

DESIGN DESIGNATION

VARIOUS ROUTES

AADT (2025): VARIOUS

V = VARIOUS

[illegible]

CONVENTIONAL SYMBOLS

(USED IN PLANS)

EXISTING

NEW

BUILDINGS AND STRUCTURES

GUARD RAIL

CONCRETE RIGHT-OF-WAY MARKER

STEEL RIGHT-OF-WAY MARKER

LOCATION SURVEY MARKER

UTILITIES

FIBER OPTICS

OVERHEAD TELEPHONE

UNDERGROUND TELEPHONE

OVERHEAD POWER

UNDERGROUND POWER

GAS

WATER

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

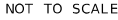
BENCHMARK

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY VARIOUS COUNTIES

NOT TO SCALE

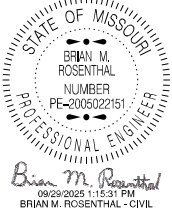
JOB ORDER CONTRACTING
FOR GUARDRAIL IMPROVEMENTS

PROPOSED LOCATIONS ●

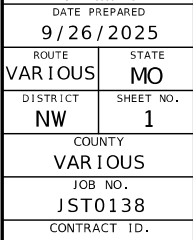


INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TRAFFIC CONTROL SHEETS (TC)-----	2-11

	
DATE PREPARED	
9/26/2025	
ROUTE	STATE
VARIOUS	MO
DISTRICT	SHEET NO.
NW	1
COUNTY	
VARIOUS	
JOB NO.	
JST0138	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
TRANSPORTATION	DESCRIPTION
DATE	
105 WEST CAPITOL SON CITY, MO 65102 T (1-888-275-6636)	

	<div data-cbox="735 10 785 345" data-label="Text"> <p>MISSOURI HIGHWAYS AND COMMISSIONER</p> </div> <div data-bbox="2837 1199 2977 1449" data-label="Image"> </div> <div data-bbox="2940 1199 2977 1326" data-label="Text"> <p>JEFFERSON 1-888-ASK-MODOT</p> </div>
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PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



Sign Spacing, Device Spacing and Channelizing Taper Lengths

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

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING	
	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

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

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

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

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

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

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

▲ DIRECTION INDICATOR BARRICADE

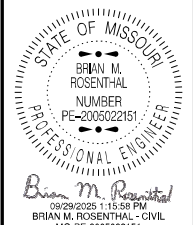
■ CHANNELIZER

E BARRICADE

CHANGEABLE MESSAGE BOARD

FLASHING ARROW PANEL

TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL



DATE PREPARED 9/25/2025	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. JST0138	
CONTRACT ID.	

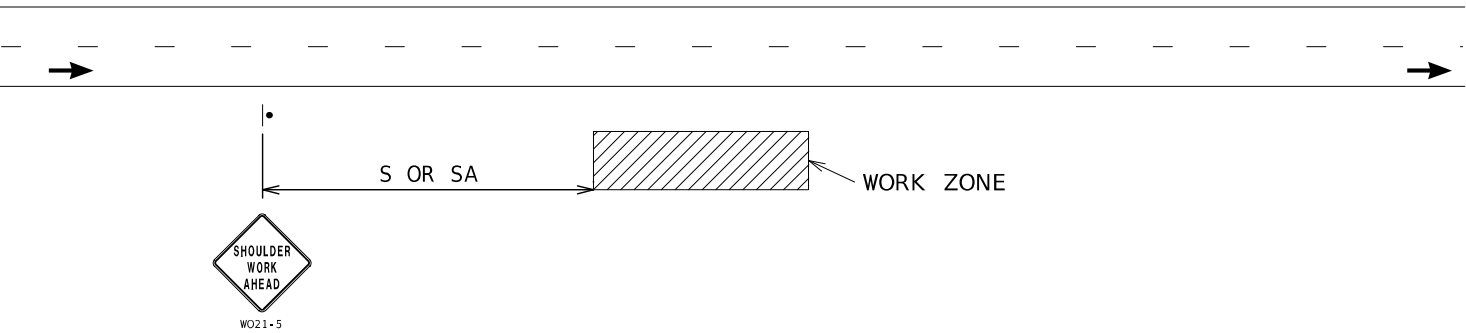
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



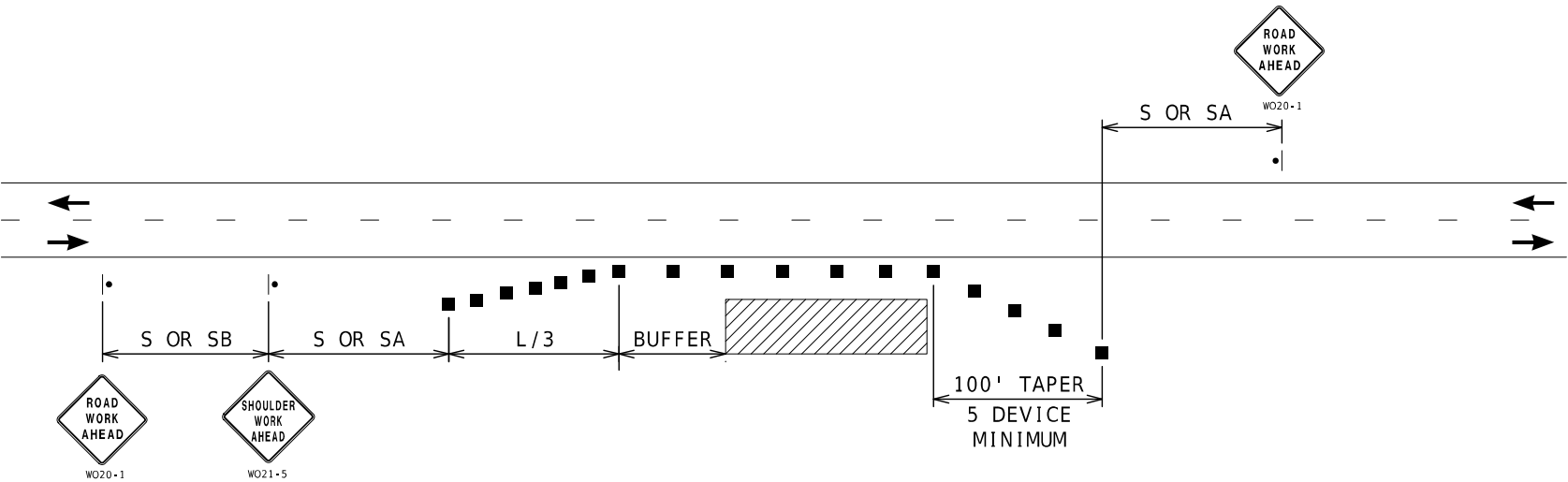
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WORK BEYOND SHOULDER - UNDIVIDED OR DIVIDED ROADWAYS

USED FOR WORK THAT OCCURS OFF THE ROADWAY SHOULDER BUT WITHIN THE CLEAR ZONE.
NOT TO BE USED WHEN WORK VEHICLES ARE PARKED ALONG THE SHOULDER EVEN WHEN
THE WORK IS BEING PERFORMED OFF THE SHOULDER.

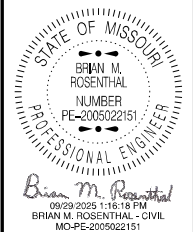
NOTES :
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



SHOULDER WORK - UNDIVIDED ROADWAYS

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER.

NOTES :
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



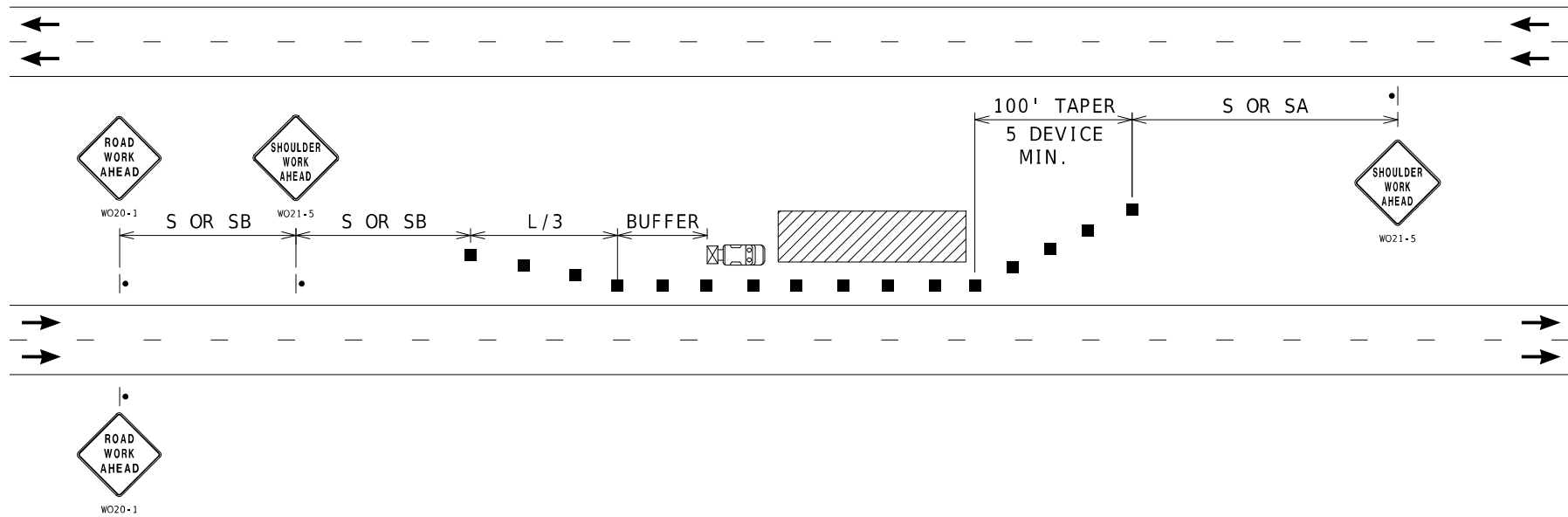
DATE PREPARED 9/25/2025	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 3
COUNTY VARIOUS	
JOB NO. JST0138	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

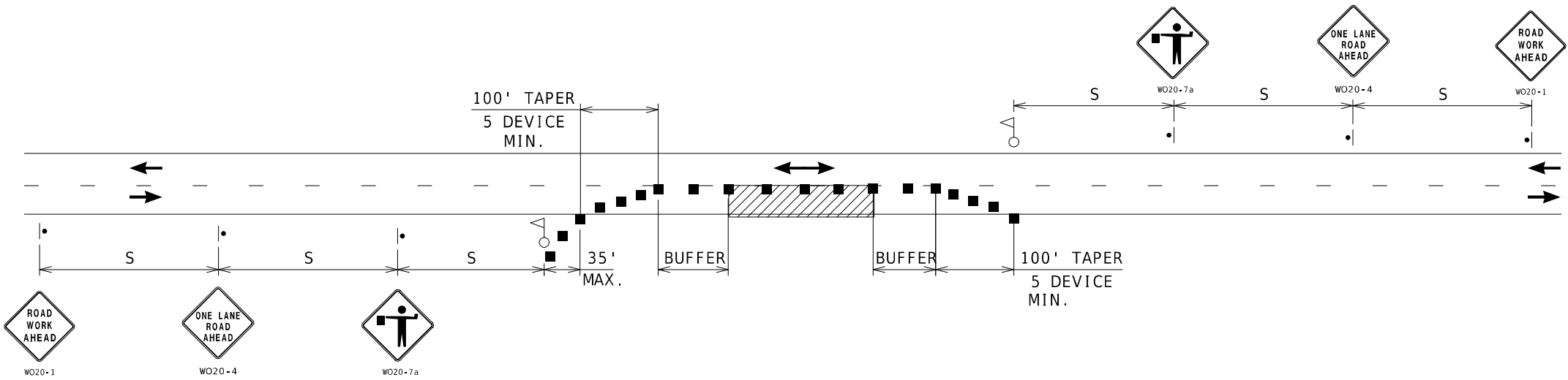


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LEFT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

NOTES:
USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



ONE-LANE TWO-WAY OPERATION WITH FLAGGERS

NOTES:
A MINIMUM OF TWO FLAGGERS WILL BE REQUIRED TO DIRECT TRAFFIC.
ADDITIONAL FLAGGERS MAY BE REQUIRED WHEN WORKING AT INTERSECTING
STREETS OR RAMPs AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT
WILL BE MADE FOR FLAGGERS
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

STATE OF MISSOURI

BRIAN M. ROSENTHAL

NUMBER

PE-2005022151

PROFESSIONAL ENGINEER

Brian M. Rosenthal

09/29/2025 1:17:04 PM

BRIAN M. ROSENTHAL - CIVIL

MO-PE-2005022151

DATE PREPARED

9/25/2025

ROUTE

VAR.

STATE

MO

DISTRICT

NW

SHEET NO.

5

COUNTY

VARIOUS

JOB NO.

JST0138

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

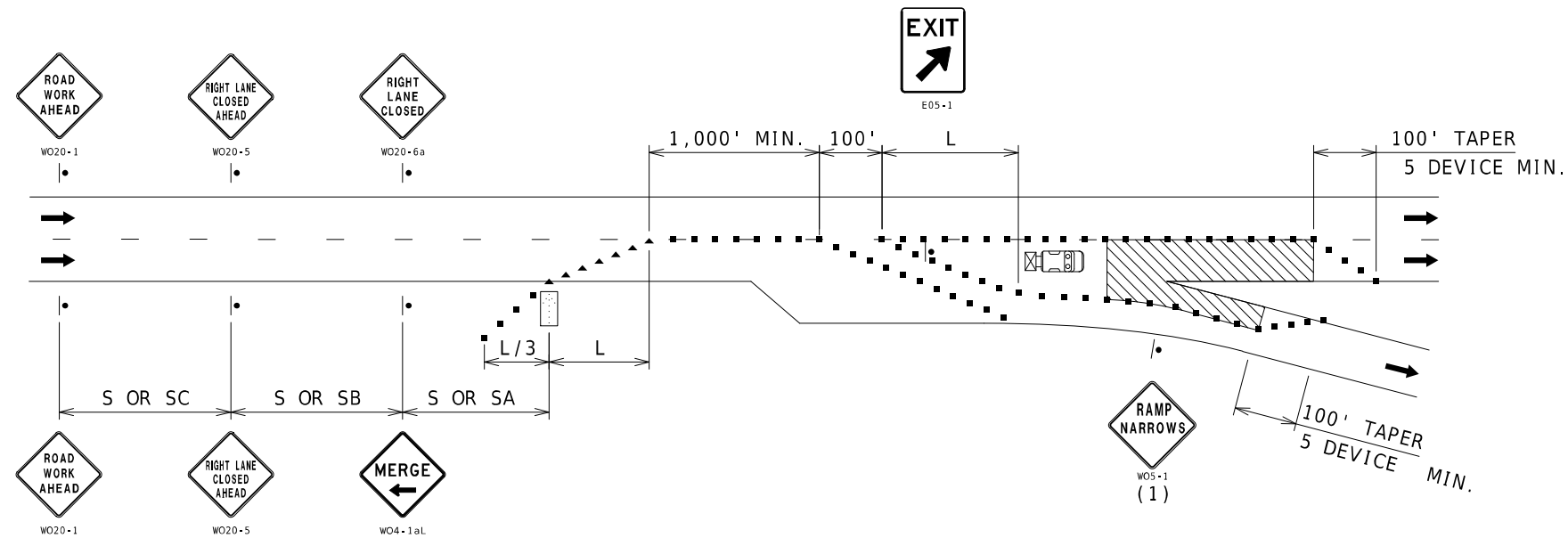
JEFFERSON CITY, MO 65102

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

MoDOT

TRAFFIC CONTROL

SHEET 4 OF 10



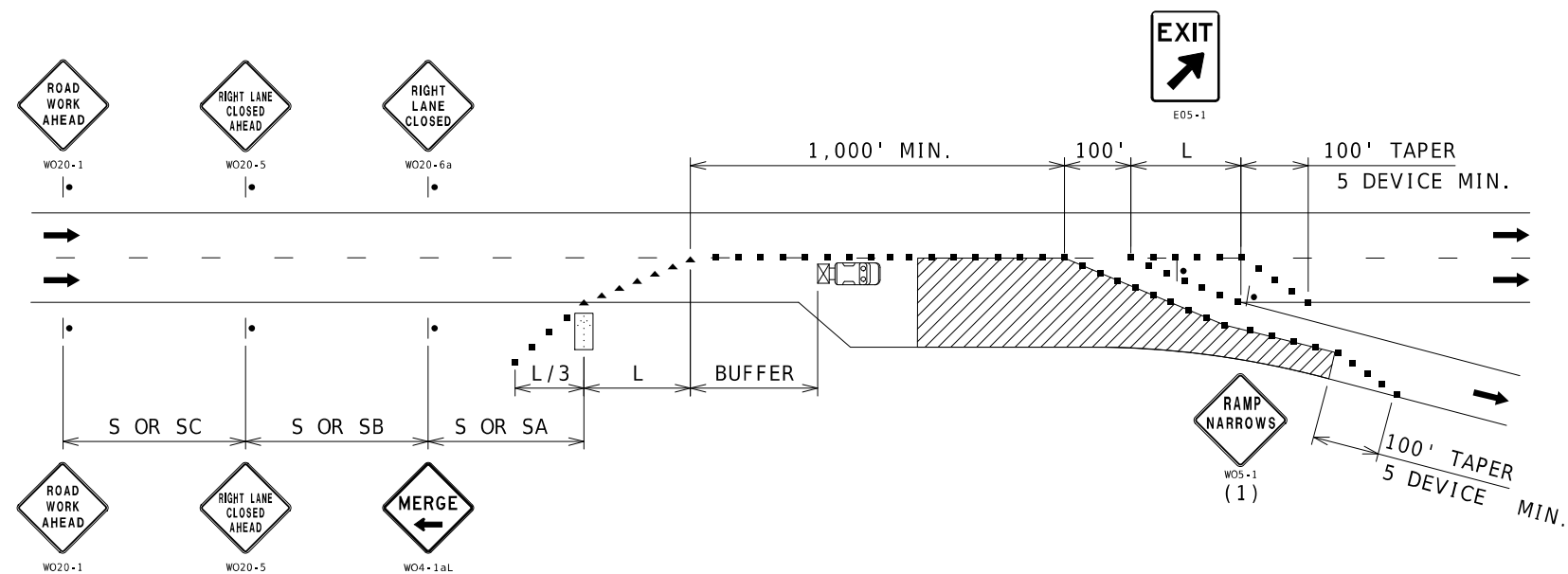
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) CHANNELIZER SPACING AT 50'.

EXIT RAMP AREA MAINLINE WORK



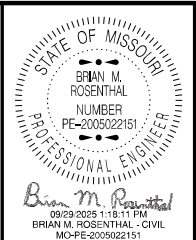
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) CHANNELIZER SPACING AT 50'.

EXIT RAMP AREA DECELERATION LANE WORK



DATE PREPARED
9/25/2025

ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 8

COUNTY
VARIOUS

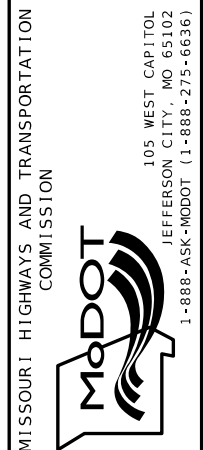
JOB NO.
JST0138

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION



TRAFFIC CONTROL
SHEET 7 OF 10

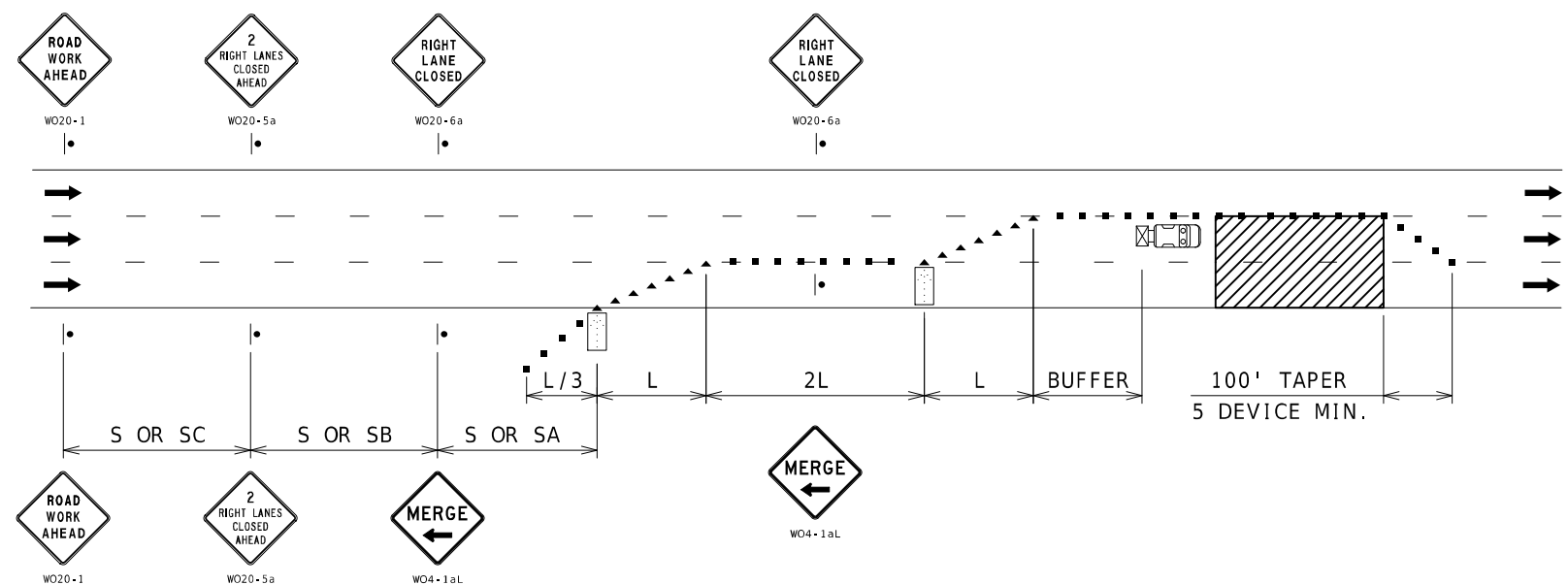


(2) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUCSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.



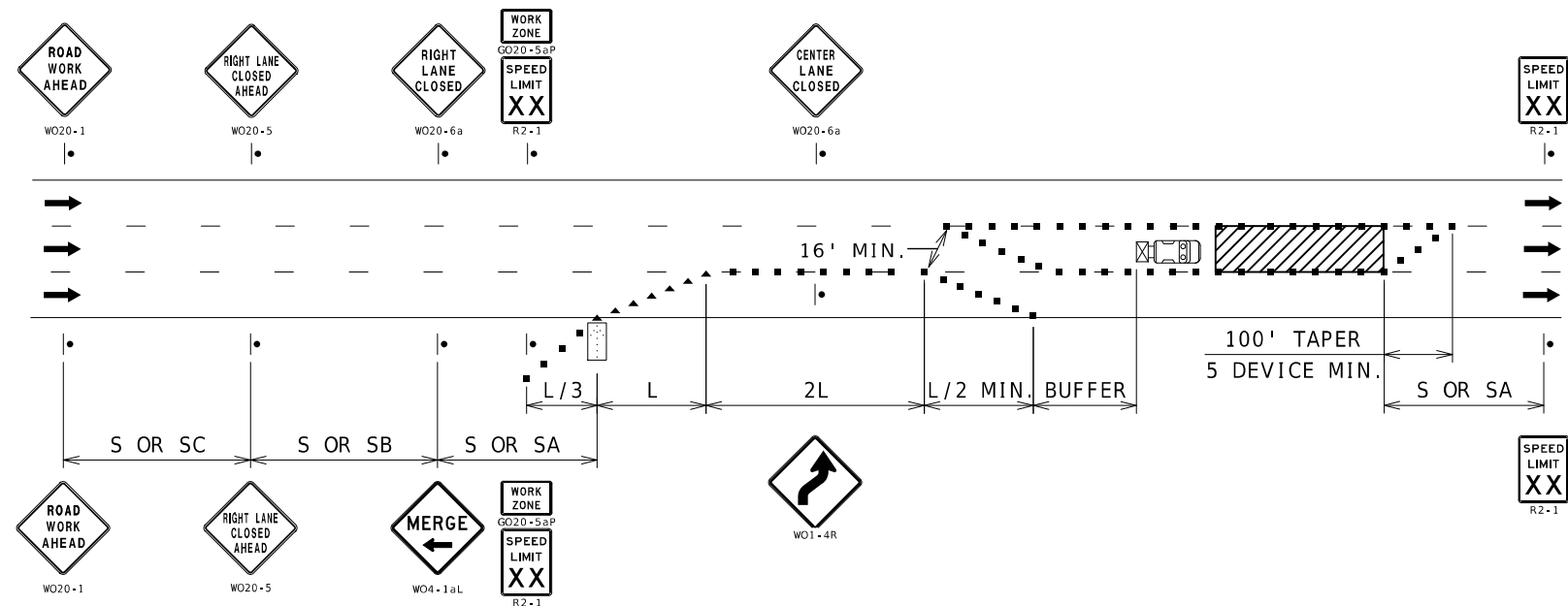
(3) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUCSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.

TRAFFIC CONTROL
SHEET 8 OF 10



NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

DOUBLE LANE CLOSURE



NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

INTERIOR LANE CLOSURE

STATE OF MISSOURI
BRIAN M. ROSENTHAL
NUMBER
PE-2005022151
PROFESSIONAL ENGINEER
Brian M. Rosenthal
09/23/2025 1:18:55 PM
BRIAN M. ROSENTHAL - CIVIL
MO-PE-2005022151

DATE PREPARED
9/25/2025

ROUTE
VAR.

STATE
MO

DISTRICT
NW

SHEET NO.
10

COUNTY
VARIOUS

JOB NO.
JST0138

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 9 OF 10

