

DESIGN DESIGNATION

ROUTE J    A.A.D.T. - 2022 = 951  
                    T = 11.5%  
                    V = 55 M.P.H.  
FUNCTIONAL CLASSIFICATION- MINOR COLLECTOR

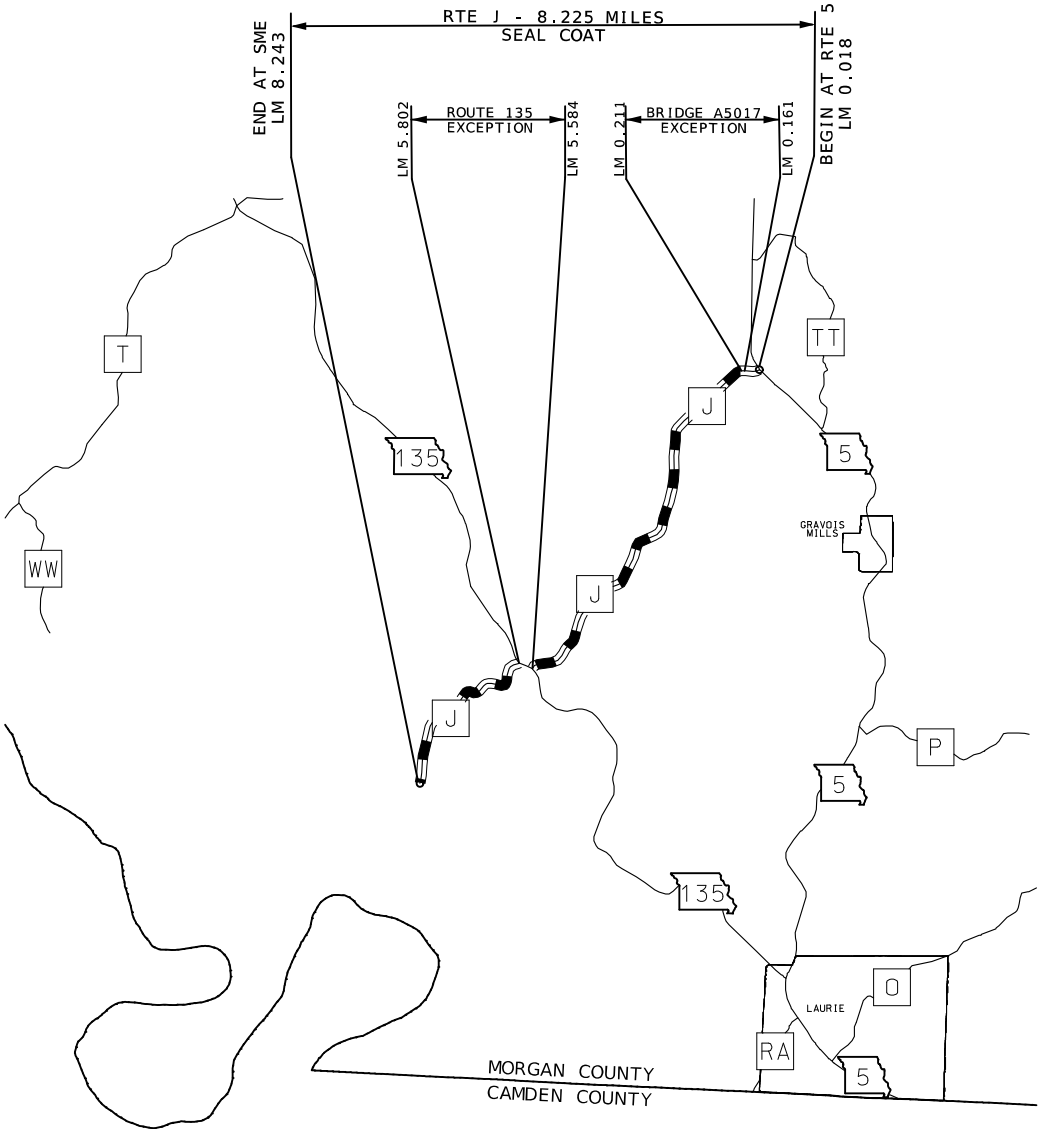
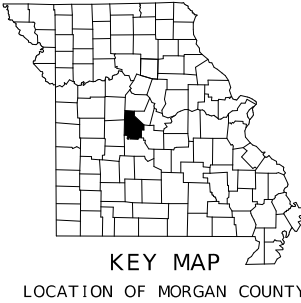
NO NEW R/W TO BE ACQUIRED

CONVENTIONAL SYMBOLS  
(USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

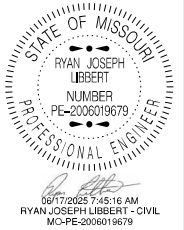
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
PLANS FOR PROPOSED  
STATE HIGHWAY  
MORGAN COUNTY



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

INDEX OF SHEETS

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DATE PREPARED 6/5/2025	
ROUTE J	STATE MO
DISTRICT CD	SHEET NO. 1
COUNTY MORGAN	
JOB NO. JCD0179	
CONTRACT ID.	

PROJECT NO.  
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LENGTH OF PROJECT

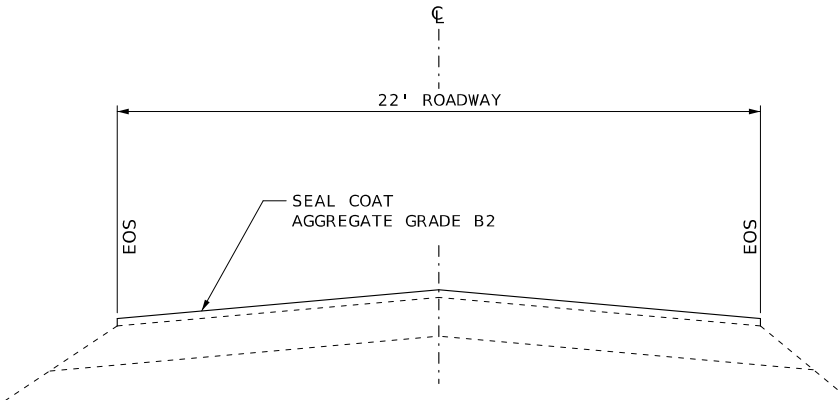
RTE. J (MORGAN COUNTY)	
BEGINNING OF PROJECT	L.M. 0.018
END OF PROJECT	L.M. 8.243
APPARENT LENGTH	43428.00 FEET
EQUATIONS AND EXCEPTIONS:	
STATE BRIDGE A5017	
BEGINNING	L.M. 0.161
END	L.M. 0.211
ROUTE 135 EXCEPTION	
BEGINNING	L.M. 5.584
END	L.M. 5.802
TOTAL CORRECTIONS	
NET LENGTH OF PROJECT	42012.96 FEET
STATE LENGTH	7.957 MILES

FOR INFORMATION ONLY  
ESTIMATED DISTURBED ACRES 0 ACRES

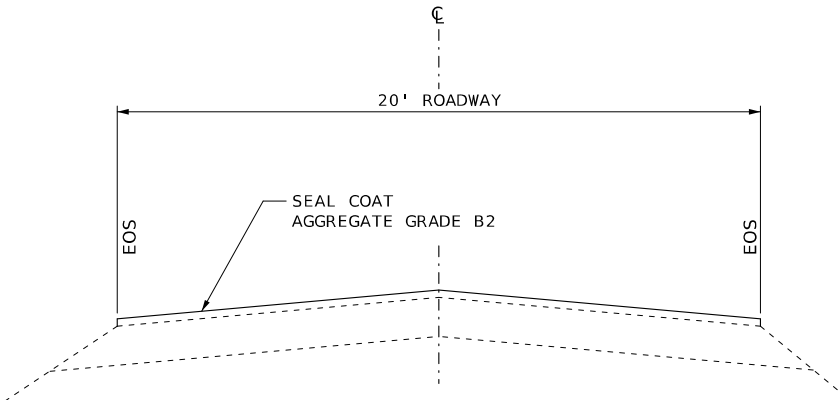
TITLE SHEET



MORGAN COUNTY ROUTES



ROUTE J  
TYPICAL SECTION  
LOG MILE 0.018 TO 0.161  
LOG MILE 0.161 TO 0.211 (BRIDGE EXCEPTION - A5017)  
LOG MILE 0.211 TO 0.422

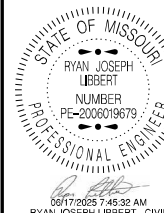


ROUTE J  
TYPICAL SECTION  
LOG MILE 0.422 TO 5.584  
LOG MILE 5.584 TO 5.802 (EXCEPTION - ROUTE 135)  
LOG MILE 5.802 TO 8.243

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

EMULSION APPLICATION RATE	0.28 GAL/YD <sup>2</sup>
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TYPICAL SECTION  
SHEET 1 OF 1



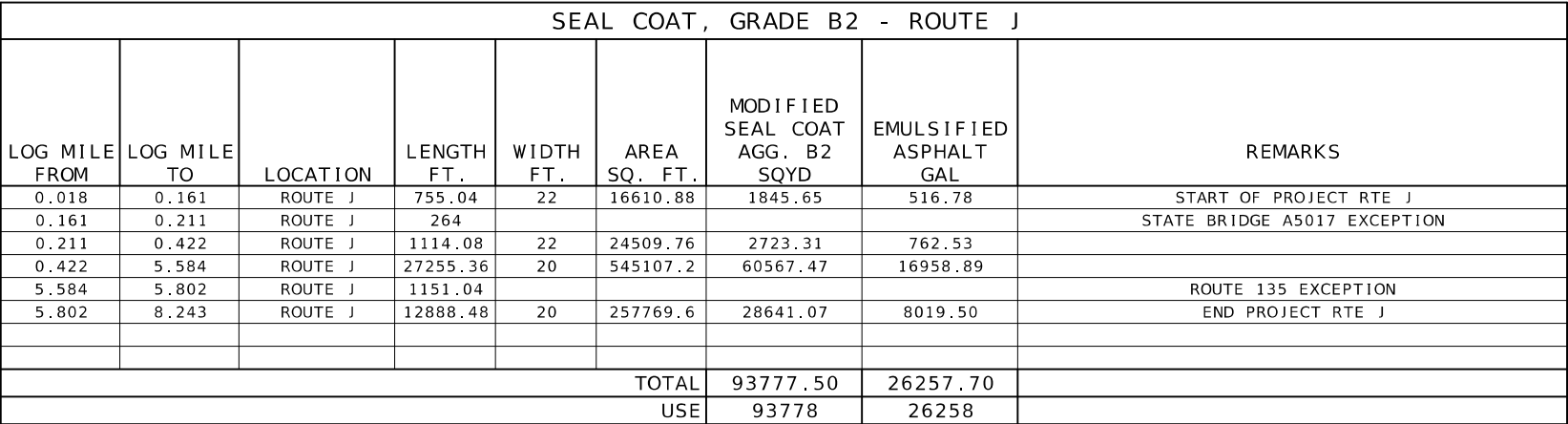
DATE PREPARED	
6/5/2025	
ROUTE	STATE
J	MO
DISTRICT	SHEET NO.
CD	2
COUNTY	
MORGAN	
JOB NO.	
JCD0179	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

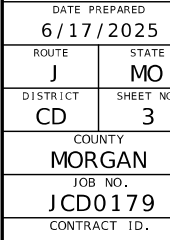
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTION SHEET  
1 OF 1



MOBILIZATION
1 LUMP SUM

SUMMARY OF QUANTITIES  
SHEET 1 OF 2



PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST CAPITAL  
JEFFERSON CITY, MO 65102

QUANTITY SHEET  
SHEET 1 OF 2

CONSTRUCTION SIGNING						
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	16	256	57	FRESH OIL
WO8-12	48X48	16	8	128	35	NO CENTER LINE
WO20-1	48X48	16	8	128	2	ROAD WORK AHEAD
WO20-4	48X48	16	5	80	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	8	128	8	FLAGGER (SYMBOL, WITH FLAGS)
W03-4	48X48	16	4	64	11	BE PREPARED TO STOP
GO22-1	21X15	2.19	2	4.38		WET PAINT (ARROW PIVOTS)
GUIDE SIGNS						
GO20-1	60X24	10	4	40	1	ROAD WORK NEXT XX MILES 2@8, 1@6, 1@2
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	0		58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.5	4	6	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 TOTAL				879		

ADDITIONAL CONSTRUCTION ITEMS		
ITEM NO.	QUANTITY	DESCRIPTION
616-10.25	162	CHANNELIZERS (TRIM-LINE)
616-1098A	3	"CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED."

- \* IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.
- \*\* ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 4 OF 5 AND AS DIRECTED BY THE ENGINEER.
- \*\*\* FRESH OIL/LOOSE GRAVEL SIGN SHALL BE PLACED AT THE START OF THE PROJECT AND AT ONE MILE INTERVALS. SIGNS SHOULD ALSO BE INSTALLED AFTER THE INTERSECTION OF A STATE ROUTE. ADDITIONAL SIGNS MAY BE INSTALLED AFTER OTHER INTERSECTIONS, AS DIRECTED BY THE ENGINEER.

NOTE:  
  
REFER TO STANDARD PLANS 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

STATE OF MISSOURI

RYAN JOSEPH LIBBERT

NUMBER

PE-2006019679

PROFESSIONAL ENGINEER

06/17/2025 8:23:56 AM

RYAN JOSEPH LIBBERT - CIVIL

MO-PE-2006019679

DATE PREPARED

6/17/2025

ROUTE

J

STATE

MO

DISTRICT

CD

SHEET NO.

3

COUNTY

MORGAN

JOB NO.

JCD0179

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

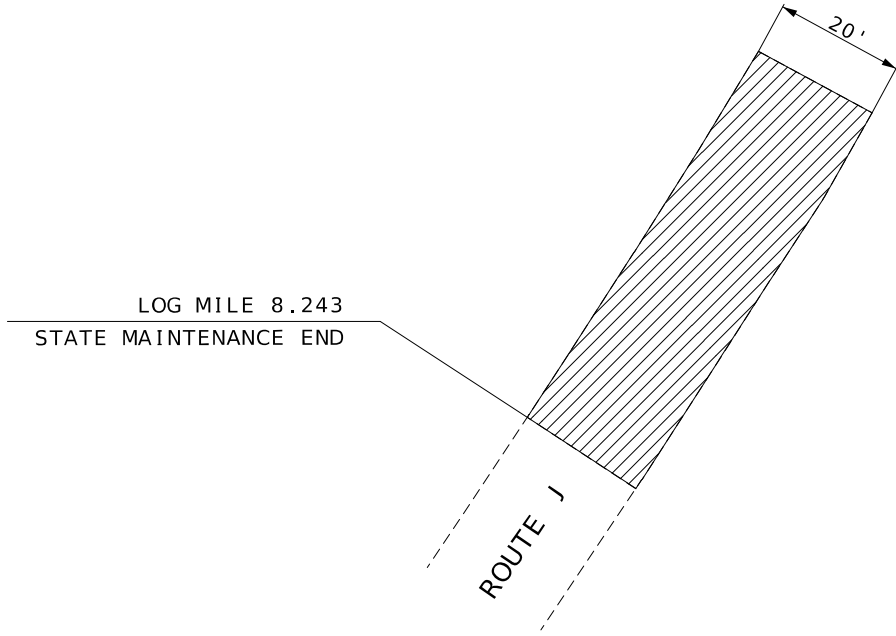
105 WEST CAPITOL


JEFFERSON CITY, MO 65102

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

QUANTITY SHEET  
SHEET 2 OF 2

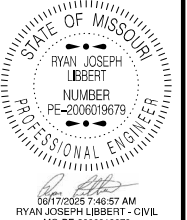




 GRADE B2 SEAL COAT

NOT TO SCALE

SPECIAL SHEET  
2 OF 2



DATE PREPARED 6/5/2025	
ROUTE J	STATE MO
DISTRICT CD	SHEET NO. 5
COUNTY MORGAN	
JOB NO. JCD0179	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

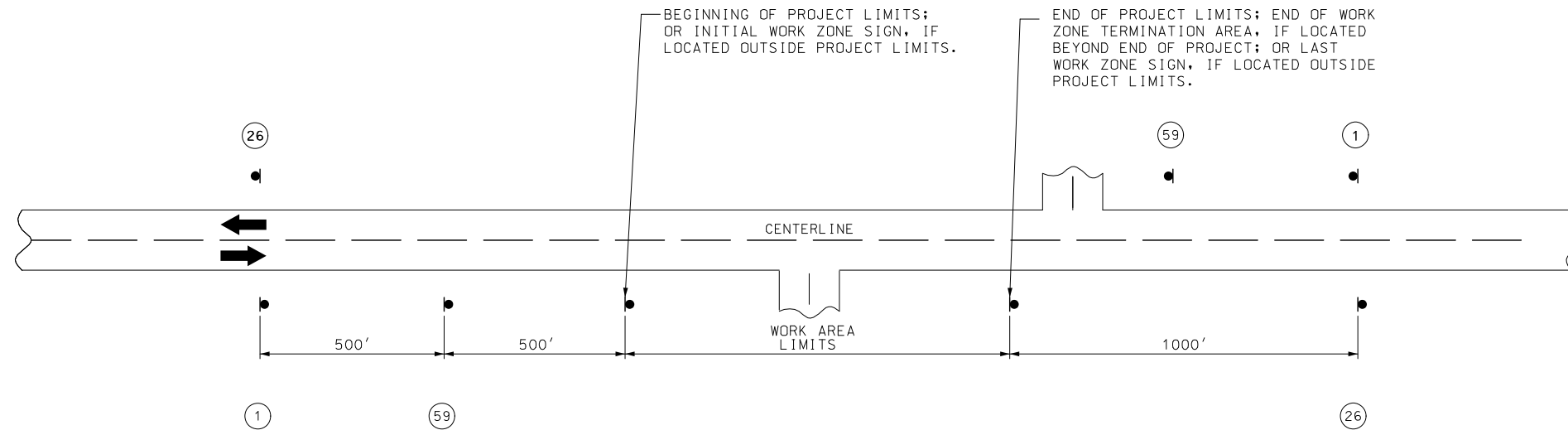
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SPECIAL SHEET  
SHEET 2 OF 2



DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



XX = 8 MILES FOR J  
(BEGINING AND END)

XX = 6 MILES ON  
RTE J @ RTE 135 (EAST)

XX = 2 MILES ON  
RTE J @ RTE 135 (WEST)

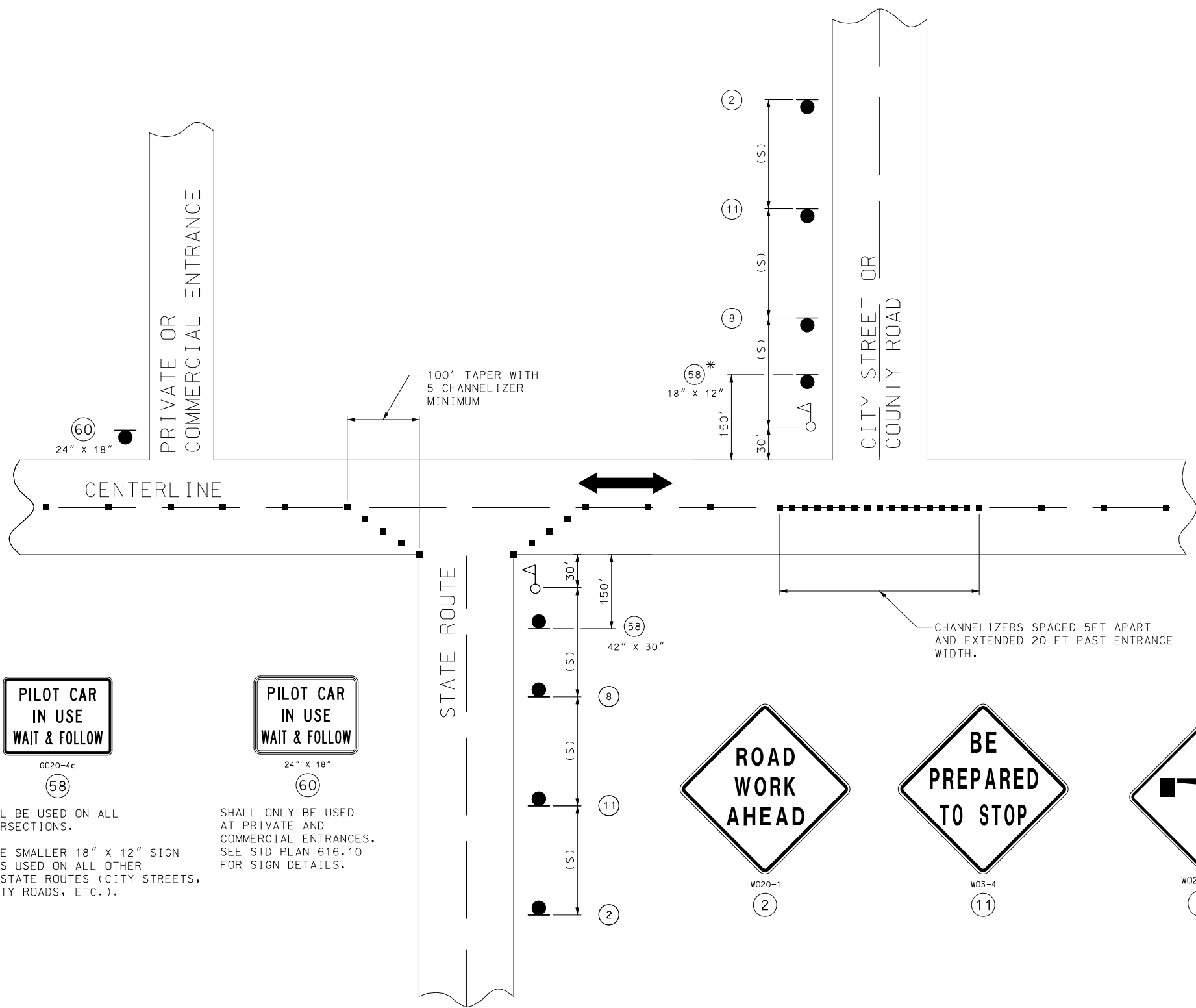
TRAFFIC CONTROL  
SHEET 1 OF 5

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

TRAFFIC CONTROL SHEET  
1 OF 5







SHALL BE USED ON ALL INTERSECTIONS.

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

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

SIDE ROADS ENTERING WORK ZONES

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER/ WORK AREA (TYP.)
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

(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.

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

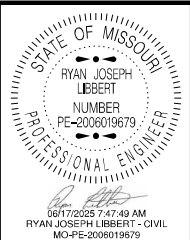
ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

■ - CHANNELIZERS (AS SPECIFIED)

△ - FLAGGER

NOT TO SCALE

TRAFFIC CONTROL SHEET 3 OF 5



DATE PREPARED  
6/5/2025  
ROUTE J STATE MO  
DISTRICT CD SHEET NO. 8

COUNTY  
MORGAN  
JOB NO.  
JCD0179  
CONTRACT ID.

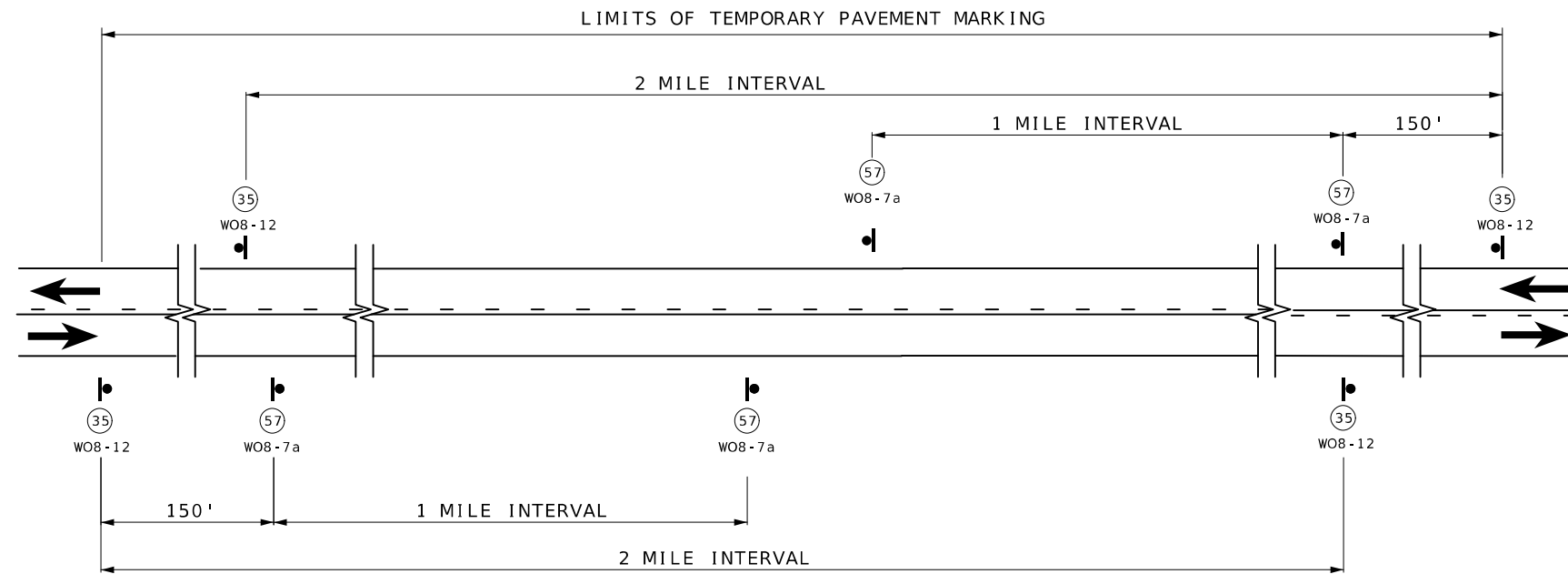
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BRIDGE NO.

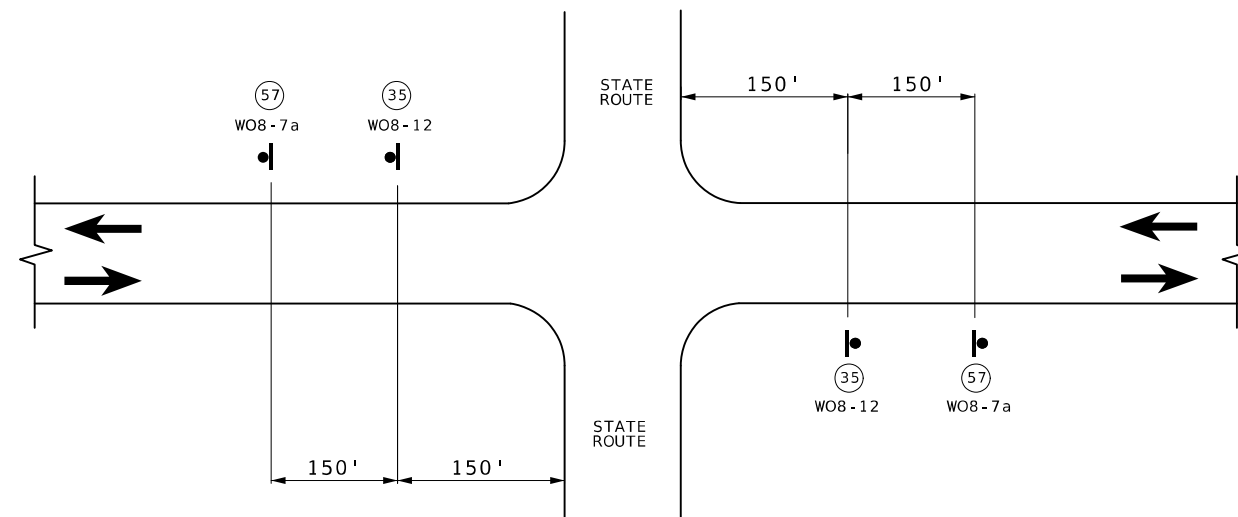
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL SHEET 3 OF 5



## SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



# SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE



NOTES :

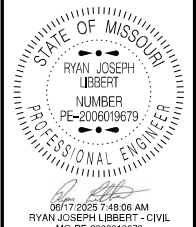
SIGN 35 AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS 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



DATE PREPARED  
6/5/2025

ROUTE J	STATE MO
DISTRICT CD	SHEET NO. 9

COUNTY  
MORGAN

JOB NO.  
JCD0179

CONTRACT ID.

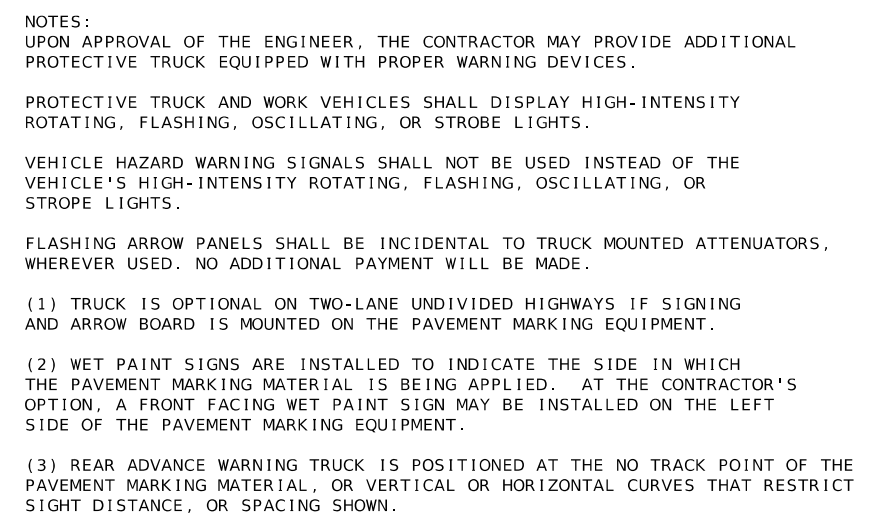
PROJECT NO.
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BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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TRAFFIC CONTROL  
SHEET 5 OF 5

[illegible]