DESIGN DESIGNATION

A.A.D.T. CONST. - 2025 = 2594
A.A.D.T. DESIGN - 2045 = 2726
DHV (E/W) = 50.7%/49.3%
T = 13.15%
V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS

(USED IN PLANS)

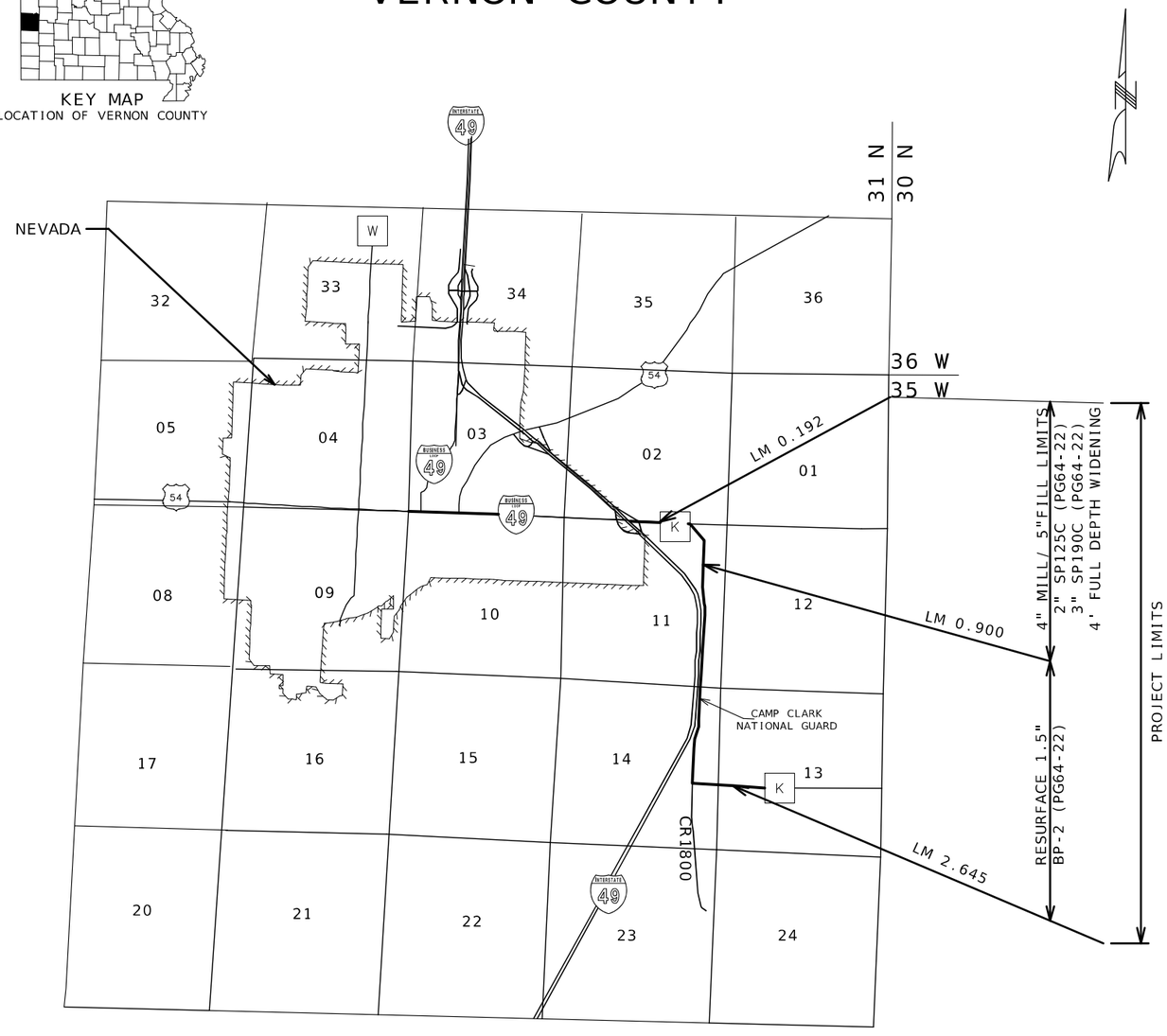
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	FO
OVERHEAD CABLE TV	-OTV-	OTV
UNDERGROUND CABLE TV	-UTV-	UTV
OVERHEAD TELEPHONE	-OT-	OT
UNDERGROUND TELEPHONE	-UT-	UT
OVERHEAD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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY VERNON COUNTY

KEY MAP
LOCATION OF VERNON COUNTY



NOT TO SCALE

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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (5 SHEETS)	2
QUANTITIES (QU) (4 SHEETS)	3
SPECIAL SHEETS (SS)	4-7
TRAFFIC CONTROL SHEETS (TC)	8-13

LENGTH OF PROJECT

LOG MILES FROM 2024 ARAN

BEGINNING OF PROJECT	LM. 0.192	
END OF PROJECT	LM. 2.645	
APPARENT LENGTH	2.453	MILES
EQUATIONS AND EXCEPTIONS:	NONE	
TOTAL CORRECTIONS	0.000	MILES
NET LENGTH OF PROJECT	2.453	MILES
STATE LENGTH	2.453	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.5	ACRES

STATE OF MISSOURI
CAMERON SODY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/45
CAMERON SODY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

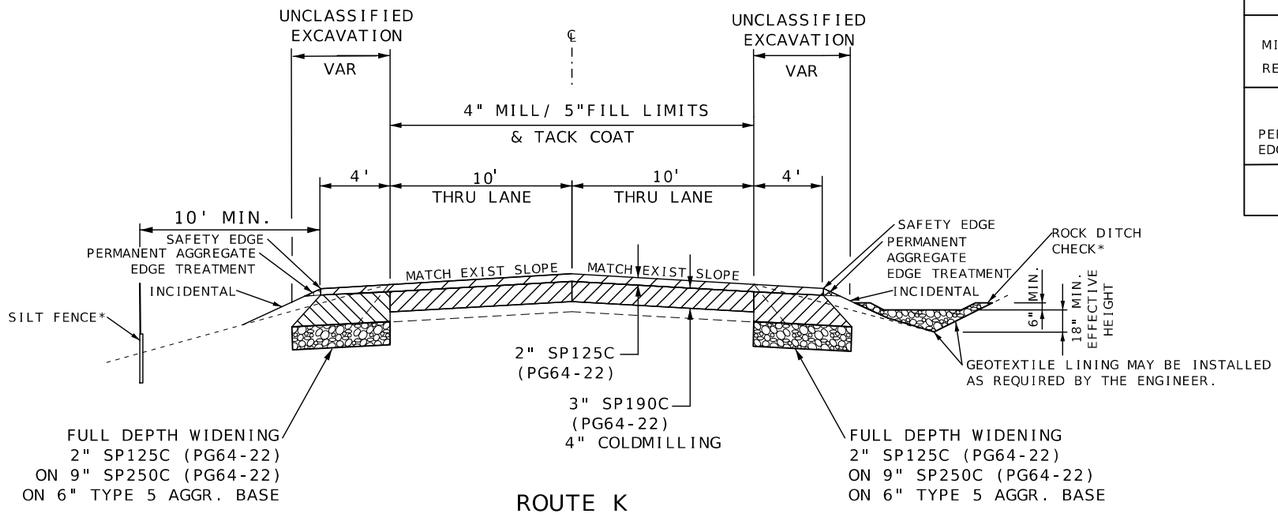
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

NOTE:
SEE STANDARD PLAN 401.00C FOR
CONCRETE/ASPHALT A2 SHOULDER DETAILS



ROUTE K

LOG MILE 0.192 TO LOG MILE 0.478
LOG MILE 0.810 TO LOG MILE 0.900

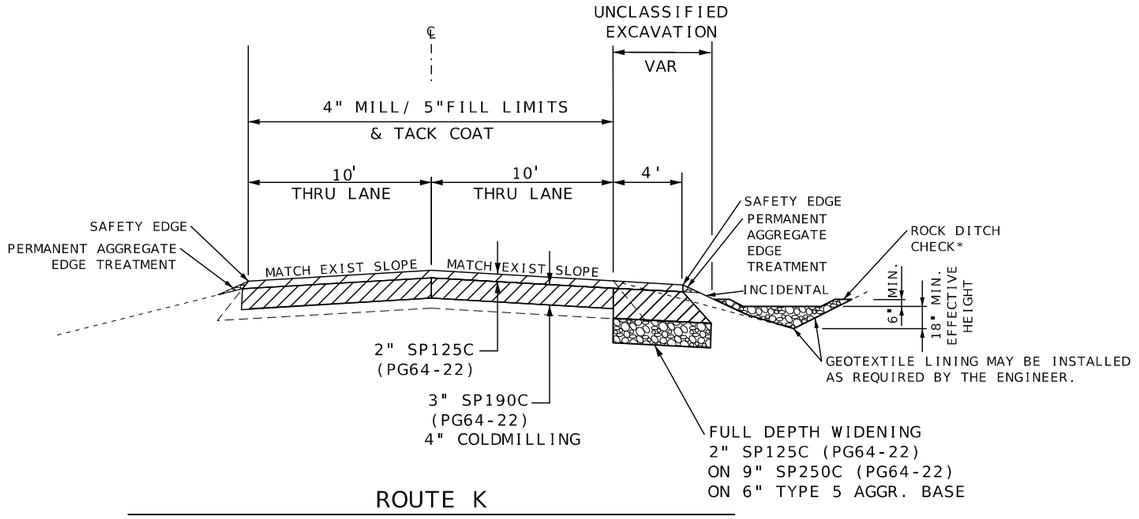
ASPHALT FACTORS	COMBINED FACTOR
SP125C (PG64-22)	1.965 TONS/CY
SP190C (PG64-22)	1.970 TONS/CY
SP250C (PG64-22)	1.975 TONS/CY
BP-2 (PG64-22)	1.975 TONS/CY

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

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

IRREGULARITIES: 75 TONS/MI

NOTE:
MAINLINE PAVEMENT WIDTH
TAPER TRANSITION:
FROM 50' LM 0.192
TO 25' LM 0.252
TO 20' LM 0.271



ROUTE K

LOG MILE 0.478 TO LOG MILE 0.810

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

TYPICAL SECTIONS
SHEET 1 OF 5

STATE OF MISSOURI
CAMERON SODY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07 Generated 10:45
CAMERON SODY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON

JOB NO.
JSR0161

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

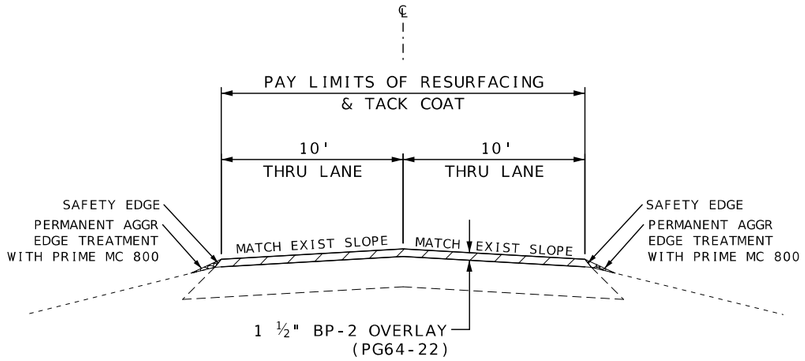
REVISED: 6/26/2025

ASPHALT FACTORS	COMBINED FACTOR
SP125C (PG64-22)	1.965 TONS/CY
SP190C (PG64-22)	1.970 TONS/CY
SP250C (PG64-22)	1.975 TONS/CY
BP-2 (PG64-22)	1.975 TONS/CY

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

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

IRREGULARITIES: 75 TONS/MI



ROUTE K

LOG MILE 0.900 TO LOG MILE 2.645

TYPICAL SECTIONS
SHEET 2 OF 5

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/25
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

PROJECT NO.

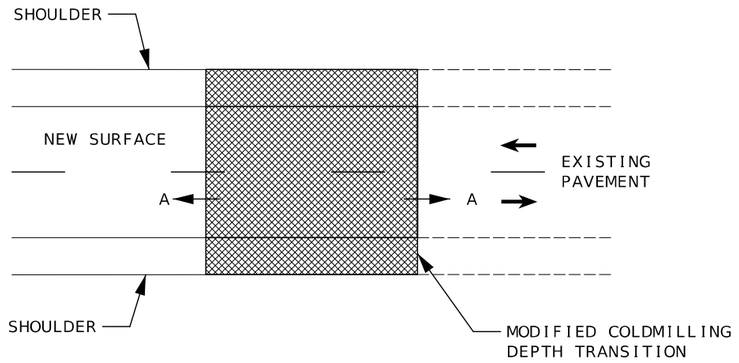
BRIDGE NO.

DESCRIPTION	DATE

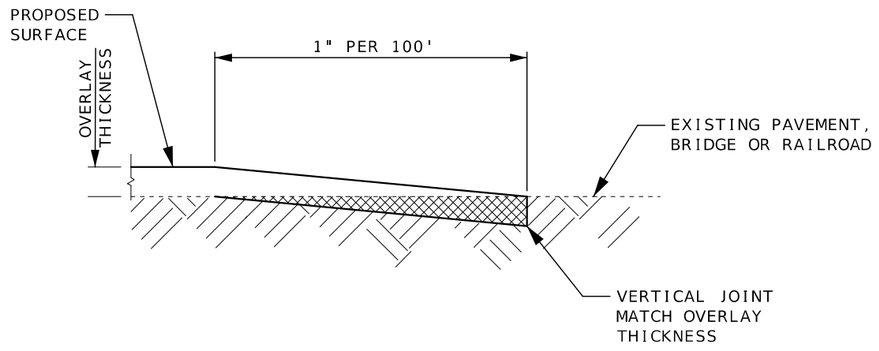
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 3/7/2023



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 SECTIONS
SHEET 3 OF 5

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/45
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
K	MO

DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

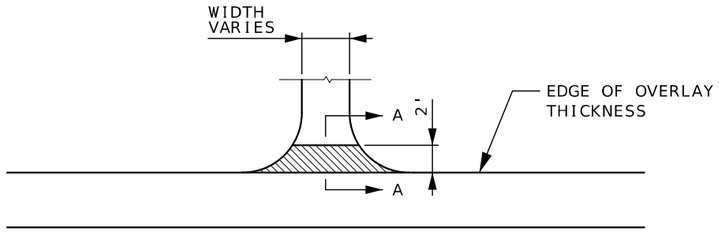
PROJECT NO.

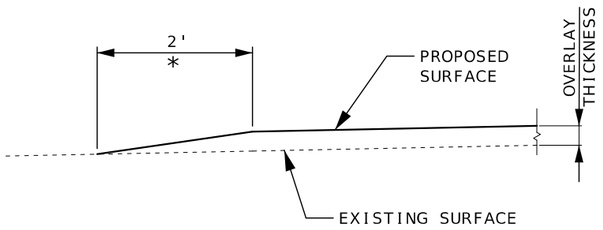
BRIDGE NO.

DESCRIPTION	DATE

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

REVISED: 3/7/2023





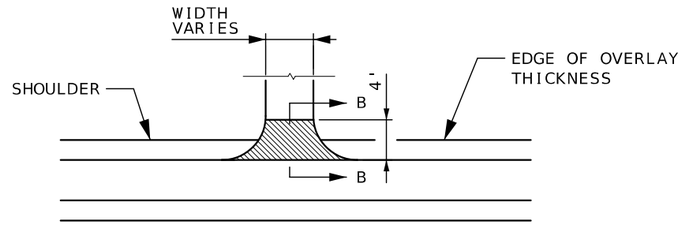
SECTION A-A

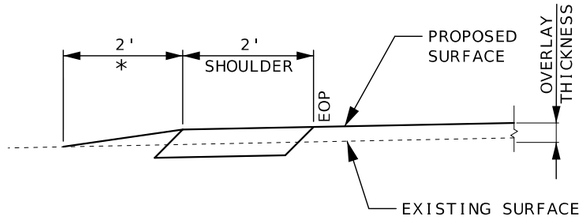
TYPICAL ENTRANCE - NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

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

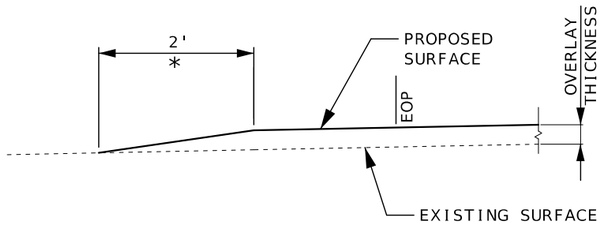
6 TONS CALCULATED PER COUNTY ROAD.

NOTE: DEPTH TRANSITION AT:
OLDTOWN RD (LM 0.548), SEE SPECIAL SHEET 2 OF 4
CR 1800 NORTHERN LEG (LM 0.769), SEE SPECIAL SHEET 2 OF 4
AND CR 1800 SOUTHERN LEG (LM 2.645), SEE SPECIAL SHEET 4 OF 4





AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

SECTION B-B

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

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

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

6 TONS CALCULATED PER COUNTY ROAD.

STATE OF MISSOURI
CAMERON SCOTT SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/2045
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

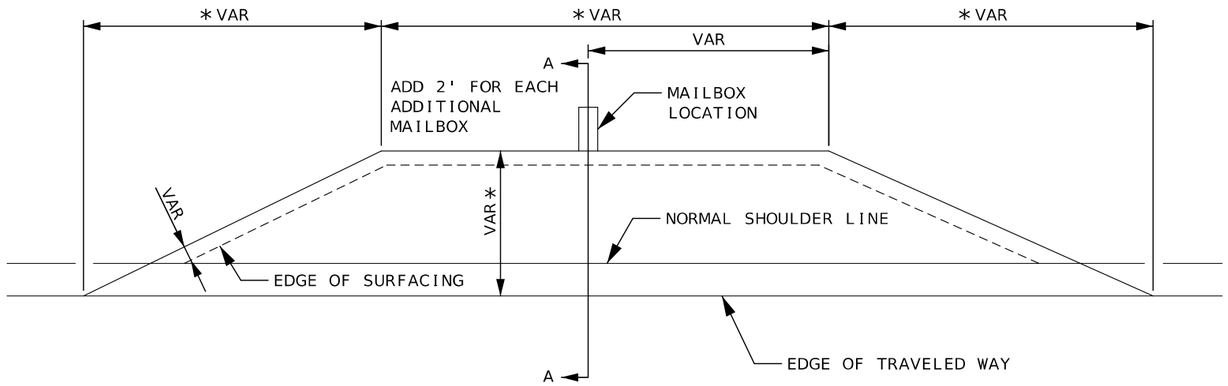
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

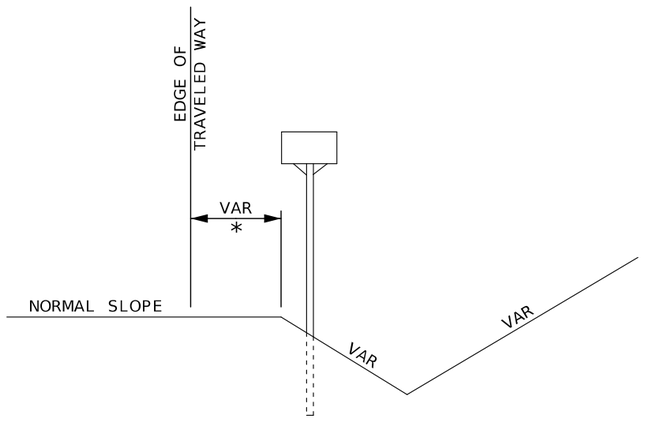
REVISED: 6/26/2025

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

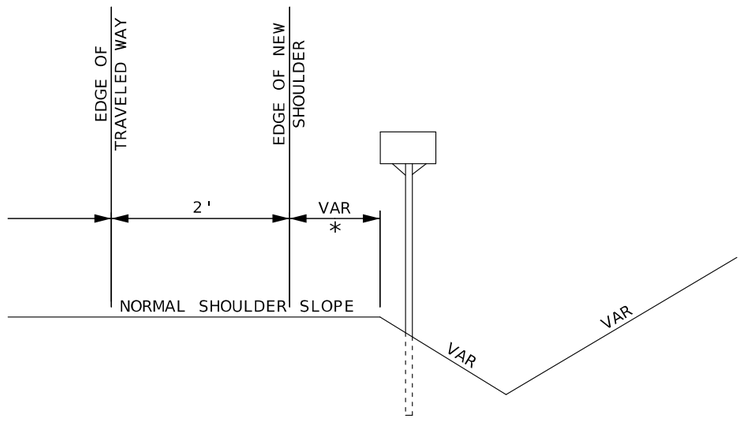
TYPICAL MAILBOX TURNOUT

*AS APPROVED BY THE ENGINEER





SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER

TYPICAL SECTIONS
SHEET 5 OF 5

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/30/2026 10:19:34
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/30/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ASPHALT

LT/RT	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVG. WIDTH LF	BP-2 (PG 64-22) 1.975 TONS	SP125C (PG 64-22) 1.965 TONS	SP190C (PG 64-22) 1.970 TONS	REMARKS
LT/RT	0.192	-	0.900	3738.2	20.0		908.4	1363.8	BEGINNING OF PROJECT TO SECOND DRIVEWAY OF XPO
LT/RT	0.900	-	2.645	9213.6	20.0	1684.9			SECOND DRIVEWAY OF XPO TO END OF PROJECT
LT/RT	2.465			VAR	VAR	30.6			CR 1800 AT RTE. K INTERSECTION
LT/RT	0.548			VAR	VAR		39.9		OLDTOWN ROAD TRANSITION
LT/RT	0.769			VAR	VAR		76.3		CR 1800 NORTH LEG TRANSISTION
LT/RT	2.635			VAR	VAR		68.5		CR 1800 SOUTH LEG TRANSISTION
RT	0.192	-	0.900	3738.2	4.0		181.7		BEGINNING OF PROJECT TO SECOND DRIVEWAY OF XPO
LT	0.192	-	0.478	1510.1	4.0		37.3		BEGINNING OF PROJECT TO JOHN DEERE DEALERSHIP
LT	0.810	-	0.900	475.2	4.0		23.4		FROM CR S 1800 TO SECOND DRIVEWAY OF XPO
LT/RT	0.900	-	2.645	1933.0	2.0	35.3			ENTRANCES & SIDEROADS
LT/RT	0.900	-	2.645	107.0	2.0	2.0			MAILBOX TURNOUTS
LT/RT	0.192	-	0.900	3738.2			4.3		SAFETY EDGE FROM BEGINNING OF PROJECT TO SECOND DRIVEWAY OF XPO
LT/RT	0.900	-	2.645	9213.6		10.5			SAFETY EDGE FROM SECOND DRIVEWAY OF XPO TO END OF PROJECT
LT/RT	0.900	-	2.645	9213.6	20.0	130.9			IRREGULARITIES 75 TONS/MILE (EXCLUDES COLDMILL SECTIONS)
					TOTAL	1894.2	1339.8	1363.8	
					USE	1894.2	1339.8	1363.8	

ASPHALT, TACK, & SHOULDER GRADING

LT/RT	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVG. WIDTH LF	SP250C (PG 64-22) 1.975 TONS	TYPE 5 6" AGGR BASE SY	TACK 0.08 GAL	TACK 0.10 GAL	COMPACTING IN CUT STA	REMARKS
LT/RT	0.192	-	0.900	3738.2	20.0			664.6	830.7		BEGINNING OF PROJECT TO SECOND DRIVEWAY OF XPO
LT/RT	0.900	-	2.645	9213.6	20.0			1638.0			SECOND DRIVEWAY OF XPO TO END OF PROJECT
LT/RT	2.465			VAR	VAR			29.7			CR 1800 AT RTE. K INTERSECTION
LT/RT	0.548			VAR	VAR			39.0			OLDTOWN ROAD TRANSITION
LT/RT	0.769			VAR	VAR			86.6			CR 1800 NORTH LEG TRANSISTION
LT/RT	2.635			VAR	VAR			51.1			CR 1800 SOUTH LEG TRANSISTION
RT	0.192	-	0.900	3738.2	4.0	820.3	1661.4	132.9		37.4	BEGINNING OF PROJECT TO SECOND DRIVEWAY OF XPO
LT	0.192	-	0.478	1510.1	4.0	331.4	671.2	53.7		15.1	BEGINNING OF PROJECT TO JOHN DEERE DEALERSHIP
LT	0.810	-	0.900	475.2	4.0	104.3	211.2	16.9		4.8	FROM CR S 1800 TO SECOND DRIVEWAY OF XPO
LT/RT	0.900	-	2.645	1933.0	2.0						ENTRANCES & SIDEROADS
LT/RT	0.900	-	2.645	107.0	2.0						MAILBOX TURNOUTS
LT/RT	0.192	-	0.900	3738.2							SAFETY EDGE FROM BEGINNING OF PROJECT TO SECOND DRIVEWAY OF XPO
LT/RT	0.900	-	2.645	9213.6							SAFETY EDGE FROM SECOND DRIVEWAY OF XPO TO END OF PROJECT
LT/RT	0.900	-	2.645	9213.6	20.0						IRREGULARITIES 75 TONS/MILE (EXCLUDES COLDMILL SECTIONS)
					TOTAL	1256.0	2543.8	2712.5	830.7	57.3	
					USE	1256.0	2544	3544		57.3	

MOBILIZATION
1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 4

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/2/2026 10:16:45
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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

SHOULDER GRADING, SEEDING & MULCHING

LT/RT	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVG. WIDTH LF	COMPACTING IN CUT STA	UNCLASSIFIED EXCAVATION CY	COOL SEASON SEEEDING ACRE	MULCHING ACRE	REMARKS
LT/RT	0.192	-	0.900	3738.2	20.0					BEGINNING OF PROJECT TO SECOND DRIVEWAY OF XPO
LT/RT	0.900	-	2.645	9213.6	20.0					SECOND DRIVEWAY OF XPO TO END OF PROJECT
LT/RT	2.465			VAR	VAR					CR 1800 AT RTE. K INTERSECTION
LT/RT	0.548			VAR	VAR					OLDTOWN ROAD TRANSITION
LT/RT	0.769			VAR	VAR					CR 1800 NORTH LEG TRANSISTION
LT/RT	2.635			VAR	VAR					CR 1800 SOUTH LEG TRANSISTION
RT	0.192	-	0.900	3738.2	4.0	37.4	784.6	0.34	0.34	BEGINNING OF PROJECT TO SECOND DRIVEWAY OF XPO
LT	0.192	-	0.478	1510.1	4.0	15.1	316.9	0.14	0.14	BEGINNING OF PROJECT TO JOHN DEERE DEALERSHIP
LT	0.810	-	0.900	475.2	4.0	4.8	99.7	0.04	0.04	FROM CR S 1800 TO SECOND DRIVEWAY OF XPO
LT/RT	0.900	-	2.645	1933.0	2.0					ENTRANCES & SIDEROADS
LT/RT	0.900	-	2.645	107.0	2.0					MAILBOX TURNOUTS
LT/RT	0.192	-	0.900	3738.2						SAFETY EDGE FROM BEGINNING OF PROJECT TO SECOND DRIVEWAY OF XPO
LT/RT	0.900	-	2.645	9213.6						SAFETY EDGE FROM SECOND DRIVEWAY OF XPO TO END OF PROJECT
LT/RT	0.900	-	2.645	9213.6	20.0					IRREGULARITIES 75 TONS/MILE (EXCLUDES COLDMILL SECTIONS)
					TOTAL	57.3	1201.2	0.52	0.52	
					USE	57.3	1201	0.5	0.5	

EROSION CONTROL

LOG MILE	LOG MILE	SILT FENCE LOCATION	LENGTH	# OF DITCH CHECKS EACH STRUCTURE (EA)	# OF X-ROAD STRUCTURES (EA)	SILT FENCE (LF)	ROCK DITCH CHECK (LF)	SEDIMENT REMOVAL (CY)	SEPARATION GEOTEXTILE (SY)	REMARKS
0.192	0.900	VARIOUS, LT & RT	3738.24	4	2	5724.0	80.0	8.0	20.0	
					PAY TOTAL	5724.0	80.0	8.0	20.0	
					USE TOTAL	5724	80	8	20	
10 LF PER ROCK DITCH CHECK, 5 SY GEOTEXTILE PER DITCH CHECK										

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

SUMMARY OF QUANTITIES
SHEET 2 OF 4

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/2026
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
K	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
VERNON

JOB NO.
JSR0161

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			REMARKS
					4" SOLID WHITE	4" INT YELLOW	4" SOLID YELLOW	
					LF	LF	LF	
K	0.192	-	0.270		820.0		820.0	
K	0.270	-	0.358		930.0	120.0	460.0	
K	0.358	-	0.518		1690.0		1690.0	
K	0.518	-	0.840		3400.0	430.0	1700.0	
K	0.840	-	0.960		1270.0	160.0		
K	0.960	-	1.059		1050.0	130.0	520.0	
K	1.059	-	1.199		1480.0		1480.0	
K	1.199	-	1.338		1470.0	180.0	730.0	
K	1.338	-	1.477		1470.0	180.0		
K	1.477	-	2.417		9930.0	1240.0	4960.0	
K	2.417	-	2.597		1900.0	240.0	950.0	
K	2.597	-	2.645		510.0	60.0	250.0	
				TOTALS	25920	2740	13560	
				USE	25920	16300		

COLDMILLING

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH	AVERAGE WIDTH	MODIFIED DEPTH TRANSITION	FULL DEPTH COLDMILL > THAN 3"	REMARKS
				LF	LF	SY	SY	
K	0.192	-	0.900	3738.2	20.0		8307.1	BEGINNING OF PROJECT
K	0.548	-		VAR	VAR	488.0		OLDTOWN RD
K	0.769	-		VAR	VAR	932.0		CR S1800 NORTH LEG
K	2.645	-		VAR	VAR	1058.0		CR S1800 SOUTH LEG & END OF PROJECT
					TOTAL	2478.0	8307.1	
					USE	2478	8308	

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	
K	0.192	-	2.645	2.453	490.6	1447	
		-					
				TOTALS	490.6	1447	
				USE	490.6	1447	*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/02/2026
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
K	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
VERNON

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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 4

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00	5	80.00				BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	6	96.00				UNEVEN LANES
WO8-12	48X48	16.00	4	64.00				NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	11	176.00				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	9	144.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	9	144.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	2	17.50				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	3	4.50				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00						SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	2	64.00				POINT OF PRESENCE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL	859
616-10.10 RELOCATED SIGNS	TOTAL	

ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025 DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	100	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/26
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

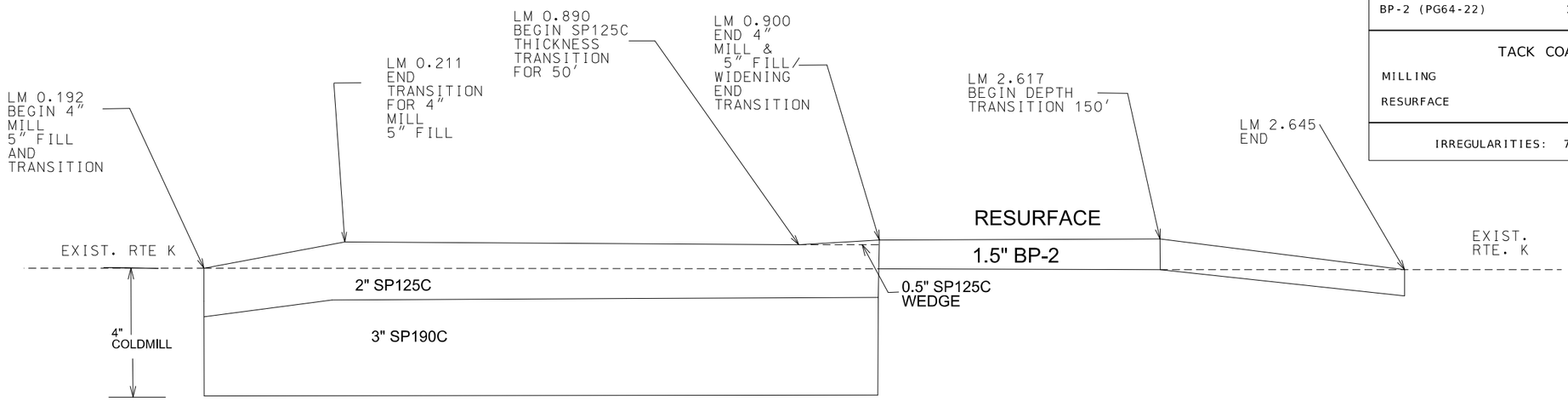
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SUMMARY OF QUANTITIES
SHEET 4 OF 4

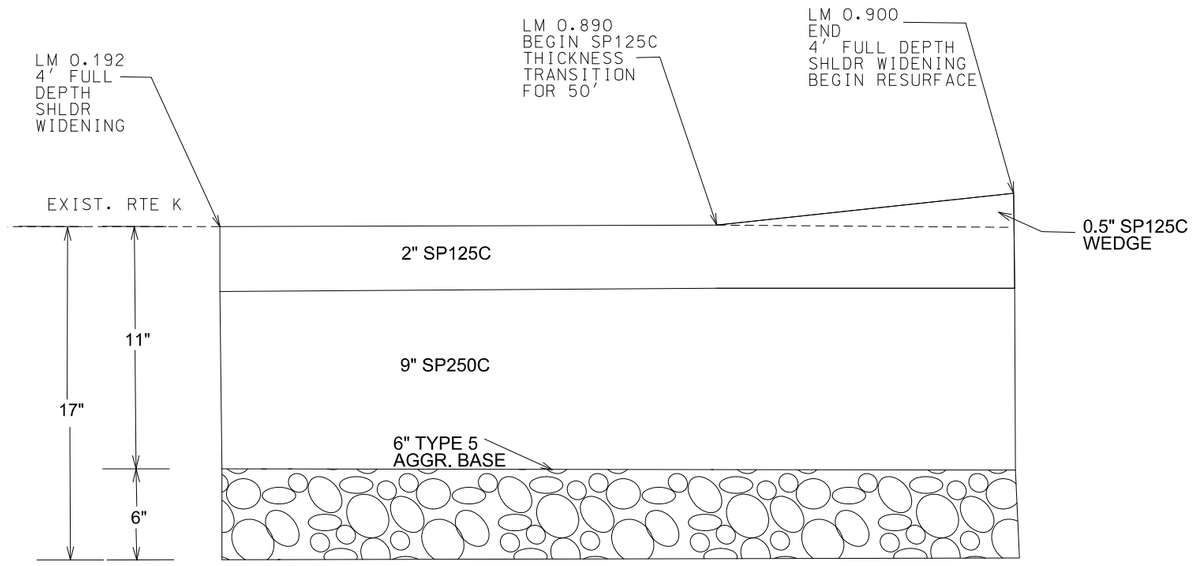
ASPHALT FACTORS	COMBINED FACTOR
SP125C (PG64-22)	1.970 TONS/CY
SP190C (PG64-22)	1.925 TONS/CY
SP250C (PG64-22)	1.990 TONS/CY
BP-2 (PG64-22)	1.975 TONS/CY

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

IRREGULARITIES: 75 TONS/MI



MAINLINE
LOG MILE 0.192 TO LOG MILE 2.645
MILL/FILL TO RESURFACING TRANSITION AT LM 0.900



4' FULL DEPTH SHOULDER WIDENING
RT SHLDR LOG MILE 0.192 TO LOG MILE 0.900
LT SHLDR LOG MILE 0.192 TO LOG MILE 0.478
LT SHLDR LOG MILE 0.810 TO LOG MILE 0.900

SPECIAL SHEET
SHEET 1 OF 4

STATE OF MISSOURI
CAMERON SCOTT SODY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/26
CAMERON SCOTT SODY - CIVIL
MO-PE-2021019715

DATE PREPARED: 6/29/2026
ROUTE: K | STATE: MO
DISTRICT: SW | SHEET NO.: 4
COUNTY: VERNON
JOB NO.: JSR0161
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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END OF LT FULL DEPTH SHOULDER WIDENING LM 0.478

START OF PROJECT/ FULL DEPTH SHOULDER WIDENING LT/ RT LM 0.192

BEGIN OF LT FULL DEPTH SHOULDER WIDENING LM 0.810

END OF (4"M/5"F)/ FULL DEPTH SHOULDER WIDENING LT/RT START OF 1.5" OVERLAY LM 0.900

DEPTH TRANSISTION

4' FULL DEPTH SHOULDER WIDENING

4" MILL/ 5"FILL

LOCATION OF START OF PROJECT AND SWITCH IN TREATMENT

NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 4

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/6/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
VERNON

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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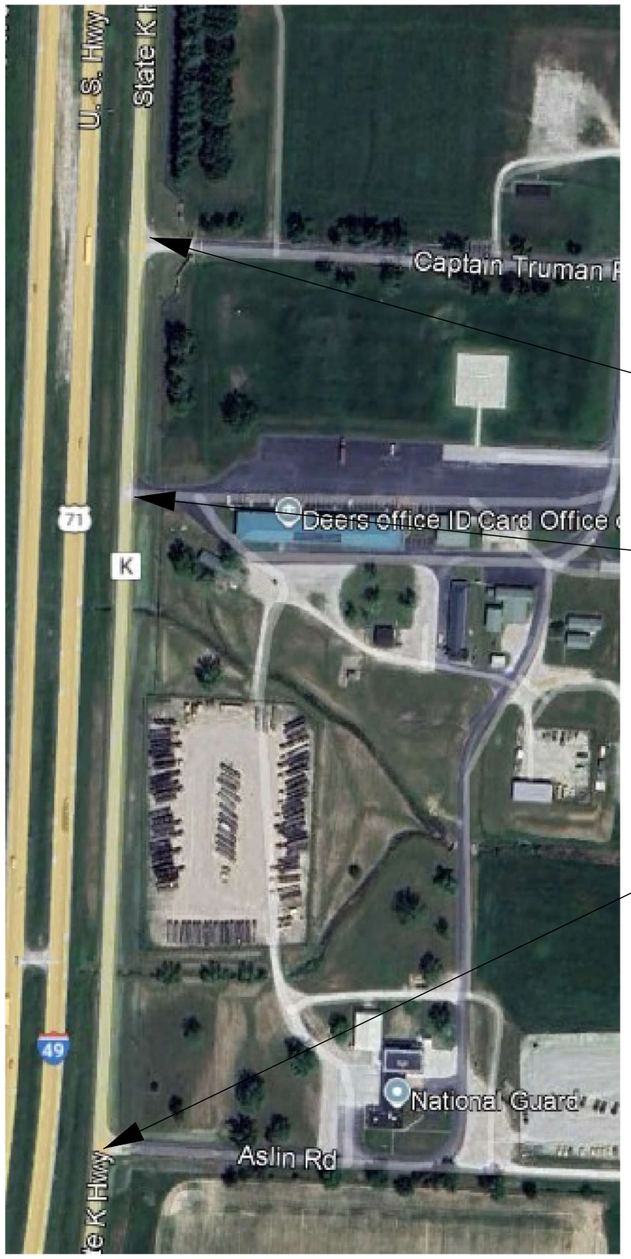

NOTE:
AT LEAST 1 OF THE 3 ENTRANCES TO CAMP CLARK MUST REMAIN FULLY ACCESSIBLE AT ALL TIMES

NOT TO SCALE

LOCATION OF CAMP CLARK DRIVEWAYS

SPECIAL SHEET
SHEET 3 OF 4

STATE OF MISSOURI
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END OF PROJECT
LM 2.645

DEPTH TRANSISTION

LOCATION FOR EXCESS MILLING MATERIAL

LOCATION FOR EXCESS MILLING MATERIAL

LOCATION OF END OF PROJECT

NOT TO SCALE

SPECIAL SHEET
SHEET 4 OF 4

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/06/2026
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/6/2026

ROUTE	STATE
K	MO

DISTRICT	SHEET NO.
SW	7

COUNTY
VERNON

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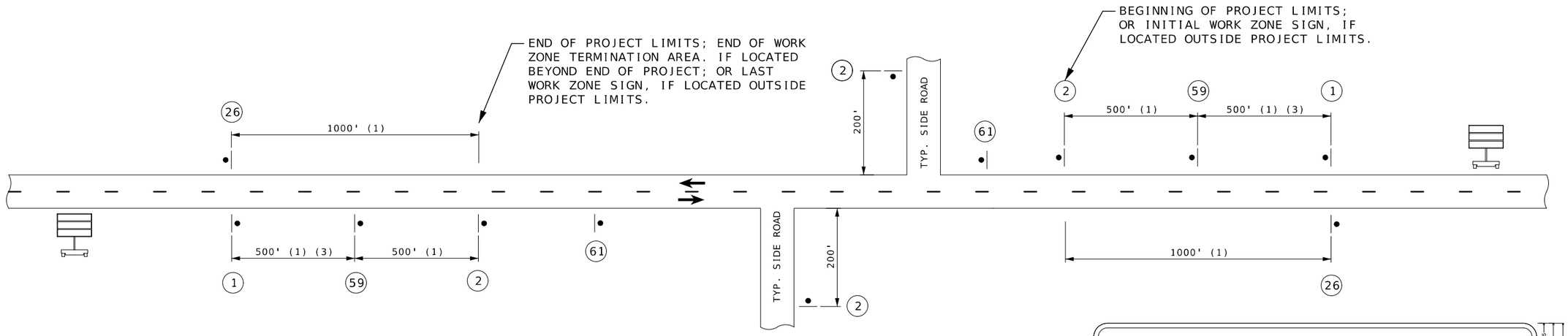
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GENERAL NOTES:

REVISED: 2/19/2026

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



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

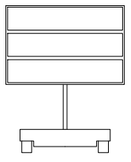
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

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

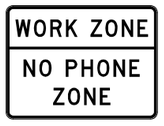
(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

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

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

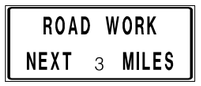


(4)



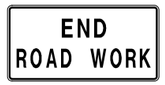
CONST-8

59 (3)



GO20-1

1 (5)

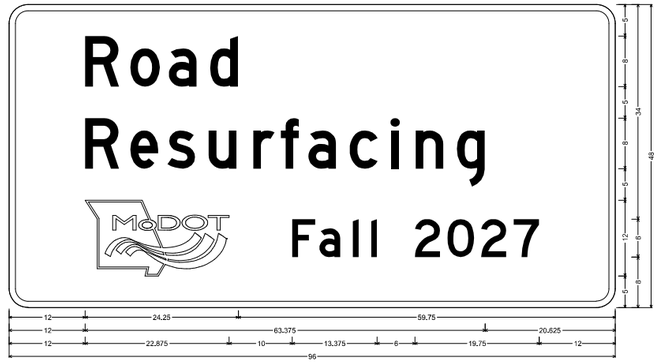


GO20-2

26 (5)

WO20-1

2

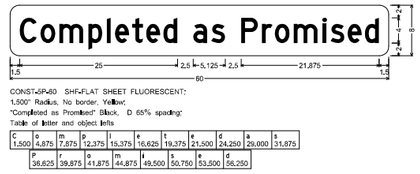


CONST-5 SHEFLAT SHEET:
3,000" Radius, 1,000" Border, White on, Green:
"Road", D: "Resurfacing", D: "Fall 2027", D:
Table of letter and object lefts

R 12,000	o 19,125	a 25,250	d 31,875																						
R 12,000	e 19,125	s 25,000	u 31,625	r 38,625	f 43,000	a 47,375	c 53,875	k 60,500	n 64,375	g 70,875															
12,000	F 44,875	a 49,125	l 54,500	l 57,375	2 64,250	0 69,375	2 74,750	7 79,875																	

CONST-5-96

61 (2)



CONST-5P-60 SHEFLAT SHEET FLUORESCENT:
1,500" Radius, No border, Yellow:
"Completed as Promised" Black, D 65% spacing:
Table of letter and object lefts

C 1,500	o 4,875	m 7,875	p 12,375	l 15,375	e 16,625	t 19,375	e 21,500	d 24,250	a 29,000	s 31,875															
P 36,625	r 39,875	o 41,875	m 44,875	e 49,500	s 50,750	e 53,500	d 56,250																		

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 6

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2012019715
PROFESSIONAL ENGINEER

07/[illegible]/26
CAMERON SCOY - CIVIL
MO-PE-2012019715

DATE PREPARED
6/29/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026

WO20-1

(2)

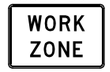
WO20-4

(7)

WO20-7a

(8)

GO20-5aP



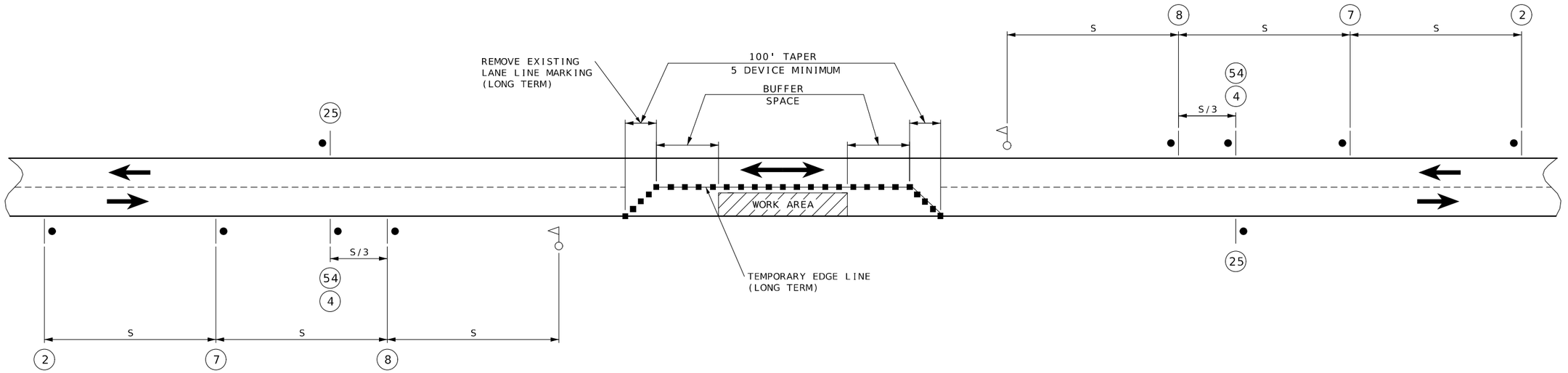
R2-1

(54)
(4)

R2-1

(25)

(NORMAL SPEED)



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

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

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

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

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

SPACING NOTES:

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

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

• SIGN (SINGLE SIDED)

FLAGGER

■ CHANNELIZER

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 6

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/26
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

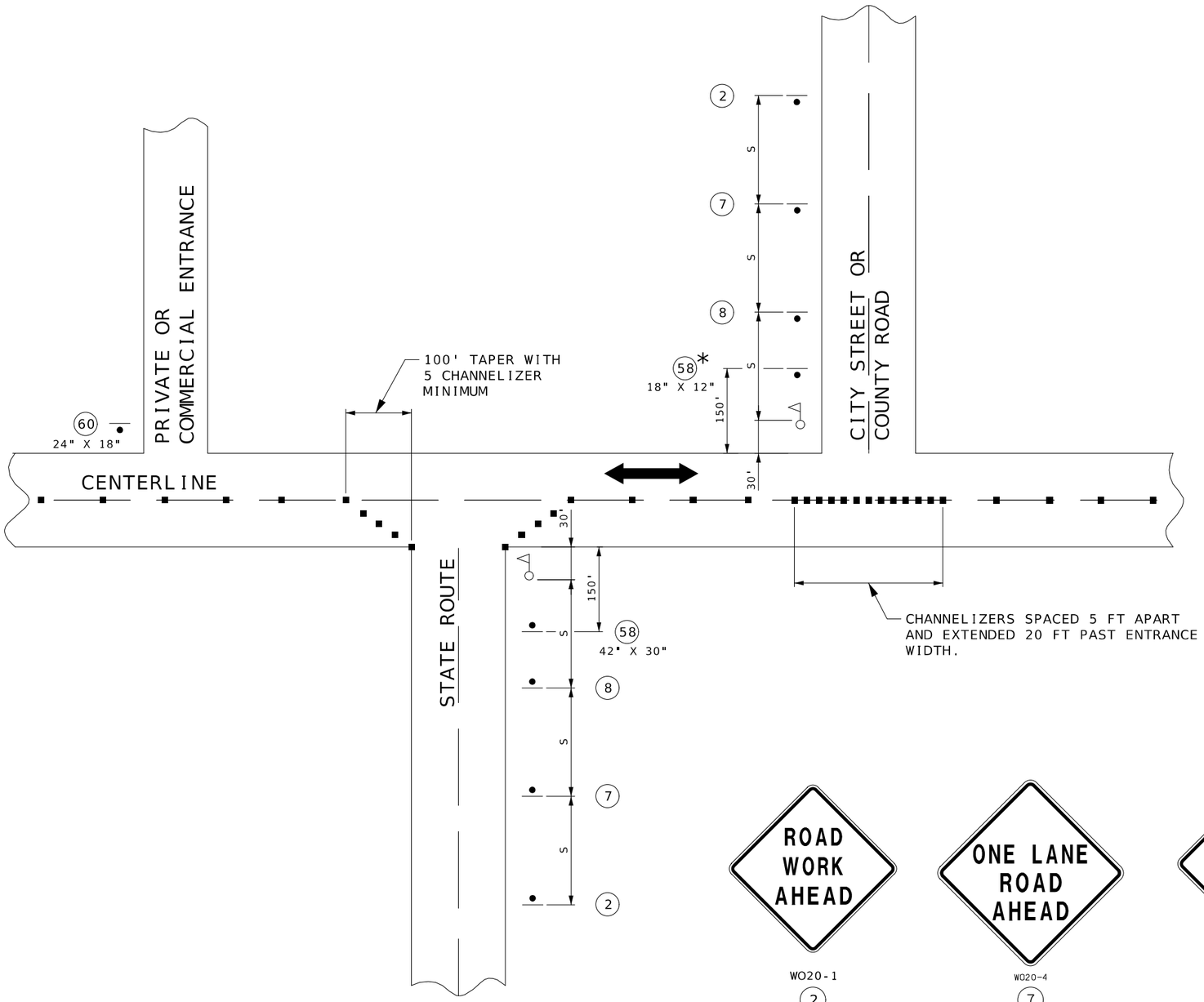
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026

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).

G020-4a
58

SHALL BE USED ON ALL INTERSECTIONS.

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

24" X 18"
60

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

WO20-1
2

WO20-4
7

WO20-7a
8

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 6

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/26
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

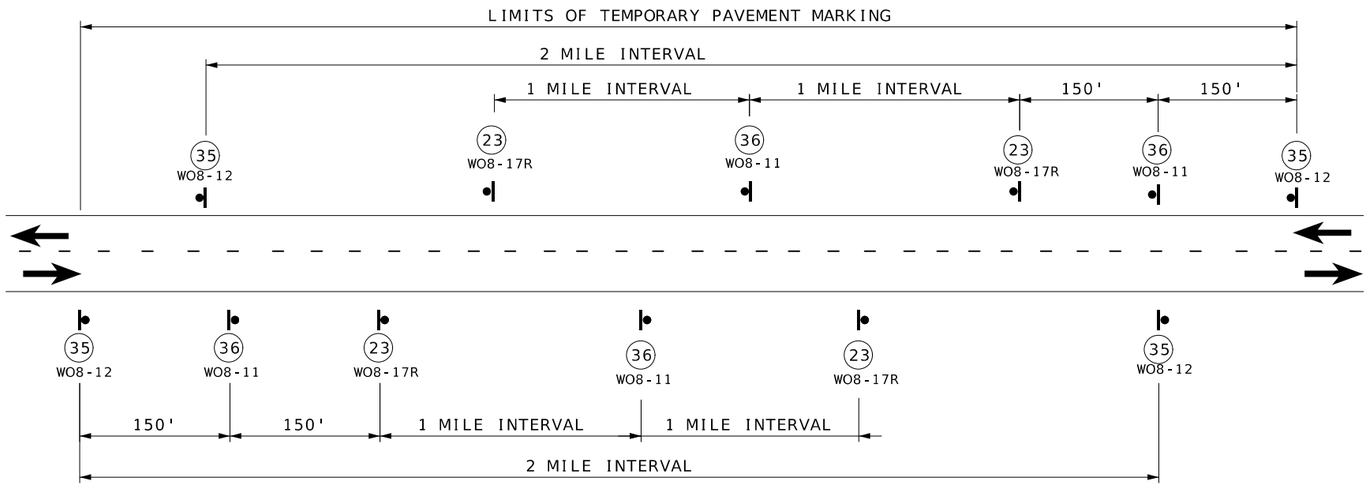
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

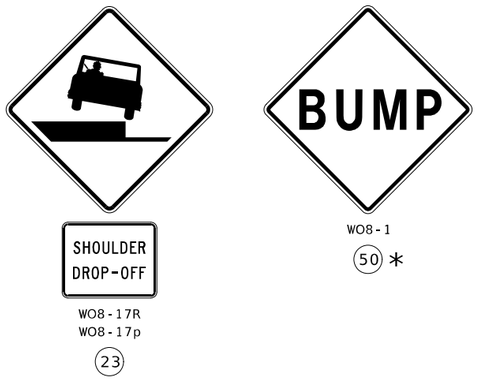
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

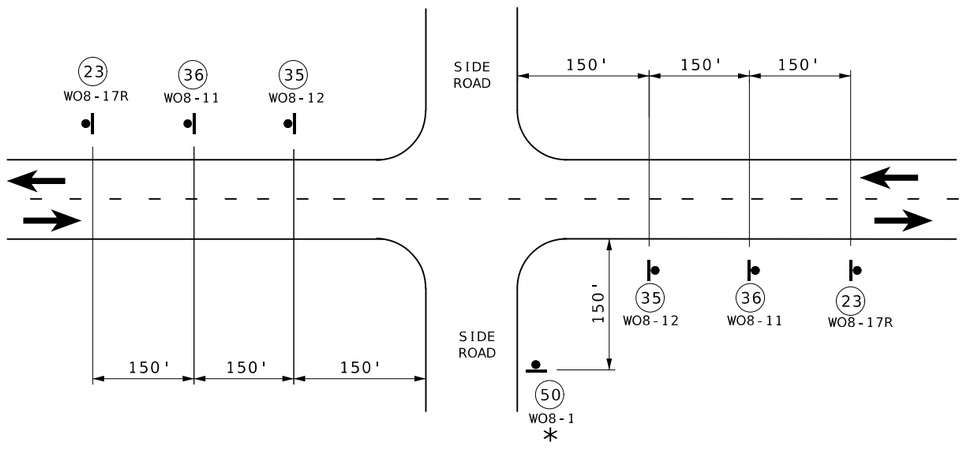
REVISED: 2/19/2026



SIGN SPACING FOR MAINLINE

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





SIGN SPACING AT STATE ROUTE INTERSECTIONS

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

GENERAL NOTES:

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

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

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

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

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

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 6

STATE OF MISSOURI
CAMERON SCOTT BODY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/26
CAMERON BODY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

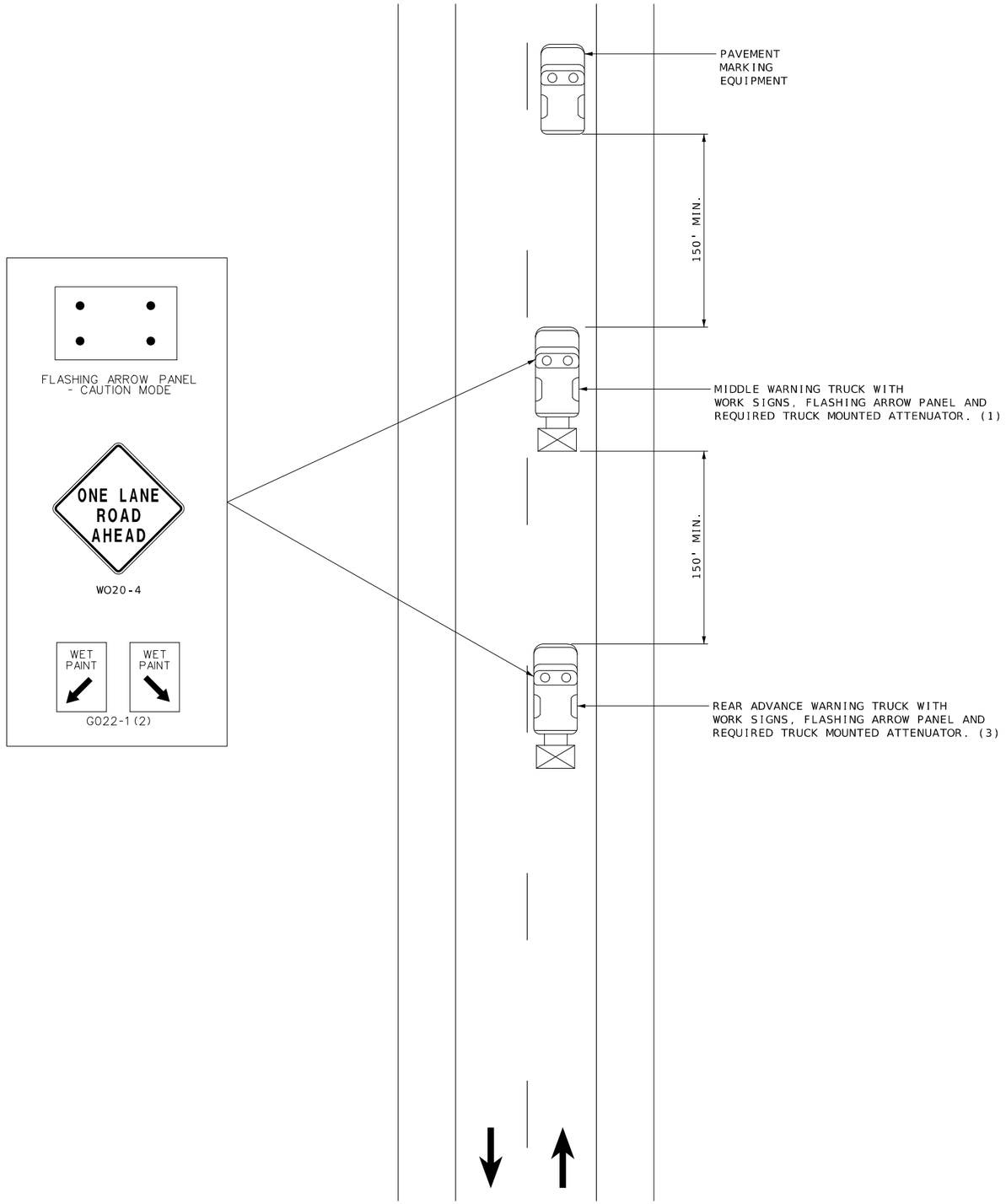
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

REVISED: 2/19/2026



PAVEMENT MARKING ON TWO-LANE HIGHWAY

NOTES:

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

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

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

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

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

(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

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/26
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
VERNON

JOB NO.
JSR0161

CONTRACT ID.

PROJECT NO.

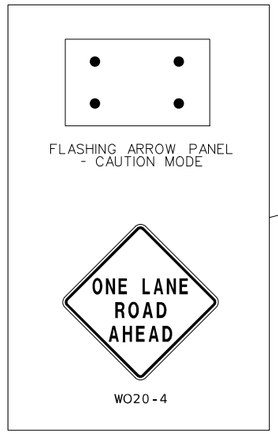
BRIDGE NO.

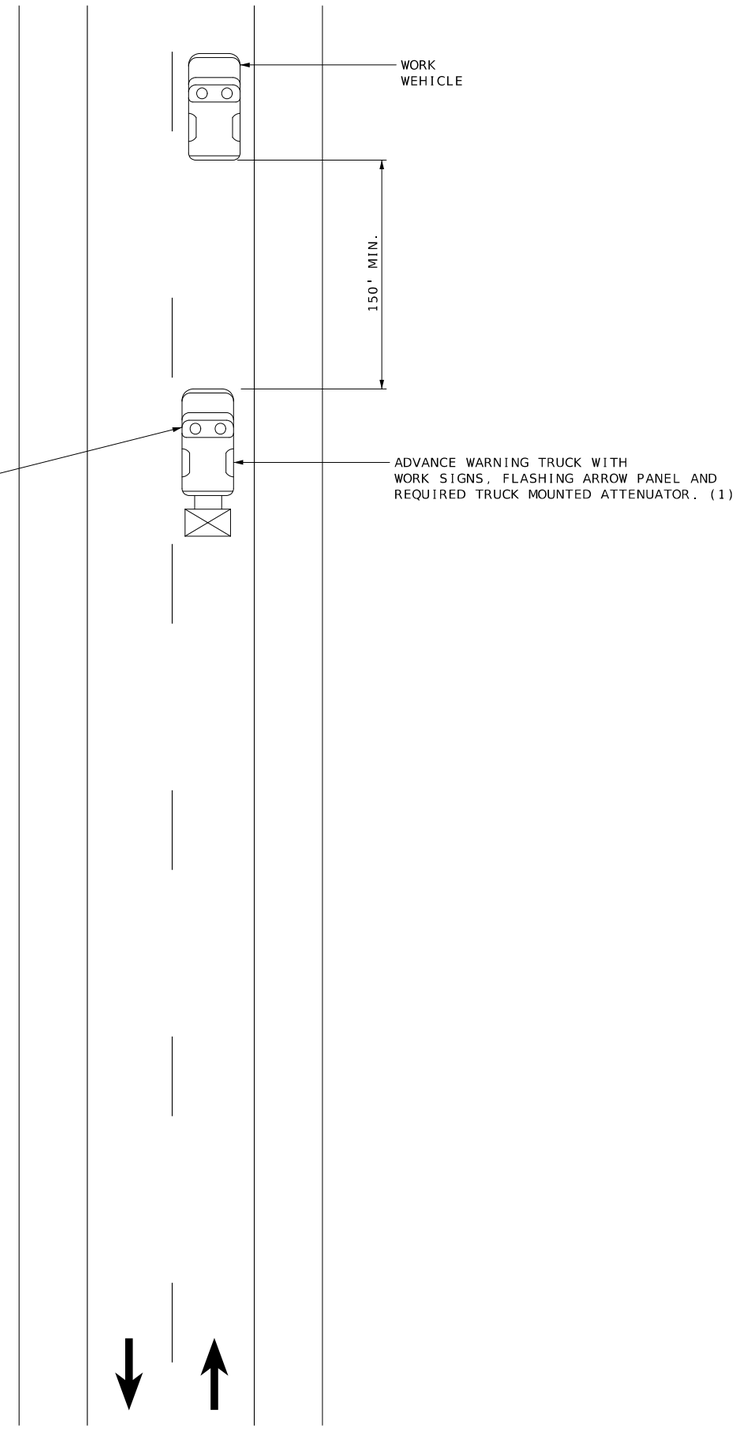
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026





MOBILE OPERATION ON TWO-LANE HIGHWAY

NOTES:

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

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

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

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

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

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 6

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/47
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
K	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
VERNON

JOB NO.
JSR0161

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)

DESIGN DESIGNATION

A.A.D.T. CONST. - 2026 = 3355
A.A.D.T. DESIGN - 2046 = 5303
DHV(N/S) = 51.8% / 48.2%
T = 14.12%
V = 45/65 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	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	-V-	
WOVEN WIRE	-X-	
GATE POST		
BENCHMARK	BM	

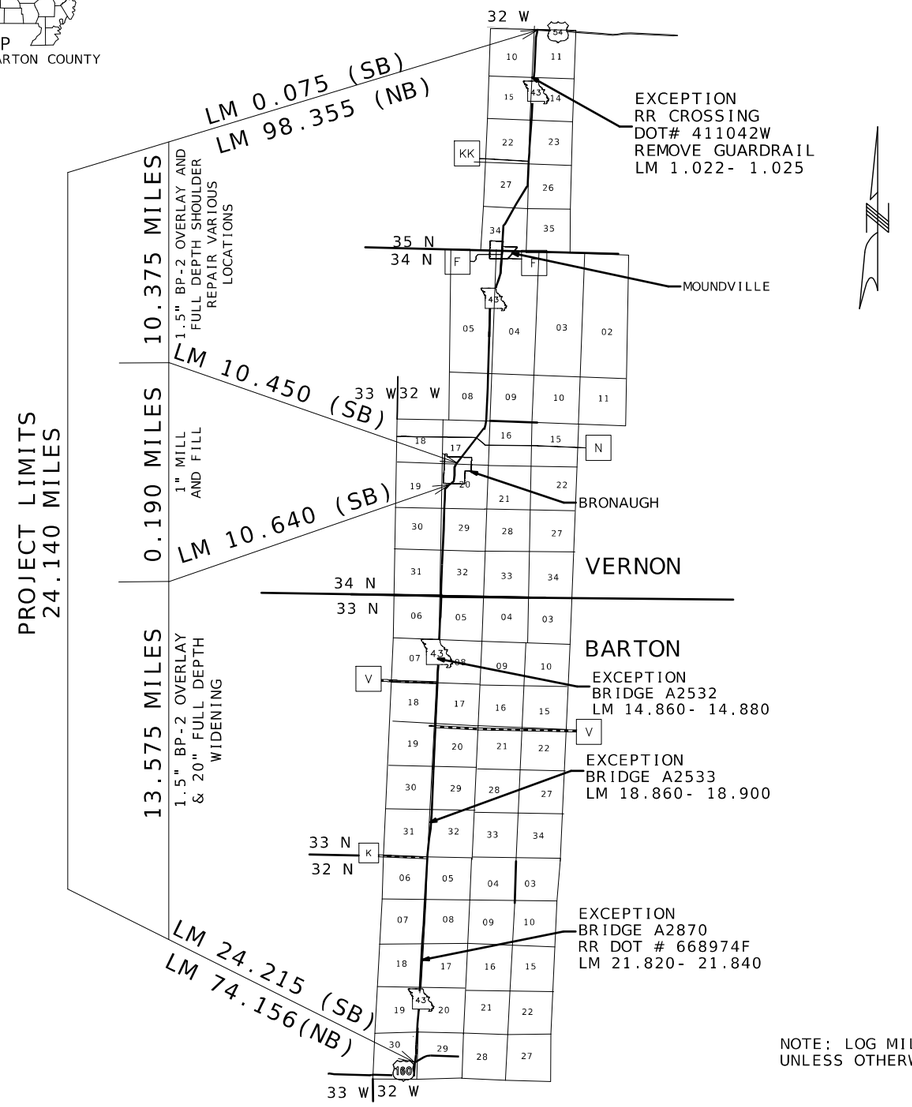
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

VERNON/BARTON COUNTY

KEY MAP
LOCATION OF VERNON/BARTON COUNTY



NOT TO SCALE

NOTE: LOG MILES ARE SB UNLESS OTHERWISE NOTED

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) (5 SHEETS)	3
SPECIAL SHEETS (SS)	4-11
TRAFFIC CONTROL SHEETS (TC)	12-18
SIGNING (SN)	19-20

LENGTH OF PROJECT

LOG MILES FROM 2024 ARAN

BEGINNING OF PROJECT	LM.	0.075	
END OF PROJECT	LM.	24.215	
APPARENT LENGTH		24.140	MILES
EQUATIONS AND EXCEPTIONS:			
RR CROSSING	LM.	1.022 - 1.025	
A2532	LM.	14.860 - 14.880	
A2533	LM.	18.860 - 18.900	
A2870	LM.	21.820 - 21.840	
TOTAL CORRECTIONS		0.083	MILES
NET LENGTH OF PROJECT		24.057	MILES
STATE LENGTH		24.057	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES		0.0	ACRES

STATE OF MISSOURI
CAMERON SCOTT BOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/47
CAMERON BOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
VERNON/BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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

SURFACE PLACEMENT - ONE PASS PER LANE

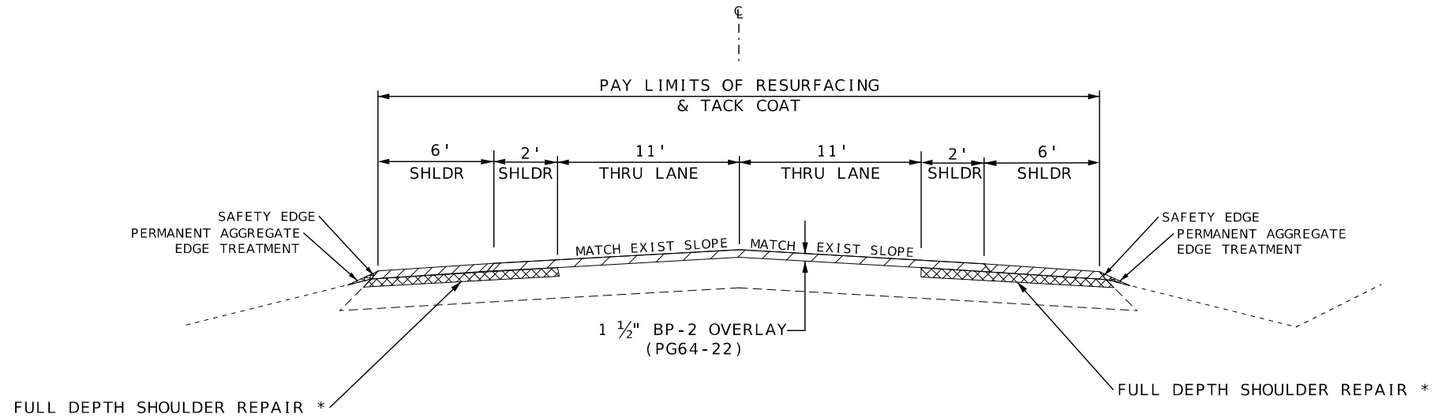
NO S.E. CORRECTION

ASPHALT FACTORS	COMBINED FACTOR
BP-2 (PG64-22)	1.965 TONS/CY
SL (PG64-22)	1.970 TONS/CY
BIT BASE (PG64-22)	1.975 TONS/CY
BP-1	1.980 TONS/CY

TACK COAT	
NEW PAVEMENT	0.05 GAL/SY
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



ROUTE 43

LOG MILE 0.075 TO LOG MILE 1.022
LOG MILE 1.025 TO LOG MILE 10.450
LOG MILE 10.640 TO LOG MILE 10.779

* NOTE:
A2 SHOULDER REPAIR AT VARIOUS LOCATIONS
SEE SPECIAL SHEET 8 OF 8

TYPICAL SECTIONS
SHEET 1 OF 6

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/02/2026
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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

SURFACE PLACEMENT - ONE PASS PER LANE

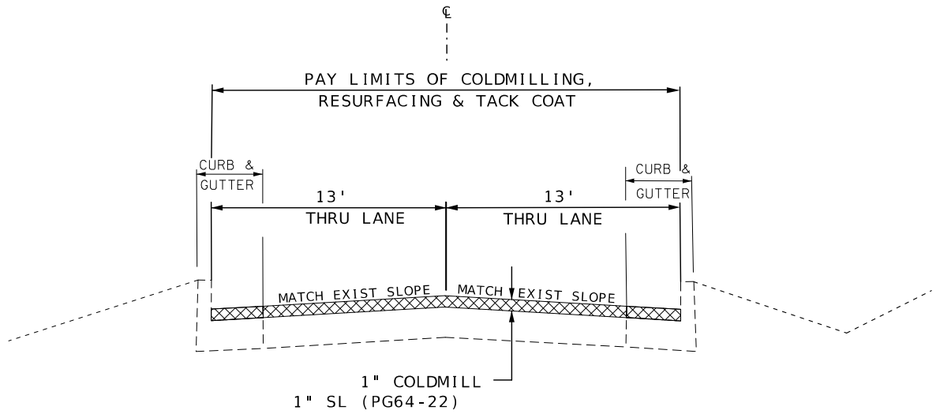
NO S.E. CORRECTION

ASPHALT FACTORS	COMBINED FACTOR
BP-2 (PG64-22)	1.965 TONS/CY
SL (PG64-22)	1.970 TONS/CY
BIT BASE (PG64-22)	1.975 TONS/CY
BP-1	1.980 TONS/CY

TACK COAT	
NEW PAVEMENT	0.05 GAL/SY
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



ROUTE 43

LOG MILE 10.450 TO LOG MILE 10.640

TYPICAL SECTIONS
SHEET 2 OF 6

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/2/2026
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON/BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

SURFACE PLACEMENT - ONE PASS PER LANE

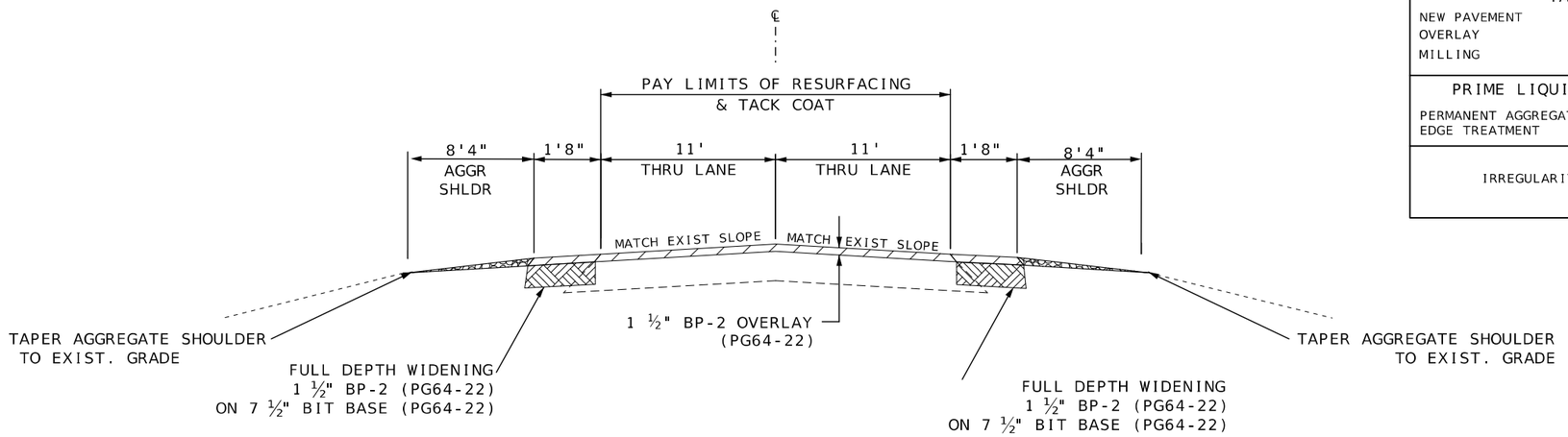
NO S.E. CORRECTION

ASPHALT FACTORS	COMBINED FACTOR
BP-2 (PG64-22)	1.965 TONS/CY
SL (PG64-22)	1.970 TONS/CY
BIT BASE (PG64-22)	1.975 TONS/CY
BP-1	1.980 TONS/CY

TACK COAT	
NEW PAVEMENT	0.05 GAL/SY
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

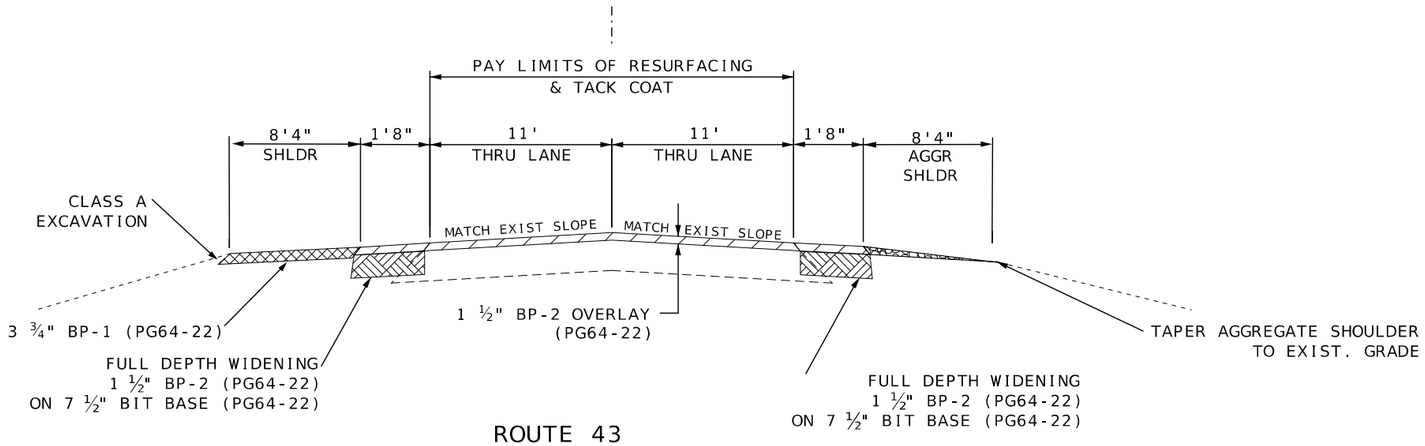


ROUTE 43

LOG MILE 10.779 TO LOG MILE 14.860
LOG MILE 14.880 TO LOG MILE 18.860
LOG MILE 18.900 TO LOG MILE 24.002
LOG MILE 24.191 TO LOG MILE 24.215

BITUMINOUS PAVEMENT

AGGR SHOULDER



ROUTE 43

LOG MILE 24.002 TO LOG MILE 24.191

TYPICAL SECTIONS
SHEET 3 OF 6

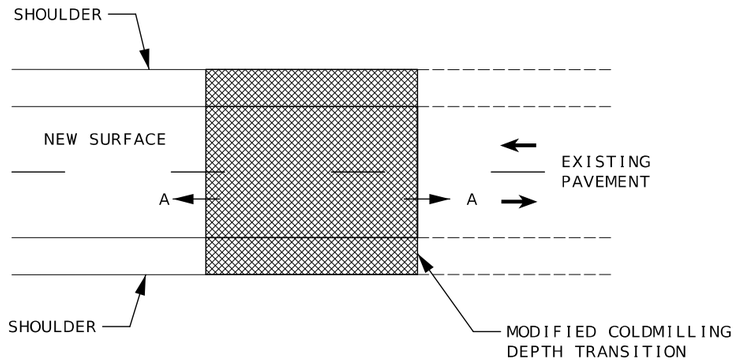
STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/2026 10:10:48
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED: 7/2/2026
ROUTE: 43 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: VERNON / BARTON
JOB NO.: JSR0162
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

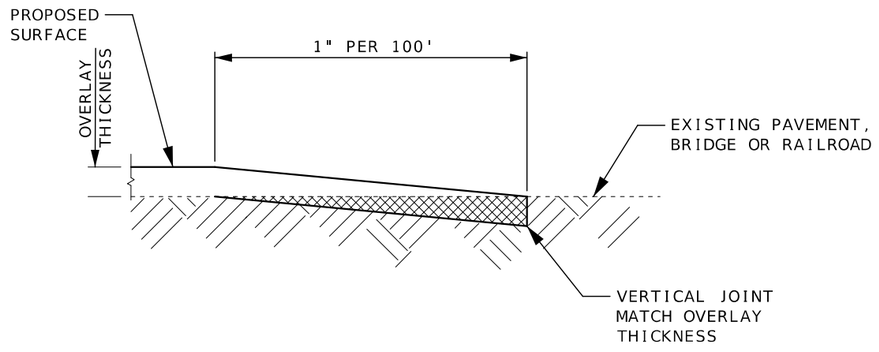
DESCRIPTION | DATE

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

REVISED: 3/7/2023



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 SECTIONS
SHEET 4 OF 6

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/2048
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

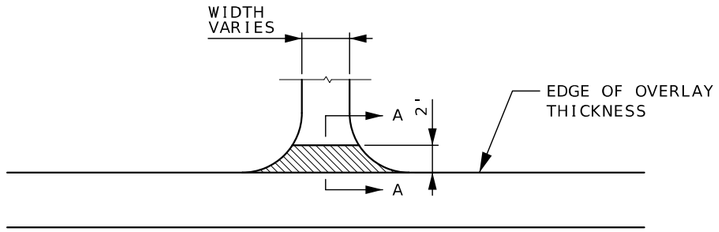
BRIDGE NO.

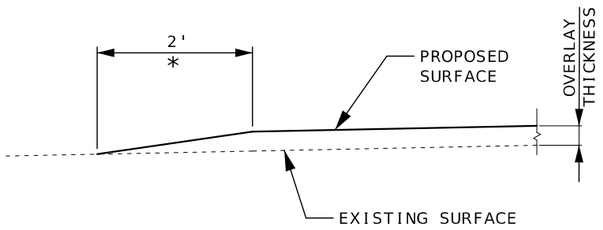
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 3/7/2023



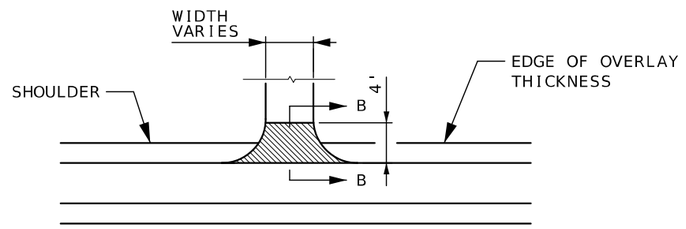


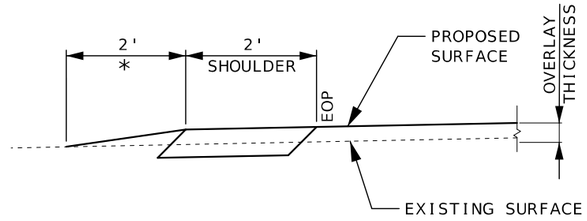
SECTION A-A

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

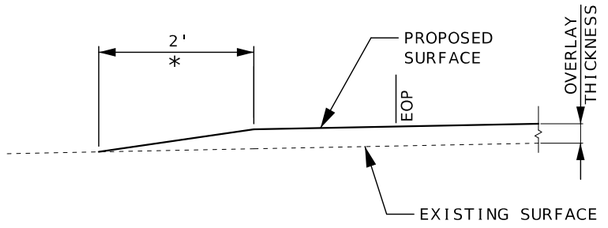
NOTE: 4 TONS GRAVEL A OR CRUSHED STONE
CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.





AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

SECTION B-B

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

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

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

6 TONS CALCULATED PER COUNTY ROAD.

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/2048
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

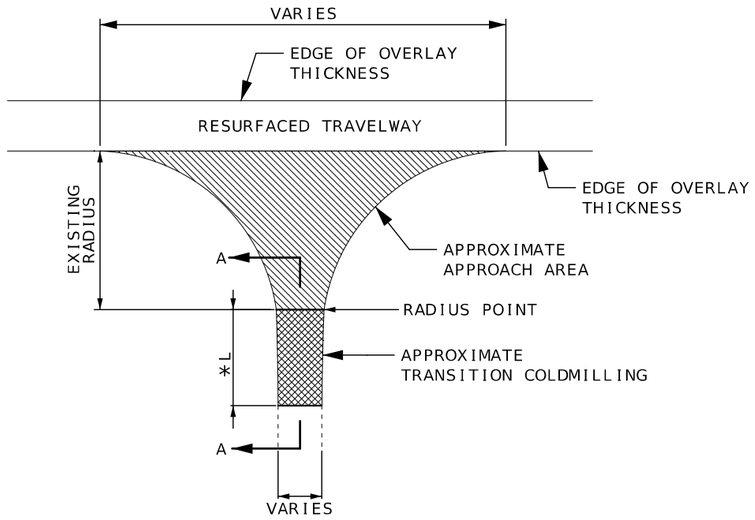
PROJECT NO.

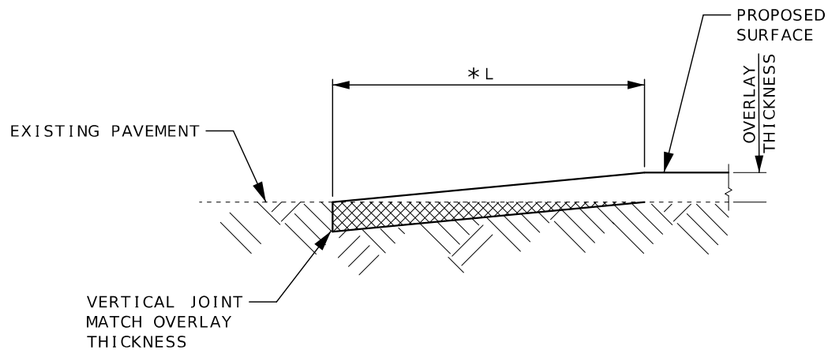
BRIDGE NO.

DESCRIPTION	DATE

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

REVISED: 8/26/2024



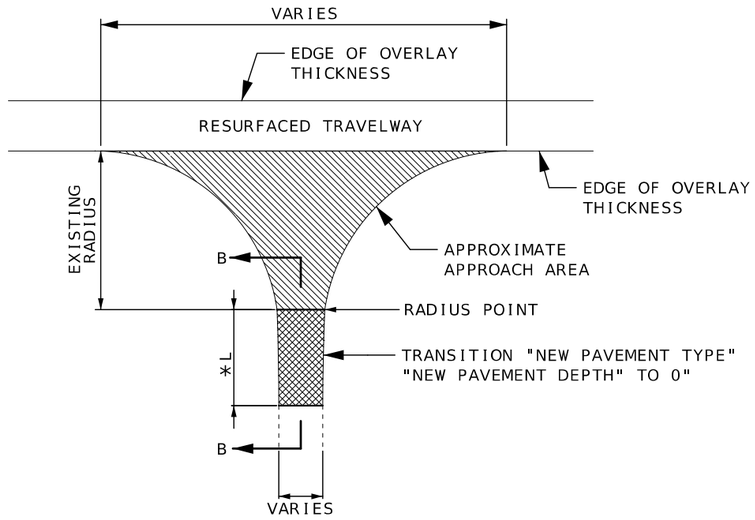


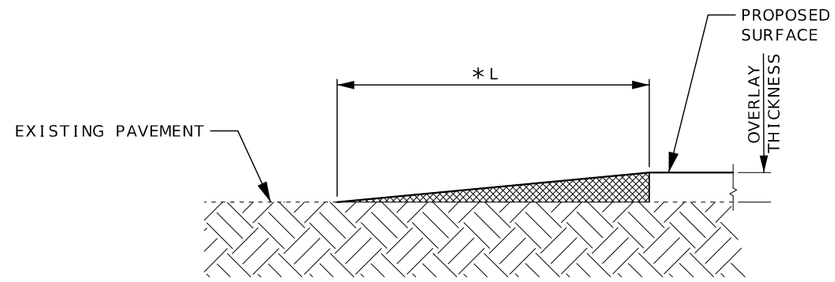
SECTION A-A

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

*TRANSITION LENGTHS

OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 ¾"	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 ½"	40.0'
1 ¾"	50.0'
2"	60.0'

TYPICAL SECTIONS
SHEET 6 OF 6

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/2048
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ASPHALT

ROUTE LT/RT	LOG MILE	TO	LOG MILE	NET LENGTH LF	MAINLINE WIDTH LF	LT & RT SHLDRS WIDTH LF	BIT PVMT MIX 64-22 (BASE WIDENING) 1.975 TONS	BP-2 1.965 TONS	BP-1 1.970 TONS	SL 1.970 TONS	REMARKS
43	0.075	-	1.022	5000.2	26.0	12.0		1728.5			BEGIN PROJECT TO RR EXCEPTION
43	1.025	-	10.450	49764.0	26.0	12.0		17203.1			RR EXCEPTION TO BEGIN EXIST C & G IN BRONAUGH
43 LT	VAR	-	VAR	2000.0		6.0					NB SHLDR FULL DEPTH REPLACEMENT APPROX LENGTH VAR LOCATIONS 2000 LF TOTAL
43 RT	VAR	-	VAR	3500.0		6.0					SB SHLDR FULL DEPTH REPLACEMENT APPROX LENGTH VAR LOCATIONS 3500 LF TOTAL
43	10.450	-	10.640	1003.2	26.0					158.6	THROUGH CURB AND GUTTER IN BRONAUGH
43	10.640	-	10.779	733.9	26.0	12.0		253.7			FROM END C& G IN BRONAUGH TO END OF EXIST ASPH SHLDRS/BEGIN FULL DEPTH WIDENING
43	10.779	-	14.860	21547.7	26.0			5096.6			MAINLINE - FROM BEGIN FULL DEPTH WIDENING TO BEGIN BRIDGE A2532
43	14.880	-	18.860	21014.4	26.0			4970.5			MAINLINE - FROM END OF BRIDGE A2532 TO BEGIN OF BRIDGE A2533
43	18.900	-	21.820	15417.6	26.0			3646.7			MAINLINE - FROM END OF BRIDGE A2533 TO BEGIN OF BRIDGE 42870
43	21.840	-	24.191	12413.3	26.0			2936.1			MAINLINE - FROM END OF BRIDGE A2870 TO RADII AT 160
43	10.779	-	14.860	21547.7		16.7					1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES- BEGIN AGG SHLDR, UP TO A2532
43	14.880		18.860	21014.4		16.7					1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES - FROM A2532 TO A2533
43	18.900		21.820	15417.6		16.7					1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES - FROM A2533 TO A2870
43	21.840		24.215	12540.0		16.7					1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES - FROM A2870 TO RTE. 160
43 LT	10.779	-	14.860	21547.7		1.7	1678.9	333.2			NB- 20" WIDE FULL DEPTH BASE WIDENING FROM BEGIN OF WIDENING TO A2532
43 LT	14.880	-	18.860	21014.4		1.7	1637.4	325.0			NB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2532 TO A2533
43 LT	18.900	-	21.820	15417.6		1.7	1201.3	238.4			NB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2533 TO A2870
43 LT	21.840	-	24.215	12540.0		1.7	977.1	193.9			NB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2870 TO RTE 160
43 RT	10.779	-	14.860	21547.7		1.7	1678.9	333.2			SB- 20" WIDE FULL DEPTH BASE WIDENING FROM BEGIN OF WIDENING TO A2532
43 RT	14.880	-	18.860	21014.4		1.7	1637.4	325.0			SB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2532 TO A2533
43 RT	18.900	-	21.820	15417.6		1.7	1201.3	238.4			SB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2533 TO A2870
43 RT	21.840	-	24.215	12540.0		1.7	977.1	193.9			SB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2870 TO RTE.160
43	24.191	-	24.215	VAR	VAR			73.3			COLDMILL FULL DEPTH FROM RADII TO EOP 160
43	0.083	-	10.450	54722.8	26.0	12.0		777.5			75 TONS / MILE FOR IRREGULARITIES NORTH OF BRONAUGH
43	10.779	-	24.215	70512.1	26.0			1007.7			75 TONS / MILE FOR IRREGULARITIES SOUTH OF BRONAUGH
43 LT/RT	0.075	-	1.022	5000.2				5.7			SAFETY EDGE NORTH OF BRONAUGH BEGIN OF PROJECT TO RR EXCEPTION
43 LT/RT	1.025		10.450	49764.0				56.6			SAFETY EDGE NORTH OF BRONAUGH RR EXCEPTION TO BEGIN EXIST C & G IN BRONAUGH
43 LT/RT	10.779	-	14.860	21547.7				24.5			SAFETY EDGE SOUTH OF BRONAUGH BEGIN OF FULL DEPTH WIDENING TO A2532
43 LT/RT	14.880		18.860	21014.4				23.9			SAFETY EDGE SOUTH OF BRONAUGH FROM A2532 TO A2533
43 LT/RT	18.900		21.820	15417.6				17.5			SAFETY EDGE SOUTH OF BRONAUGH FROM A2533 TO A2870
43 LT/RT	21.840		24.215	12540.0				14.3			SAFETY EDGE SOUTH OF BRONAUGH FROM A2870 TO RTE. 160
43 LT	24.002	-	24.191	1000.0		8.3		75.5	189.2		LT SHOULDER DRIVING SURFACE FOR NB LANE SHIFT DUE TO TRANSVERSE RUMBLE REPLACEMENT
						TOTAL	10989.4	40092.7	189.2	158.6	NOTE: DISPOSE OF EXCESS MATERIAL OFF OF MODOT RIGHT OF WAY
						USE	10989.4	40092.7	189.2	158.6	AT CONTRACTORS EXPENSE

MOBILIZATION
1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

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

REMOVAL OF IMPROVEMENT

ROUTE	LOG MILE	TO	LOG MILE	LOCATION	DESCRIPTION	QUANTITY	REMARKS
43	0.997	-	1.022		GUARDRAIL	1.0	RR CROSSING
43	1.022	-	0.341		GUARDRAIL	1.0	RR CROSSING
43	24.084	-	24.090		TRANSVERSE RUMBLE STRIP	1.0	
43	24.139	-	24.145		TRANSVERSE RUMBLE STRIP	1.0	
				USE (LUMP SUM)		1	

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/26 10:10:48
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
43	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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 1 OF 5

AGGREGATE, TACK, SHOULDER, & EXCAVATION

ROUTE LT/RT	LOG MILE	TO	LOG MILE	NET LENGTH LF	MAINLINE WIDTH LF	LT & RT SHLDRS WIDTH LF	TYPE 1 AGGREGATE PAY ITEM 3409910 CY	TACK 0.05 GAL	TACK 0.08 GAL	TACK 0.10 GAL	A2 SHOULDER SY	CLASS A EXCAVATION CY	REMARKS
43	0.075	-	1.022	5000.2	26.0	12.0			1689.0				BEGIN PROJECT TO RR EXCEPTION
43	1.025	-	10.450	49764.0	26.0	12.0			16809.2				RR EXCEPTION TO BEGIN EXIST C & G IN BRONAUGH
43 LT	VAR	-	VAR	2000.0		6.0					1333.3	213.0	NB SHLDR FULL DEPTH REPLACEMENT APPROX LENGTH VAR LOCATIONS 2000 LF TOTAL
43 RT	VAR	-	VAR	3500.0		6.0					2333.3	372.7	SB SHLDR FULL DEPTH REPLACEMENT APPROX LENGTH VAR LOCATIONS 3500 LF TOTAL
43	10.450	-	10.640	1003.2	26.0					289.8			THROUGH CURB AND GUTTER IN BRONAUGH
43	10.640	-	10.779	733.9	26.0	12.0			247.9				FROM END C& G IN BRONAUGH TO END OF EXIST ASPH SHLDRS/BEGIN FULL DEPTH WIDENING
43	10.779	-	14.860	21547.7	26.0				4979.9				MAINLINE - FROM BEGIN FULL DEPTH WIDENING TO BEGIN BRIDGE A2532
43	14.880	-	18.860	21014.4	26.0				4856.7				MAINLINE - FROM END OF BRIDGE A2532 TO BEGIN OF BRIDGE A2533
43	18.900	-	21.820	15417.6	26.0				3563.2				MAINLINE - FROM END OF BRIDGE A2533 TO BEGIN OF BRIDGE 42870
43	21.840	-	24.191	12413.3	26.0				2868.9				MAINLINE - FROM END OF BRIDGE A2870 TO RADII AT 160
43	10.779	-	14.860	21547.7		16.7	831.3						1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES- BEGIN AGG SHLDR, UP TO A2532
43	14.880		18.860	21014.4		16.7	810.7						1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES - FROM A2532 TO A2533
43	18.900		21.820	15417.6		16.7	594.8						1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES - FROM A2533 TO A2870
43	21.840		24.215	12540.0		16.7	483.8						1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES - FROM A2870 TO RTE. 160
43 LT	10.779	-	14.860	21547.7		1.7		203.5				847.9	NB- 20" WIDE FULL DEPTH BASE WIDENING FROM BEGIN OF WIDENING TO A2532
43 LT	14.880	-	18.860	21014.4		1.7		198.5				827.0	NB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2532 TO A2533
43 LT	18.900	-	21.820	15417.6		1.7		145.6				606.7	NB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2533 TO A2870
43 LT	21.840	-	24.215	12540.0		1.7		118.4				493.5	NB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2870 TO RTE 160
43 RT	10.779	-	14.860	21547.7		1.7		203.5				847.9	SB- 20" WIDE FULL DEPTH BASE WIDENING FROM BEGIN OF WIDENING TO A2532
43 RT	14.880	-	18.860	21014.4		1.7		198.5				827.0	SB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2532 TO A2533
43 RT	18.900	-	21.820	15417.6		1.7		145.6				606.7	SB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2533 TO A2870
43 RT	21.840	-	24.215	12540.0		1.7		118.4				493.5	SB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2870 TO RTE.160
43	24.191	-	24.215	VAR	VAR					89.5			COLDMILL FULL DEPTH FROM RADII TO EOP 160
43	0.083	-	10.450	54722.8	26.0	12.0							75 TONS / MILE FOR IRREGULARITIES NORTH OF BRONAUGH
43	10.779	-	24.215	70512.1	26.0								75 TONS / MILE FOR IRREGULARITIES SOUTH OF BRONAUGH
43 LT/RT	0.075	-	1.022	5000.2									SAFETY EDGE NORTH OF BRONAUGH BEGIN OF PROJECT TO RR EXCEPTION
43 LT/RT	1.025		10.450	49764.0									SAFETY EDGE NORTH OF BRONAUGH RR EXCEPTION TO BEGIN EXIST C & G IN BRONAUGH
43 LT/RT	10.779	-	14.860	21547.7									SAFETY EDGE SOUTH OF BRONAUGH BEGIN OF FULL DEPTH WIDENING TO A2532
43 LT/RT	14.880		18.860	21014.4									SAFETY EDGE SOUTH OF BRONAUGH FROM A2532 TO A2533
43 LT/RT	18.900		21.820	15417.6									SAFETY EDGE SOUTH OF BRONAUGH FROM A2533 TO A2870
43 LT/RT	21.840		24.215	12540.0									SAFETY EDGE SOUTH OF BRONAUGH FROM A2870 TO RTE. 160
43 LT	24.002	-	24.191	1000.0		8.3		46.1				57.6	LT SHOULDER DRIVING SURFACE FOR NB LANE SHIFT DUE TO TRANSVERSE RUMBLE REPLACEMENT
						TOTAL	2720.6	1378.1	35014.8	379.3	3666.6	6193.5	NOTE: DISPOSE OF EXCESS MATERIAL OFF OF MODOT RIGHT OF WAY
						USE	2721		36773		3666.6	6194	AT CONTRACTORS EXPENSE

PERMANENT AGGREGATE EDGE TREATMENT

ROUTE	LOG MILE	TO	LOG MILE	LENGTH MILES	AGGREGATE 200 TON/MILE* TON	PRIME MC 800 590 GAL/MILE* GAL	REMARKS
43	0.075		1.022	0.947	189.4	559	ALONG 1.5" BP-2 ACROSS MAINLINE & 6' SHOULDERS N. OF BRONAUGH FROM BEGIN TO RR EXCEPTION
43	1.025	-	10.450	9.425	1885.0	5561	ALONG 1.5" BP-2 ACROSS MAINLINE & 6' SHOULDERS N. OF BRONAUGH FROM RR EXCEPTION TO C&G
				TOTALS	2074.4	6120	*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/2/2026 10:10:48
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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

COLDMILLING

ROUTE LT/RT	LOG MILE	TO	LOG MILE	NET LENGTH LF	MAINLINE WIDTH LF	LT & RT SHLDRS WIDTH LF	COLDMILLING DEPTH TRANSITION	COLDMILLING 3 IN THICK OR LESS SY	REMARKS
43	0.075	-	1.022	5000.2	26.0	12.0	1266.7		BEGIN PROJECT TO RR EXCEPTION
43	1.025	-	10.450	49764.0	26.0	12.0	1266.7		RR EXCEPTION TO BEGIN EXIST C & G IN BRONAUGH
43 LT	VAR	-	VAR	2000.0		6.0			NB SHLDR FULL DEPTH REPLACEMENT APPROX LENGTH VAR LOCATIONS 2000 LF TOTAL
43 RT	VAR	-	VAR	3500.0		6.0			SB SHLDR FULL DEPTH REPLACEMENT APPROX LENGTH VAR LOCATIONS 3500 LF TOTAL
43	10.450	-	10.640	1003.2	26.0			2898.1	THROUGH CURB AND GUTTER IN BRONAUGH
43	10.640	-	10.779	733.9	26.0	12.0	633.3		FROM END C& G IN BRONAUGH TO END OF EXIST ASPH SHLDRS/BEGIN FULL DEPTH WIDENING
43	10.779	-	14.860	21547.7	26.0		433.3		MAINLINE - FROM BEGIN FULL DEPTH WIDENING TO BEGIN BRIDGE A2532
43	14.880	-	18.860	21014.4	26.0		433.3		MAINLINE - FROM END OF BRIDGE A2532 TO BEGIN OF BRIDGE A2533
43	18.900	-	21.820	15417.6	26.0		433.3		MAINLINE - FROM END OF BRIDGE A2533 TO BEGIN OF BRIDGE 42870
43	21.840	-	24.191	12413.3	26.0		433.3		MAINLINE - FROM END OF BRIDGE A2870 TO RADII AT 160
43	10.779	-	14.860	21547.7		16.7			1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES- BEGIN AGG SHLDR, UP TO A2532
43	14.880		18.860	21014.4		16.7			1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES - FROM A2532 TO A2533
43	18.900		21.820	15417.6		16.7			1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES - FROM A2533 TO A2870
43	21.840		24.215	12540.0		16.7			1.5" WEDGE 8'-4" WIDE ON EXISTING AGG SHLDRS, BOTH SIDES - FROM A2870 TO RTE. 160
43 LT	10.779	-	14.860	21547.7		1.7			NB- 20" WIDE FULL DEPTH BASE WIDENING FROM BEGIN OF WIDENING TO A2532
43 LT	14.880	-	18.860	21014.4		1.7			NB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2532 TO A2533
43 LT	18.900	-	21.820	15417.6		1.7			NB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2533 TO A2870
43 LT	21.840	-	24.215	12540.0		1.7			NB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2870 TO RTE 160
43 RT	10.779	-	14.860	21547.7		1.7			SB- 20" WIDE FULL DEPTH BASE WIDENING FROM BEGIN OF WIDENING TO A2532
43 RT	14.880	-	18.860	21014.4		1.7			SB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2532 TO A2533
43 RT	18.900	-	21.820	15417.6		1.7			SB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2533 TO A2870
43 RT	21.840	-	24.215	12540.0		1.7			SB- 20" WIDE FULL DEPTH BASE WIDENING FROM A2870 TO RTE.160
43	24.191	-	24.215	VAR	VAR		433.3	849.0	COLDMILL FULL DEPTH FROM RADII TO EOP 160
43	0.083	-	10.450	54722.8	26.0	12.0			75 TONS / MILE FOR IRREGULARITIES NORTH OF BRONAUGH
43	10.779	-	24.215	70512.1	26.0				75 TONS / MILE FOR IRREGULARITIES SOUTH OF BRONAUGH
43 LT/RT	0.075	-	1.022	5000.2					SAFETY EDGE NORTH OF BRONAUGH BEGIN OF PROJECT TO RR EXCEPTION
43 LT/RT	1.025		10.450	49764.0					SAFETY EDGE NORTH OF BRONAUGH RR EXCEPTION TO BEGIN EXIST C & G IN BRONAUGH
43 LT/RT	10.779	-	14.860	21547.7					SAFETY EDGE SOUTH OF BRONAUGH BEGIN OF FULL DEPTH WIDENING TO A2532
43 LT/RT	14.880		18.860	21014.4					SAFETY EDGE SOUTH OF BRONAUGH FROM A2532 TO A2533
43 LT/RT	18.900		21.820	15417.6					SAFETY EDGE SOUTH OF BRONAUGH FROM A2533 TO A2870
43 LT/RT	21.840		24.215	12540.0					SAFETY EDGE SOUTH OF BRONAUGH FROM A2870 TO RTE. 160
43 LT	24.002	-	24.191	1000.0		8.3			LT SHOULDER DRIVING SURFACE FOR NB LANE SHIFT DUE TO TRANSVERSE RUMBLE REPLACEMENT
						TOTAL	5333.2	3747.1	NOTE: DISPOSE OF EXCESS MATERIAL OFF OF MODOT RIGHT OF WAY
						USE	5334	3748	AT CONTRACTORS EXPENSE

TRANSVERSE CONCRETE RUMBLE STRIP PANELS

LOG MILE	TO	LOG MILES	LOCATION	TYPE 5 AGG FOR BASE (6" THICK) SY	CONCRETE PAVEMENT (8" NON-REINF) SY	FULL DEPTH PVMNT REPAIR SAWCUT (FOR PERIMETER & INTERNAL SAW CUTS) LF	REMARKS
24.084	-	24.090	SB NEAR 160	43.3	43.3	260.0	30' X 13' TRANSVERSE RUMBLE STRIP
24.139	-	24.145	SB NEAR 160	43.3	43.3	260.0	30' X 13' TRANSVERSE RUMBLE STRIP
			TOTAL	86.6	86.6	520.0	NO DIRECT PAY FOR TOOLING THE GROOVES INTO THE WET CONCRETE PANELS
			USE	87	87	520	

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/2026
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE 43 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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

PAVEMENT MARKING

ROUTE	LOG MILE	TO	LOG MILE	LOCATION	CLASS 1, TYPE P BEADS			THERMOPLASTIC		REMARKS
					4" SOLID WHITE	4" INT YELLOW	4" SOLID YELLOW	24 INCH WHITE	RR PAVEMENT MARKING	
					LF	LF	LF	LF	EACH	
43	0.083	-	0.162		830.0		830.0			
43	0.162	-	0.341		1890.0	237.5	950.0			
43	0.341	-	0.821		5070.0	632.5				
43	0.821	-	1.401		6120.0	765.0	3060.0			
43	1.401	-	1.701		3170.0	395.0				
43	1.701	-	2.141		4650.0	580.0	2320.0			
43	2.141	-	3.181		10980.0	1372.5				
43	3.181	-	3.381		2110.0	265.0	1060.0			
43	3.381	-	3.582		2120.0		2120.0			
43	3.582	-	3.783		2120.0	265.0	1060.0			
43	3.783	-	4.403		6550.0	817.5				
43	4.403	-	4.602		2100.0	262.5	1050.0			
43	4.602	-	4.642		420.0		420.0			
43	4.642	-	4.840		2090.0	262.5	1050.0			
43	4.840		4.900		630.0	157.5				
43	4.900		5.140		2530.0	317.5	1270.0			
43	5.140		6.141		10570.0		10570.0			
43	6.141		6.400		2740.0	342.5	1370.0			
43	6.400		8.650		23760.0	2970.0				
43	8.650		8.920		2850.0	357.5	1430.0			
43	8.920		9.020		1060.0	132.5				
43	9.020		9.201		1910.0	240.0	960.0			
43	9.201		9.422		2330.0		2330.0			
43	9.422		9.662		2530.0	317.5	1270.0			
43	9.662		10.162		5280.0	660.0				
43	10.162		10.382		2320.0	290.0	1160.0			
43	10.382		11.260		9270.0		9270.0			
43	11.260		11.420		1690.0	210.0	840.0			
43	11.420		18.961		79630.0	9955.0				
43	18.961		19.200		2520.0	315.0	1260.0			
43	19.200		19.340		1480.0		1480.0			
43	19.340		19.600		2750.0	342.5	1370.0			
43	19.600		21.539		20480.0	2560.0				
43	21.539		21.799		2750.0	342.5	1370.0			
43	21.799		21.859		630.0		630.0			
43	21.859		22.079		2320.0	290.0	1160.0			
43	22.079		22.179		1060.0	132.5				
43	22.179		22.679		5280.0	660.0	2640.0			
43	22.679		23.459		8240.0	1030.0				
43	23.459		23.599		1480.0	185.0	740.0			
43	23.599		23.639		420.0	52.5				
43	23.639		23.878		2520.0	315.0	1260.0			
43	23.878		24.099		2330.0	292.5				
43	24.099		24.219		1270.0					
43 SB	0.841								1	
43 SB	0.851							12		
43 NB	97.218								1	
43 NB	97.228							12		
43	24.218							12		
				TOTALS	254850	28323	56300	36	2	
				USE	254850	84623		36	2	

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/xx/2026 10:10:48
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
43	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00	2	32.00				BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00	12	192.00				BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	26	416.00				UNEVEN LANES
WO8-12	48X48	16.00	26	416.00				NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	26	416.00				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	8	128.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	8	128.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	1	8.75				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	3	4.50				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	4	48.00				SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	2	64.00				POINT OF PRESENCE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL	1923
616-10.10 RELOCATED SIGNS	TOTAL	

EFFECTIVE: 07-01-2025

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	100	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400	2	TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

STATE OF MISSOURI
CAMERON SCOGY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/2025 10:10:48
CAMERON SCOGY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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 5 OF 5

START OF PROJECT
LM 0.075

END OF 150'
DEPTH TRANSITION
LM 0.103

1.5" BP-2 OVERLAY
CONTINUES UNTIL
DEPTH TRANSITION
BEFORE RR CROSSING
AT LM 0.994

LEGEND

1.5" BP-2 &
FULL DEPTH SHOULDER REPAIR
AT VARIOUS LOCATIONS

DEPTH TRANSITION (BP-2)

NOT TO SCALE

BEGINNING OF PROJECT

SPECIAL SHEET
SHEET 1 OF 8

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/49
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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)

1.5" BP-2 OVERLAY
CONTINUES BACK
UNTIL END OF
DEPTH TRANSITION
AT LM 0.103

REMOVAL OF GUARDRAIL
LM 0.997- 1.022

RR CROSSING
MNA
DOT # 411042

DEPTH TRANSITION
FOR RAILROAD CROSSING
LM 1.025- 1.053

DEPTH TRANSITION
FOR RAILROAD CROSSING
LM 0.994- 1.022

REMOVAL OF GUARDRAIL
LM 1.025- 1.040

1.5" BP-2 OVERLAY
CONTINUES UNTIL
BEFORE MILL AND FILL
DEPTH TRANSITION
AT LM 10.422

LEGEND

1.5" BP-2 OVERLAY &
FULL DEPTH SHOULDER REPAIR
AT VARIOUS LOCATIONS

DEPTH TRANSITION

RR CROSSING

NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 8

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/49
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

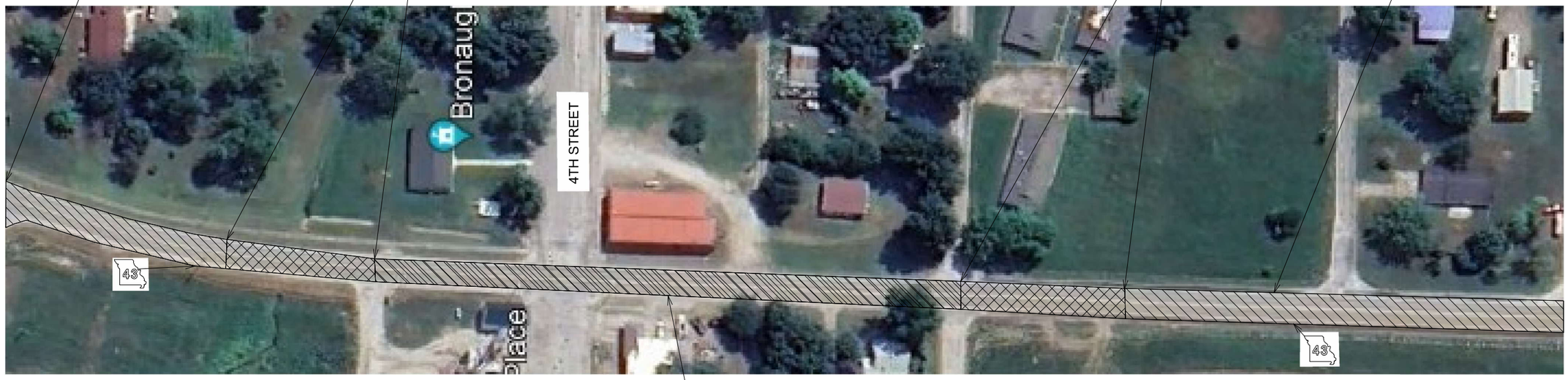
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

1.5" BP-2 OVERLAY CONTINUES BACK UNTIL END OF DEPTH TRANSITION AT LM 1.070

DEPTH TRANSITION FOR MILL/FILL LM 10.421- 10.450

DEPTH TRANSITION FOR MILL/FILL LM 10.640- 10.668

1.5" BP-2 OVERLAY CONTINUES UNTIL DEPTH TRANSITION AT LM 14.832



1" COLDMILLING
1" SL OVERLAY

1.5" BP-2 OVERLAY (64-22)

1" COLDMILLING/ 1" SL OVERLAY

DEPTH TRANSITION

MILL AND FILL THRU BRONAUGH

NOT TO SCALE

SPECIAL SHEET
SHEET 3 OF 8

STATE OF MISSOURI
CAMERON SODY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/49
CAMERON SODY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO

DISTRICT	SHEET NO.
SW	6

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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)

1.5" BP-2 OVERLAY
CONTINUES BACK
UNTIL END OF
DEPTH TRANSITION
AT LM 10.668

150' DEPTH TRANSITION
BEFORE BRIDGE A2532
LM 14.832- 14.860

BRIDGE A2532

150" DEPTH TRANSITION
AFTER BRIDGE A2532
LM 14.880-14.908

1.5" BP-2 OVERLAY
CONTINUES UNTIL
DEPTH TRANSITION
AT LM 18.832

LEGEND

1.5" BP-2 OVERLAY (64-22)

DEPTH TRANSITION

NOT TO SCALE

BRIDGE A2532

SPECIAL SHEET
SHEET 4 OF 8

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/49
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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)

LEGEND

1.5" BP-2 OVERLAY (64-22)

DEPTH TRANSITION

NOT TO SCALE

BRIDGE A2533

SPECIAL SHEET
SHEET 5 OF 8

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/2026 10:10:49
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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)

LEGEND

1.5" BP-2 OVERLAY (64-22)

DEPTH TRANSITION

NOT TO SCALE

BRIDGE A2870

SPECIAL SHEET
SHEET 6 OF 8

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/49
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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)

LEGEND

- 1.5" BP-2 OVERLAY
- DEPTH TRANSITION
- PAVED SHOULDER FOR LANE SHIFT
- 1.5" BP-2 MILL AND FILL

START OF PAVED SHOULDER WITH EXCAVATION LM 24.002

REPLACE TRANSVERSE RUMBLE STRIP LM 24.084 - LM 24.090

REPLACE TRANSVERSE RUMBLE STRIP LM 24.139 - LM 24.145

DEPTH TRANSITION LM 24.169

CONCRETE ISLAND (DND)

160 WB LM 315.66

END OF PAVED SHOULDER WITH EXCAVATION LM 24.191

MILL AND FILL LM 24.197

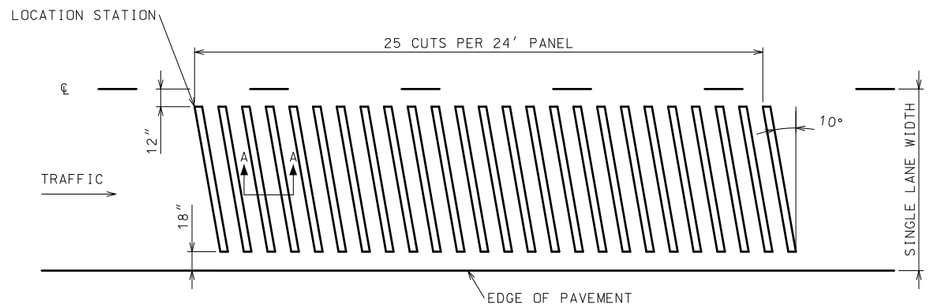
160 WB LM 315.56

RADIUS AND SHOULDER INCLUDED IN PROJECT

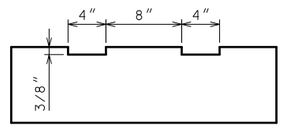
END OF PROJECT LM 24.215

NOT TO SCALE

TYPICAL TRANSVERSE RUMBLE STRIP DIMENSIONS



NOT TO SCALE



SECTION A-A

RUMBLE STRIP CUT IN NEW PCC

PAVEMENT DESIGN			
BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
6" TYPE 5 AGGREGATE BASE	N/A	8" PCCP NON-REINFORCED AT 15' JOINTS w/1.25" DOWELS	N/A

NOTE: SAW CUTS TO BE INCIDENTAL TO THE PROJECT UNDER THE COST FOR REMOVAL OF IMPROVEMENTS.

END OF PROJECT

SPECIAL SHEET
SHEET 7 OF 8

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/2/2026 10:10:49
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/2/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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)

START OF PROJECT

SB LM 0.00-0.09

SB LM 0.28-.032

SB LM 0.43- 0.71

SB LM 2.40- 2.98

SB LM 3.00- 3.14

SB LM 3.30- 3.50

SB LM 3.75- 4.15

SB LM 4.20- 4.35

SB LM 4.50- 4.70

SB LM 4.80- 5.20

SB LM 5.29- 5.67

SB LM 9.70- 9.90

SB LM 9.02- 9.62

NB LM 94.03-94.31

NB LM 93.10- 93.36

NB LM 92.43- 92.96

NB LM 98.23-98.38

NB LM 89.68-89.83

NB LM 89.03-89.27

NB LM 88.84-88.96

NOT TO SCALE

FULL DEPTH SHOULDER REPAIR

SPECIAL SHEET
SHEET 8 OF 8

STATE OF MISSOURI
CAMERON SCOTT SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/09/2026 10:49
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO

DISTRICT	SHEET NO.
SW	11

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

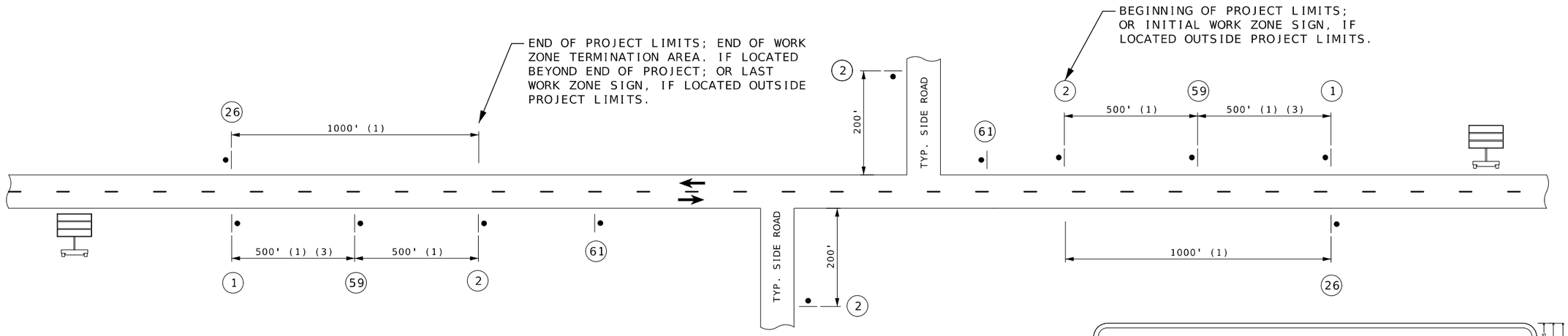
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GENERAL NOTES:

REVISED: 2/19/2026

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



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

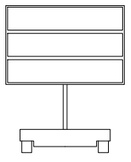
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

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

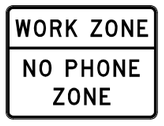
(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

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

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

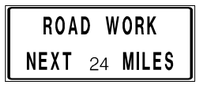


(4)



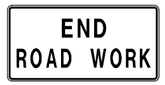
CONST-8

59 (3)



GO20-1

1 (5)

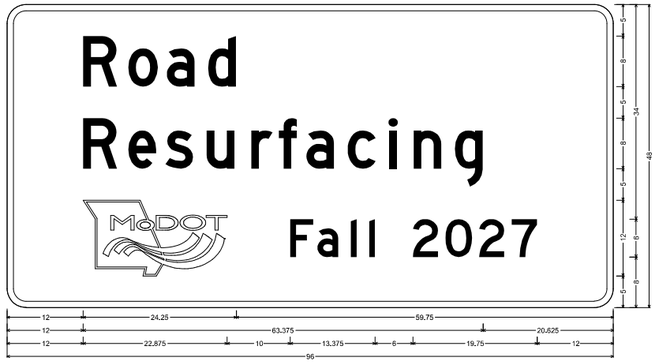


GO20-2

26 (5)

WO20-1

2



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

| | | |

REVISED: 2/19/2026

WO20-1

(2)

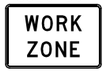
WO20-4

(7)

WO20-7a

(8)

GO20-5aP



R2-1

(54)

(4)

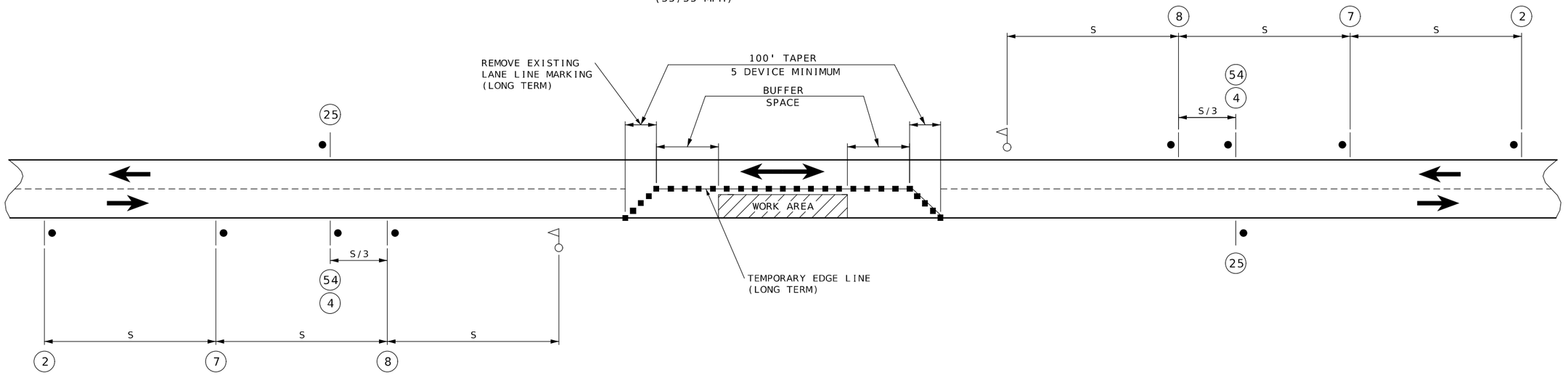
(35/55 MPH)

R2-1

(25)

(NORMAL SPEED)

(45/65 MPH)



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

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

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

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

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

SPACING NOTES:

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

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

• SIGN (SINGLE SIDED)

FLAGGER

■ CHANNELIZER

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 7

07/[illegible]/50
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

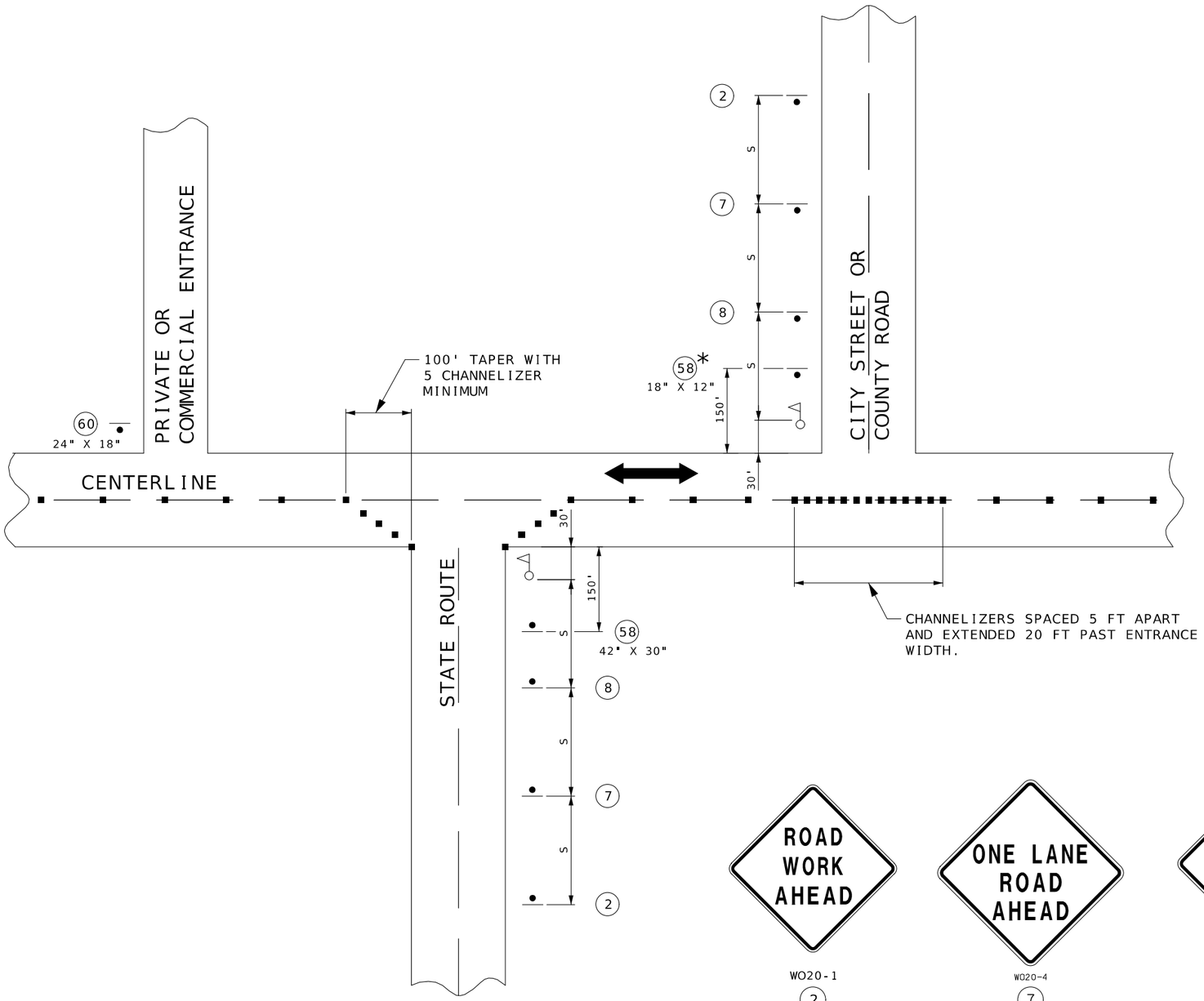
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026

SIDE ROADS ENTERING WORK ZONES



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

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

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

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

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

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

GO20-4a
(58)

SHALL BE USED ON ALL INTERSECTIONS.

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

24" X 18"
(60)

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

WO20-1
(2)

WO20-4
(7)

WO20-7a
(8)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 7

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/2026
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

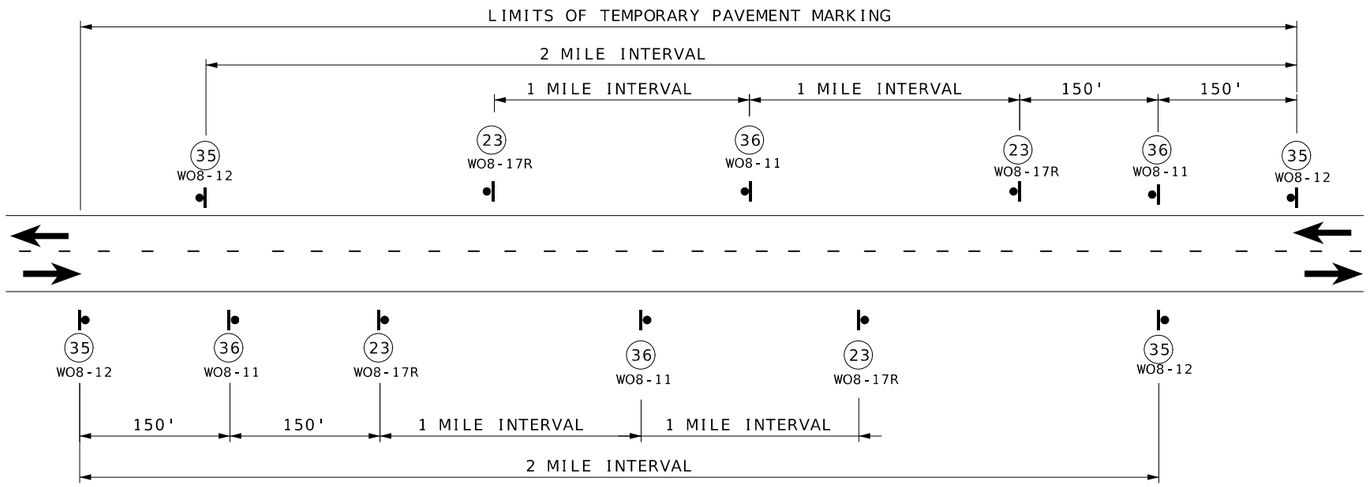
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

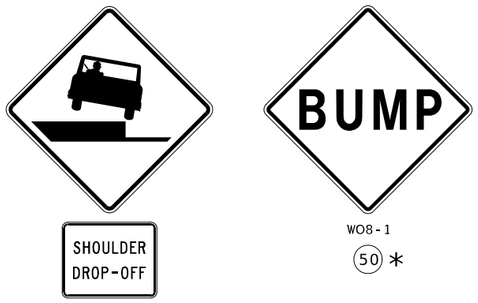
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

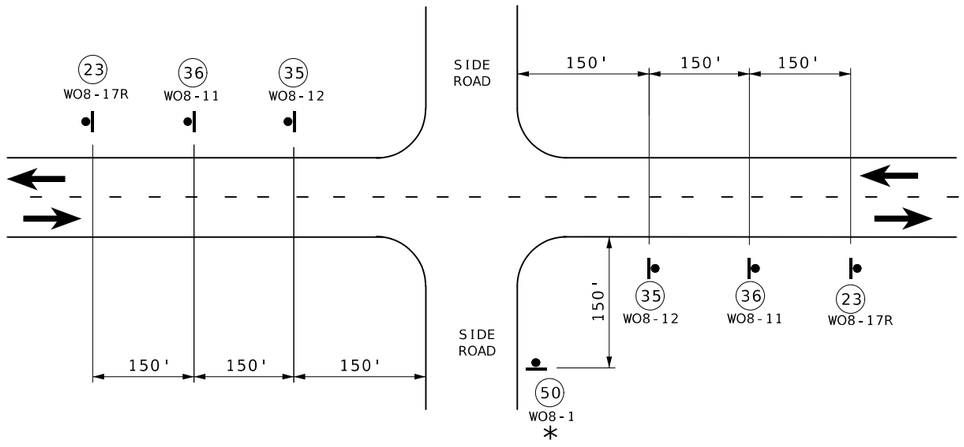
REVISED: 2/19/2026



SIGN SPACING FOR MAINLINE

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





SIGN SPACING AT STATE ROUTE INTERSECTIONS

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

GENERAL NOTES:

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

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

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

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

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

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 7

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/[illegible]/50
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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

REVISED: 2/19/2026

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

NOTES:

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

WO20-1

(2)

WO21-5

(21)

WO5-1

(1)

WO7-3a

(43) ∗

∗OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.

GO20-5aP

R2-1

(54)
(4)

(35/55 MPH)

R2-1

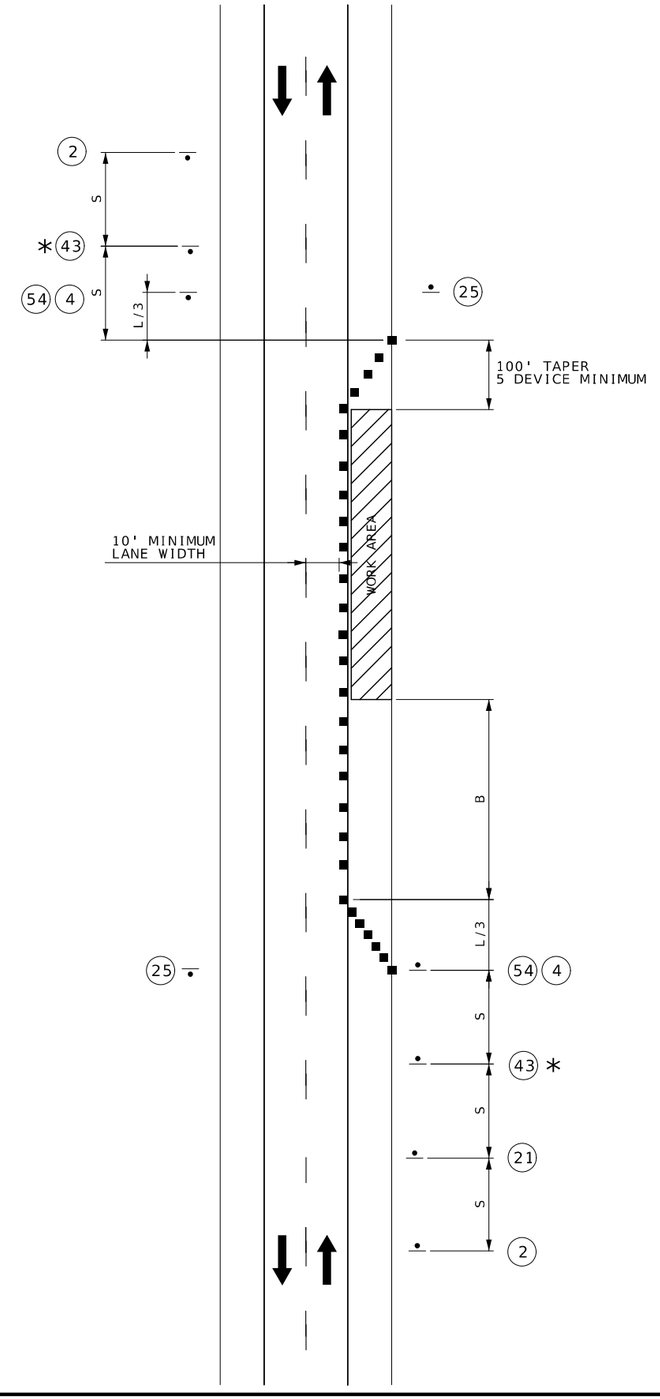
(25)

(NORMAL SPEED)

(45/65 MPH)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER



NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 7

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/50
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

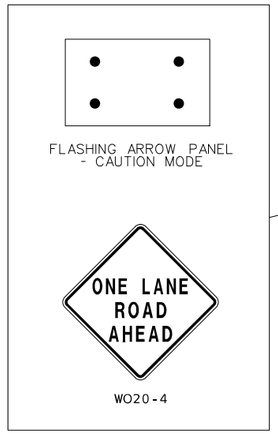
DESCRIPTION

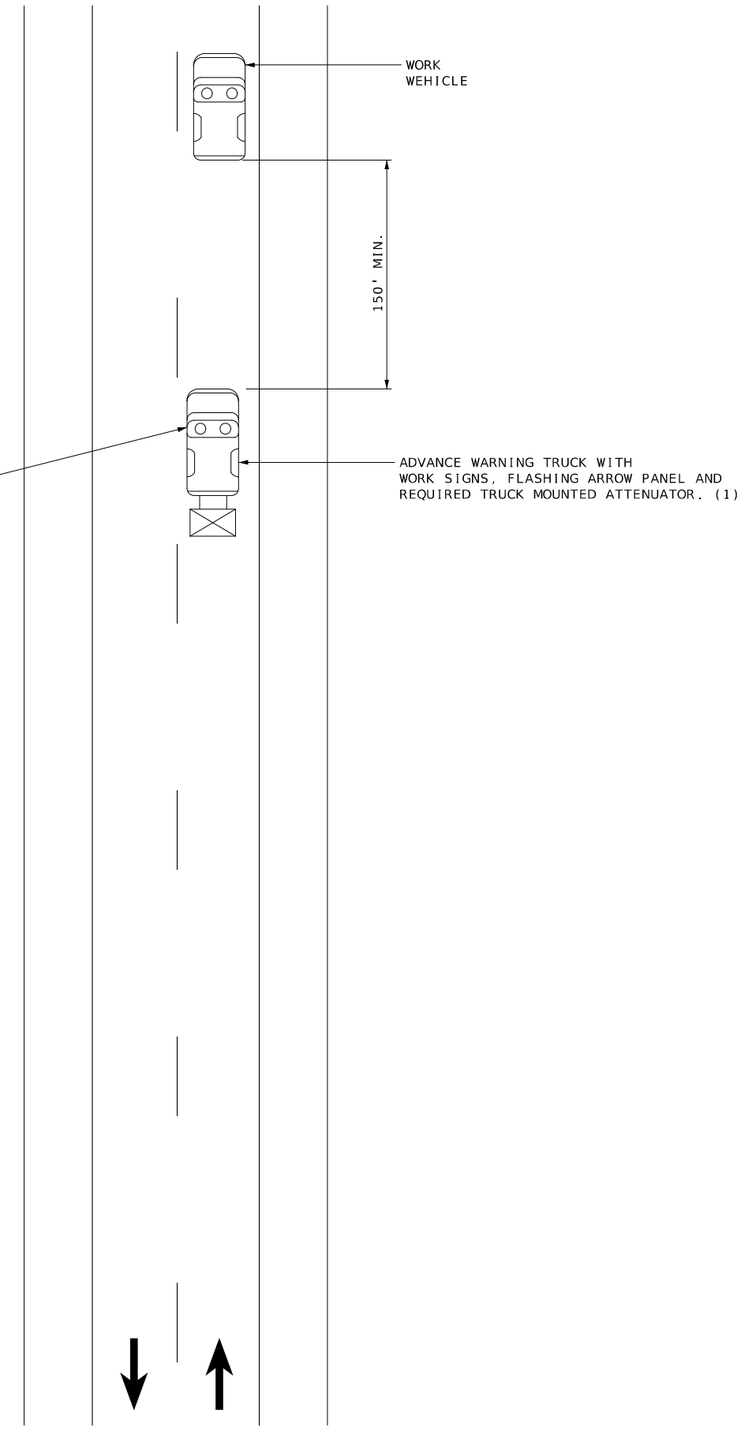
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026





MOBILE OPERATION ON TWO-LANE HIGHWAY

NOTES:

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

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

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

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

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

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 7

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/50
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
VERNON/BARTON

JOB NO.
JSR0162

CONTRACT ID.

PROJECT NO.

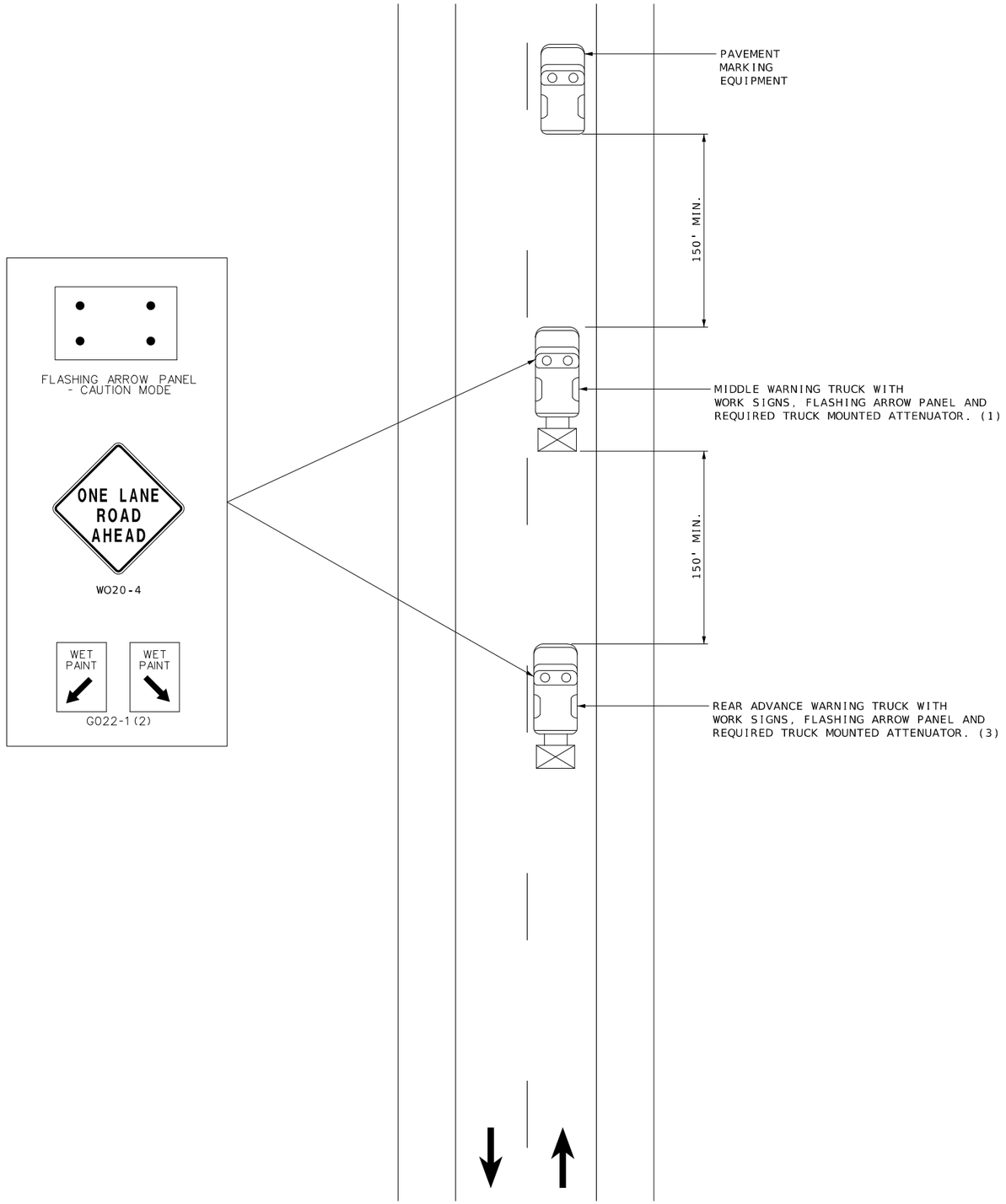
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026



PAVEMENT MARKING ON TWO-LANE HIGHWAY

NOTES:

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

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

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

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

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

(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 7 OF 7

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER

07/[illegible]/50
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE	STATE
43	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
VERNON / BARTON

JOB NO.
JSR0162

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)

SIGNS						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS*						PIPE POSTS*					BACKING BARS**				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE										BREAK-AWAY ASSEMBLY	REMARKS AND OTHER REQUIRED ITEMS
902 SIGNAL SIGNS TABULATED ON D-37A SHEET																						2-INCH POST						2.5-INCH POST					
																									ANCHORS						ANCHORS		
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.	ITEM NO. 9031010	POST DES NO.	POST NO. 1	POST NO. 2	POST NO. 3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X 3/8" BARS AT 2.55 LBS/FT NO.	LGTH	TOTAL	TOTAL	ITEM NO. 9031250A	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031270A	DRIVEN 12 GA. ITEM NO. 9031271A	DRIVEN 7 GA. ITEM NO. 9031273A	CONCRETE 7 GA. ITEM NO. 9031274	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7 GA. ITEM NO. 9031281A	CONCRETE 7 GA. ITEM NO. 9031285	ITEM NO. 9031241	
						CY		LF	LF	LF		LBS	IN	LF	LF		LBS	EACH	IN.	LF	LBS	LF	LF	LF	LF	EACH	EACH	EACH	LF	LF	LF	EACH	EACH	EACH	EACH	
1	42"x42"	0.812		SB 43 RT SHLD																								16		16			1	1	
2	42"x42"	97.194		NB 43 RT SHLD																								16		16			1	1	
SUBTOTAL																														32			2	2	
TOTAL																					**									32			2	2	

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
**BACKING BARS ARE TOALED WITH STRUCTURAL STEEL OR PIPE POSTS.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4~6"	0.13
4	10.79	0.90	5'- 3½"	18"	5~6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	POST NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	POST STUB LENGTH	FOOTING DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE 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

EFFECTIVE: 07-01-2024

STATE OF MISSOURI
CAMERON SCOY
NUMBER PE-2010019715
PROFESSIONAL ENGINEER
07/[illegible]/50
CAMERON SCOY - CIVIL
MO-PE-2021019715

DATE PREPARED
6/29/2026

ROUTE 43 | STATE MO
DISTRICT SW | SHEET NO. 19
COUNTY VERNON / BARTON
JOB NO. JSR0162
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: W10-1
1	0.812	SB 43 RT SHLD	1
2	97.194	NB 43 RT SHLD	1
		TOTALS	

SIGN SUMMARY

EFFECTIVE: 10-01-2016

STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL. SHT. NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET: FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A
W10-1		2	42"X42"		12.25		
TOTALS					25		

*ORANGE, YELLOW AND YELLOW-GREEN

STATE OF MISSOURI
CAMERON SCOTT SCOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
07/06/2026
CAMERON SCOOY - CIVIL
MO-PE-2021019715

DATE PREPARED: 7/6/2026

ROUTE	STATE
43	MO

DISTRICT	SHEET NO.
SW	20

COUNTY: VERNON / BARTON

JOB NO.: JSR0162

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)