

ROUTE JJ
A.A.D.T. - 2025 = 572
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

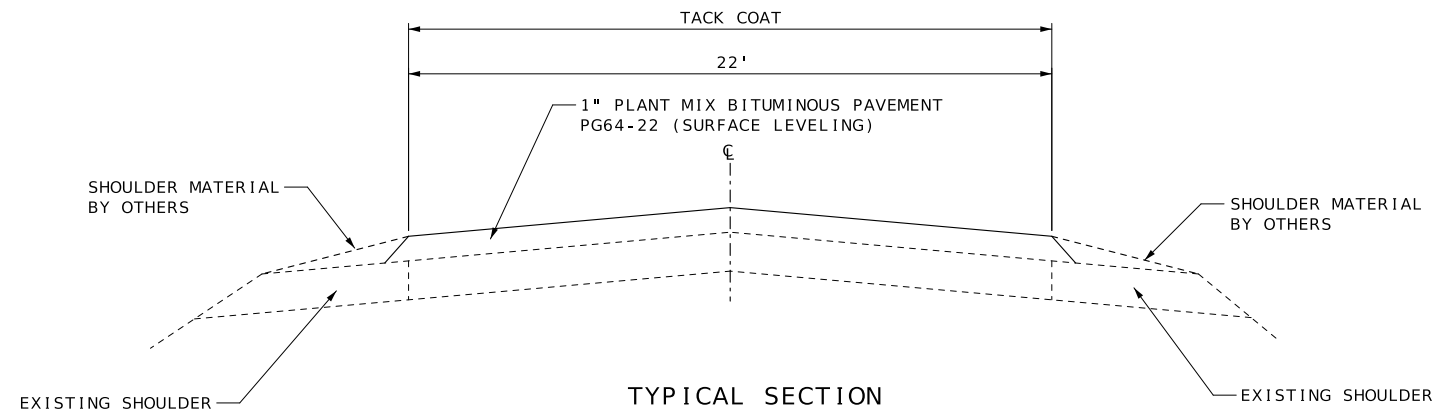
FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

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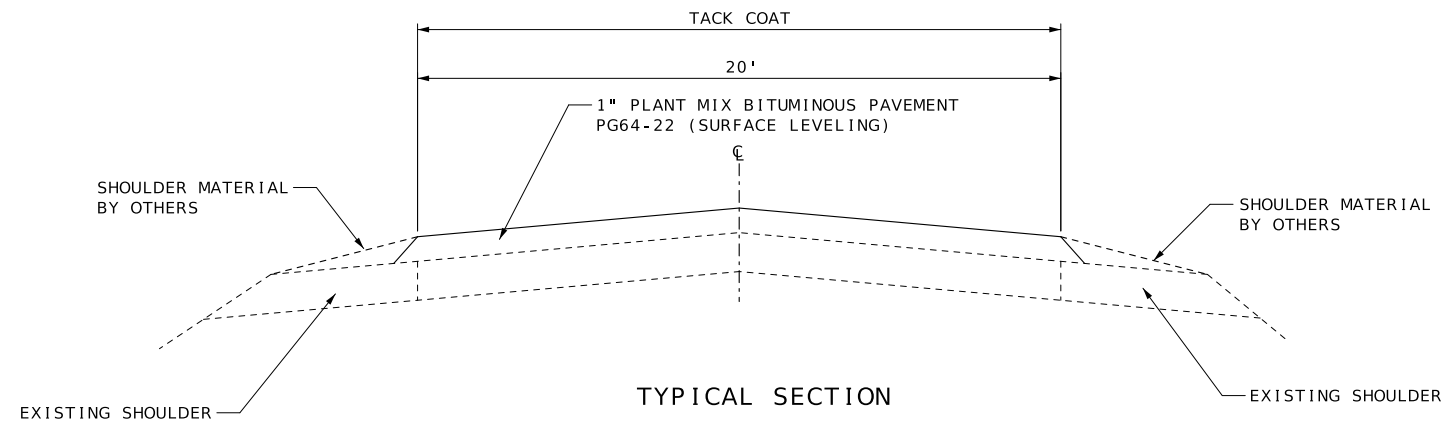
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

NOT TO SCALE

TOTAL CORRECTIONS		
NET LENGTH OF PROJECT		
STATE LENGTH	7.120	MILES
ESTIMATED DISTURBED ACRES (FOR INFORMATION ONLY)	0.000	ACRES



TYPICAL SECTION
ROUTE JJ
L.M. 0.007 to 3.414



TYPICAL SECTION
ROUTE P
L.M. 0.003 to 3.716

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TON/YD ³
TACK COAT	0.08 GAL/YD ²

NOTE:
SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
NO S.E. CORRECTION.

NOT TO SCALE

TYPICAL SECTION
SHEET 1 OF 1

STATE OF MISSOURI

MARIA K. PETERS

NUMBER
PE-2000162118

PROFESSIONAL ENGINEER

Maria Peters

07/21/2026 10:29:17 AM

MARIA K. PETERS - CIVIL

MO-PE-2000162118

DATE PREPARED
7/20/2026

ROUTE JJ,P	STATE MO
DISTRICT CD	SHEET NO. 2

COUNTY
CRAWFORD,DENT

JOB NO.
JCD0303

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BITUMINOUS PAVEMENT MIXTURE PG 64-22. (SURFACE LEVELING)- ROUTE JJ								
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	QUANTITY TONS	NON TRACKING TACK COAT GAL	REMARKS
0.007	3.414	ROUTE JJ	17988.96	22	395757.12	2427.06	3517.84	1" SURFACE LEVELING
0.007	3.414	ROUTE JJ	471.00	2	942.00	2.89	4.19	PRIVATE ENTRANCES AND COUNTY ROADS
						243.00		10% FOR IRREGULARITIES
		TOTAL				2672.95	3522.03	
		USE				2673.0	3522	

NON TRACKING TACK COAT (GAL)		
ROUTE JJ	ROUTE P	TOTAL
3522	3509	7031

MOBILIZATION
TOTAL = 1 LUMP SUM

GRAVEL (A) OR CRUSHED STONE (B)			
LOG MILE FROM	LOG MILE TO	LOCATION	GRAVEL (A) OR CRUSHED STONE (B) TONS
0.007	3.414	ROUTE JJ	234
0.003	3.716	ROUTE P	320
		TOTAL	554.0
		USE	554

NOTE: ALL TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01, TEMPORARY TRAFIC CONTROL, LUMP SUM, UNLESS NOTED OTHERWISE IN THE PLANS. THE QUANTITIES ARE ONLY AN ESTIMATE AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS. NO DIRECT PAYMENT FOR RELOCATED SIGNS.

LUMP SUM TRAFFIC CONTROL		
	TOTAL	REMARKS
CONST. SIGNS SUB TOTAL 1	1004.00	ROUTE JJ
CONST. SIGNS SUB TOTAL 2	1151.00	ROUTE P
CHANNELIZERS	200.00	
TOTAL	1 LUMP SUM	

BITUMINOUS PAVEMENT MIXTURE PG 64-22. (SURFACE LEVELING)- ROUTE P								
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	QUANTITY TONS	NON TRACKING TACK COAT GAL	REMARKS
0.003	0.021	ROUTE P	95.04	VARIES	4217.10	25.86	37.49	ROUTE 72 INTERSECTION
0.021	3.716	ROUTE P	19509.60	20	390192.00	2392.93	3468.37	1" SURFACE LEVELING
0.003	3.716	ROUTE P	360.00	2	720.00	2.21	3.20	PRIVATE ENTRANCES AND COUNTY ROADS
						242.10		10% FOR IRREGULARITIES
		TOTAL				2663.10	3509.06	
		USE				2663.1	3509	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	MODIFIED COLDMILLING (DEPTH TRANSITIONS) SQ. YD.	REMARKS
0.007	0.009	ROUTE JJ	10	VARIES	28.01	
0.007	3.414	ROUTE JJ	5	67	37.22	CONCRETE ENTRANCE
3.403	3.414	ROUTE JJ	VARIES	2	14.63	INTERSECTION: TURKEY FOOT ROAD
0.003	0.005	ROUTE P	10	VARIES	133.56	INTERSECTION: ROUTE 72
				TOTAL	213.42	
				USE	213	

CONSTRUCTION SIGNING RTE JJ						
SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS						
WO8-11	48X48	16	6	96	36	UNEVEN LANES
WO8-12	48X48	16	4	64	35	NO CENTER LINE
WO20-1	48X48	16	14	224	2	ROAD WORK AHEAD
WO20-4	48X48	16	14	224	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	14	224	8	FLAGGER (SYMBOL, WITH FLAGS)
GO22-1	21X15	2.19	4	8.76		WET PAINT (ARROW PIVOTS)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 3 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4a	18X12	1.5	10	15	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42x30	8.75	10	87.5	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
616.10.05						
CONSTRUCTION SIGNS SUB TOTAL 1				1004		

ADDITIONAL CONSTRUCTION ITEMS		
	TOTAL	REMARKS
CHANGEABLE MESSAGE SIGNS WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED/RETAINED*	2	616-1098A *
TOTAL	2	

*NOT INCLUDED IN LUMP SUM TRAFFIC CONTROL QUANTITIES

CONSTRUCTION SIGNING RTE P						
SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS						
WO8-11	48X48	16	6	96	36	UNEVEN LANES
WO8-12	48X48	16	4	64	35	NO CENTER LINE
WO20-1	48X48	16	17	272	2	ROAD WORK AHEAD
WO20-4	48X48	16	17	272	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	17	272	8	FLAGGER (SYMBOL, WITH FLAGS)
GO22-1	21X15	2.19	4	8.76		WET PAINT (ARROW PIVOTS)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 3 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4a	18X12	1.5	12	18	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42x30	8.75	10	87.5	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
616.10.05						
CONSTRUCTION SIGNS SUB TOTAL 1				1151		

SUMMARY OF QUANTITIES
SHEET 1 OF 2

STATE OF MISSOURI

MARIA K. PETERS

NUMBER

PE-2000162118

PROFESSIONAL ENGINEER

Maria K. Peters

09/20/2026 8:58:58 AM

MARIA K. PETERS - CIVIL

MO-PE-2000162118

DATE PREPARED

8/20/2026

ROUTE

JJ,P

STATE

MO

DISTRICT

CD

SHEET NO.

3

COUNTY

CRAWFORD,DENT

JOB NO.

JCD0303

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)

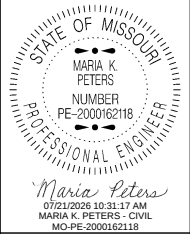
STANDARD SIGN ASSEMBLIES					SIGNS SUMMARY				
SIGN SET NO.	LOG MILES	LOCATION	TYPE	TYPE	STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	QTY.	SIZE, TYPE & SQUARE FEET	
			OM3-L	OM3-R				SIZE	FLAT SHEET FLUORESCENT, SHF
			SIGN DESCRIPTION, SIZES & NUMBER - QTY. (SF)	SIGN DESCRIPTION, SIZES & NUMBER - QTY. (SF)					ITEM NO. 9035069A
			 12" X 36"	 12" X 36"					SF
1	1.959	BRIDGE N0731 / RT			OBJECT MARKER (OM3-L)	STD	2	12" X 36"	6
1	1.959	BRIDGE N0731 / LT	3		OBJECT MARKER (OM3-R)	STD	2	12" X 36"	6
1	1.963	BRIDGE N0731 / RT		3					
1	1.963	BRIDGE N0731 / LT	3						
							TOTAL		12

SIGN POSTS					U CHANNEL POST 3 LB. POST SIZE 14' LENGTH ITEM NO. 9031250A LF
SIGN SET NO.	LOG MILES	SIGN SIZE	LOCATION	POST QTY.	
1	1.959	1X3	RTE JJ / RT	1	14
1	1.959	1X3	RTE JJ / LT	1	14
1	1.963	1X3	RTE JJ / RT	1	14
1	1.963	1X3	RTE JJ / LT	1	14
				TOTAL	56

ITEM NO.	QUANTITY	DESCRIPTION	LOCATION
604-99.02	1	MISC. ADJUSTING WATER VALVE COVER	ROUTE JJ

REMOVAL OF IMPROVEMENTS			
APPROX. LOG MILES	LOCATION	ITEM	QUANTITY
1.959	RTE JJ / RT	OBJECT MARKERS AND POST	1 EA
1.963	RTE JJ / LT	OBJECT MARKERS AND POST	1 EA
		USE	1 LUMP SUM

PAVEMENT MARKING						
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	CLASS 1 MARK. PAINT, 18-MIL, TYPE P BEADS		REMARKS
				4" SOLID YELLOW FT.	4" SOLID WHITE FT.	
0.007	3.399	ROUTE JJ	17909.76	35819.5	35819.5	MATCH EXISTING
0.003	3.716	ROUTE P	19604.64	39209.3	39209.3	MATCH EXISTING
			SUBTOTAL	75028.8	75028.8	
			USE	75029	75029	



DATE PREPARED
7/20/2026

ROUTE JJ,P	STATE MO
DISTRICT CD	SHEET NO. 3

COUNTY
CRAWFORD,DENT

JOB NO.
JCD0303

CONTRACT ID.

PROJECT NO.

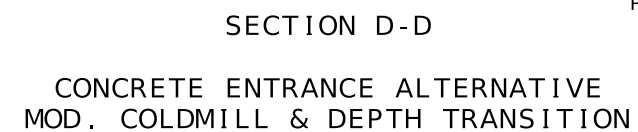
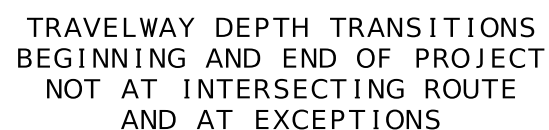
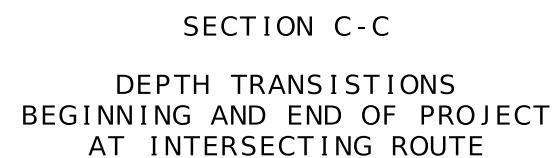
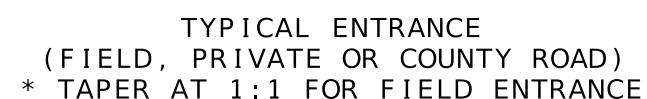
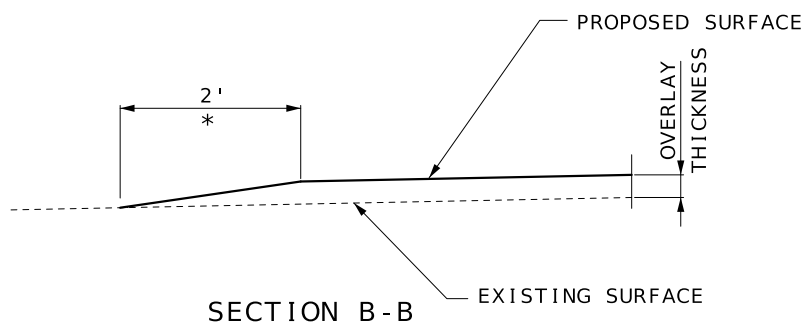
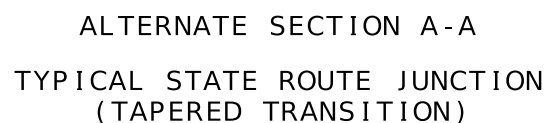
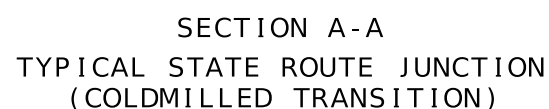
BRIDGE NO.

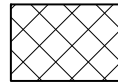
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



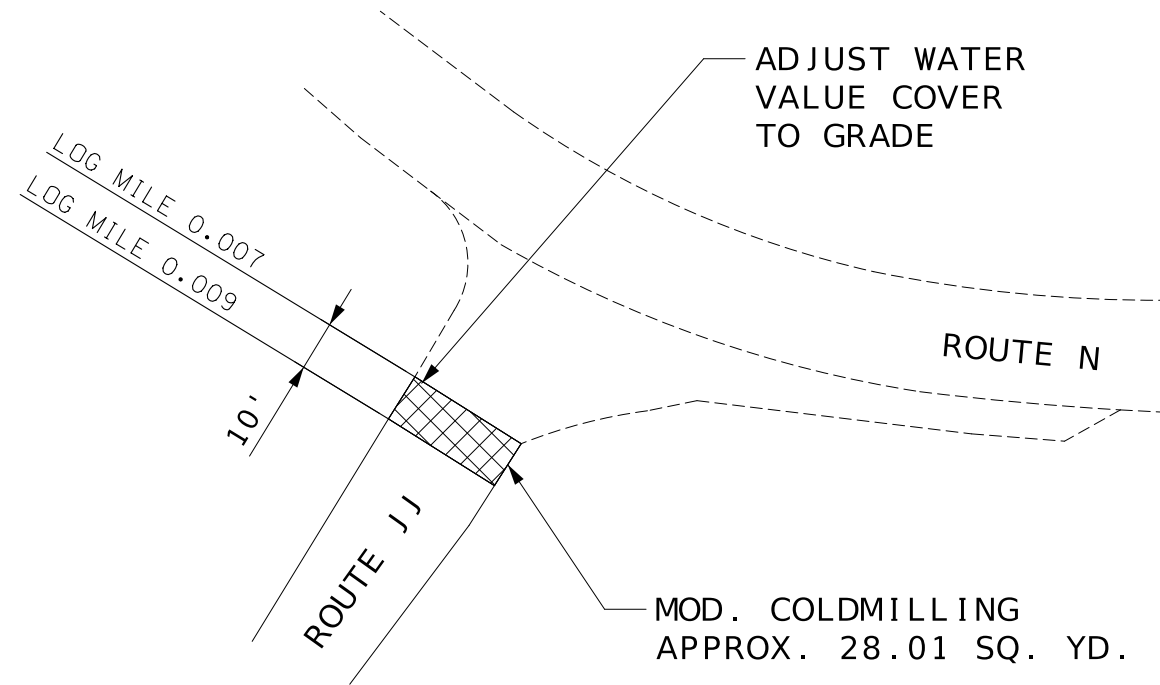
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)





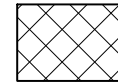
= MODIFIED COLDMILL AND
1" SURFACE LEVELING

NOT TO SCALE



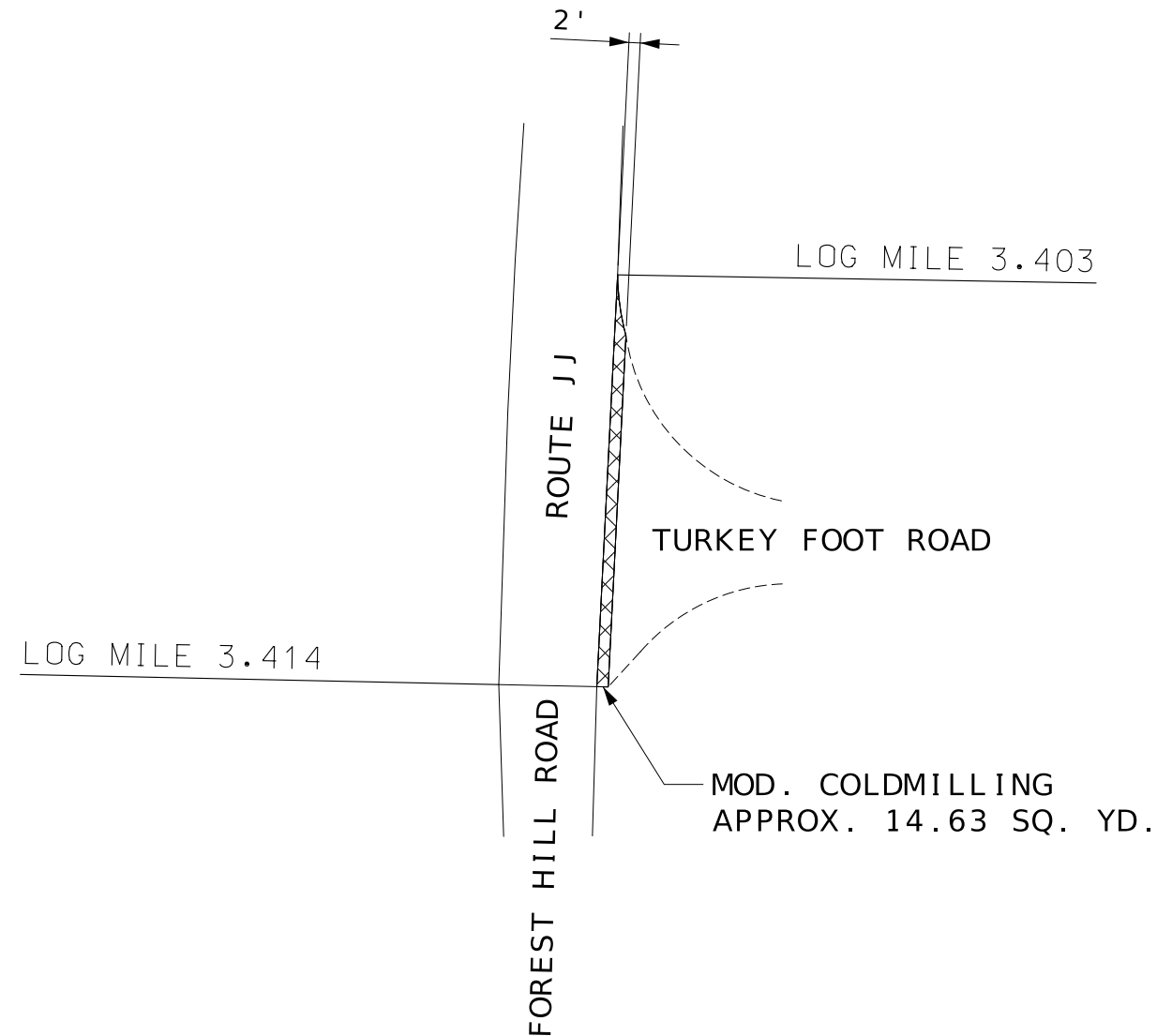
INTERSECTION ROUTE JJ & ROUTE N

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY



= MODIFIED COLDMILL AND
1" SURFACE LEVELING

NOT TO SCALE



INTERSECTION ROUTE JJ & TURKEY FOOT ROAD & FOREST HILL ROAD

SPECIAL SHEET
2 OF 4

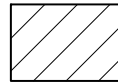


DATE PREPARED 7/20/2026	
ROUTE JJ, P	STATE MO
DISTRICT CD	SHEET NO. 5
COUNTY CRAWFORD, DENT	
JOB NO. JCD0303	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

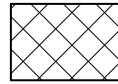
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

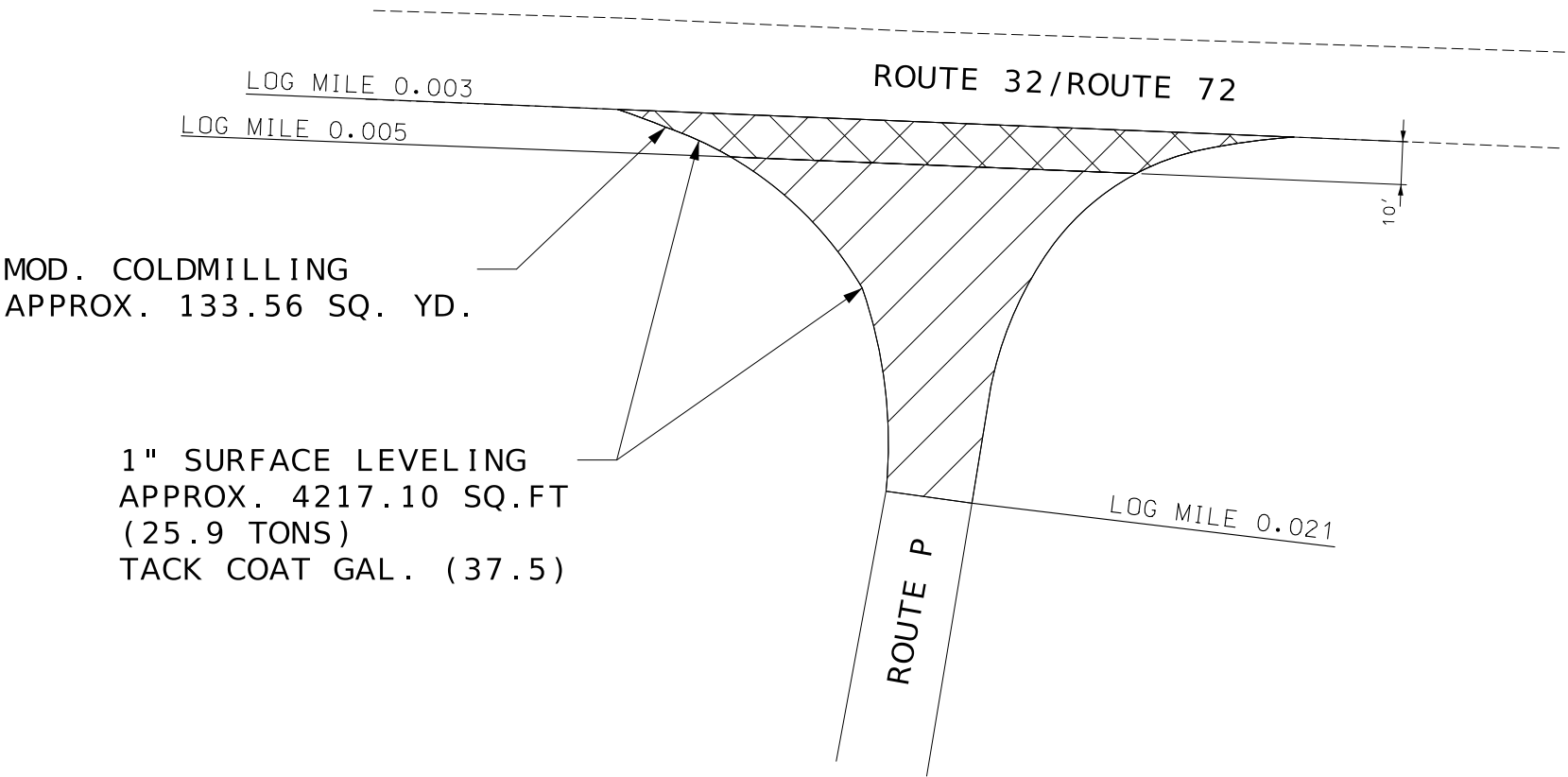


= 1" SURFACE LEVELING



= MODIFIED COLDMILL AND
1" SURFACE LEVELING

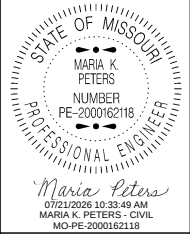
NOT TO SCALE



INTERSECTION
ROUTE P & ROUTE 72

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY

SPECIAL SHEET
3 OF 4



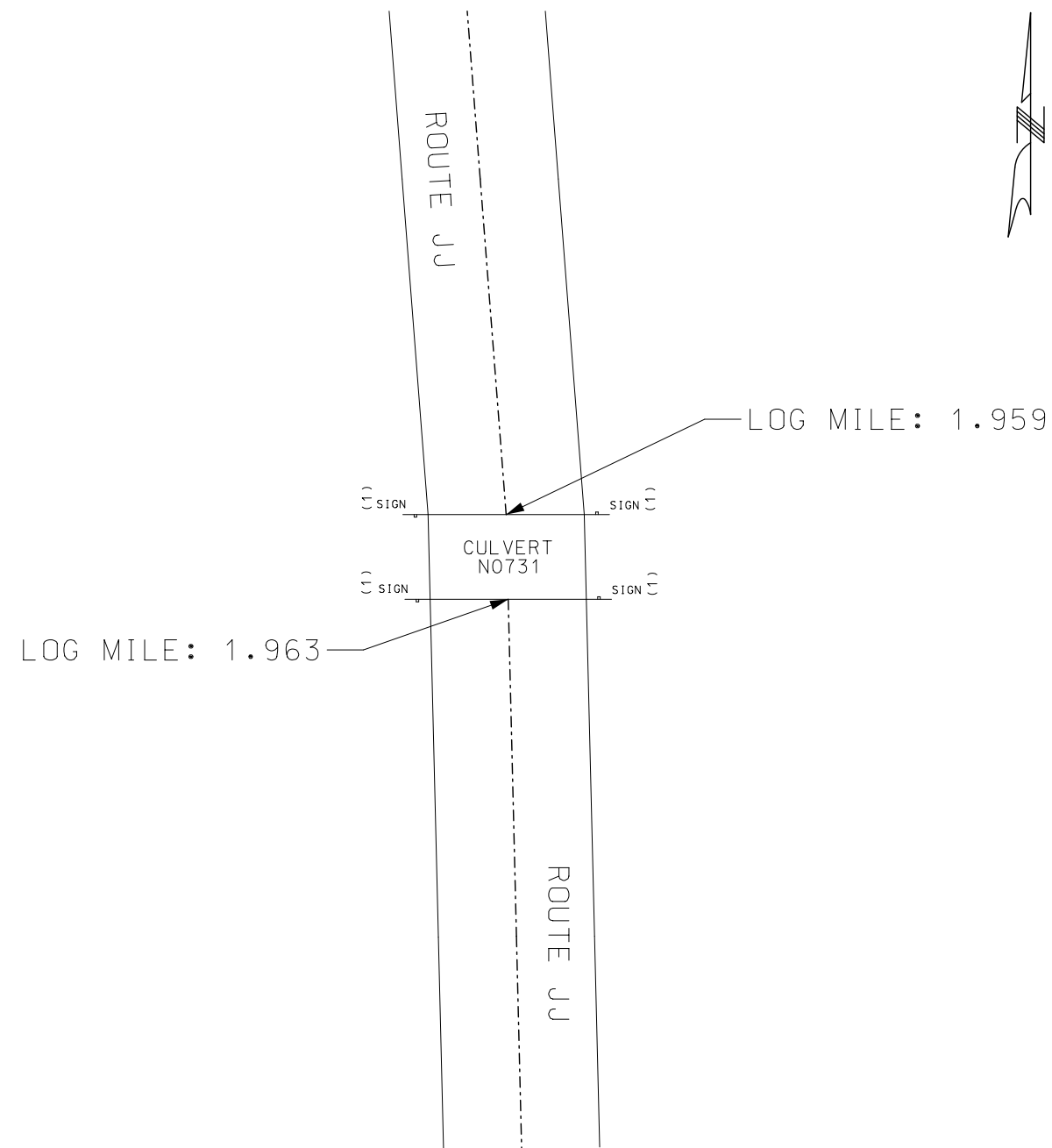
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ROUTE J J, P	STATE MO
DISTRICT CD	SHEET NO. 6
COUNTY CRAWFORD, DENT	
JOB NO. JCD0303	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

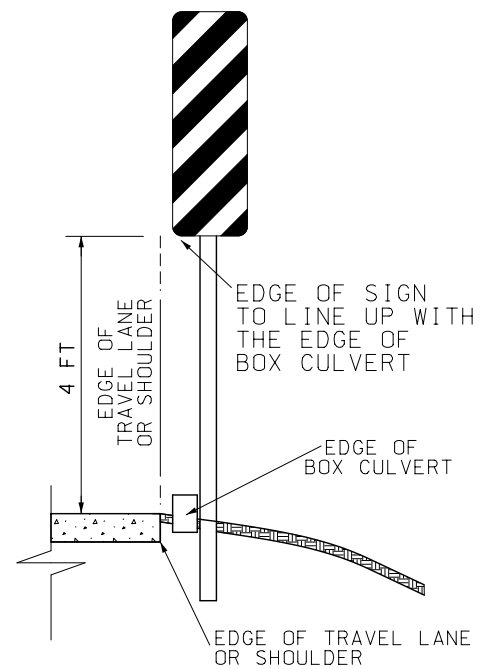
MoDOT

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



(1) PLACED AS NEAR THE OBSTRUCTION AS POSSIBLE AND SET TO LINE UP WITH INSIDE EDGE OF OBSTRUCTION.

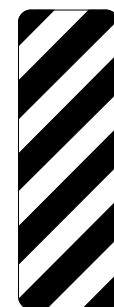
NOT TO SCALE



MOUNTING HEIGHT AND OFFSET
TYPE 3 OBJECT MARKER INSTALLATION



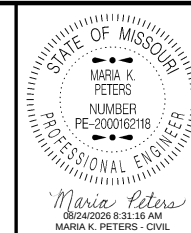
OM3-L



OM3-R

TYPE 3 OBJECT MARKER
12 IN. X 36 IN.

TYPE 3 OBJECT MARKERS			
APPROX. LOG MILES	SIGN SET	LOCATION	CULVERT
1.959	1	RTE JJ / RT	N0731
1.959	1	RTE JJ / LT	N0731
1.963	1	RTE JJ / RT	N0731
1.963	1	RTE JJ / LT	N0731



DATE PREPARED
8/24/2026

ROUTE STATE
JJ, P MO
DISTRICT SHEET NO.
CD 7

COUNTY
CRAWFORD, DENT

JOB NO.
JCD0303

CONTRACT ID.

PROJECT NO.

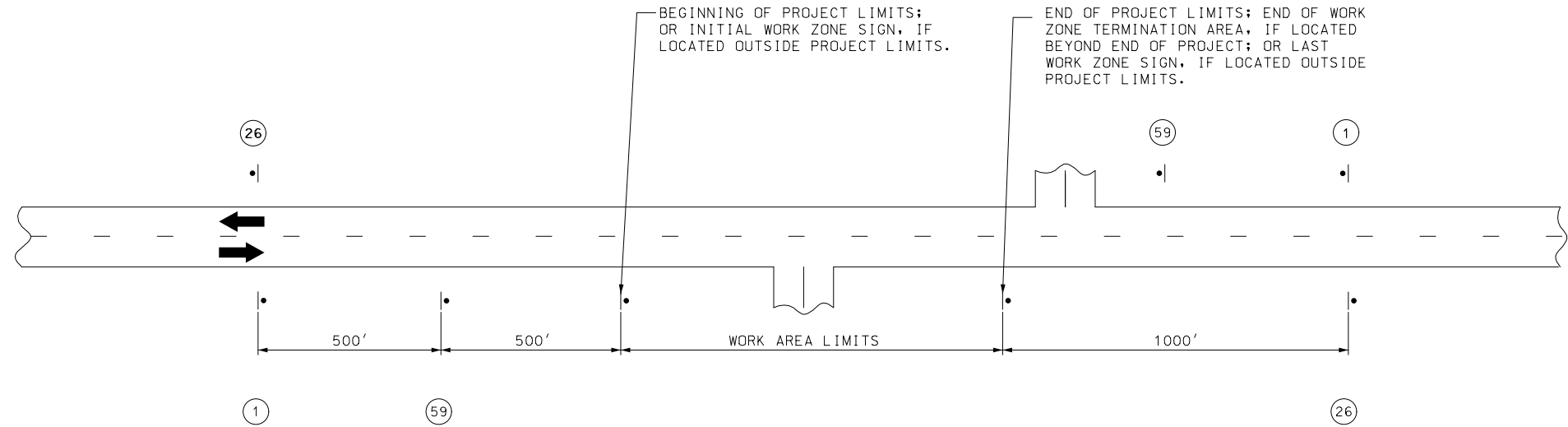
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT



NOTES:

SIGN 1 AND 26 ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

ROAD WORK
NEXT 3 MILES

G020-1
1

ROAD WORK
NEXT 4 MILES

G020-1
1

WORK ZONE
NO PHONE
ZONE

CONST-8
59

END
ROAD WORK

G020-2
26

STATE OF MISSOURI

MARIA K. PETERS

NUMBER
PE-2000162118

PROFESSIONAL ENGINEER

Maria Peters

07/21/2026 10:35:07 AM

MARIA K. PETERS - CIVIL

MO-PE-2000162118

DATE PREPARED

7/20/2026

ROUTE

J J, P

STATE

MO

DISTRICT

CD

SHEET NO.

8

COUNTY

CRAWFORD, DENT

JOB NO.

JCD0303

CONTRACT ID.

PROJECT NO.

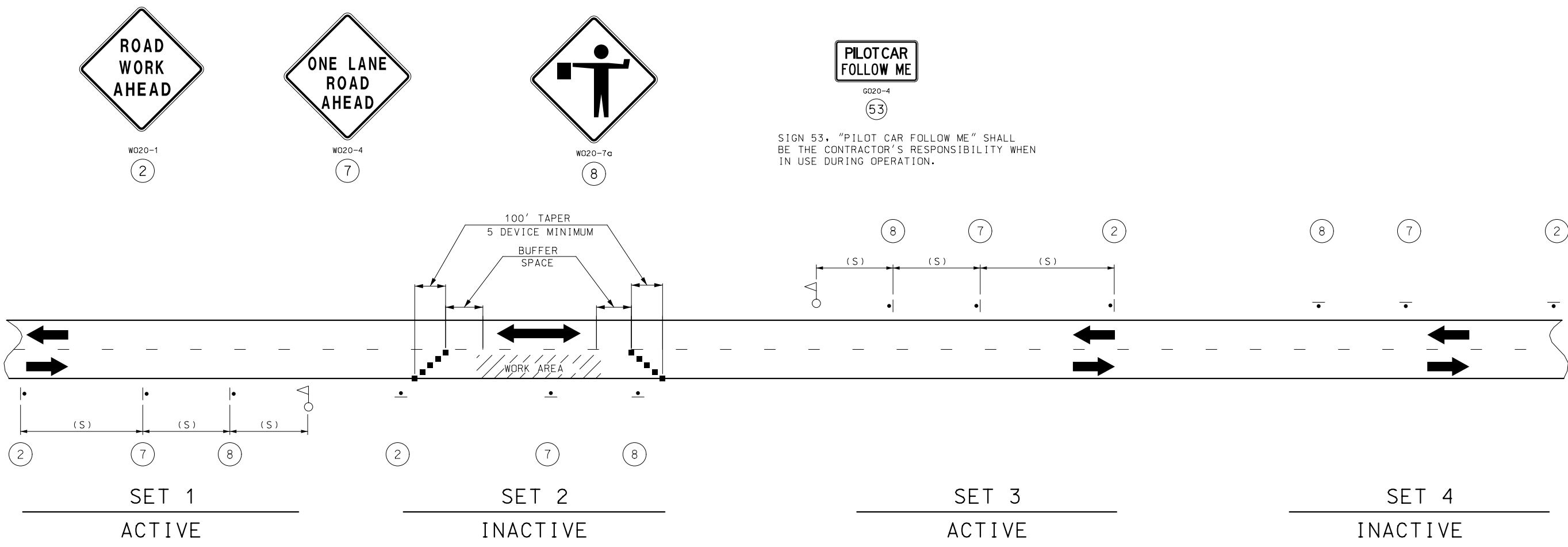
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



NOTES:

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

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

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

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

■ - CHANNELIZERS

○ - FLAGGER

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

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

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

STATE OF MISSOURI

MARIA K. PETERS

NUMBER

PE-2000162118

PROFESSIONAL ENGINEER

Maria Peters

07/21/2026 10:35:39 AM

MARIA K. PETERS - CIVIL

MO-PE-2000162118

DATE PREPARED

7/20/2026

ROUTE

JJ,P

STATE

MO

DISTRICT

CD

SHEET NO.

9

COUNTY

CRAWFORD, DENT

JOB NO.

JCD0303

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

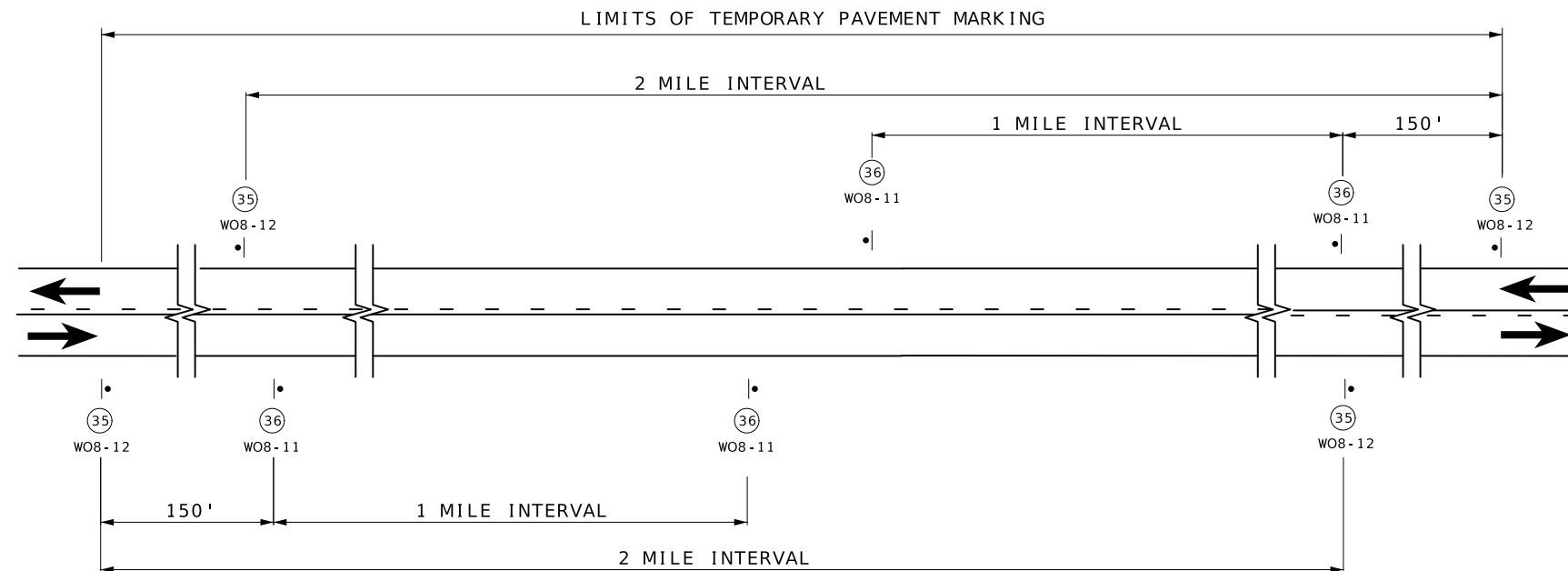
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

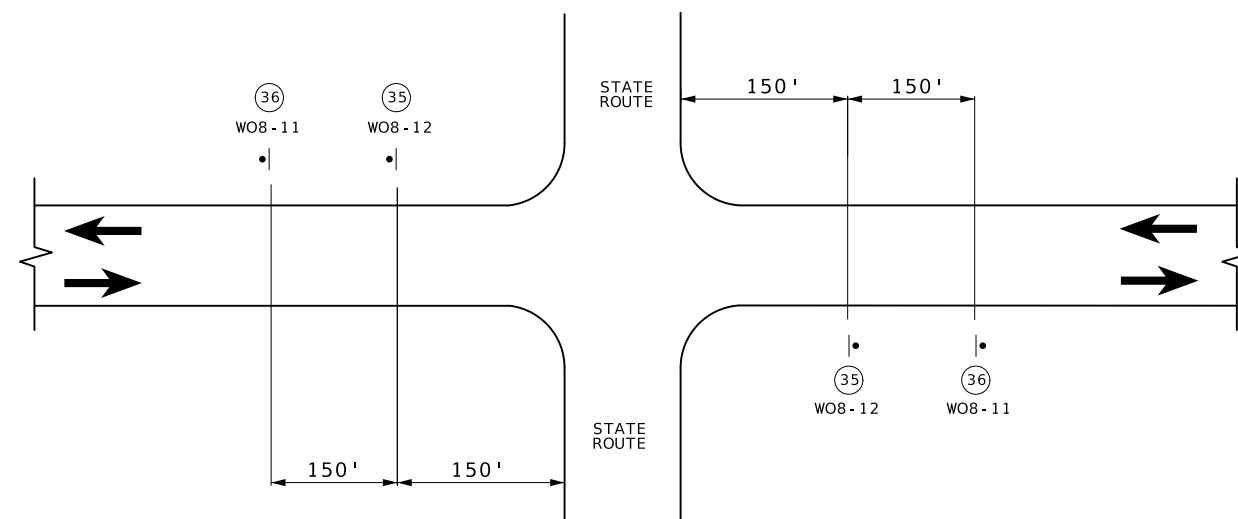
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE



NOTES :

SIGN (35) AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) 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.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 5

SHEET 4 OF 5



Maria Peters
07/21/2026 10:36:38 AM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED
7/20/2026

ROUTE	STATE
J J . P	MO

DISTRICT	SHEET NO.
CD	11

COUNTY
CRAWFORD DENT

JOB NO.
LCB0303

JCD0303
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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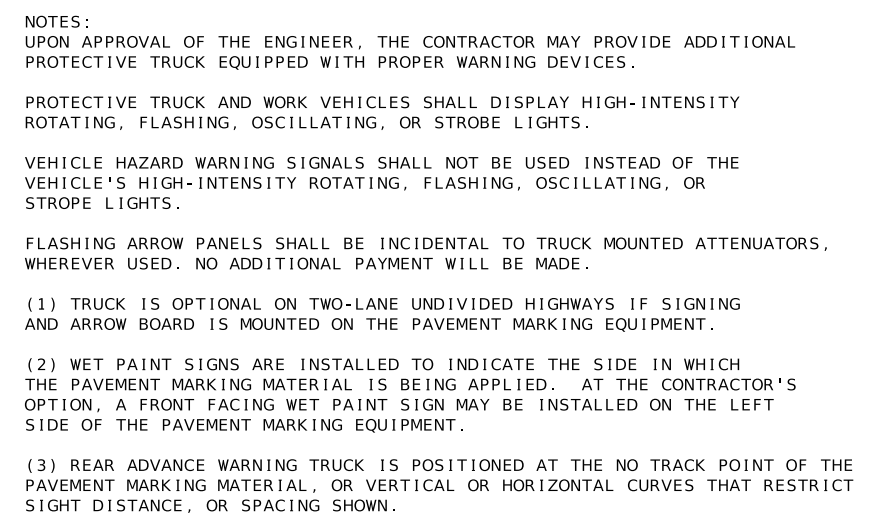
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