

DESIGN DESIGNATION

ROUTE U    A.A.D.T. - 2023 = 1376  
                    T = 11.5%  
                    V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

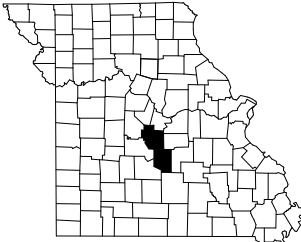
NO NEW R/W TO BE ACQUIRED

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		

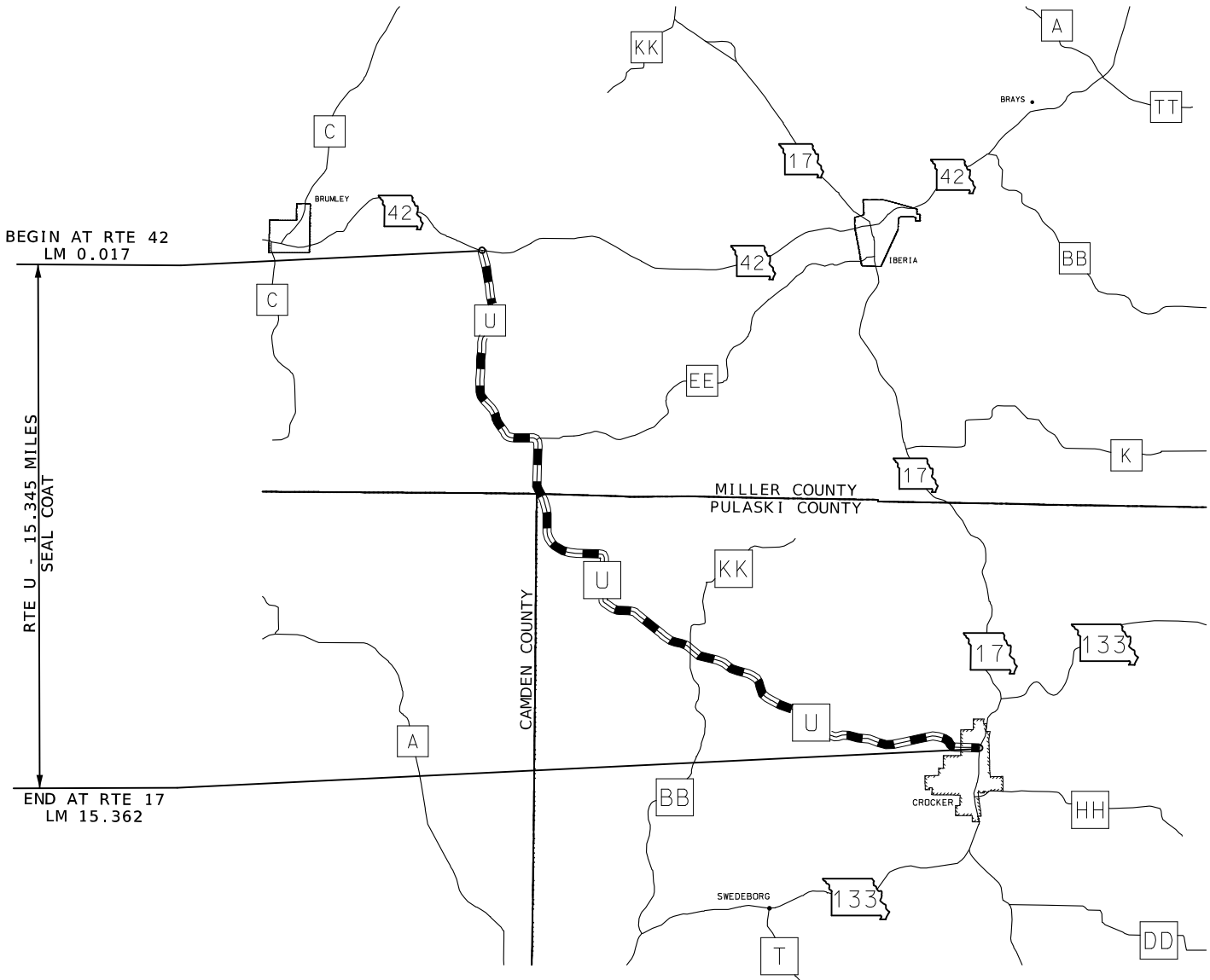
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
PLANS FOR PROPOSED  
STATE HIGHWAY  
MILLER/PULASKI COUNTY



KEY MAP

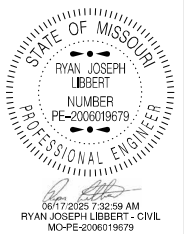
LOCATION OF MILLER AND PULASKI COUNTIES



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) (1 SHEET)----	2
QUANTITIES (QU) (2 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4
TRAFFIC CONTROL SHEETS (TC)-----	5-9



DATE PREPARED  
6/17/2025

ROUTE U	STATE MO
DISTRICT CD	SHEET NO. 1

COUNTY  
MILLER/PULASKI

JOB NO.  
JCD0147

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

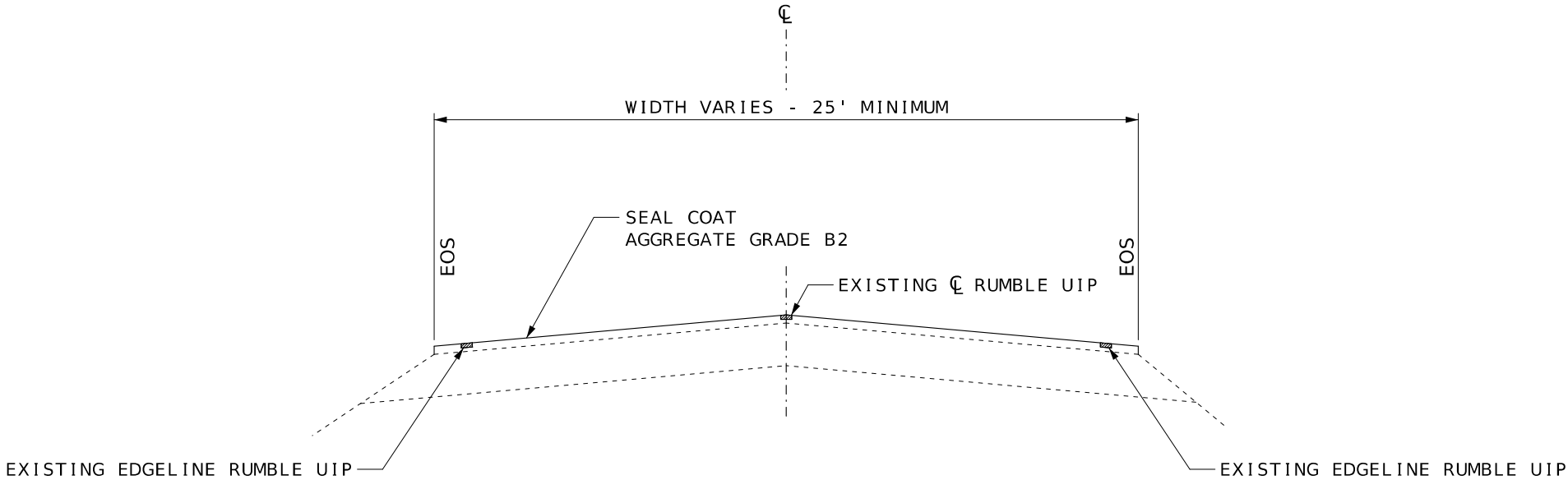
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

LENGTH OF PROJECT

RTE. U (MILLER/PULASKI COUNTY)	
BEGINNING OF PROJECT	L.M. 0.017
END OF PROJECT	L.M. 15.362
APPARENT LENGTH	81021.60 FEET
TOTAL CORRECTIONS 0.00 FEET	
NET LENGTH OF PROJECT	81021.60 FEET
STATE LENGTH	15.345 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES 0 ACRES	

TITLE SHEET

MILLER COUNTY ROUTES

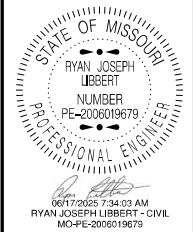


ROUTE U  
TYPICAL SECTION  
LOG MILE 0.017 TO 15.362

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

EMULSION APPLICATION RATE	0.28 GAL/YD <sup>2</sup>
---------------------------	--------------------------

TYPICAL SECTION  
SHEET 1 OF 1



DATE PREPARED  
6/5/2025

ROUTE	STATE
U	MO
DISTRICT	SHEET NO.
CD	2

COUNTY  
MILLER/PULASKI

JOB NO.  
JCD0147

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE



TYPICAL SECTION SHEET  
1 OF 1

PAVEMENT MARKING REMOVAL				
APPROX LOG MILE	LOCATION	ITEM	QTY LF	REMARKS
15.359	ROUTE U	PREFORMED THERMOPLASTIC 24" WHITE STOP BAR	35.0	TWO STOP BARS AT INTERSECTION
15.359	ROUTE U	PREFORMED THERMOPLASTIC 6" WHITE CROSS WALK	129.00	CROSS WALK LINES AT INTERSECTION
		TOTAL	164.0	
		USE	164	

MOBILIZATION
1 LUMP SUM

SEAL COAT, GRADE B2 - ROUTE U								
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	MODIFIED SEAL COAT AGG. B2 SQYD	EMULSIFIED ASPHALT GAL	REMARKS
0.017	0.023	ROUTE U	31.68	VARIES	960.0	106.7	29.9	INTERSECTION AREA START OF PROJECT RTE U - APPROX. 106.67 SQ. YDS.
0.023	0.625	ROUTE U	3178.56	25	79464.0	8829.3	2472.2	
0.625	2.125	ROUTE U	7920.00	26	205920.0	22880.0	6406.4	
2.125	4.625	ROUTE U	13200.00	25	330000.0	36666.7	10266.7	
4.625	9.583	ROUTE U	26178.24	26	680634.2	75626.0	21175.3	
9.583	10.005	ROUTE U	2228.16	27	60160.3	6684.5	1871.7	
10.005	11.038	ROUTE U	5454.24	26	141810.2	15756.7	4411.9	
11.038	11.749	ROUTE U	3754.08	27	101360.2	11262.2	3153.4	
11.749	12.974	ROUTE U	6468.00	26	168168.0	18685.3	5231.9	
12.974	13.357	ROUTE U	2022.24	27	54600.5	6066.7	1698.7	
13.357	15.000	ROUTE U	8675.04	26	225551.0	25061.2	7017.1	
15.000	15.345	ROUTE U	1821.60	25	45540.0	5060.0	1416.8	
15.345	15.362	ROUTE U	89.76	VARIES	5925.0	658.3	184.3	INTERSECTION AREA END OF PROJECT ROUTE U - APPROX. 658.33 SQ. YDS.
4.105	4.105	ROUTE U	VARIES	VARIES	4934.52	548.28	153.52	ROUTE U AND ROUTE EE INTERSECTION AREA - APPROX. 548.28 SQ. YDS.
9.581	9.581	ROUTE U	VARIES	VARIES	6466.95	718.55	201.19	ROUTE U AND ROUTE BB AND ROUTE KK INTERSECTION AREA - APPROX. 718.55 SQ. YDS.
					TOTAL	234610.43	65691.01	
					USE	234610	65691	



DATE PREPARED 6/5/2025	
ROUTE U	STATE MO
DISTRICT CD	SHEET NO. 3
COUNTY MILLER/PULASKI	
JOB NO. JCD0147	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

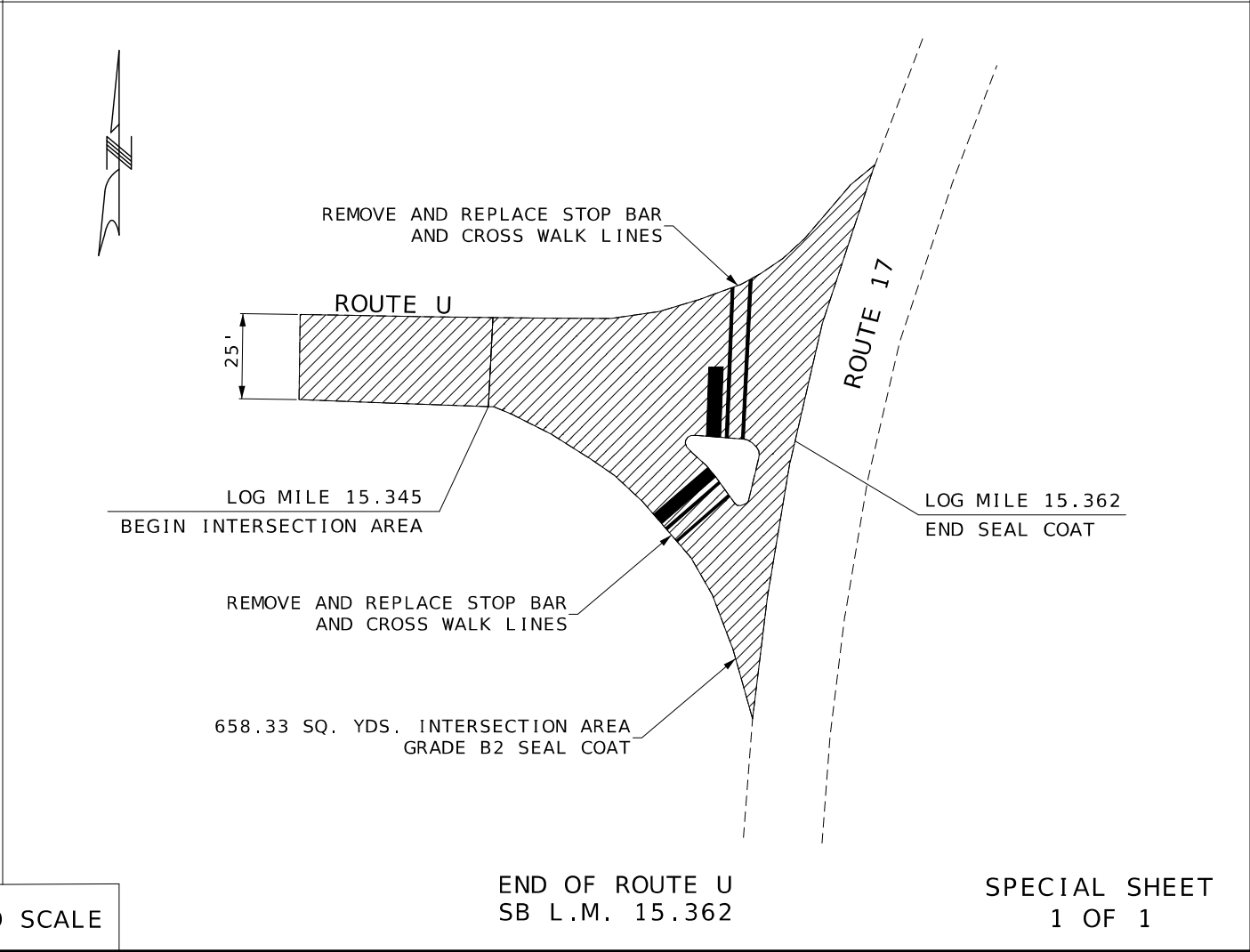
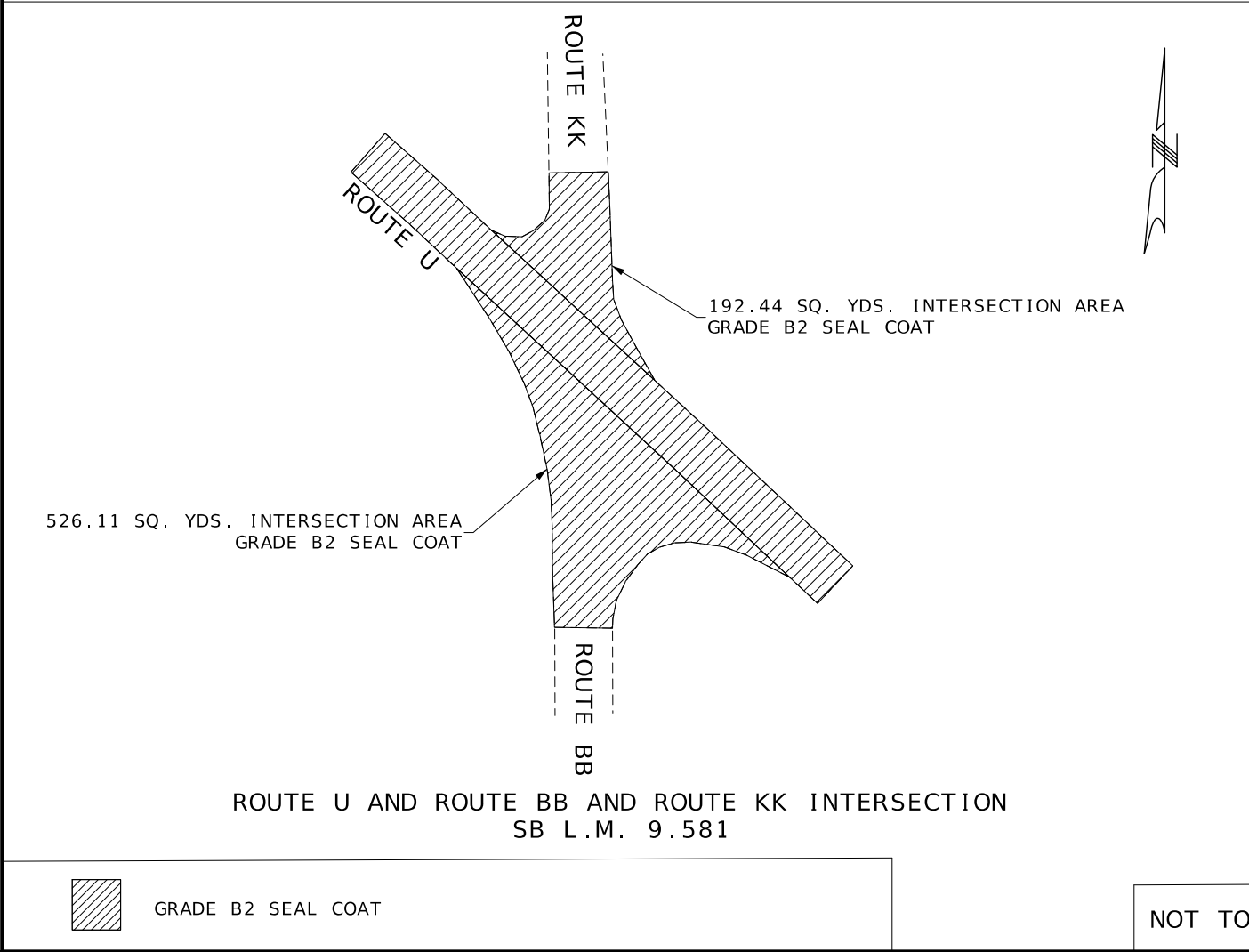
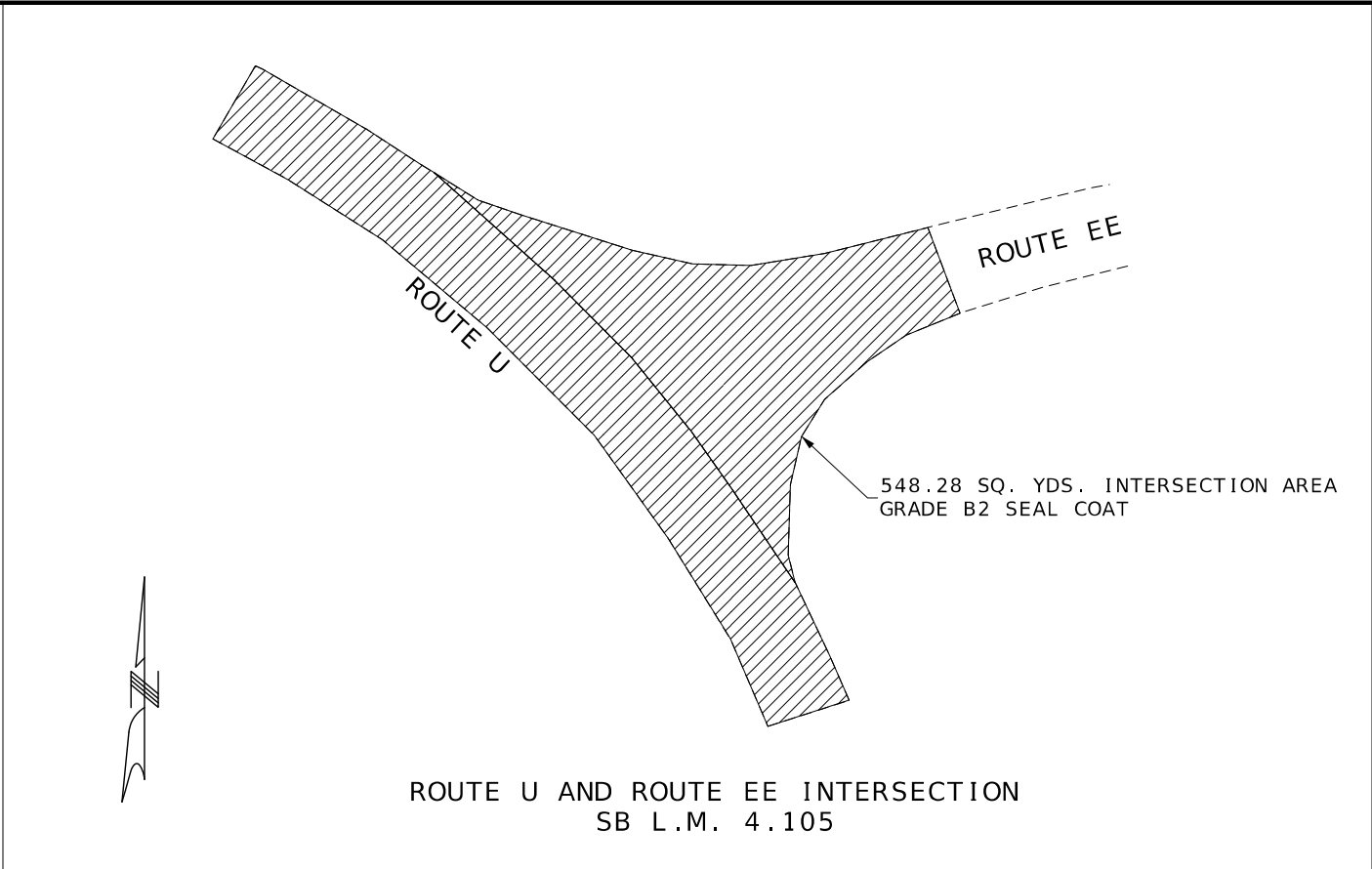
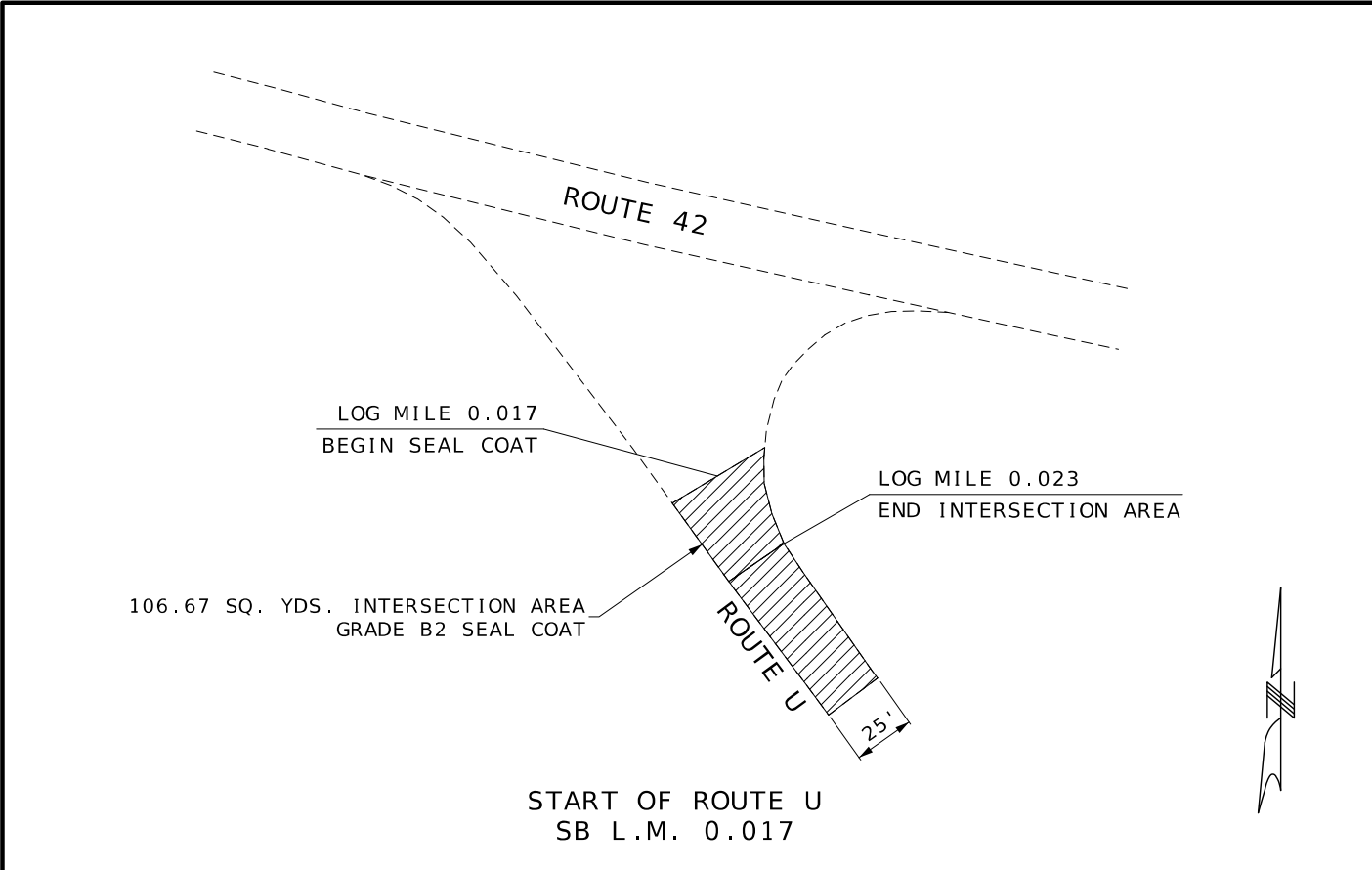
DESCRIPTION								
DATE								

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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





GRADE B2 SEAL COAT

NOT TO SCALE

STATE OF MISSOURI

RYAN JOSEPH LIBBERT

NUMBER

PE-2006019679

PROFESSIONAL ENGINEER

06/17/2025 7:35:00 AM

RYAN JOSEPH LIBBERT - CIVIL

MO-PE-2006019679

DATE PREPARED

6/5/2025

ROUTE

U

DISTRICT

CD

STATE

MO

SHEET NO.

4

COUNTY

MILLER/PULASKI

JOB NO.

JCD0147

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

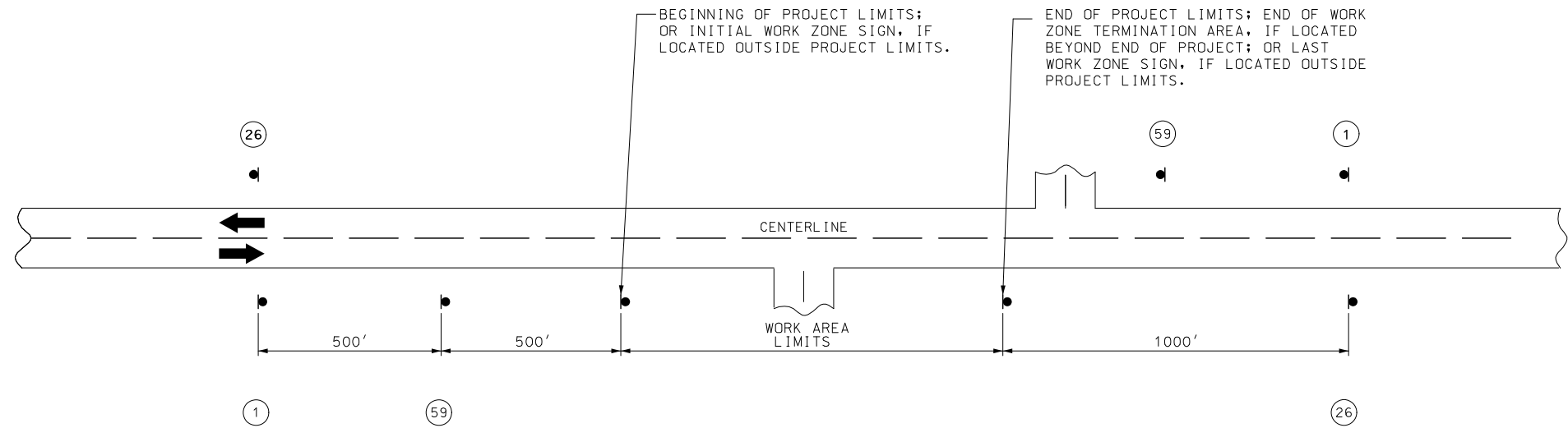
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

SPECIAL SHEET

1 OF 1

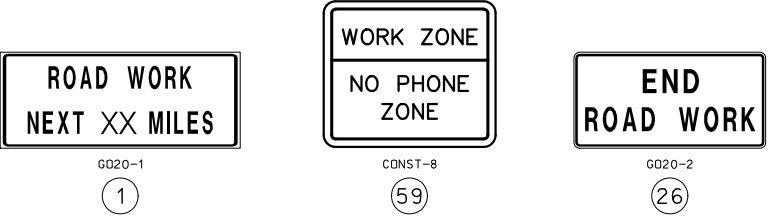


NOTES:

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.



XX = 15 MILES FOR U

STATE OF MISSOURI  
RYAN JOSEPH LIBBERT  
NUMBER  
PE-2006019679  
PROFESSIONAL ENGINEER  
06/17/2025 7:36:21 AM  
RYAN JOSEPH LIBBERT - CIVIL  
MO-PE-2006019679

DATE PREPARED  
6/5/2025

ROUTE  
U

STATE  
MO

DISTRICT  
CD

SHEET NO.  
5

COUNTY  
MILLER/PULASKI

JOB NO.  
JCD0147

CONTRACT ID.

PROJECT NO.

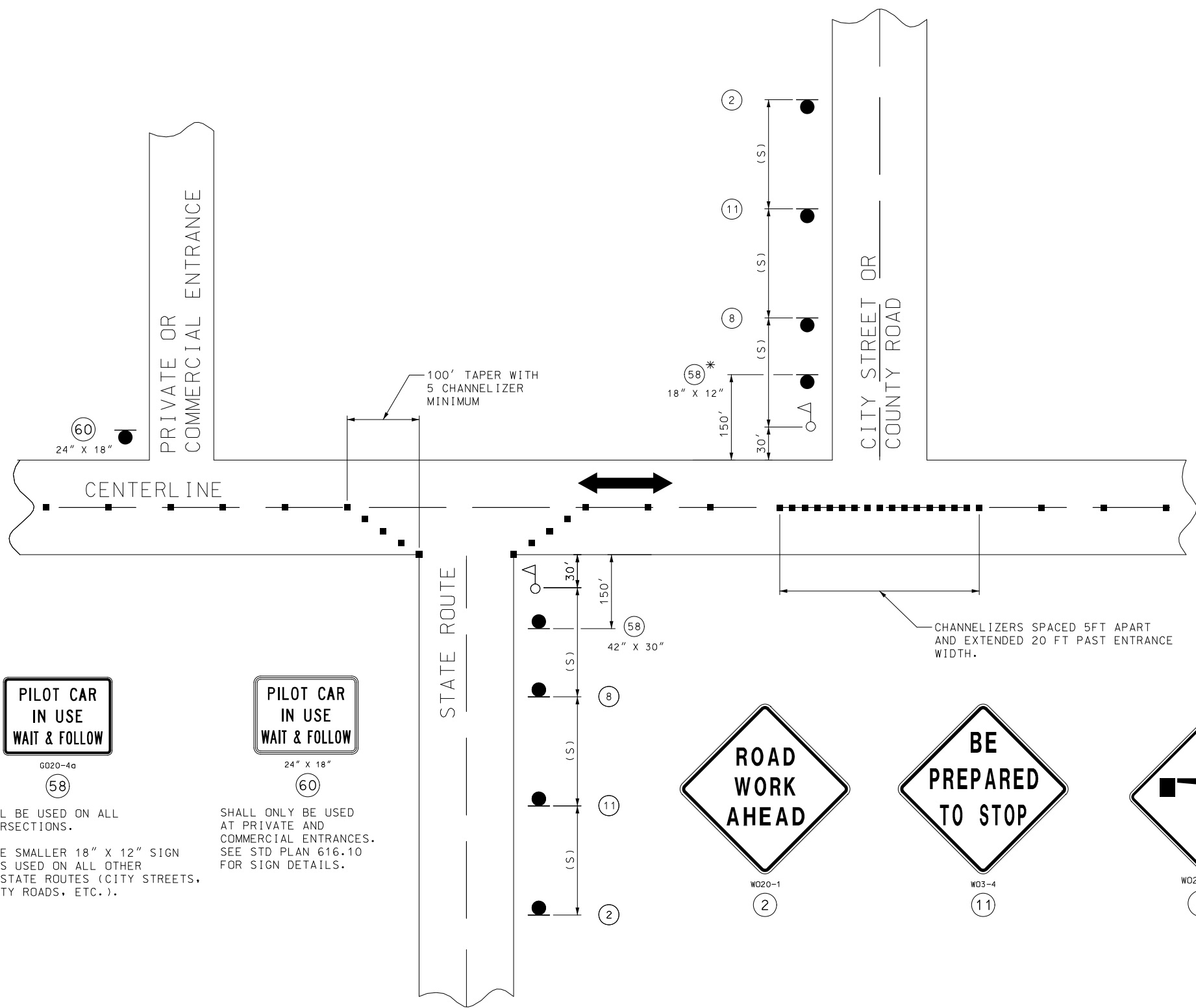
BRIDGE NO.

DESCRIPTION	DATE

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

TRAFFIC CONTROL SHEET  
1 OF 5

TRAFFIC CONTROL SHEET  
2 OF 5



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

STATE OF MISSOURI

RYAN JOSEPH LIBBERT

NUMBER

PE-2006019679

PROFESSIONAL ENGINEER

08/17/2025 7:36:02 AM

RYAN JOSEPH LIBBERT - CIVIL

MO-PE-2006019679

DATE PREPARED

6/5/2025

ROUTE

U

DISTRICT

CD

STATE

MO

SHEET NO.

7

COUNTY

MILLER/PULASKI

JOB NO.

JCD0147

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

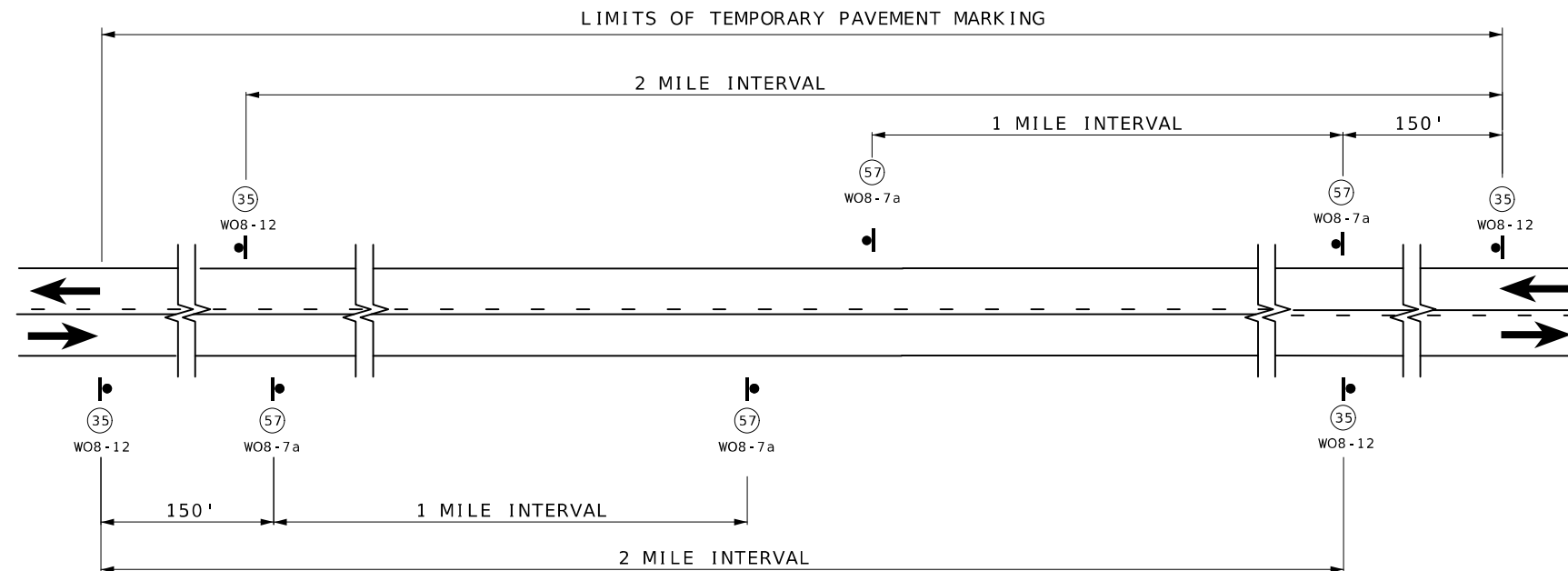
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL SHEET

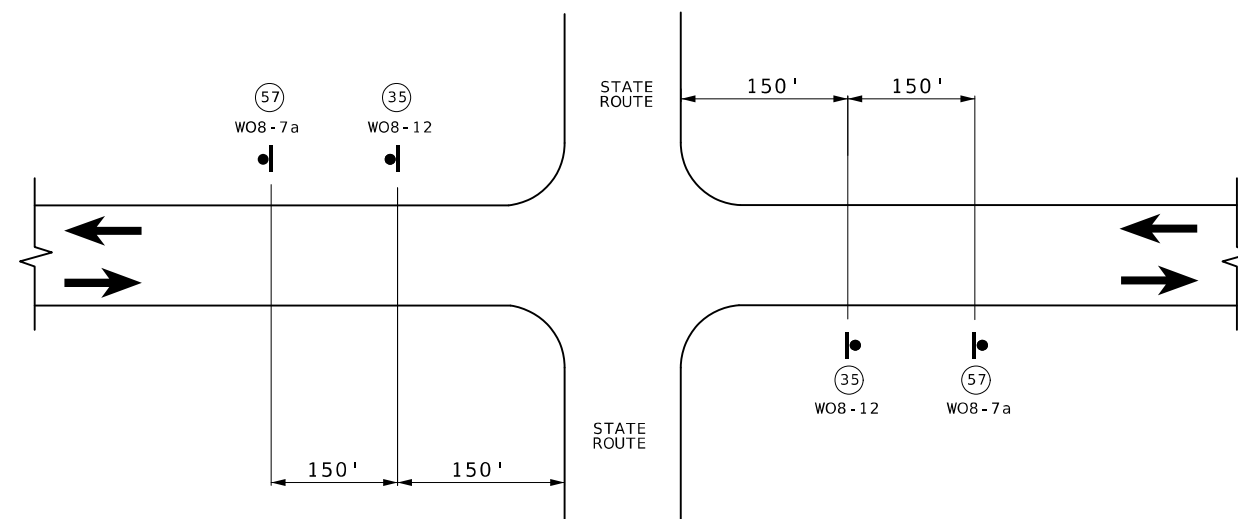
3 OF 5

SIDE ROADS ENTERING WORK ZONES

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 :

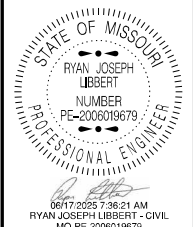
SIGN (35) AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS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

U	MO
---	----

DISTRICT	SHEET NO.
GD	2

CD	8
----	---

COUNTY  
MILLER (BLACK)

MILLER/PULASKI

JOB NO.  
LCD0147

JCD0147

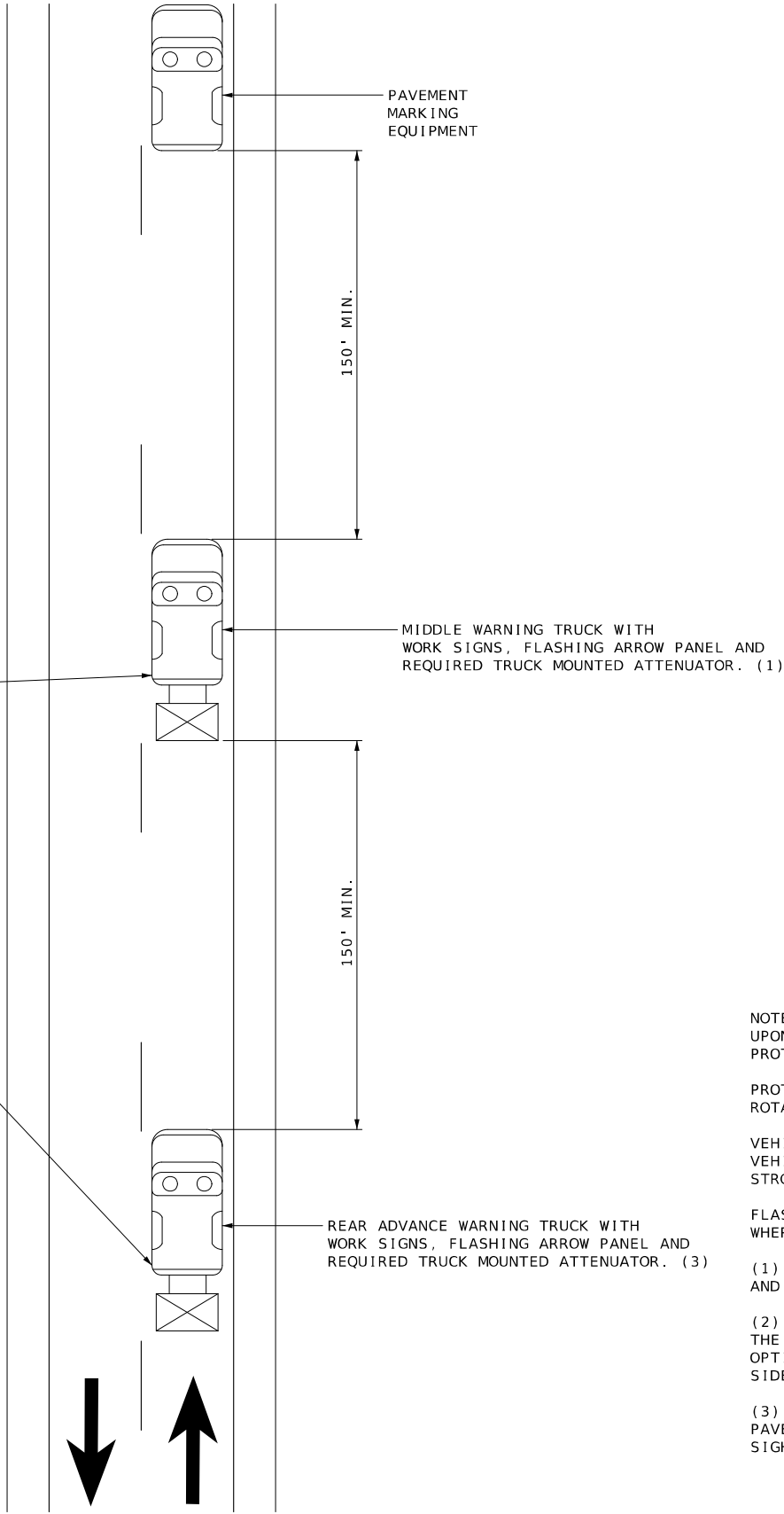
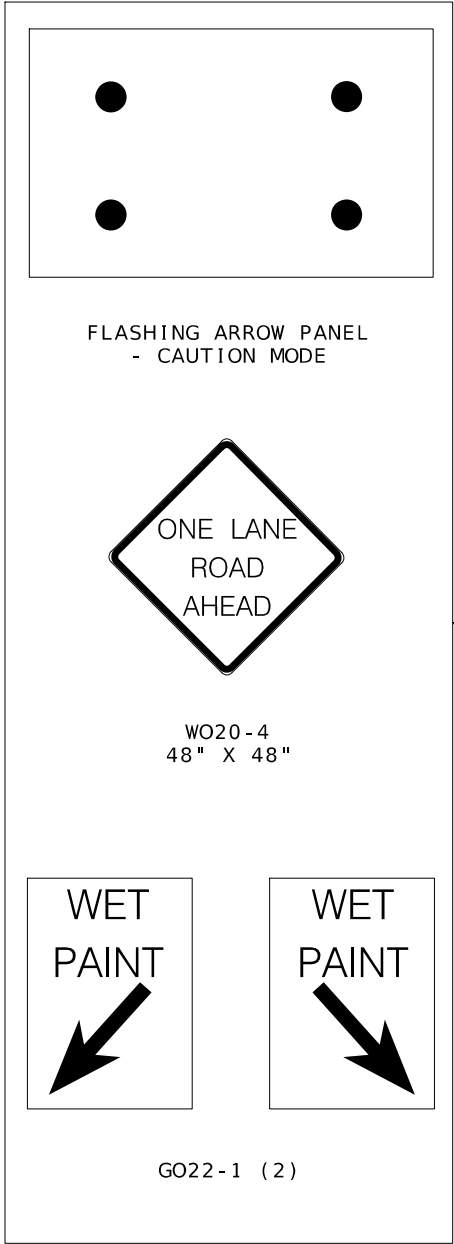
CONTRACT ID.
--------------

PROJECT NO.
-------------

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

TRAFFIC CONTROL SHEET  
4 OF 5



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

PROTECTIVE TRUCK 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.

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 IS 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 ADVANCE 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.

STATE OF MISSOURI

RYAN JOSEPH LIBBERT

NUMBER

PE-2006019679

PROFESSIONAL ENGINEER

06/17/2025 7:36:43 AM

RYAN JOSEPH LIBBERT - CIVIL

MO-PE-2006019679

DATE PREPARED

6/5/2025

ROUTE

U

DISTRICT

CD

STATE

MO

SHEET NO.

9

COUNTY

MILLER / PULASKI

JOB NO.

JCD0147

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

TRAFFIC CONTROL SHEET

5 OF 5