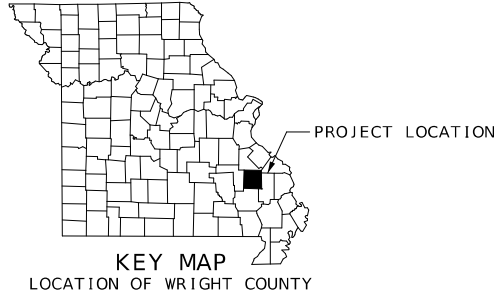


DESIGN DESIGNATION

A.A.D.T. - 2025 = 6698

FUNCTIONAL CLASSIFICATION- FREEWAY

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



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
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QUANTITIES (QU) -----	3
PLAN-PROFILE (PP)-----	4
TRAFFIC CONTROL SHEETS (TC)-----	5-8

CHRIS E. BERRY
NUMBER
2001018707
PROFESSIONAL ENGINEER

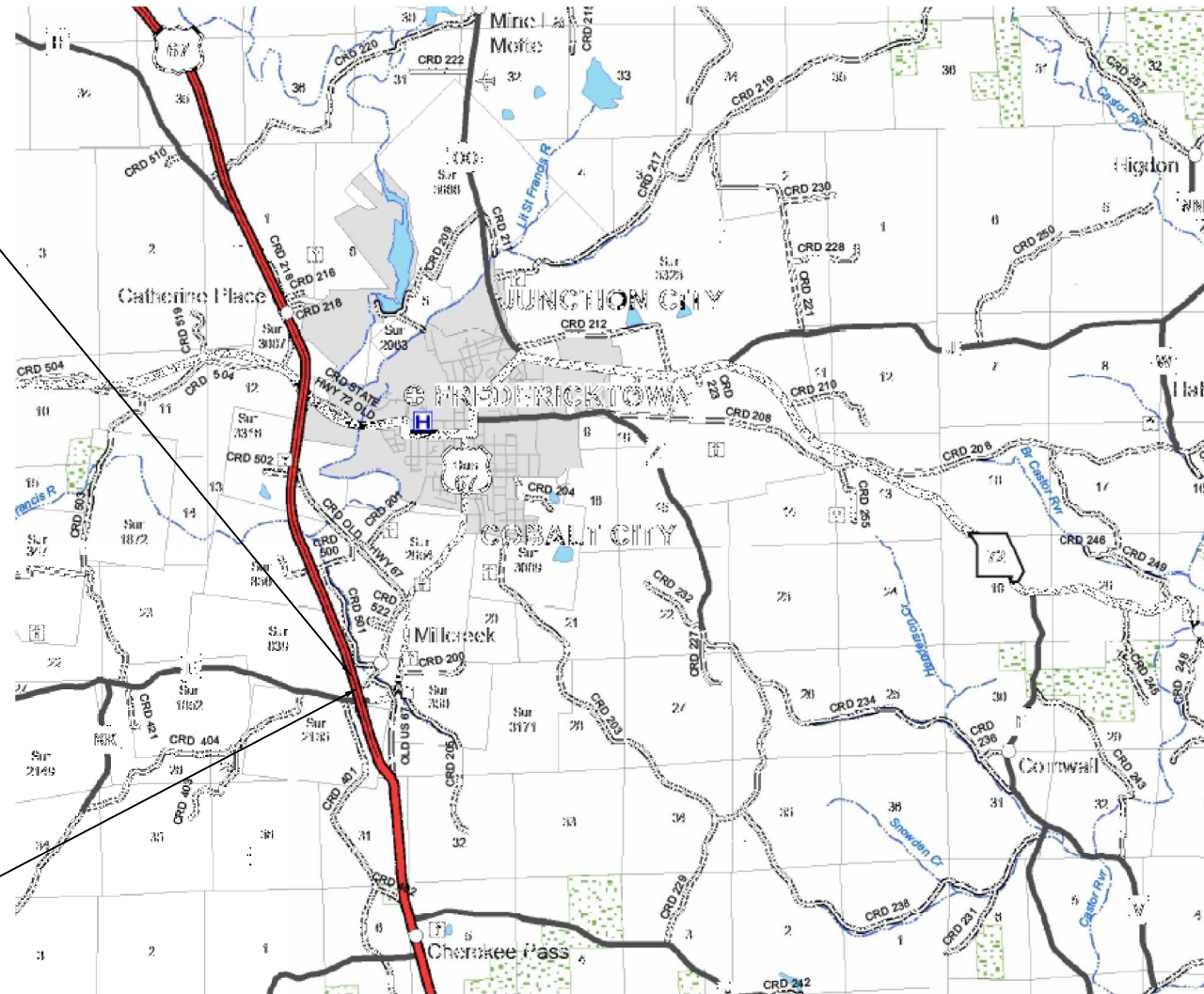
DATE PREPARED
2/11/2025

ROUTE 67	STATE MO
DISTRICT SE	SHEET NO. 1

COUNTY
MADISON

JOB NO.
JSEM0084

CONTRACT ID.



LOG MILE :
81.50

LOG MILE :
81.18

PROJECT LIMITS
NBL PAVEMENT GROOVING

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

LENGTH OF PROJECT

BEGINNING OF PROJECT	LM 81.18
END OF PROJECT	LM 81.50
APPARENT LENGTH	0.32 MILES

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	1689.6 FEET
STATE LENGTH	0.32 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.0 ACRES

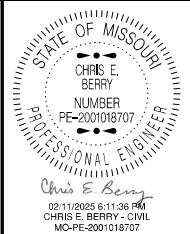
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TITLE SHEET

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.

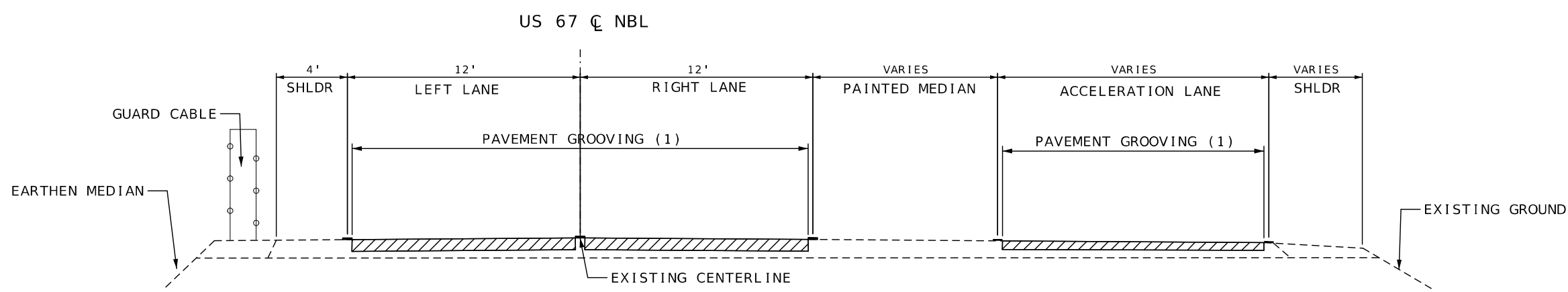


DATE PREPARED
2/11/2025
ROUTE 67 STATE MO
DISTRICT SE SHEET NO. 2
COUNTY MADISON
JOB NO. JSEM0084
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

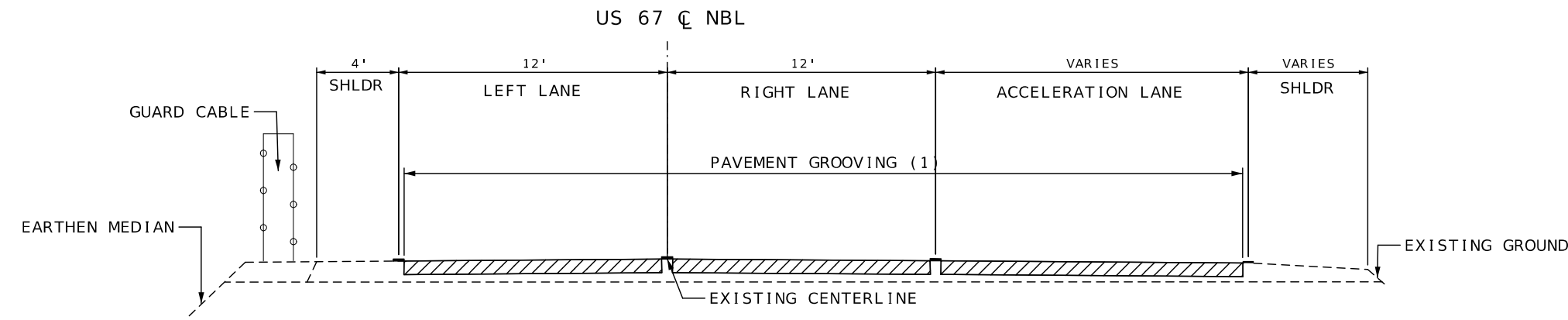
DATE	DESCRIPTION

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 2



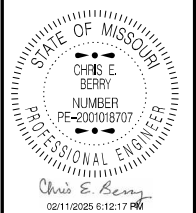
TYPICAL SECTION
ROUTE 67 NBL
LOG MILE 81.180 TO 81.240



TYPICAL SECTION
ROUTE 67 NBL
LOG MILE 81.240 TO 81.344

- NOTE :
- (1) GROOVING SHALL BE COMPLETED BETWEEN EXISTING LANE LINE PAVEMENT MARKINGS, DO NOT DISTURB EX. PAVEMENT MARKINGS
 - (2) PAVEMENT GROOVING LIMITS SHALL STAY AT LEAST 6 INCHES AWAY FROM THE EXISTING CONCRETE PAVEMENT JOINTS
 - (3) NO OVERLAPPING OF PAVEMENT GROOVING ALLOWED

DRAWING NOT TO SCALE



DATE PREPARED
2/11/2025

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 2

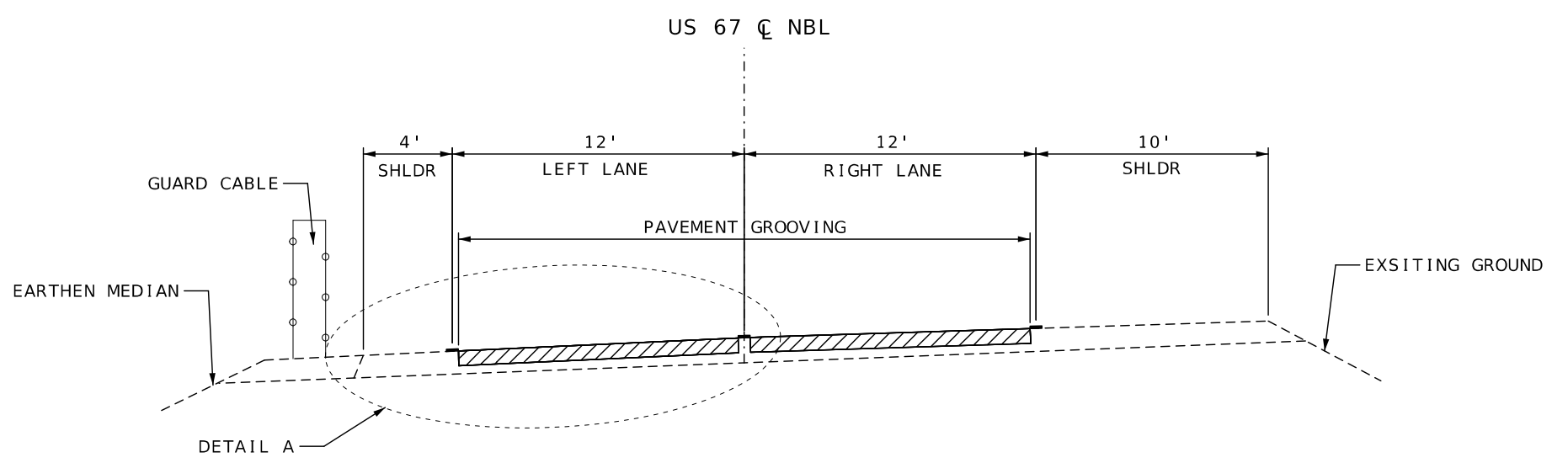
COUNTY MADISON

JOB NO. JSEM0084

CONTRACT ID.

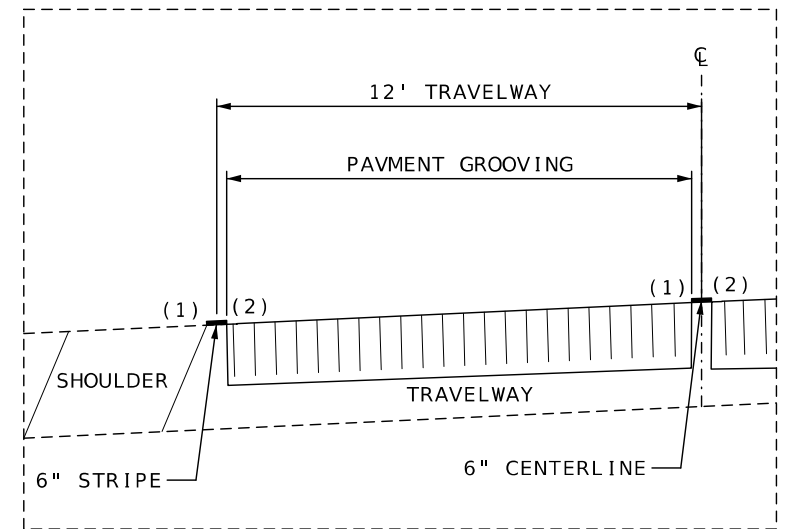
PROJECT NO.

BRIDGE NO.



TYPICAL SECTION
ROUTE 67 NBL
LOG MILE 81.344 TO 81.500

DETAIL A



NOTE:

(1) GROOVING SHALL BE COMPLETED BETWEEN EXISTING LANE LINE PAVEMENT MARKINGS, DO NOT DISTURB EX. PAVEMENT MARKINGS

(2) PAVEMENT GROOVING LIMITS SHALL STAY AT LEAST 6 INCHES AWAY FROM THE EXISTING CONCRETE PAVEMENT JOINTS

(3) NO OVERLAPPING OF PAVEMENT GROOVING ALLOWED

DRAWING NOT TO SCALE

DATE	DESCRIPTION

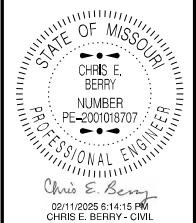
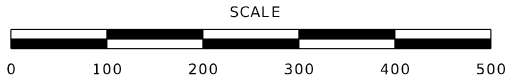
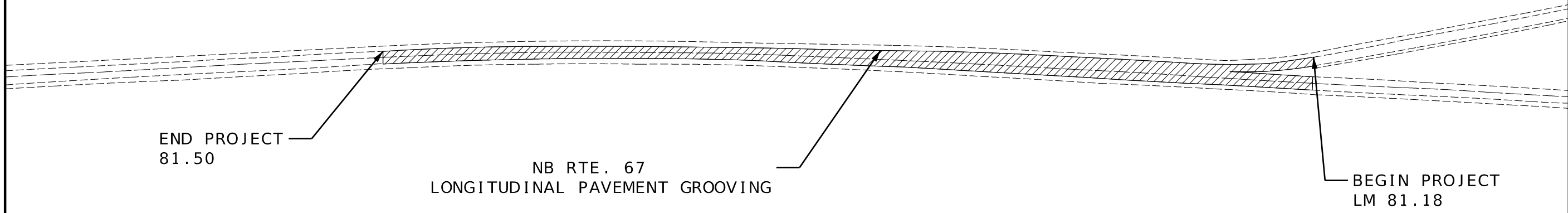
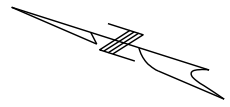
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TYPICAL SECTION
SHEET 2 OF 2

MOBILIZATION
1 LUMP SUM

RTE 67 NBL PAVEMENT GROOVING							
LOG MILE	LOG MILE	TOTAL LENGTH (FT)	RIGHT LANE WIDTH (FT)	LEFT LANE WIDTH (FT)	ACCL LANE WIDTH (FT)	PAVEMENT GROOVING (SY)	REMARKS
81.18	81.5	1689.6	11	11	VAR.	5821.85	
				TOTAL		5821.85	
				USE		5821.9	



DATE PREPARED
2/11/2025

ROUTE 67	STATE MO
DISTRICT SE	SHEET NO. 4

COUNTY
MADISON

JOB NO.
JSEM0084

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)

PLAN SHEET
1 OF 1

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING (FT)	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
	0-35	205	225	245	35
40-45	450	495	540	40	80
50-55	550	605	660	50	80
60-70	700	770	840	60	120

TAPER LENGTH (L):
 $L = WS$ FOR 45 MPH OR MORE
 $L = \frac{WS^2}{60}$ FOR 40 MPH OR LESS
 FOR SHOULDER TAPER USE $L/3$

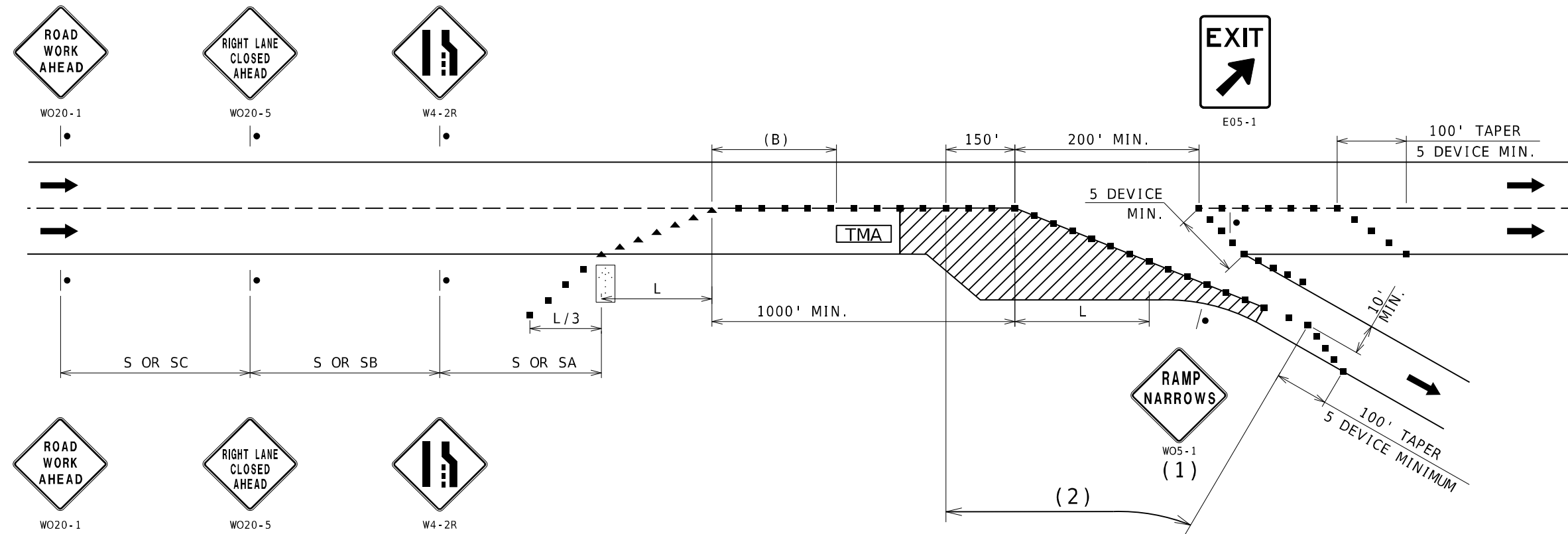
WHERE:
 L = TAPER LENGTH IN FEET
 W = LATERAL SHIFT IN FEET
 S = POSTED SPEED IN MPH

SPEED PERMANENT POSTED (MPH)	SIGN SPACING (FT) DIVIDED (S)	TAPER LENGTH (FT)		OPTIONAL BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
		SHLDR (T1)	LANE (T2)		TAPERS	BUFFER/WORK AREAS
0-35	200	70	245	280	35	40
40-45	500	150	540	400	40	80
50-55	1000	185	660	560	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	840	60	120

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◌ SIGN (DOUBLE SIDED)
- CHANNELIZER
- ▲ DIRECTIONAL INDICATOR BARRICADE (DIB)
- ◻ FLASHING ARROW PANEL
- ▨ ADVANCE WARNING RAIL SYSTEM (AWRS)
- E BARRICADE
- ◌ FLAGGER
- ◻ TRUCK MOUNTED ATTENUATOR
- ▨ WORK SPACE

EXIT RAMP AREA DECELERATION LANE WORK



NOTES:

- (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (2) CHANNELIZER SPACING AT 50'.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

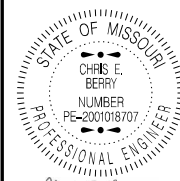


DATE PREPARED: 2/11/2025
 ROUTE: 67 STATE: MO
 DISTRICT: SE SHEET NO.: 5
 COUNTY: MADISON
 JOB NO.: JSEM0084
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:

DATE	DESCRIPTION

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

TRAFFIC CONTROL SHEET 1 OF 4



Chris E. Berry
CHRIS E. BERRY - CIVIL
MO-PE-2001018707

DATE PREPARED
2/11/2025

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 6

COUNTY MADISON

JSEM0084

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

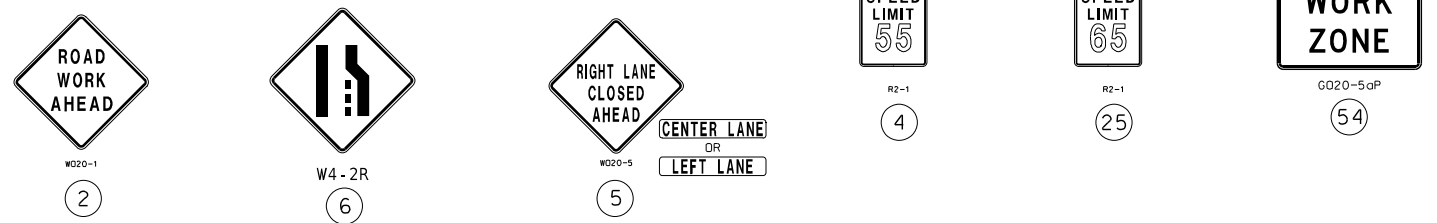
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

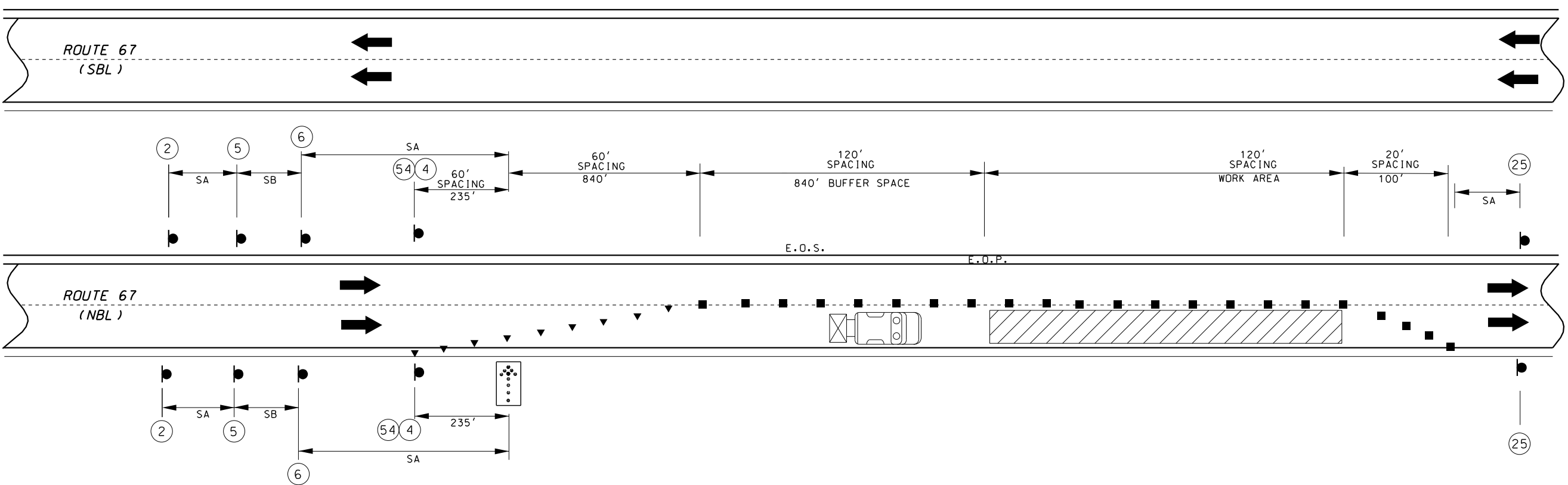
MoDOT

TRAFFIC CONTROL SHEET 2 OF 4



SIGN SPACING FOR ADVANCE SIGN SERIES IN FEET (1) (2)

SPEED (P) MPH	NON-DIVIDED HIGHWAYS (S)		DIVIDED HIGHWAYS (S)	
	SA	SB	SA	SB
0-35	200	200	200	200
40-45	350	350	500	500
50-55	500	500	1000	1000
60-70	SA-1000, SB-1500, SC-2640			



TYPICAL LANE CLOSURE
DIVIDED HIGHWAY
ROUTE 67

- TRAFFIC CONTROL LEGEND
- SIGN (SINGLE SIDED)
 - |• SIGN (DOUBLE SIDED)
 - CHANNELIZER
 - ▲ DIRECTIONAL INDICATOR BARRICADE (DIB)
 - ⋯ FLASHING ARROW PANEL
 - ▨ ADVANCE WARNING RAIL SYSTEM (AWRS)
 - ⌌ BARRICADE
 - ⦿ FLAGGER
 - ⊠ TRUCK MOUNTED ATTENUATOR
 - ▧ WORK SPACE

NOTES:
1. SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

Sign Spacing, Device Spacing and Channelizing Taper Lengths

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING (FT)	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	40
40-45	450	495	540	40	80
50-55	550	605	660	50	80
60-70	700	770	840	60	120

LONGITUDINAL BUFFER SPACE (B)	
SPEED MPH	BUFFER SPACE (FEET)
0-35	250
40-45	360
50-55	495
60-70	730

SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2)		
SPEED MPH	UNDIVIDED HIGHWAYS (FT)	DIVIDED HIGHWAYS (FT)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	SA-1000 SB-1500 SC-2640

TAPER LENGTH (L):
 $L = WS$ FOR 40 MPH OR MORE
 $L = \frac{WS^2}{60}$ FOR 35 MPH OR LESS
 FOR SHOULDER TAPER USE L/3

WHERE:
 L = TAPER LENGTH IN FEET
 W = LATERAL SHIFT IN FEET
 S = POSTED SPEED IN MPH

NOTES:









- DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.
- SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION
 - SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

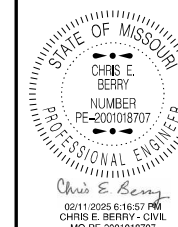
TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
- EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
- NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
- CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
- LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

TRAFFIC CONTROL LEGEND

-  SIGN (SINGLE SIDED)
-  SIGN (DOUBLE SIDED)
-  FLAGGER
-  DIRECTIONAL INDICATOR BARRICADE
-  CHANNELIZER
-  BARRICADE
-  CHANGEABLE MESSAGE BOARD
-  TRUCK MOUNTED ATTENUATOR W/ FLASHING ARROW



DATE PREPARED
2/11/2025

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 7

COUNTY MADISON

JOB NO. JSEM0084

CONTRACT ID.

PROJECT NO.


BRIDGE NO.

DATE	DESCRIPTION

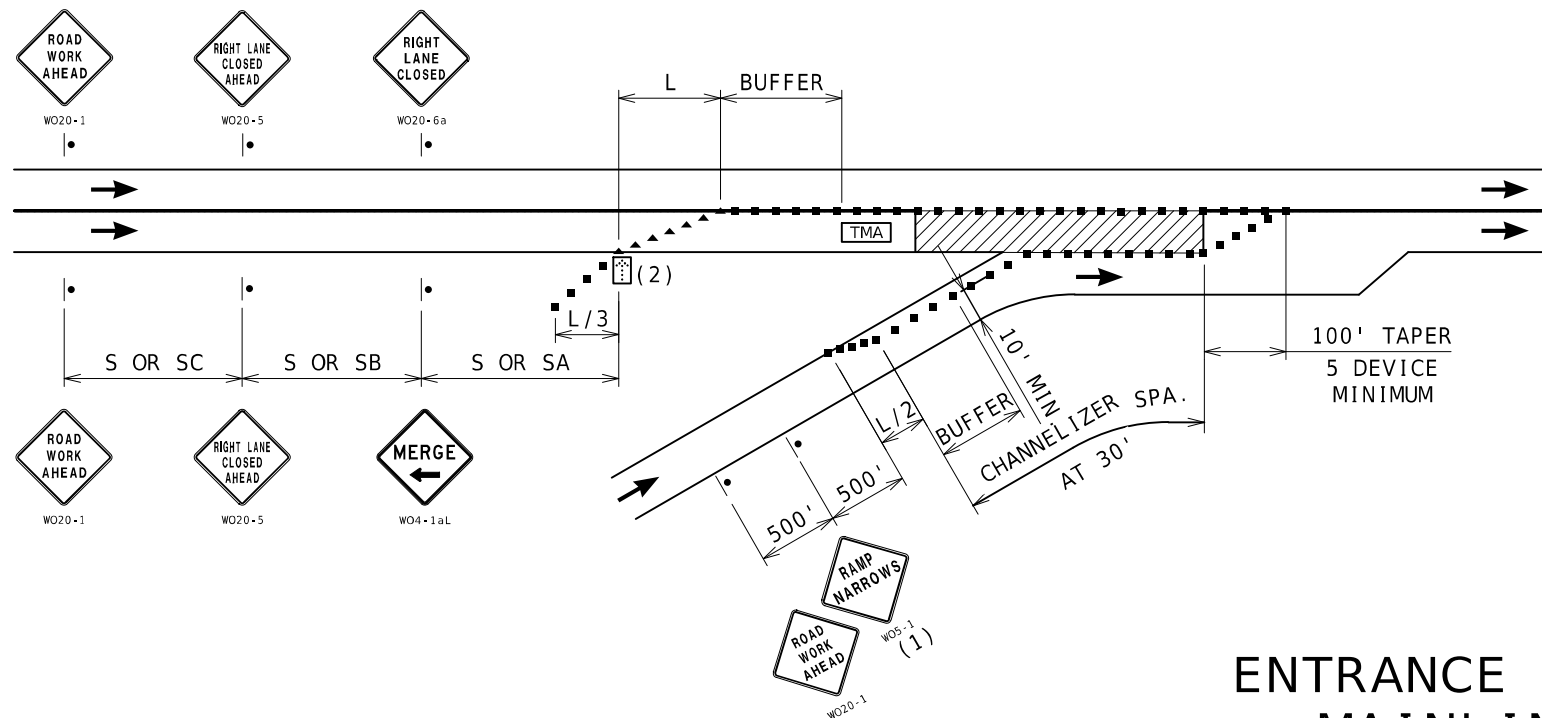
DATE	DESCRIPTION

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

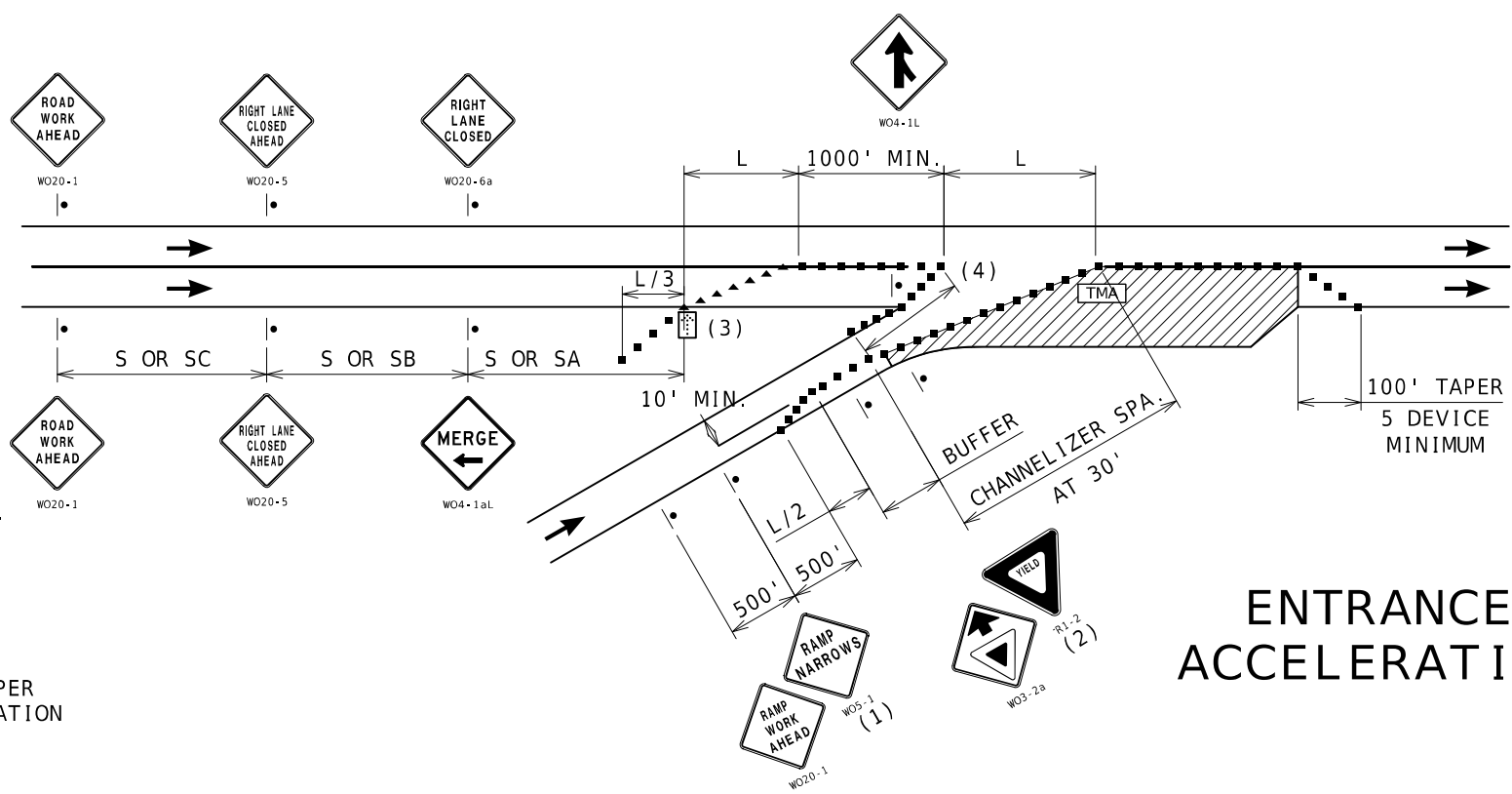


NOTES:

SEE TCP SHEET 2 FOR SIGN SPACING AND TAPER LENGTHS.

- (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (2) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.

ENTRANCE RAMP AREA
MAINLINE WORK



NOTES:

SEE TCP SHEET 2 FOR SIGN SPACING AND TAPER LENGTHS.

- (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (2) SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.
- (3) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.
- (4) CHANNELIZER SPACING AT 30'.

ENTRANCE RAMP AREA
ACCELERATION LANE WORK

DRAWING NOT TO SCALE.
FOLLOW DIMENSIONS.

DATE PREPARED 2/11/2025	
ROUTE 67	STATE MO
DISTRICT SE	SHEET NO. 8
COUNTY MADISON	
JOB NO. JSEM0084	
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)

TRAFFIC CONTROL
SHEET 4 OF 4