

DESIGN DESIGNATION

RTE Z W/O ZZ
AADT - 2027 = 1230
AADT - 2037 = 1291
D.H.V. = 9.68%
T = 13.61%
V = 55 MPH
D = 48.4%/51.6%

RTE Z E/O ZZ
AADT - 2027 = 1477
AADT - 2037 = 1564
D.H.V. = 8.48%
T = 7.67%
V = 55 MPH
D = 49.5%/50.5%

RTE KK
AADT - 2027 = 475
AADT - 2037 = 514
D.H.V. = 10.24%
T = 6.15%
V = 55 MPH
D = 50.4%/49.6%

FUNCTIONAL CLASSIFICATION -
RTE Z: MAJOR COLLECTOR
RTE KK: MINOR COLLECTOR

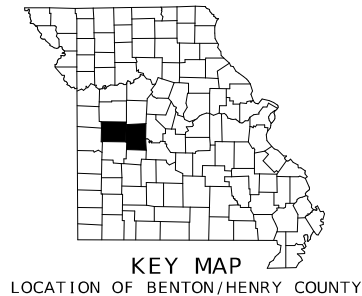
NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

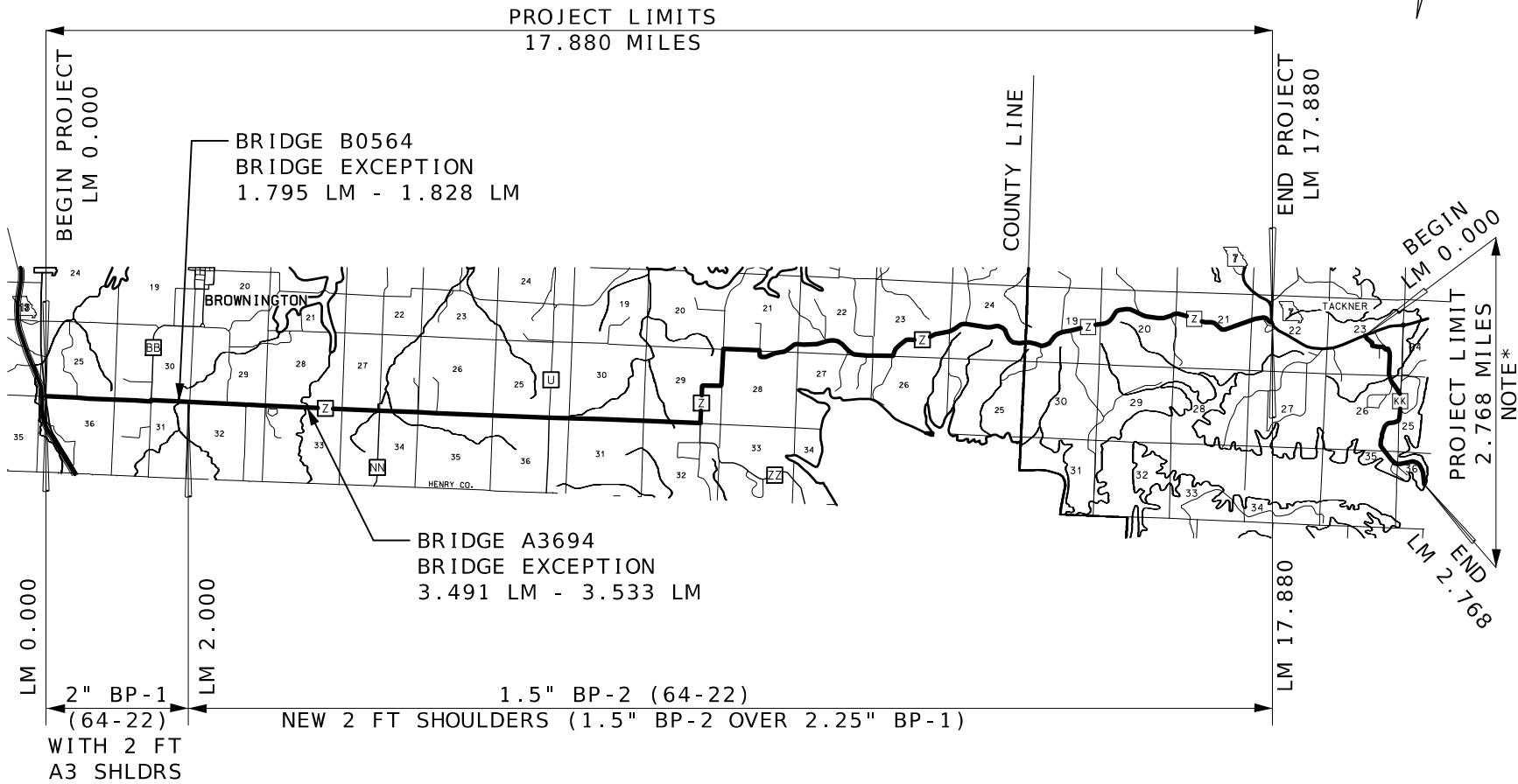
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-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



NOTE:
* 1.25" SL (64-22)
NEW 2 FT SHOULDERS
(1.25" SL OVER 2.50" BP-1)

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) (8 SHEETS)	2
QUANTITIES (QU) (3 SHEETS)	3
SPECIAL SHEETS (SS)	4-12
TRAFFIC CONTROL (TC)	13-20



DATE PREPARED 8/11/2026	
ROUTE Z/KK	STATE MO
DISTRICT SW	SHEET NO. 1
COUNTY BENTON/HENRY	
JOB NO. JSR0108	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

LENGTH OF PROJECT

LOG MILES FROM 2024 ARAN

ROUTE Z	
BEGINNING OF PROJECT	LM 0.000
END OF PROJECT	LM 17.880
APPARENT LENGTH	94,406.4 FEET

EQUATIONS AND EXCEPTIONS:	
BRIDGE B0564	1.795LM-1.828LM =0.033 MI
BRIDGE A3694	3.491LM-3.533LM =0.042 MI
TOTAL EXCEPTIONS	396 FEET

ROUTE KK	
BEGINNING OF PROJECT	LM 0.000
END OF PROJECT	LM 2.768
APPARENT LENGTH	14,615.04 FEET

TOTAL CORRECTIONS	396 FEET
NET LENGTH OF PROJECT	108,625.44 FEET
STATE LENGTH	20.573 MILES

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.0 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.

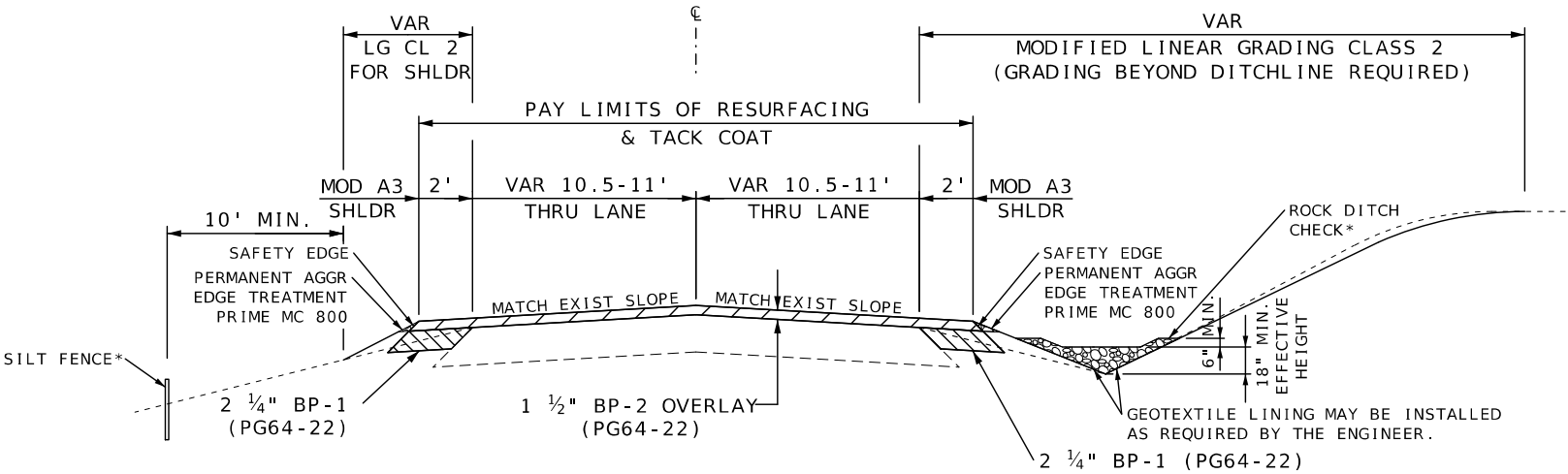
LANE WIDTH NOTED IS TYPICAL LANE WIDTH. ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

REVISED: 8/26/2024

ASPHALT FACTORS	
COMBINED FACTOR	
BP-2 (PG64-22)	1.965 TONS/CY
BP-1 (PG64-22)	1.975 TONS/CY
SURFACE LEVEL	1.975 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE	0.25 GAL/SY
EDGE TREATMENT	
IRREGULARITIES: 75 TONS/MI	



ROUTE Z
LOG MILE 2.000 TO LOG MILE 3.491
LOG MILE 3.533 TO LOG MILE 17.880
EXCEPTION: BRIDGE A3694
LOG MILE 3.491 TO LOG MILE 3.533

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

STATE OF MISSOURI

CAMERON SCOTT

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER

08/26/2024

08/26/2024

MO-PE-2021019715

DATE PREPARED

8/10/2026

ROUTE

Z/KK

DISTRICT

SW

STATE

MO

SHEET NO.

2

COUNTY

BENTON/HENRY

JOB NO.

JSR0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

NOTES: AS APPROVED BY THE ENGINEER, THE 2' MODIFIED A3 SHOULDER MAY BE REDUCED TO 1' MINIMUM WIDTH IN SPECIFIC AREAS BASED ON EXISTING FIELD CONDITIONS. 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

REVISÉD: 6/26/2025

ASPHALT FACTORS	
<u>COMBINED FACTOR</u>	
BP-2 (PG64-22)	1.965 TONS/CY
BP-1 (PG64-22)	1.975 TONS/CY
SURFACE LEVEL	1.975 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
PRIME LIQUID ASPHALT MC 800	
PERMANENT AGGREGATE EDGE TREATMENT	0.25 GAL/SY
IRREGULARITIES: 75 TONS/MI	



08-12-2020 12:00:15
CAMERON SOOY - CIVIL
MO-PE-2021019715
DATE PREPARED

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

DISTRICT	SHEET NO.
GW	2

COUNTY
BENTON / HENRY

JOB NO.
ISB0108

CONTRACT ID.

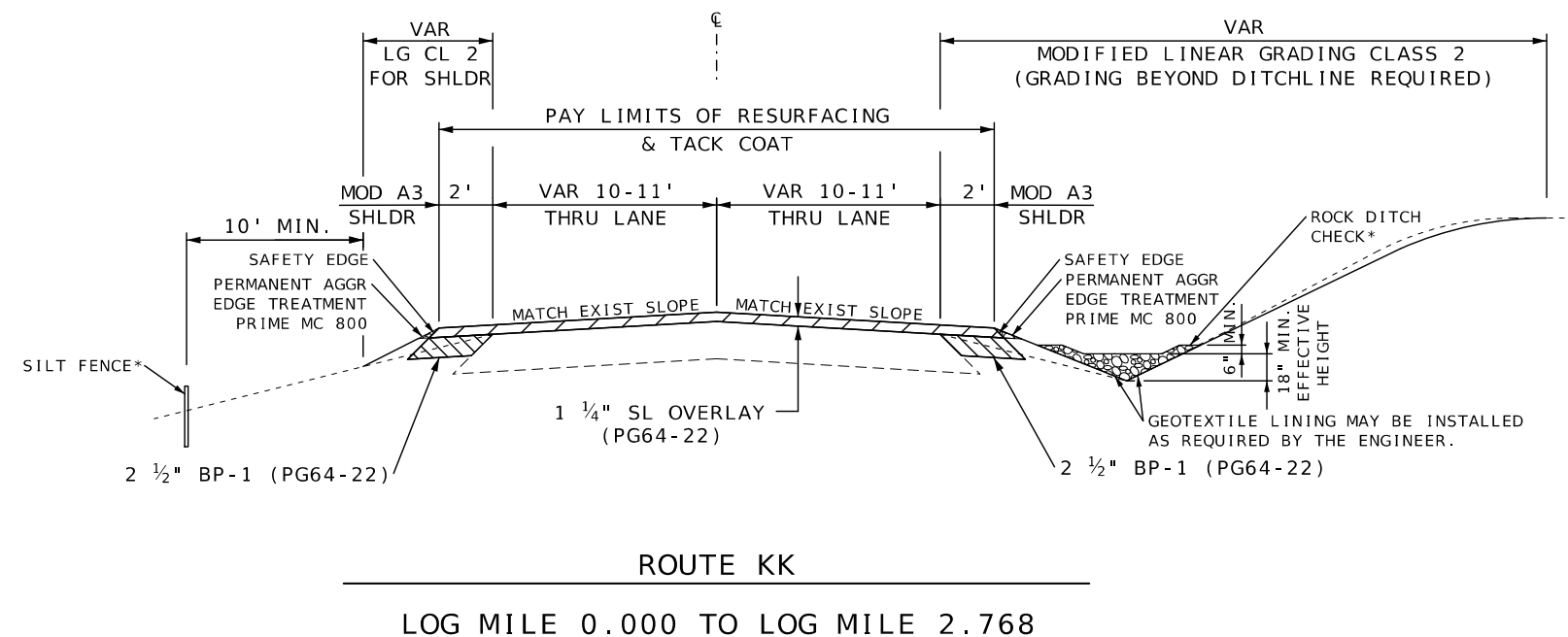
PROJECT NO.

BRIDGE NO. _____

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

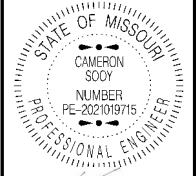
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



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

TYPICAL SECTIONS
SHEET 3 OF 8

REVISÉD: 3/7/2023



08-12-2025 12:02:15
CAMERON SOOY - CIVIL

DATE PREPARED

ROUTE Z / KK	STATE MO
-----------------	-------------

DISTRICT	SHEET NO.
SW	2

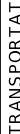
COUNTY
BENTON / HENRY

JOB NO.
JSR0108

CONTRACT ID.

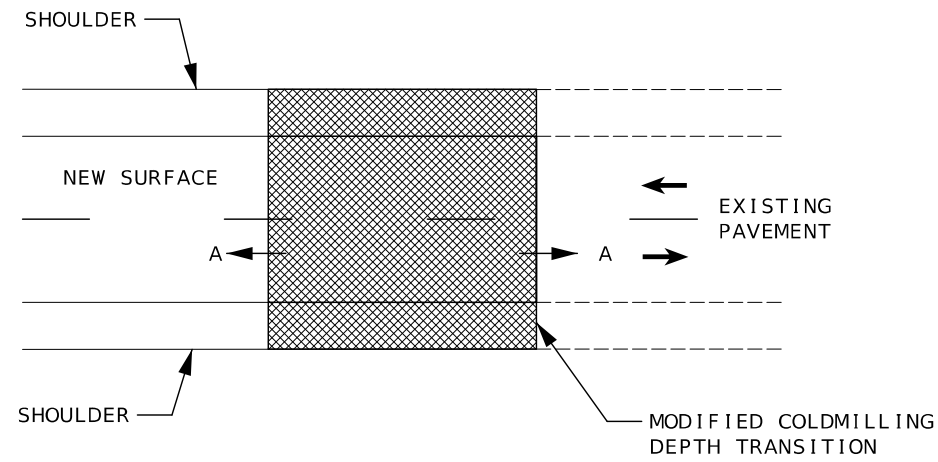
PROJECT NO.

BRIDGE NO.

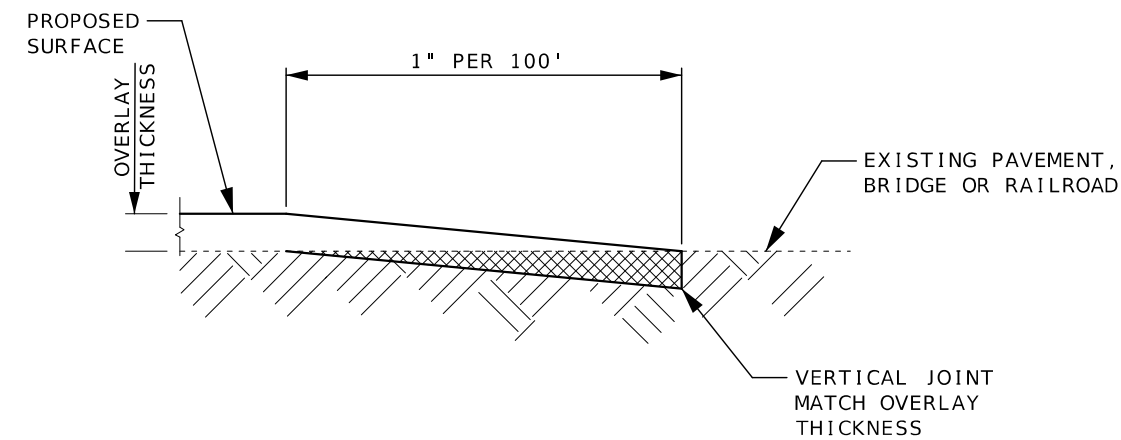
[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-2/75-6636)



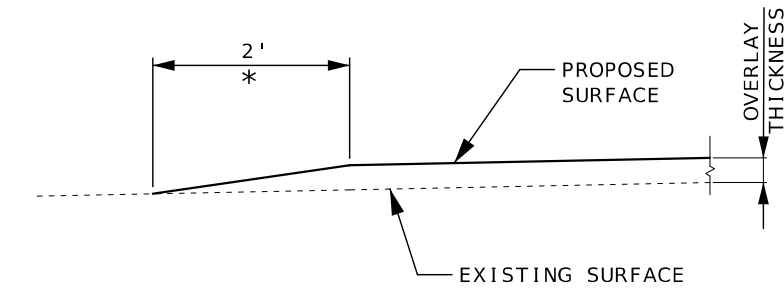
MAINLINE, BRIDGE, AND RAILROAD PLAN



SECTION A-A

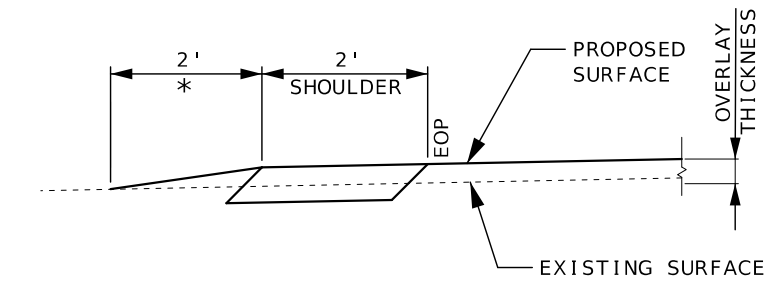
TRANSVERSE JOINT TRANSITION FOR SINGLE LIFT
PROJECT BEGINNING, END, BRIDGE, OR RAILROAD

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.



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

6 TONS CALCULATED PER COUNTY ROAD.

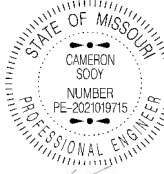


The diagram illustrates a cross-section of a road surface. A horizontal dashed line represents the 'EXISTING SURFACE'. A solid line above it represents the 'PROPOSED SURFACE'. The transition from the existing to the proposed surface is marked with a horizontal dimension of 2' and an asterisk (*). The 'EOP' (End of Project) is indicated by a vertical line. The 'OVERLAY THICKNESS' is shown as the vertical distance between the existing and proposed surfaces at the end of the project.

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.



DATE PREPARED
8/10/2026

ROUTE STATE
Z/KK MO

DISTRICT SHEET NO.
SW 2

COUNTY
BENTON/HENRY

JOB NO.
JSR0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

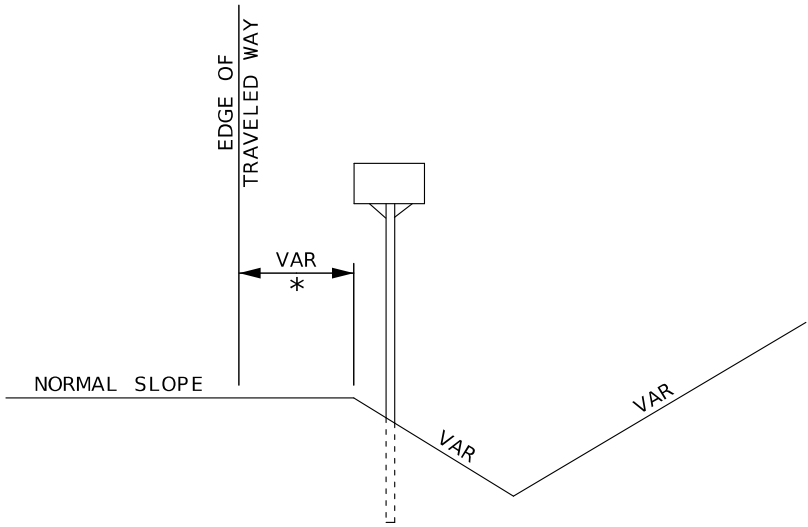
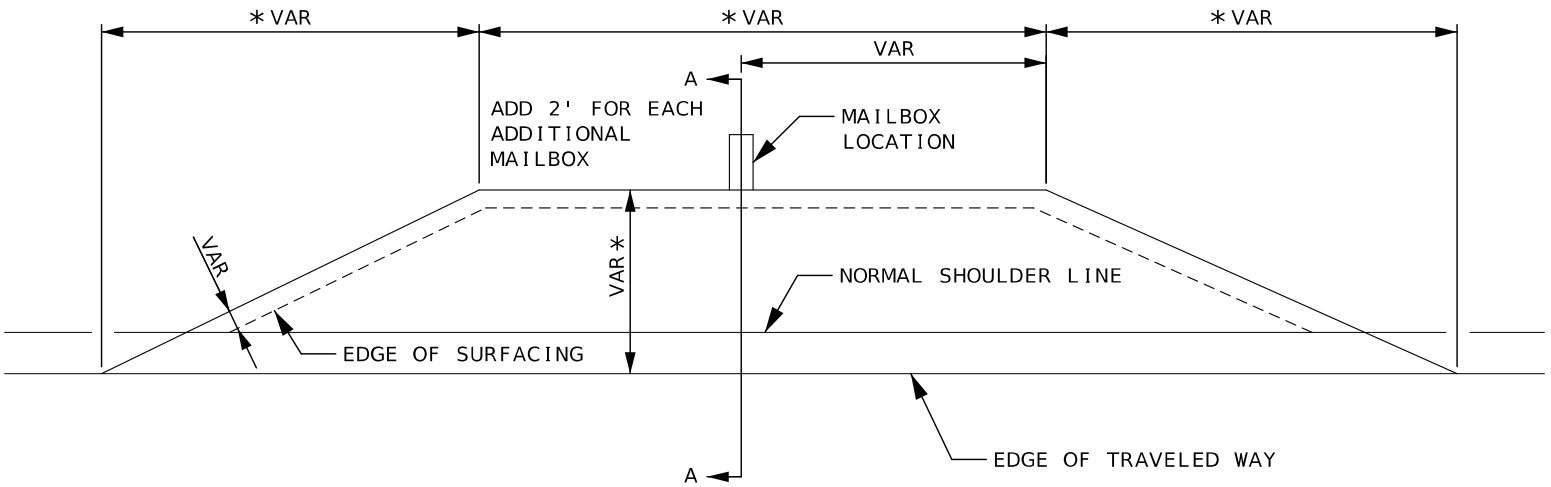
105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

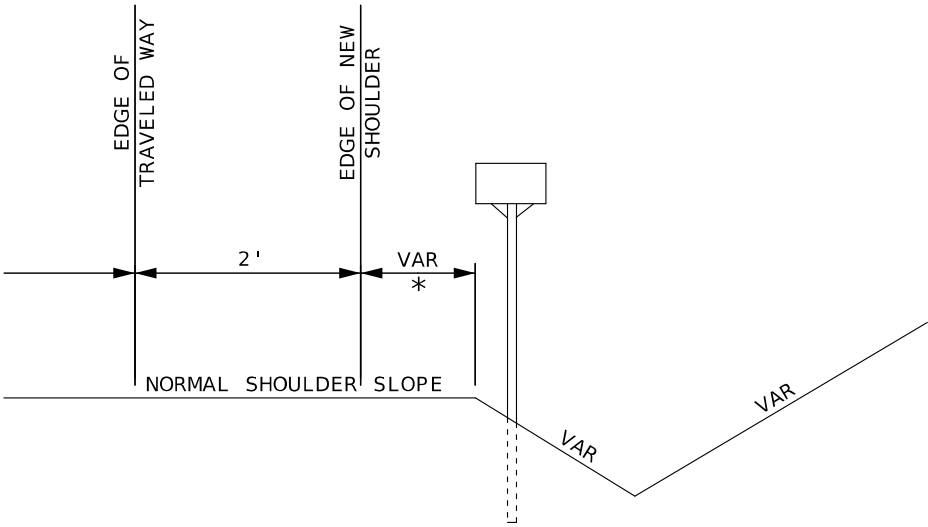
MODOT

TYPICAL MAILBOX TURNOUT

* AS APPROVED BY THE ENGINEER



SECTION A-A
NO SHOULDER



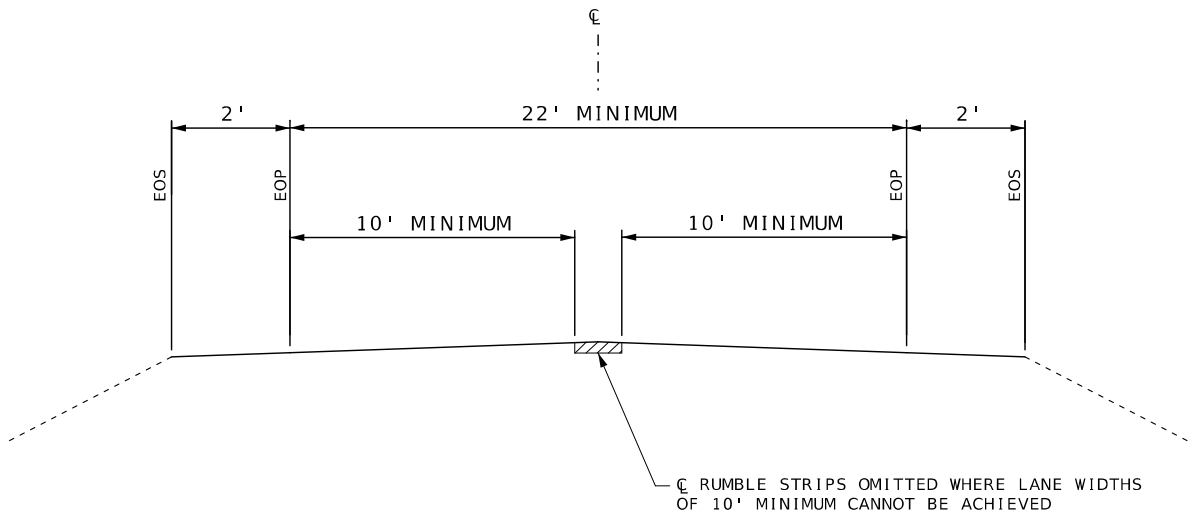
SECTION A-A
SHOULDER



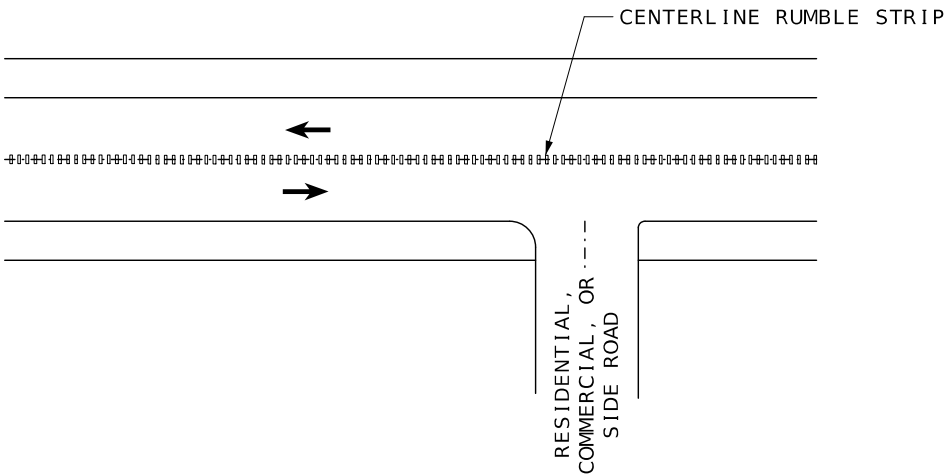
CENTERLINE RUMBLE STRIPS

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



STATE OF MISSOURI
CAMERON SOOY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

08/11/2026 12:45:15
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
8/11/2026

ROUTE
Z/KK

DISTRICT
SW

STATE
MO

SHEET NO.
2

COUNTY
BENTON/HENRY

JOB NO.
JSR0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

BITUMINOUS PAVEMENT													
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	APPROACH AREA	2.00" BP - 1	2.25" BP - 1	2.50" BP - 1	1.50" BP - 2	1.25" SURFACE LEVEL	TACK RATES	REMARKS
				LF	LF	SF	TONS	TONS	TONS	TONS	TONS	GAL	
ROUTE Z	0.000	-	1.780	9,398.40	22.0		2520.74					1,837.9	BEGINNING 0.00 - MAINLINE
ROUTE Z	1.819	-	2.000	955.68	22.0		256.32					186.9	MAINLINE
ROUTE Z	2.000	-	3.490	7,867.20	22.0					1574.53		1,538.5	MAINLINE
ROUTE Z	3.537	-	17.880	75,731.04	22.0					15156.73		14,809.6	MAINLINE
ROUTE Z	2.000	-	17.880	83,598.24	4.0			4563.07		3042.05		2,972.4	NEW 2' MOD. A3 SHOULDER, BRIDGE A3694
BB	0.000	-	0.011	-	-	2348.0	28.63					20.9	HWY BB
NN	0.000	-	0.009	-	-	2531.0				23.03		22.5	HWY NN
U	0.000	-	0.009	-	-	1963.0				17.86		17.4	HWY U
ZZ	0.000	-	0.009	-	-	14608.9				132.90		129.9	HWY ZZ
BB	0.000	-	0.011	60.00	22.0		8.05					11.7	HWY BB
NN	0.000	-	0.009	40.00	22.0					4.00		7.8	HWY NN
U	0.000	-	0.009	40.00	22.0					8.01		7.8	HWY U
ZZ	0.000	-	0.009	40.00	22.0					4.00		7.8	HWY ZZ
ROUTE KK	0.000	-	2.768	14,615.04	22.0						2,449.94	2,858.1	BEGINNING 0.00 - MAINLINE
ROUTE KK	0.000	-	2.768	14,615.04	4.0				886.38		445.44	519.6	NEW 2' MOD. A3 SHOULDER
ENTRANCES AND IRREGULARITIES													
ROUTE Z	0.000	-	2.000	864.00	2.0		21.00						ENTRANCES & SIDEROADS
ROUTE Z	2.000	-	17.880	4,578.60	2.0					83.30			ENTRANCES & SIDEROADS
ROUTE Z	0.000	-	2.000	207.00	2.0		5.00						MAILBOX TURNOUTS
ROUTE Z	2.000	-	17.880	962.00	2.0					17.50			MAILBOX TURNOUTS
ROUTE Z	0.000	-	2.000	-	-		150.00						IRREGULARITIES 75 TONS/MILE
ROUTE Z	2.000	-	17.880	-	-					1191.00			IRREGULARITIES 75 TONS/MILE
ROUTE Z	0.000	-	2.000	10,560.00	-		37.00						SAFETY EDGE
ROUTE KK	2.000	-	17.880	83,730.20	-					166.00			SAFETY EDGE
ROUTE KK	0.000	-	2.768	782.00	2.0						11.90		ENTRANCES & SIDEROADS
ROUTE KK	0.000	-	2.768	273.00	2.0						4.20		MAILBOX TURNOUTS
ROUTE KK	0.000	-	2.768	-	-						207.60		IRREGULARITIES 75 TONS/MILE
ROUTE KK	0.000	-	2.768	14,530.60	-						20.10		SAFETY EDGE
TOTALS							3,026.80	4,563.10	886.38	21,421.00	3,139.20	24,948.8	* SAFETY EDGE INCLUDED IN QUANTITY
USE							8,476.3			21,421.0	3,139.2	24,949	
NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.													

REMOVAL OF IMPROVEMENTS							
ROUTE	BEGIN LOG MILE	END LOG MILE	RT/LT	UNIT	TOTAL	DESCRIPTION	REMARKS
Z	1.758	1.790	RT/LT	FT	525	GUARDRAIL	BRIDGE B0564
Z	1.819	1.859	RT/LT	FT	600	GUARDRAIL	BRIDGE B0564
Z	3.458	4.490	RT/LT	FT	525	GUARDRAIL	BRIDGE A3694
Z	3.492	3.533	RT/LT	FT	600	GUARDRAIL	BRIDGE A3694
KK	0.658	0.716	LT	FT	400	GUARDRAIL	NORTH LANE
TOTAL = 1 LUMP SUM							

PERMANENT AGGREGATE EDGE TREATMENT							
ROUTE	LOG MILE	TO	LOG MILE	LENGTH	AGGREGATE 200 TON/MILE*	PRIME MC 800 590 GAL/MILE*	REMARKS
				MILES	TON	GAL	
ROUTE Z	0.000	-	17.879	17.879	3575.8	10548.6	ROUTE Z
ROUTE KK	0.000	-	2.765	2.765	553.0	1631.4	ROUTE KK
TOTALS					4128.8	12180.0	*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY
USE					4129	12180	

A3 SHOULDER							
ROUTE	LOG MILE	TO	LOG MILE	NET	AVERAGE	A3 SHOULDER	6" TYPE 5 AGGR. BASE
				LF	LF	SY	SY
ROUTE Z	0.000	-	1.780	9,398.40	4.0	4177.0	4177.0
TOTALS						4177.0	4177.0
USE						4,177	4,177

LINEAR GRADING FOR SHOULDERS							
ROUTE	LOG MILE	TO	LOG MILE	LOCATION	LINEAR GRADING CLASS 2 FOR SHOULDERS	MODIFIED LINEAR GRADING CLASS 2 FOR SHOULDERS	REMARKS
					STA	100 FT	
ROUTE Z	0.000	-	1.780	LT/RT	150.4	37.6	
ROUTE Z	1.819	-	2.000	LT/RT	15.3	3.8	
ROUTE Z	2.000	-	3.490	LT/RT	125.9	31.5	
ROUTE Z	3.537	-	17.880	LT/RT	1211.7	302.9	
ROUTE KK	0.000	-	2.768	LT/RT	233.8	58.5	
TOTALS					1737.1	434.3	
USE					1738	435	

GUARDRAIL								
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	MGS BRIDGE APPR TRANSITION	MGS GUARDRAIL	TYPE A CRASHWORTHY MASH	SHAPING SLOPES CL 111
				FT	EACH	LF	EACH	100 FT
KK	0.658	-	0.716	306.2	0	300.0	2	1.6
Z	1.758	-	1.790	350.0	2	350.0	2	1.6
Z	1.819	-	1.859	350.0	2	425.0	2	1.6
Z	3.458	-	3.490	350.0	2	350.0	2	1.6
Z	3.492	-	3.533	425.0	2	425.0	2	1.6
TOTALS					8	1850.0	10	8.0
USE					8	1850	10	8

MOBILIZATION
1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

STATE OF MISSOURI

CAMERON SCOOY

NUMBER PE-2021019715

PROFESSIONAL ENGINEER

100 West Capitol

CAMERON SCOOY - CIVIL

MO-PE-2021019715

DATE PREPARED

8/11/2026

ROUTE

Z / KK

STATE

MO

DISTRICT

SW

SHEET NO.

3

COUNTY

BENTON/HENRY

JOB NO.

JSR0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

PAVEMENT MARKING							
ROUTE	LOG MILE	TO	LOG MILE	LOCATION	WATERBORNE PAINT, TYPE P BEADS		
					4" SOLID WHITE	4" INT YELLOW	4" SOLID YELLOW
					LF	LF	LF
Z	0.018	-	0.058	LT/RT	422.4		422.4
Z	0.058	-	0.697	LT/RT	6747.8	843.5	6747.8
Z	0.697	-	1.236	LT/RT	5691.8		5691.8
Z	1.236	-	1.395	LT/RT	1679.0	209.9	1679.0
Z	1.395	-	1.499	LT/RT	1098.2	137.3	
Z	1.499	-	1.819	LT/RT	3379.2	422.4	1689.6
Z	1.819	-	2.118	LT/RT	3157.4	394.7	
Z	2.118	-	2.278	LT/RT	1689.6	211.2	844.8
Z	2.278	-	2.477	LT/RT	2101.4		2101.4
Z	2.477	-	2.638	LT/RT	1700.2	212.5	850.1
Z	2.638	-	2.897	LT/RT	2735.0	341.9	
Z	2.897	-	3.057	LT/RT	1689.6	211.2	844.8
Z	3.057	-	3.098	LT/RT	433.0		433.0
Z	3.098	-	3.258	LT/RT	1689.6	211.2	844.8
Z	3.258	-	3.458	LT/RT	2112.0	264.0	
Z	3.458	-	3.777	LT/RT	3368.6	421.1	1684.3
Z	3.777	-	3.856	LT/RT	834.2	104.3	
Z	3.856	-	4.036	LT/RT	1900.8	237.6	950.4
Z	4.036	-	4.135	LT/RT	1045.4	130.7	
Z	4.135	-	4.295	LT/RT	1689.6	211.2	844.8
Z	4.295	-	4.416	LT/RT	1277.8	159.7	
Z	4.416	-	4.575	LT/RT	1679.0	209.9	839.5
Z	4.575	-	4.815	LT/RT	2534.4		2534.4
Z	4.815	-	5.155	LT/RT	3590.4	448.8	1795.2
Z	5.155	-	5.455	LT/RT	3168.0		3168.0
Z	5.455	-	6.234	LT/RT	8226.2	1028.3	4113.1
Z	6.234	-	6.353	LT/RT	1256.6	157.1	
Z	6.353	-	6.534	LT/RT	1911.4	238.9	955.7
Z	6.534	-	6.613	LT/RT	834.2		834.2
Z	6.613	-	6.773	LT/RT	1689.6	211.2	844.8
Z	6.773	-	7.313	LT/RT	5702.4	712.8	
Z	7.313	-	7.413	LT/RT	1056.0	132.0	528.0
Z	7.413	-	7.474	LT/RT	644.2	80.5	
Z	7.474	-	7.532	LT/RT	612.5	76.6	306.3
Z	7.532	-	7.573	LT/RT	433.0		433.0
Z	7.573	-	7.634	LT/RT	644.2	80.5	322.1
Z	7.634	-	7.693	LT/RT	623.0	77.9	
Z	7.693	-	7.792	LT/RT	1045.4	130.7	522.7
Z	7.792	-	7.913	LT/RT	1277.8	159.7	
Z	7.913	-	8.253	LT/RT	3590.4	448.8	1795.2
Z	8.253	-	8.492	LT/RT	2523.8	315.5	
Z	8.492	-	8.652	LT/RT	1689.6	211.2	844.8
Z	8.652	-	8.756	LT/RT	1098.2		1098.2
Z	8.756	-	8.915	LT/RT	1679.0	209.9	839.5
Z	8.915	-	8.956	LT/RT	433.0	54.1	
Z	8.956	-	9.115	LT/RT	1679.0	209.9	839.5
Z	9.115	-	9.416	LT/RT	3178.6	397.3	3178.6
Z	9.416	-	9.476	LT/RT	633.6		316.8
Z	9.476	-	9.815	LT/RT	3579.8	447.5	3579.8
Z	9.815	-	10.013	LT/RT	2090.9		2090.9
Z	10.013	-	10.113	LT/RT	1056.0	132.0	528.0
Z	10.113	-	10.173	LT/RT	633.6		633.6
Z	10.173	-	10.272	LT/RT	1045.4	130.7	522.7
Z	10.272	-	11.873	LT/RT	16906.6		16906.6
Z	11.873	-	12.153	LT/RT	2956.8	369.6	1478.4
Z	12.153	-	14.795	LT/RT	27899.5		27899.5
Z	14.795	-	15.134	LT/RT	3579.8	447.5	1789.9
Z	15.134	-	17.236	LT/RT	22197.1		22197.1
Z	17.236	-	17.537	LT/RT	3178.6	397.3	1589.3
Z	17.537	-	17.579	LT/RT	443.5		443.5
KK	0.020		2.752	LT/RT	28849.9		28849.9
ZZ	0.000		0.115	LT/RT	1214.4		1066.6
TOTALS					215,508.0	12,240.6	161,314.4
USE					215,508	173,555	

GRAVEL (A) OR CRUSHED STONE (B)	
ROUTE	QUANTITY (TONS)
ROUTE Z	1,088.0
ROUTE ZZ INTERSECTION	12.0
ROUTE KK	114.0
TOTAL	1,214

MODIFIED COLDMILLING (DEPTH TRANSITIONS)							
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	AREA	REMARKS
				LF	LF	SY	
U	0.000	-	0.021	50.0	22.0	122.2	HWY U
Z	17.789	-	17.817	150.0	22.0	366.7	END OF THE PROJECT
Z	0.000	-	0.009	200.0	22.0	488.9	START PROJECT
Z	1.780	-	1.789	200.0	22.0	488.9	BRIDGE B0564
Z	1.819	-	1.828	200.0	22.0	488.9	BRIDGE B0564
Z	3.478	-	3.487	150.0	22.0	366.7	BRIDGE A3694
Z	3.537	-	3.546	150.0	22.0	366.7	BRIDGE A3694
KK	0.000	-	0.009	125.0	22.0	305.6	BEGINNING ROUTE KK
				TOTAL		2994.6	
				USE		2995	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACE (3 IN. THICK OR LESS)							
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	AREA	REMARKS
				LF	LF	SY	
Z	17.817	-	17.845	160.0	VAR	490.9	END OF THE PROJECT
				TOTAL		490.9	
				USE		491	

EROSION CONTROL				
	SILT FENCE	ROCK DITCH CHECK	SEDIMENT REMOVAL	REMARKS
	LF	LF	CY	
	10902.0	1090.0	120.0	
USE	10902	1090	120	

RUMBLE STRIPS					
ROUTE	LOG MILE	TO	LOG MILE	LOCATION	CENTERLINE RUMBLE STRIP
					STA
ROUTE Z	0.000	-	1.780	LT/RT	187.97
ROUTE Z	1.819	-	2.000	LT/RT	19.11
ROUTE Z	2.000	-	3.490	LT/RT	157.34
ROUTE Z	3.537	-	17.880	LT/RT	1514.62
ROUTE KK	0.000	-	2.768	LT/RT	292.30
TOTALS					2171.34
USE					2171.3

SEEDING - COOL SEASON GRASSES
13.0 ACRES

MULCHING
13.0 ACRES

STATE OF MISSOURI

CAMERON SOOY

NUMBER
PE-2021019715

PROFESSIONAL ENGINEER

RECEIVED

EXPIRATION DATE: 12-15-26

CAMERON SOOY - CIVIL

MO-PE-2021019715

DATE PREPARED
8/11/2026

ROUTE
Z/KK

DISTRICT
SW

STATE
MO

SHEET NO.
3

COUNTY
BENTON/HENRY

JOB NO.
JSR0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

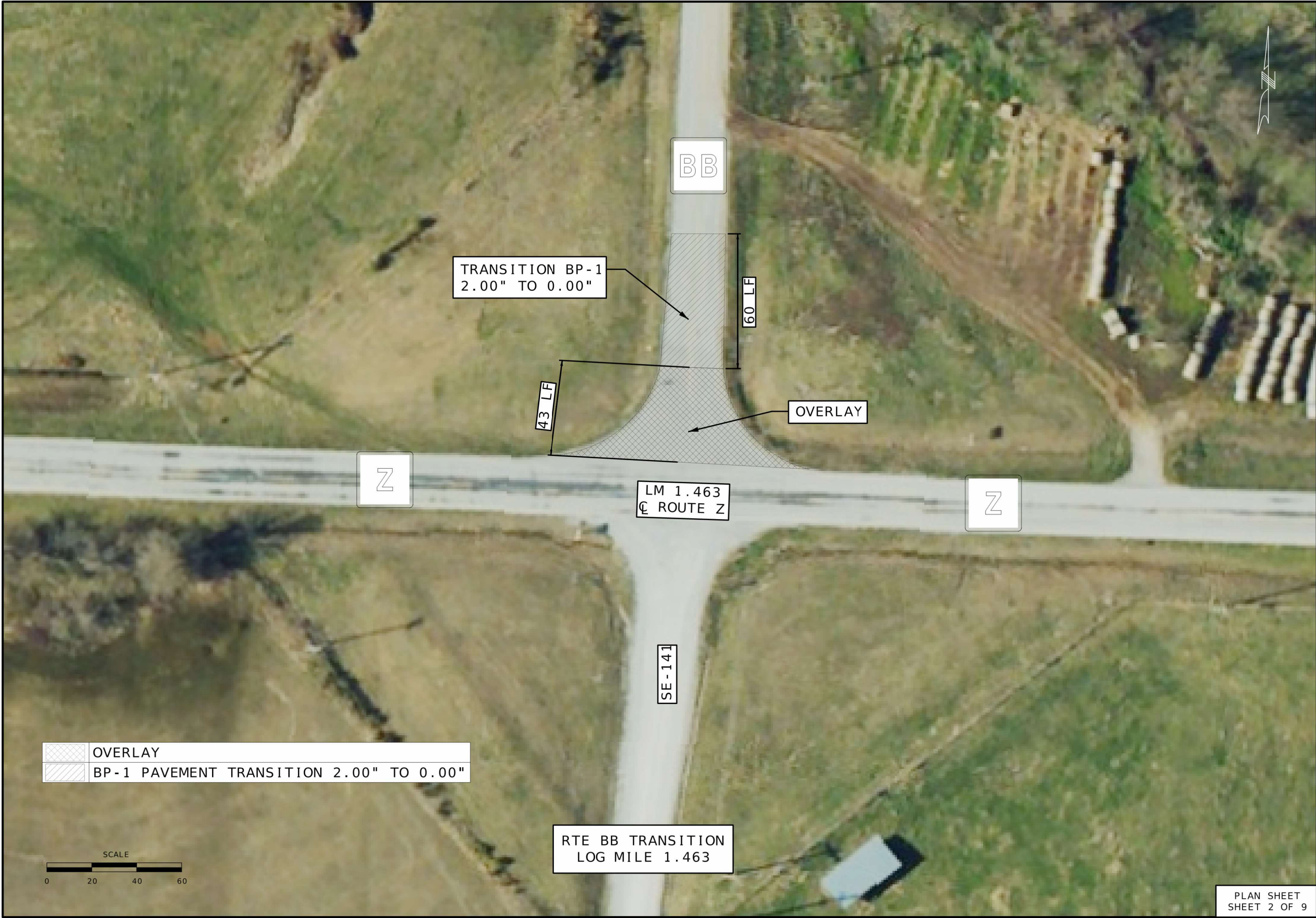
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

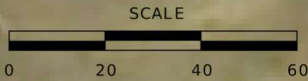
JEFFERSON CITY, MO 65102

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

MoDOT



	OVERLAY
	BP-1 PAVEMENT TRANSITION 2.00" TO 0.00"



RTE BB TRANSITION
LOG MILE 1.463

DATE PREPARED
8/11/2026

ROUTE	STATE
Z/KK	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
BENTON/HENRY

JOB NO.
JSR0108

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)



DATE PREPARED
8/10/2026

ROUTE	STATE
Z/KK	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
BENTON/HENRY

JOB NO.
JSR0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BRIDGE B0564 TRANSITION
LOG MILE 1.757 TO LOG MILE 1.866



STATE OF MISSOURI
CAMERON
SOBY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

DATE PREPARED
8/10/2026

ROUTE
Z/KK

STATE
MO

DISTRICT
SW

SHEET NO.
8

COUNTY
BENTON/HENRY

JOB NO.
JSR0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

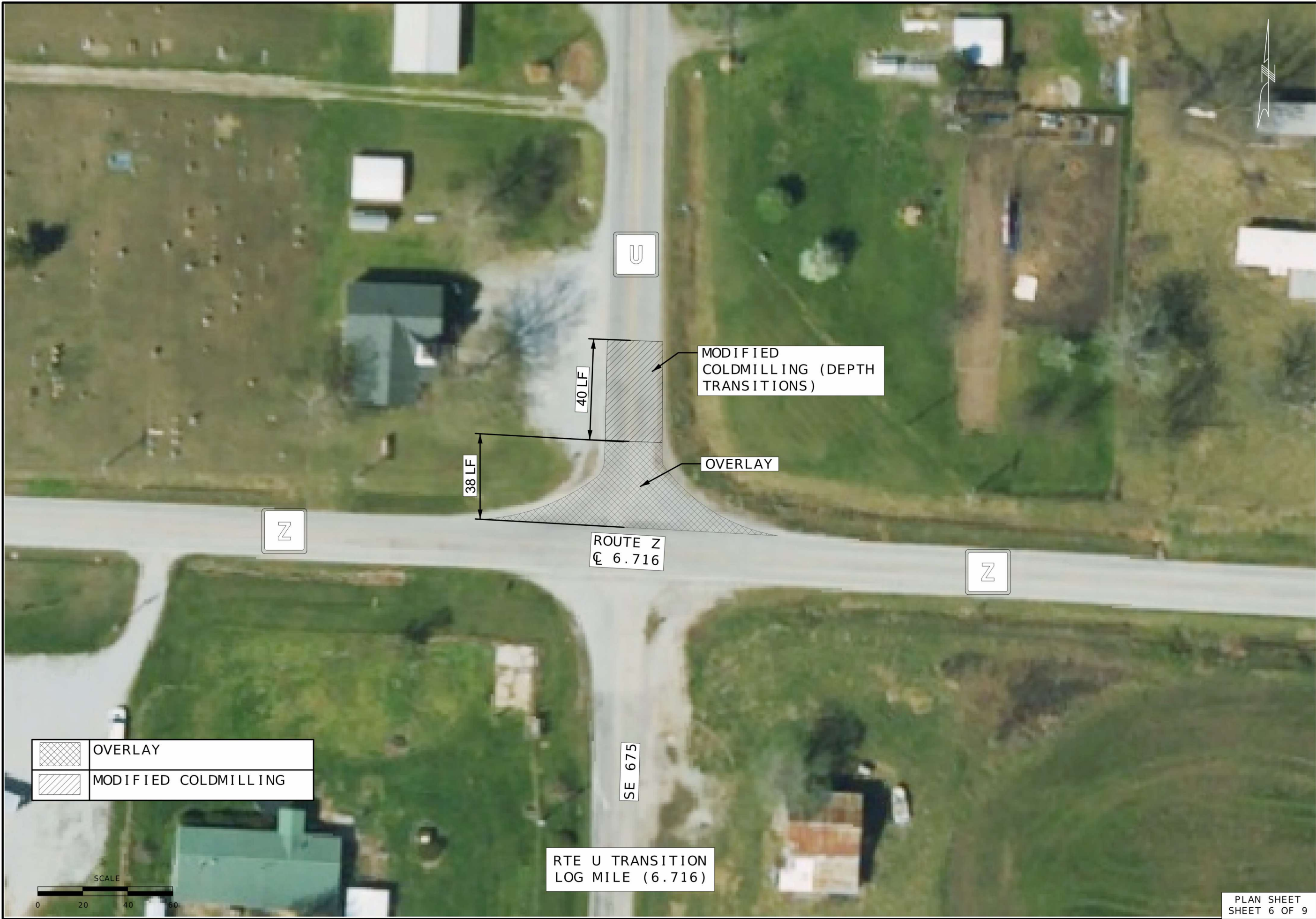
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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

PLAN SHEET
SHEET 5 OF 9



STATE OF MISSOURI

CAMERON

SOBY

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER

DATE PREPARED

8/10/2026

ROUTE

Z/KK

DISTRICT

SW

STATE

MO

SHEET NO.

9

COUNTY

BENTON/HENRY

JOB NO.

JSR0108

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)

PLAN SHEET
SHEET 6 OF 9



STATE OF MISSOURI

CAMERON

SOOY

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER

8/10/2026

DATE PREPARED

ROUTE

Z/KK

DISTRICT

SW

STATE

MO

SHEET NO.

10

COUNTY

BENTON/HENRY

JOB NO.

JSR0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

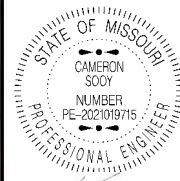
JEFFERSON CITY, MO 65102

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

MODOT

PLAN SHEET

SHEET 7 OF 9



DATE PREPARED 8/10/2026	
ROUTE Z/KK	STATE MO
DISTRICT SW	SHEET NO. 11
COUNTY BENTON/HENRY	
JOB NO. JSR0108	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



DATE PREPARED
8/11/2026

ROUTE Z/KK
STATE MO

DISTRICT SW
SHEET NO. 12

COUNTY
BENTON/HENRY

JOB NO.
JSR0108

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)

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).

REVISED: 2/19/2026



DATE PREPARED
8/11/2026

ROUTE
Z/KK

STATE
MO

DISTRICT
SW

SHEET NO.
13

COUNTY
BENTON/HENRY

JOB NO.
JSR0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

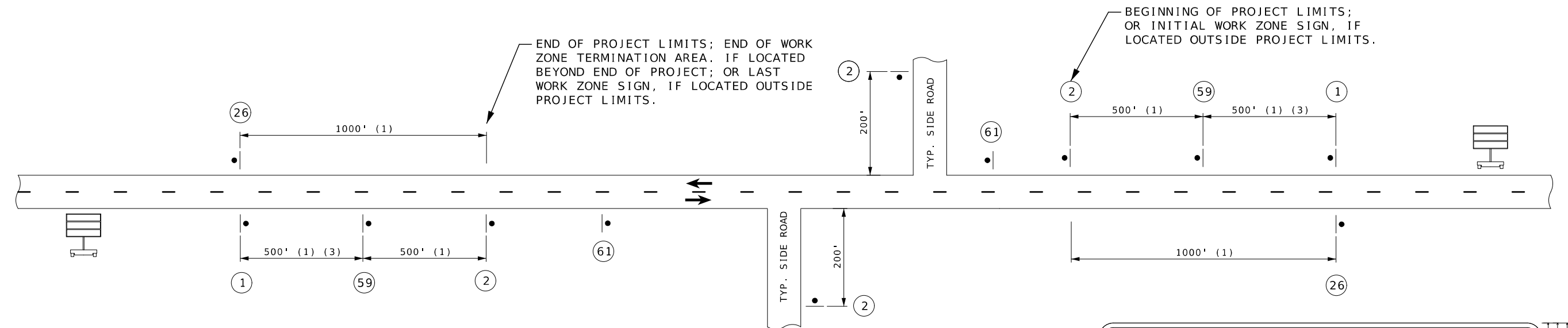
105 WEST CAPITOL
JEFFERSON CITY, MO 65102

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

MODOT

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 8



- (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 18 MILES

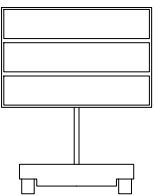
GO20-1

(1) (5)

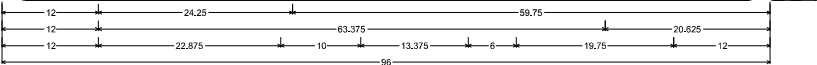
WORK ZONE
NO PHONE
ZONE

CONST-8

(59) (3)



(4)



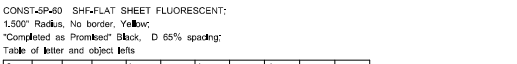
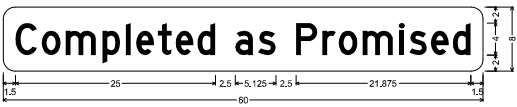
CONST-5 SH-FLAT SHEET:

3,000" Radius, 1,000" Border, White on Green:
"Road", D: "Resurfacing", D: "Fall 2027", D:
Table of letter and object 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
R	e	s	u
12,000	19,125	25,250	31,875
R	e	s	u
12,000	19,125	25,250	31,875
R	e	s	u
12,000	19,125	25,250	31,875

CONST-5-96

(61) (2)



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	31,875
P	r	o	m	i	s	e	d			
36,625	39,875	41,875	44,875	49,500	50,750	53,500	56,250			

NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 8

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).

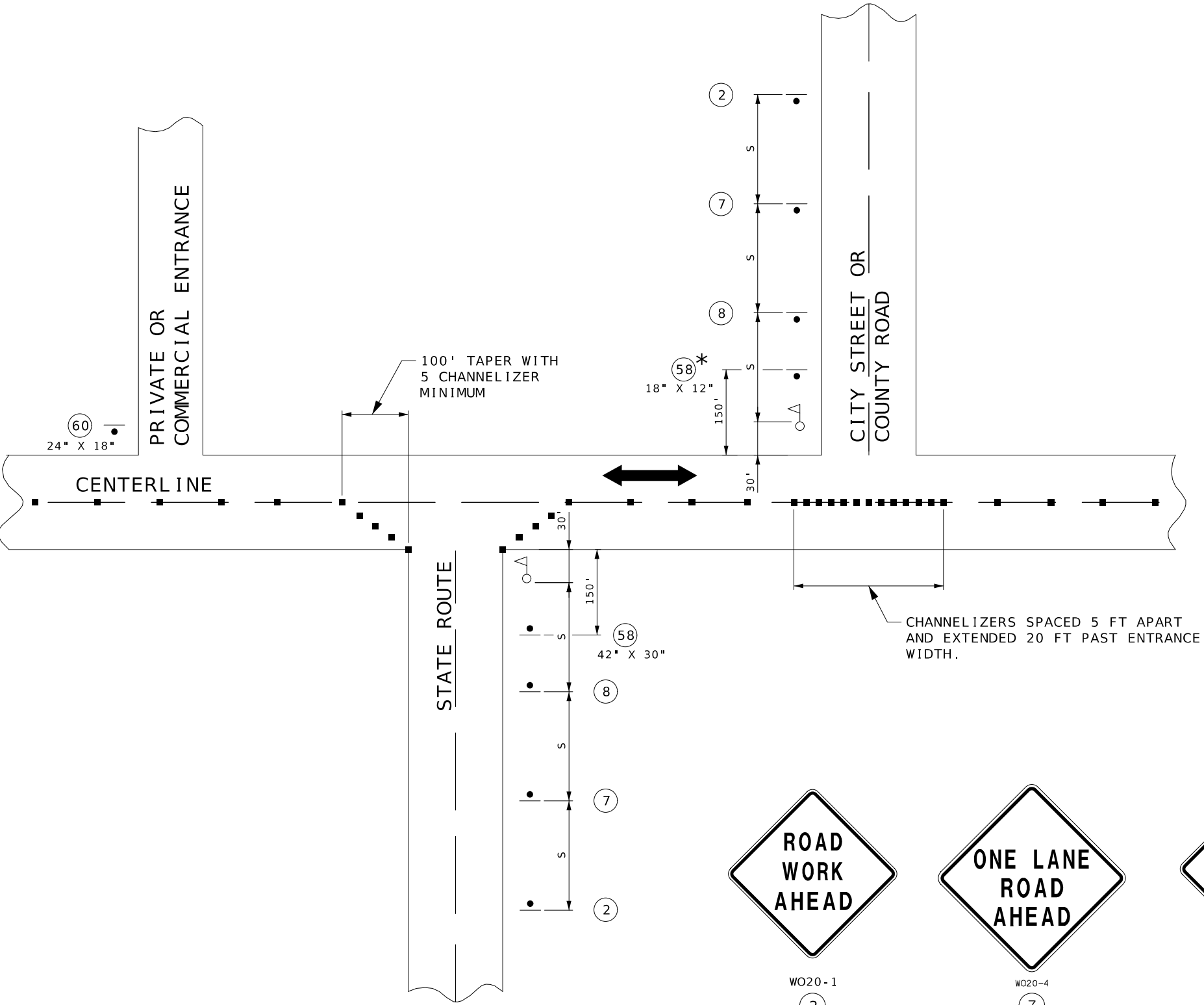


SHALL BE USED ON ALL INTERSECTIONS.

* 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
2



WO20-4
7



WO20-7a
8

NOT TO SCALE



DATE PREPARED
8/10/2026

ROUTE Z/KK	STATE MO
DISTRICT SW	SHEET NO. 15

COUNTY
BENTON/HENRY

JOB NO.
JSR0108

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)



DATE PREPARED
8 / 10 / 2026

Z / KK	MO
DISTRICT	SHEET NO.

COUNTY
BENTON / HENDRY

JSR0108

PROJECT NO.

[illegible]

ON							
----	--	--	--	--	--	--	--

[illegible][illegible][illegible]

DAT							
-----	--	--	--	--	--	--	--

TOL
6102
636)

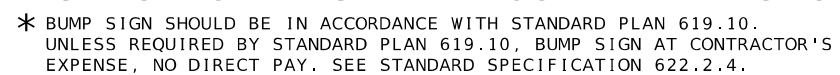
PORT

105
N C
(1-

AND
SS

88 -

7



DATE PREPARED

ROUTE	STATE
KK	MO

SW	18
----	----

COUNTY
ANTON (HENRY)

TON / HENRY

JSR0108

CONTRACT ID.

PROJECT NO.

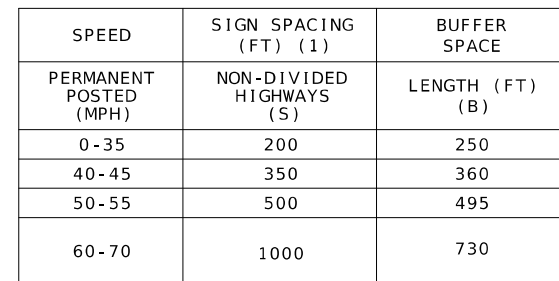
BRIDGE NO.

DESCRIPTION

DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



TRAFFIC CONTROL
SHEET 6 OF 8

SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
						TAPERS	BUFFER/ WORK AREAS
0-35	200	10 FT	11 FT	12 FT	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

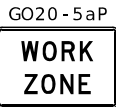


WO5-1
NEXT XX MILES (1)

WO7-3a

43 *

* OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.



R2-1
54
4

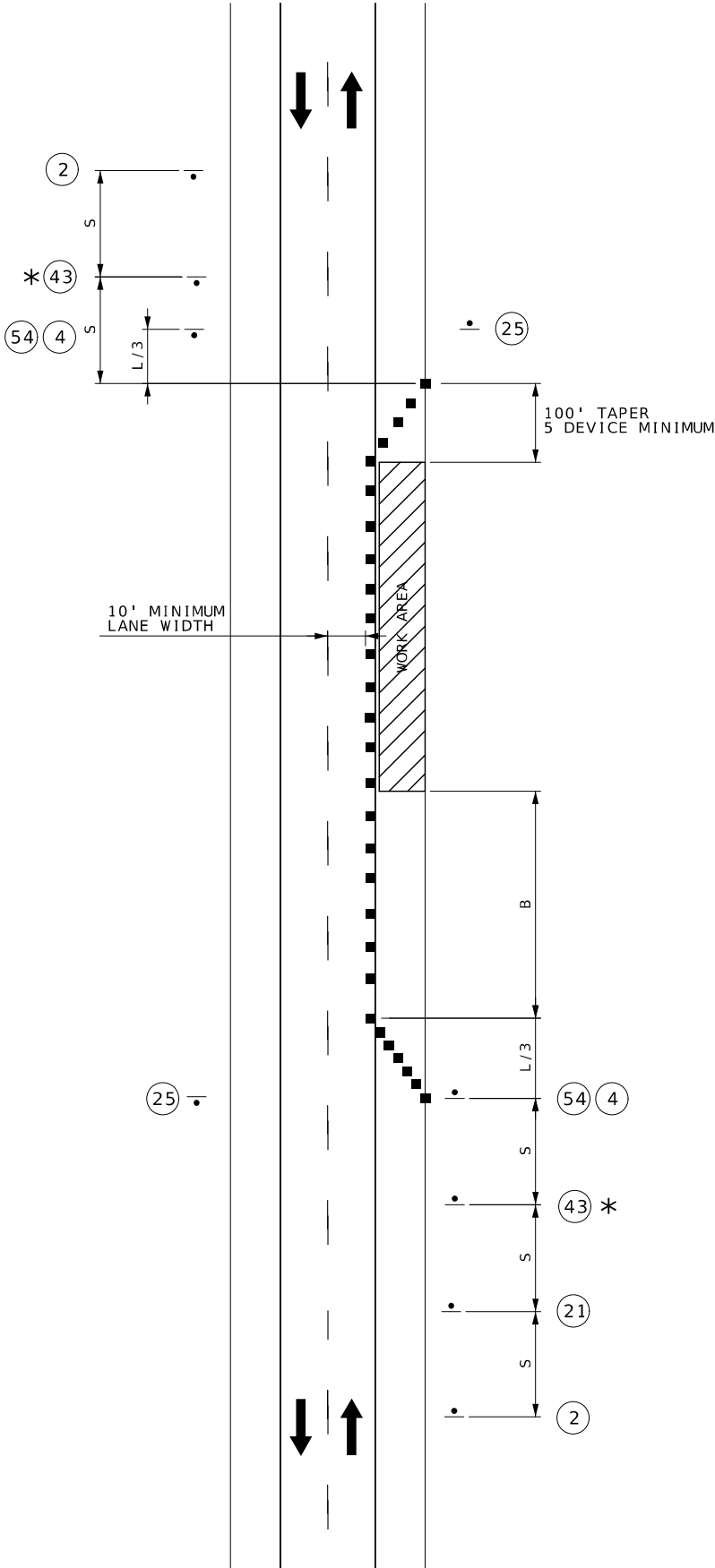


R2-1
25
(NORMAL SPEED)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
■ CHANNELIZER

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



REVISED: 2/19/2026



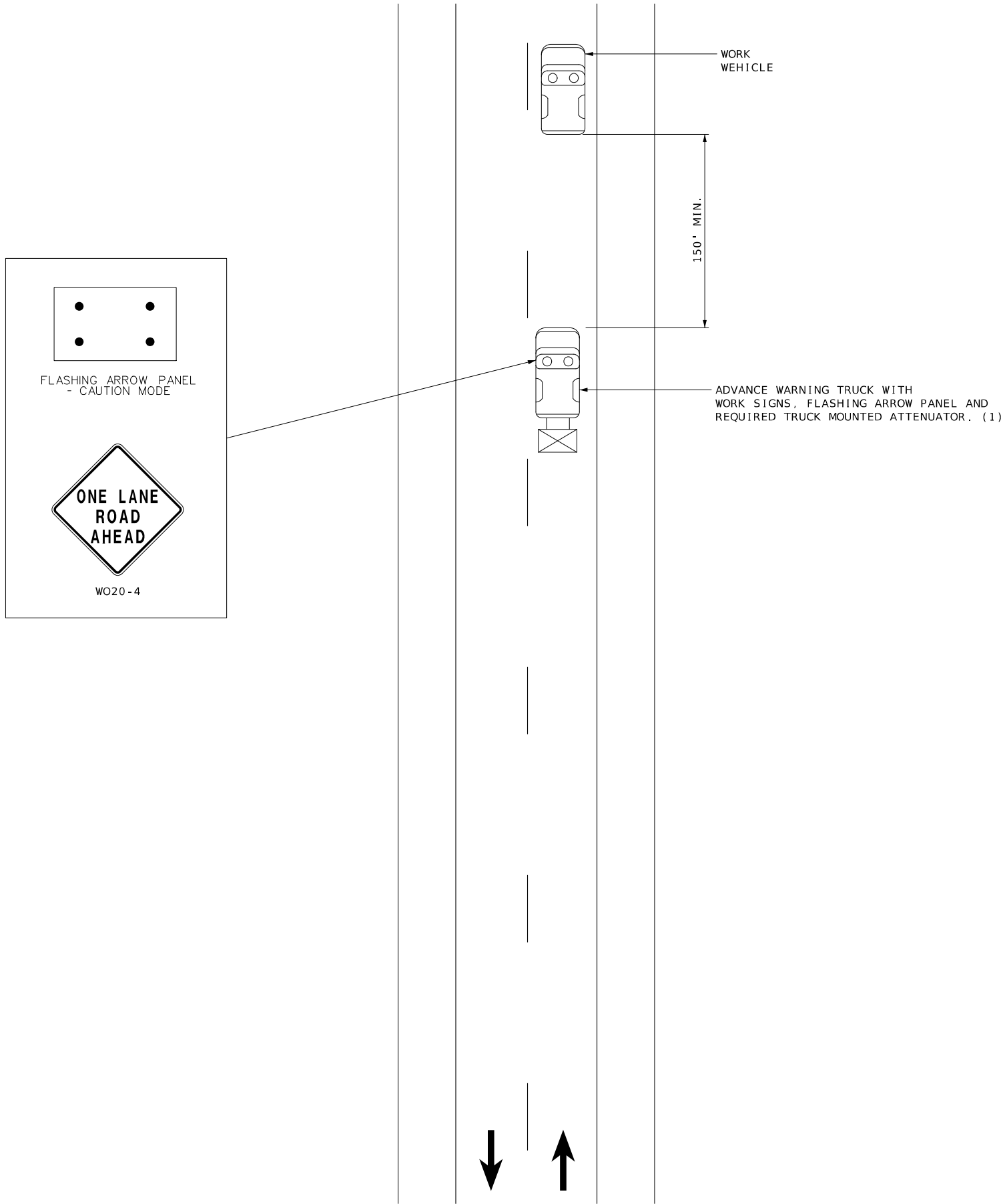
DATE PREPARED 8/10/2026	
ROUTE Z/KK	STATE MO
DISTRICT SW	SHEET NO. 19
COUNTY BENTON/HENRY	
JOB NO. JSR0108	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

NOT TO SCALE



NOTES:

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

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

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

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

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

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

STATE OF MISSOURI

CAMERON

SOOY

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER

Professional Seal 18

CAMERON SOOY - CIVIL

MO-PE-2021019715

DATE PREPARED

8/10/2026

ROUTE

Z/KK

DISTRICT

SW

STATE

MO

SHEET NO.

20

COUNTY

BENTON/HENRY

JOB NO.

JSR0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 8 OF 8

MOBILE OPERATION ON TWO-LANE HIGHWAY