

DESIGN DESIGNATION

A.A.D.T. - 2026 = 1572
D.H.V. = 9.14%
T = 15.33%
V = 55 M.P.H.
D = 50.6% E/49.4% W

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		

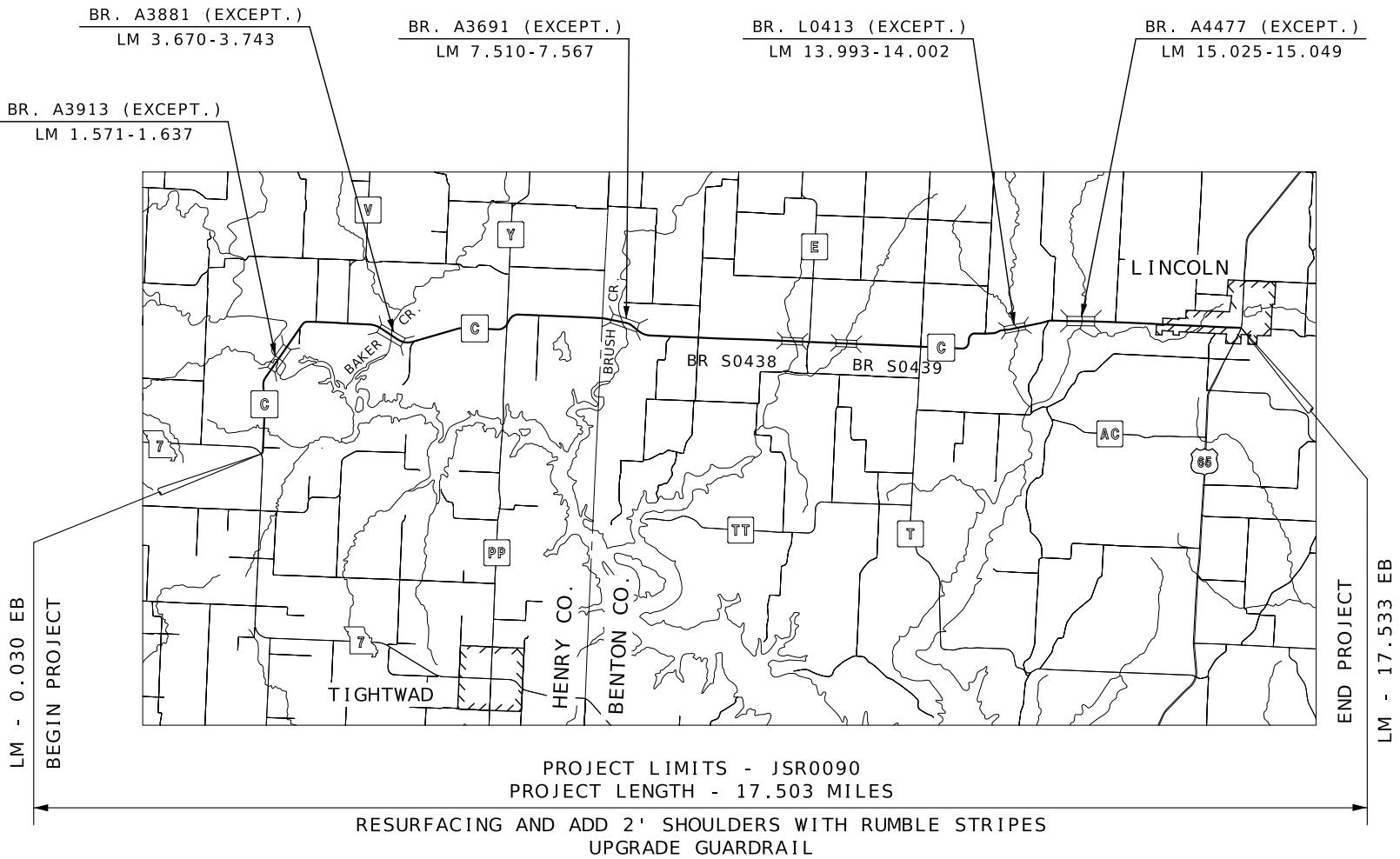
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY



KEY MAP
LOCATION OF HENRY COUNTY

HENRY/BENTON COUNTY



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (7 SHEETS)--	2
QUANTITIES (QU) (6 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6-11
SIGNING (SN)-----	12-17



DATE PREPARED	9/24/2026
ROUTE	C
STATE	MO
DISTRICT	SW
SHEET NO.	1
COUNTY	HENRY/BENTON
JOB NO.	JSR0090
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

LENGTH OF PROJECT

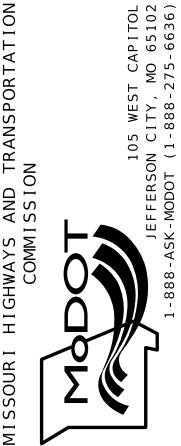
BEGINNING OF PROJECT	LOG MILE - 0.030 EB
END OF PROJECT	LOG MILE - 17.533 EB

APPARENT LENGTH	92,415.84 FEET
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BRIDGE EXCEPTIONS:	
A3913 LM 1.571 - 1.637 EB	-348.48 FEET
A3881 LM 3.670 - 3.743 EB	-385.44 FEET
A3691 LM 7.510 - 7.567 EB	-300.96 FEET
L0413 LM 13.993 - 14.002 EB	-47.52 FEET
A4477 LM 15.025 - 15.049 EB	-126.72 FEET

TOTAL CORRECTIONS	-1,209.12 FEET
NET LENGTH OF PROJECT	91,206.72 FEET
STATE LENGTH	17.274 MILES

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	16.751 ACRES
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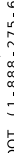
NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL
COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE
TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO
ENTIRE PROJECT LIMITS.



EXCEPT OUT BRIDGE A4477
LOG MILE 15.025 TO LOG MILE 15.049



LOG MILE 16.991 TO LOG MILE 17.375 - THRU LANES 12 '
LOG MILE 17.375 TO LOG MILE 17.533 - THRU LANES 11 '



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

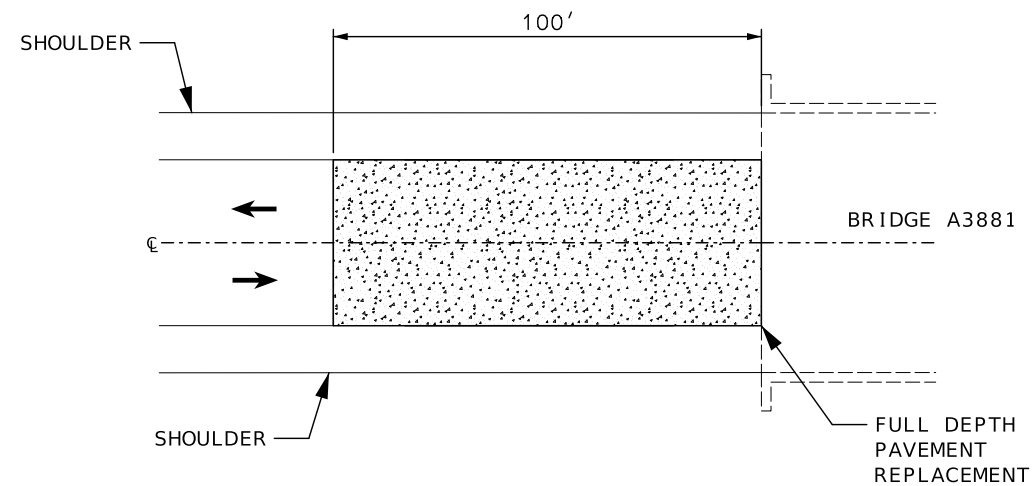
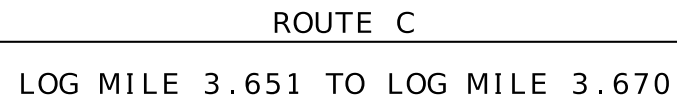
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTIONS
SHEET 1 OF 7

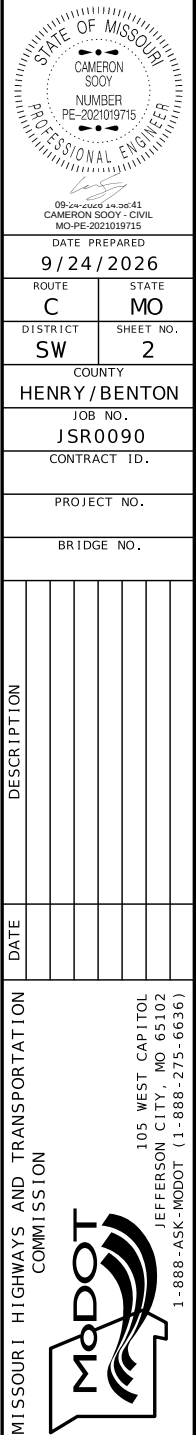
SEE JOB SPECIAL PROVISION-REPAIRING EXISTING
SUBGRADE AND AGGREGATE BASE.

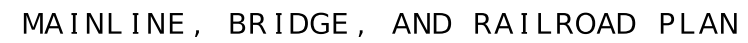
NO S.E. CORRECTION

REPAIR EXISTING SUBGRADE (6")

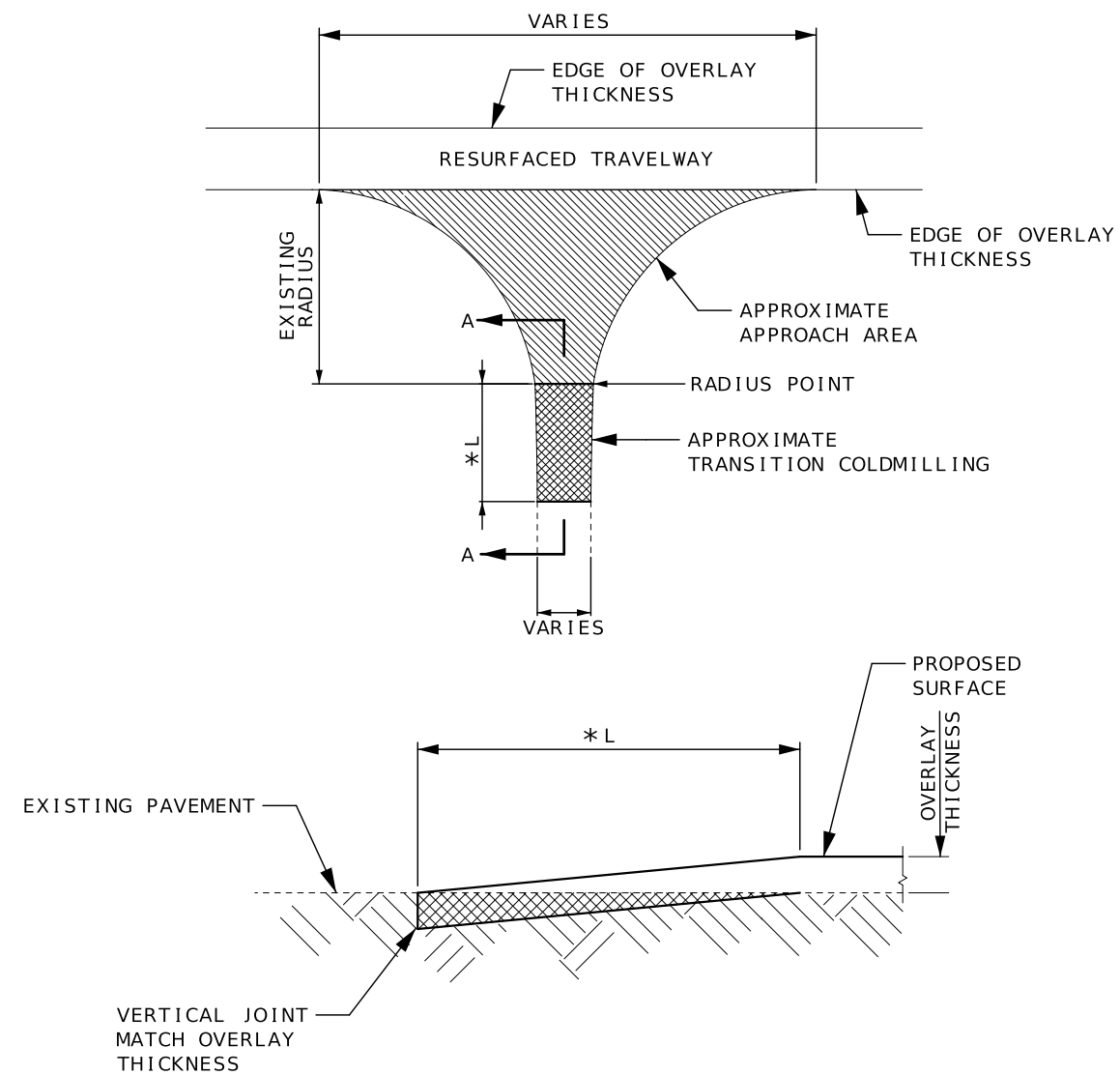


TYPICAL SECTIONS
SHEET 2 OF 7





NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.

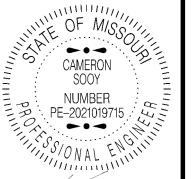


SECTION A-A

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'



09-04-2024 14:28:41
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
9/24/2026

ROUTE C	STATE MO
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DISTRICT SW	SHEET NO. 2
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COUNTY
HENRY/BENTON

JOB NO.
JSR0090

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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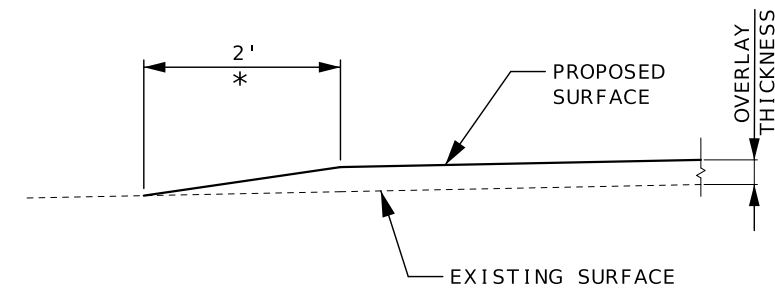
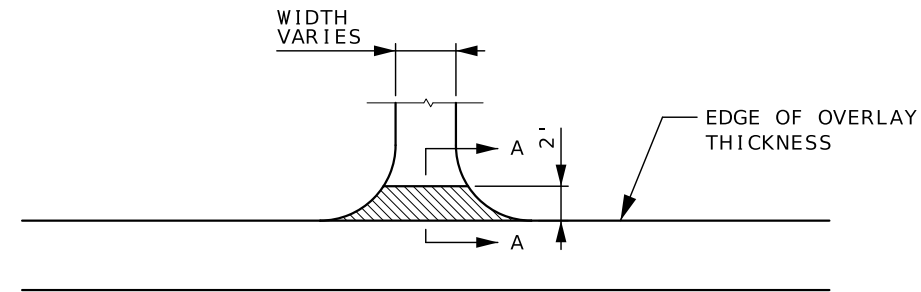
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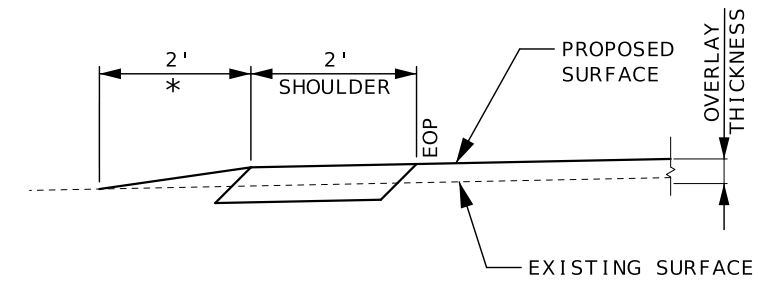
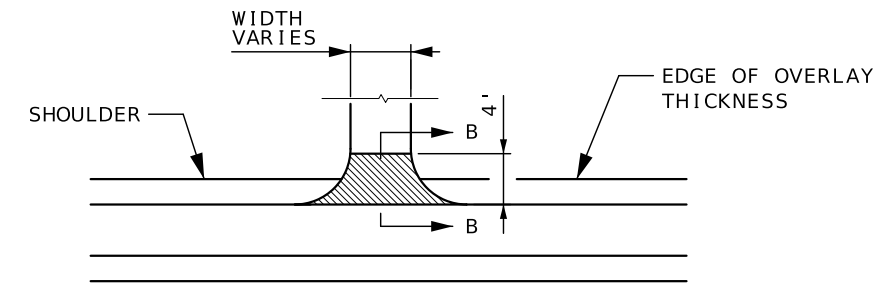


SECTION A-A

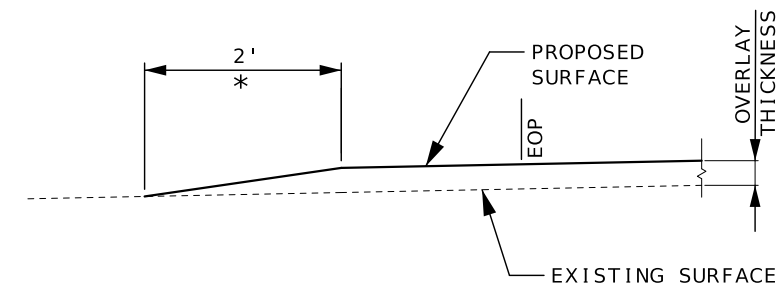
TYPICAL ENTRANCE - NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

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

6 TONS CALCULATED PER COUNTY ROAD.



AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

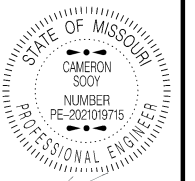
SECTION B-B

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
9/24/2026

ROUTE C STATE MO

DISTRICT SW SHEET NO. 2

COUNTY HENRY/BENTON

JOB NO. JSR0090

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

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.



09-04-2020 14:20:41
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED

9/24/2026

ROUTE STATE

C MO

DISTRICT SHEET NO.

SW 2

COUNTY

HENRY/BENTON

JOB NO.

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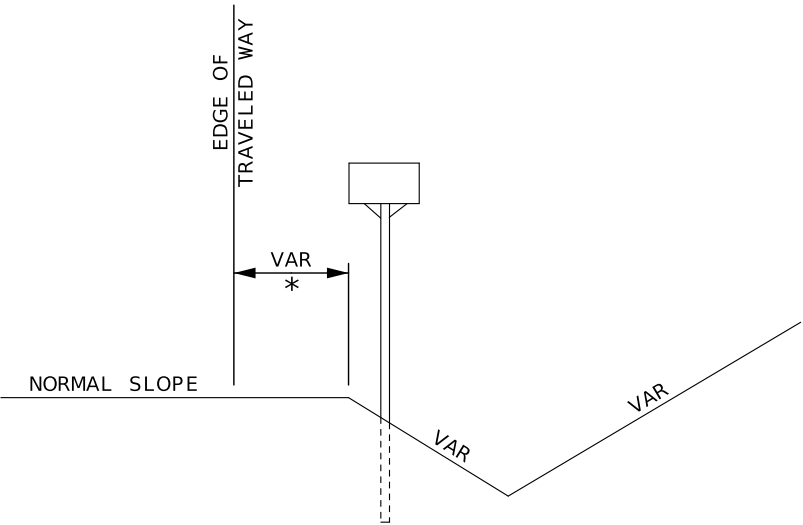
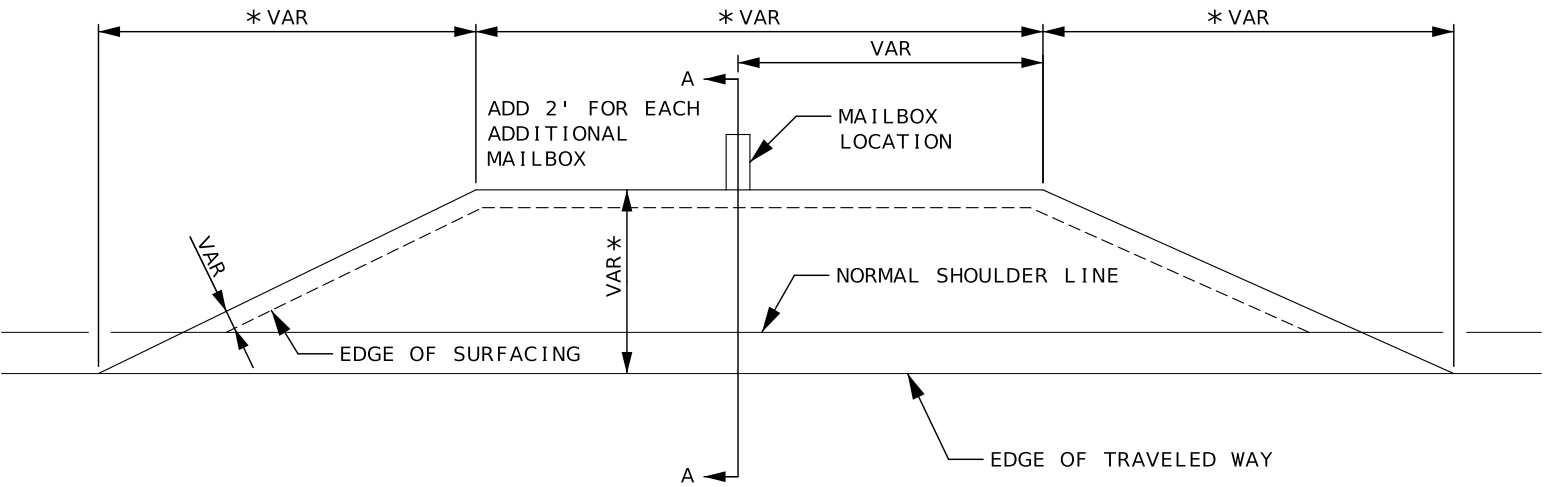
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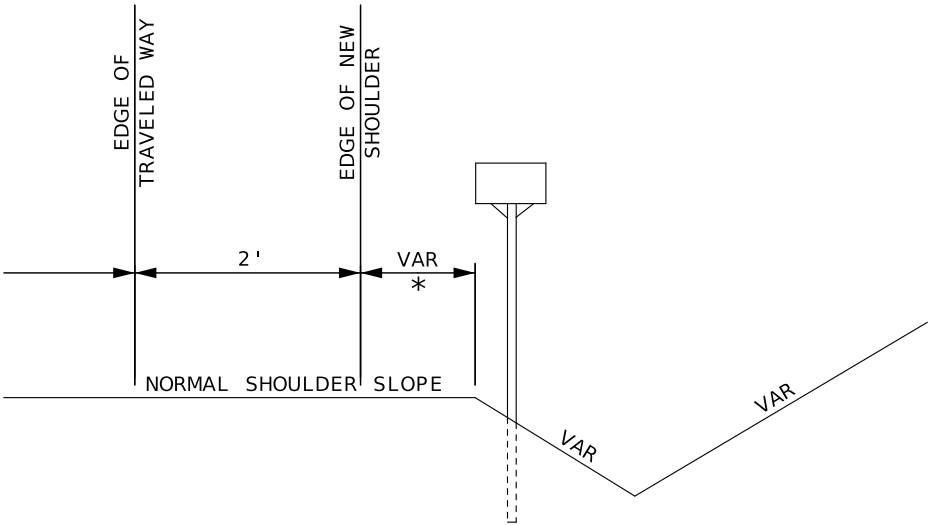
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TYPICAL MAILBOX TURNOUT

* AS APPROVED BY THE ENGINEER



SECTION A-A
NO SHOULDER



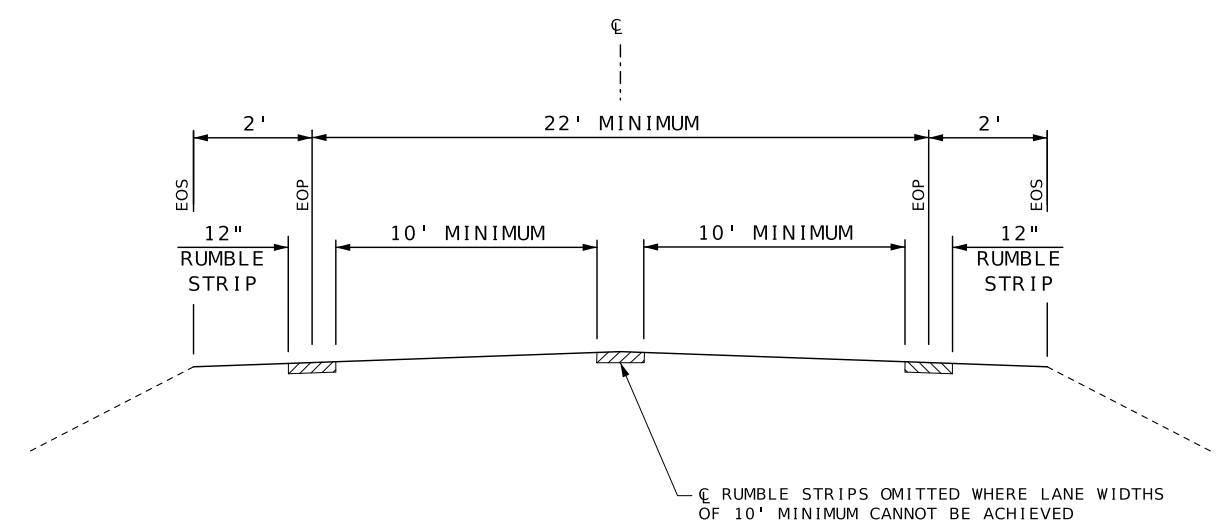
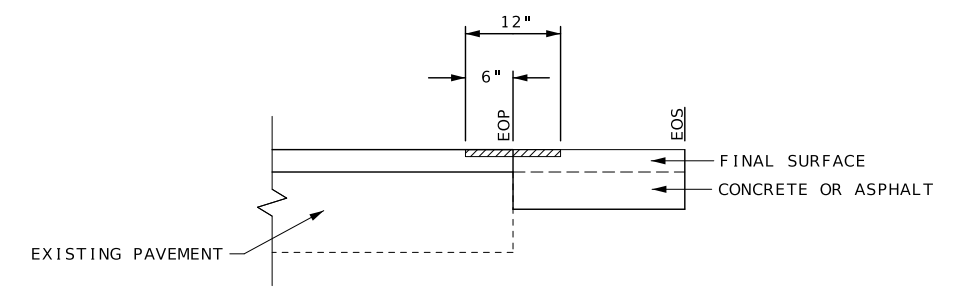
SECTION A-A
SHOULDER



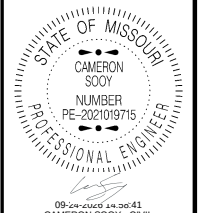
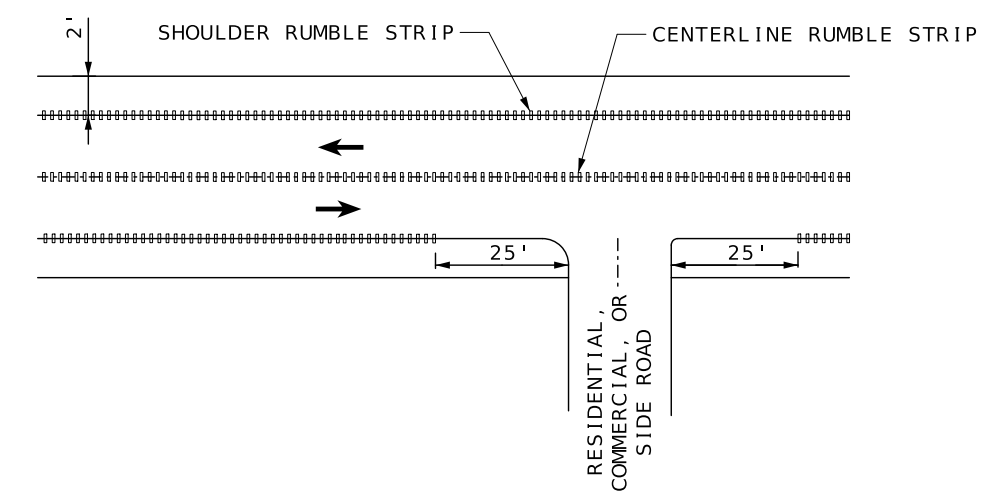
RUMBLE STRIPS FOR 2' MODIFIED A3 SHOULDERS

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



DATE PREPARED 9/24/2026	
ROUTE C	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY HENRY/BENTON	
JOB NO. JSR0090	
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)

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

SUMMARY OF QUANTITIES
SHEET 2 OF 6

GUARDRAIL								
ROUTE	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	
C	1.236	1.571	A3913 EB	1700.0	1	1	17.8	ADJACENT
C	1.236	1.571	A3913 EB	1700.0	1	1	17.8	OPPOSING
C	1.637	1.711	A3913 EB	325.0	1	1	4.0	ADJACENT
C	1.637	1.748	A3913 EB	525.0	1	1	6.0	OPPOSING
C	3.647	3.670	A3881 EB	112.5	1	1	1.9	ADJACENT
C	3.647	3.670	A3881 EB	50.0	1	1	1.2	OPPOSING
C	3.743	3.847	A3881 EB	487.5	1	1	5.6	ADJACENT
C	3.743	3.848	A3881 EB	487.5	1	1	5.7	OPPOSING
C	7.488	7.510	A3691 EB	112.5	1	1	1.9	ADJACENT
C	7.487	7.510	A3691 EB	50.00	1	1	1.2	OPPOSING
C	7.567	7.620	A3691 EB	212.5	1	1	3.0	ADJACENT
C	7.567	7.633	A3691 EB	287.5	1	1	3.7	OPPOSING
C	14.998	15.025	A4477 EB	112.5	1	1	1.9	ADJACENT
C	14.998	15.025	A4477 EB	37.5	1	1	1.2	OPPOSING
C	15.049	15.074	A4477 EB	112.5	1	1	1.9	ADJACENT
C	15.049	15.074	A4477 EB	37.5	1	1	1.2	OPPOSING
TOTAL				6350.0	16	16	76.0	ALL GUARDRAIL LENGTH IS ROUNDED UP TO THE NEAREST 12.5'
USE				6350	16	16	76	

COLDMILLING								
ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVERAGE WIDTH	MEASURED AREA	MODIFIED DEPTH TRANSITION	COLDMILL 3" OR LESS	REMARKS
	EB	EB	LF	LF	SF	SY	SY	
C	0.030	0.058	147.8	22.0		361.3		0" TO 1.50" BEGINNING DEPTH TRANSITION
C	1.543	1.571	147.8	22.0		361.3		0" TO 1.50" @ BRIDGE A3913
C	1.637	1.665	147.8	22.0		361.3		1.50" TO 0" @ BRIDGE A3913
V	7.326	7.318	40.0	22.0		97.8		RTE. V NORTH - MILL RADIUS POINT TO 40'
C	3.642	3.670	147.8	22.0		361.3		0" TO 1.50" @ BRIDGE A3881
C	3.743	3.771	147.8	22.0		361.3		1.50" TO 0" @ BRIDGE A3881
Y	9.564	9.556	40.0	22.0		97.8		RTE. Y NORTH - MILL RADIUS POINT TO 40'
C	7.481	7.510	153.1	22.0		374.2		0" TO 1.50" @ BRIDGE A3691
C	7.567	7.595	147.8	22.0		361.3		1.50" TO 0" @ BRIDGE A3691
E	11.825	11.817	40.0	22.0		97.8		RTE. E NORTH - MILL RADIUS POINT TO 40'
T	0.010	0.018	40.0	22.0		97.8		RTE. T SOUTH - MILL RADIUS POINT TO 40'
C	13.965	13.993	147.8	22.0		361.3		0" TO 1.50" @ BRIDGE L0413
C	14.002	14.030	147.8	22.0		361.3		1.50" TO 0" @ BRIDGE L0413
C	14.997	15.025	147.8	22.0		361.3		0" TO 1.50" @ BRIDGE A4477
C	15.049	15.077	147.8	22.0		361.3		1.50" TO 0" @ BRIDGE A4477
C	16.963	16.991	147.8	22.0		361.3		MILL FILL MOD MILL TRANSITION
C	16.991	17.133	749.8	24.0			1832.8	24 FT ROADWAY - BEGIN MILL FILL
C	17.133	17.375	1277.8	24.0			3407.5	24 FT ROADWAY - MILL FILL
C	17.375	17.512	723.4	22.0			1768.3	22 FT ROADWAY
C	17.512	17.533	-	-	5674.9		630.5	RADIUS POINT TO RTE. 65 - APPROACH
TOTAL						4739.7	7639.1	
USE						4740	7640	

STATE OF MISSOURI

CAMERON SCOTT

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER



09-04-2020 14:00:41
CAMERON SCOTT - CIVIL
MO-PE-2021019715

DATE PREPARED

9/24/2026

ROUTE

C

STATE

MO

DISTRICT

SW

SHEET NO.

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COUNTY

HENRY/BENTON

JOB NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SIGN	SIZE	AREA	QTY	TOTAL	RELOC	TOTAL	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									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
WO1-3L	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)
WO1-3R	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)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75	2	17.50				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50	12	18.00				PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	2	12.00				WORK ZONE (PLAQUE)	6122040		WORK ZONE CRASH CUSHION (NARROW)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (DRUM-LIKE)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161025	300	CHANNELIZER (TRIM-LINE)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93	4	27.72				YIELD	6161026		CHANNELIZER (VERTICAL PANEL)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00	4	36.00				TO ONCOMING TRAFFIC (PLAQUE)	6161030		TYPE 3 MOVEABLE BARRICADE
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161033		DIRECTION INDICATOR BARRICADE
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	4	48.00				SPEED LIMIT XX	6161040		FLASHING ARROW PANEL
WO3-4	48X48	16.00	14	224.00				BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161055		SEQUENTIAL FLASHING WARNING LIGHT
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161070		TUBULAR MARKER
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT			
WO5-1	48X48	16.00	4	64.00				ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6161098A	4	CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
WO5-3	48X48	16.00	4	64.00				ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE			INTERFACE, CONTRACTOR FURNISHED/RETAINED
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)			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)			INTERFACE, CONTRACTOR FURNISHED/RETAINED
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
WO7-3a	30X24	5.00	4	20.00				NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6173600D		TEMPORARY TRAFFIC BARRIER,
WO8-1	48X48	16.00	5	80.00				BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)			CONTRACTOR FURNISHED/RETAINED
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)			CONTRACTOR FURNISHED/RETAINED
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED	6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE			CONTRACTOR FURNISHED/RETAINED
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED	6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD	6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
WO8-9	48X48	16.00						LOW SHOULDER	R11-4	60X30	12.50						LOCAL TRAFFIC ONLY	6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
WO8-11	48X48	16.00	36	576.00				UNEVEN LANES	CONST-3A	60X48	20.00						ROAD CLOSED TO THRU TRAFFIC	6208064A		TEMPORARY RAISED PAVEMENT MARKER
WO8-12	48X48	16.00	18	288.00				NO CENTER LINE	CONST-3X	56X12	4.67						FINE SIGN	9029400		TEMPORARY TRAFFIC SIGNALS
WO8-15	48X48	16.00						GROOVED PAVEMENT	MISCELLANEOUS SIGNS									6129401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
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	30X24	5.00	9	45.00				SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE			
WO8-17P	30X24	5.00	9	45.00				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												
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)												
WO16-2	30X24	5.00						XXX FEET (PLAQUE)												
WO16-3	30X24	5.00						X MILE (PLAQUE)												
WO20-1	48X48	16.00	64	1024.00				ROAD/BRIDGE/RAMP WORK AHEAD												
WO20-2	48X48	16.00						DETOUR AHEAD												
WO20-3	48X48	16.00						ROAD CLOSED AHEAD												
WO20-4	48X48	16.00	6	96.00				ONE LANE ROAD AHEAD	616-10.05	TOTAL										
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD	CONSTRUCTION SIGNS			3147								
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	616-10.10				TOTAL							
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED	RELOCATED SIGNS											
WO20-7a	48X48	16.00	18	288.00				FLAGGER (SYMBOL)												
WO21-2	36X36	9.00						FRESH OIL												
WO21-5	48X48	16.00	2	32.00				SHOULDER WORK / SHOULDER WORK AHEAD												
WO22-1	48X48	16.00						BLASTING ZONE AHEAD												
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE												
WO22-3	42X36	10.50						END BLASTING ZONE												
GO22-1	21X15	2.19	4	8.76				WET PAINT (ARROW PIVOTS)												

STATE OF MISSOURI
CAMERON SOOY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER
08-24-2025 14:35:42
CAMERON SOOY - CIVIL
MO-PE-2021019715
DATE PREPARED
9/24/2026
ROUTE
C
STATE
MO
DISTRICT
SW
SHEET NO.
3
COUNTY
HENRY/BENTON
JOB NO.
JSR0090
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

SUMMARY OF QUANTITIES
SHEET 6 OF 6

NOTE: ALL TEMPORARY TRAFFIC CONTROL DEVICES ARE INCLUDED IN PAY ITEM 616-99.01, TEMPORARY TRAFFIC CONTROL, PER LUMP SUM UNLESS NOTED OTHERWISE IN THE PLANS. THESE QUANTITIES ARE ONLY AN ESTIMATE AND ARE SUBJECT TO CHANGE BASED UPON FIELD CONDITIONS.
NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING SIGNS.

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.

The diagram illustrates the plan view of a bridge or culvert crossing. Key features include:

- Approach Roadway:** A 24-foot wide roadway with a 11-foot minimum shoulder (SW) and a 11-foot minimum travel lane (DSY).
- Bridge/Culvert Structure:** A central structure with a 12-foot minimum width, flanked by 200-foot minimum transition zones.
- Signage:** OM3-L (3), OM3-L (2), OM3-L (1), OM3-R (1), OM3-R (2), and OM3-R (3) signs are shown along the roadway.
- Other Labels:** EOS, EOP, SW, DSY, WSW, and "VARIES" are also present.

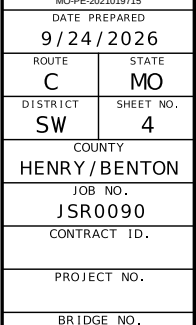
ONE LANE BRIDGE STRIPING AND SIGNING SHOULD
BE USED ON THE FOLLOWING BRIDGES.

```
* BRIDGE S0438:
  LOG MILE 10.293 TO LOG MILE 10.299
  LENGTH: 32 FEET
  WIDTH: 20 FEET
```

- (1) PLACE OM3 AS NEAR THE OBSTRUCTION AS POSSIBLE AND SET TO LINE UP WITH INSIDE EDGE OF OBSTRUCTION.
- (2) PLACE OM3 1.5 FEET OFF THE EDGE OF SHOULDER AND 20 FEET FROM THE END OF OBSTRUCTION.
- (3) PLACE OM3 3.0 FEET OFF THE EDGE OF SHOULDER AND 40 FEET FROM THE END OF OBSTRUCTION.

DSY - 4" DOUBLE SOLID YELLOW
WSW - 8" WIDE SOLID WHITE (TWO 4" LINES)
SW - 4" SOLID WHITE

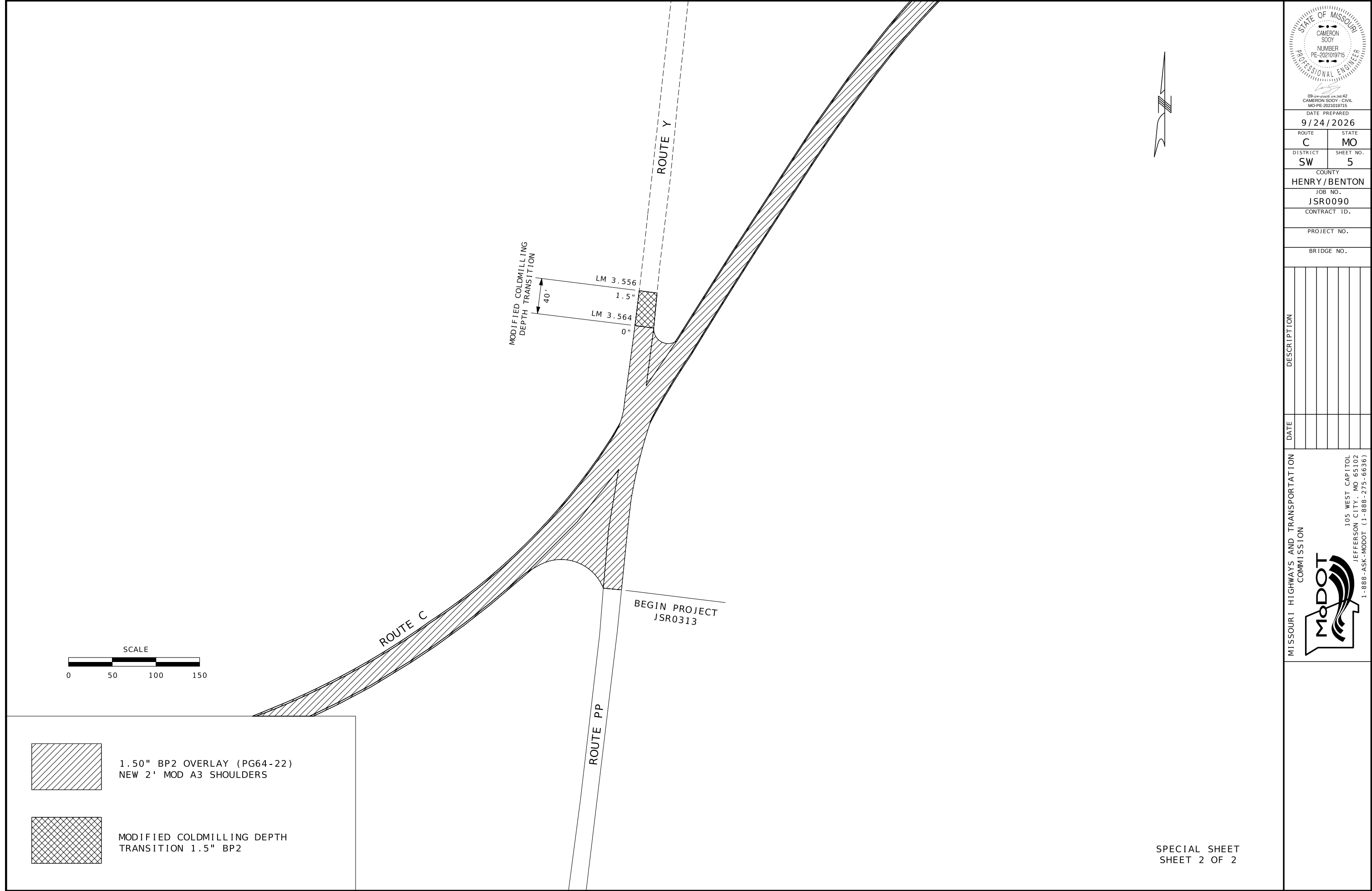
SPECIAL SHEET
SHEET 1 OF 2

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



SPECIAL SHEET
SHEET 2 OF 2



DATE PREPARED
9/24/2026

ROUTE	STATE
C	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
HENRY/BENTON

JOB NO.
JSR0090

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

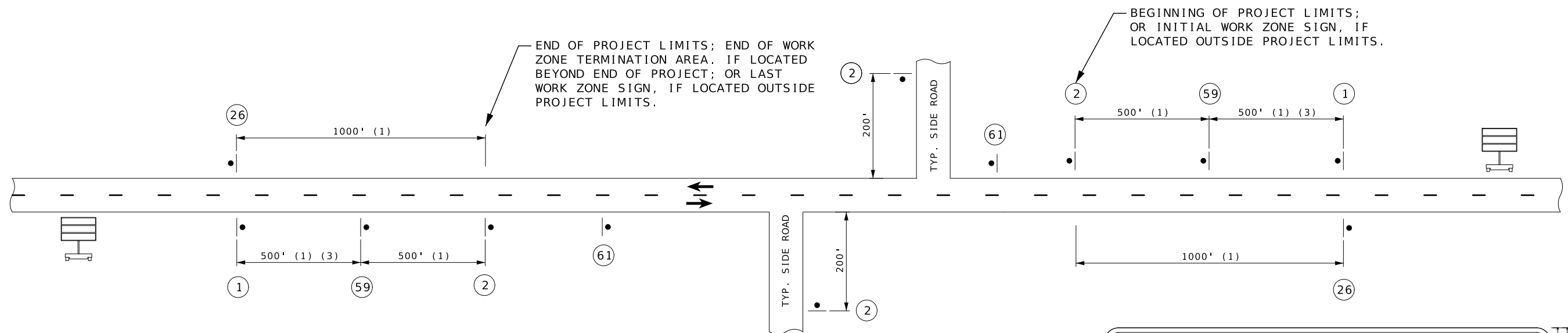
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



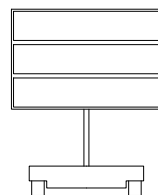
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

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).



(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

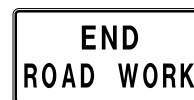


WORK ZONE
NO PHONE
ZONE

(59) (3)



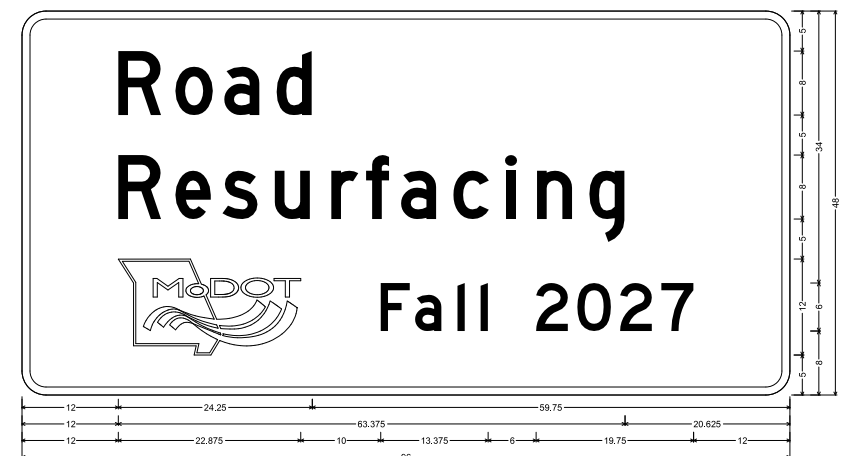
① (5)



(26) (5)



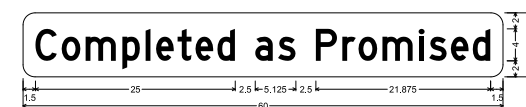
2



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

R	o	a	25.20	31.875
12,000	19.125	5		
25,000	19.125	31.625	38.625	43.000
			47.375	53.875
			60.500	64.375
			74.750	70.875
12,000	44.875	49.125	54.500	57.375
			64.250	69.375
			74.750	79.875

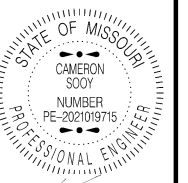
(61) (2)



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

C	e	m	p	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	i	s	e	d			
36.625	39.875	41.875	44.875	49.500	50.750	53.500	56.250			

TRAFFIC CONTROL
SHEET 1 OF 6



9-24-2020 14:50:42
MERON SOOY - CIVIL
NO DE 2021010315

DATE PREPARED

E	STATE
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CT	SHEET NO
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COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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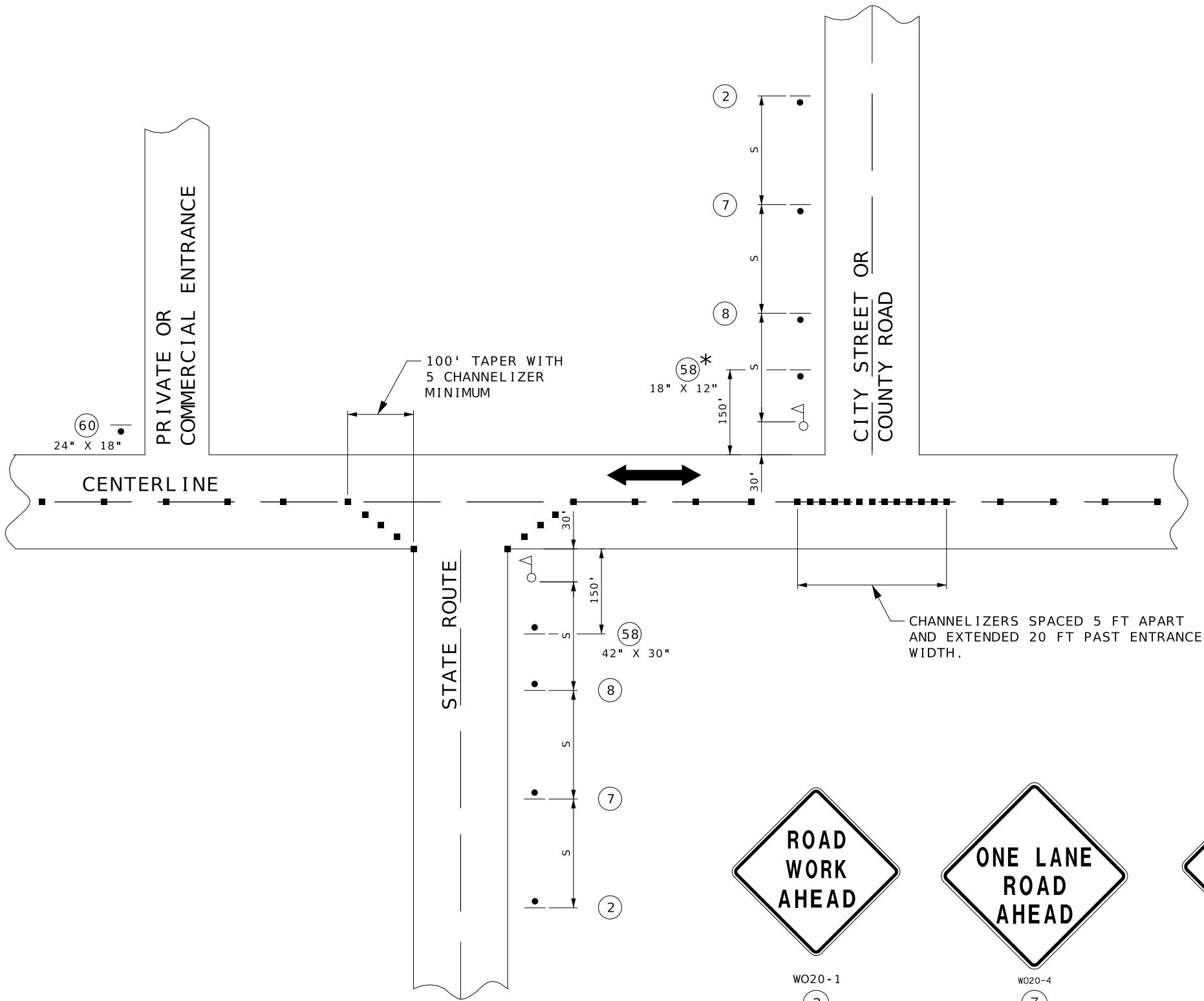
1000

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).



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

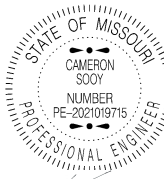


WO20-7a

8

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 6



DATE PREPARED
9/24/2026

ROUTE STATE
C MO

DISTRICT SHEET NO.
SW 8

COUNTY
HENRY/BENTON

JOB NO.
JSR0090

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





NOTES :

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

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

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

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

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

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

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

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 6



09-24-ZUZ0 14.50:42
CAMERON SOOY - CIVIL
MO DE 2021010315

DATE PREPARED _____

9/24/2026	
ROUTE	STATE

C	MO
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DISTRICT SW SHEET NO. 10

COUNTY

ENRY / BENTON

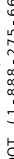
JSR0090

CONTRACT ID.

PROJECT NO.

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BRIDGE NO.

[illegible]

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)	
	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:

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



WO20-1
2



WO21-5
21

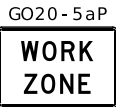


WO5-1
NEXT XX MILES (1)

WO7-3a

43 *

* OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.



R2-1
54
4

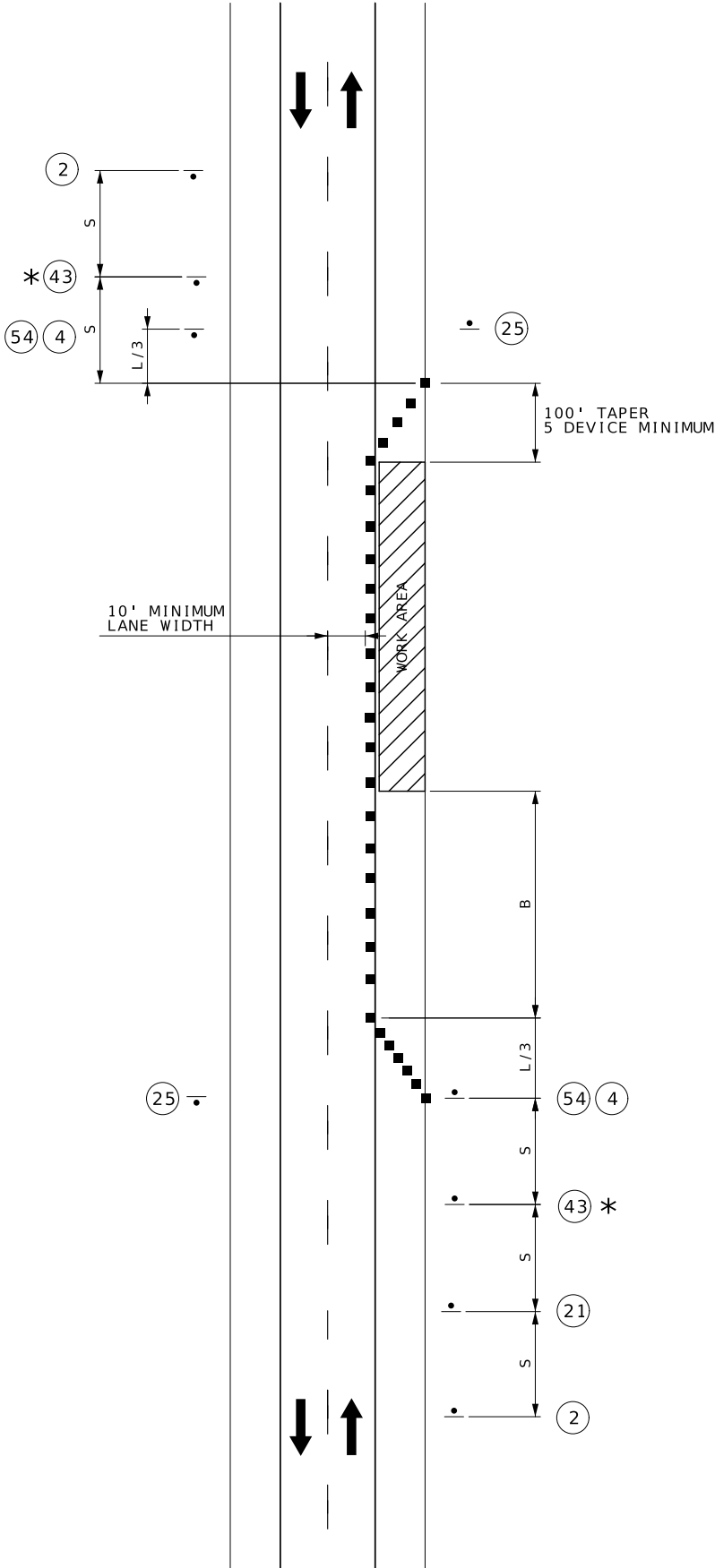


R2-1
25
(NORMAL SPEED)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER

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



NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 6



DATE PREPARED 9/24/2026	
ROUTE C	STATE MO
DISTRICT SW	SHEET NO. 11
COUNTY HENRY/BENTON	
JOB NO. JSR0090	
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)

SEE SHEET 12 - SIGNING 1 OF 6

RELOCATED EXISTING R2-1 SPEED LIMIT SIGN
FROM LOG MILE 7.102 WB (10.438 EB)



R2 - 1



R1 - 2



R1 - 2aP



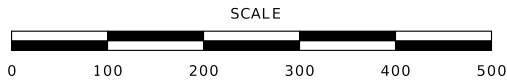
SEE SHEET 14 - SIGNING 3 OF 6



R1 - 2



R1 - 2aP



SCALE



W5 - 3



W16 - 3P

SIGNING
SHEET 2 OF 6



DATE PREPARED
9/24/2026

ROUTE	STATE
C	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
HENRY/BENTON
JOB NO.
JSR0090
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)

SEE SHEET 13 - SIGNING 2 OF 6



W5-3



W16-3P

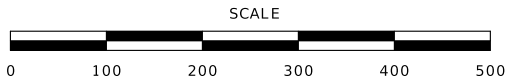
SEE SHEET 4 FOR DETAILS ON
OBJECT MARKERS AND PAVEMENT
MARKING.



R1-2



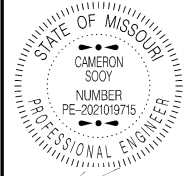
R1-2aP



SCALE

SIGNING
SHEET 3 OF 6

SEE SHEET 15 - SIGNING 4 OF 6



DATE PREPARED
9/24/2026

ROUTE	STATE
C	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
HENRY/BENTON

JOB NO.
JSR0090

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)

SEE SHEET 14 - SIGNING 3 OF 6



R1-2



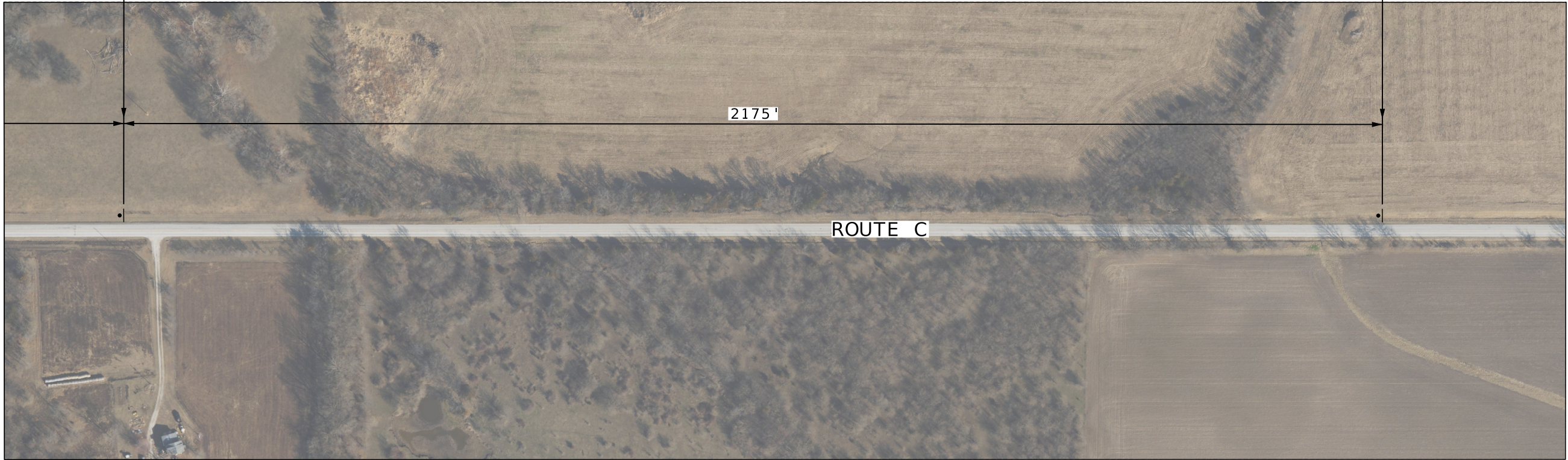
R1-2aP



W5-3

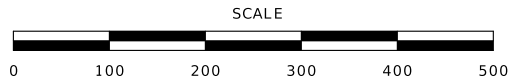


W16-3P

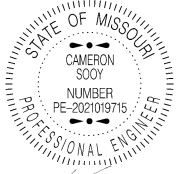


2175'

ROUTE C



SIGNING
SHEET 4 OF 6



DATE PREPARED

9/24/2026

ROUTE STATE

C

MO

DISTRICT SHEET NO.

SW

15

COUNTY

HENRY / BENTON

JOB NO.

JSR0090

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)

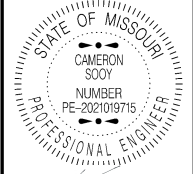
SIGNS					PERFORATED SQUARE STEEL TUBE**											EFFECTIVE: 07-01-2026	
902 SIGNAL SIGNS TABULATED ON D-37A					2" POST					2.5" POST					BREAK- AWAY ASSEMBLY ITEM NO. 9031241	REMARKS AND OTHER REQUIRED ITEMS	
					POST		ANCHORS			POST		ANCHORS					
SIGN NO.	SIGN SIZE	STATION/ LOG MILE	LOCATION	SIGN DTL SHT NO.	NO. 1	NO. 2	TOTAL ITEM NO. 9031270A	DRIVEN ITEM NO. 9031273A	CONCRETE ITEM NO. 9031274	NO. 1	NO. 2	TOTAL ITEM NO. 9031280	DRIVEN ITEM NO. 9031281A	CONCRETE ITEM NO. 9031285			
					LF	LF	LF	EACH	EACH	LF	LF	LF	EACH	EACH			
R1-2	48X48X48	10.198	RTE C RT							16		16		1			
W5-3	36X36	9.793	RTE C RT							16		16		1			
R1-2	48X48X48	10.394	RTE C LT							16		16		1			
W5-3	36X36	10.799	RTE C LT							16		16		1			
OM3-R	12X36	10.285	RTE C RT		16		16		1								
OM3-R	12X36	10.289	RTE C RT		16		16		1								
OM3-R	12X36	10.292	RTE C RT		16		16		1								
OM3-L	12X36	10.285	RTE C LT		16		16		1								
OM3-L	12X36	10.289	RTE C LT		16		16		1								
OM3-L	12X36	10.292	RTE C LT		16		16		1								
OM3-R	12X36	10.300	RTE C LT		16		16		1								
OM3-R	12X36	10.303	RTE C LT		16		16		1								
OM3-R	12X36	10.307	RTE C LT		16		16		1								
OM3-L	12X36	10.300	RTE C RT		16		16		1								
OM3-L	12X36	10.303	RTE C RT		16		16		1								
OM3-L	12X36	10.307	RTE C RT		16		16		1								
R1-2	48X48X48	11.044	RTE C RT							16		16		1			
W5-3	36X36	10.639	RTE C RT							16		16		1			
R1-2	48X48X48	11.242	RTE C LT							16		16		1			
W5-3	36X36	11.648	RTE C LT							16		16		1			
OM3-R	12X36	11.131	RTE C RT		16		16		1								
OM3-R	12X36	11.135	RTE C RT		16		16		1								
OM3-R	12X36	11.138	RTE C RT		16		16		1								
OM3-L	12X36	11.131	RTE C LT		16		16		1								
OM3-L	12X36	11.135	RTE C LT		16		16		1								
OM3-L	12X36	11.138	RTE C LT		16		16		1								
OM3-R	12X36	11.148	RTE C LT		16		16		1								
OM3-R	12X36	11.151	RTE C LT		16		16		1								
OM3-R	12X36	11.155	RTE C LT		16		16		1								
OM3-L	12X36	11.148	RTE C RT		16		16		1								
OM3-L	12X36	11.151	RTE C RT		16		16		1								
OM3-L	12X36	11.155	RTE C RT		16		16		1								
OM3-R	12X36	13.985	RTE C RT		16		16		1								
OM3-R	12X36	13.988	RTE C RT		16		16		1								
OM3-R	12X36	13.992	RTE C RT		16		16		1								
OM3-L	12X36	13.982	RTE C LT		16		16		1								
OM3-L	12X36	13.985	RTE C LT		16		16		1								
OM3-L	12X36	13.989	RTE C LT		16		16		1								
OM3-R	12X36	14.006	RTE C LT		16		16		1								
OM3-R	12X36	14.010	RTE C LT		16		16		1								
OM3-R	12X36	14.013	RTE C LT		16		16		1								
OM3-L	12X36	14.009	RTE C RT		16		16		1								
OM3-L	12X36	14.013	RTE C RT		16		16		1								
OM3-L	12X36	14.016	RTE C RT		16		16		1								
W3-5	36X36	16.082	RTE C RT							16		16		1			
R2-1	36X48	10.247	RTE C LT							16		16		1			
SUBTOTAL							576		36			160		10			
TOTAL							576		36			160		10			

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR I-BEAM, PIPE AND 4" SQUARE STEEL POSTS.
**FOR PSST WITHOUT BREAKAWAY DEVICES, POST LENGTH SHALL INCLUDE AN ADDITIONAL 6" FOR INSERTION INTO ANCHOR;
FOR SURFACED MOUNTED PSST ON ISLANDS, NO ANCHOR IS USED, JUST A SURFACE MOUNT BREAKAWAY ASSEMBKY.

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

PIPE POST AND FOOTING DATA TABLE						
NOM.SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
	LBS/FT	LBS/IN		DIA.	DEPTH	
2 1/2	5.79	0.48	4'-3 3/4"	12"	4'-6"	0.13
4	10.79	0.90	5'-3 3/4"	18"	5'-6"	0.36

SIGNING
SHEET 5 OF 6



DATE PREPARED
9/24/2026
ROUTE C STATE MO
DISTRICT SW SHEET NO. 16
COUNTY
HENRY/BENTON
JOB NO.
JSR0090
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE								

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

STANDARD SIGN ASSEMBLIES														
SIGN NO.	STATION OR LOG MILE	LOCATION	SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH											
														
			SH R1-2 48x48	SH R1-2AP 36x30	SHF W5-3 36x36	SHF W16-3P 24x18	SHF W3-5 36x36	SHF OM3-R 12x36	SHF OM3-L 12x36	SH R2-1 36x48				
1	10.198	RTE C RT	1	1										
2	9.793	RTE C RT			1	1								
3	10.394	RTE C LT	1	1										
4	10.799	RTE C LT			1	1								
5	10.285	RTE C RT							1					
6	10.289	RTE C RT							1					
7	10.292	RTE C RT							1					
8	10.285	RTE C LT								1				
9	10.289	RTE C LT								1				
10	10.292	RTE C LT								1				
11	10.300	RTE C LT							1					
12	10.303	RTE C LT							1					
13	10.307	RTE C LT							1					
14	10.300	RTE C RT								1				
15	10.303	RTE C RT								1				
16	10.307	RTE C RT								1				
17	11.044	RTE C RT	1	1										
18	10.639	RTE C RT			1	1								
19	11.242	RTE C LT	1	1										
20	11.648	RTE C LT			1	1								
21	11.138	RTE C RT							1					
22	11.135	RTE C RT							1					
23	11.131	RTE C RT							1					
24	11.138	RTE C LT								1				
25	11.135	RTE C LT								1				
26	11.131	RTE C LT								1				
27	11.147	RTE C LT							1					
28	11.151	RTE C LT							1					
29	11.155	RTE C LT							1					
30	11.147	RTE C RT								1				
31	11.151	RTE C RT								1				
32	11.155	RTE C RT								1				
33	13.985	RTE C RT							1					
34	13.988	RTE C RT							1					
35	13.992	RTE C RT							1					
36	13.982	RTE C LT								1				
37	13.985	RTE C LT								1				
38	13.989	RTE C LT								1				
39	14.006	RTE C LT							1					
40	14.010	RTE C LT							1					
41	14.013	RTE C LT							1					
42	14.009	RTE C RT								1				
43	14.013	RTE C RT								1				
44	14.016	RTE C RT								1				
45	16.082	RTE C RT					1							
46	10.247	RTE C LT								1				

[illegible]

*ORANGE, YELLOW AND YELLOW-GREEN

SIGNING
SHEET 6 OF 6



09-24-2020 14:50:43
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
9/24/2026

ROUTE	STATE
C	MO

DISTRICT SW	SHEET NO. 17
----------------	-----------------

COUNTY
HENRY / BENTON

JOB NO.
JSR0090

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)

DESIGN DESIGNATION

A.A.D.T. - 2026 = 1,308
T = 10.86%
V = 30, 55 M.P.H.

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

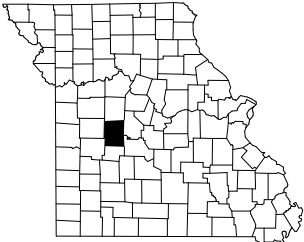
NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

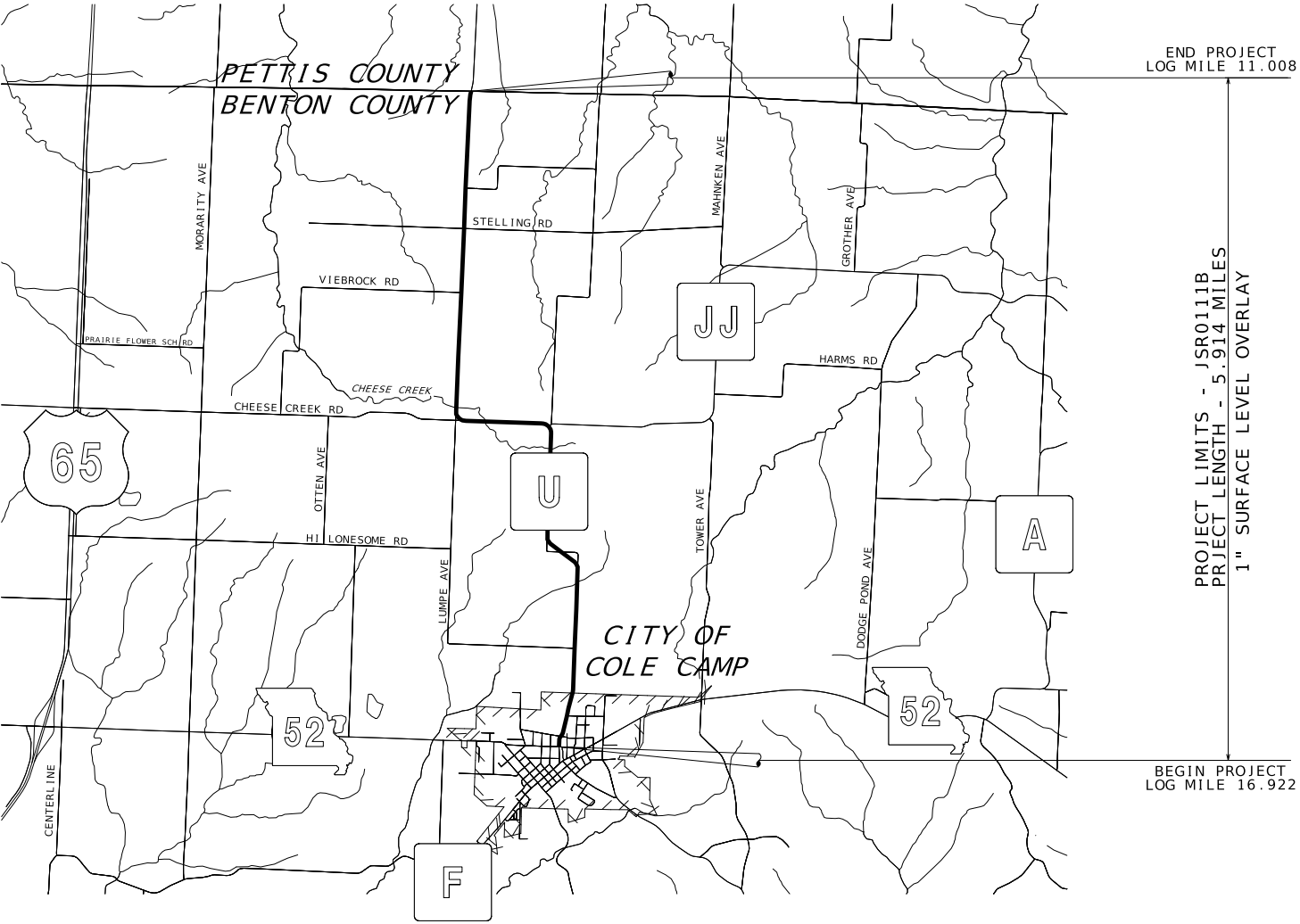
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-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



KEY MAP
LOCATION OF BENTON COUNTY



NOT TO SCALE

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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (5 SHEETS)	2
QUANTITIES (QU) (2 SHEETS)	3
TRAFFIC CONTROL SHEETS (TC)	4-8



DATE PREPARED 8/6/2026	
ROUTE U	STATE MO
DISTRICT SW	SHEET NO. 1
COUNTY BENTON	
JOB NO. JSR0111B	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

LENGTH OF PROJECT

LOG MILES FROM 2024 ARAN

BEGINNING OF PROJECT	LM.	11.008
END OF PROJECT	LM.	16.922
APPARENT LENGTH		31,225.92 FEET
EQUATIONS AND EXCEPTIONS:		NONE

TOTAL CORRECTIONS	0.000	FEET
NET LENGTH OF PROJECT	31,225.92	FEET
STATE LENGTH	5.914	MILES

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.000	ACRES
---	-------	-------

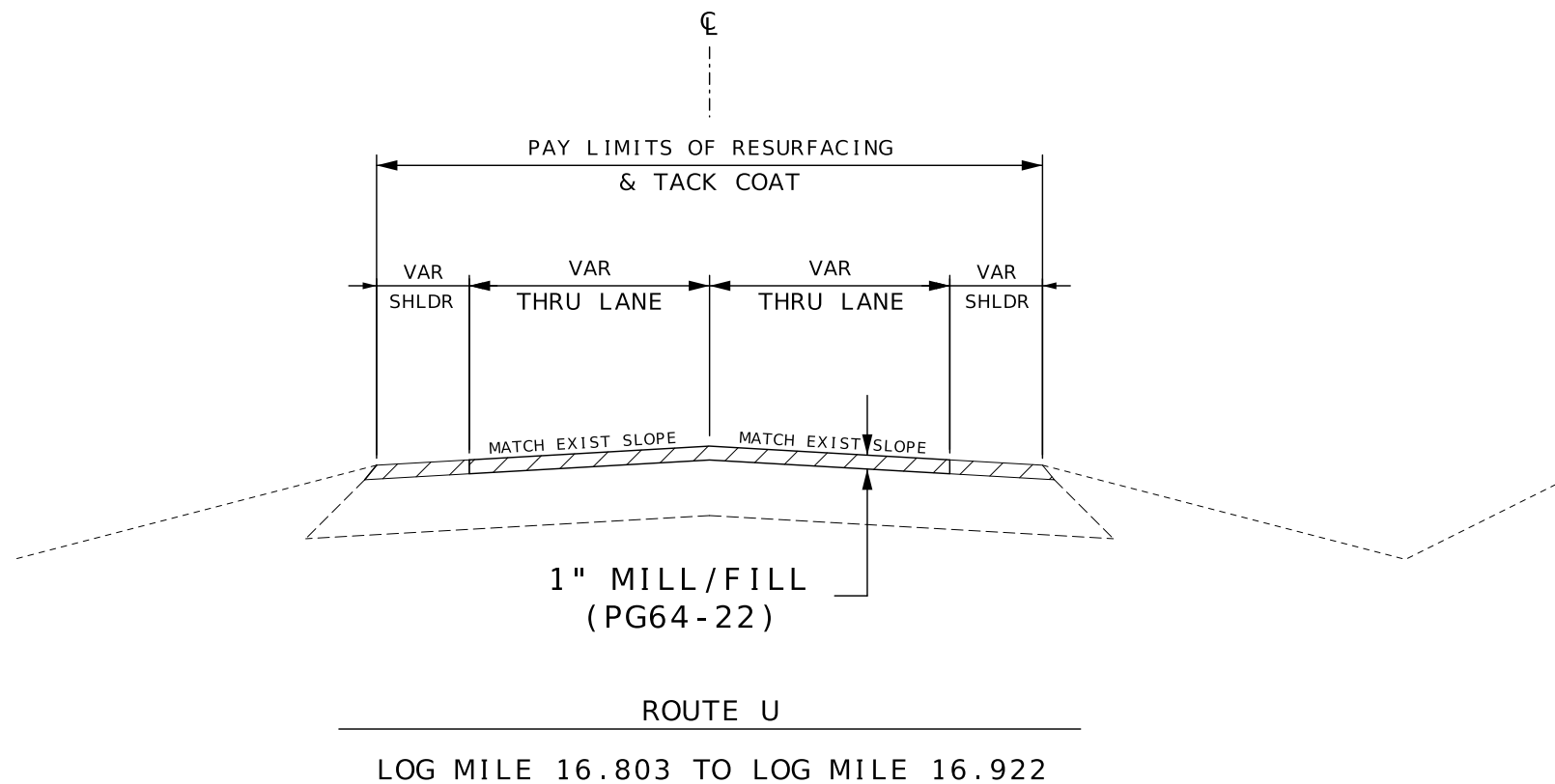
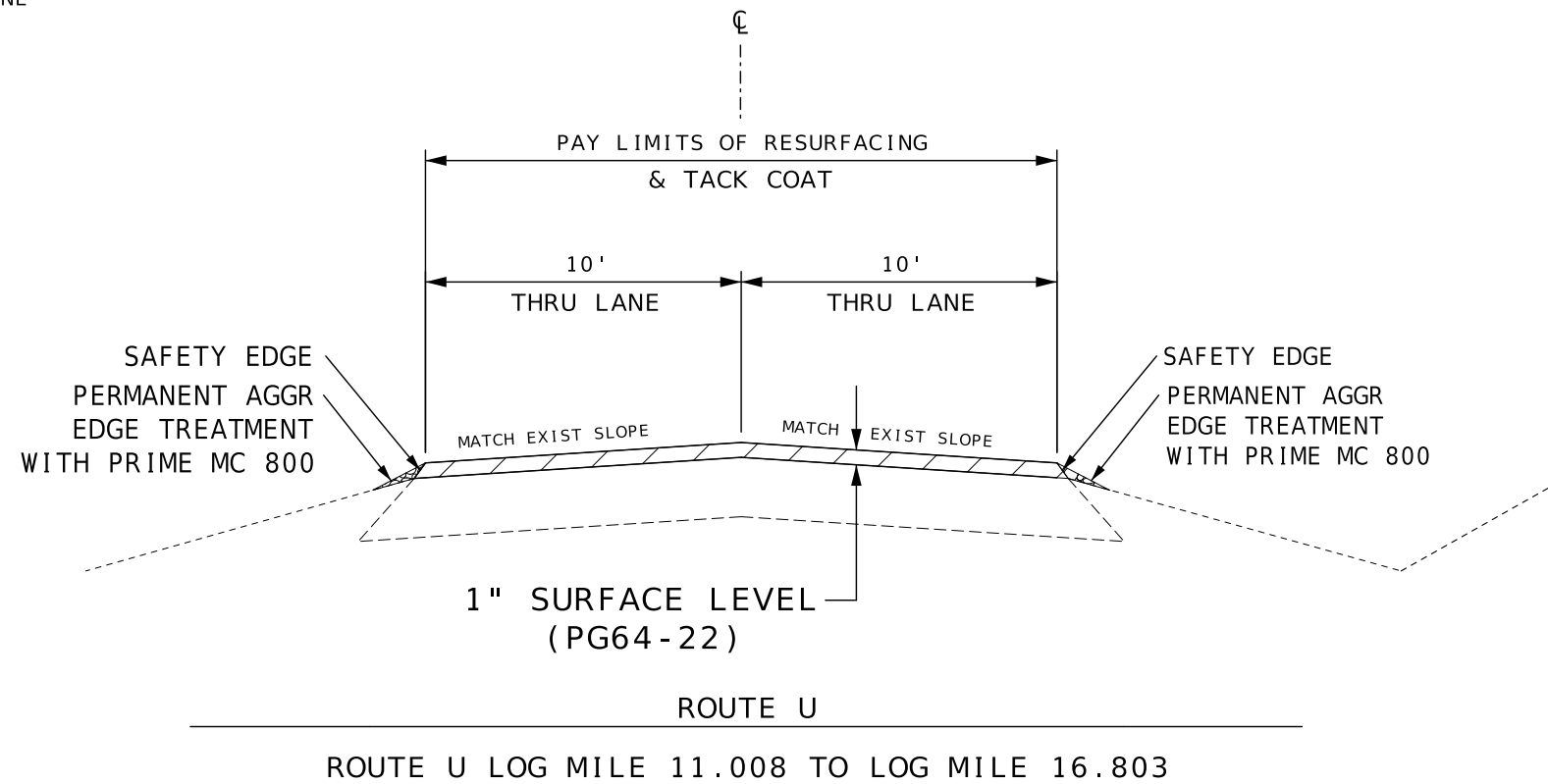
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

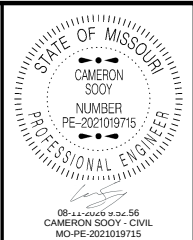
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION



ASPHALT FACTORS	
COMBINED FACTOR	
SURFACE LEVEL	1.985 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
IRREGULARITIES: 75 TONS/MI	

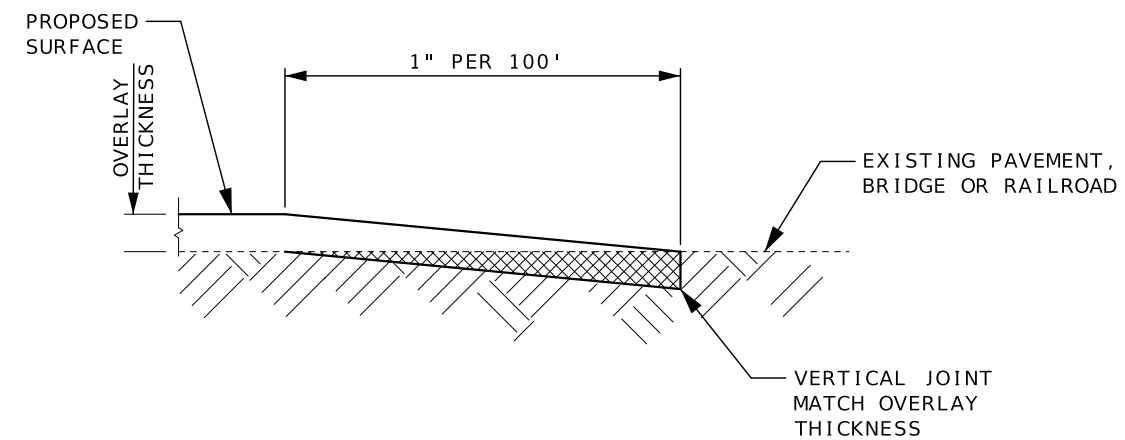
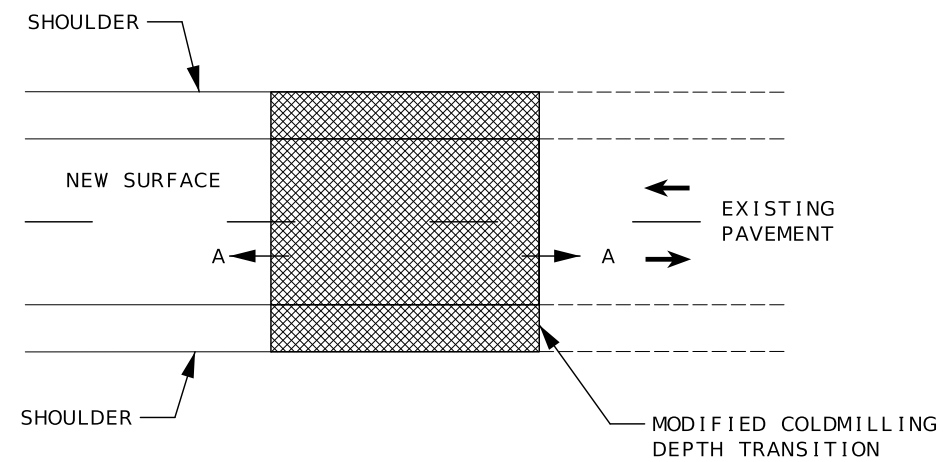


DATE PREPARED 8/6/2026	
ROUTE U	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY BENTON	
JOB NO. JSR0111B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

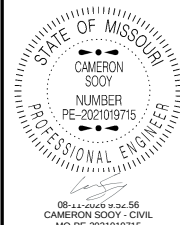
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



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

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.



DATE PREPARED
8/6/2026

ROUTE U	STATE MO
------------	-------------

DISTRICT	SHEET NO.
SW	2

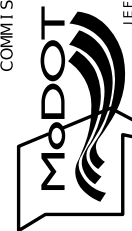
COUNTY
BENTON

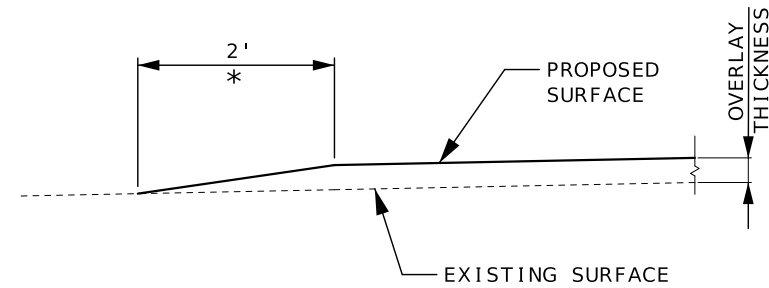
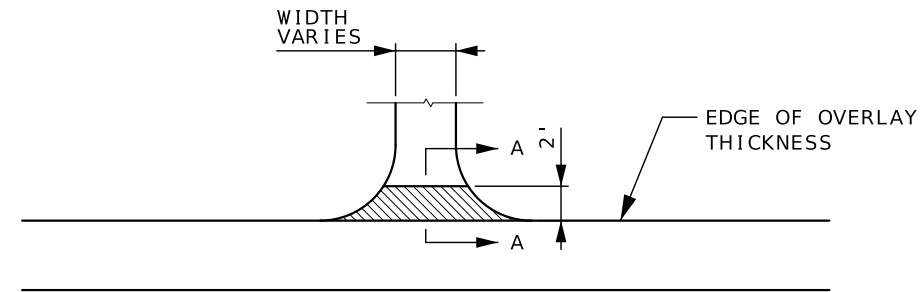
JOB NO.
JSR0111B

CONTRACT ID.

PROJECT NO.

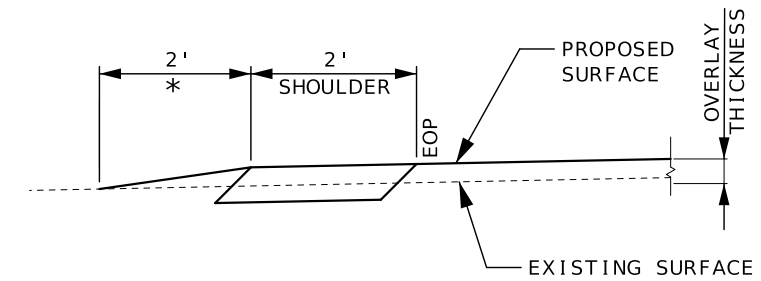
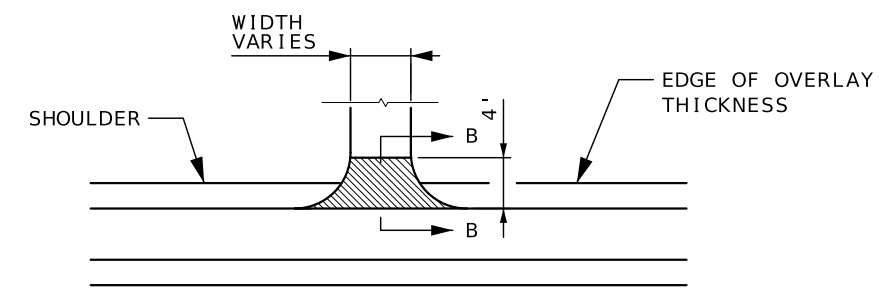
BRIDGE NO.

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COMMISSION

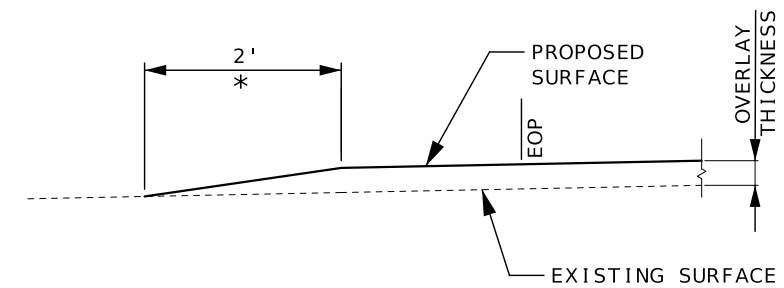


SECTION A-A
TYPICAL ENTRANCE - NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

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



AGGREGATE & EARTH ENTRANCES



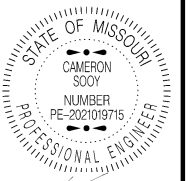
ASPHALT & CONCRETE ENTRANCES

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

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

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

6 TONS CALCULATED PER COUNTY ROAD.



DATE PREPARED
8/6/2026

ROUTE U STATE MO

DISTRICT SW SHEET NO. 2

COUNTY BENTON

JOB NO. JSR0111B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

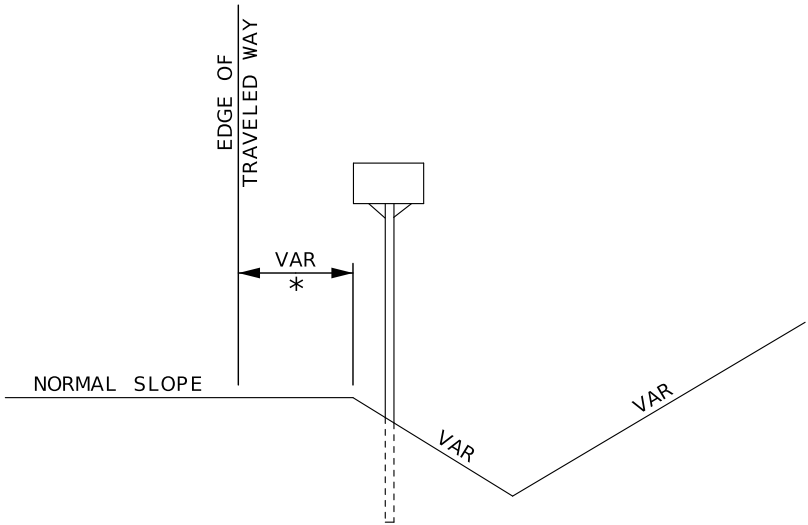
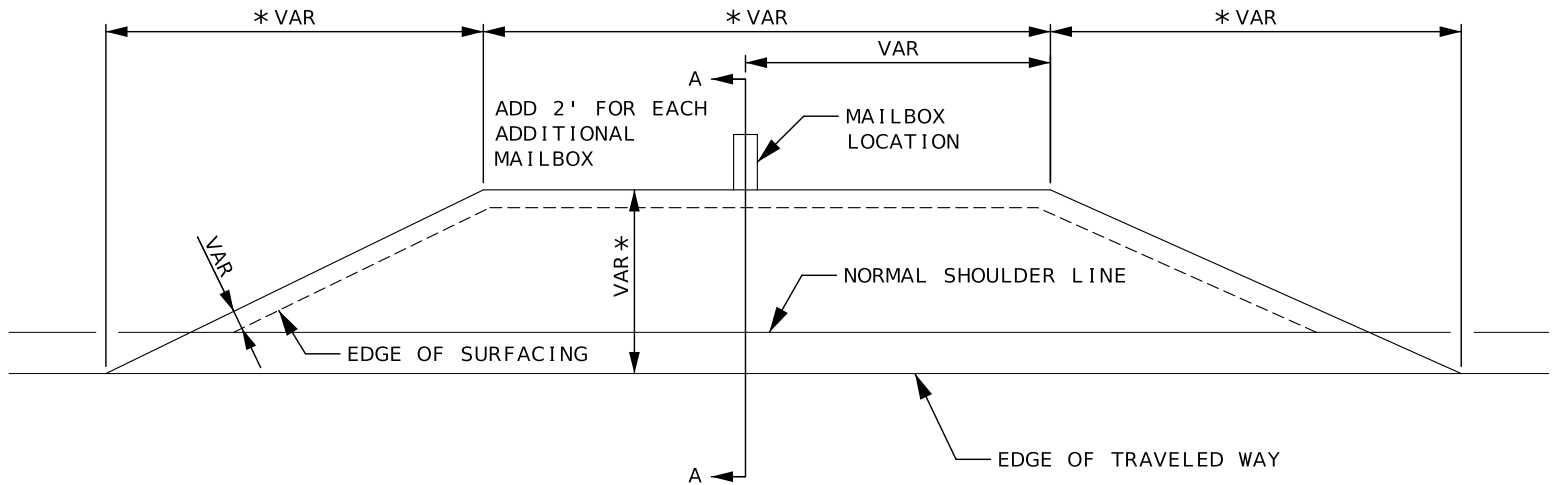
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

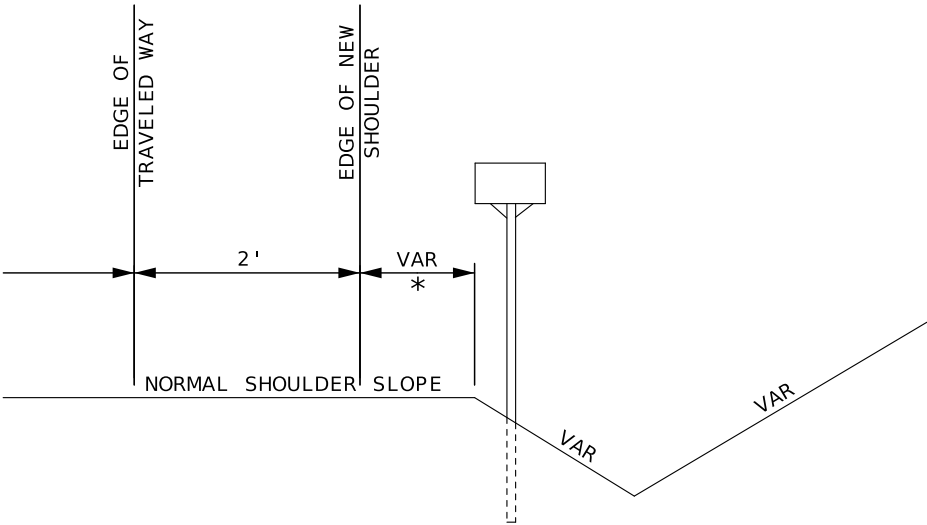
NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND 15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

TYPICAL MAILBOX TURNOUT

* AS APPROVED BY THE ENGINEER



SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER



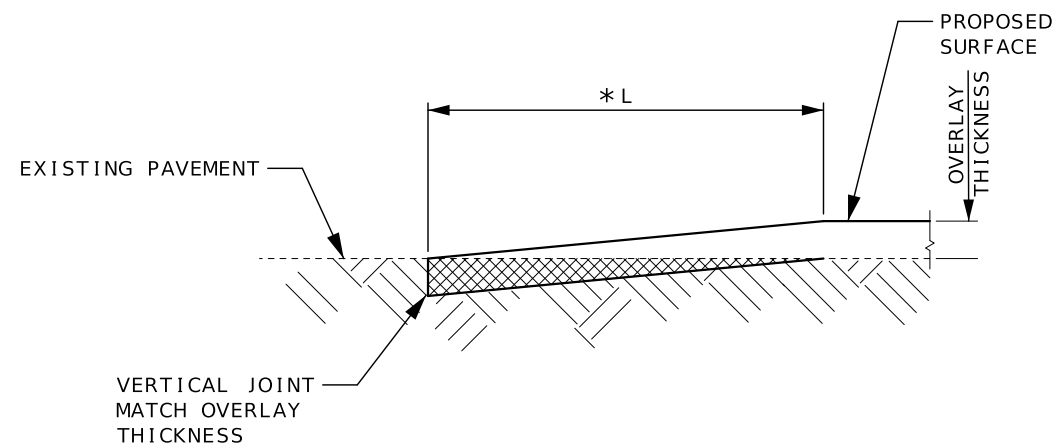
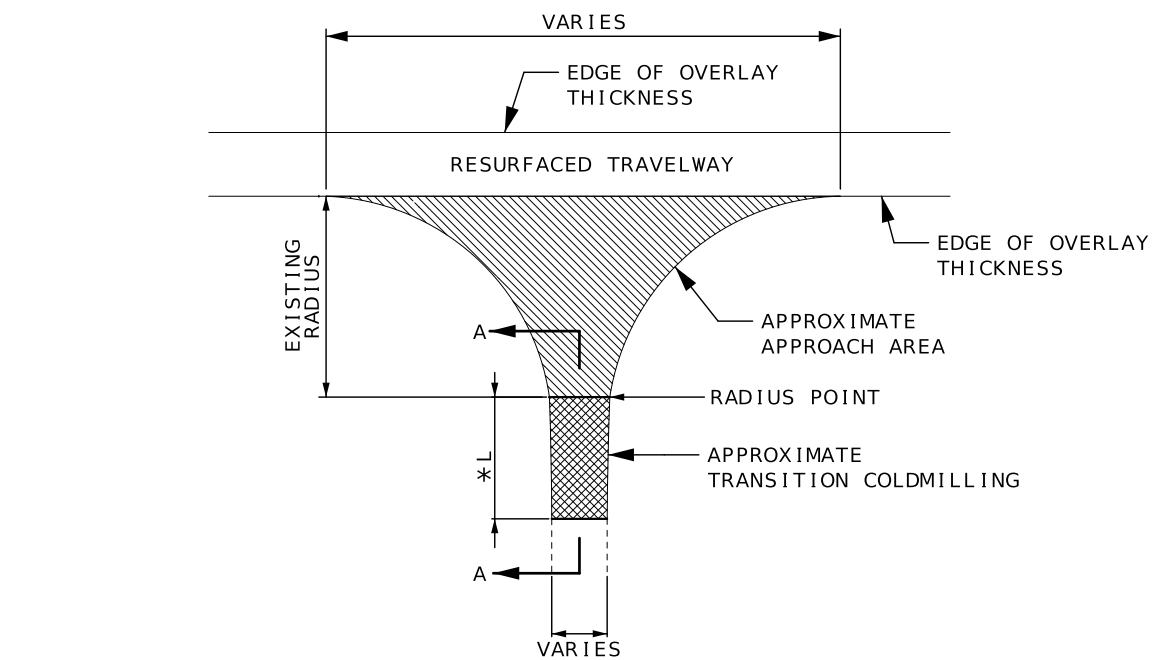
DATE PREPARED 8/6/2026	
ROUTE U	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY BENTON	
JOB NO. JSR0111B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

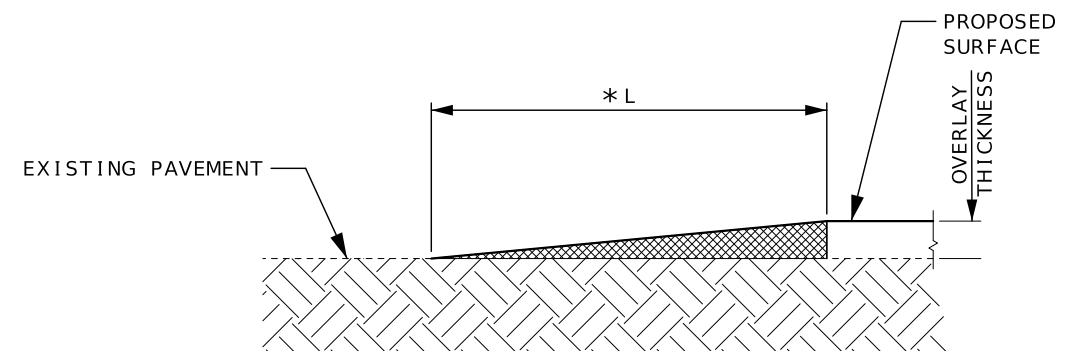
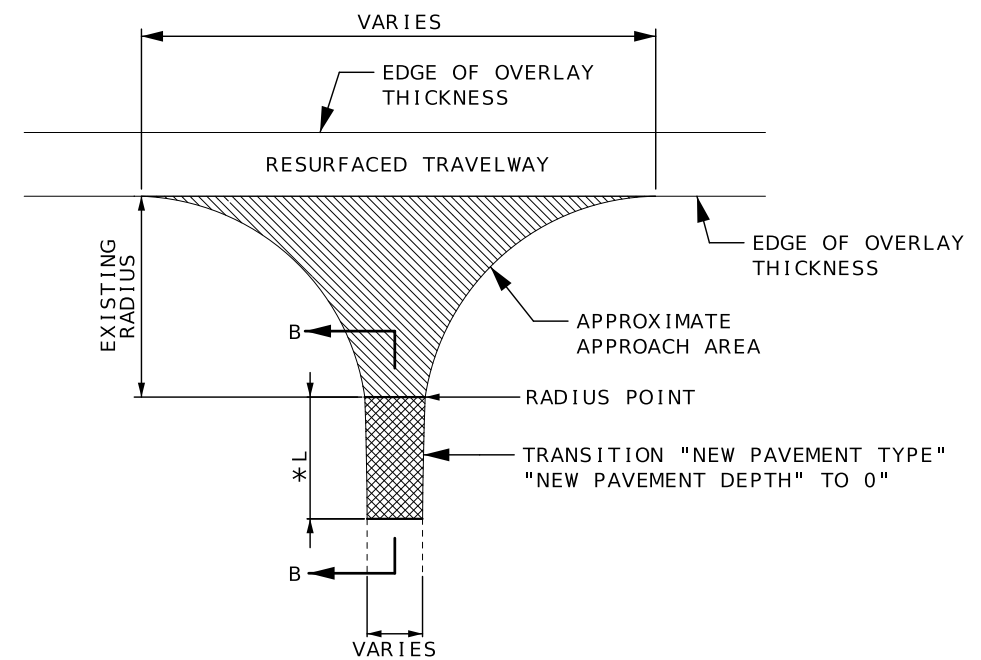


SECTION A-A

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'

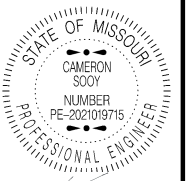


SECTION B-B

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'



DATE PREPARED
8/6/2026

ROUTE U STATE MO

DISTRICT SW SHEET NO. 2

COUNTY BENTON

JOB NO. JSR0111B

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

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

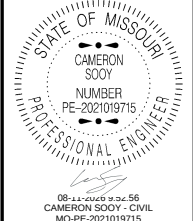
MOBILIZATION
1 LUMP SUM

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

ASPHALT, TACK, FOG SEAL, COLDMILL, AND RUMBLES											
ROUTE	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	SURFACE LEVEL	TACK		MODIFIED DEPTH TRANSITION	FULL DEPTH COLDMILL 3" OR LESS	REMARKS
						1.00"					
						1.985 TONS/CY	0.08	0.10	SY	SY	
U	11.008	11.027	100.3	20.0		12.29		22.3	222.9		BEGIN
U	11.027	16.784	30397.0	20.0		3724.57	5403.9				
U	16.784	16.803	100.3	20.0		12.29		22.3	222.9		DEPTH TRANSITION
U	16.803	16.922	628.3	24.0		92.38		167.5		1675.5	MILL/FILL TO END OF PROJECT
JJ	0.001	0.013	63.4		3640.0	22.30	32.4				OVERLAY INTERSECTION
JJ	0.013	0.017	21.1	21.0		2.71		4.9	49.2		DEPTH TRANSITION
PP	11.008	16.922	3372.0	2.0	-	41.32	-	-			ENTRANCES & SIDEROADS
PP	11.008	16.922	199.0	2.0	-	2.44	-	-			MAILBOX TURNOUTS
PP	11.008	16.922		-	-	443.55	-	-			IRREGULARITIES 75 TONS/MILE
PP	11.008	16.922	31225.9	-	-	27.61	-	-			SAFETY EDGE
TOTAL						4381.46	5436.3	217.0	495.0	1675.5	
USE						4381.5	5653		495	1676	
ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE											

PERMANENT AGGREGATE EDGE TREATMENT							
ROUTE	BEGIN	TO	END	LENGTH	AGGREGATE	PRIME MC 800	REMARKS
	LOG MILE		LOG MILE	MILES	200 TON/MILE*	590 GAL/MILE*	
U	11.008	-	16.803	5.795	1159.0	3419	
TOTALS					1159.0	3419	*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY

PAVEMENT MARKING						
BEGIN LOG MILE	END LOG MILE	LT/RT LOCATION	WATERBORNE PAINT, CLASS 1 BEADS		PREFORMED THERMOPLASTIC	REMARKS
			4" SOLID WHITE	4" SOLID YELLOW	24" WHITE	
			LF	LF	LF	
11.008	16.922	LT/RT	62460.0	62460.0		ASSUMED DSY
16.920		RT			12.0	STOP BAR
16.921		RT			30.0	MIDBLOCKS
TOTAL			62460.0	62460.0	42.0	
USE			62460	62460	42	



DATE PREPARED 8/6/2026	
ROUTE U	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY BENTON	
JOB NO. JSR0111B	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE					

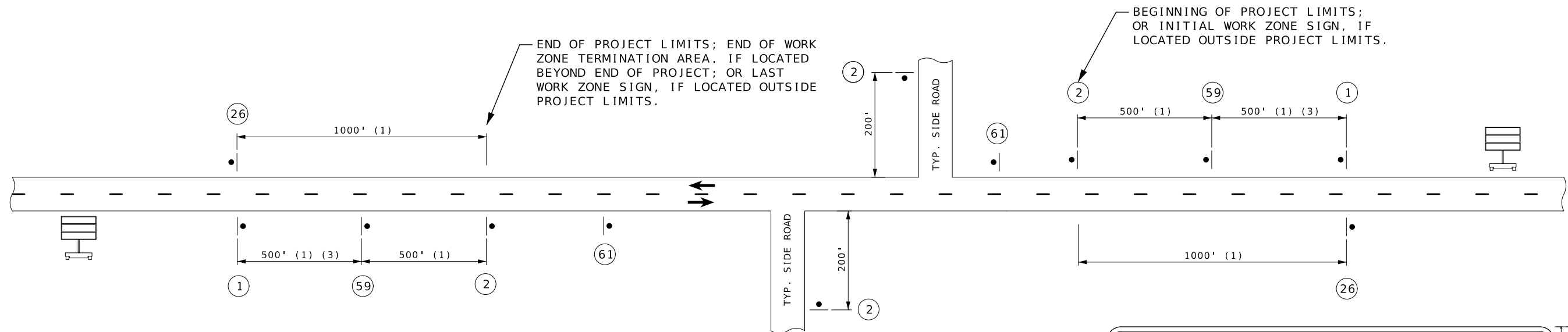
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

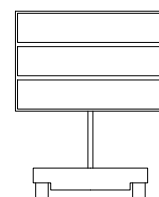
SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	QTY RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NO.	DESCRIPTION	SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL SQ. FT.	QTY RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NO.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025			
																				DESCRIPTION			
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)			
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00							GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)		
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00							EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)		
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00							EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)		
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	2	20.00					ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)		
WO1-3L	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)		
WO1-3R	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)		
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75	1	8.75					PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL		
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50	6	9.00					PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)		
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00							WORK ZONE (PLAQUE)	6122040		WORK ZONE CRASH CUSHION (NARROW)		
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00							END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)		
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00							DETOUR (LEFT)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)		
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00							DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)		
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00							STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)		
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00							DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)		
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00							DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (DRUM-LIKE)		
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)			
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25							STOP	6161025	150	CHANNELIZER (TRIM-LINE)		
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93							YIELD	6161026		CHANNELIZER (VERTICAL PANEL)		
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00							TO ONCOMING TRAFFIC (PLAQUE)	6161030		TYPE 3 MOVEABLE BARRICADE		
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50							ALL WAY (PLAQUE)	6161033		DIRECTION INDICATOR BARRICADE		
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00							SPEED LIMIT XX	6161040		FLASHING ARROW PANEL		
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00							NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER		
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00							NO LEFT TURN (SYMBOL)	6161055		SEQUENTIAL FLASHING WARNING LIGHT		
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00							NO TURNS	6161070		TUBULAR MARKER		
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00							NO U-TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM		
WO4-2L	48X48	16.00						LANE ENDS LEFT	R3-7L	30X30	6.25							LEFT LANE MUST TURN LEFT			CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED		
WO4-2R	48X48	16.00						LANE ENDS RIGHT	R3-7R	30X30	6.25							RIGHT LANE MUST TURN RIGHT	6161096		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED		
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00							DO NOT PASS			CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED		
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00							PASS WITH CARE	6161098A		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)			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)	6161099	2	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)			TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED		
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75							ONE WAY ARROW (RIGHT)	6173600D		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED		
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00							ONE WAY (LEFT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED		
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00							ONE WAY (RIGHT)	6173700B		RELOCATING TEMPORARY TRAFFIC BARRIER		
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00							SIDEWALK CLOSED			RELOCATING TEMP. TRAFFIC BARRIER ANCHORED		
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)										SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6173706		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS		
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11L	24X18	3.00							SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE			RELOCATING TEMP. TRAFFIC BARRIER HEIGHT		
WO8-6c	48X48	16.00						TRUCK ENTRANCE											6174000A		TEMPORARY RAISED PAVEMENT MARKER		
WO8-7	36X36	9.00						LOOSE GRAVEL	R9-11R	24X18	3.00							STOP HERE ON RED (45° ARROW)	6175010A		TEMPORARY TRAFFIC SIGNALS		
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R10-6	24X36	6.00							ROAD CLOSED	6175011B		TEMPORARY TRAFFIC SIGNALS AND LIGHTING		
WO8-9	48X48	16.00						LOW SHOULDER	R11-2	48X30	10.00							ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY	6175013				
WO8-11	48X48	16.00	12	192.00				UNEVEN LANES	R11-3a	60X30	12.50							ROAD CLOSED TO THRU TRAFFIC	6175020A				
WO8-12	48X48	16.00	6	96.00				NO CENTER LINE	R11-4	60X30	12.50							FINE SIGN	6208064A				
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3A	60X48	20.00								9029400				
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-3X	56X12	4.67								9029401				
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	MISCELLANEOUS SIGNS									SUMMARY OF QUANTITIES SHEET 2 OF 2					
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-5	48X36	12.00										POINT OF PRESENCE		
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-5	96X48	32.00	2	64.00								POINT OF PRESENCE		
W10-1	42RND.	9.62						RAILROAD CROSSING	CONST-8	48X36	12.00	2	24.00								WORK ZONE NO PHONE ZONE		
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)															
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)															
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)															
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)															
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD															
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD															
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)															
WO16-2	30X24	5.00																					

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.

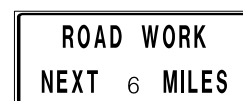
- (2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.
- (3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED 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



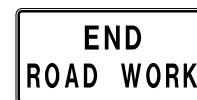
WORK ZONE

NO PHONE
ZONE

(59) (3)



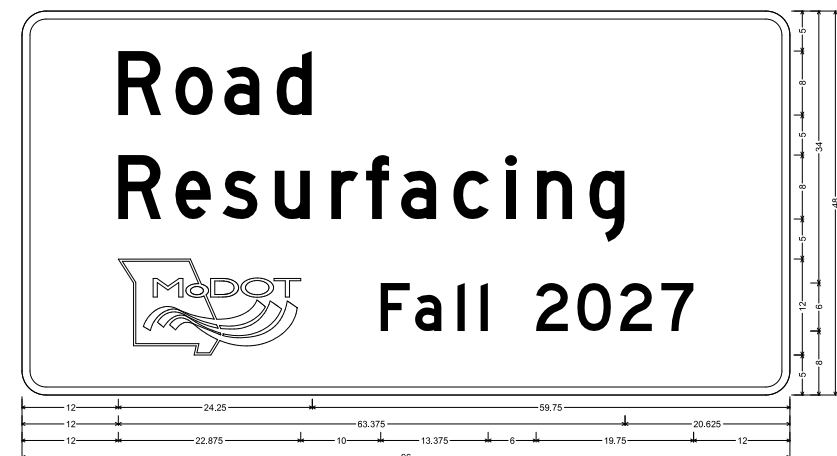
① (5)



(26) (5)



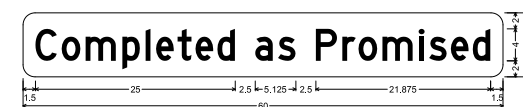
2



CONST-5 SH-FLAT SHEET:

3.000" Radius, 1.000" Border, White on Green;
 "Roof", D: "Resurfacing", D: "Fall 2027", D:
 Table of letter and object lists

R 12.000	a 19.125	a 25.250	a 31.875												
R 12.000	i 19.125	s 25.000	u 31.625	r 38.625	f 43.000	t 47.375	c 53.875	i 60.500	b 64.375	q 70.875					
12.000	F 44.875	A 49.125	I 54.500	S 57.375	P 64.250	O 69.375	2 74.750	7 79.875							

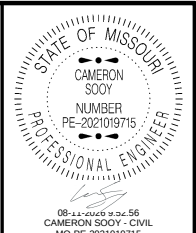


CONST-5P-60 SHF-FLAT SHEET FLUORESCENT;
1.500" Radius, No border, Yellow;
"Completed as Promised" Black, D 65% spacing;
Table of letter and object lifts

C	e	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	i	s	e	s			
36,625	39,875	41,875	44,875	49,500	50,750	53,500	56,250			

CONST-5-96
(61) (2)

TRAFFIC CONTROL
SHEET 1 OF 5



DATE PREPARED
8/6/2026

ROUTE U	STATE MO
DISTRICT SW	SHEET NO. 4

COUNTY
BENTON

JOB NO.
JSR0111B

CONTRACT ID.

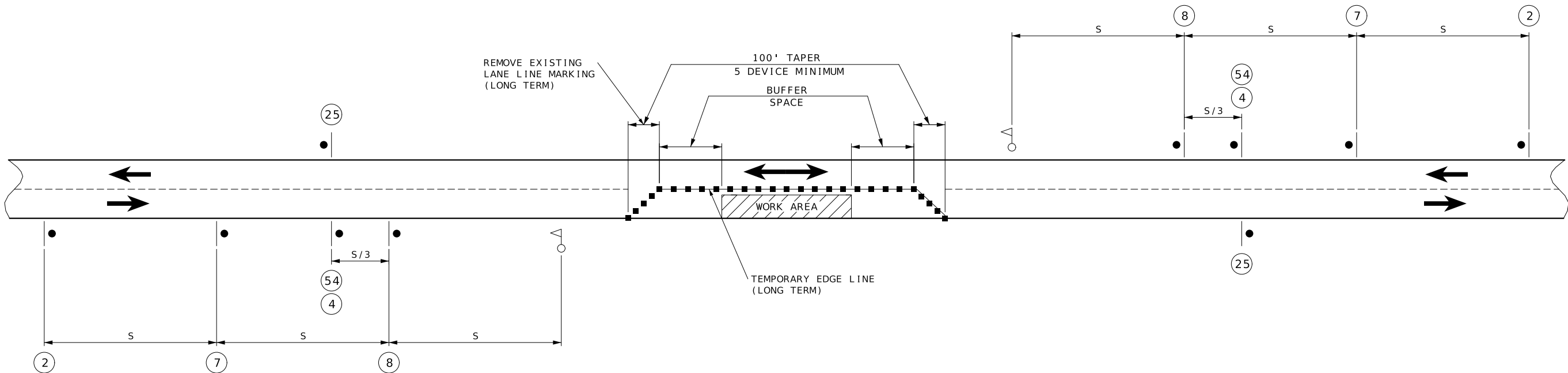
PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



BRIDGE
OR
RAMP



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

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

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

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

• SIGN (SINGLE SIDED)

△ FLAGGER

■ CHANNELIZER

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

SPACING NOTES:

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

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

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

NOT TO SCALE
TRAFFIC CONTROL
SHEET 2 OF 5

STATE OF MISSOURI
CAMERON SCOTT
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

08-11-2026 9:04:56
CAMERON SCOTT - CIVIL
MO-PE-2021019715

DATE PREPARED
8/6/2026

ROUTE
U

DISTRICT
SW

STATE
MO

SHEET NO.
5

COUNTY
BENTON

JOB NO.
JSR0111B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

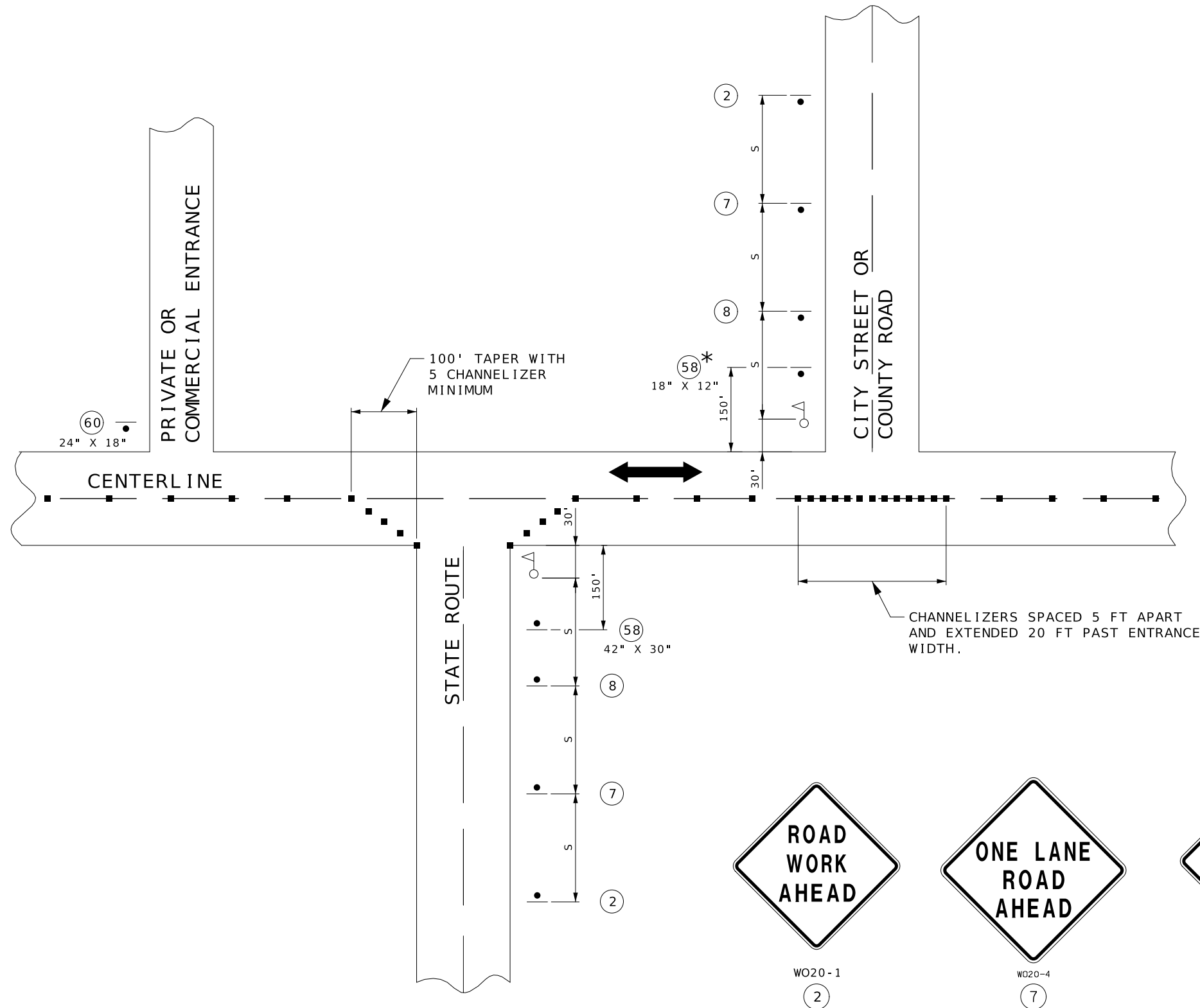
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT

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.



WO20 - 1



W020-4



WO20-7a

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 5



08-11-2024 9.52:56
CAMERON SOOY - CIVIL

DATE PREPARED
0-1-68-00000

07/07/2020	
ROUTE	STATE

U	MO
DISTRICT	SHEET NO.

SW	6
----	---

BENTON

JOB NO.
1SR0111B

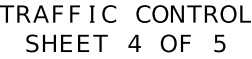
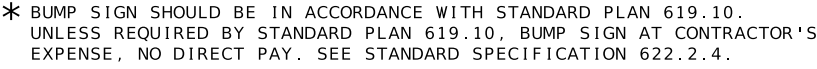
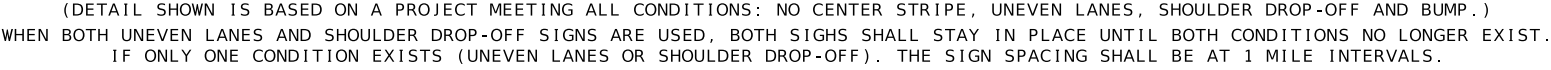
CONTRACT ID.

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)

[illegible]



(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.

TRAFFIC CONTROL
SHEET 5 OF 5



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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DESIGN DESIGNATION

A.A.D.T. - 2025 = 552
T = 10.80%
V = 45, 55 M.P.H.

FUNCTIONAL CLASSIFICATION-MAJOR COLLECTION

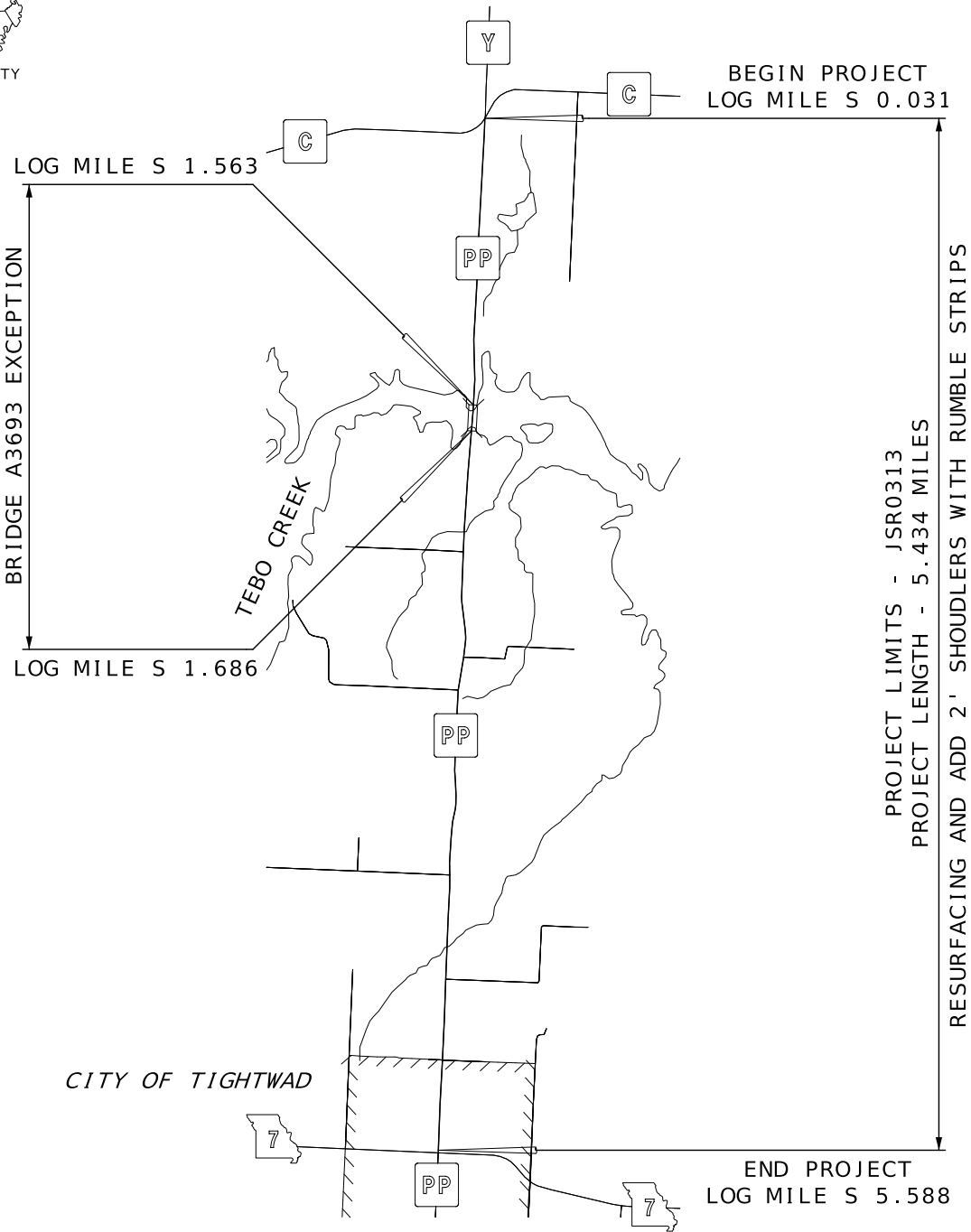
NO NEW R/W REQUIRED

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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



NOT TO SCALE

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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (6 SHEETS)---	2
QUANTITIES (QU) (3 SHEETS)-----	3
SPECIAL SHEET (SS)	4
TRAFFIC CONTROL SHEETS (TC)-----	5-10



DATE PREPARED 8/6/2026	
ROUTE PP	STATE MO
DISTRICT SW	SHEET NO. 1
COUNTY HENRY	
JOB NO. JSR0313	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

LENGTH OF PROJECT

LOG MILES FROM 2025 ARAN

BEGINNING OF PROJECT	LM. 0.031
END OF PROJECT	LM. 5.588

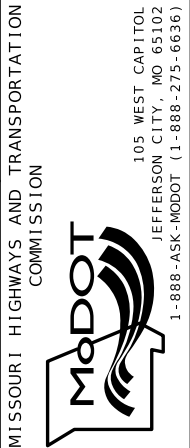
APPARENT LENGTH	29,340.96 FEET
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EQUATIONS AND EXCEPTIONS:

BRIDGE A3693 EXCEPTION: LM: 1.563 - 1.686	-649.44 FEET
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TOTAL CORRECTIONS	-649.44 FEET
NET LENGTH OF PROJECT	28,691.52 FEET
STATE LENGTH	5.434 MILES

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	5.270 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.

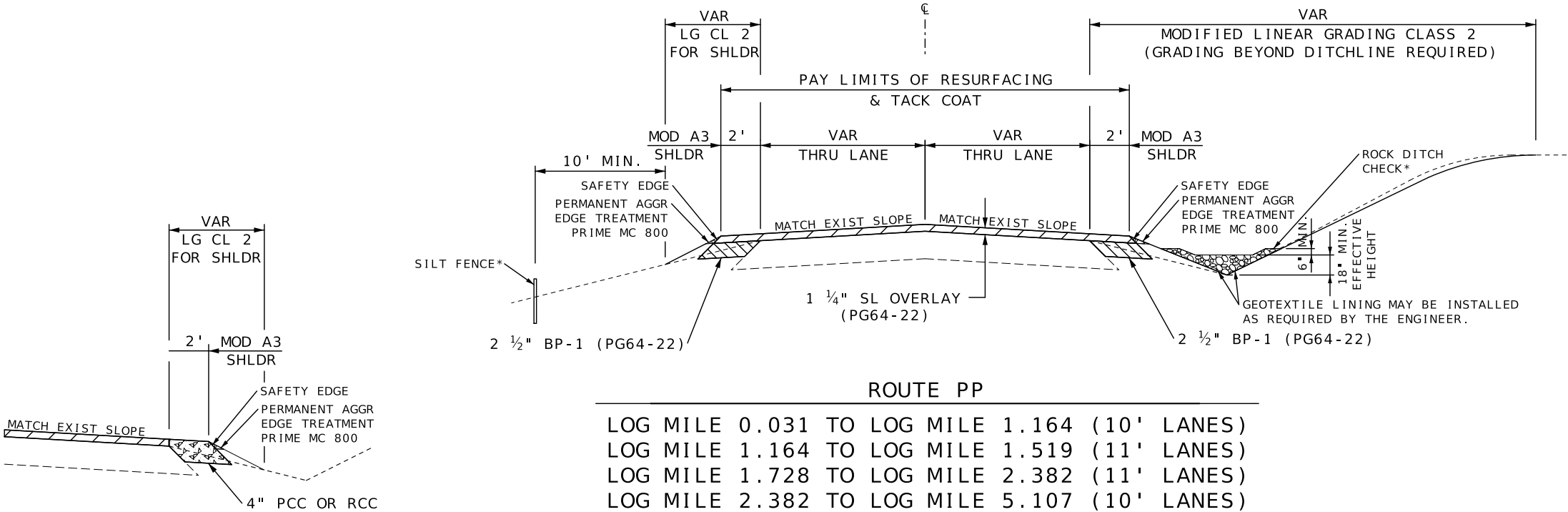
LINEAR GRADING CLASS 2 FOR SHOULDERS CONFINED TO FORESLOPE.

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

SURFACE PLACEMENT - ONE PASS PER LANE

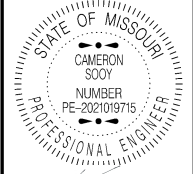
NO S.E. CORRECTION

ASPHALT FACTORS	
COMBINED FACTOR	
SL (PG64-22)	1.985 TONS/CY
BP-1 (PG64-22)	1.985 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	



CONCRETE SHOULDERS

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



DATE PREPARED 8/6/2026	
ROUTE PP	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY HENRY	
JOB NO. JSR0313	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

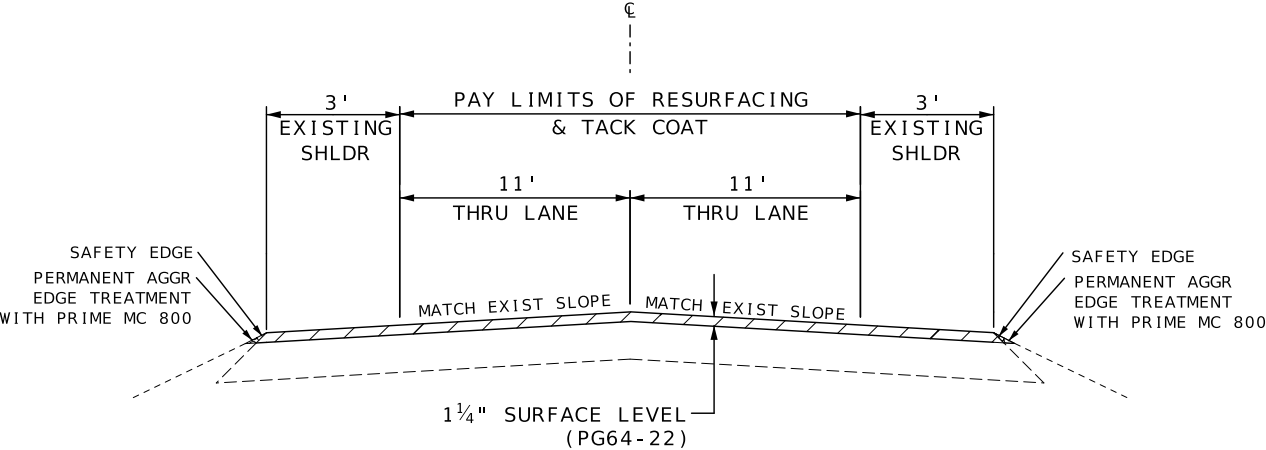


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

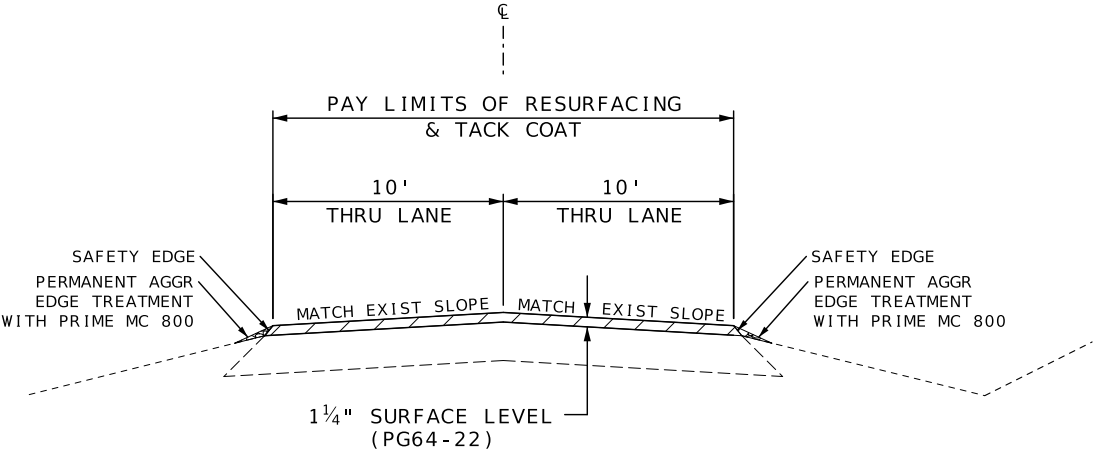
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION



ROUTE PP
LOG MILE 1.519 TO LOG MILE 1.563
LOG MILE 1.686 TO LOG MILE 1.728

BRIDGE A3693 EXCEPTION
LOG MILE 1.563 TO 1.686



ROUTE PP
LOG MILE 5.107 TO LOG MILE 5.588

ASPHALT FACTORS	
COMBINED FACTOR	
SL (PG64-22)	1.985 TONS/CY
BP-1 (PG64-22)	1.985 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	

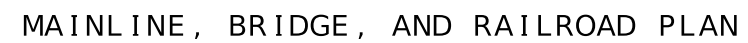


DATE PREPARED 8/6/2026	
ROUTE PP	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY HENRY	
JOB NO. JSR0313	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

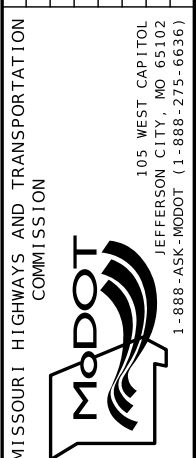
DESCRIPTION	DATE

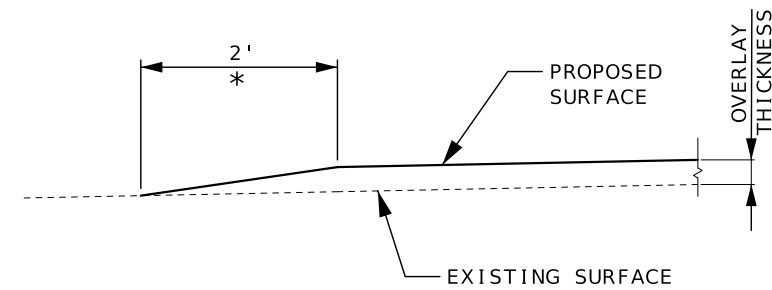
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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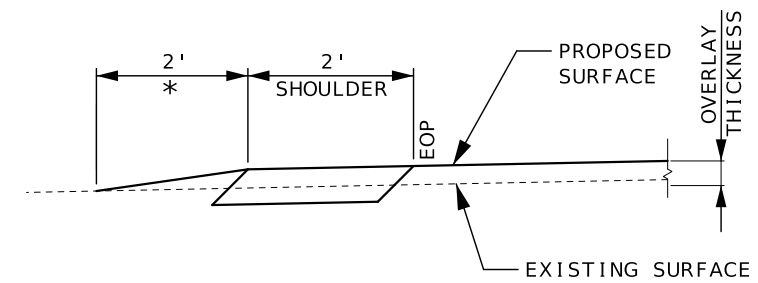
NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.





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

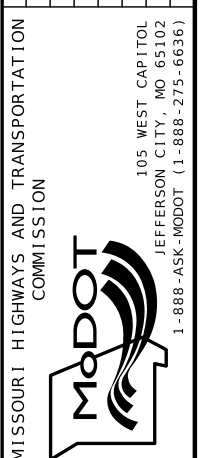
6 TONS CALCULATED PER COUNTY ROAD.



The diagram illustrates a cross-section of a road surface. A dashed line represents the 'EXISTING SURFACE'. A solid line represents the 'PROPOSED SURFACE'. The proposed surface starts at the existing surface and rises over a horizontal distance of 2 feet, marked with a dimension line and '2'' and an asterisk (*). This transition zone is labeled 'EOP' (End of Profile). The vertical distance between the existing and proposed surfaces at the end of the transition zone is labeled 'OVERLAY THICKNESS'.

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

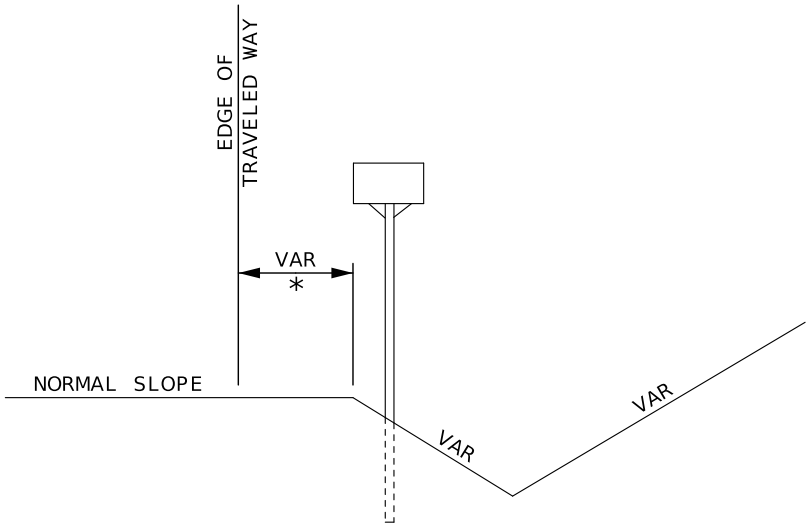
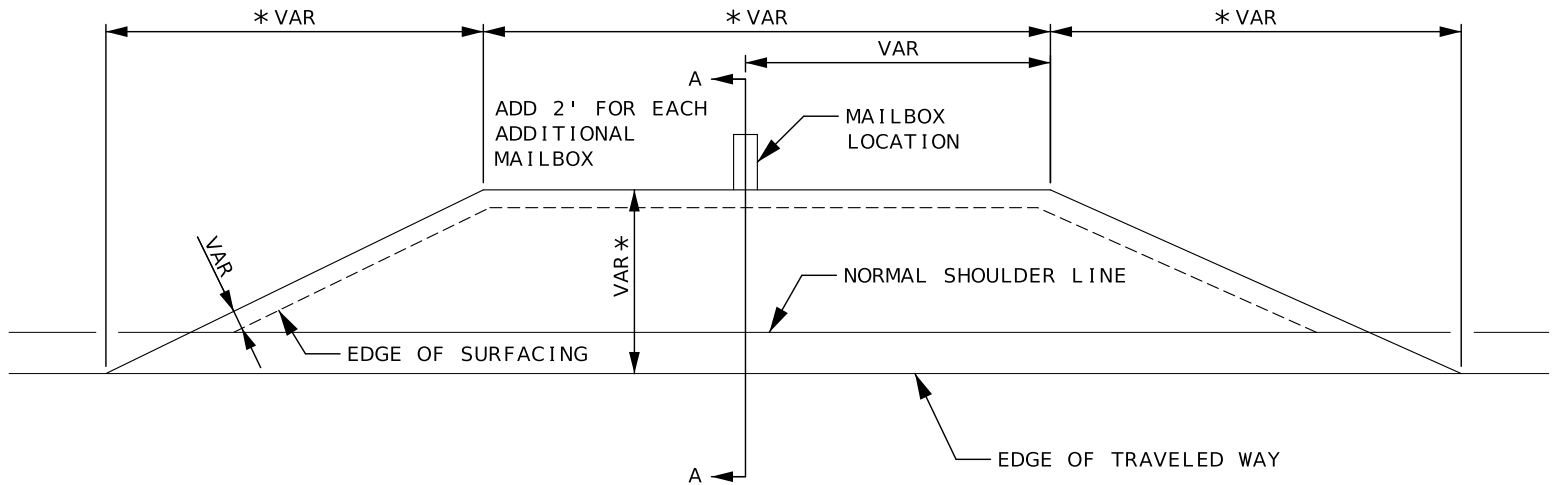
6 TONS CALCULATED PER COUNTY ROAD.



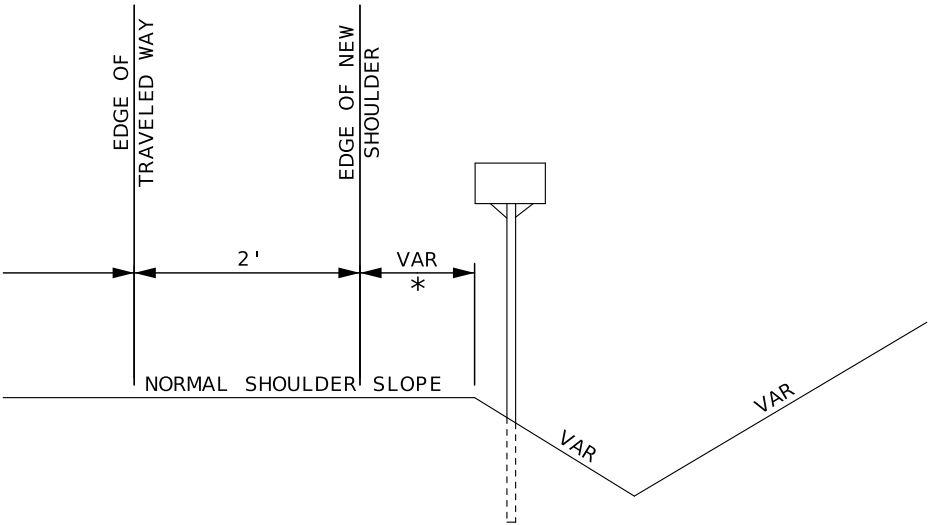
NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND 15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

TYPICAL MAILBOX TURNOUT

* AS APPROVED BY THE ENGINEER



SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER



DATE PREPARED 8/6/2026	
ROUTE PP	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY HENRY	
JOB NO. JSR0313	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



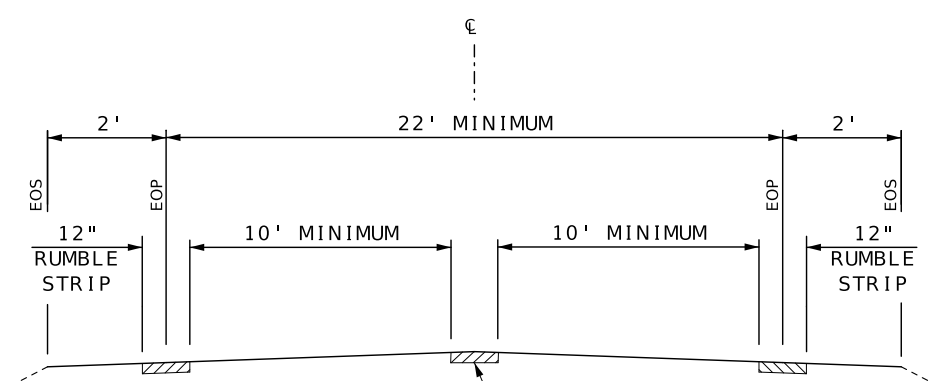
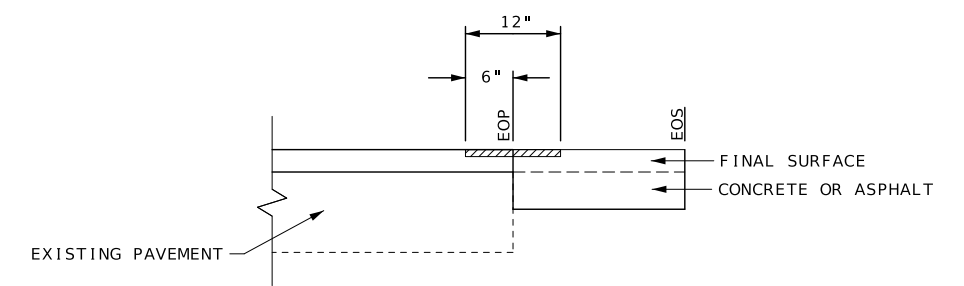
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



RUMBLE STRIPS FOR 2' MODIFIED A3 SHOULDERS

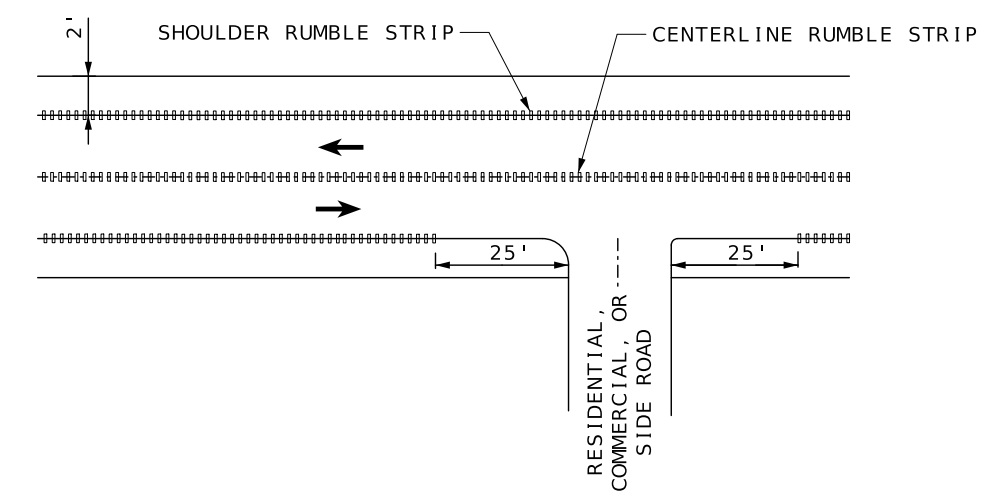
AS APPROVED BY THE ENGINEER, A 6" MINI RUMBLE STRIP
MAY BE USED WHERE A 12" RUMBLE STRIP DOES NOT FIT.

RUMBLE STRIP DETAILS



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

INTERSECTION RUMBLE STRIP LAYOUT



STATE OF MISSOURI
CAMERON SOOY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

08-11-2026 9:49:35
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
8/6/2026

ROUTE
PP

DISTRICT
SW

STATE
MO

SHEET NO.
2

COUNTY
HENRY

JOB NO.
JSR0313

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

PERMANENT AGGREGATE EDGE TREATMENT							
ROUTE	BEGIN LOG MILE	TO	END LOG MILE	LENGTH MILES	AGGREGATE 200 TON/MILE*	PRIME MC 800 590 GAL/MILE*	REMARKS
PP	0.031	-	1.563	1.532	306.4	904	
PP	1.686	-	5.588	3.902	780.4	2302	
TOTALS					1086.8	3206	*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY

PAVEMENT MARKING REMOVAL					
LT/RT LOCATION	BEGIN LOG MILE	END LOG MILE	OFFSET	PAVEMENT MARKING REMOVAL	
				LF	REMARKS
PP	1.563	1.686	RT/LT	2597.8	BRIDGE A3693
TOTAL				2597.8	
USE				2598	

PAVEMENT MARKING					
BEGIN LOG MILE	END LOG MILE	LT/RT LOCATION	WATERBORNE PAINT, CLASS 1 BEADS		REMARKS
			4" SOLID WHITE	4" SOLID YELLOW	
			LF	LF	
0.031	5.588	LT/RT	58680.0	58680.0	ASSUMED DSY
TOTAL			58680.0	58680.0	
USE			58680	58680	

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	
1.421	1.561	RT	737.5	1	1	8.55	
1.421	1.561	LT	737.5	1	1	8.55	
1.690	1.924	RT	1262.5	1	1	13.80	
1.690	1.924	LT	1262.5	1	1	13.80	
2.126	2.305	RT	950.0	2		10.80	
2.126	2.305	LT	950.0	2		10.80	
TOTAL			5900.0	8	4	66.3	ALL GUARDRAIL LENGTH IS ROUNDED UP TO THE NEAREST 12.5'
USE			5900	8	4	66	

TEMPORARY EROSION CONTROL			
ITEM	QUANTITY	UNIT	REMARKS
ROCK DITCH CHECK	1000.00	LF	
SILT FENCE	2500.00	LF	LT/RT COMBINED TOTAL
SEDIMENT REMOVAL	125.00	CY	LT/RT COMBINED TOTAL
SEPARATION GEOTEXTILE	500.00	SY	LT/RT COMBINED TOTAL



DATE PREPARED 8/6/2026	
ROUTE PP	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY HENRY	
JOB NO. JSR0313	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION							

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN	SIZE	AREA	QTY	TOTAL	RELOC	TOTAL	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																6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)																
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								6122012		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								6122014		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								6122017		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								6122019		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)							
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)								GO20-4a	42X30	8.75	0						PILOT CAR IN USE WAIT & FOLLOW								6122020		REPLACEMENT SAND BARREL							
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)								GO20-4a	18X12	1.50	10	15.00					PILOT CAR IN USE WAIT & FOLLOW								6122030		IMPACT ATTENUATOR (RELOCATION)							
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)								GO20-5aP	36X24	6.00							WORK ZONE (PLAQUE)								6122040		WORK ZONE CRASH CUSHION (NARROW)							
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)								MO4-8a	24X18	3.00							END DETOUR								6122041		WORK ZONE CRASH CUSHION (RELOCATION)							
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)								MO4-9L	48X36	12.00							DETOUR (LEFT)								6123001		TRUCK MOUNTED ATTENUATOR (TMA)							
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)								MO4-9R	48X36	12.00							DETOUR (RIGHT)								6161012		BUOYS (BOATS KEEP OUT)							
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)								MO4-9P	48X12	4.00							STREET NAME (PLAQUE)								6161013		BUOYS (NO WAKE)							
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)								MO4-10L	48X18	6.00							DETOUR ARROW (LEFT)								6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)							
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)								MO4-10R	48X18	6.00							DETOUR ARROW (RIGHT)								6161020		CHANNELIZER (DRUM-LIKE)							
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)								REGULATORY SIGNS																6161022		CHANNELIZER (CONE)								
WO1-8	18X24	3.00						CHEVRON (SYMBOL)								R1-1	48X48	13.25							STOP								6161025	150	CHANNELIZER (TRIM-LINE)							
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)								R1-2	48TRI.	6.93							YIELD								6161026		CHANNELIZER (VERTICAL PANEL)							
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)								R1-2a	36X36	9.00							TO ONCOMING TRAFFIC (PLAQUE)								6161030		TYPE 3 MOVEABLE BARRICADE							
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)								R1-3P	30X12	2.50							ALL WAY (PLAQUE)								6161033		DIRECTION INDICATOR BARRICADE							
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)								R2-1	36X48	12.00							SPEED LIMIT XX								6161040		FLASHING ARROW PANEL							
WO3-4	48X48	16.00						BE PREPARED TO STOP								R3-1	48X48	16.00							NO RIGHT TURN (SYMBOL)								6161047		TYPE 3 OBJECT MARKER							
WO3-5	48X48	16.00						SPEED LIMIT AHEAD								R3-2	48X48	16.00							NO LEFT TURN (SYMBOL)								6161055		SEQUENTIAL FLASHING WARNING LIGHT							
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)								R3-3	36X36	9.00							NO TURNS								6161070		TUBULAR MARKER							
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)								R3-4	48X48	16.00							NO U-TURN (SYMBOL)								6161095		RADAR SPEED ADVISORY SYSTEM							
WO4-2L	48X48	16.00						LANE ENDS LEFT								R3-7L	30X30	6.25							LEFT LANE MUST TURN LEFT								6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED							
WO4-2R	48X48	16.00						LANE ENDS RIGHT								R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT																		
WO5-1	48X48	16.00						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																		
WO5-5	48X48	16.00						NARROW LANES								R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)																		
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)								R4-8a	36X48	12.00							KEEP LEFT (HORIZONTAL ARROW)								6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED							
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)								R5-1	30X30	6.25						DO NOT ENTER								6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM								
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)								R5-1a	36X24	6.00							WRONG WAY								6162002		TEMPORARY LONG-TERM RUMBLE STRIPS							
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)																		
WO8-2	48X48	16.00						DIP								R6-2L	24X30	5.00							ONE WAY (LEFT)								6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED							
WO8-3	48X48	16.00						PAVEMENT ENDS								R6-2R	24X30	5.00						ONE WAY (RIGHT)																		
WO8-4	48X48	16.00						SOFT SHOULDER								R9-9	24X12	2.00							SIDEWALK CLOSED								6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION, CONTRACTOR FURNISHED/RETAINED							
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)								R9-11L	24X18	3.00	SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE																							
WO8-6	48X48	16.00						TRUCK CROSSING																																		
WO8-6c	48X48	16.00						TRUCK ENTRANCE								R9-11R	24X18	3.00	SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE								6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED													
WO8-7	36X36	9.00						LOOSE GRAVEL																			R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)							
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL								R11-2	48X30	10.00							ROAD CLOSED								6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED							
WO8-9	48X48	16.00						LOW SHOULDER								R11-3a	60X30	12.50	ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY								6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS													
WO8-11	48X48	16.00	12	192.00				UNEVEN LANES																			R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC							
WO8-12	48X48	16.00	6	96.00				NO CENTER LINE								CONST-3A	60X48	20.00							FINE SIGN								6208064A		TEMPORARY RAISED PAVEMENT MARKER							
WO8-15	48X48	16.00						GROOVED PAVEMENT								CONST-3X	56X12	4.67							SPEEDING/PASSING (PLATE)								9029400		TEMPORARY TRAFFIC SIGNALS							
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)								MISCELLANEOUS SIGNS																9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING								
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)								CONST-5 48X36 12.00 2 64.00 POINT OF PRESENCE CONST-5 96X48 32.00 2 64.00 POINT OF PRESENCE CONST-8 48X36 12.00 2 24.00 WORK ZONE NO PHONE ZONE																										
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)																																		
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)								TOTAL 1140																										
WO10-1	42RND.	9.62						RAILROAD CROSSING																																		
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)								TOTAL																										
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)																																		
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)								TOTAL																										
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								TOTAL																										
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD																																		
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)								TOTAL																										
WO16-2	30X24	5.00						XXX FEET (PLAQUE)																																		
WO16-3	30X24	5.00						X MILE (PLAQUE)								TOTAL																										
WO20-1	48X48	16.00	16	256.00				ROAD/BRIDGE/RAMP WORK AHEAD																																		
WO20-2	48X48	16.00						DETOUR AHEAD								TOTAL																										
WO20-3	48X48	16.00						ROAD CLOSED AHEAD																																		
WO20-4	48X48	16.00	14	224.00				ONE LANE ROAD AHEAD								TOTAL																										
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD																																		
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD								TOTAL																										
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED																																		
WO20-7a	48X48	16.00	14	224.00				FLAGGER (SYMBOL)								TOTAL																										
WO21-2	36X36	9.00						FRESH OIL																																		
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD								TOTAL																										
WO22-1	48X48	16.00						BLASTING ZONE AHEAD																																		
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE								TOTAL																										
WO22-3	42X36	10.50						END BLASTING ZONE																																		
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)								TOTAL																										

STATE OF MISSOURI
CAMERON SOOY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER
08-11-2025 10:49:35
CAMERON SOOY - CIVIL
MO-PE-2021019715
DATE PREPARED
8/6/2026

ROUTE
PP
STATE
MO
DISTRICT
SW
SHEET NO.
3
COUNTY
HENRY
JOB NO.
JSR0313
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

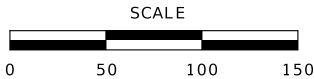
DESCRIPTION
DATE

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

SUMMARY OF QUANTITIES
SHEET 3 OF 3

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.

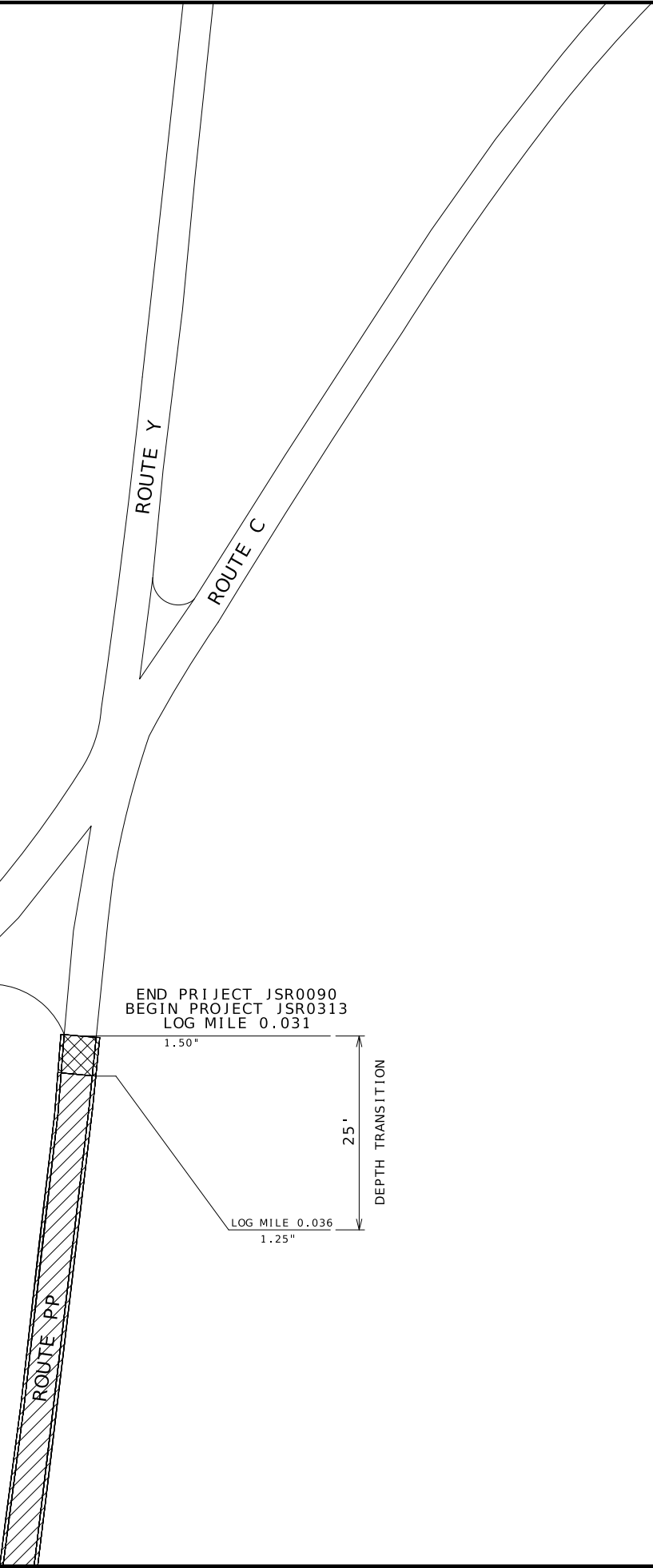
ALL STATIONS AND/OR LOCATIONS SHOWN ON PLANS ARE APPROXIMATE
AND CAN VARY AS APPROVED BY ENGINEER.



- 

1.25" SL OVERLAY (PG64-22)
NEW 2' MOD A3 SHOULDERS
- 

1.50" TO 1.25" SL (PG64-22)OVERLAY
NEW 2' MOD A3 SHOULDERS



STATE OF MISSOURI

CAMERON

SOOY

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER



08-11-2026 9:49:35
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
8/6/2026

ROUTE
PP

DISTRICT
SW

STATE
MO

SHEET NO.
4

COUNTY
HENRY

JOB NO.
JSR0313

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

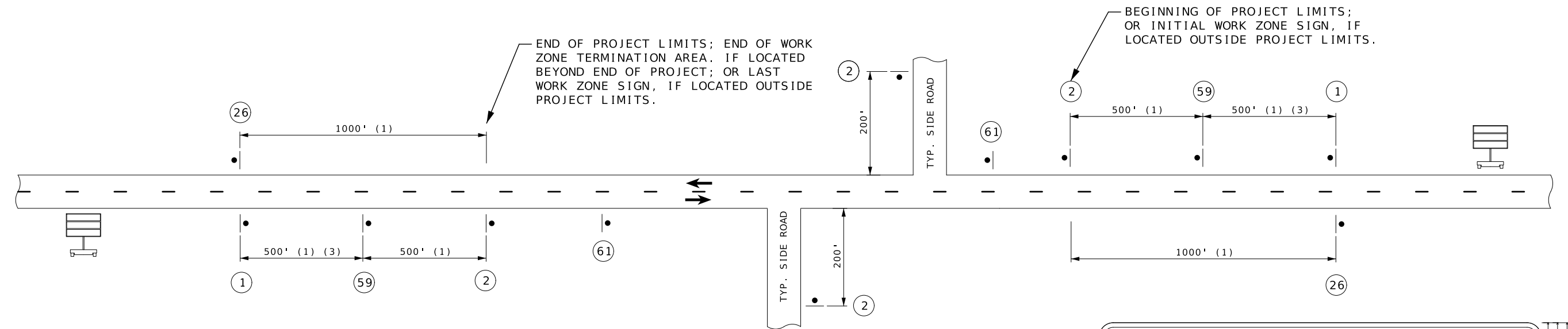
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

GENERAL NOTES:

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



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

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

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

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

(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)



WO20-1

2

ROAD WORK
NEXT 6 MILES

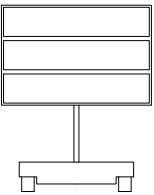
GO20-1

1 (5)

WORK ZONE
NO PHONE
ZONE

CONST-8

59 (3)



(4)



CONST-6 SH-FLAT SHEET:
3,000' Radius, 1,000' Border, White on Green;
"Road", D; "Resurfacing", D; "Fall 2027", D;
Table of letter and object letter

R	o	a	d
12,000	19,125	25,250	31,875
R	e	s	u
12,000	19,125	25,250	31,875
F	a	l	l
12,000	44,875	49,125	54,000

Completed as Promised

CONST-6P-60 SH-FLAT SHEET FLUORESCENT:
1,500' Radius, No border, Yellow;
"Completed as Promised" Black, D 65% spacing;
Table of letter and object letter

C	o	m	p	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
P	r	o	m	i	s	e	d		
36,625	39,875	41,875	44,875	49,500	50,750	53,500	56,250		

CONST-5-96
61 (2)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 6



DATE PREPARED
8/6/2026

ROUTE PP STATE MO

DISTRICT SW SHEET NO. 5

COUNTY HENRY

JOB NO. JSR0313

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

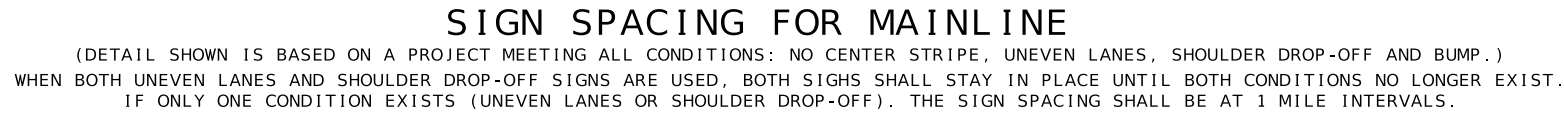
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

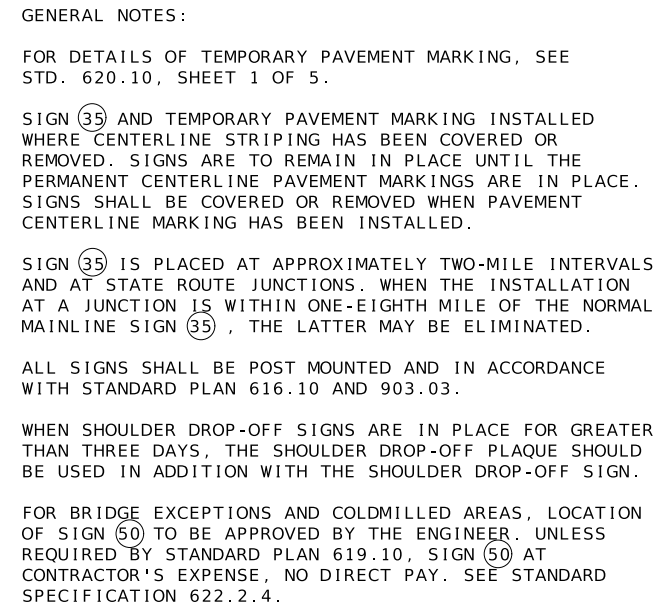
105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

MoDOT

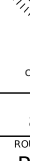
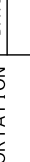
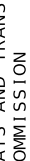


* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S
EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.



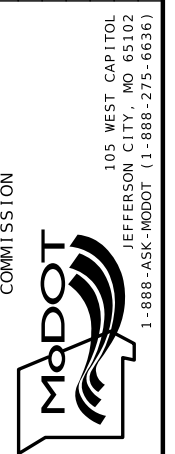
NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 6

		DATE PREPARED	
		8/6/2026	
		ROUTE PP	STATE MO
		DISTRICT SW	SHEET NO. 8
		COUNTY HENRY	
		JOB NO. JSR0313	
		CONTRACT ID.	
		PROJECT NO.	
		BRIDGE NO.	
		DESCRIPTION	
		DATE	
		COMMISSION	
		105 WEST CAPITOL	
		JEFFERSON CITY, MO 65102	
		1-888-ASK-HODOT (1-888-275-6636)	



TRAFFIC CONTROL
SHEET 5 OF 6



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

ROAD
WORK
AHEAD

WO20-1

2

SHOULDER
WORK
AHEAD

WO21-5

21

ROAD
NARROWS

WO5-1

NEXT
XX MILES

WO7-3a

43

*

(1)

GO20-5aP

WORK
ZONE

R2-1

54

4

GO20-5aP

WORK
ZONE

R2-1

54

4

SPEED
LIMIT
35

R2-1

54

4

SPEED
LIMIT
45

R2-1

54

4

SPEED
LIMIT
45

R2-1

25

(NORMAL SPEED)

SPEED
LIMIT
55

R2-1

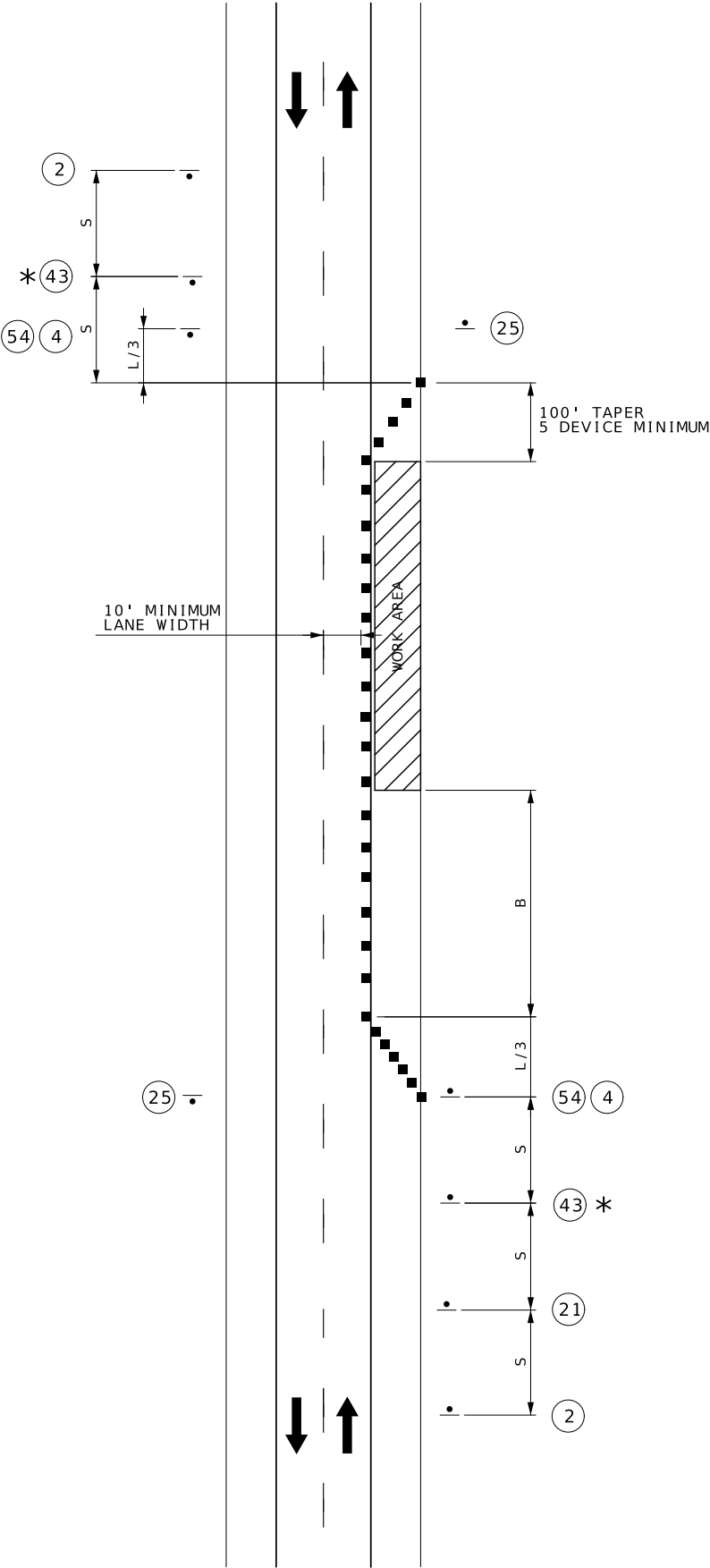
25

(NORMAL SPEED)

BRIDGE
OR
RAMP

25

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



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER

NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 6



DATE PREPARED 8/6/2026	
ROUTE PP	STATE MO
DISTRICT SW	SHEET NO. 10
COUNTY HENRY	
JOB NO. JSR0313	
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)