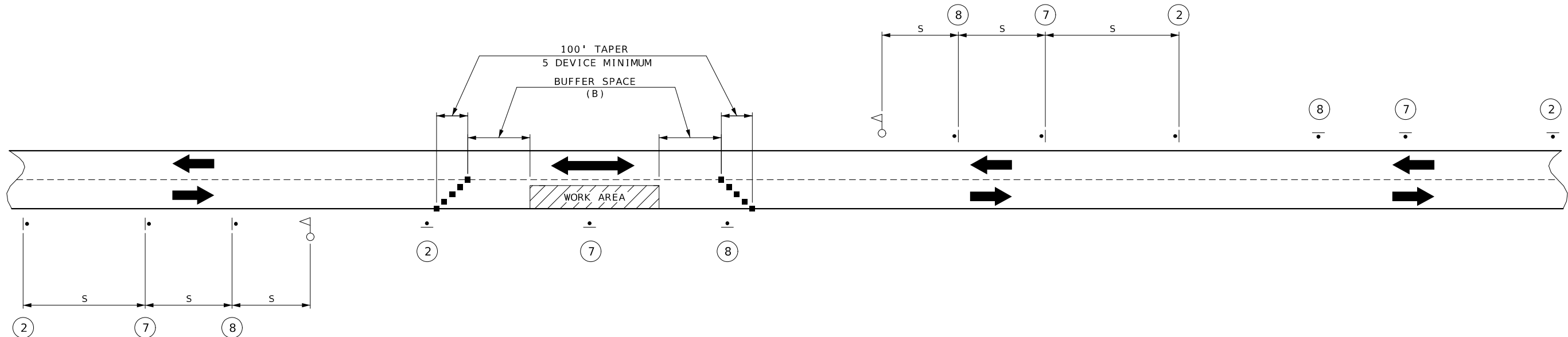
8



GO20 - 4

57

SIGN 57, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



SET 1

ACTIVE

SET 2

INACTIVE

SET 3

ACTIVE

SET 4

INACTIVE

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

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

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

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

• SIGN (SINGLE SIDED)

 F L A G G E R

■ CHANNELIZER

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

SPACING NOTES:

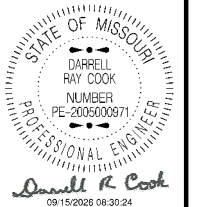
- (1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

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

MOVING FLAGGER OPERATION (UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 7



DATE PREPARED

/10/2026

ROUTE	STATE
248	MO

DISTRICT	SHEET NO
SW	8

COUNTY

TANEY

JOB NO.
7P3533B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SIDE ROADS ENTERING WORK ZONES

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

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

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

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

● SIGN (SINGLE SIDED)

◁ FLAGGER

■ CHANNELIZER

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



GO20-4a
(58)

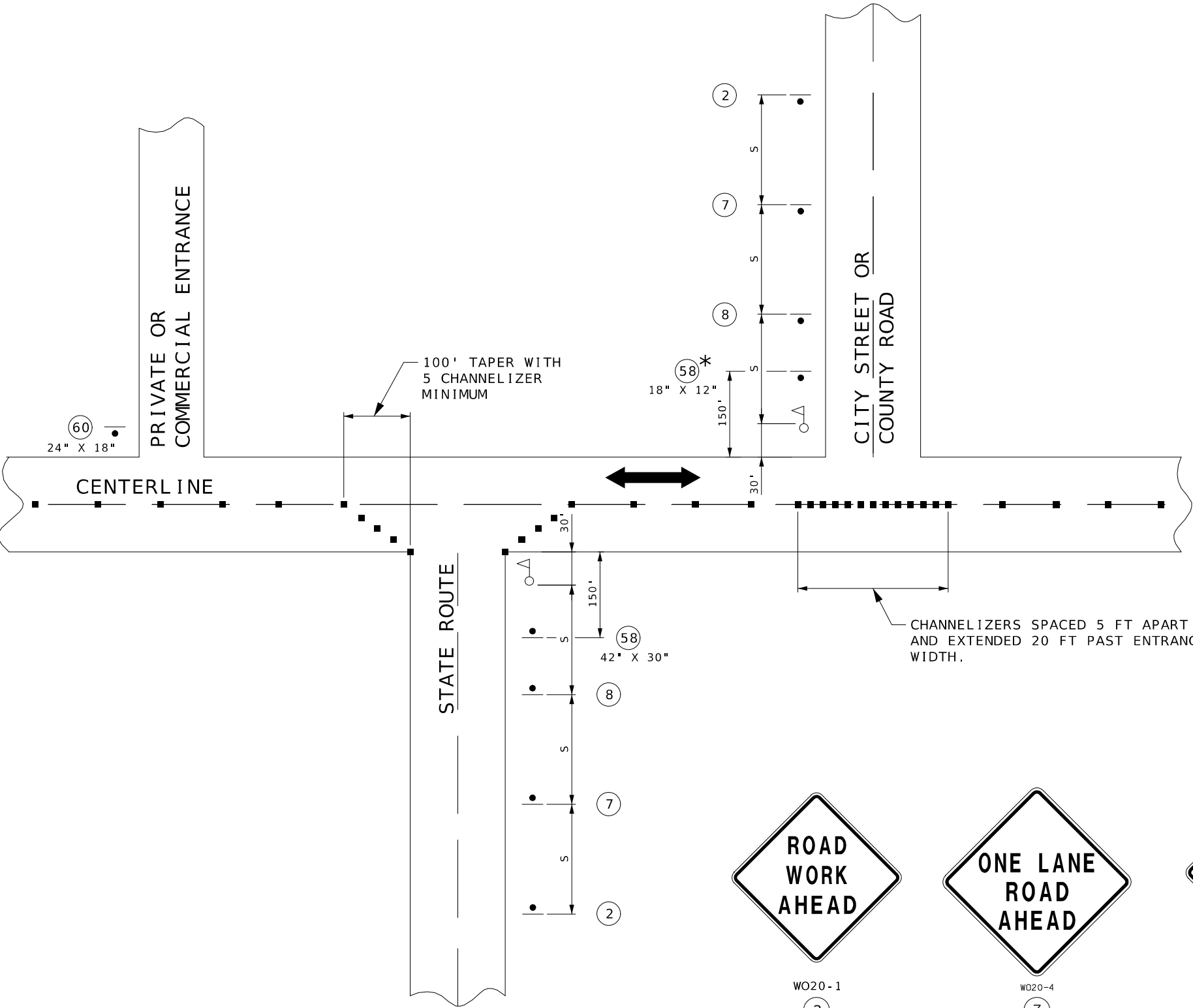
SHALL BE USED ON ALL INTERSECTIONS.

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



24" X 18"
(60)

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



WO20-1
(2)

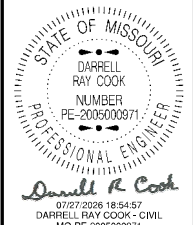


WO20-4
(7)



WO20-7a
(8)

NOT TO SCALE



DATE PREPARED
7/27/2026

ROUTE 248	STATE MO
DISTRICT SW	SHEET NO. 9

COUNTY
TANEY

JOB NO.
J7P3533B

CONTRACT ID.

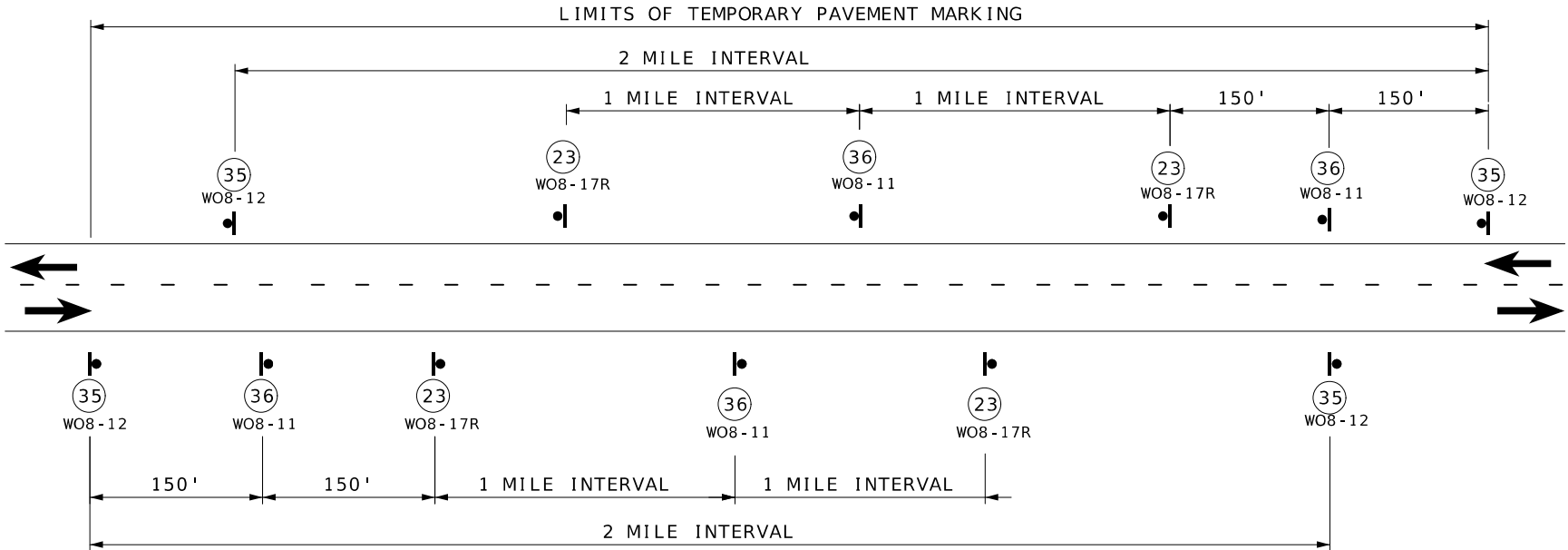
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

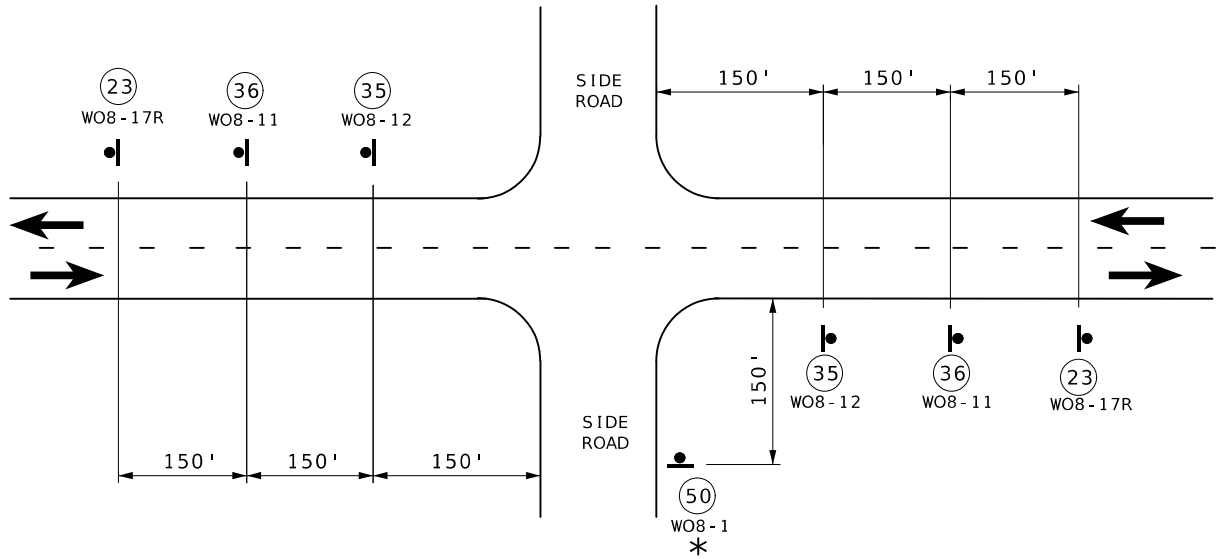
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SIGN SPACING FOR MAINLINE

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



SIGN SPACING AT STATE ROUTE INTERSECTIONS

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



WO8-17R
WO8-17p

(23)



WO8-1
(50) *



WO8-11

(36)



WO8-12

(35)

GENERAL NOTES:

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

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

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

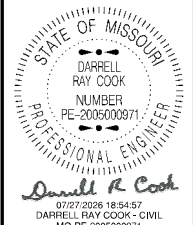
ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE
WITH STANDARD PLAN 616.10 AND 903.03.

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

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 7



DATE PREPARED 7/27/2026	
ROUTE 248	STATE MO
DISTRICT SW	SHEET NO. 10
COUNTY TANEY	
JOB NO. J7P3533B	
CONTRACT ID.	

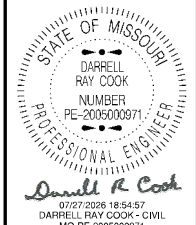
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

REVISÉD: 2/19/2026



DATE PREPARED

7/27/2026

ROUTE	STATE
248	MO

DISTRICT	SHEET NO.
SW	11

COUNTY

TANEY

JOB NO.
J7P3533B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

NOTES :

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

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

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

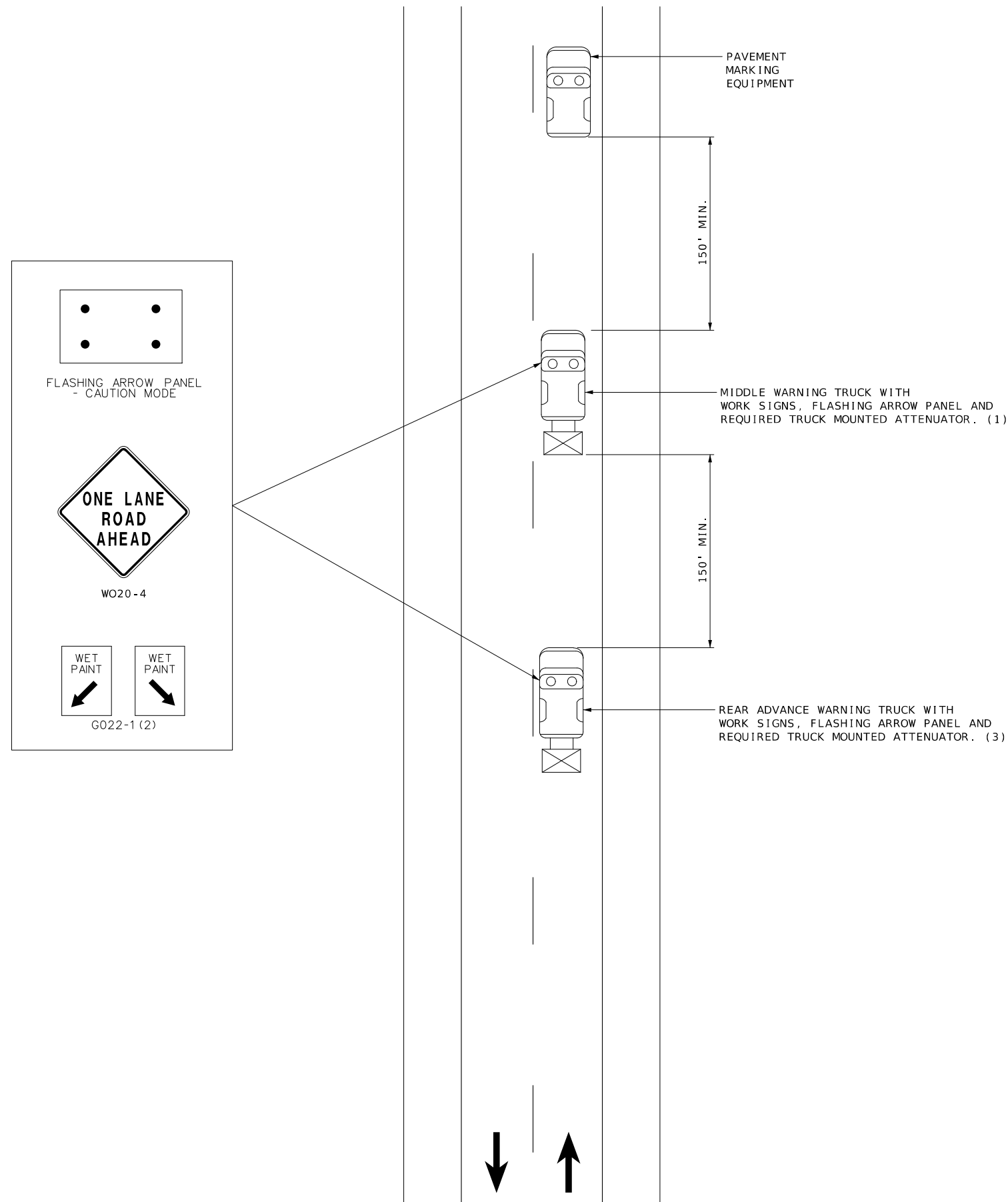
VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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

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

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

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



PAVEMENT MARKING ON TWO-LANE HIGHWAY

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 7

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

NOTES:

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



WO20-1
2



WO21-5
21



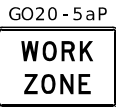
WO5-1



WO7-3a

43 *

* OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.



R2-1
54
4

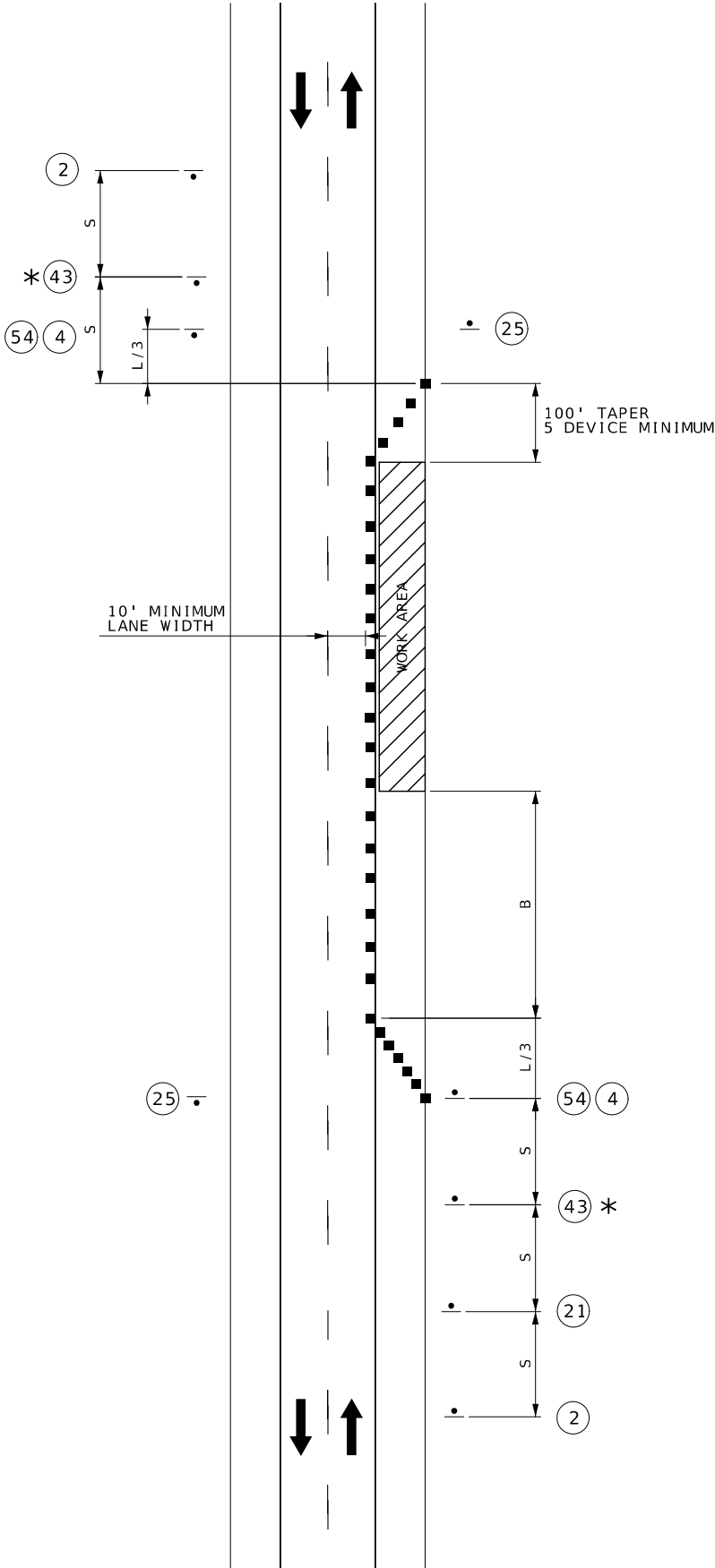


R2-1
25
(NORMAL SPEED)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER

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



REVISED: 2/19/2026



DATE PREPARED 7/27/2026	
ROUTE 248	STATE MO
DISTRICT SW	SHEET NO. 12
COUNTY TANEY	
JOB NO. J7P3533B	
CONTRACT ID.	

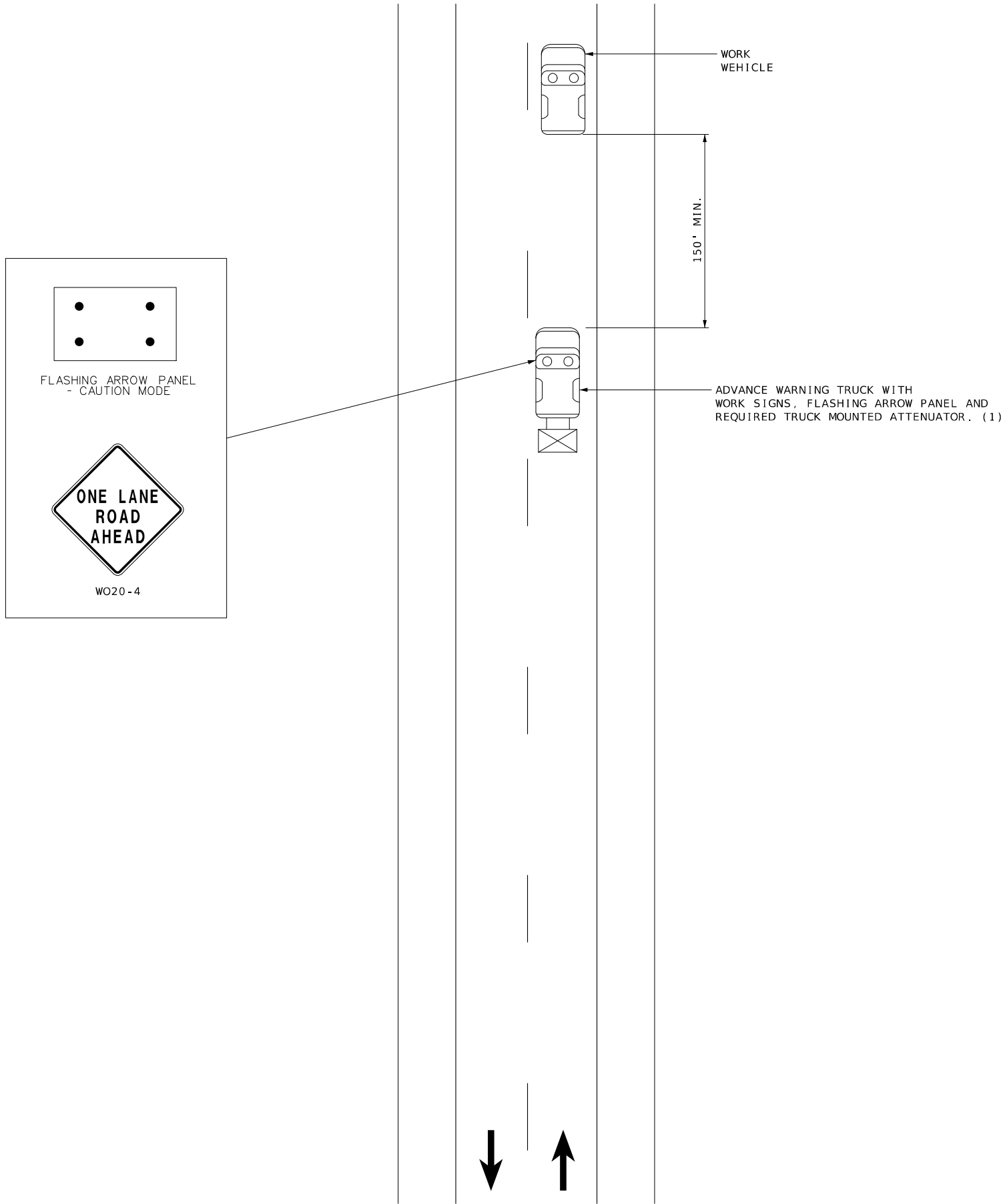
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

NOT TO SCALE



NOTES:

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

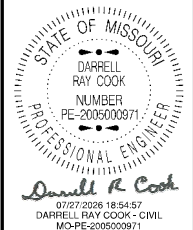
PROTECTIVE TRUCKS AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

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

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

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

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



DATE PREPARED 7/27/2026	
ROUTE 248	STATE MO
DISTRICT SW	SHEET NO. 13
COUNTY TANEY	
JOB NO. J7P3533B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

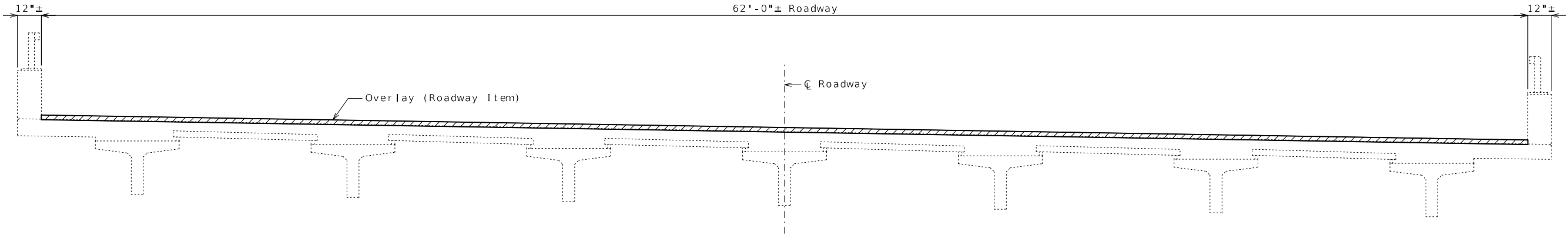
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MOBILE OPERATION ON TWO-LANE HIGHWAY

U.I.P. AND REHABILITATE EXISTING (110'-110') PRESTRESSED CONCRETE BULB-TEE GIRDER SPANS



TYPICAL SECTION THRU EXISTING DECK

Estimated Quantities		
Item		Total
Barrier End Modification	each	2

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Unit Stresses:
Class B-1 Concrete $f'c = 4,000$ psi
Reinforcing Steel (Grade 60) $fy = 60,000$ psi

Reinforcing Steel:
Class B-1 Concrete $f'c = 4,000$ psi
Reinforcing Steel (Grade 60) $fy = 60,000$ psi

Miscellaneous:
One lane of traffic shall remain open during construction. See roadway plans for traffic control.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise shown.

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

All reinforcement in barrier end modification shall be epoxy coated.

Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, existing bars shall extend into new concrete at least 40 diameters for plain bars and 30 diameters for deformed bars, unless otherwise noted.

The area exposed by the removal of concrete and not covered with new concrete shall be coated with a qualified special motor in accordance with Sec 704.

Cost of removing existing barrier concrete, and cost of furnishing and installing new concrete, new reinforcing steel, and other work incidental to the barrier end completely covered by the contract unit price for Barrier End Modification.

REPAIRS TO BRIDGE: ROUTE 248
OVER ROUTE 76

ROUTE 248 FROM ROUTE 160 TO ROUTE 65
ABOUT 2.7 MILES SOUTH OF ROUTE 160
BEGINNING STATION 248+22.20± (Match Existing)

STATE OF MISSOURI

TED S. KOESTER

NUMBER

PE-2013000591

PROFESSIONAL ENGINEER

Ted Koester

07/28/2026 11:26:55 AM

TED S. KOESTER - CIVIL

MO-PE-2013000591

DATE PREPARED

7/28/2026

ROUTE

248

DISTRICT

BR

STATE

MO

SHEET NO.

1

COUNTY

TANEY

JOB NO.

J7P3533B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

A54311

DESCRIPTION

DATE

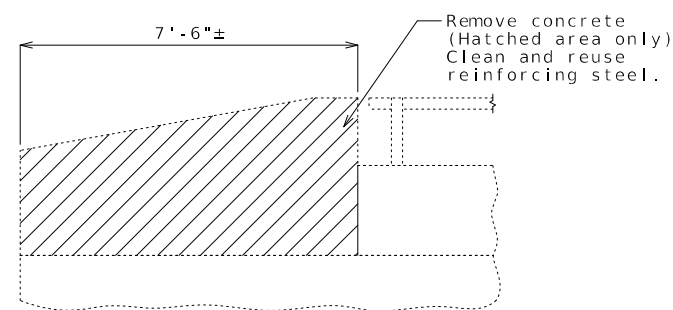
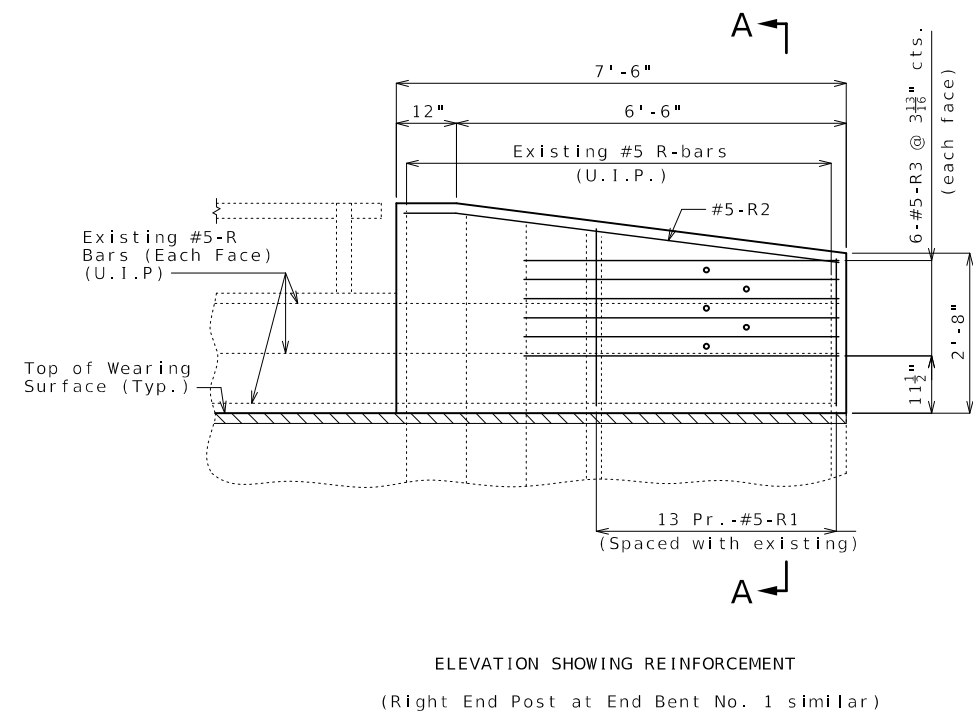
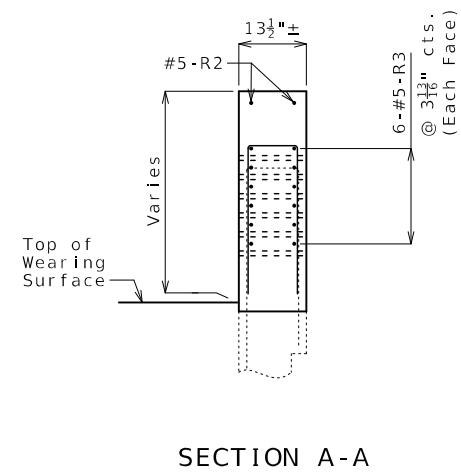
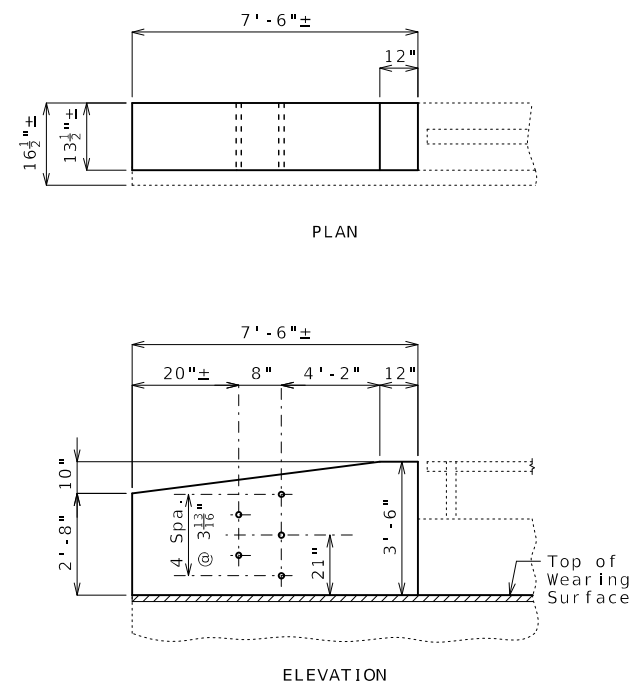
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

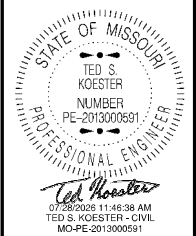
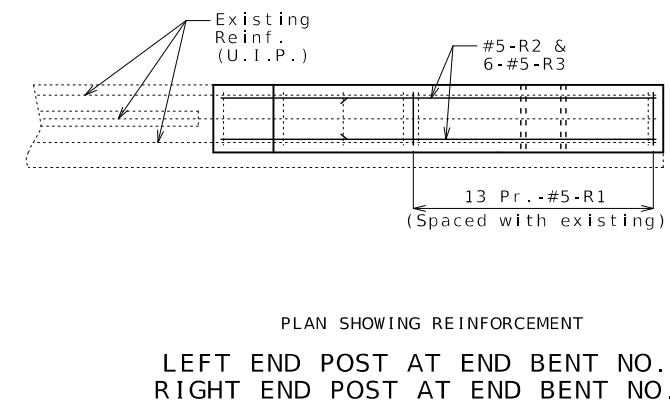
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)



Cost of removing existing end posts will be considered completely covered by the contract unit price for Curb Blockout.



DATE PREPARED	
7/28/2026	
ROUTE	STATE
248	MO
DISTRICT	SHEET NO.
BR	2
COUNTY	
TANEY	
JOB NO.	
J7P3533B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
A54311	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

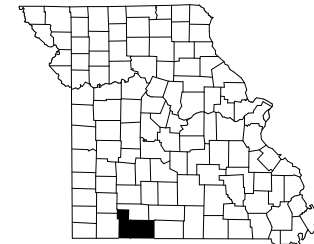
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

A.A.D.T. - 2027 = 3531
A.A.D.T. - 2037 = 3982
DHV = 8.97%
D = 50.0%/50.0%
T = 15.60%
V = 50.55 MPH

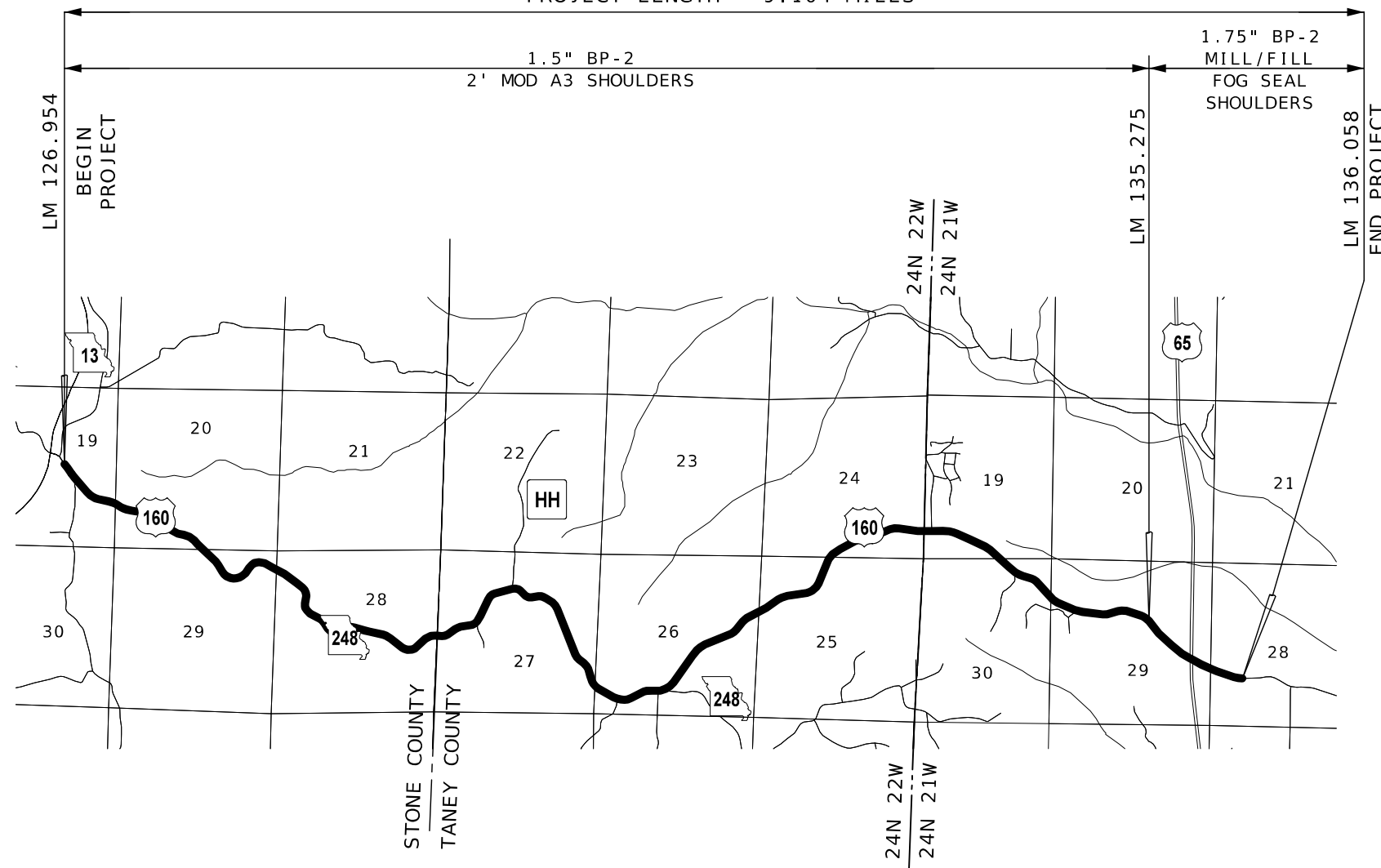
NO NEW R/W REQUIRED

	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 —	— V —
WOVEN WIRE	— X —	— X —
GATE POST		
BENCHMARK	BM 	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
STONE/TANEY COUNTY



PROJECT LIMITS - J7P3533C
PROJECT LENGTH - 9.104 MILES



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

DESCRIPTION	NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (7 SHEETS)---	2
QUANTITIES (QU) (3 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-8
TRAFFIC CONTROL SHEETS (TC)-----	9-16
SIGNING (SN)-----	17

STATE OF MISSOURI
DARRELL RAY COOK
NUMBER
PE-2005000871
PROFESSIONAL ENGINEER
09/15/2026 07:44:21
DARRELL RAY COOK - CIVIL

DATE PREPARED

8 / 10 / 2026

ROUTE	STATE
-------	-------

160	MO
-----	----

DISTRICT	SHEET NO.
Chh	1

SW	1
----	---

COUNTY
STONE (TANES)

STONE / TANE

JOB NO.
17D3E33C

57F5555C
CONTRACT ID

CONCLUSIONS

PROJECT NO. _____

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

LOG MILES FROM 2022 ARAN

BEGINNING OF PROJECT	LM.	126.954
----------------------	-----	---------

END OF PROJECT	LM. 136.058
----------------	-------------

APPARENT LENGTH	48069.12 FEET
-----------------	---------------

EQUATIONS AND EXCEPTIONS:
NONE

TOTAL CORRECTIONS	0.000	FEET
-------------------	-------	------

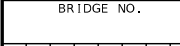
NET LENGTH OF PROJECT	48069.12	FEET
-----------------------	----------	------

STATE LENGTH	9.104	MILES
--------------	-------	-------

FOR INFORMATION ONLY		
ESTIMATED DISTURBED ACRES	2.5	ACRES

NO S.E. CORRECTION

IRREGULARITIES: 75 TONS/MI



TOL	
102	
86)	
ON	

TATI

WEST
TAY, M
88-27105 W
N CIT
/ 1 - 88

PERSON
DOT

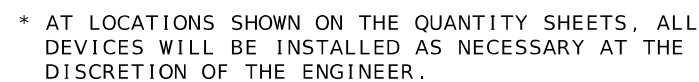
ASTM

Highway Communications

DEPARTMENT OF HEALTH AND HUMAN SERVICES



Page 10 of 10



TYPICAL SECTIONS
SHEET 1 OF 7

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

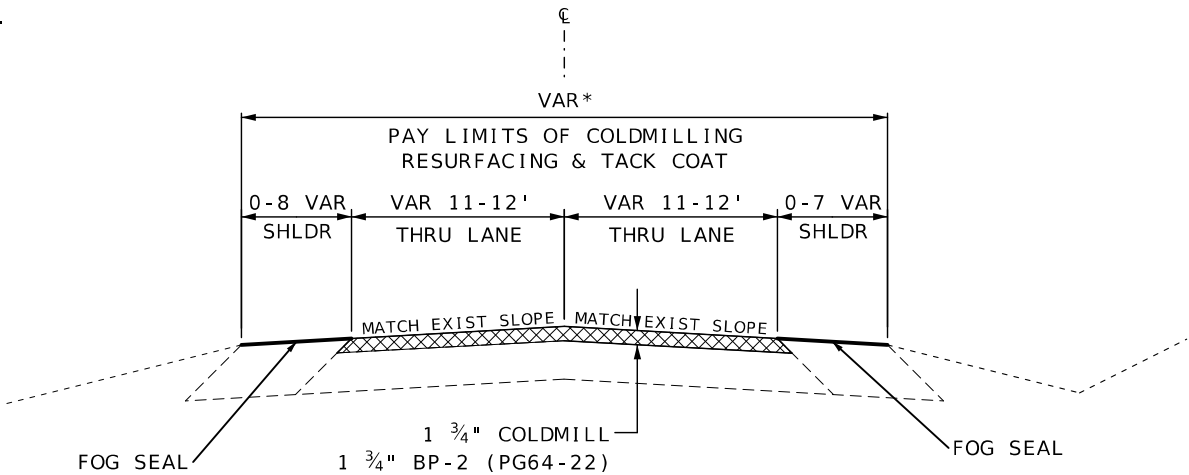
NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL
COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE
TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO
ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

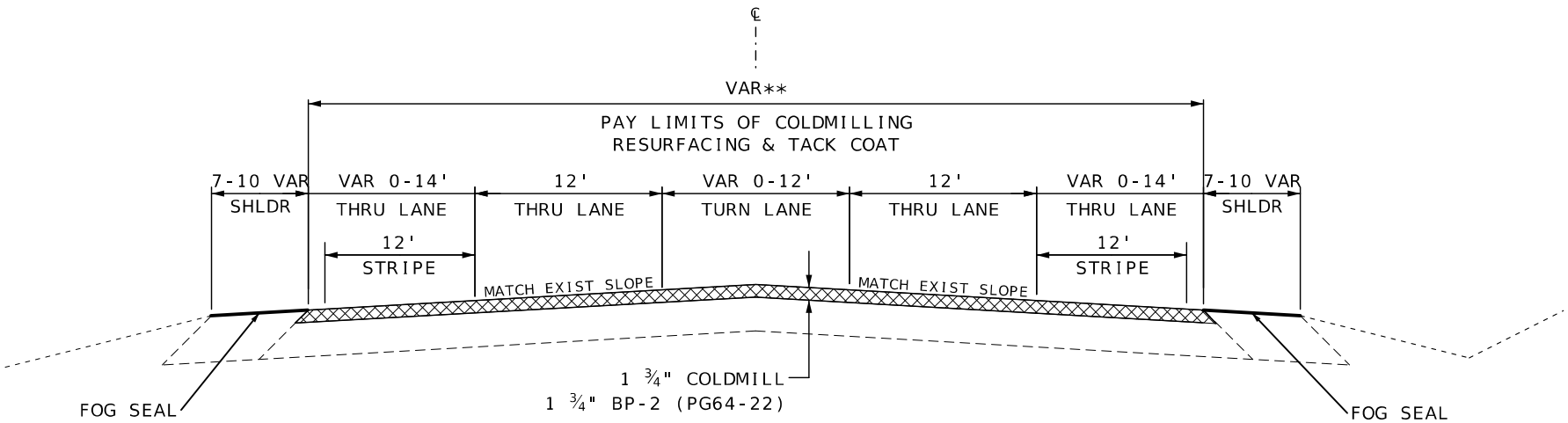
NO S.E. CORRECTION

REVISED: 1/4/2024

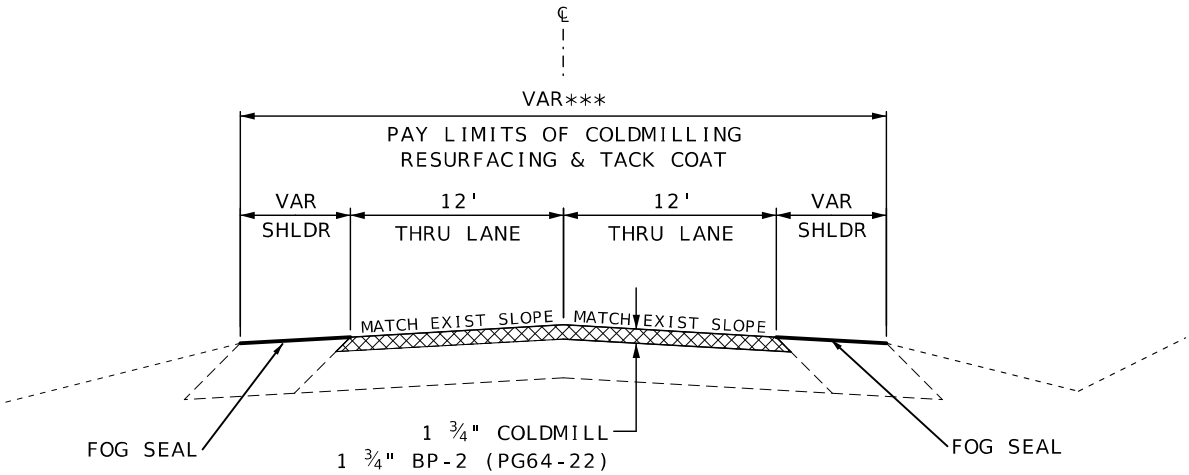
ASPHALT FACTORS	
COMBINED FACTOR	
BP-2 (PG64-22)	1.995 TONS/CY
TACK COAT	
COLDMILLING	0.10 GAL/SY
FOG SEAL	0.10 GAL/SY
IRREGULARITIES: 75 TONS/MI	



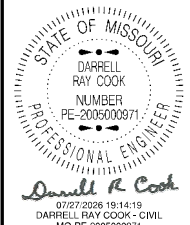
ROUTE 160
LOG MILE 135.275 TO LOG MILE 135.492
* TRANSITION ROADWAY WIDTH FROM 24' TO 39'



ROUTE 160
LOG MILE 135.492 TO LOG MILE 135.936
**TRANSITION ROADWAY WIDTH FROM 39' TO 78'



ROUTE 160
LOG MILE 135.936 TO LOG MILE 136.058
***TRANSITION ROADWAY WIDTH FROM 66' TO 29'



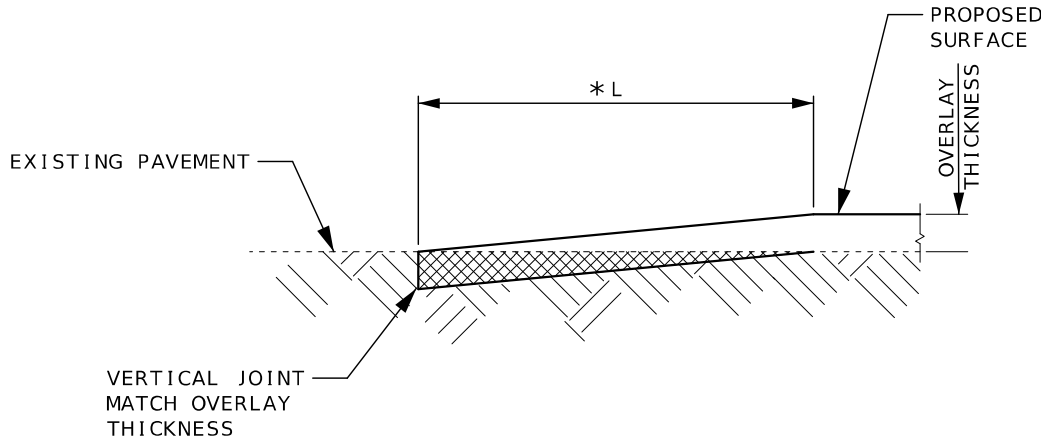
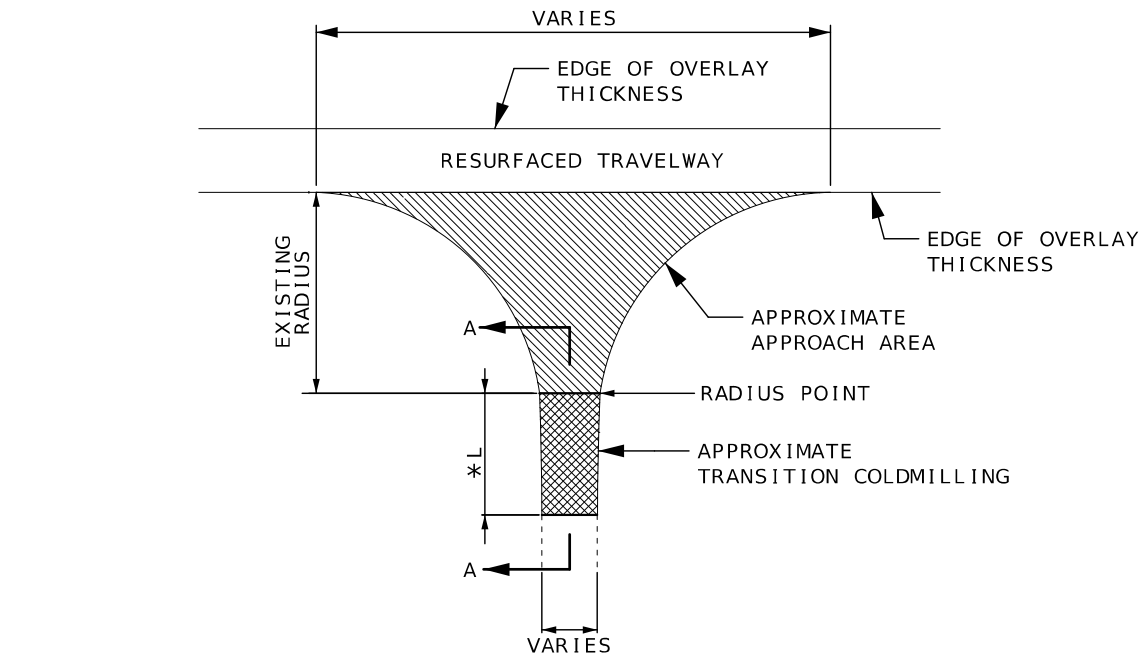
DATE PREPARED 7/27/2026	
ROUTE 160	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY STONE	
JOB NO. J7P3533C	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

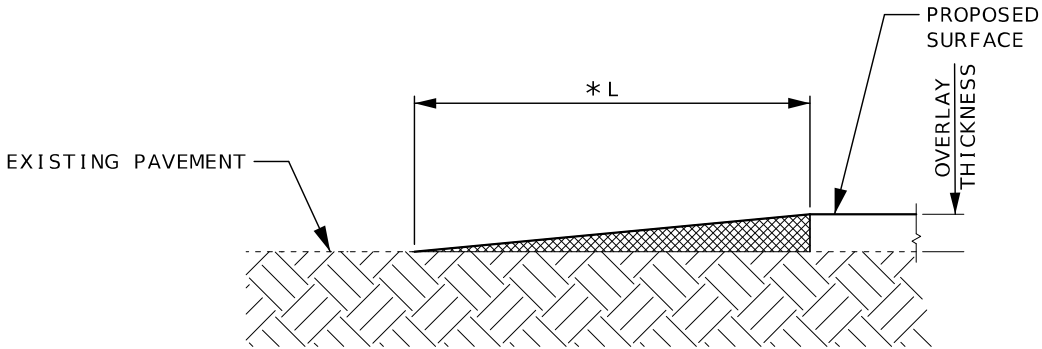
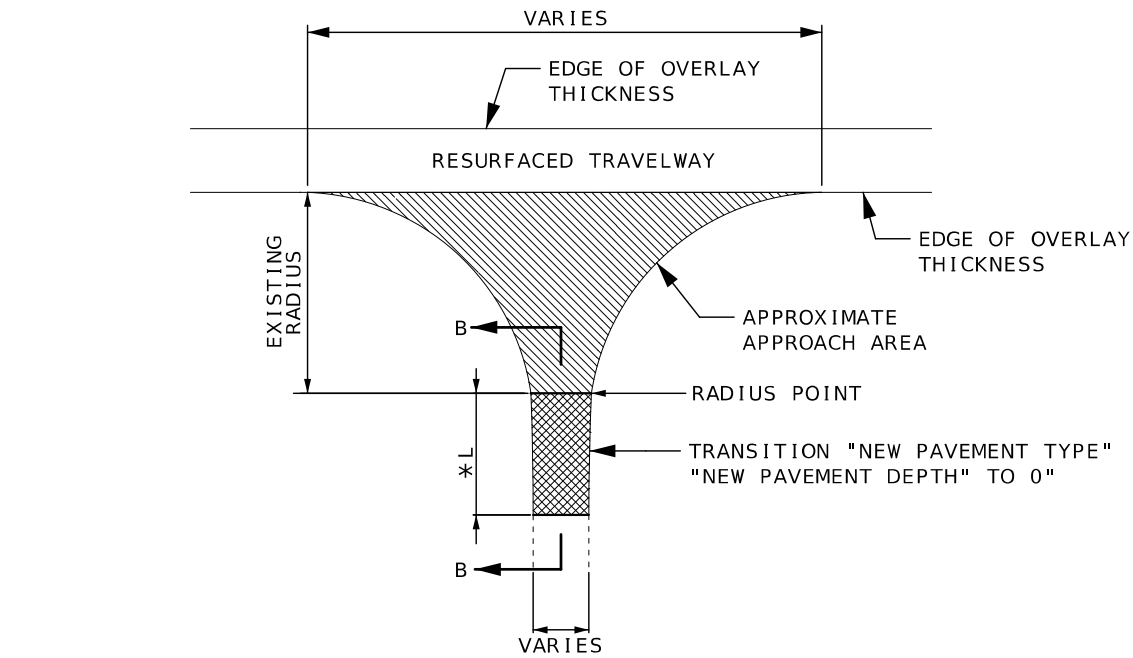


SECTION A-A

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

* TRANSITION LENGTHS

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



SECTION B-B

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

* TRANSITION LENGTHS

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

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 19:14:19

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/27/2026

ROUTE

160

STATE

MO

DISTRICT

SW

SHEET NO.

2

COUNTY

STONE

JOB NO.

J7P3533C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

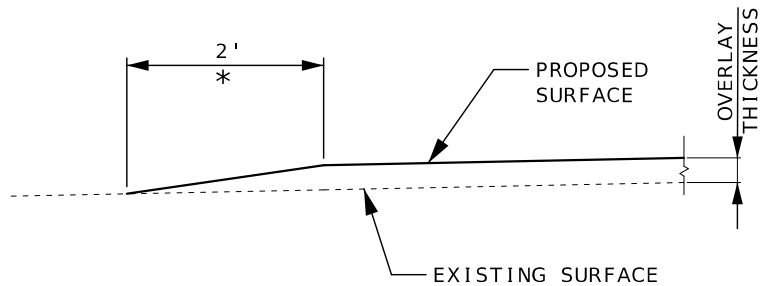
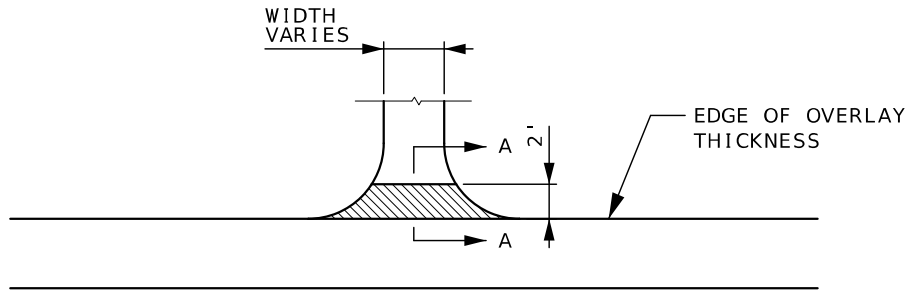
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

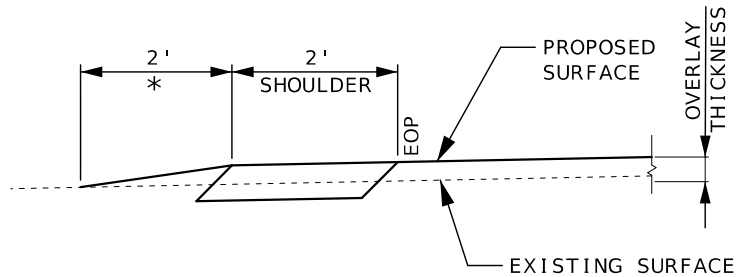
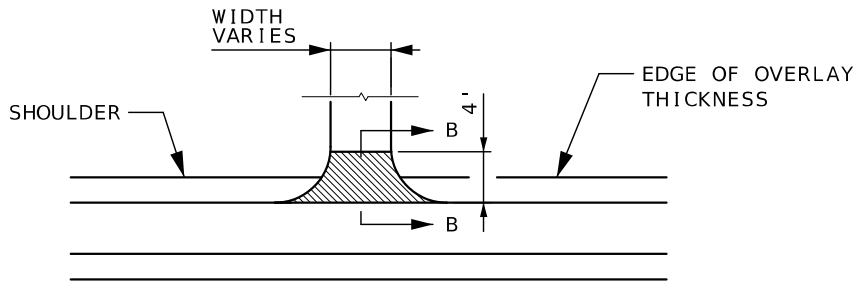
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

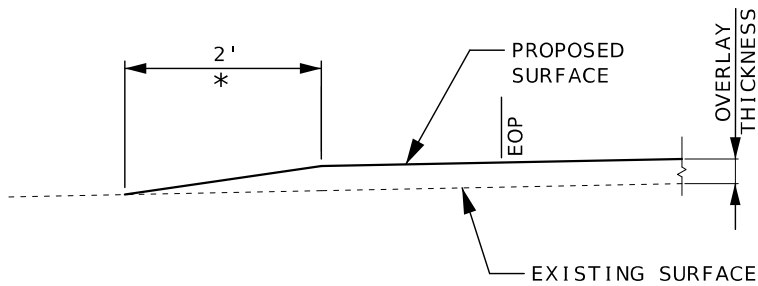


SECTION A-A
TYPICAL ENTRANCE - NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

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



AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

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

NOTES: DO NOT BUILD 2' MODIFIED A3 SHOULDERS
ACROSS CONCRETE OR ASPHALT ENTRANCES,
STREETS OR ROADS.
4 TONS GRAVEL A OR CRUSHED STONE B
CALCULATED PER ENTRANCE.
6 TONS CALCULATED PER COUNTY ROAD.



DATE PREPARED
7/27/2026
ROUTE 160 STATE MO
DISTRICT SW SHEET NO. 2
COUNTY
STONE
JOB NO.
J7P3533C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

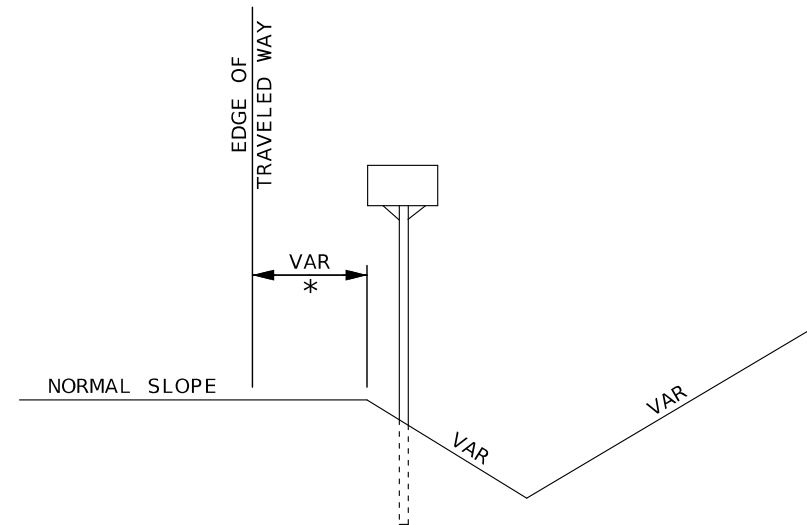
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

STATE OF MISSOURI
DARRELL RAY COOK
NUMBER
PE-2005000971
PROFESSIONAL ENGINEER
Darrell R Cook
07/27/2026 19:14:19
DARRELL RAY COOK - CIVIL

TYPICAL MAILBOX TURNOUT

The diagram illustrates the placement of a mailbox on a road shoulder. Key features include:

- Horizontal Dimensions:**
 - VAR : Variable distance from the left edge of the traveled way to the mailbox.
 - VAR : Variable distance from the mailbox to the right edge of the traveled way.
 - VAR : Variable distance from the right edge of the traveled way to the right edge of the shoulder.
 - VAR : Variable distance from the mailbox to the right edge of the shoulder.
- Vertical Dimensions:**
 - $\text{VAR} \times$: Variable distance from the edge of the traveled way to the top of the mailbox.
- Labels and Lines:**
 - EDGE OF TRAVELED WAY:** The bottom horizontal line.
 - EDGE OF SURFACING:** The top horizontal line of the shoulder.
 - NORMAL SHOULDER LINE:** The dashed line representing the shoulder's edge.
 - MAILBOX LOCATION:** The rectangular mailbox.
 - ADD 2' FOR EACH ADDITIONAL MAILBOX:** Text indicating the required offset for multiple mailboxes.
 - A:** A point or offset indicator.



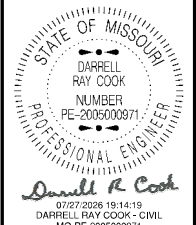
DATE PREPARED	
7/27/2026	
ROUTE	STATE
160	MO
DISTRICT	SHEET NO.
SW	2
COUNTY	
STONE	
JOB NO.	
J7P5333C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



DATE PREPARED

7/27/2026

ROUTE	STATE
160	MO

DISTRICT	SHEET NO
SW	2

COUNTY
STONE

JOB NO.
J7P3533C

CONTRACT ID.

PROJECT NO.

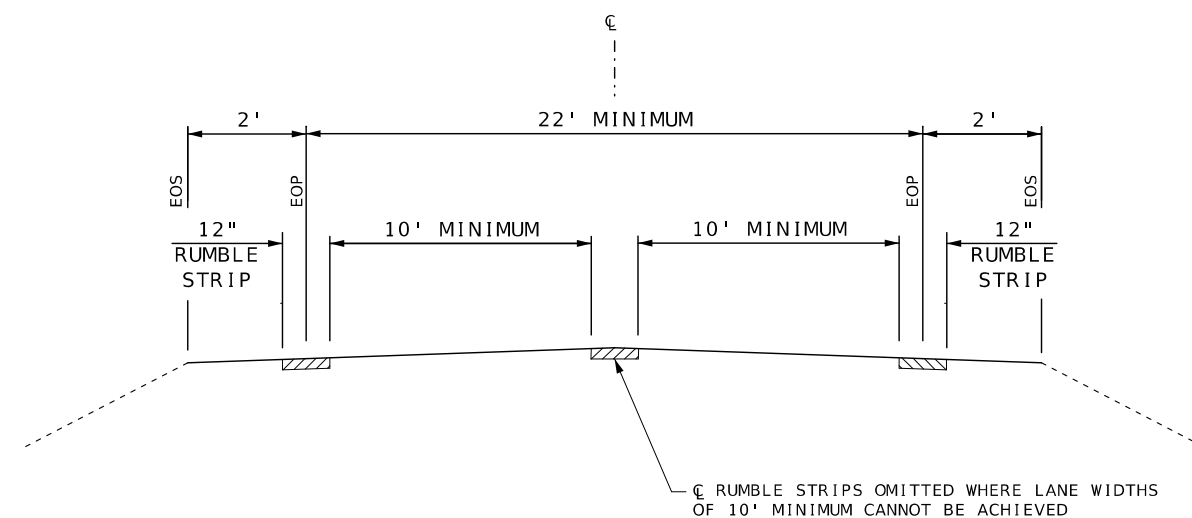
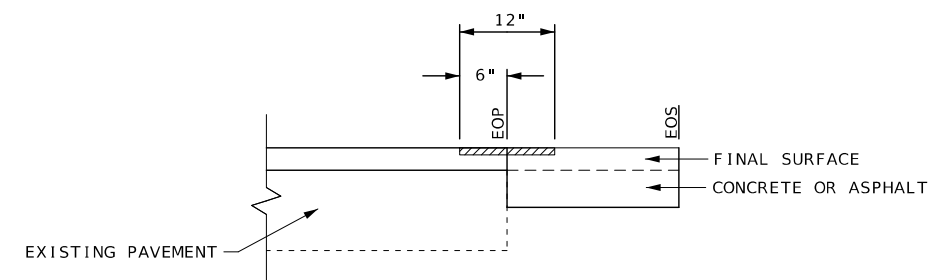
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

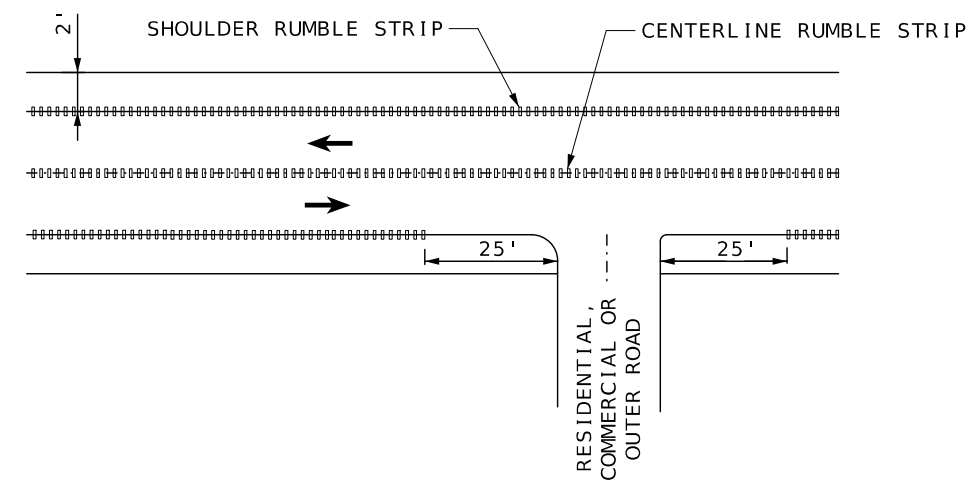
RUMBLE STRIPS FOR 2' MODIFIED A3 SHOULDERS

AS APPROVED BY THE ENGINEER, A 6" MINI RUMBLE STRIP
MAY BE USED WHERE A 12" RUMBLE STRIP DOES NOT FIT.

RUMBLE STRIP DETAILS



INTERSECTION RUMBLE STRIP LAYOUT



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

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	AREA	REMARKS
				LF	LF	SY	
160	135.275	-	136.025	290.40	VAR	28,559.89	MILL AND FILL
160	136.025	-	136.058	174.24	24.00	464.64	END PROJECT
						0.00	
						0.00	
TOTAL						29,024.53	
USE						29,025.00	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	AREA	REMARKS
				LF	LF	SY	
160	126.954		126.982	147.8	24.0	394.1	BEGINNING PROJECT
HH	0.015	-	0.023	150.0	VAR.	97.4	ROUTE 160 - 130.773 LM
TOTAL						491.5	
USE						492	

PAVEMENT MARKING

ROUTE	LOG MILE	TO	LOG MILE	CLASS 1 PAVEMENT MARKING PAINT				PREFORMED THERMOPLASTIC MARKING		REMARKS
				4" INT WHITE	4" SOLID WHITE	4" INT YELLOW	4" SOLID YELLOW	24" YELLOW	LEFT/RIGHT ARROW	
				LF	LF	LF	LF	LF	EA	
160	126.954	-	135.492		90,160		90,160			BEGINNING TO COMMUTER LOT
HH	0.004	-	0.023		200		200			
160	135.492	-	135.931	1,160	4,640		5,721	272	10	2 LANES TO 4 LANES TO 2 LANES
160	135.931	-	136.058		1340.0	0.0	1,340			END OF PRJOECT
TOTALS				1160	96340	0	97421	272	10	
USE				97500		97421		272	10	

PERMANENT AGGREGATE EDGE TREATMENT

ROUTE	LOG MILE	TO	LOG MILE	LENGTH	AGGREGATE 200 TON/MILE*	PRIME MC 800 590 GAL/MILE*	REMARKS
				MILES	TON	GAL	
160	126.954	-	136.058	9.104	1820.8	5371	
		-					
TOTALS					1821.0	5371	*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY

EROSION CONTROL

LOG MILE	TO	LOG MILE	LOCATION	LOCATION	LENGTH	SILT FENCE (LF)	ROCK DITCH CHECK (LF)	SEDIMENT REMOVAL (CY)	REMARKS
131.786	-	131.806	160	LT & RT	0.02	110	110	11	EXISTING PIPE
135.003	-	135.183	160	RT	0.18		200	20	
134.783	-	134.903	160	LT	0.12		160	16	
133.206	-	133.346	160	RT	0.14		180	18	
130.982	-	131.062	160	RT	0.08		140	14	
130.342	-	130.422	160	LT & RT	0.08		140	14	
					TOTAL	110	930	93	1 CY SEDIMENT REMOVAL PER 10 LF ROCK DITCH CHECK
					USE	110	930	93	

REMOVAL OF IMPROVEMENTS

ROUTE	LOG MILE	-	LOG MILE	LOCATION	DESCRIPTION	UNITS	TOTAL	REMARKS
160	134.657	-	134.710	RT	GUARDRAIL	LF	279.84	EXISTING GUARDRAIL
160	135.097	-	135.150	LT	GUARDRAIL	LF	279.84	EXISTING GUARDRAIL
160	135.314	-	135.524	RT	GUARDRAIL	LF	1108.8	EXISTING GUARDRAIL
160	135.679	-	135.751	RT	GUARDRAIL	LF	380.16	EXISTING GUARDRAIL
160	135.680	-	135.752	LT	GUARDRAIL	LF	380.16	EXISTING GUARDRAIL
		-						
TOTAL							1 LUMP SUM	

SEEDING

TOTAL ACRES

4.0

TEMPORARY SEEDING

TOTAL ACRES

0.9

MULCHING

TOTAL ACRES

4.9

CONTRACTOR FURNISHED SURVEYING & STAKING

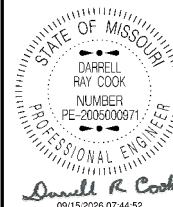
1 LUMP SUM

GRAVEL (A) OR CRUSHED STONE (B)

448 TONS

MOBILIZATION

1 LUMP SUM



DATE PREPARED
8/18/2026
ROUTE 160 STATE MO
DISTRICT SW SHEET NO. 3
COUNTY STONE
JOB NO. J7P3533C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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



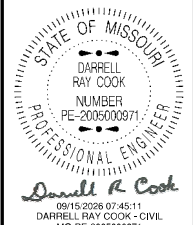
BITUMINOUS PAVEMENT												
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	APPROACH AREA	1.995 1.5" BP-2	1.995 1.75" BP-2	1.975 2.25" BP-1	0.1 FOG SEAL	0.1 TACK RATES	REMARKS
				LF	LF	SF	TONS	TONS	TONS	GAL	GAL	
160	126.954	-	127.066	591.4	23.0		125.63				151.10	*
160	127.066	-	130.722	19303.7	23.0		4,100.70				4,933.20	*
160	130.722	-	130.747	132.0	23.0		28.04				33.70	RTE HH*
HH	0.004	-	0.015	58.1		3058.5	28.25				34.00	*
HH	0.015	-	0.023	42.2	20.0		7.80				9.40	MOD COLDMILL*
160	130.747	-	131.726	5169.1	23.0		1,098.07				1,321.00	*
160	131.726	-	131.754	147.8		6574.0	60.72				73.00	MOD COLDMILL*
160	131.754	-	131.781	142.6		3703.0	34.20				41.10	RTE 248 ISLAND MILL*
160	131.781	-	131.809	147.8	23.0		31.40				37.80	MOD COLDMILL*
160	131.809	-	135.247	18152.6	23.0		3,856.17				4,639.00	*
160	135.247	-	135.275	147.8	23.0		31.40				37.80	MOD COLDMILL*
160	135.275	-	135.936	3490.1		224740.7		2,421.69			2,497.10	END 1.75" MILL/FILL*
160	135.936	-	136.058	644.2		26672.7		287.41			296.40	END 1.75" MILL/FILL*
160	126.954	-	135.275	43934.9	4.0		1,623.15		2,410.32		1,952.70	BEGIN 2' SHOULDERS* MOD A3
160	135.275	-	135.470	1029.6	7.5					85.80		RT/LT SHOULDER FOG SEAL
160	135.470	-	135.520	264.0	9.0					26.40		RT SHOULDER FOG SEAL
160	135.631	-	135.740	575.5	7.0					44.76		RT SHOULDER FOG SEAL
160	135.748	-	135.753	26.4	7.0					2.05		RT SHOULDER FOG SEAL
160	135.771	-	136.020	1314.7	7.0					102.25		RT SHOULDER FOG SEAL
160	136.020	-	136.058	200.6		800.0				8.89		RT SHOULDER FOG SEAL
160	135.370	-	135.516	770.9	7.0					59.96		LT SHOULDER FOG SEAL
160	135.624	-	135.736	591.4	7.0					46.00		LT SHOULDER FOG SEAL
160	135.747	-	135.750	15.8	7.0					1.23		LT SHOULDER FOG SEAL
160	135.780	-	135.804	126.7	7.0					9.85		LT SHOULDER FOG SEAL
160	135.814	-	135.822	42.2	7.0					3.28		LT SHOULDER FOG SEAL
160	135.839	-	136.020	955.7	7.0					74.33		LT SHOULDER FOG SEAL
160	136.020	-	136.058	200.6		800.0				8.89		LT SHOULDER FOG SEAL
LT/RT	126.954	-	136.058	48069.1			8.01					
ENTRANCES AND IRREGULARITIES												
	126.954		136.058	48069.1			682.80					IRREGULARITIES 75 TONS/MILE
		-		5765.00	2.0		128.27				128.10	ENTRANCES AND MAILBOXES
TOTALS							11,844.70	2,709.10	2,410.32	473.70	16,185.40	* SAFETY EDGE INCLUDED IN QUANTITY
USE							14,553.80		2,410.32	474.00	16,186.00	
NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.												

LINEAR GRADING 2							
ROUTE	LOG MILE	TO	LOG MILE	LOCATION	LINEAR GRADING CLASS 2 FOR SHOULDERS	MODIFIED LINEAR GRADING CLASS 2 FOR SHOULDERS	REMARKS
					100 FT	100 FT	
160	126.954	-	135.275	LT	329.5	109.8	
160	126.954	-	135.275	RT	329.5	109.8	
		-					
		-			20		MINUS ASPHALT ENTRANCES
				TOTALS	639.0	219.6	
				USE	639	220	

RUMBLE STRIPS							
ROUTE	LOG MILE	TO	LOG MILE	LOCATION	SHOULDER RUMBLE STRIP	CENTERLINE RUMBLE STRIP	REMARKS
					STA	STA	
160	126.954	-	136.058	LT	480.7		
160	126.954	-	136.058	RT	480.7		
160	126.954	-	129.829	CL		151.8	STONE COUNTY
160	129.829	-	136.058	CL		328.9	TANEY COUNTY
		-			-320		MINUS ENTRANCES
TOTALS					641.4	480.7	
USE					641.4	480.7	

GUARDRAIL									
LOG MILE	TO	LOG MILE	LENGTH (LF)	LOCATION	GUARDRAIL (MGS) (LF)	CRASHWORTHY END TERMINA (MASH) (EA)	MGS END ANCHOR (EA)	SHAPING SLOPES CLASS III (100FT)	REMARKS
134.657	-	134.710	279.84	RT	187.5	2		1.5	
135.097	-	135.150	279.84	LT	187.5	2		1.5	
135.314	-	135.524	2684.71	RT	2625	1	1	1.5	REPLACE EXISTE GUARDRAIL EXIT OR65S
135.679	-	135.751	380.16	RT	287.5	2		1.5	UNDER BRIDGE
135.68	-	135.752	380.16	LT	287.5	2		1.5	UNDER BRIDGE
				TOTAL	3575	9	1	7.5	
				USE	3575	9	1	8	

SUMMARY OF QUANTITIES
SHEET 2 OF 3



DATE PREPARED	
8/18/2026	
ROUTE	STATE
160	MO
DISTRICT	SHEET NO.
SW	3
COUNTY	
STONE	
JOB NO.	
J7P3533C	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]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	SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL SQ. FT.	QTY RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NO.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025 DESCRIPTION
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
W01-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	3	30.00				ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	2	16.00				END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
W01-4L	48X48	16.00	1	16.00				REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75	2	17.50				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL
W01-4R	48X48	16.00	1	16.00				REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50	1	1.50				PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	4	24.00				WORK ZONE (PLAQUE)	6122040		WORK ZONE CRASH CUSHION (NARROW)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6123001	1	TRUCK MOUNTED ATTENUATOR (TMA)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (DRUM-LIKE)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)
W01-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161025	700	CHANNELIZER (TRIM-LINE)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161026		CHANNELIZER (VERTICAL PANEL)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161030		TYPE 3 MOVEABLE BARRICADE
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161033	10	DIRECTION INDICATOR BARRICADE
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	4	48.00				SPEED LIMIT XX	6161040	2	FLASHING ARROW PANEL
W03-4	48X48	16.00	3	48.00				BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER
W03-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161055	10	SEQUENTIAL FLASHING WARNING LIGHT
W04-1L	48X48	16.00	2	32.00				MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161070		TUBULAR MARKER
W04-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM
W04-2L	48X48	16.00	2	32.00				LANE ENDS LEFT	R3-7L	30X30	6.25	1	6.25				LEFT LANE MUST TURN LEFT	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
W04-2R	48X48	16.00	2	32.00				LANE ENDS RIGHT	R3-7R	30X30	6.25	1	6.25				RIGHT LANE MUST TURN RIGHT			CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
W05-1	48X48	16.00	2	32.00				ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6161098A		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
W05-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE			CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
W05-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00	2	24.00				KEEP RIGHT (HORIZONTAL ARROW)	6161099		WORK ZONE TRAFFIC SIGNAL SYSTEM
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)			TEMPORARY LONG-TERM RUMBLE STRIPS
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162000A		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6162002		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
W07-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6173600D		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
W08-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
W08-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6173700B		RELOCATING TEMP. TRAFFIC BARRIER
W08-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)			RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
W08-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED	6173706		TEMPORARY RAISED PAVEMENT MARKER
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE			TEMPORARY TRAFFIC SIGNALS
W08-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6174000A		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
W08-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)			
W08-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED	6175013		
W08-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL									ROAD CLOSED XX MILES AHEAD	6175020A		
W08-9	48X48	16.00						LOW SHOULDER	R11-3a	60X30	12.50						LOCAL TRAFFIC ONLY	6208064A		
W08-11	48X48	16.00	6	96.00				UNEVEN LANES	CONST-3A	60X48	20.00						ROAD CLOSED TO THRU TRAFFIC	9029400		
W08-12	48X48	16.00	4	64.00				NO CENTER LINE	CONST-3X	56X12	4.67						FINE SIGN	9029401		
W08-15	48X48	16.00						GROOVED PAVEMENT	MISCELLANEOUS SIGNS											
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-5	48X36	12.00						POINT OF PRESENCE			
W08-17L	48X48	16.00	2	32.00				SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	96X48	32.00	2	64.00				POINT OF PRESENCE			
W08-17R	48X48	16.00	2	32.00				SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE			
W08-17P	30X24	5.00	4	20.00				SHOULDER DROP-OFF (PLAQUE)												
W10-1	42RND.	9.62						RAILROAD CROSSING												
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)												
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)												
W012-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)												
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)												
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD												
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD												
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)												
W016-2	30X24	5.00						XXX FEET (PLAQUE)												
W016-3	30X24	5.00						X MILE (PLAQUE)												
W020-1	48X48	16.00	31	496.00				ROAD/BRIDGE/RAMP WORK AHEAD												
W020-2	48X48	16.00						DETOUR AHEAD												
W020-3	48X48	16.00						ROAD CLOSED AHEAD	616-10.05											
W020-4	48X48	16.00	4	64.00				ONE LANE ROAD AHEAD	CONSTRUCTION SIGNS				TOTAL							
W020-5	48X48	16.00	4	64.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.10											
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCATED SIGNS											
W020-6a	48X48	16.00	4	64.00				RIGHT/CENTER/LEFT LANE CLOSED												
W020-7a	48X48	16.00	9	144.00				FLAGGER (SYMBOL)												
W021-2	36X36	9.00						FRESH OIL												
W021-5	48X48	16.00	2	32.00				SHOULDER WORK / SHOULDER WORK AHEAD												
W022-1	48X48	16.00						BLASTING ZONE AHEAD												
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE												
W022-3	42X36	10.50						END BLASTING ZONE												
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)												

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

09/15/2026 07:45:33

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

8/18/2026

ROUTE

160

STATE

MO

DISTRICT

SW

SHEET NO.

3

COUNTY

STONE

JOB NO.

J7P3533C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

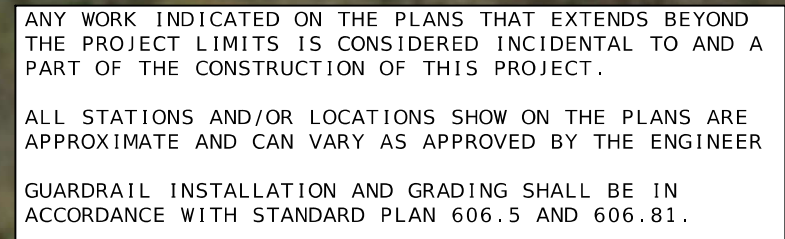
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



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

GUARDRAIL INSTALLATION AND GRADING SHALL BE IN ACCORDANCE WITH STANDARD PLAN 606.5 AND 606.81.

BEGINNING PROJECT
ROUTE 160 E @ 126.954 LM

NEW 2' SHOULDER BEGINS AT
ROUTE C126.954 LM

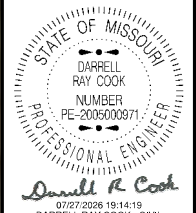
ROUTE 160 E @ 126.982 LM

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

 MODIFIED COLDMILLING (DEPTH TRANSITION)



SPECIAL SHEET
SHEET 1 OF 5



DATE PREPARED	
7/27/2026	
ROUTE	STATE
160	MO
DISTRICT	SHEET NO.
SW	4
COUNTY	
STONE	
JOB NO.	
J7P3533C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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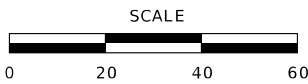
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

The logo for the Missouri Department of Transportation (MoDOT). It features the word "MoDOT" in a bold, sans-serif font, with the "Mo" in black and "DOT" in white. The text is set against a black background that is shaped like the state of Missouri. Below the text, there are several curved, black lines that sweep upwards and to the right, suggesting a road or a highway.

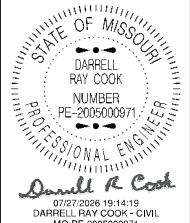
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



OVERLAY
MODIFIED COLDMILLING (DEPTH TRANSITION)



SPECIAL SHEET
SHEET 2 OF 5



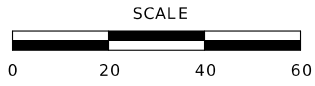
DATE PREPARED
7/27/2026

ROUTE 160	STATE MO
DISTRICT SW	SHEET NO. 5
COUNTY STONE	
JOB NO. J7P3533C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

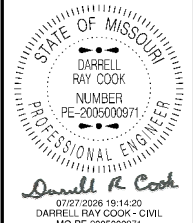
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



SPECIAL SHEET
SHEET 3 OF 5



DATE PREPARED
7/27/2026

ROUTE 160	STATE MO
DISTRICT SW	SHEET NO. 6
COUNTY STONE	
JOB NO. J7P3533C	
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)



STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 19:14:20

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/27/2026

ROUTE

160

STATE

MO

DISTRICT

SW

SHEET NO.

7

COUNTY

STONE

JOB NO.

J7P3533C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MODOT

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SPECIAL SHEET

SHEET 4 OF 5



STATE OF MISSOURI
DARRELL RAY COOK
NUMBER
PE-2005000971
PROFESSIONAL ENGINEER

Darrell R Cook
07/27/2026 19:14:20
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
7/27/2026

ROUTE
160

DISTRICT
SW

STATE
MO

SHEET NO.
8

COUNTY
STONE

JOB NO.
J7P3533C

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)

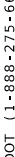
SPECIAL SHEET
SHEET 5 OF 5

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.

STATE OF MISSOURI
 DARRELL
 RAY COOK
 NUMBER
 PE-2005000971
 PROFESSIONAL ENGINEER
 07/27/2026 19:14:20
 DARRELL RAY COOK - CIVIL

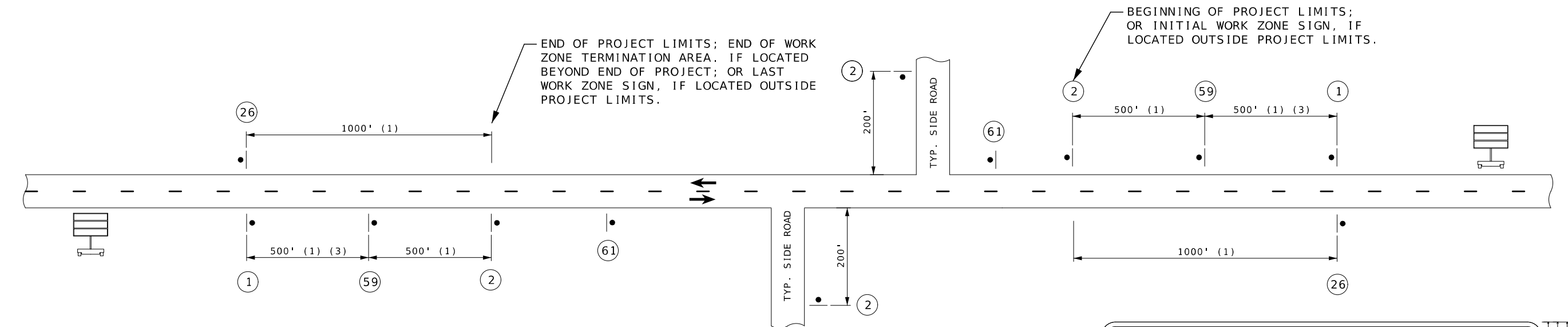
DATE PREPARED	
7/27/2026	
ROUTE	STATE
160	MO
DISTRICT	SHEET NO.
SW	9
COUNTY	
STONE	
JOB NO.	
J7P3533C	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

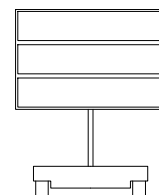
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

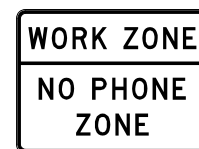


(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.
WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE
WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

- (2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.
- (3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.
- (5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED



(4)



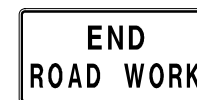
CONST-8

(59) (3)



GO20 - 1

① (5)



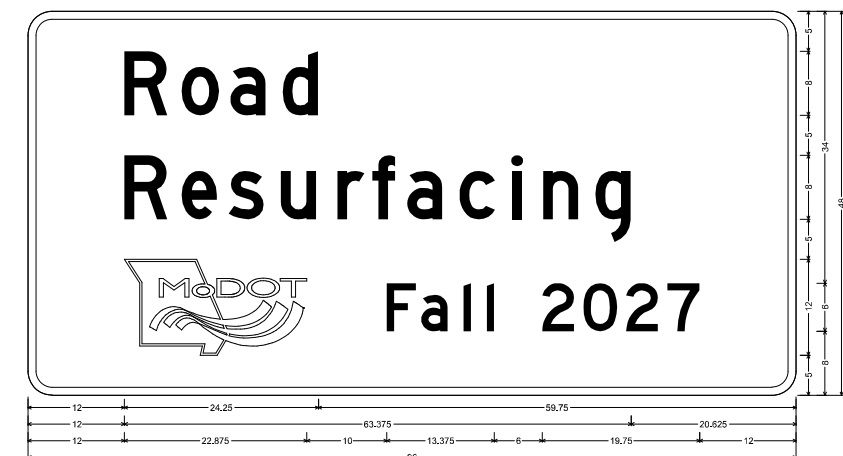
GO20 - 2

(26) (5)



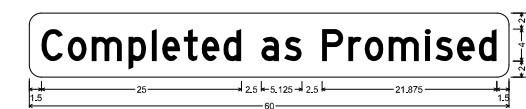
WO20 - 1

2

[illegible]

CONST - 5 - 96

(61) (2)



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

C	L	5,000	O	M	P	I	E	T	A	S	
1	5,000	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	e	t	a	s		
	36,625	39,875	41,875	44,875	49,500	50,750	53,500	56,250			

NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 8

REVISÉD: 4/2/2026



WO20 - 1

2



WO20 - 4

7



WO20 - 7a

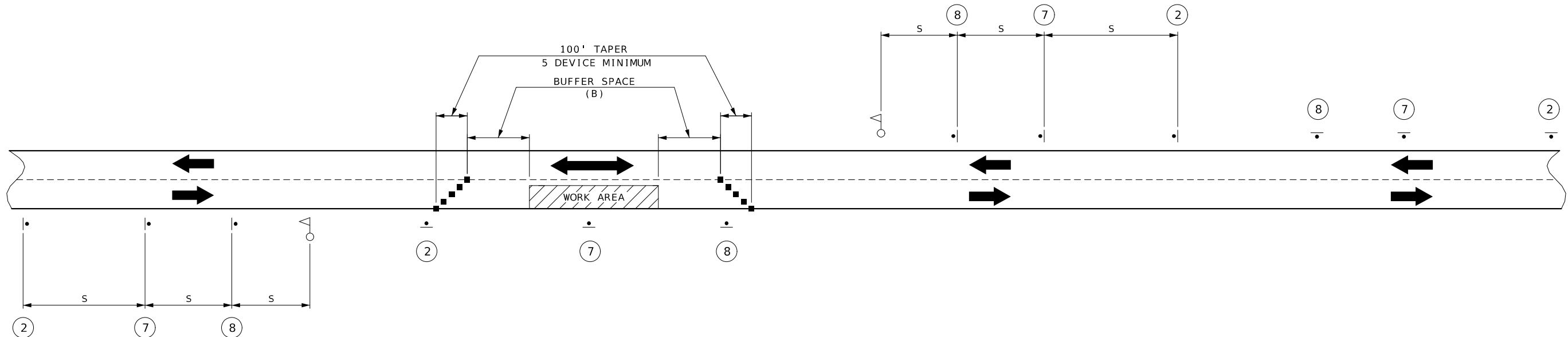
8



GO20 - 4

57

SIGN 57, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



SET 1

ACTIVE

SET 2

INACTIVE

SET 3

ACTIVE

SET 4

INACTIVE

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

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

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

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

• SIGN (SINGLE SIDED)

 F L A G G E R

■ CHANNELIZER

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

SPACING NOTES:

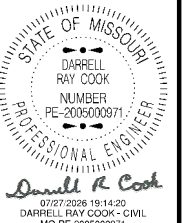
- (1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

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

MOVING FLAGGER OPERATION (UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 8



DATE PREPARED

/27/2026

ROUTE	STATE
160	MO

DISTRICT	SHEET NO.
SW	10

COUNTY

TONE

JOB NO.
7P3533C

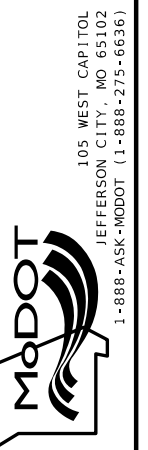
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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).



58

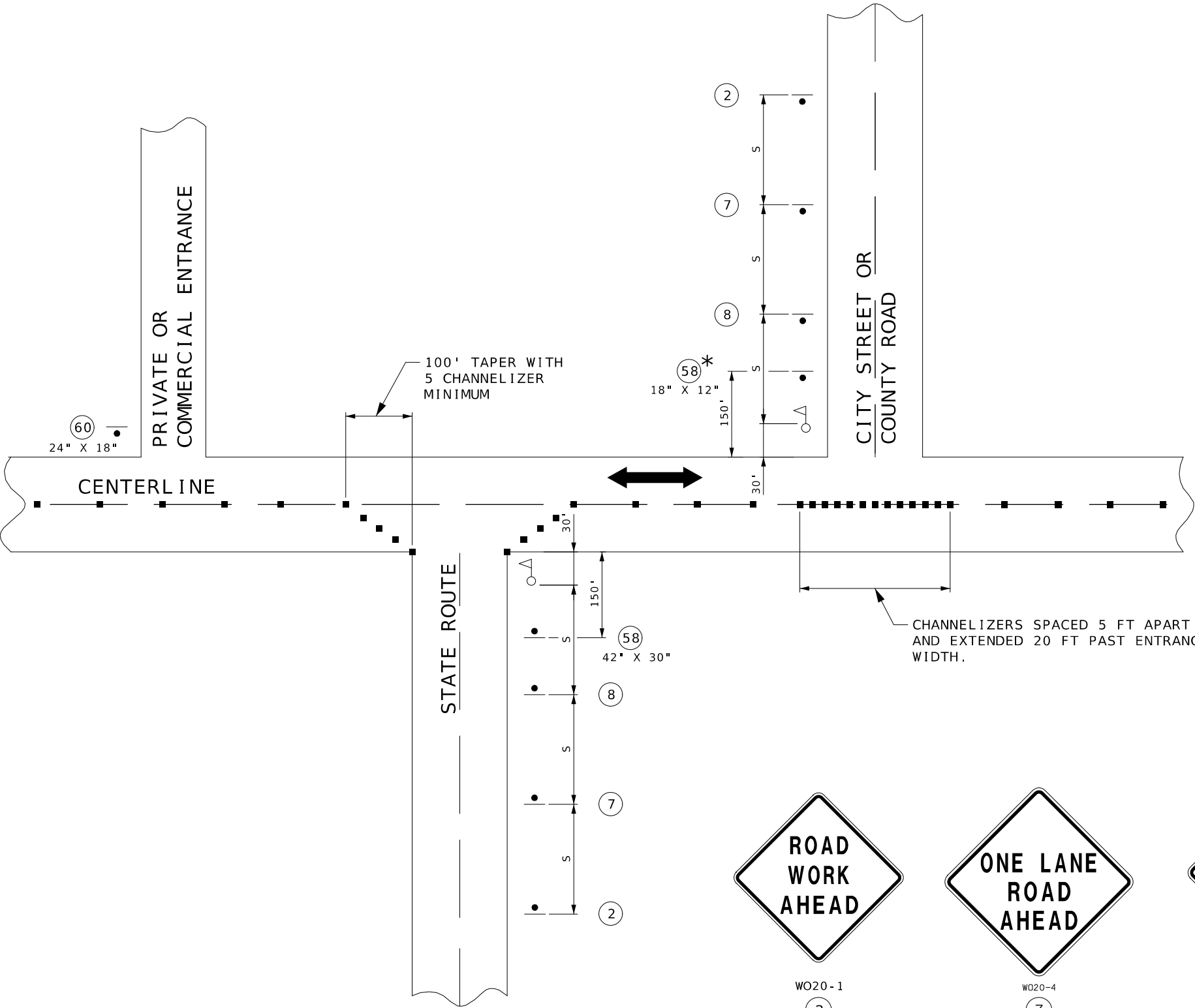
SHALL BE USED ON ALL INTERSECTIONS.

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



60

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



WO20-1

2



WO20-4

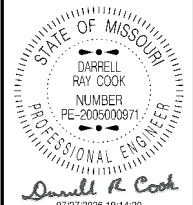
7



WO20-7a

8

NOT TO SCALE



DATE PREPARED 7/27/2026	
ROUTE 160	STATE MO
DISTRICT SW	SHEET NO. 11
COUNTY STONE	
JOB NO. J7P3533C	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

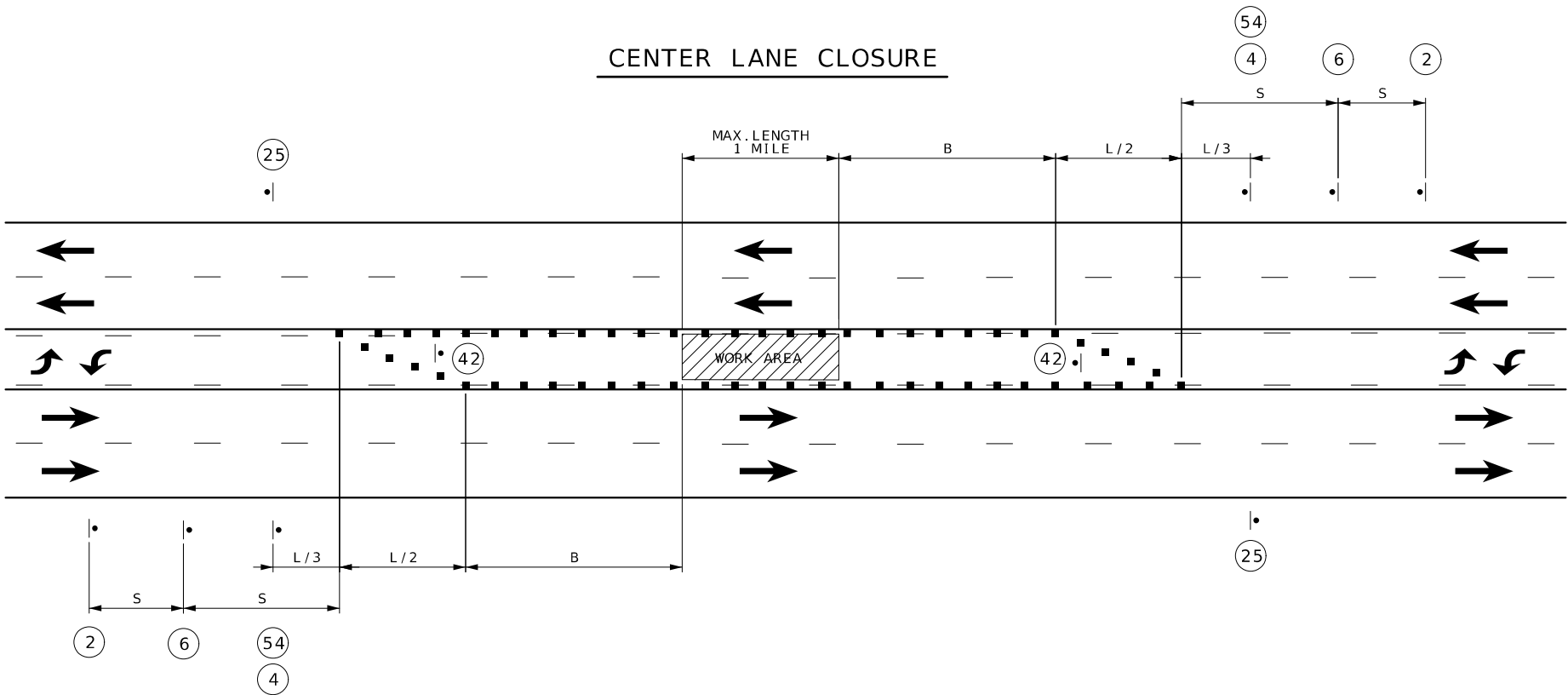
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT		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



R2-1
54
4



R2-1
25
(NORMAL SPEED)

NOT TO SCALE

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 19:14:20

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/27/2026

ROUTE

160

STATE

MO

DISTRICT

SW

SHEET NO.

14

COUNTY

STONE

JOB NO.

J7P3533C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

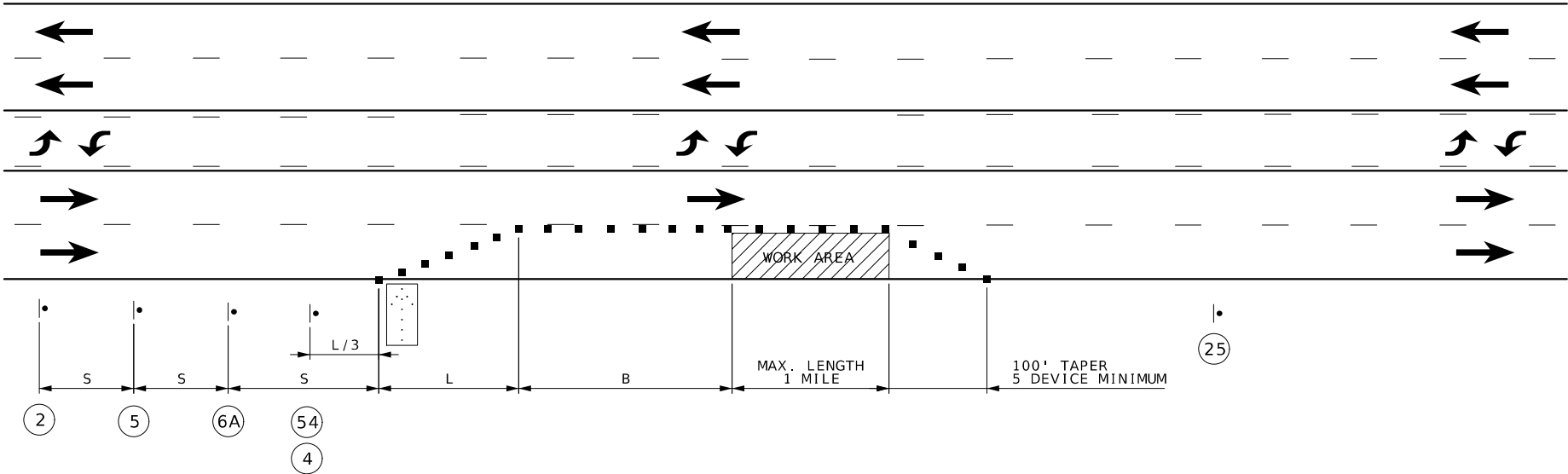
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

OUTSIDE LANE CLOSURE



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

NOTES:

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

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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.

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

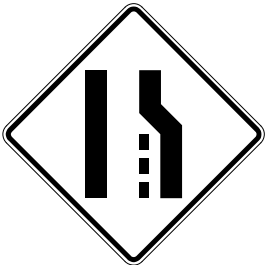
SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



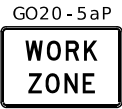
WO20-1
2



WO20-5
5



WO4-2R
6A



R2-1
54
4



R2-1
25
(NORMAL SPEED)

NOT TO SCALE

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 19:14:20

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/27/2026

ROUTE

160

DISTRICT

SW

STATE

MO

SHEET NO.

15

COUNTY

STONE

JOB NO.

J7P3533C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

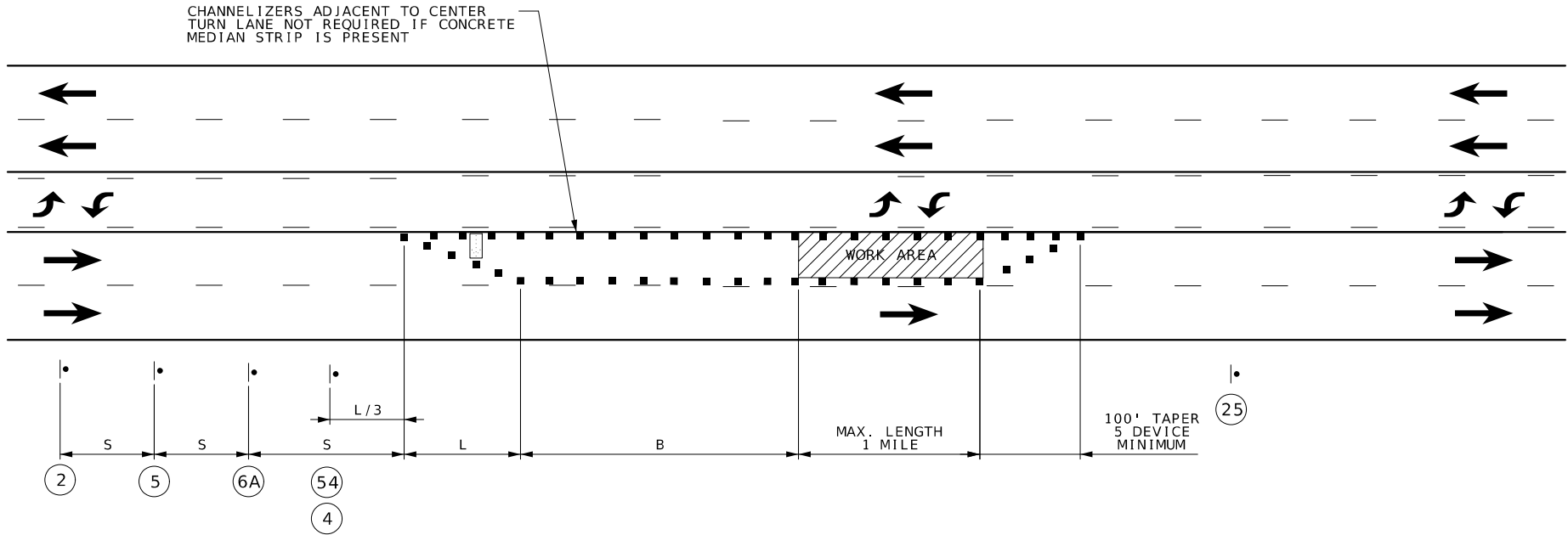
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

PASSING LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
	UNDIVIDED (S)					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.

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

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

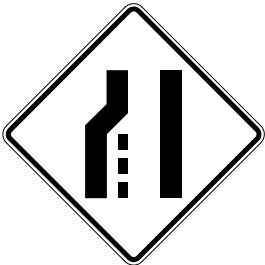
SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



WO20-1
2



WO20-5
5



WO4-2L
6A



R2-1
54
4



R2-1
25
(NORMAL SPEED)

NOT TO SCALE



DATE PREPARED
7/27/2026

ROUTE
160

STATE
MO

DISTRICT
SW

SHEET NO.
16

COUNTY
STONE

JOB NO.
J7P3533C

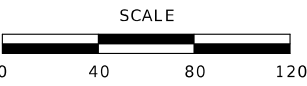
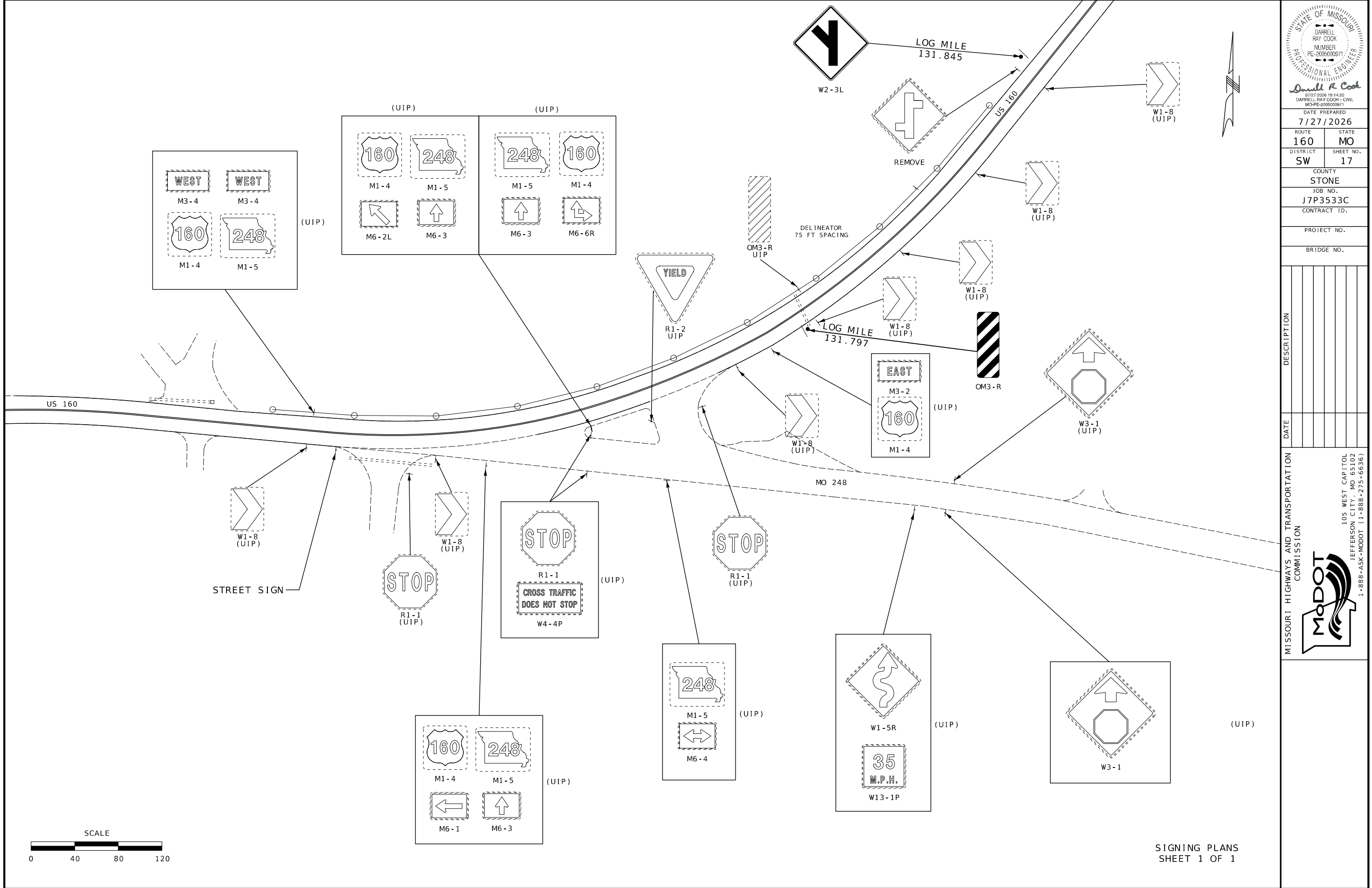
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE





SIGNING PLANS
SHEET 1 OF 1

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 19:14:20

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/27/2026

ROUTE

160

STATE

MO

DISTRICT

SW

SHEET NO.

17

COUNTY

STONE

JOB NO.

J7P3533C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

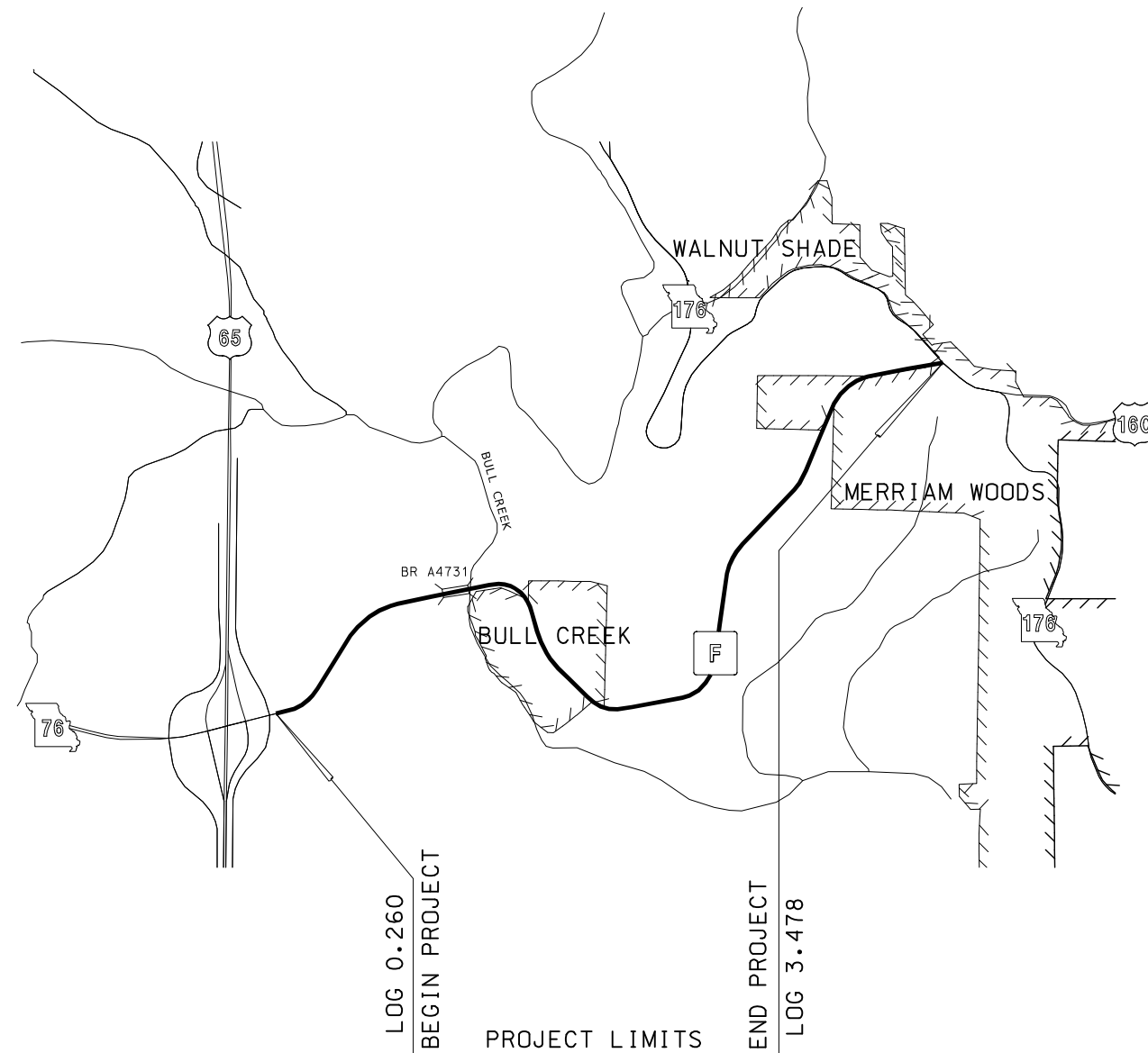
A.A.D.T. - 2025 = 8,493
A.A.D.T. - 2055 = 9,144
D.H.V. = 9.22%
T = 8.10%
V = 45.50 M.P.H.
D = 49.6%/50.4% (E/W)
FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

NO NEW R/W REQUIRED

	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		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

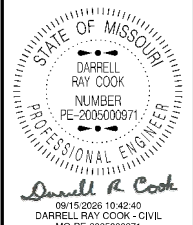
A map of the state of Georgia, divided into its 159 counties. The county of Wilkes, located in the southwestern part of the state, is shaded in solid black. The surrounding counties are shown in white with black outlines.



1.75" SP125C
2' SHOULDERS WITH 2" BP-1 UNDER 1.75" SP125C

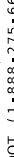
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY 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.

DESCRIPTION	NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (10 SHEETS)---	2
QUANTITIES (QU) (4 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-7
TRAFFIC CONTROL SHEETS (TC)-----	8-19



DATE PREPARED	
8/13/2026	
ROUTE	STATE
F	MO
DISTRICT	SHEET NO.
SW	1
COUNTY	
TANEY	
JOB NO.	
JSR0038	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

BEGINNING OF PROJECT	EB LOG MILE 0.260	
END OF PROJECT	EB LOG MILE 3.478	
APPARENT LENGTH	16,991.04	FEET
EQUATIONS AND EXCEPTIONS:		
BRIDGE A4731	337.92	FEET

TOTAL CORRECTIONS	337.92	FEET
NET LENGTH OF PROJECT	16,653.12	FEET
STATE LENGTH	3.154	MILES
FOR INFORMATION ONLY		
ESTIMATED DISTURBED ACRES	0.99	ACRES

NOTES: AS APPROVED BY THE ENGINEER, THE 2' MODIFIED A3 SHOULDER MAY BE REDUCED TO 1' MINIMUM WIDTH IN SPECIFIC AREAS BASED ON EXISTING FIELD CONIDITIONS. THE MODIFIED TYPE A3 SHOULDER SHALL NOT BE BUILT IN AREAS WHERE THE EXISTING SLOPE, GUARDRAIL, OR CULVERT HEADWALLS DO NOT PERMIT. SEE JOB SPECIAL PROVISIONS.

IF THE CONTRACTOR ELECTS TO USE CONCRETE FOR THE SHOULDERS, THE QUANTITY OF ASPHALT AND TACK SHALL BE ADJUSTED IN ACCORDANCE WITH THE JOB SPECIAL PROVISION-OPTIONAL SHOULDER.

SHOULDER GRADING CONFINED TO FORESLOPE.

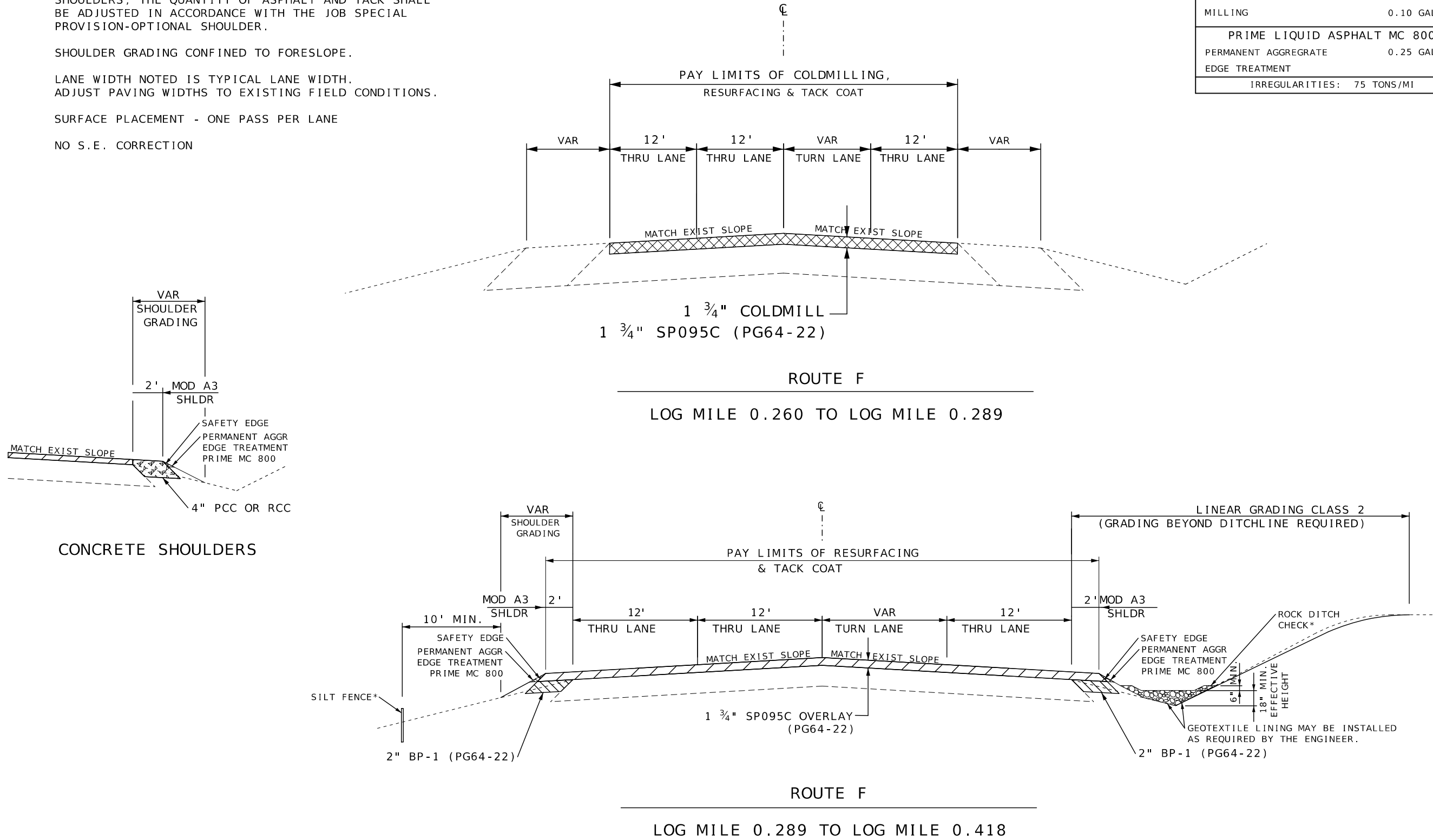
LANE WIDTH NOTED IS TYPICAL LANE WIDTH. ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

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 ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT.

ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG64-22)	1.975 TONS/CY
BP-1 (PG64-22)	1.990 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE	0.25 GAL/SY
EDGE TREATMENT	
IRREGULARITIES: 75 TONS/MI	



* AT LOCATIONS SHOWN ON THE QUANTITY SHEETS, ALL DEVICES WILL BE INSTALLED AS NECESSARY AT THE DISCRETION OF THE ENGINEER.

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R. Cook

07/27/2026 13:21:25

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/23/2026

ROUTE

F

STATE

MO

DISTRICT

SW

SHEET NO.

2

COUNTY

TANEY

JOB NO.

JSR0038

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: AS APPROVED BY THE ENGINEER, THE 2' MODIFIED A3 SHOULDER MAY BE REDUCED TO 1' MINIMUM WIDTH IN SPECIFIC AREAS BASED ON EXISTING FIELD CONIDITIONS. THE MODIFIED TYPE A3 SHOULDER SHALL NOT BE BUILT IN AREAS WHERE THE EXISTING SLOPE, GUARDRAIL, OR CULVERT HEADWALLS DO NOT PERMIT. SEE JOB SPECIAL PROVISIONS.

IF THE CONTRACTOR ELECTS TO USE CONCRETE FOR THE SHOULDERS, THE QUANTITY OF ASPHALT AND TACK SHALL BE ADJUSTED IN ACCORDANCE WITH THE JOB SPECIAL PROVISION-OPTIONAL SHOULDER.

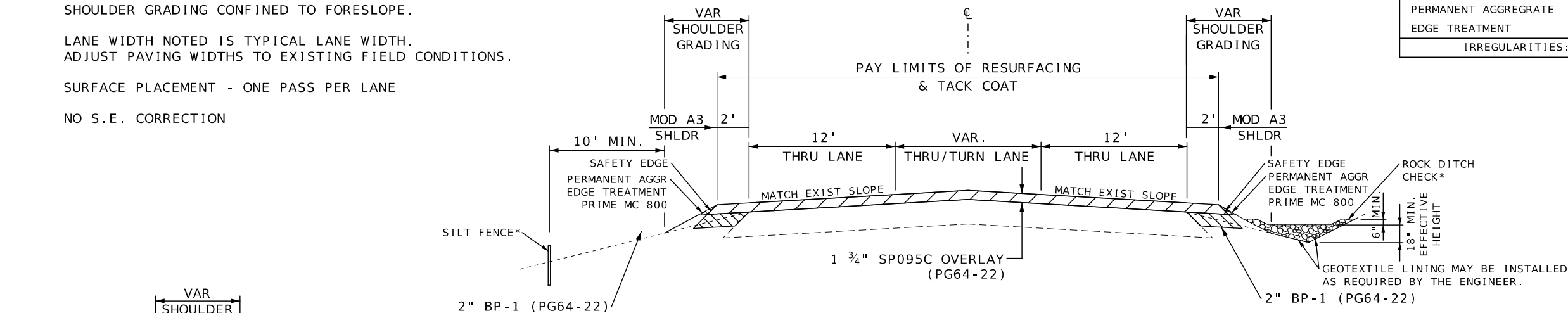
SHOULDER GRADING CONFINED TO FORESLOPE.

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

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

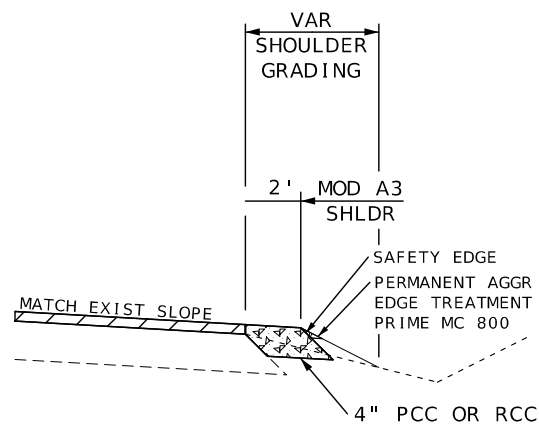
ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG64-22)	1.975 TONS/CY
BP-1 (PG64-22)	1.990 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE	0.25 GAL/SY
EDGE TREATMENT	
IRREGULARITIES: 75 TONS/MI	



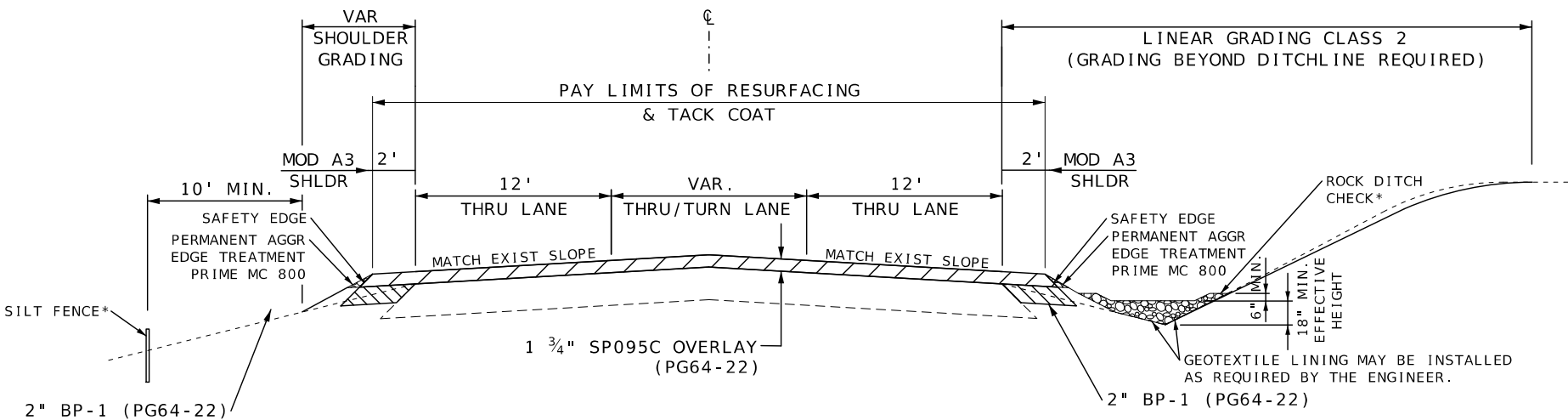
ROUTE F
LOG MILE 0.418 TO LOG MILE 0.999

BRIDGE EXCEPTION
LOG MILE 0.999 TO LOG MILE 1.063

SHOULDERS
RT SHLDR ONLY LM 0.418 TO LM 0.575
LT SHLDR ONLY LM 0.575 TO LM 0.640
NO ADDED SHLDRS LM 0.700 TO LM 0.827



CONCRETE SHOULDERS



ROUTE F
LOG MILE 0.418 TO LOG MILE 0.999

* AT LOCATIONS SHOWN ON THE QUANTITY SHEETS, ALL DEVICES WILL BE INSTALLED AS NECESSARY AT THE DISCRETION OF THE ENGINEER.

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R. Cook

07/27/2026 13:21:40

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/23/2026

ROUTE

F

STATE

MO

DISTRICT

SW

SHEET NO.

2

COUNTY

TANEY

JOB NO.

JSR0038

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

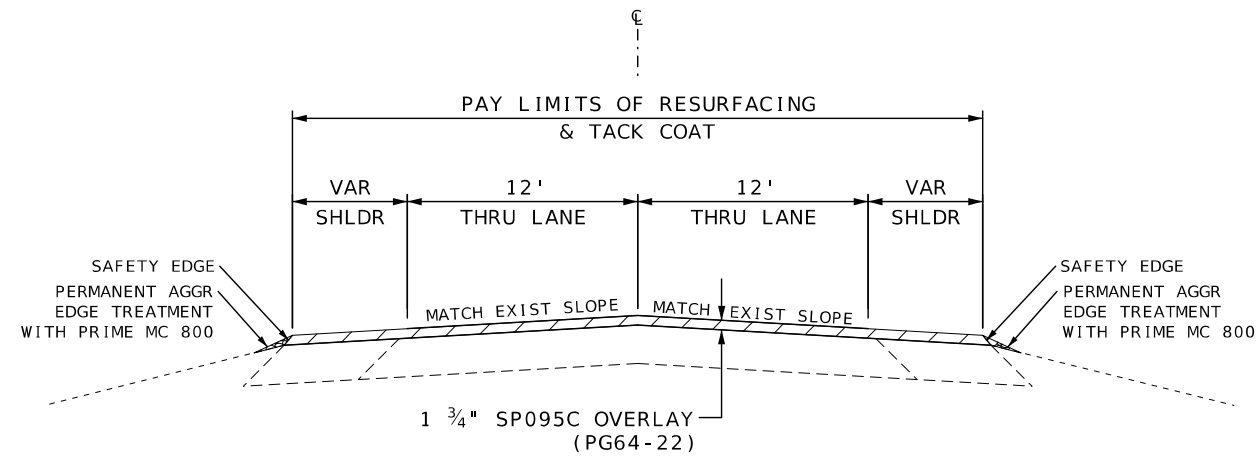
JEFFERSON CITY, MO 65102

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

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

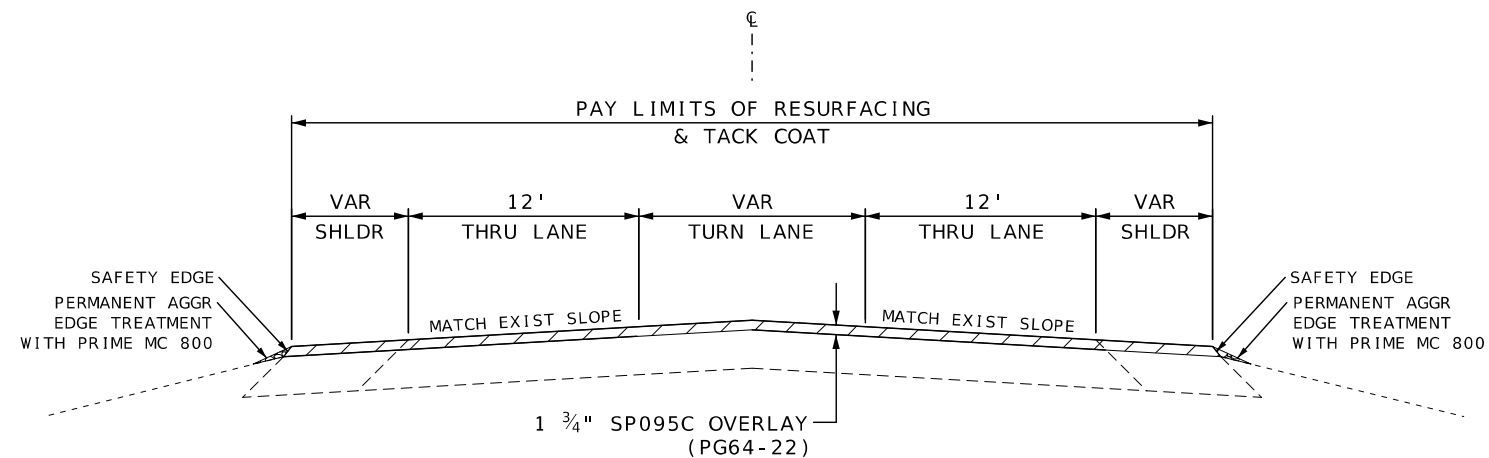
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION



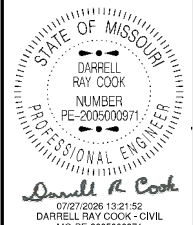
ROUTE F

LOG MILE 1.063 TO LOG MILE 1.311



ROUTE F
LOG MILE 1.428 TO LOG MILE 1.625

ASPHALT FACTORS COMBINED FACTOR	
SP095C (PG64-22)	1.975 TONS/CY
BP-1 (PG64-22)	1.990 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE	0.25 GAL/SY
EDGE TREATMENT	
IRREGULARITIES: 75 TONS/MI	



MO-PE-2005000971
DATE PREPARED
7/23/2026

ROUTE F	STATE MO
------------	-------------

DISTRICT SW	SHEET NO. 2
COUNTY	

COUNTY
TANEY
JOB NO.

JSR0038

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

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

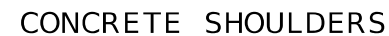
TYPICAL SECTIONS
SHEET 3 OF 10

NO S.E. CORRECTION



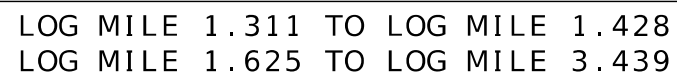
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



LOG MILE 1.311 TO LOG MILE 1.428
LOG MILE 1.625 TO LOG MILE 3.439

LM 1.625 TO LM 1.825
LM 1.917 TO LM 2.135
LM 2.382 TO LM 2.532



TYPICAL SECTIONS
SHEET 4 OF 10

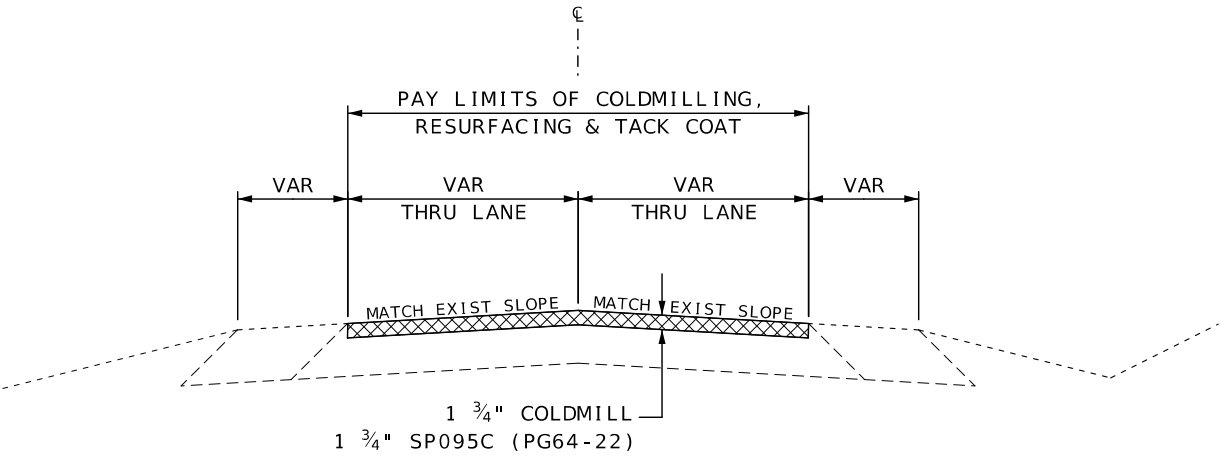
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

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

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

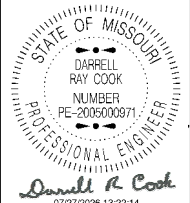
ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG64-22)	1.975 TONS/CY
BP-1 (PG64-22)	1.990 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE	0.25 GAL/SY
EDGE TREATMENT	
IRREGULARITIES: 75 TONS/MI	



ROUTE F
LOG MILE 3.439 TO LOG MILE 3.478

ROUTE 160 E
LOG MILE 139.915 TO LOG MILE 139.959

* AT LOCATIONS SHOWN ON THE QUANTITY SHEETS, ALL
DEVICES WILL BE INSTALLED AS NECESSARY AT THE
DISCRETION OF THE ENGINEER.

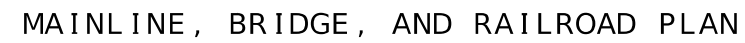


DATE PREPARED 7/23/2026	
ROUTE F	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY TANEY	
JOB NO. JSR0038	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

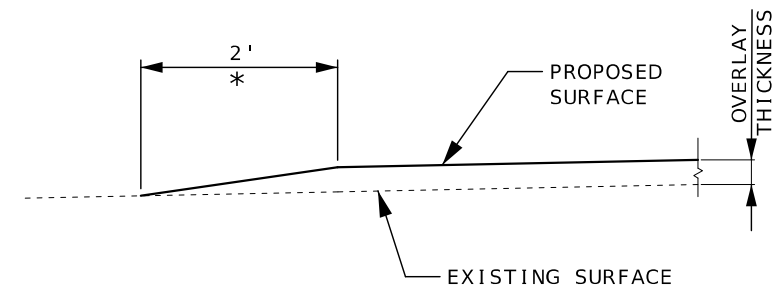
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



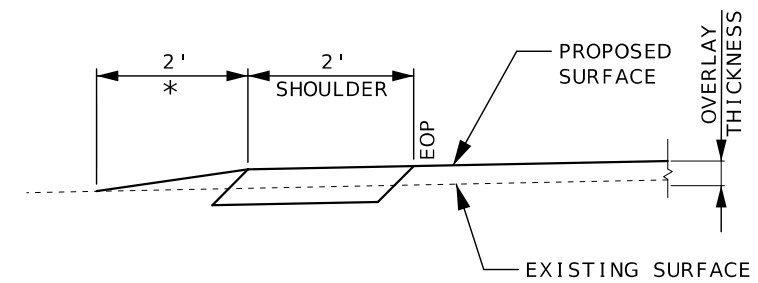
NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.





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

6 TONS CALCULATED PER COUNTY ROAD.



The diagram shows a cross-section of a road surface. A solid line represents the 'PROPOSED SURFACE', which starts at a dashed line labeled 'EXISTING SURFACE'. The proposed surface has a 2' slope, indicated by a horizontal dimension line with a vertical arrow pointing to it. The slope is labeled '2' and has an asterisk below it. The 'EXISTING SURFACE' is a dashed line. The 'PROPOSED SURFACE' is a solid line. The 'EOP' (End of Pavement) is marked with a vertical line. The 'OVERLAY THICKNESS' is the vertical distance between the existing and proposed surfaces at the EOP.

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

6 TONS CALCULATED PER COUNTY ROAD.



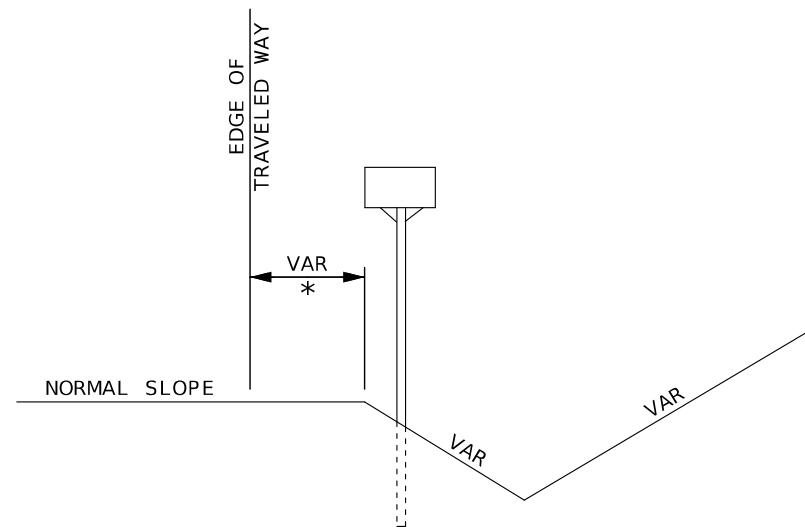
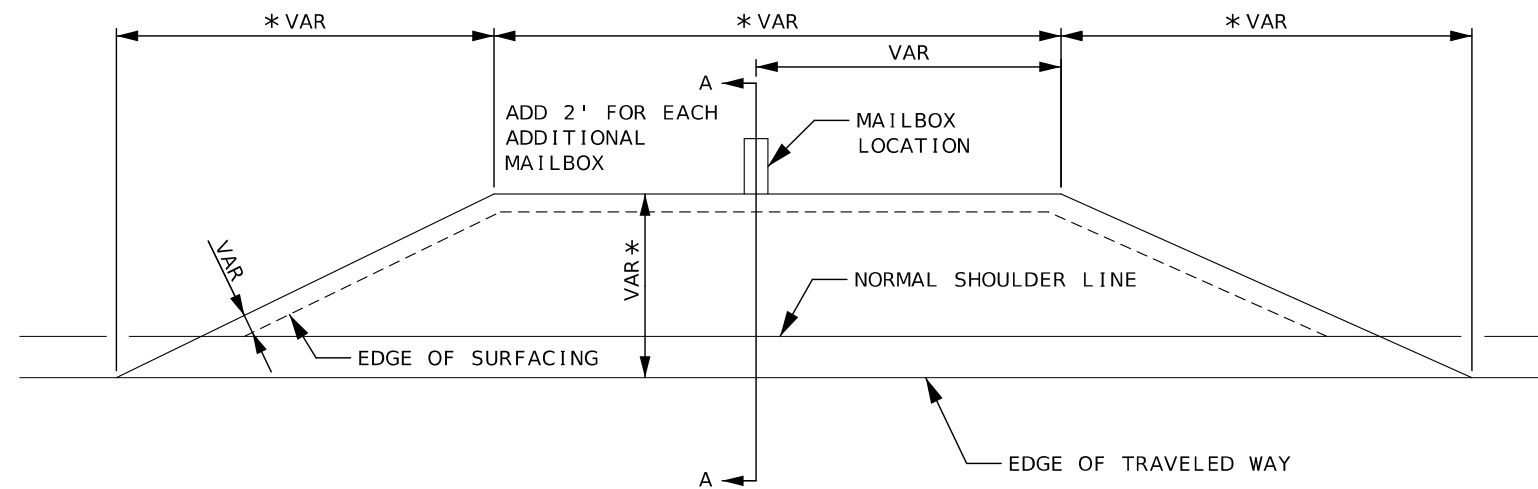
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

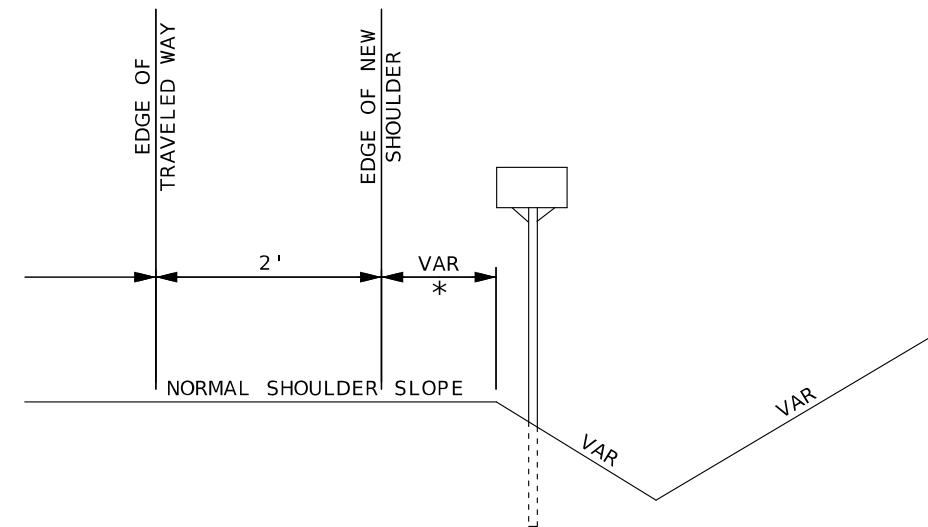
NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND
15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL
MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

TYPICAL MAILBOX TURNOUT

* AS APPROVED BY THE ENGINEER

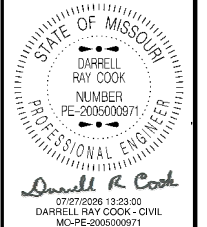


SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER

TYPICAL SECTIONS
SHEET 9 OF 10



DATE PREPARED

7/23/2026

ROUTE F	STATE MO
------------	-------------

DISTRICT	SHEET NO.
SW	2

COUNTY
TANEY

JOB NO.
JSR0038

CONTRACT ID.

00000000000000000000

PROJECT NO.

PROJECT NO.

BRIDGE NO.

[illegible]


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

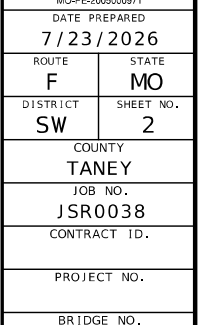
AS APPROVED BY THE ENGINEER, A 6" MINI RUMBLE STRIP
MAY BE USED WHERE A 12" RUMBLE STRIP DOES NOT FIT.

Diagram illustrating a 22' MINIMUM wide lane configuration. The lane width is defined by the distance between the two EOP (Edge of Pavement) lines, which is 22' MINIMUM. The lane is flanked by 2' wide areas, each containing a 12" RUMBLE STRIP. The distance between the two EOP lines is 22' MINIMUM. The distance between the two 10' MINIMUM wheel paths is 22' MINIMUM. The distance between the two 10' MINIMUM wheel paths is 22' MINIMUM. The distance between the two 10' MINIMUM wheel paths is 22' MINIMUM.

— RUMBLE STRIPS OMITTED WHERE LANE WIDTHS
OF 10' MINIMUM CANNOT BE ACHIEVED

Diagram illustrating the placement of rumble strips on a road cross-section. The diagram shows a 2' wide shoulder on the left, followed by the main travel lanes. Rumble strips are indicated by a series of small vertical lines. A 25' wide area is marked for residential, commercial, or outer road use. Arrows indicate traffic flow.

TYPICAL SECTIONS
SHEET 10 OF 10

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

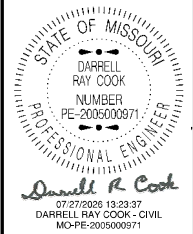
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SHOULDER GRADING, SEEDING & MULCHING										
LT/RT OFFSET	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	MODIFIED LINEAR GRADING CLASS 2	LINEAR GRADING CLASS 2 FOR SHOULDERS	COOL SEASON SEEDING	MULCHING	REMARKS
			LF	LF	SF	100FT	100FT	ACRE	ACRE	
F	0.322	0.418	506.9	4.0		5.07	5.07	0.05	0.05	2 FT SHOULDERS
F	0.418	0.575	829.0	2.0		4.15	4.15	0.04	0.04	RIGHT SHOULDER
F	0.575	0.640	343.2	2.0		1.72	1.72	0.02	0.02	LEFT SHOULDER
F	0.640	0.700	316.8	4.0		3.17	3.17	0.03	0.03	2 FT SHOULDERS
F	1.311	1.428	617.8	4.0		6.18	6.18	0.06	0.06	2 FT SHOULDERS
F	1.625	3.406	9403.7	4.0		94.04	94.04	0.86	0.86	2 FT SHOULDERS
TOTAL						114.33	114.33	1.06	1.06	
USE						114.3	114.3	1.1	1.1	

COLDMILLING								
ROUTE	LOG MILE	LOG MILE	NET LENGTH	AVERAGE WIDTH	MEASURED AREA	MODIFIED DEPTH TRANSITION	FULL DEPTH COLDMILL 3" OR LESS	REMARKS
			LF	LF	SF	SY	SY	
F	0.260	0.289	153.1	50.0	6828.0		758.7	MILL/FILL
F	0.289	0.322	174.2	48.0	9563.0	1062.6		MODIFIED COLDMILLING
F	0.966	0.999	174.2	41.0	7509.0	834.3		BRIDGE TRANSITION
F	1.063	1.096	174.2	40.0	6984.0	776.0		BRIDGE TRANSITION
F	3.406	3.439	174.2	22.0	3864.0	429.3		MODIFIED COLDMILLING
F	3.439	3.478	205.9	VAR	7069.0		785.4	MILL/FILL
160 E	139.915	139.959	232.3	VAR	7603.0		844.8	MILL/FILL
TOTAL						3102.2	2388.9	
USE						3103	2389	

BITUMINOUS RUMBLE STRIP						
LOG MILE	LOG MILE	LENGTH	LOCATION	SHOULDER	CENTERLINE	REMARKS
		FT		STA	STA	
0.289	0.999	3748.8	LT EOP	37.49		LT EOP
1.853	3.439	8374.1	LT EOP	83.74		LT EOP
0.289	0.999	3748.8	RT EOP	37.49		RT EOP
1.853	3.439	8374.1	RT EOP	83.74		RT EOP
0.289	3.439	16632.0	CENTER		166.32	CENTER
		-	LT/RT	-52.50		SUBTRACT ENT'S/SIDEROADS & BEFORE/AFTER THEM
TOTAL				189.96	166.32	
USE				190.0	166.3	

HIGH FRICTION SURFACE TREATMENT							
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE LANE WIDTH	HIGH FRICTION SURFACE TREATMENT	REMARKS
				LF	LF	SY	
F	1.625	-	1.825	1056.0	24.0	2816.0	
F	1.917	-	2.135	1151.0	23.0	2941.4	
F	2.382	-	2.532	792.0	23.0	2024.0	
TOTAL						7781.4	
USE						7781	



DATE PREPARED 7/23/2026	
ROUTE F	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY TANEY	
JOB NO. JSR0038	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION									
DATE									

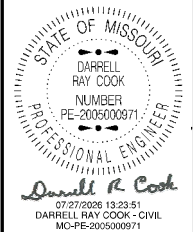
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EROSION CONTROL									
LOG MILE	LOG MILE	SILT FENCE LOCATION	LENGTH	# OF DITCH CHECKS EACH STRUCTURE	SILT FENCE	ROCK DITCH CHECK	SEDIMENT REMOVAL	SEPARATION GEOTEXTILE	REMARKS
				EA	LF	LF	CY	SY	
0.322	0.418	LT & RT	507	17	507.0	170.0	22.1	85.0	
0.418	0.575	RT	829	28	829.0	280.0	36.3	140.0	
0.575	0.640	LT	343	11	343.0	110.0	14.4	55.0	
0.640	0.700	LT & RT	317	11	317.0	110.0	14.2	55.0	
1.311	1.428	LT & RT	618	10	618.0	100.0	16.2	50.0	
1.625	3.406	LT & RT	9404	157	9404.0	1570.0	251.0	785.0	
TOTAL					12018.0	2340.0	354.2	1170.0	
USE					12018	2340	354	1170	

PAVEMENT MARKING								
BEGIN LOG MILE	END LOG MILE	LT/RT LOCATION	CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)			THERMOPLASTIC		REMARKS
			4" SOLID WHITE	4" SOLID YELLOW	LEFT/RIGHT ARROW	YIELD LINE TRIANGLE	24" WHITE	
			LF	LF	EACH	EACH	LF	
0.260	3.478	F	33982.1	33982.1				ROUTE F
0.667	0.725	F			3.0			LEFT/RIGHT ARROW
1.520	1.524	F			1.0			LEFT/RIGHT ARROW
3.463	3.467	F				7.0		YIELD
3.439	3.478	F					12.0	24" WHITE
139.915	139.959	160E	464.6	464.6				ROUTE 160E
TOTAL			34447	34447	4	7	12	
USE			34447	34447	4	7	12	

GUARDRAIL							
BEGIN LOG MILE	END LOG MILE	LOCATION	MGS GUARDRAIL	MASH CRASHWORTHY END TERMINAL	MGS BRIDGE APPROACH TRANSITION "REGULAR/ NO CURB"	SHAPING SLOPES CLASS III	REMARKS
			FT	EA	EA	100FT	
0.416	0.578	LT	750.0	2		9.1	
0.938	0.999	LT	200.0	1	1	3.1	
0.961	0.999	RT	87.5	1	1	2.0	
1.063	1.194	LT	600.0	1	1	7.1	
1.063	1.192	RT	562.5	1	1	6.8	
TOTAL			2200.0	6	4	28.1	ALL GUARDRAIL LENGTH IS ROUNDED UP TO THE NEAREST 12.5'
USE			2200	6	4	29	



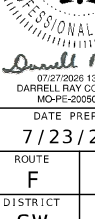
DATE PREPARED 7/23/2026	
ROUTE F	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY TANEY	
JOB NO. JSR0038	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION								
DATE								

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

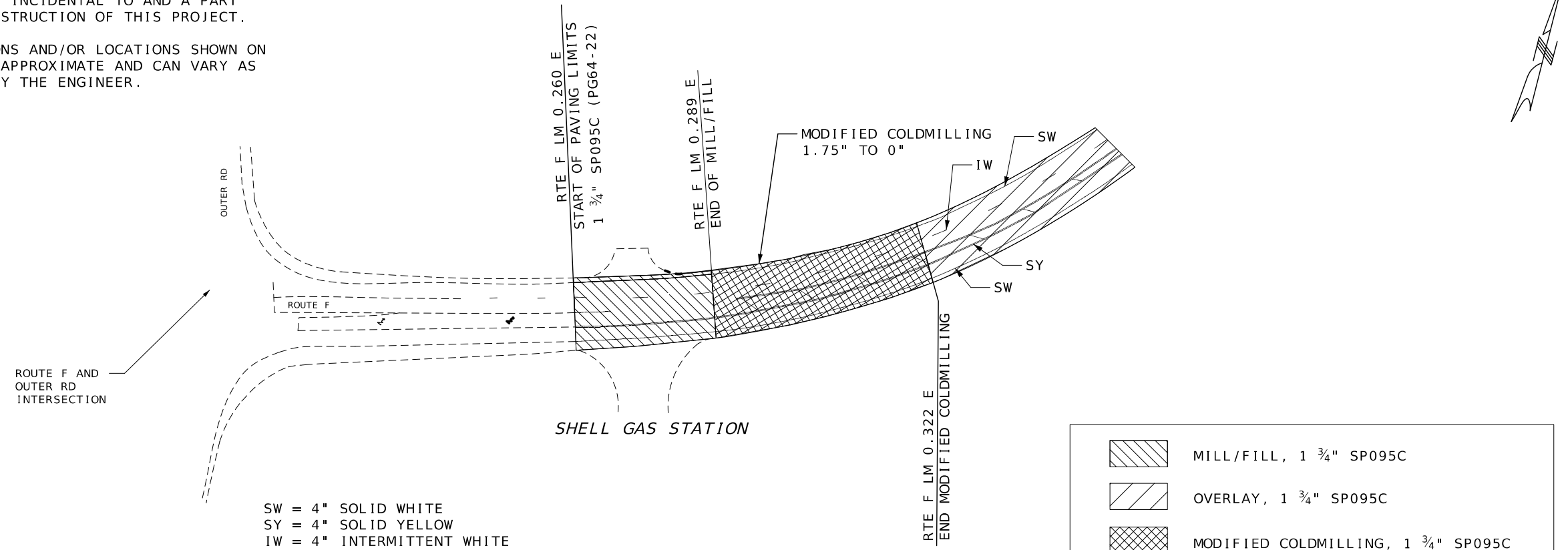
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

 DARRELL RAY COOK NUMBER PE-2005000971	
DATE PREPARED 7/23/2026	
ROUTE F	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY TANEY	
JOB NO. JSR0038	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	DATE
	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
105 WEST CAPITAL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	

NOTE: 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.

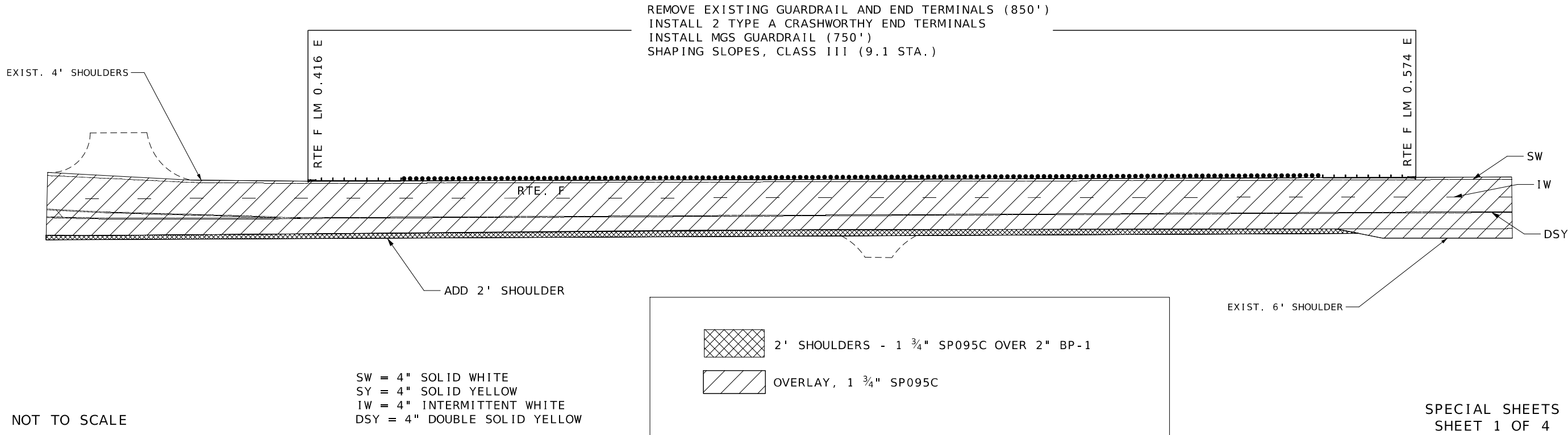
ALL STATIONS AND/OR LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY THE ENGINEER.

START OF PAVING LIMITS

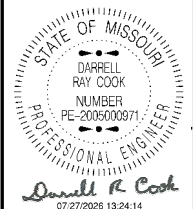


NOT TO SCALE

REMOVE & REPLACE GUARDRAIL
LOG 0.416 - 0.574



NOT TO SCALE

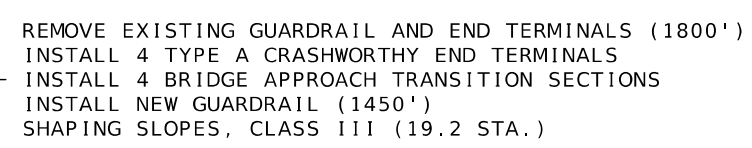


DATE PREPARED 7/23/2026	
ROUTE F	STATE MO
DISTRICT SW	SHEET NO. 4
COUNTY TANEY	
JOB NO. JSR0038	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

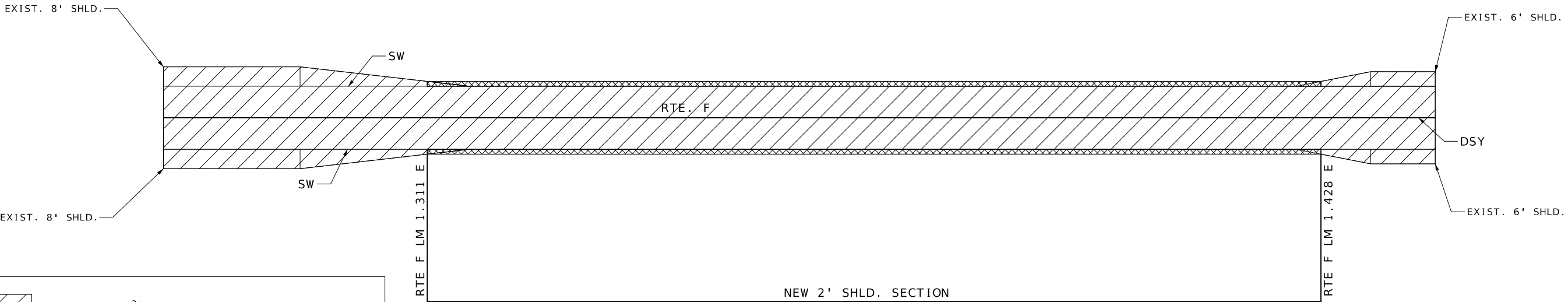


	OVERLAY, 1 3/4" SP095C
	MODIFIED COLDMILLING, 1 3/4" SP095C

SPECIAL SHEETS
SHEET 2 OF 4

[illegible]

NEW 2' SHOULDER SECTION
LOG 1.311 - 1.428

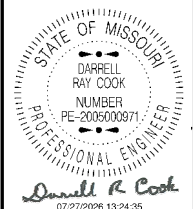


- OVERLAY, 1 3/4" SP095C
- 2' SHOULDERS - 1 3/4" SP095C OVER 2" BP-1

NOT TO SCALE

SW = 4" SOLID WHITE
DSY = 4" DOUBLE SOLID YELLOW

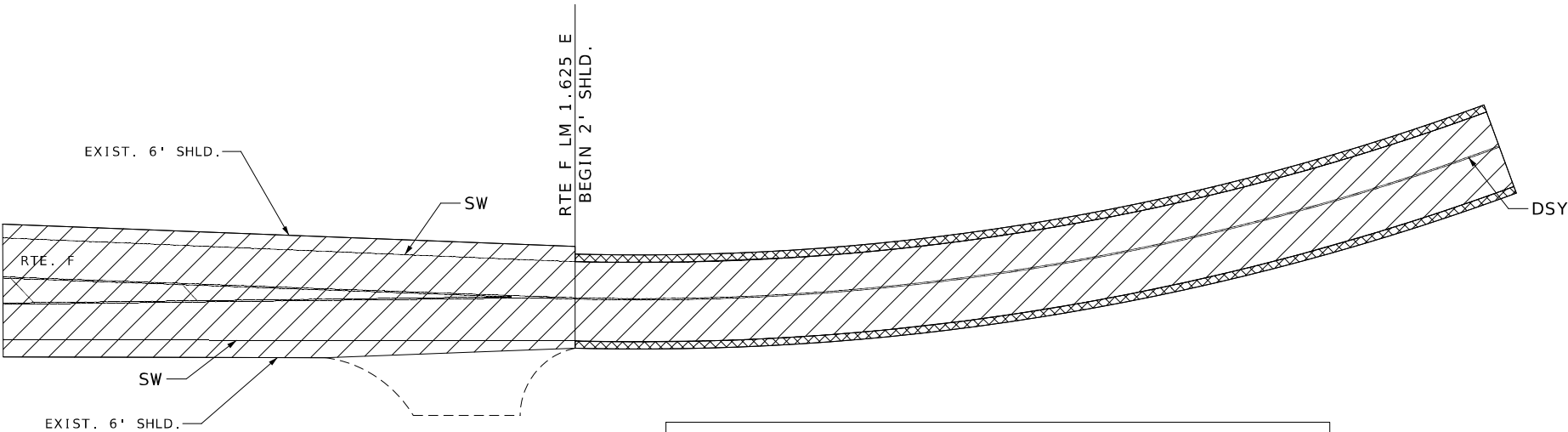
SPECIAL SHEETS
SHEET 2 OF 5



DATE PREPARED 7/23/2026	
ROUTE F	STATE MO
DISTRICT SW	SHEET NO. 6
COUNTY TANEY	
JOB NO. JSR0038	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

NEW 2' SHOULDER SECTION
LOG 1.625 - 3.439



- OVERLAY, 1 3/4" SP095C
- 2' SHOULDERS - 1 3/4" SP095C OVER 2" BP-1

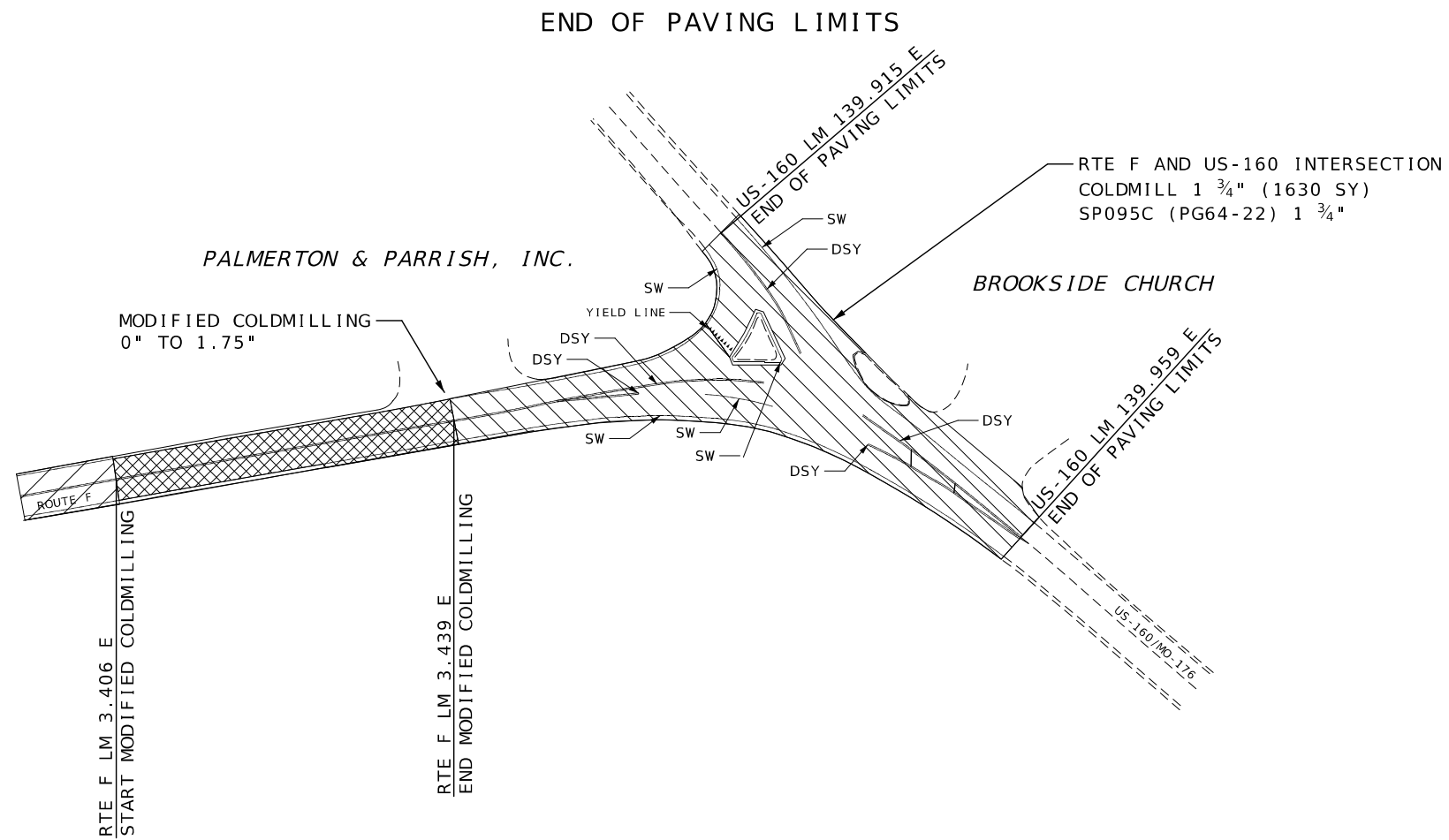
SW = 4" SOLID WHITE
DSY = 4" DOUBLE SOLID YELLOW

NOT TO SCALE

SPECIAL SHEETS
SHEET 3 OF 4



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



SW = 4" SOLID WHITE
DSY = 4" DOUBLE SOLID YELLOW

	OVERLAY, 1 3/4" SP095C
	MODIFIED COLDMILLING, 1 3/4" SP095C
	COLDMILLING 1 3/4", 1 3/4" SP095C

NOT TO SCALE

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 13:24:48

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/23/2026

ROUTE	STATE
F	MO
DISTRICT	SHEET NO.
SW	7

COUNTY

TANEY

JOB NO.

JSR0038

CONTRACT ID.

PROJECT NO.

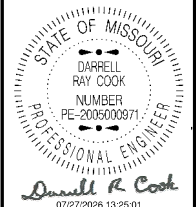
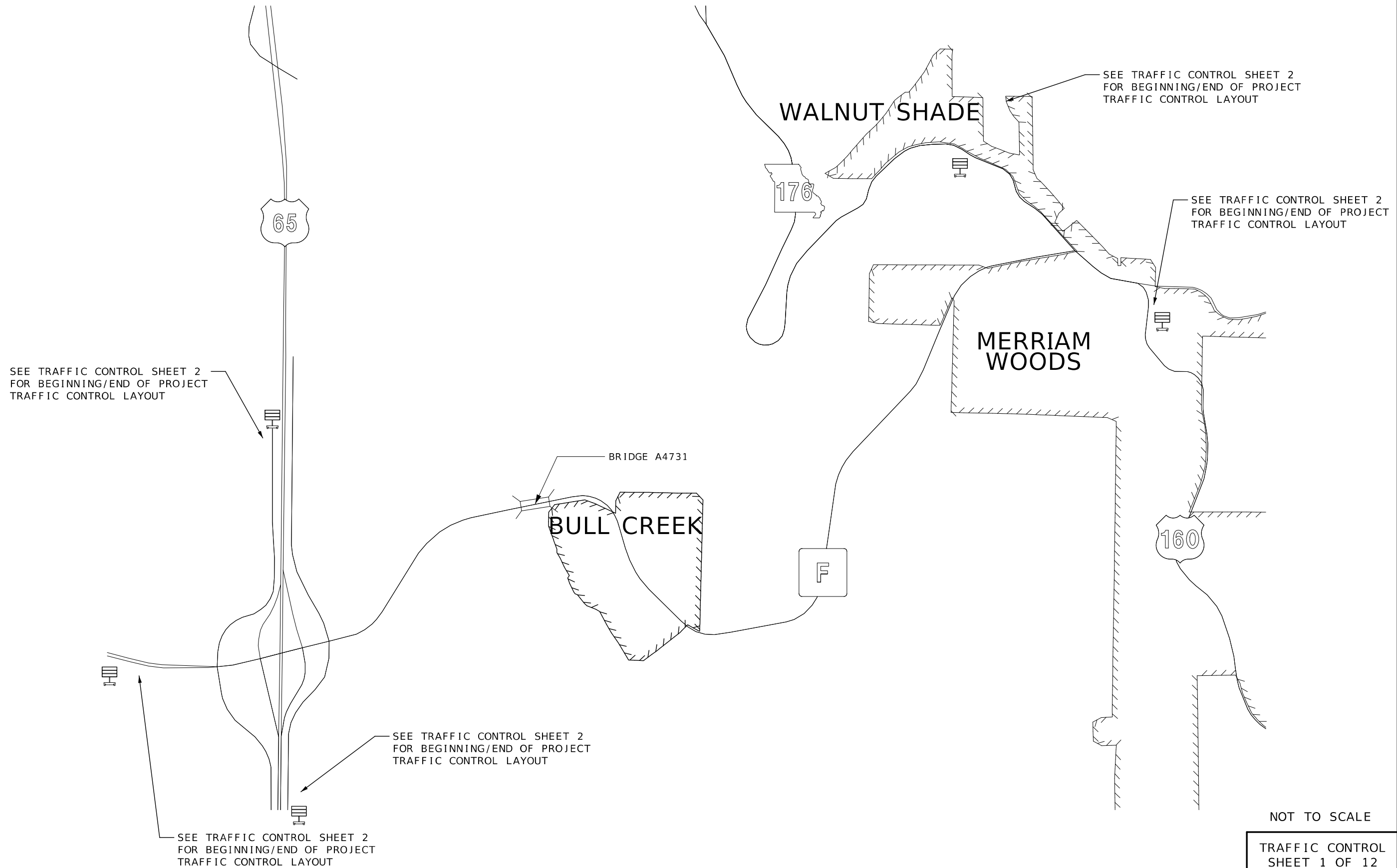
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL OVERVIEW



DATE PREPARED
7/23/2026

ROUTE F	STATE MO
------------	-------------

DISTRICT	SHEET NO.
SW	8

COUNTY
TANEY

JOB NO.
JSR0038

CONTRACT ID.

PROJECT NO.

BRIDGE NO.					

[illegible]

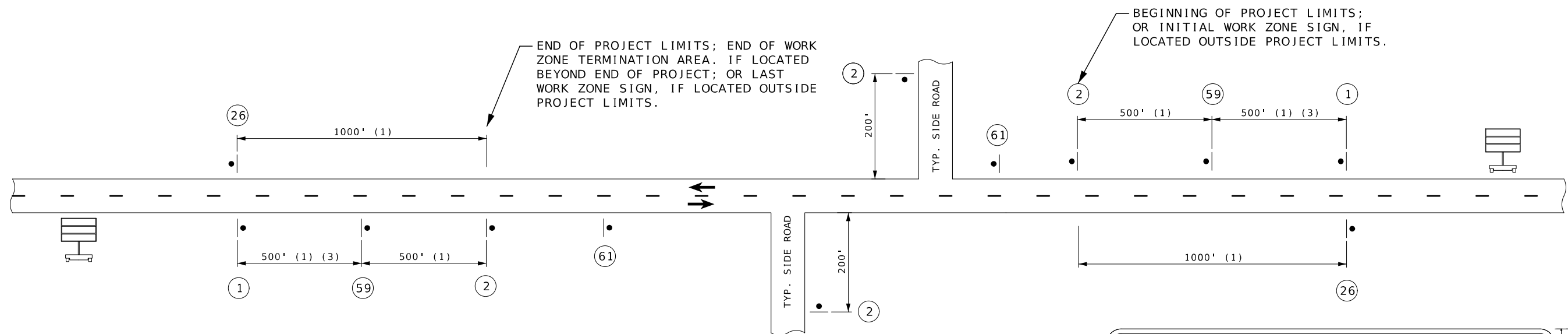
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO. 65102

NOT TO SCALE

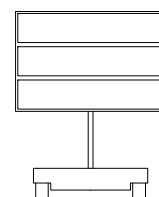
TRAFFIC CONTROL
SHEET 1 OF 12

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.



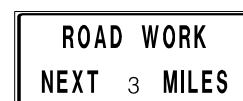
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.
WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE
WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

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

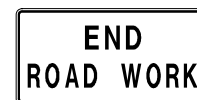


WORK ZONE
NO PHONE
ZONE

(59) (3)



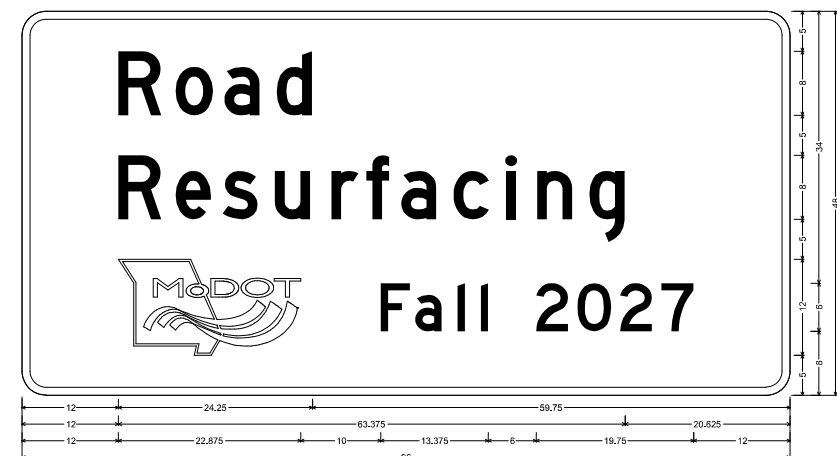
① (5)



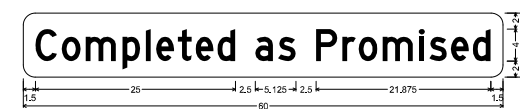
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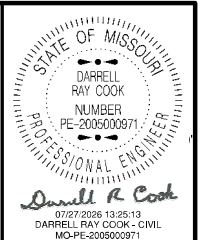
2



(61) (2)



TRAFFIC CONTROL
SHEET 2 OF 12



DATE PREPARED
7/23/2026

ROUTE	STATE
5	MO

F	MO
DISTRICT	SHEET NO.
SW	9

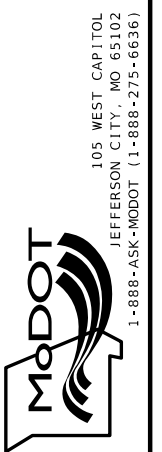
COUNTY
TANEY

JOB NO.
JSR0038

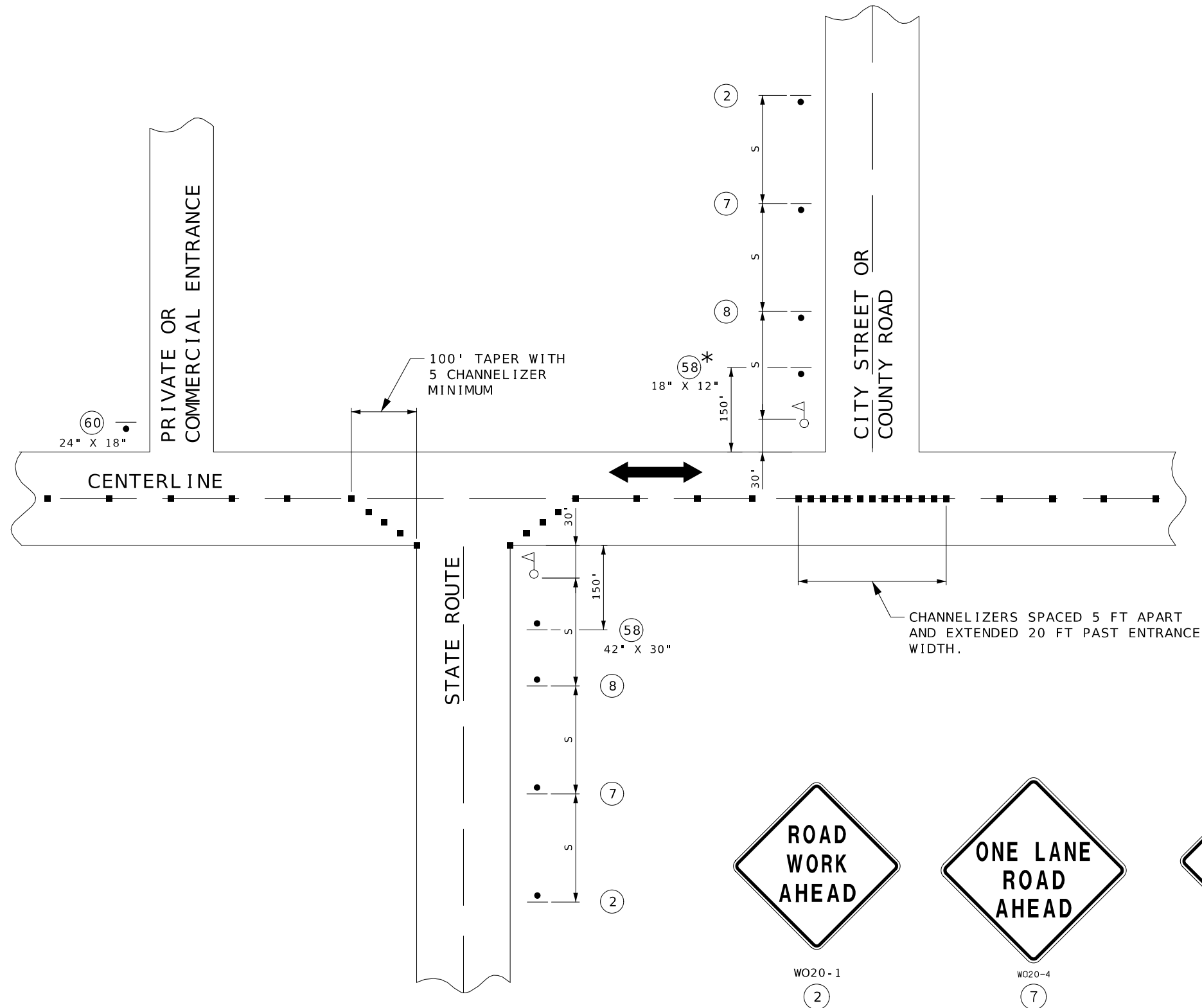
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

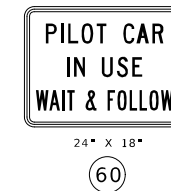
■ CHANNELIZER

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



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.).

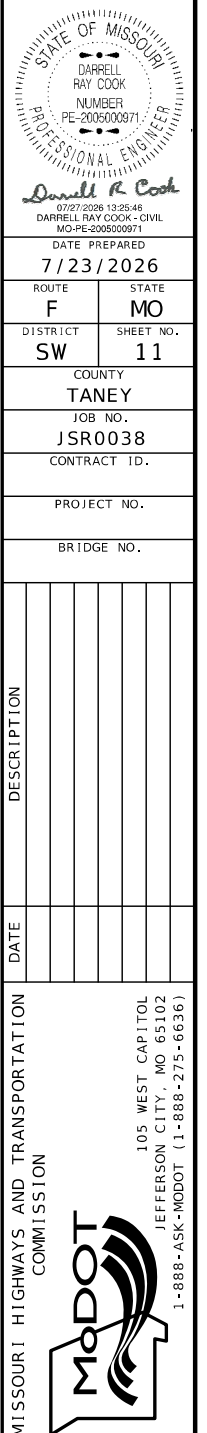


SHALL ONLY BE USED
AT PRIVATE AND
COMMERCIAL ENTRANCES.
SEE STD PLAN 616.10
FOR SIGN DETAILS.



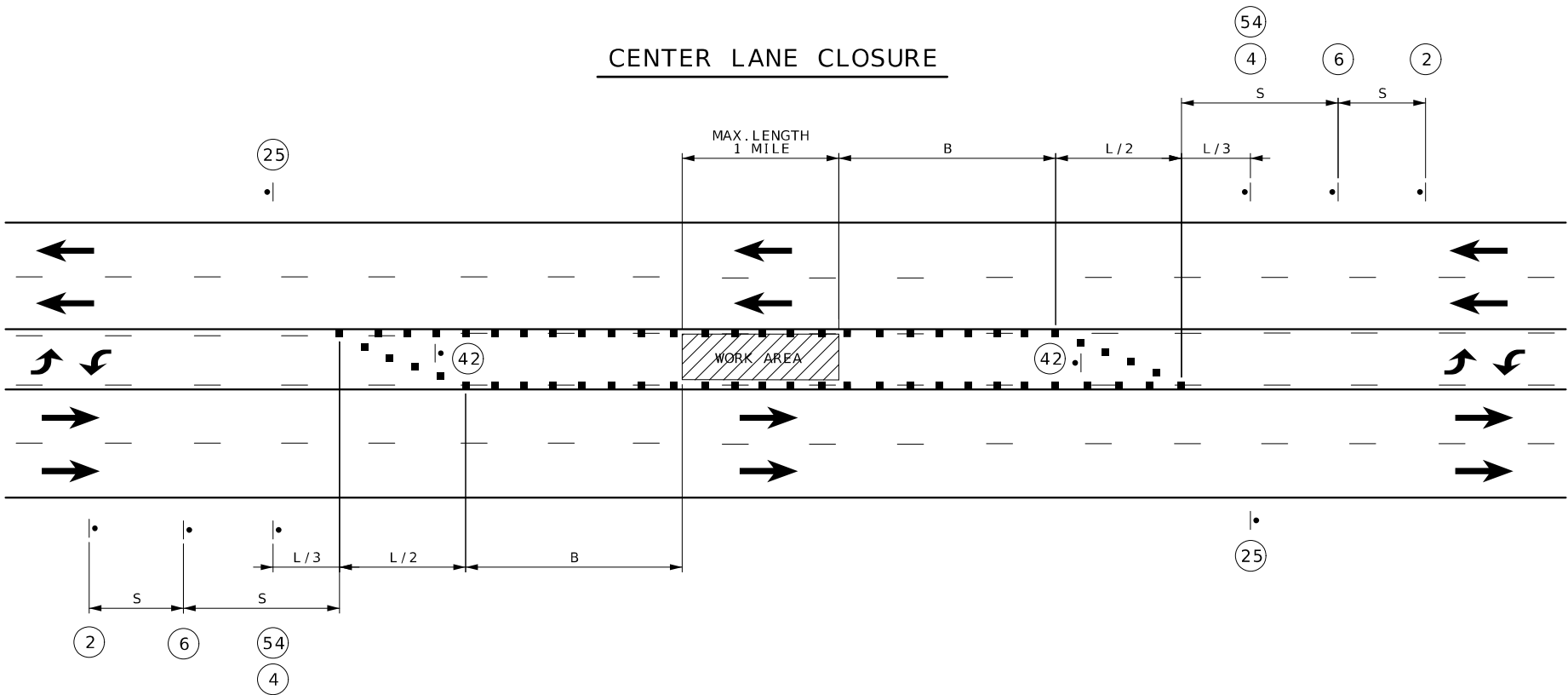
NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 12





TRAFFIC CONTROL
SHEET 6 OF 12



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
	UNDIVIDED (S)				BUFFER LENGTH (FT) (B)		
		10 FT	11 FT	12 FT		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.

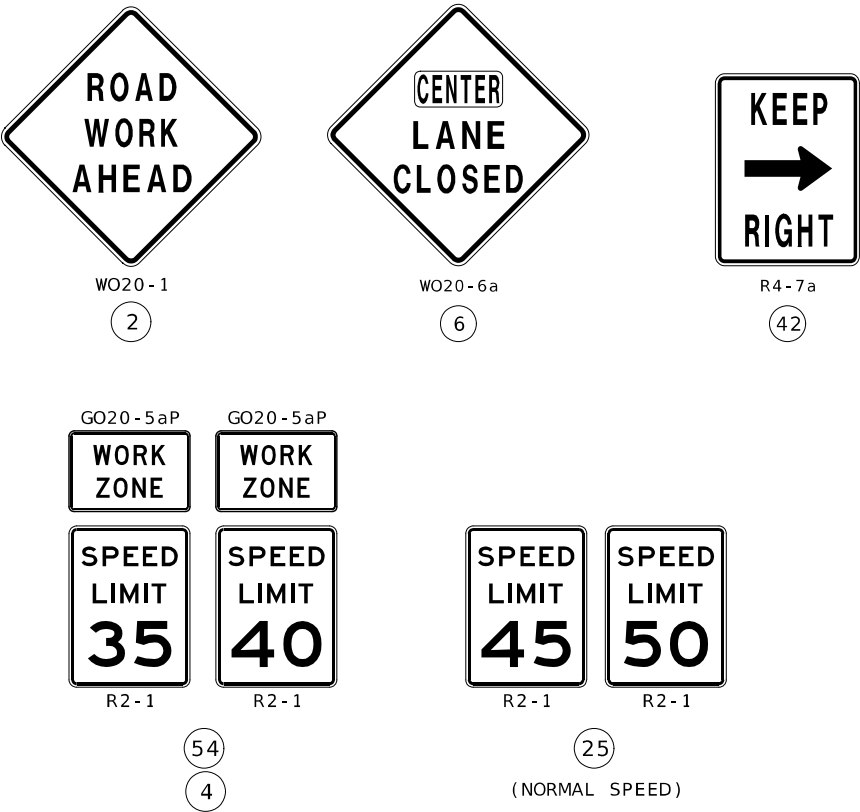
FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

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.



STATE OF MISSOURI
DARRELL RAY COOK
NUMBER
PE-2005000971
PROFESSIONAL ENGINEER
Darrell R. Cook
07/27/2026 13:26:22
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
7/23/2026

ROUTE
F

STATE
MO

DISTRICT
SW

SHEET NO.
14

COUNTY
TANEY

JOB NO.
JSR0038

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

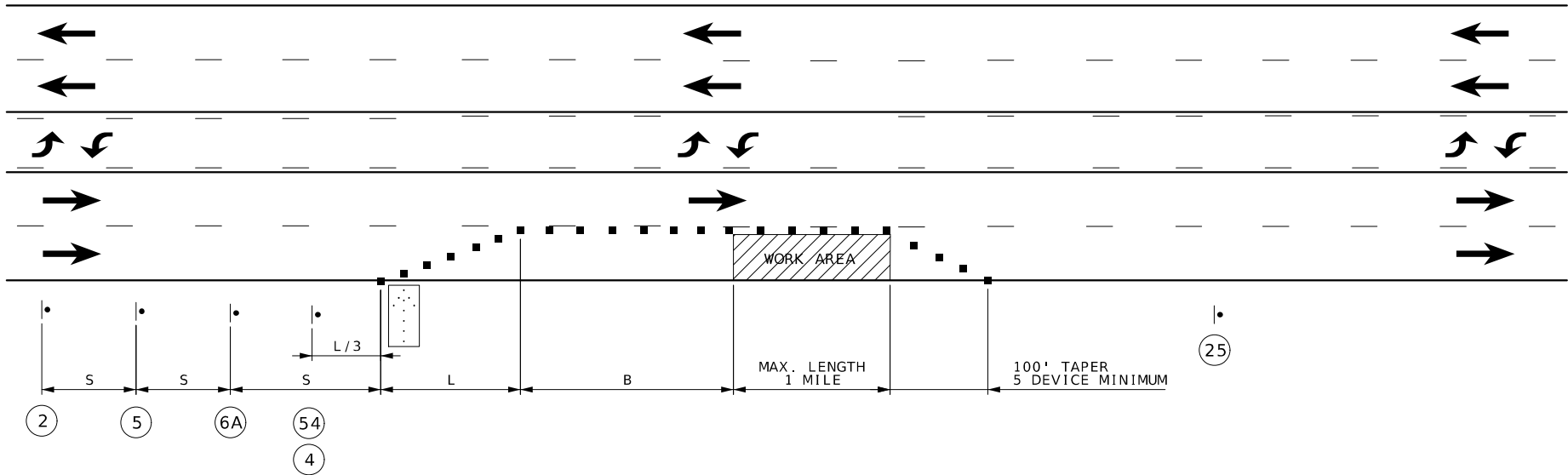
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

OUTSIDE LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
	UNDIVIDED (S)				BUFFER LENGTH (FT) (B)		
NORMAL POSTED (MPH)		10 FT	11 FT	12 FT		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.

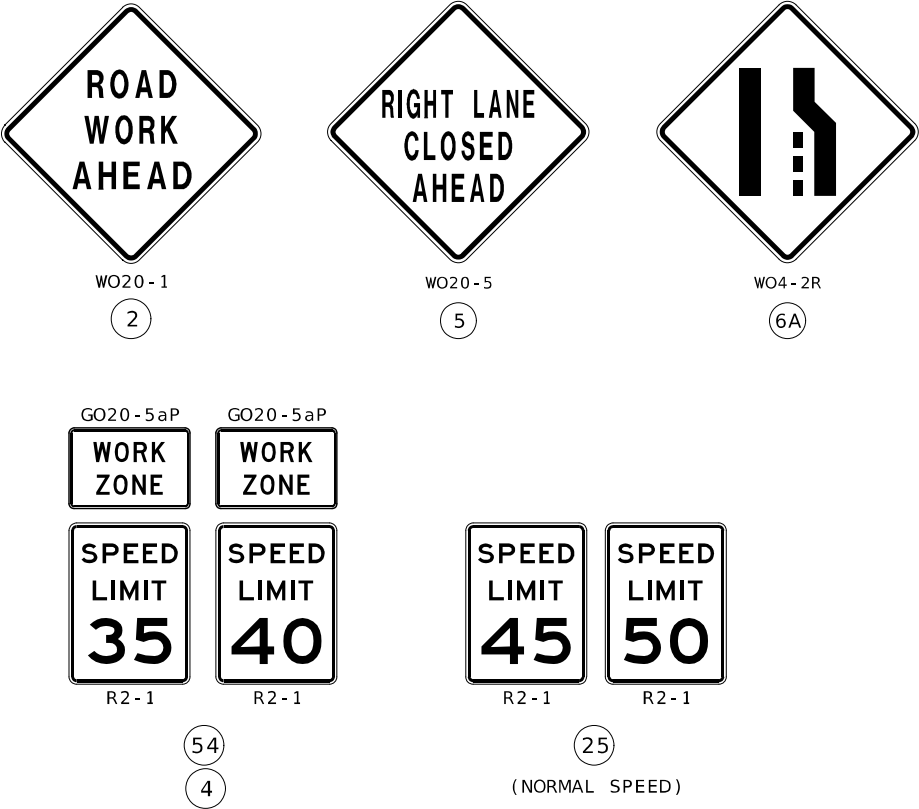
FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

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.



STATE OF MISSOURI

DARRELL RAY COOK

NUMBER

PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook

07/27/2026 13:26:34

DARRELL RAY COOK - CIVIL

MO-PE-2005000971

DATE PREPARED

7/23/2026

ROUTE

F

STATE

MO

DISTRICT

SW

SHEET NO.

15

COUNTY

TANEY

JOB NO.

JSR0038

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

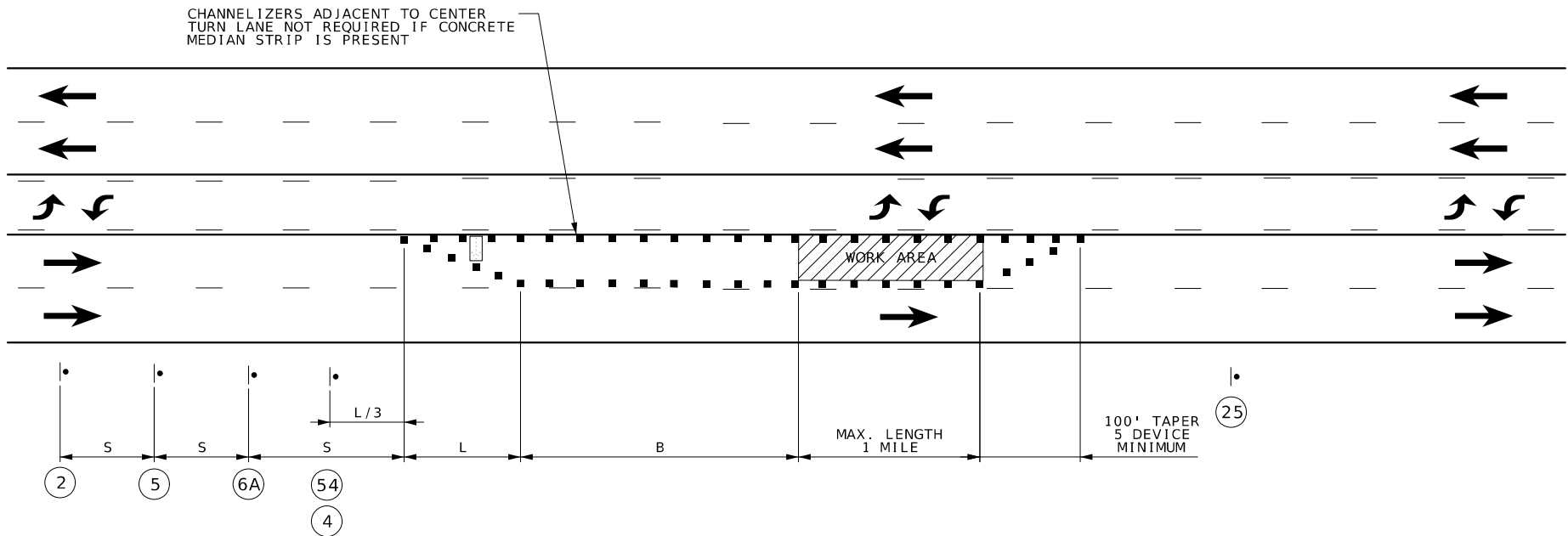
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

PASSING LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
	UNDIVIDED (S)				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.

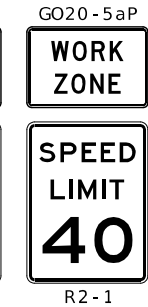
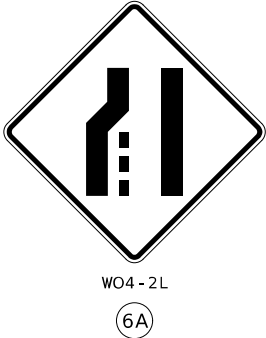
FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

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.

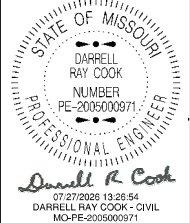


54
4

25
(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 9 OF 12



DATE PREPARED
7/23/2026

ROUTE F	STATE MO
DISTRICT SW	SHEET NO. 16

COUNTY
TANEY

JOB NO.
JSR0038

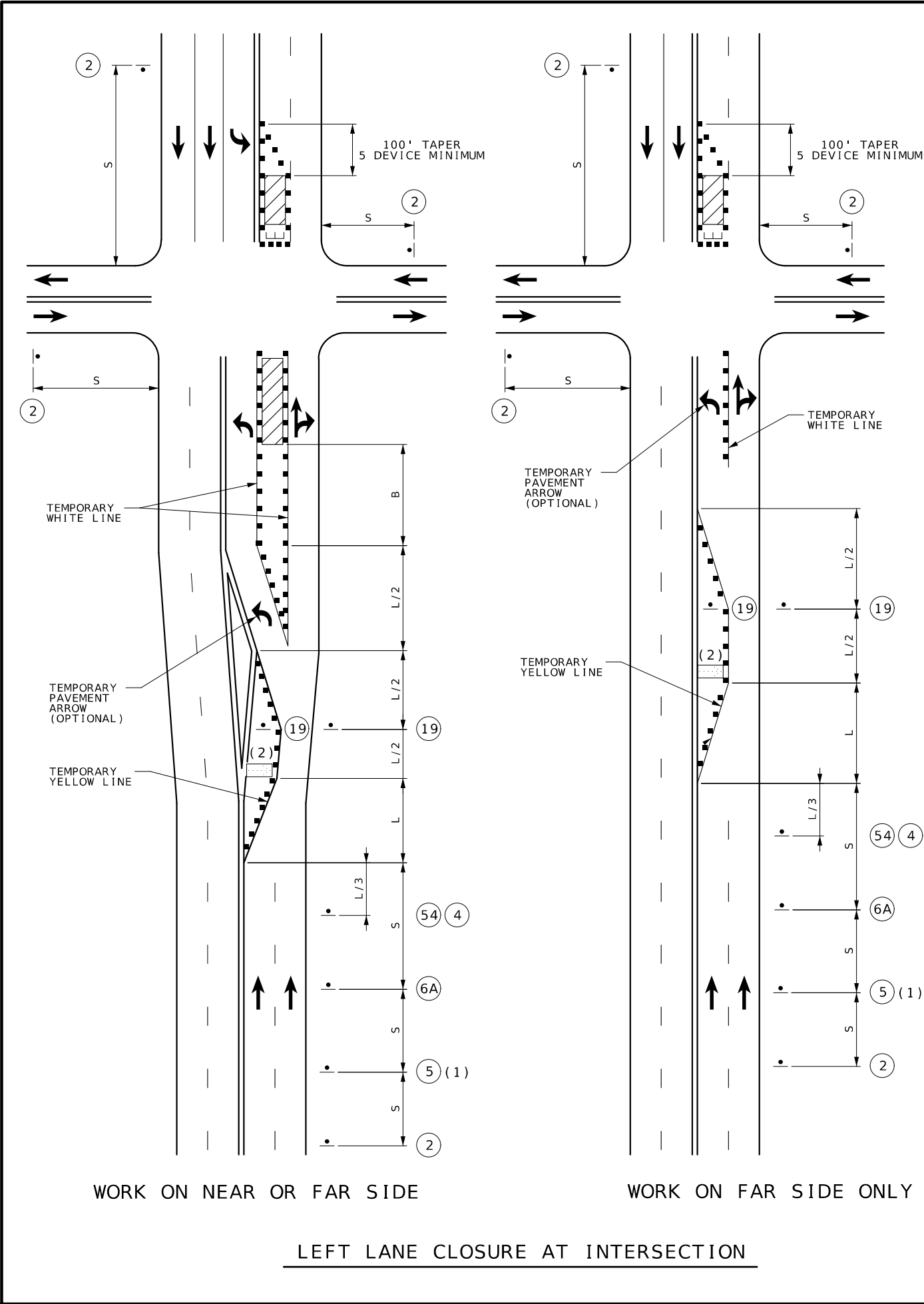
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE



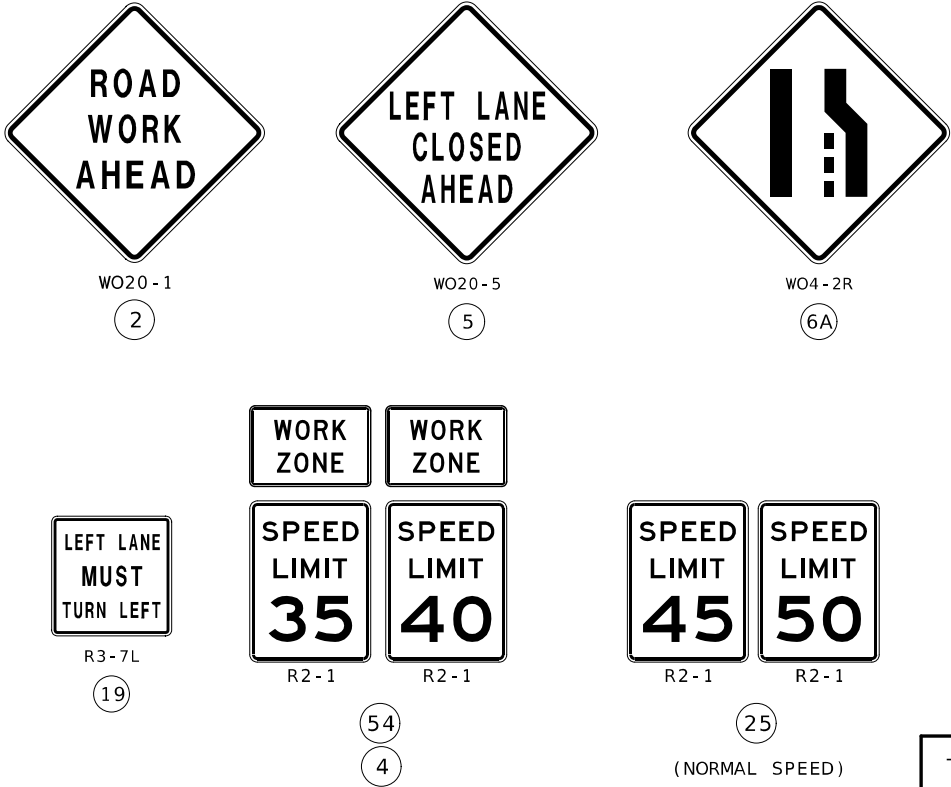


SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)				BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
			10 FT	11 FT	12 FT			
NORMAL POSTED (MPH)								
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	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



NOT TO SCALE
TRAFFIC CONTROL
SHEET 10 OF 12

STATE OF MISSOURI
DARRELL RAY COOK
NUMBER
PE-2005000971
PROFESSIONAL ENGINEER
Darrell R Cook
07/27/2026 13:27:08
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
7/23/2026

ROUTE
F

DISTRICT
SW

COUNTY
TANEY

JOB NO.
JSR0038

CONTRACT ID.

PROJECT NO.

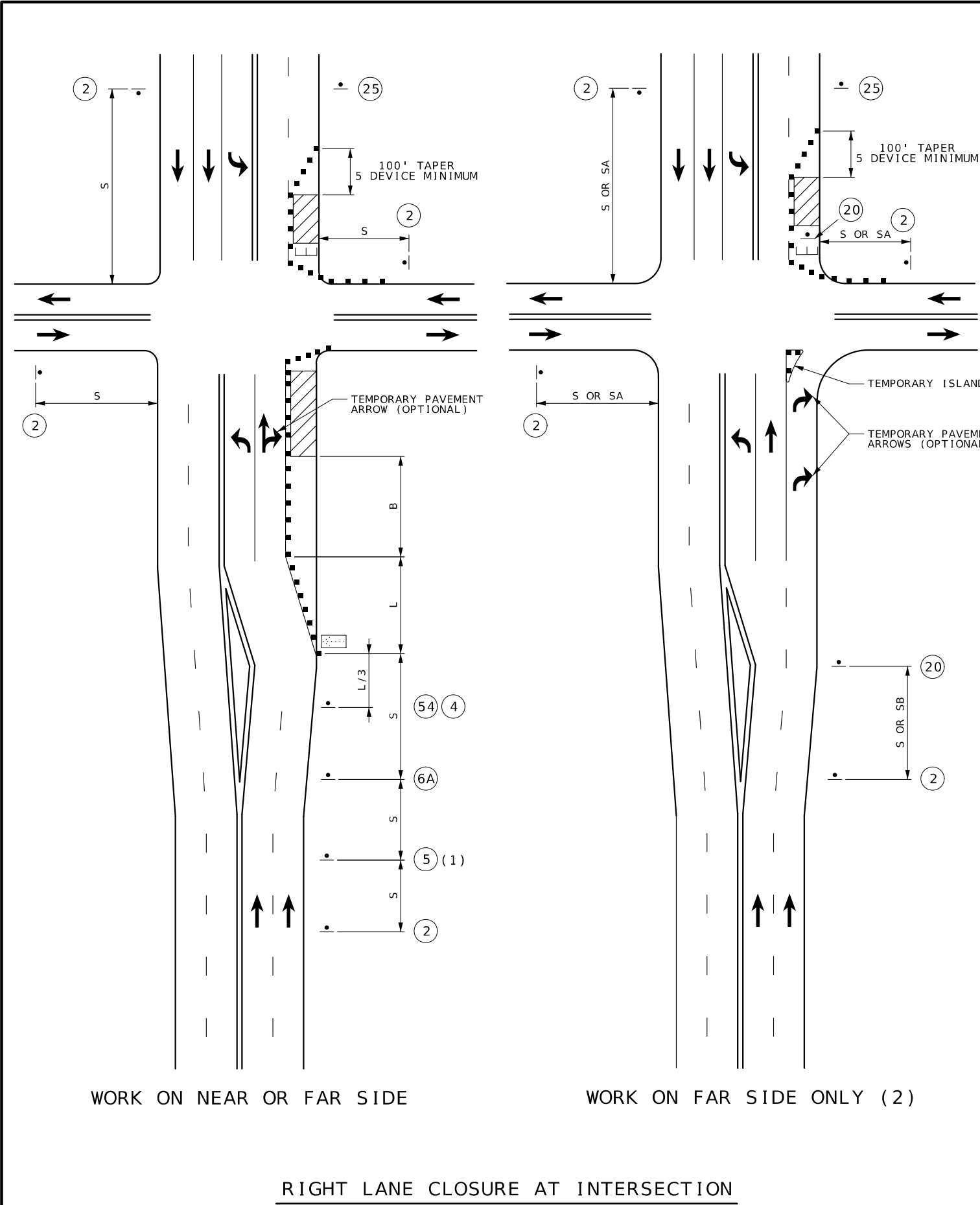
BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)				BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
			10 FT	11 FT	12 FT			
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-FOOT 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

W020-1
(2)

W020-5
(5)

W04-2R
(6A)

R3-7L
(19)

WORK ZONE

R2-1
(54)
(4)

R2-1

R2-1
(25)
(NORMAL SPEED)

R2-1

NOT TO SCALE
TRAFFIC CONTROL
SHEET 11 OF 12

STATE OF MISSOURI
DARRELL RAY COOK
NUMBER
PE-2005000971
PROFESSIONAL ENGINEER
Darrell R. Cook
07/27/2026 13:27:19
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
7/23/2026

ROUTE STATE
F MO

DISTRICT SHEET NO.
SW 18

COUNTY
TANEY

JOB NO.
JSR0038

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

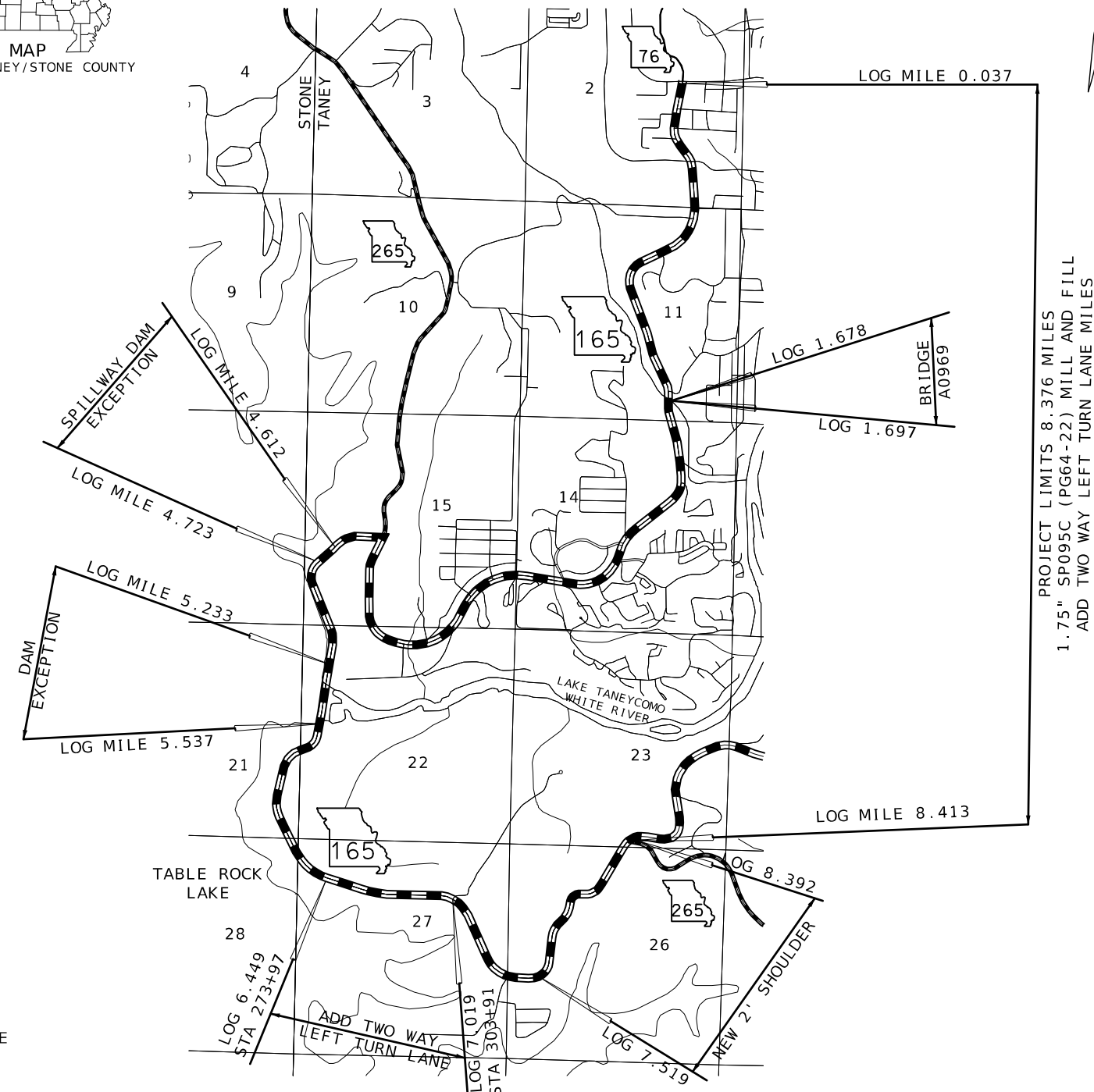
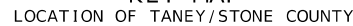
MoDOT

AADT 2027 =	13,470
ADDT 2037 =	15,098
D.H.V =	8.35 %
T =	9.89 %
V =	55 MPH
D =	51.8% / 48.2%

NO NEW R/W REQUIRED

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
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		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

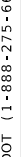
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
TANEY/STONE COUNTY



NOT TO SCALE

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (7 SHEETS)---	2
QUANTITIES (QU) (4 SHEET)-----	3
PLAN SHEET (PP)-----	4-9
SPECIAL SHEET (SS)-----	10-14
TRAFFIC CONTROL SHEETS (TC)-----	15-21
EROSION CONTROL SHEET (EC)-----	22-22
PAVEMENT MARKING SHEET (PM)-----	23-24
CULVER SECTION SHEET (CS)-----	25-25
CROSS SECTION SHEET (XS)-----	26-37

DATE PREPARED	
8/10/2026	
ROUTE	STATE
165	MO
DISTRICT	SHEET NO.
SW	1
COUNTY	
TANEY/STONE	
JOB NO.	
JSR0228	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

LOG MILES FROM 2024 ARAN

BEGINNING OF PROJECT	LM.	0.037
END OF PROJECT	LM.	8.413
APPROXIMATE LENGTH		44,225.28 FEET
EQUATIONS AND EXCEPTIONS:		
BRIDGE	LM	1.678 - 1.697 100.32 FT
SPILLWAY DAM	LM	4.612 - 4.723 586.08 FT
TABLE ROCK DAM	LM	5.233 - 5.537 1605.12 FT

TOTAL CORRECTIONS	2,291.52	FEET
NET LENGTH OF PROJECT	41,933.76	FEET
STATE LENGTH	7.942	MILES
FOR INFORMATION ONLY		
ESTIMATED DISTURBED ACRES	1	ACRES

NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH. ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS. NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL

COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

WHEN THE EXISTING TWO LANE ROADWAY HAS A PAVEMENT WIDTH EXCEEDING 24 FEET, THE CONTRACTOR SHALL MILL THE EXISTING SURFACE TO A UNIFORM WIDTH OF 24 FEET, PLACE NEW ASPHALT TO RESTORE THE MILLED SECTION, AND RELOCATE ALL PAVEMENT MARKINGS TO ALIGN WITH THE RECONSTRUCTED 24 FOOT ROADWAY SECTION.

EXCEPTION:

BRIDGE A0969 - LOG MILE 1.678 TO LOG MILE 1.697
SPILLWAY - LOG MILE 4.612 TO LOG MILE 4.723
DAM - LOG MILE 5.233 TO LOG MILE 5.537

ASPHALT FACTORS

COMBINED FACTOR

SP095C (PG64-22)	1.960 TONS/CY
SP250C (PG64-22)	2.010 TONS/CY
BP-2 (PG64-22)	1.965 TONS/CY
BP-1 (PG64-22)	1.975 TONS/CY

TACK COAT

MILLING	0.10 GAL/SY
---------	-------------

PRIME LIQUID ASPHALT MC 800

PERMANENT AGGREGATE EDGE TREATMENT	0.25 GAL/SY
---------------------------------------	-------------

IRREGULARITIES: 75 TONS/MI



Darrell R Cook
08/04/2026 06:52:12
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED

7/31/2026

ROUTE STATE

165 MO

DISTRICT SHEET NO.

SW 2

COUNTY

TANEY/STONE

JOB NO.

JSR0228

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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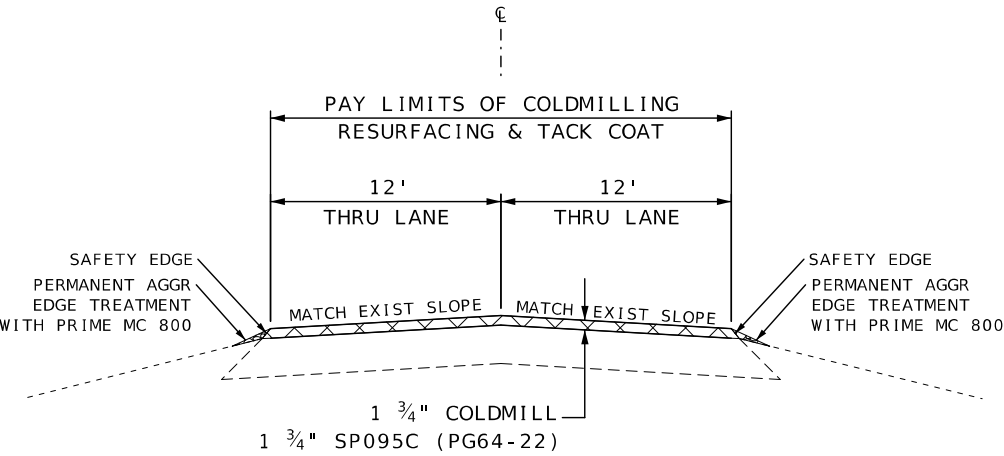
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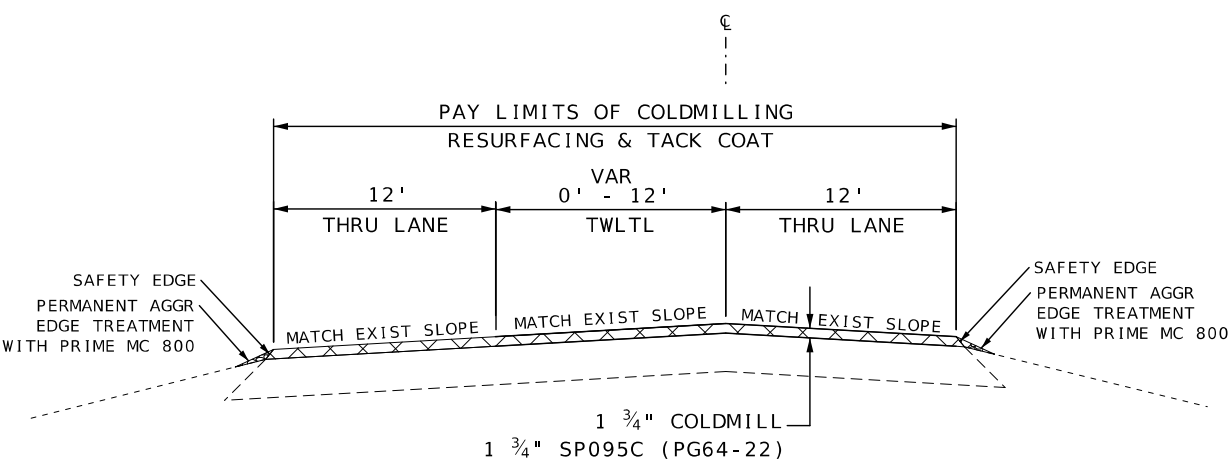
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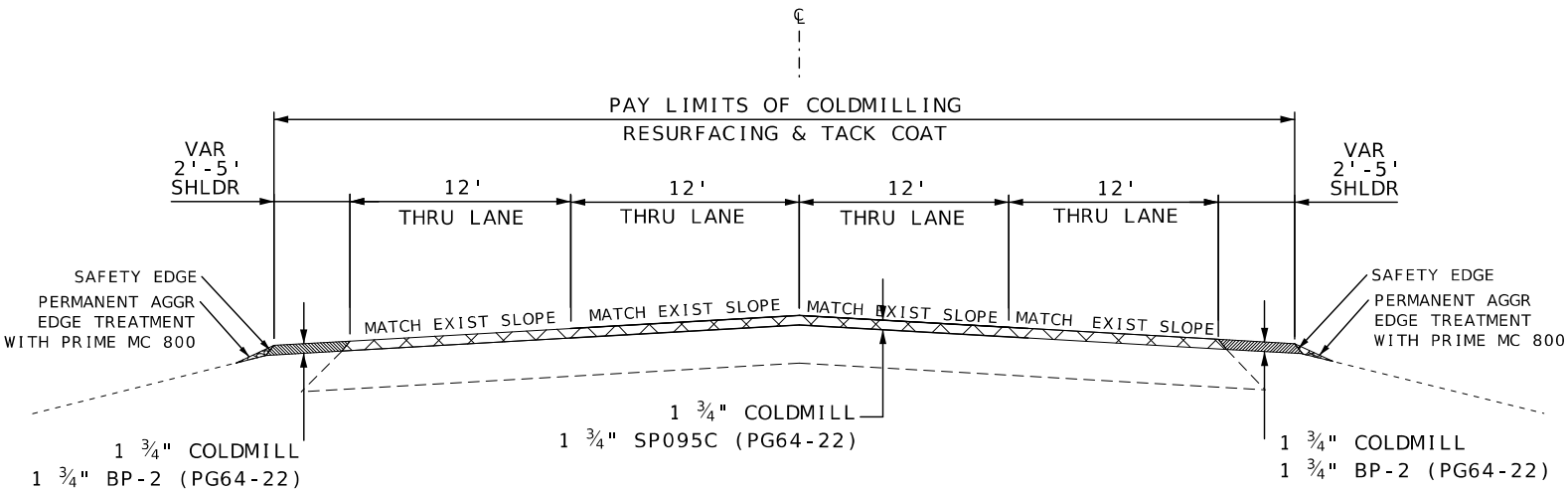
ROUTE 165

LOG MILE 0.037 TO LOG MILE 0.304
LOG MILE 0.491 TO LOG MILE 0.824
LOG MILE 0.929 TO LOG MILE 1.214
LOG MILE 1.360 TO LOG MILE 2.008
LOG MILE 2.960 TO LOG MILE 3.607
LOG MILE 8.392 TO LOG MILE 8.413



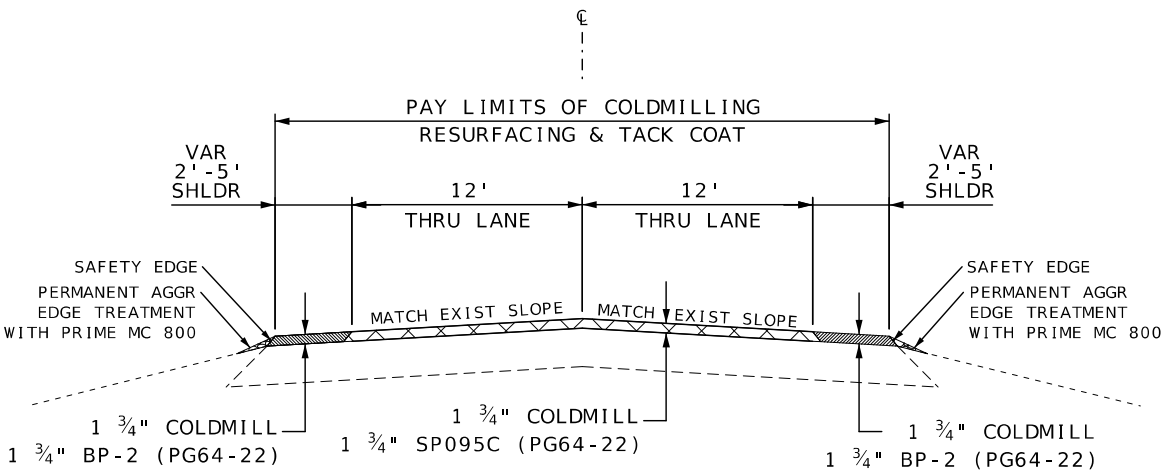
ROUTE 165

LOG MILE 0.304 TO LOG MILE 0.491
LOG MILE 0.824 TO LOG MILE 0.929
LOG MILE 1.214 TO LOG MILE 1.358
LOG MILE 2.008 TO LOG MILE 2.960



ROUTE 165

LOG MILE 3.607 TO LOG MILE 4.283



ROUTE 165

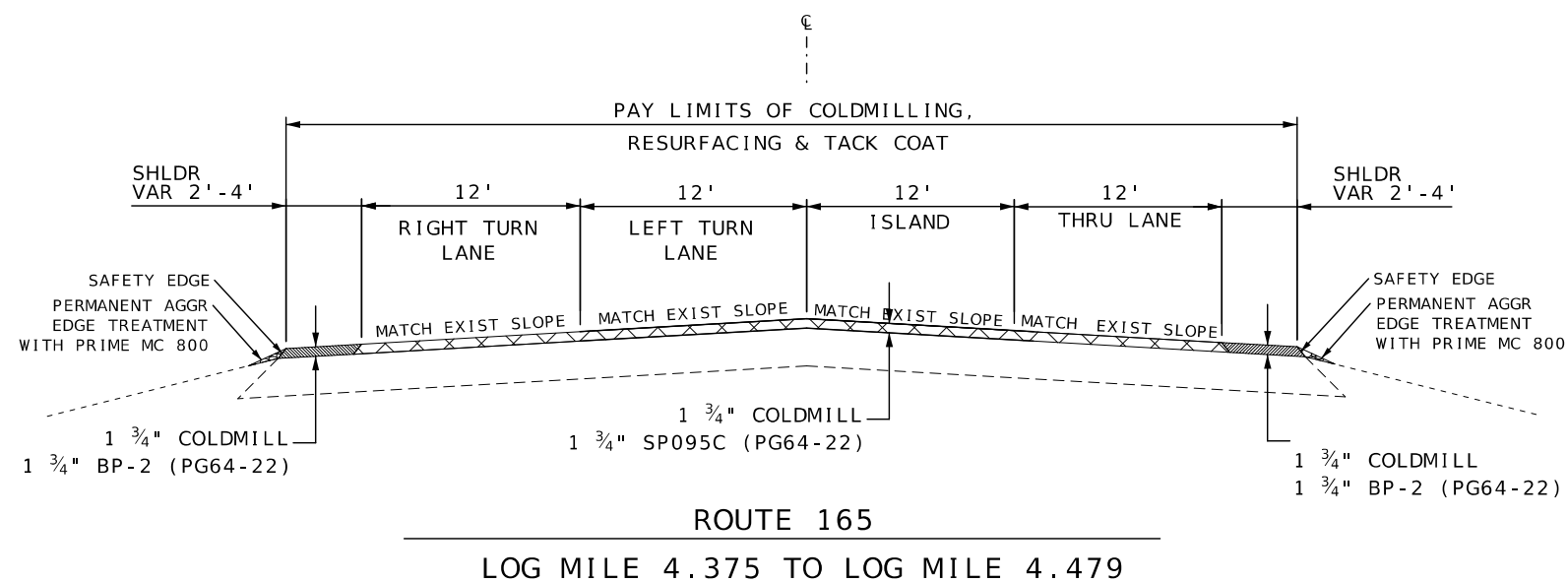
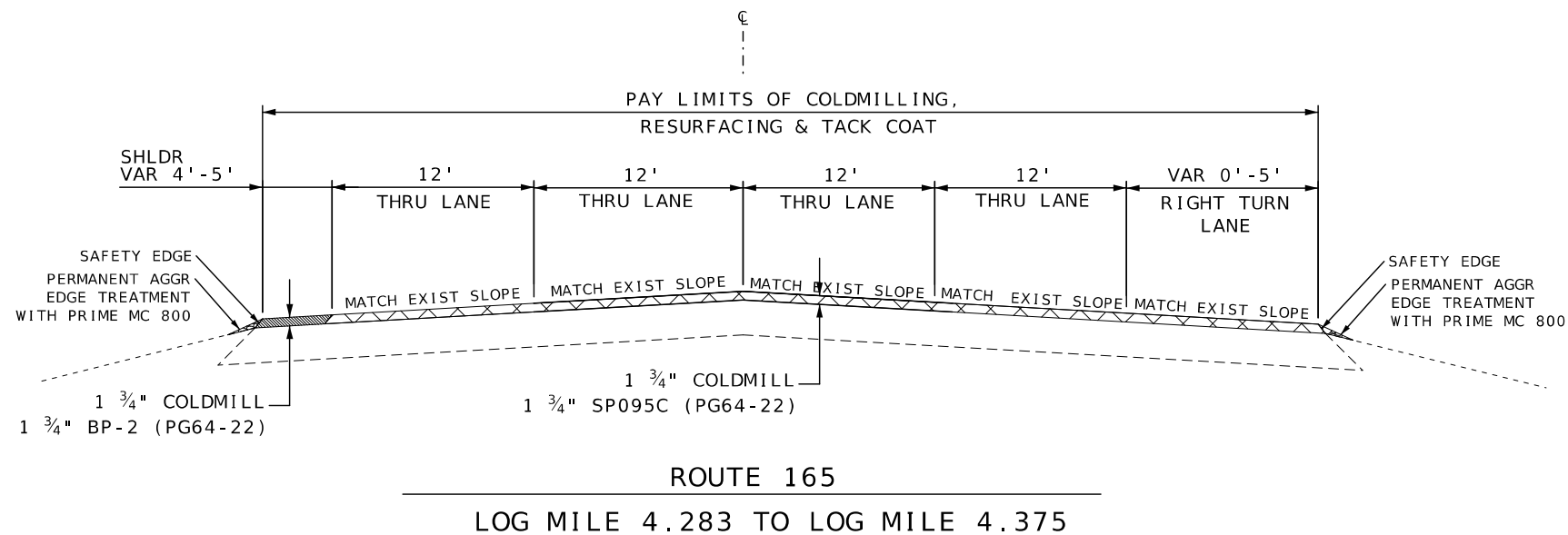
LOG MILE 4.720 TO LOG MILE 5.246
LOG MILE 5.546 TO LOG MILE 5.945
LOG MILE 6.082 TO LOG MILE 6.449
LOG MILE 7.019 TO LOG MILE 7.519

TYPICAL SECTIONS
SHEET 1 OF 7

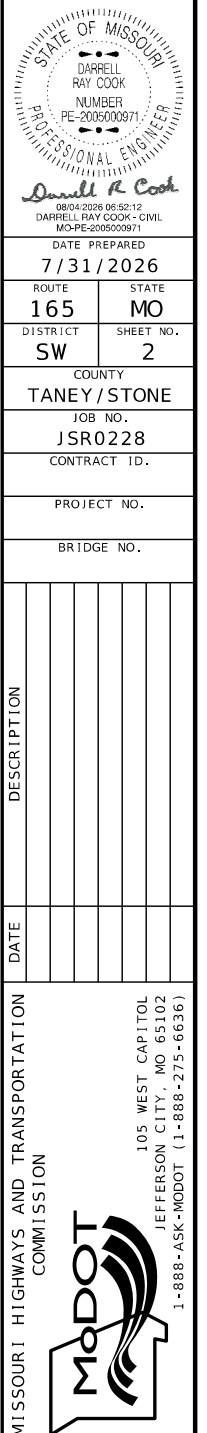
WHEN THE EXISTING TWO LANE ROADWAY HAS A PAVEMENT WIDTH EXCEEDING 24 FEET, THE CONTRACTOR SHALL MILL THE EXISTING SURFACE TO A UNIFORM WIDTH OF 24 FEET, PLACE NEW ASPHALT TO RESTORE THE MILLED SECTION, AND RELOCATE ALL PAVEMENT MARKINGS TO ALIGN WITH THE RECONSTRUCTED 24 FOOT ROADWAY SECTION

BRIDGE A0969 - LOG MILE 1.678 TO LOG MILE 1.697
 SPILLWAY - LOG MILE 4.612 TO LOG MILE 4.723
 DAM - LOG MILE 5.233 TO LOG MILE 5.537

ASPHALT FACTORS	
<u>COMBINED FACTOR</u>	
SP095C (PG64-22)	1.960 TONS/CY
SP250C (PG64-22)	2.010 TONS/CY
BP-2 (PG64-22)	1.965 TONS/CY
BP-1 (PG64-22)	1.975 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE EDGE TREATMENT	0.25 GAL/SY
IRREGULARITIES: 75 TONS/MI	



TYPICAL SECTIONS
SHEET 2 OF 7



IF THE CONTRACTOR ELECTS TO USE CONCRETE FOR THE SHOULDERS, THE QUANTITY OF ASPHALT AND TACK SHALL BE ADJUSTED IN ACCORDANCE WITH THE JOB SPECIAL PROVISION-OPTIONAL SHOULDER.

LINEAR GRADING CLASS 2 FOR SHOULDERS CONFINED TO
FORESLOPE.

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

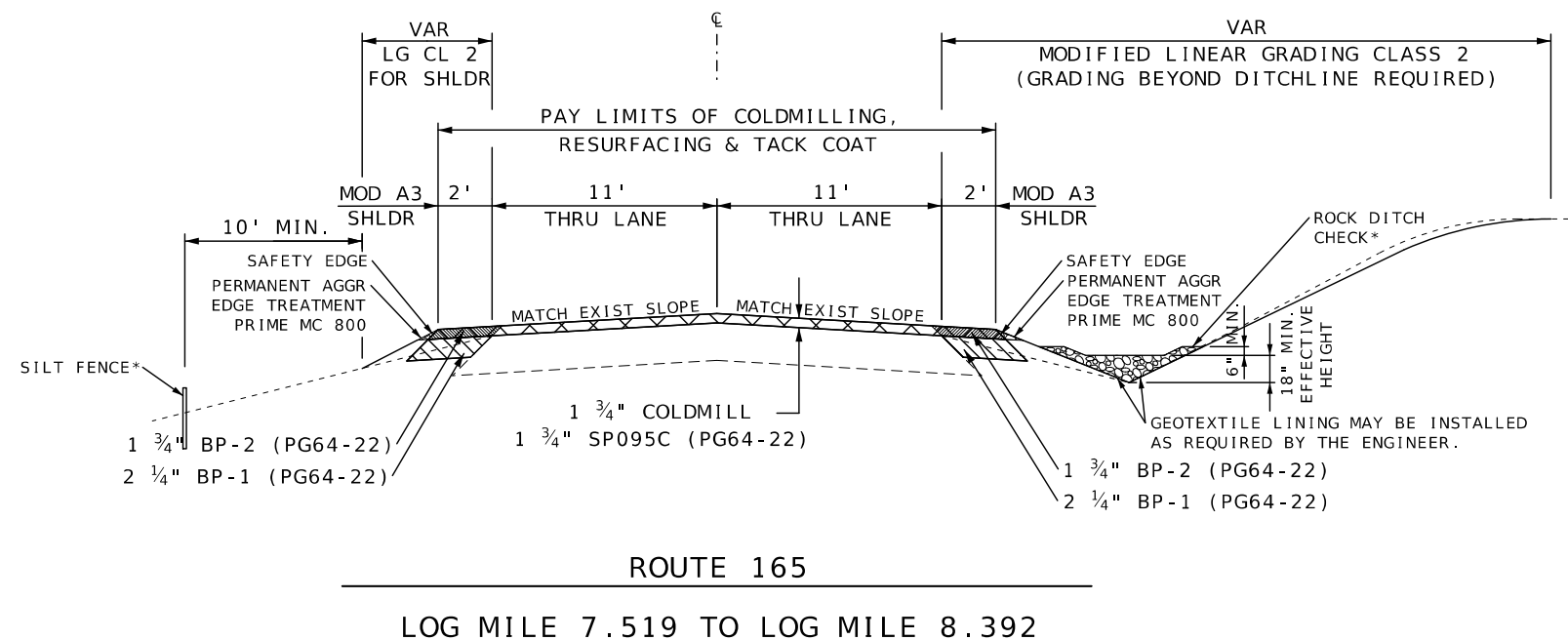
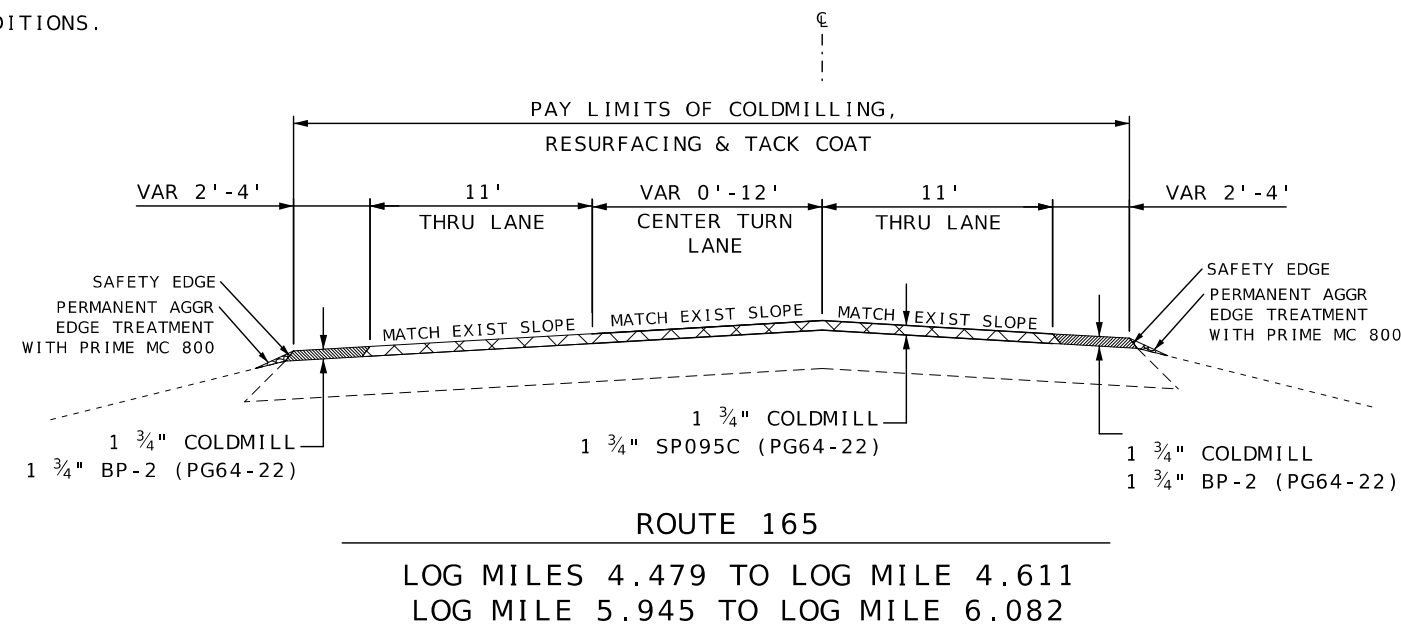
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

EXCEPTION:

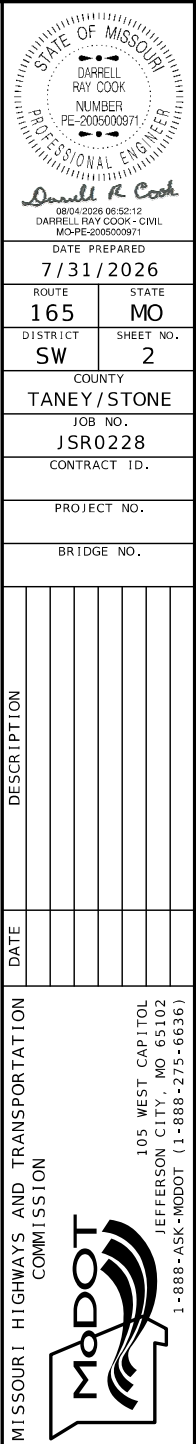
BRIDGE A0969 - LOG MILE 1.678 TO LOG MILE 1.697
 SPILLWAY - LOG MILE 4.612 TO LOG MILE 4.723
 DAM - LOG MILE 5.233 TO LOG MILE 5.537

ASPHALT FACTORS	
<u>COMBINED FACTOR</u>	
SP095C (PG64-22)	1.960 TONS/CY
SP250C (PG64-22)	2.010 TONS/CY
BP-2 (PG64-22)	1.965 TONS/CY
BP-1 (PG64-22)	1.975 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE EDGE TREATMENT	0.25 GAL/SY
IRREGULARITIES: 75 TONS/MI	



* AT LOCATIONS SHOWN ON THE QUANTITY SHEETS, ALL DEVICES WILL BE INSTALLED AS NECESSARY AT THE DISCRETION OF THE ENGINEER.

TYPICAL SECTIONS
SHEET 4 OF 7

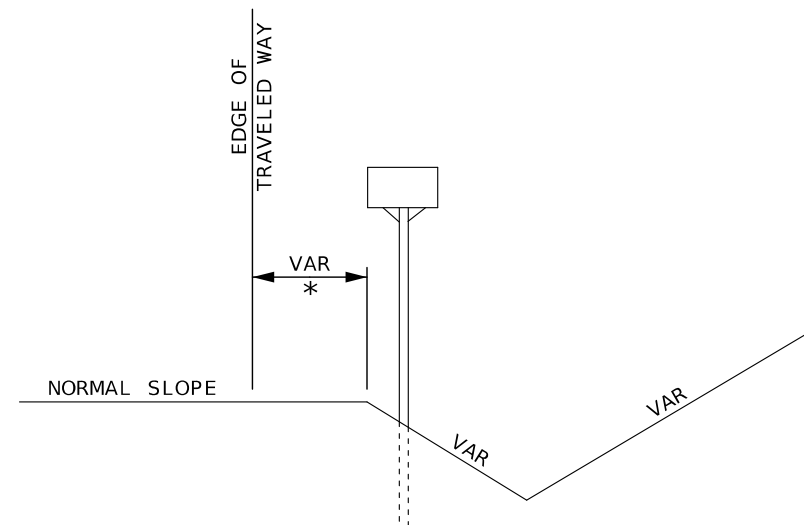


STATE OF MISSOURI
 DARRELL
 RAY COOK
 NUMBER
 PE-2005000971
 PROFESSIONAL ENGINEER
Darrell R Cook
 08/04/2026 05:52:12
 DARRELL RAY COOK - CIVIL

TYPICAL MAILBOX TURNOUT

The diagram illustrates the placement of a mailbox on a road shoulder. Key features include:

- MAILBOX LOCATION:** A small rectangle representing the mailbox, positioned on the shoulder.
- EDGE OF TRAVELED WAY:** The boundary between the travel lane and the shoulder.
- NORMAL SHOULDER LINE:** A dashed line indicating the standard shoulder width.
- EDGE OF SURFACING:** A solid line indicating the edge of the paved area.
- Dimensions:**
 - VAR:** Variable distance, shown for the mailbox offset and shoulder width.
 - * VAR:** Multiple of the variable distance, shown for the total shoulder width and the distance from the travel lane to the mailbox.
 - ADD 2' FOR EACH ADDITIONAL MAILBOX:** A note indicating the required additional space for multiple mailboxes.



The diagram illustrates the measurement of a shoulder width. A horizontal line represents the road surface. A vertical line on the left is labeled "EDGE OF TRAVELED WAY". A vertical line on the right is labeled "EDGE OF NEW SHOULDER". The horizontal distance between these two lines is marked with a double-headed arrow and labeled "2'". To the right of the "EDGE OF NEW SHOULDER" line, the road surface slopes downward. A vertical line segment is drawn from the "EDGE OF NEW SHOULDER" line to the sloped surface, labeled "VAR *". The sloped surface is labeled "NORMAL SHOULDER SLOPE". A dashed vertical line extends from the "EDGE OF NEW SHOULDER" line down to the sloped surface. The distance along the sloped surface from the dashed line to a point further right is labeled "VAR". A rectangular box is positioned above the sloped surface, with a vertical line extending from its bottom center to the sloped surface.

DATE PREPARED	
7/31/2026	
ROUTE	STATE
165	MO
DISTRICT	SHEET NO.
SW	2
COUNTY	
TANEY / STONE	
JOB NO.	
JSR0228	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

MO-PE-20050097/1	
DATE	PREPARED
7/31/2026	
ROUTE	STATE
165	MO
DISTRICT	SHEET NO.
SW	2
COUNTY	
TANEY / STONE	
JOB NO.	
JSR0228	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

The diagram illustrates a cross-section of a two-lane road. A central dashed line represents the centerline. On either side of the centerline, there is a lane and a shoulder. The lane width is indicated as 10' MINIMUM. The shoulder width is indicated as 10' MINIMUM. The total width of the road, including both lanes and shoulders, is indicated as 22' MINIMUM. The edges of the road are labeled EOP (End of Pavement). A note at the bottom states: "RUMBLE STRIPS OMITTED WHERE LANE WIDTHS OF 10' MINIMUM CANNOT BE ACHIEVED".

Diagram illustrating a T-intersection. The approach lane is marked with a centerline rumble strip, labeled "CENTERLINE RUMBLE STRIP". The intersection is labeled "RESIDENTIAL, COMMERCIAL, OR SIDE ROAD". Arrows indicate traffic flow: left and right lanes merging into the through lane.

7/31/2026

DISTRICT	SHEET NO.
SW	2

JOB NO.
JSR0228

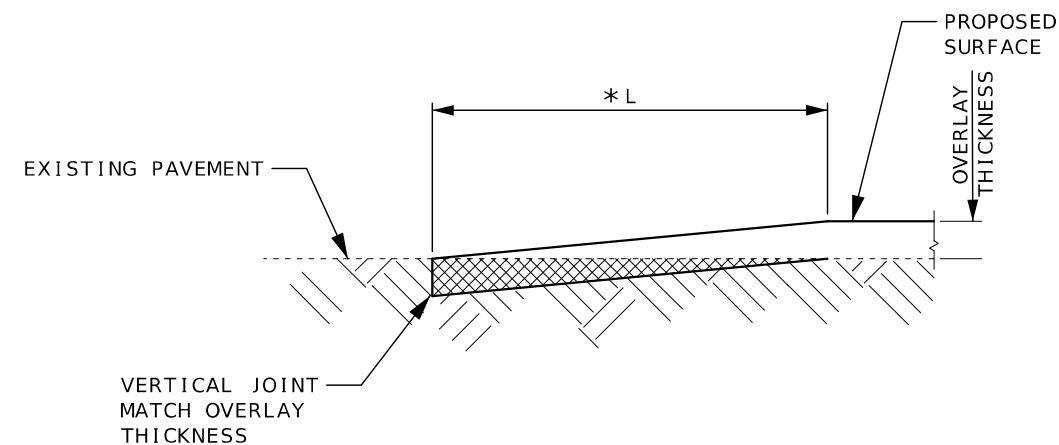
[illegible]

PROJECT NO.

BRIDGE NO.


 MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MDOT (1-888-275-6526)

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

A cross-sectional diagram of a pavement overlay. The existing pavement is shown at the bottom with a hatched pattern. A new overlay is applied on top, with a length indicated by a dimension line labeled $*L$. The overlay has a thickness labeled "OVERLAY THICKNESS". The top surface of the overlay is labeled "PROPOSED SURFACE".

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

TYPICAL SECTIONS
SHEET 7 OF 7

BITUMINOUS PAVEMENT													
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	APPROACH AREA	SP095C (64-22) 1.75" 1.960	SP250C (64-22) 8.25" 2.010	BP-2 1.75" 1.965	BP-1 2.25" 1.975	TYPE 5 AGGRE FOR BASE 6.00"	0.10 GAL TACK RATES	REMARKS
				LF	LF	SF	TONS	TONS	TONS	TONS	SY	GAL	
MO-165	0.037	-	0.302	1399.2	24.0		355.5					373.1	TWO LINES - URBAN AREA
MO-165	0.302	-	0.491	997.9		37915.2	401.4					421.3	URBAN AREA - BRANSON
MO-165	0.491	-	0.824	1758.2	24.0		446.7					468.9	URNS LINE TO FALLS PKWY.
MO-165	0.824	-	0.929	554.4		16822.3	178.1					186.9	URBAN AREA - BRANSON
MO-165	0.929	-	1.198	1420.3	24.0		360.9					378.7	URNS LINE TO LEGACY ACADEMY.
MO-165	1.198	-	1.371	913.4		27501.6	291.1					305.6	TWO LINES - URBAN AREA
MO-165	1.371	-	1.678	1621.0	24.0		411.9					432.3	BRIDGE A0969
MO-165	1.697	-	1.705	42.2	24.0		10.7					11.3	TWO LINES - URBAN AREA
MO-165	1.705	-	2.008	1599.8	24.0		406.5					426.6	TRANSITION TWO LANES THRU THREE LANES
MO-165	2.008	-	2.058	264.0		6529.0	69.1					72.5	THREE LINES - URBAN AREA
MO-165	2.058	-	2.920	4551.4	36.0		1734.6					1820.6	TRANSITION THREE LANES THRU TWO LANES
MO-165	2.920	-	2.964	232.3		7675.8	81.3					85.3	TWO LINES - URBAN AREA
MO-165	2.964	-	3.608	3400.3	24.0		863.9					906.7	TRANSITION TWO LANES THRU FOUR LANES
MO-165	3.608	-	3.624	84.5		8043.9	85.2					89.4	FOUR LINES - SHOULDER 16"
MO-165	3.624	-	4.320	3674.9	48.0		1867.4					1959.9	INTERSECTION BETWEEN MO 165 AND MO 265
MO-165	4.320	-	4.612	1541.8		65593.5	694.4					728.8	TWO LINES
MO-165	4.723	-	5.233	2692.8	24.0		684.2					718.1	SHOULDER 4'
MO-165	5.537	-	5.669	697.0	24.0		177.1					185.9	SHOULDER 4'
MO-165	5.669	-	5.672	15.8	24.0		4.0					4.2	TURN LINES TO SHOWBOAT
MO-165	5.672	-	5.917	1293.6	24.0		328.7					345.0	TURN LINES TO SHOWBOAT
MO-165	5.917	-	6.076	839.5		25747.7	272.6					286.1	SHOULDER 10'
MO-165	6.076	-	6.449	1969.4	24.0		500.4					525.2	TWO LINES
MO-165	6.449	-	7.019	3009.6	24.0		764.7					802.6	TWLT
MO-165	6.449	-	6.471	116.2	4.0		4.9	23.8			51.6		TWLT
MO-165	6.471	-	7.004	2814.2	8.0		238.3	1152.3			2499.0		TWLT
MO-165	7.004	-	7.019	79.2	4.0		3.4	16.2			35.2		TWO LINES
MO-165	7.019	-	8.413	7360.3	24.0		1870.1					1962.7	TWO LINES
MO-165	4.368	-	4.612	1288.3	4.0				54.7			57.3	COLDMILL WHERE EXISTING SHOULDER IS WIDER THAN 2'
MO-165	4.723	-	5.233	2692.8	4.0				114.3			119.7	COLDMILL WHERE EXISTING SHOULDER IS WIDER THAN 2'
MO-165	5.537	-	6.217	3590.4	4.0				152.4			159.6	COLDMILL WHERE EXISTING SHOULDER IS WIDER THAN 2'
MO-165	6.217	-	6.449	1225.0	4.0				52.0			54.4	COLDMILL WHERE EXISTING SHOULDER IS WIDER THAN 2'
MO-165	6.449	-	7.019	3009.6	4.0				127.8	165.1			COLDMILL WHERE EXISTING SHOULDER IS WIDER THAN 2'
MO-165	7.019	-	7.519	2640.0	4.0				112.1			117.3	COLDMILL WHERE EXISTING SHOULDER IS WIDER THAN 2'
MO-165	7.519	-	8.392	4609.4	4.0				195.7	252.9			NEW 2' SHOULDER
MO-165	0.037	-	8.413	340.0	2.0		7.2						MAILBOX TURNOUTS
MO-165	0.037	-	8.413	44225.3			118.3						SAFETY EDGE
		-											
ENTRANCES AND IRREGULARITIES													
MO 165	0.037		8.413	44225.3	2.0		628.2						IRREGULARITIES 75 TONS/MILE
MO 165		-		7017.00	2.0		155.6						ENTRANCES AND MAILBOXES
TOTALS							14,016.40	1,192.30	809.00	418.00	2,585.80	14,006.00	* SAFETY EDGE INCLUDED IN QUANTITY
USE							14,016.40	1,192.30	809.00	418.00	2,586.00	14,006.00	
NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.													

PERMANENT AGGREGATE EDGE TREATMENT							
ROUTE	LOG MILE	TO	LOG MILE	LENGTH	AGGREGATE 200 TON/MILE*	PRIME MC 800 590 GAL/MILE*	REMARKS
				MILES	TON	GAL	
ROUTE 165	4.368	-	8.392	4.024	1609.6	4748	MO 165
TOTALS					1610	4748	*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY

RUMBLE STRIPS						
ROUTE	LOG MILE	TO	LOG MILE	LOCATION	CENTERLINE RUMBLE STRIP	REMARKS
					STA	
MO 165	4.368	-	6.449	CL	109.9	
MO 165	7.019	-	8.413	CL	73.6	
MO 165		-			-22	
TOTALS					161.5	
USE					162.0	

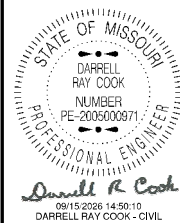
SUMMARY OF QUANTITIES
SHEET 1 OF 4

[illegible]

GRAVEL (A) OR CRUSHED STONE (B)
58 TONS

EARTHWORK						
ROUTE	LOG MILE	TO	LOG MILE	UNCLASSIFIED EXCAVATION	COMPACTING EMBANKMENT	REMARKS
				CY	CY	
MO 165	6.440	-	7.019	427.3	5900.5	
		-				
TOTALS				427.3	5900.5	
USE				427	5901	

SUMMARY OF QUANTITIES
SHEET 2 OF 4



MO-PE-2005000971
DATE PREPARED
9/15/2026

9/15/2020	
ROUTE	STATE

ROUTE	STATE
165	MO

DISTRICT	SHEET NO.
SW	3

3 W	3
COUNTY	

TANEY / STONE

JOB NO.
JSR0228

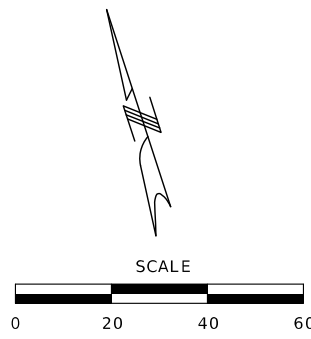
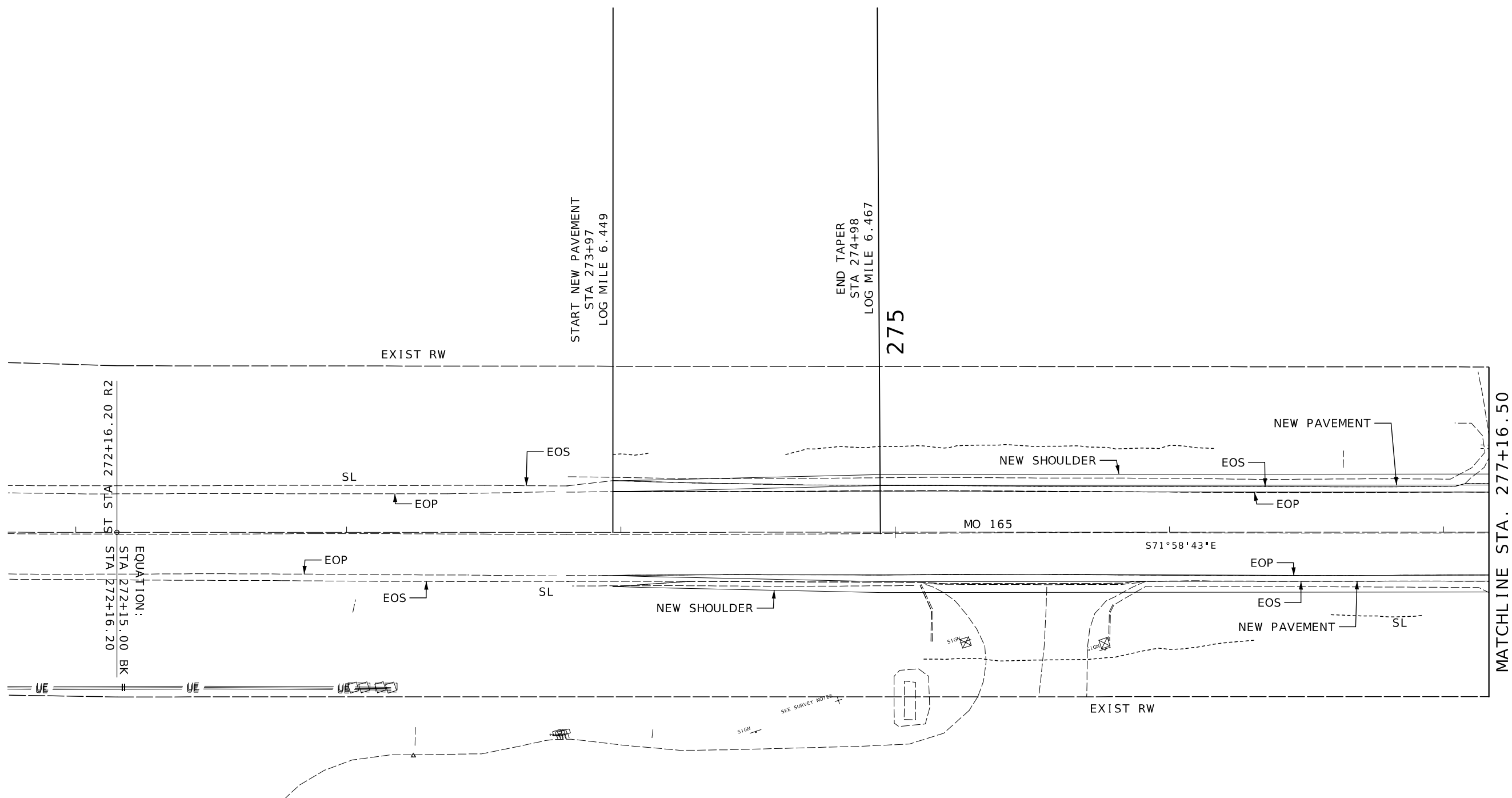
CONTRACT ID.

PROJECT NO.

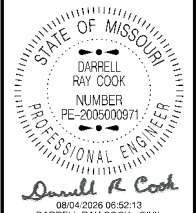
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

SUMMARY OF QUANTITIES
SHEET 4 OF 4



PLAN SHEET
SHEET 1 OF 6



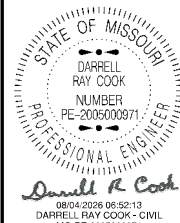
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ROUTE 165	STATE MO
DISTRICT SW	SHEET NO. 4
COUNTY TANEY / STONE	
JOB NO. JSR0228	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



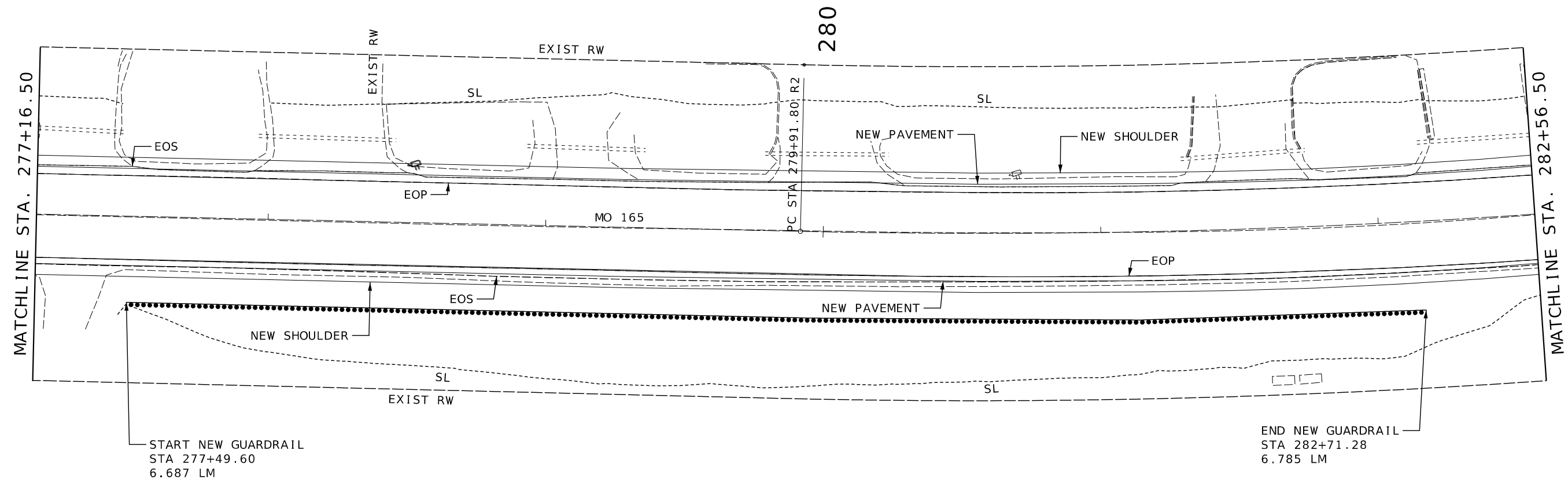
DATE PREPARED
7/31/2026
ROUTE 165 STATE MO
DISTRICT SW SHEET NO. 5
COUNTY
TANEY / STONE
JOB NO.
JSR0228
CONTRACT ID.

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)

PI 284+13.13
PC 279+91.80
PT 288+28.50
 Δ 16°41'44.4"
D 1°59'43.5"
L 836.71' (ARC)
T 421.34'
R 2,871.38'





Darrell R Cook
08/04/2026 06:52:13
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
7/31/2026

ROUTE	STATE
165	MO

DISTRICT	SHEET NO.
165	6

COUNTY
TANEY / STONE

JOB NO.
JSR0228

CONTRACT ID.

PROJECT NO.

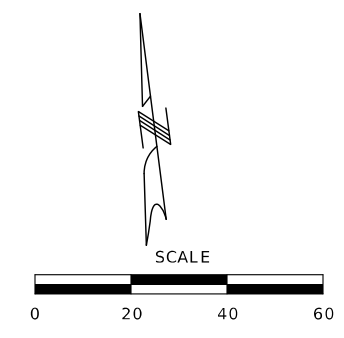
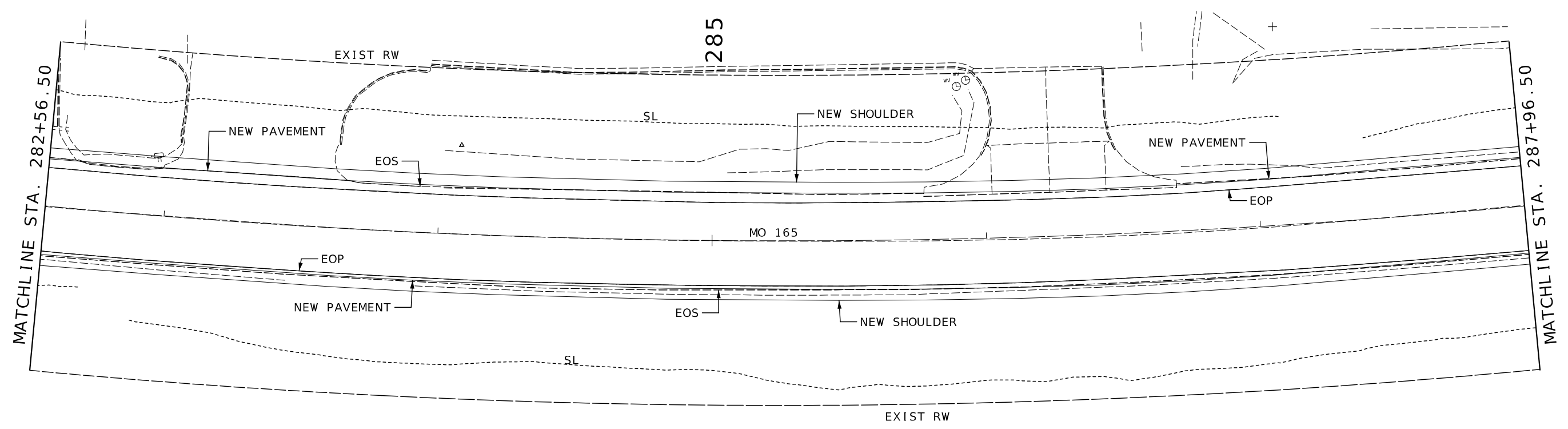
BRIDGE NO.

DATE	DESCRIPTION

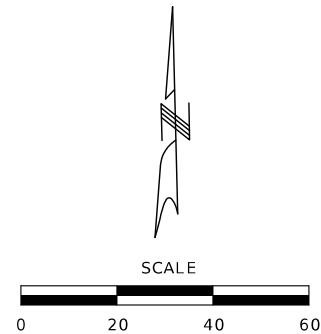
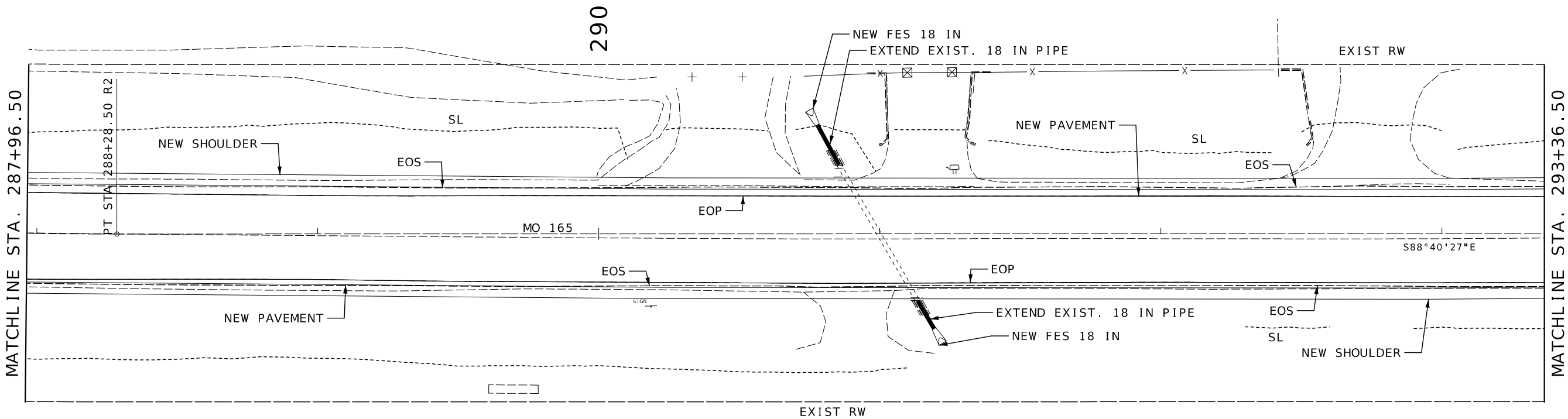
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
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PLAN SHEET
SHEET 3 OF 6



PLAN SHEET
SHEET 4 OF 6



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08/04/2026 06:52:13
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
7/31/2026

ROUTE 165	STATE MO
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DISTRICT SW	SHEET NO. 7
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COUNTY
TANEY / STONE

JOB NO.
JSR0228

CONTRACT ID.

PROJECT NO.

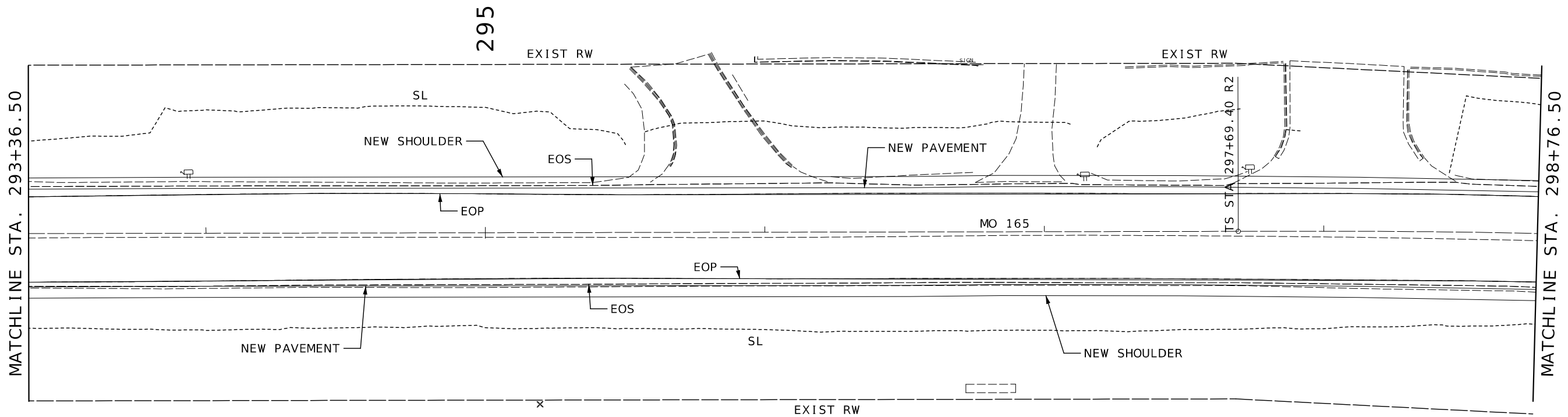
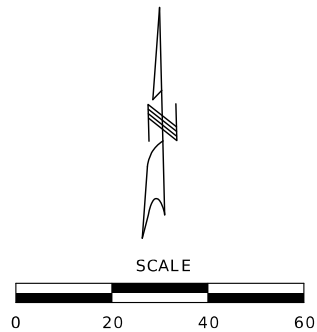
BRIDGE NO.

DATE	DESCRIPTION

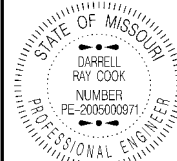
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



PLAN SHEET
SHEET 5 OF 6



Darrell R Cook
08/04/2026 06:52:13
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MO-PE-2005000971

DATE PREPARED
7/31/2026

ROUTE	STATE
165	MO

DISTRICT	SHEET NO.
165	8

COUNTY
TANEY / STONE

JOB NO.
JSR0228

CONTRACT ID.

PROJECT NO.

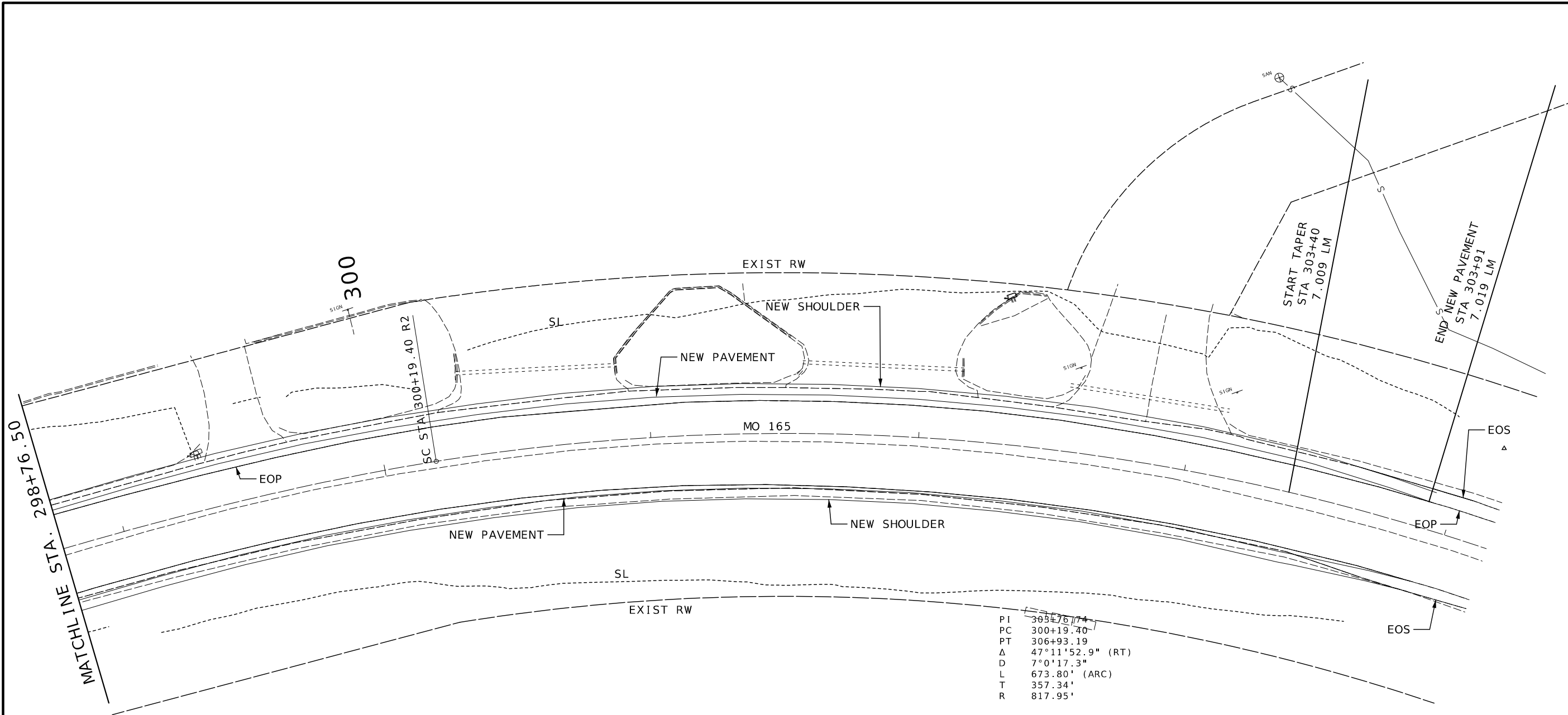
BRIDGE NO.

DATE	DESCRIPTION

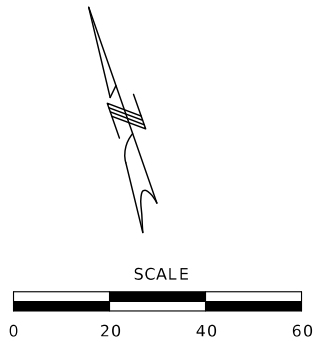
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



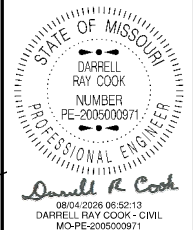
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



PI	305+76.74
PC	300+19.40
PT	306+93.19
Δ	47°11'52.9" (RT)
D	7°0'17.3"
L	673.80' (ARC)
T	357.34'
R	817.95'



PLAN SHEET
SHEET 6 OF 6



DATE PREPARED 8/3/2026	
ROUTE 165	STATE MO
DISTRICT SW	SHEET NO. 9
COUNTY TANEY / STONE	
JOB NO. JSR0228	
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)



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MO-PE-2005000971

DATE PREPARED
7/31/2026

ROUTE 165 STATE MO

DISTRICT SW SHEET NO. 10

COUNTY
TANEY / STONE

JOB NO.
JSR0228

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

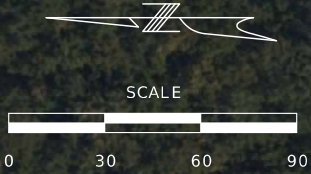
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SPECIAL SHEET
SHEET 1 OF 5



-  175 LF MODIFIED COLDMILLING (DEPTH TRANSITIONS)
-  1.75" SP095C MILL AND FILL



SPECIAL SHEET
SHEET 2 OF 5



Darrell R Cook
08/04/2026 06:52:13
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
7/31/2026

ROUTE	STATE
165	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
TANEY / STONE

JOB NO.
JSR0228
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)



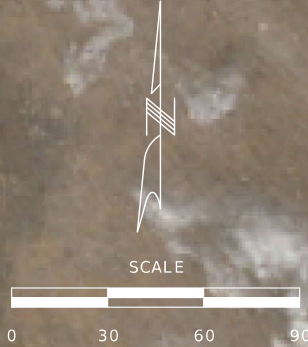
1.75' MILL AND FILL

ROUTE 165 @ 4.612 LM

SPILLWAY DAM

ROUTE 165 @ 4.723 LM

165



SPECIAL SHEET
SHEET 3 OF 5



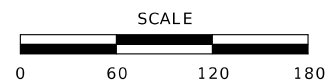
DATE PREPARED
7/31/2026
ROUTE 165 STATE MO
DISTRICT SW SHEET NO. 12
COUNTY TANEY/STONE
JOB NO. JSR0228
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)





SPECIAL SHEET
SHEET 4 OF 5



Darrell R Cook
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
7/31/2026

ROUTE 165	STATE MO
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DISTRICT SW	SHEET NO. 13
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COUNTY
TANEY / STONE

JOB NO.
JSR0228

CONTRACT ID.

PROJECT NO.

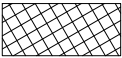
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

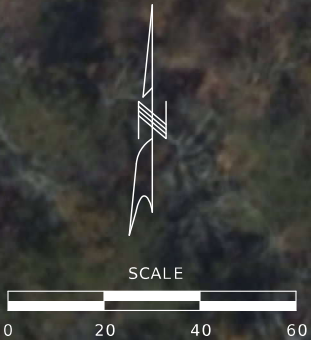


105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

 1.75" SP095C MILL AND FILL

END PROJECT ROUTE MO 165 @ 8.413

END NEW 2' SHOULDER
ROUTE MO 165 @ 8.392 LM



SPECIAL SHEET
SHEET 5 OF 5



Darrell R Cook
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
7/31/2026

ROUTE	STATE
165	MO

DISTRICT	SHEET NO.
SW	14

COUNTY
TANEY / STONE

JOB NO.
JSR0228

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



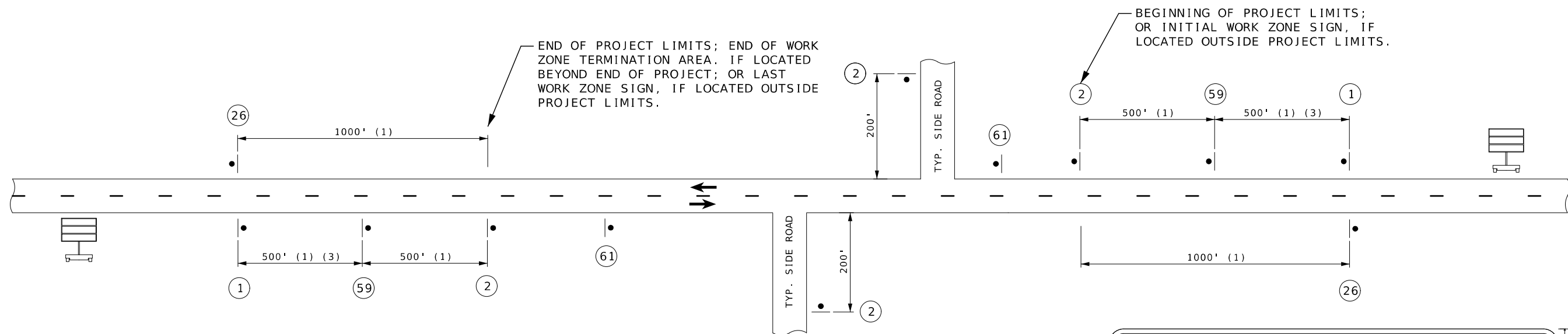
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

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).

STATE OF MISSOURI
DARRELL
RAY COOK
NUMBER
PE-2005000971
PROFESSIONAL ENGINEER

Darrell R Cook
08/04/2026 06:52:14
DARRELL RAY COOK - CIVIL

BRIDGE NO.



(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

TYPICAL BEGINNING AND END OF PROJECT
 (UNDIVIDED HIGHWAY)



END
ROAD WORK

GO20-2

(26) (5)

A diamond-shaped road sign with a black border and the text "ROAD WORK AHEAD" in black capital letters.

WO20-1

2

Road Resurfacing



Fall 2027

CONST4 SH-FLAT SHEET:
 3,000" Radius, 1,000" Border, White on Green;
 "Road", D; "Reinsurfacing", C; "Fill 2027", D;
 Table of letter and object lists

R	a	b	c	d	e	f	g
12,000	18,125	25,250	31,875				
R	a	b	c	d	e	f	g
12,000	19,125	25,000	31,625	38,825	f 43,000	47,375	c 53,875 f 60,500 n 64,375 g 70,875
12,000	44,875	49,125	54,500	57,375	2 64,250	69,375	2 74,750 7 79,875

CONST - 5 - 96

61 (2)



Completed as Promised

1.5 25 2.5 5.125 2.5 21.875 1.5

60

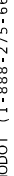
CONST-5P-80 SHF-FLAT SHEET FLUORESCENT:
1.500" Radius, No border, Yellow;
"Completed as Promised" Black, D 65% spading;
Table of letter and object lifts

C	o	m	i	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	e	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 7

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

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



PILOT CAR
IN USE
WAIT & FOLLOW

A rectangular white sign with a black border. The text "PILOT CAR IN USE" is in large, bold, black capital letters. Below it, "WAIT & FOLLOW" is in smaller, bold, black capital letters.

2



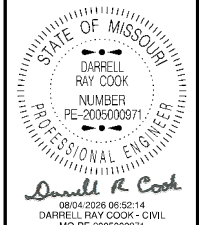
7



8

TRAFFIC CONTROL
SHEET 3 OF 7

REVISÉD: 2/19/2026



DATE PREPARED

7 / 31 / 2026

ROUTE	STATE
165	MO

DISTRICT	SHEET NO
SW	19

COUNTY
TANEY / STONE

JOB NO.
JSR0228

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

NOTES :

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

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

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

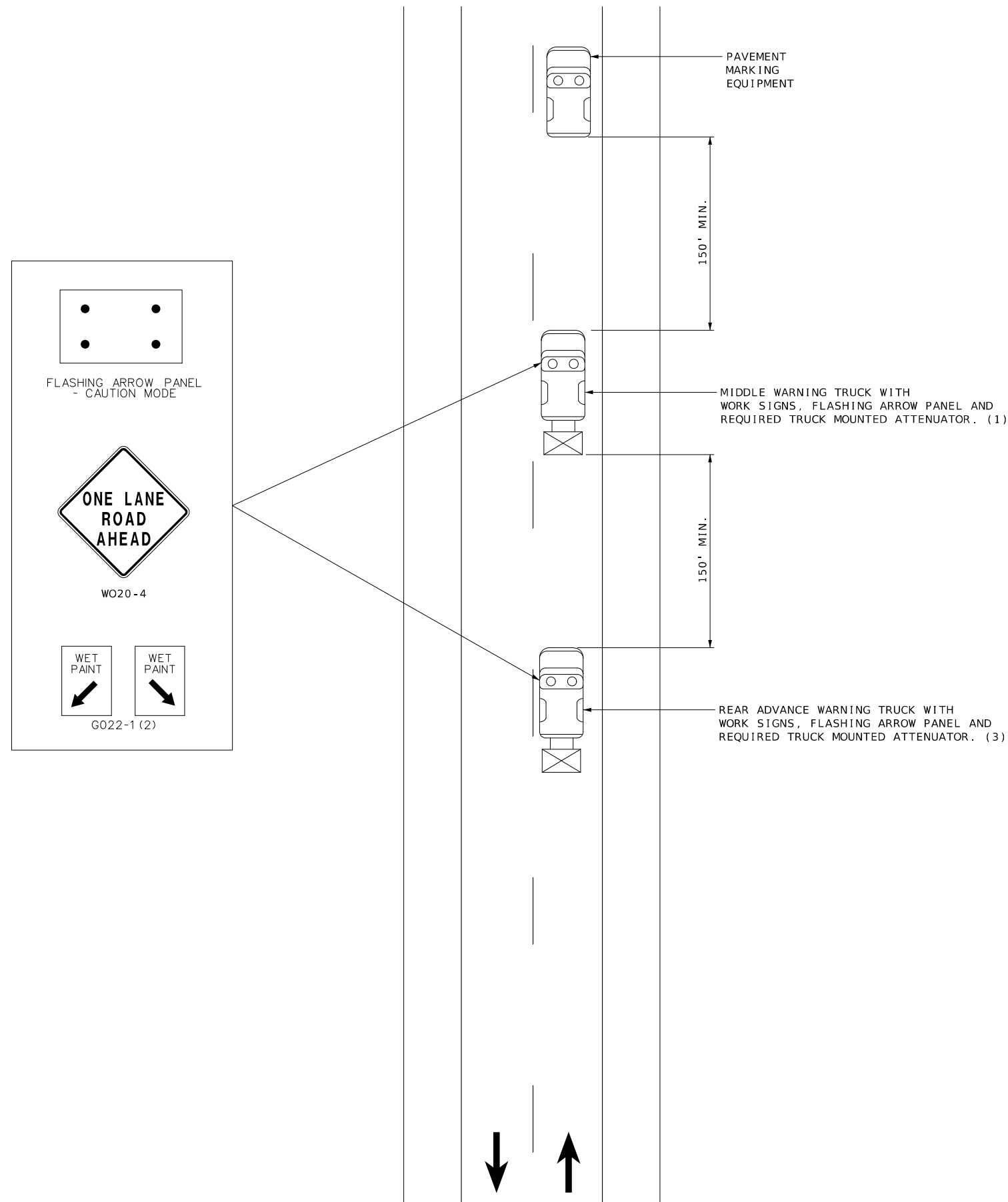
VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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

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

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

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

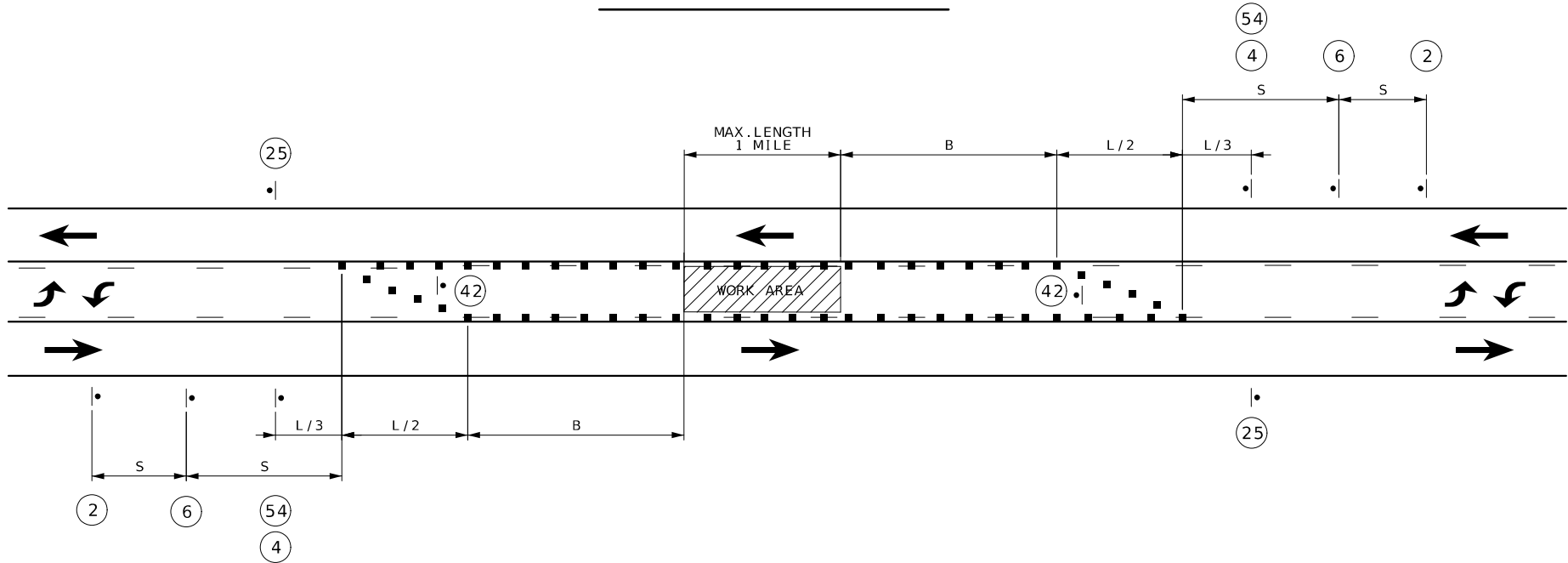


PAVEMENT MARKING ON TWO-LANE HIGHWAY

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 7

CENTER LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
	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

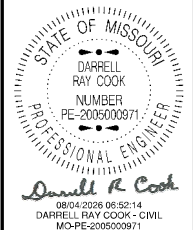


R2-1
54
4



R2-1
25
(NORMAL SPEED)

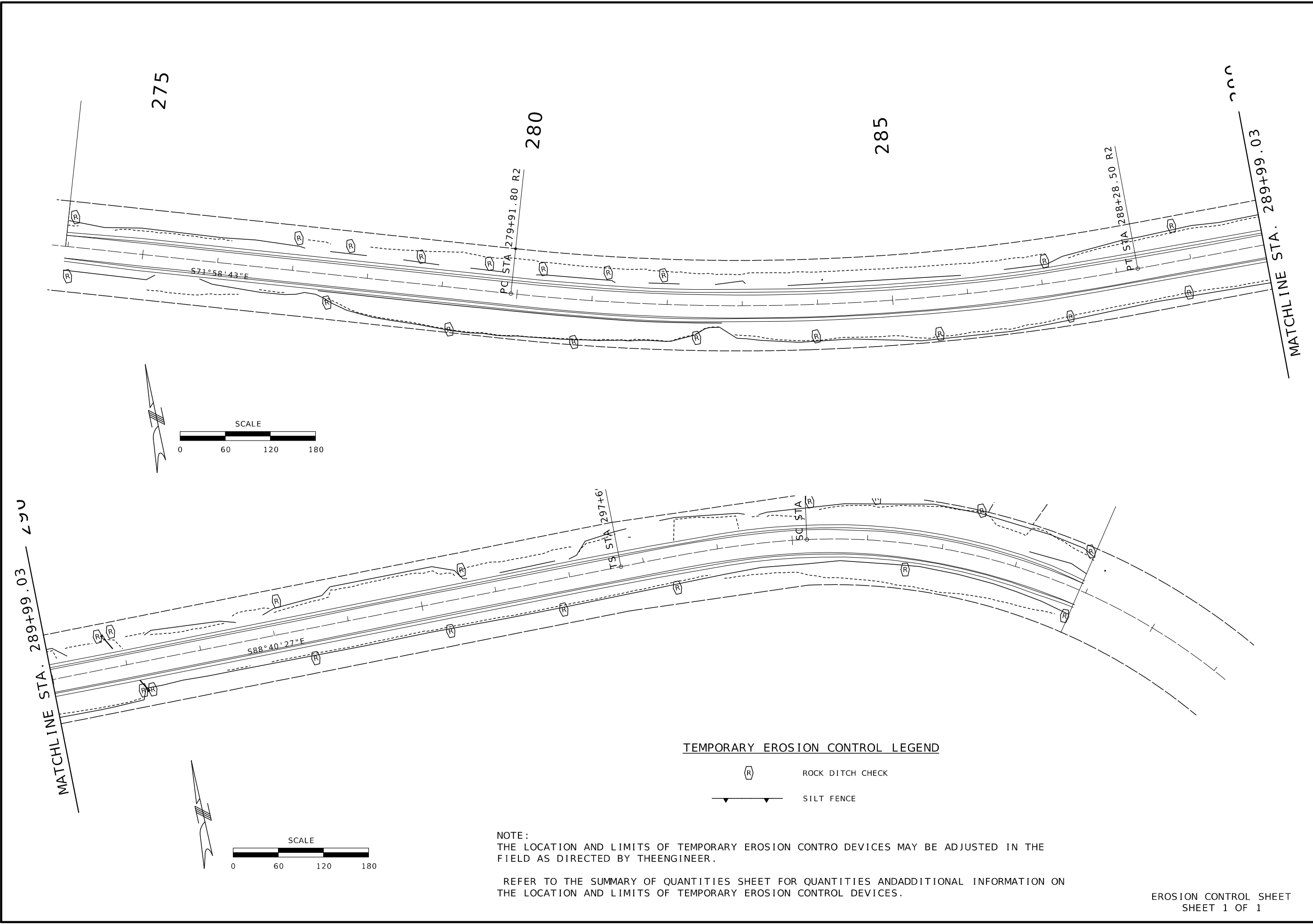
NOT TO SCALE



DATE PREPARED 7/31/2026	
ROUTE 165	STATE MO
DISTRICT SW	SHEET NO. 20
COUNTY TANEY/STONE	
JOB NO. JSR0228	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE





TEMPORARY EROSION CONTROL LEGEND

- ROCK DITCH CHECK
- SILT FENCE

NOTE:
THE LOCATION AND LIMITS OF TEMPORARY EROSION CONTRO DEVICES MAY BE ADJUSTED IN THE FIELD AS DIRECTED BY THEENGINEER.

REFER TO THE SUMMARY OF QUANTITIES SHEET FOR QUANTITIES ANDADDITIONAL INFORMATION ON THE LOCATION AND LIMITS OF TEMPORARY EROSION CONTROL DEVICES.

STATE OF MISSOURI

DARRELL RAY COOK

NUMBER
PE-2005000971

PROFESSIONAL ENGINEER

Darrell R Cook
08/04/2026 06:52:14
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

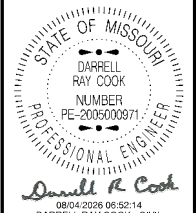
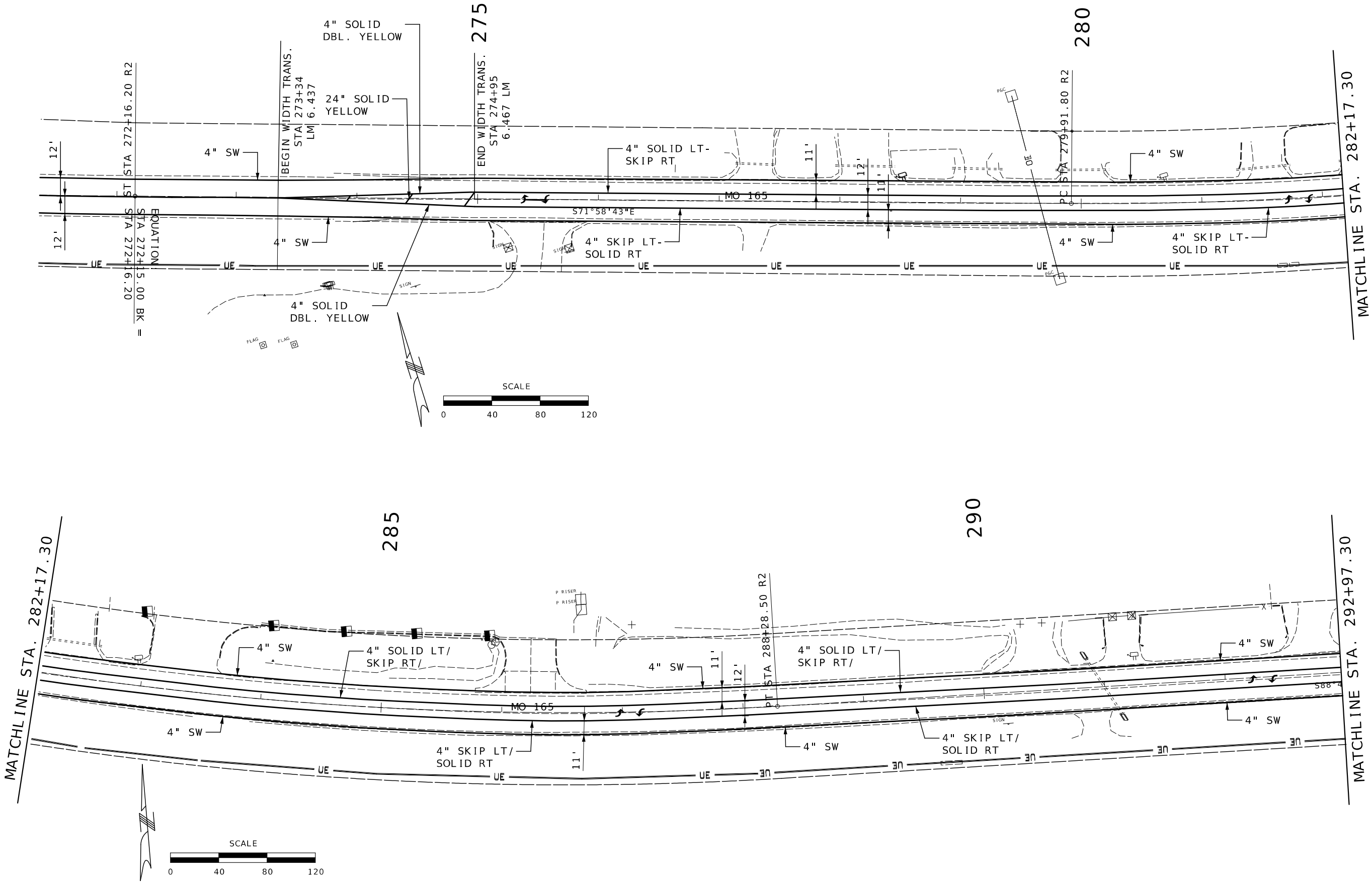
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ROUTE 165	STATE MO
DISTRICT SW	SHEET NO. 22
COUNTY TANEY / STONE	
JOB NO. JSR0228	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

NOTE:
RELOCATE ALL PAVEMENT MARKINGS
TO ALIGN WITH THE RECONSTRUCTED 24 FOOT ROADWAY SECTION



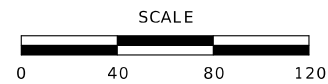
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ROUTE 165	STATE MO
DISTRICT SW	SHEET NO. 23
COUNTY TANEY/STONE	
JOB NO. JSR0228	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

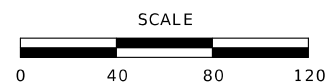
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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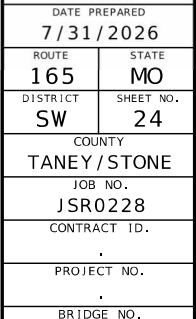
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MATCHLINE STA. 303+77.03



MATCHLINE STA. 303+77.30

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
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