

DESIGN DESIGNATION

A.A.D.T. - 2025 = 20,084
V = 70 M.P.H.

FUNCTIONAL CLASSIFICATION- INTERSTATE

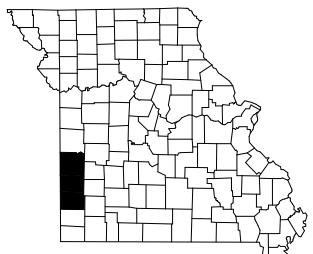
NO NEW R/W REQUIRED

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	— FO —	— FO —
OVERHEAD TELEPHONE	— O —	— O —
UNDERGROUND TELEPHONE	— T —	— T —
OVERHEAD POWER	— P —	— P —
UNDERGROUND POWER	— G —	— G —
GAS	— W —	— W —
WATER		
MANHOLE	○	○
FIRE HYDRANT	○	○
WATER VALVE	○	○
WATER METER	○	○
DROP INLET	○	○
DITCH BLOCK	○	○
GROUND MOUNTED SIGN	○	○
LIGHT POLE	○	○
H-FRAME POWER POLE	○	○
TELEPHONE PEDESTAL	○	○
FENCE	— V —	— X —
CHAIN LINK	— V —	— X —
WOVEN WIRE	— V —	— X —
GATE POST	— V —	— X —
BENCHMARK	○	○

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
VERON, BARTON,
JASPER COUNTIES
JOB ORDER CONTRACTING



LOCATION OF VARIOUS COUNTY

KEY MAP



DATE PREPARED

10/24/2025

ROUTE 149 STATE MO

DISTRICT SW SHEET NO. 2

COUNTY VAR

JOB NO. JSR0180

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



TRAFFIC CONTROL SHEET 1 OF 10

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

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

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

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
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- FLASHING ARROW PANEL
- TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL

TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL

FLASHING ARROW PANEL

CHANGEABLE MESSAGE BOARD

BARRICADE

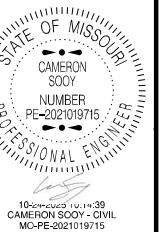
CHANNELIZER

DIRECTION INDICATOR BARRICADE

FLAGGER

SIGN (DOUBLE SIDED)

SIGN (SINGLE SIDED)



DATE PREPARED
10/24/2025

ROUTE 149 STATE MO

DISTRICT SW SHEET NO. 3

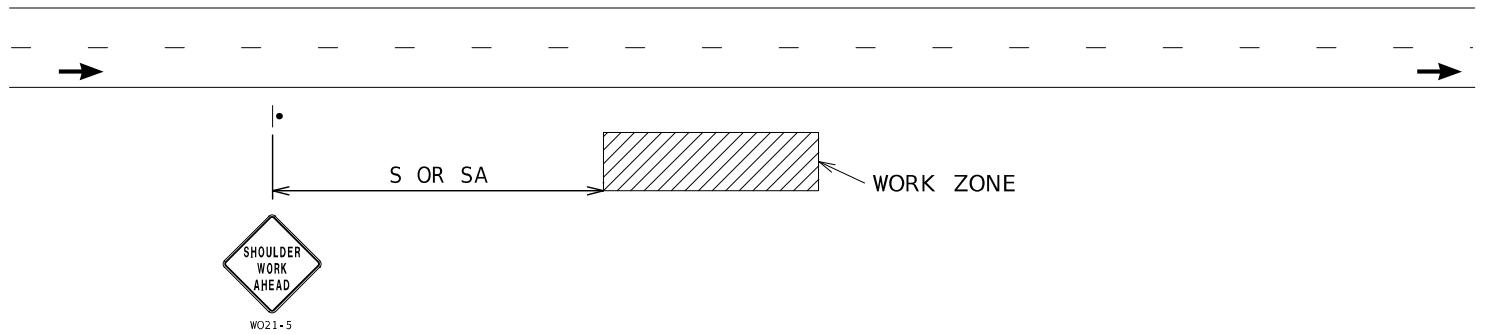
COUNTY VAR

JOB NO. JSR0180

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

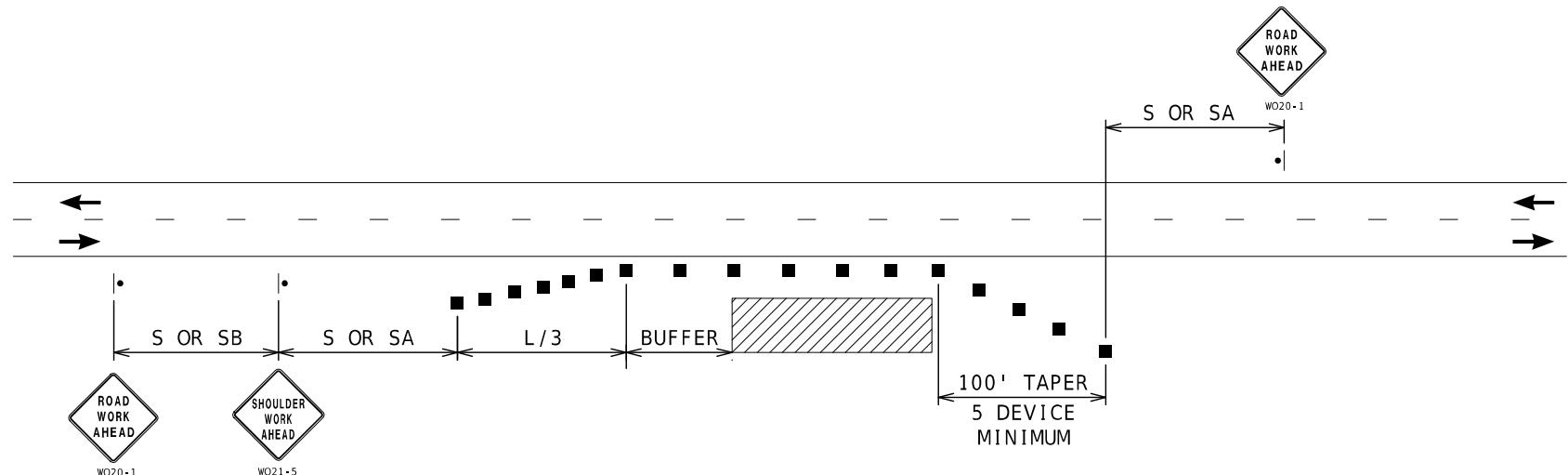


WORK BEYOND SHOULDER - UNDIVIDED OR DIVIDED ROADWAYS

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

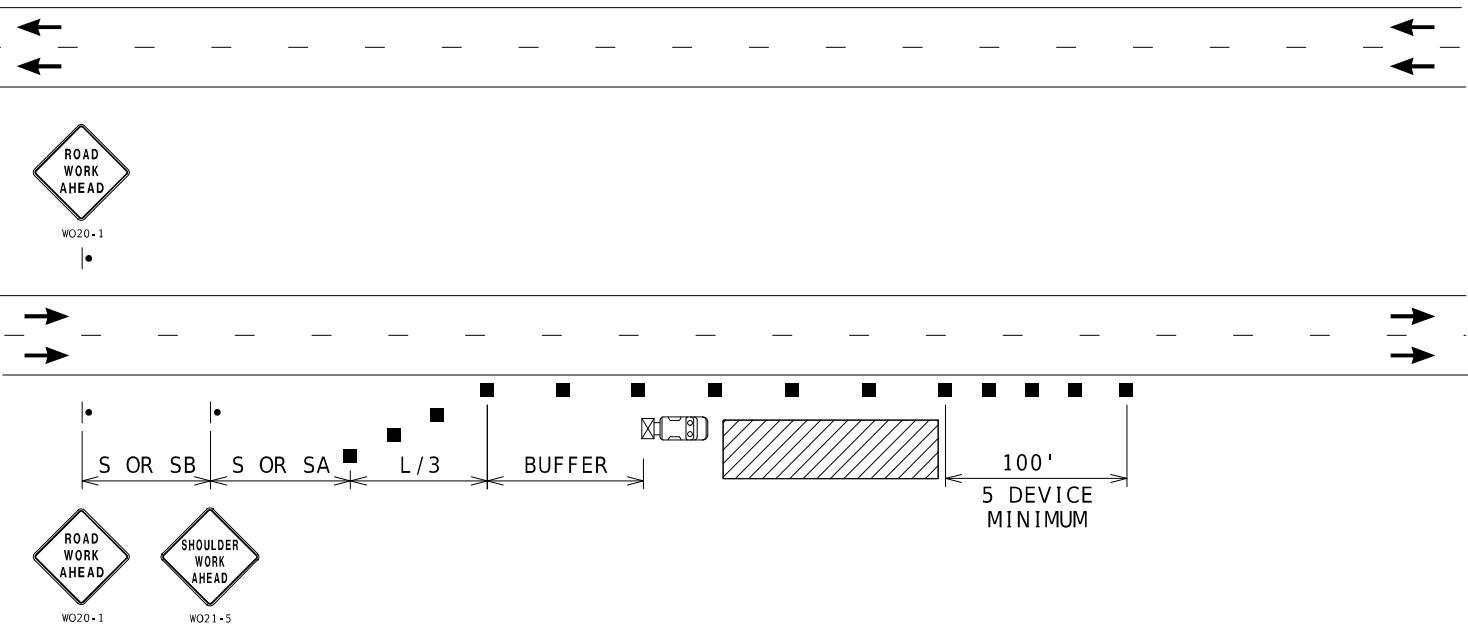
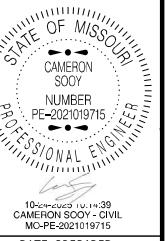
USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER.

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

TRAFFIC CONTROL
SHEET 2 OF 10



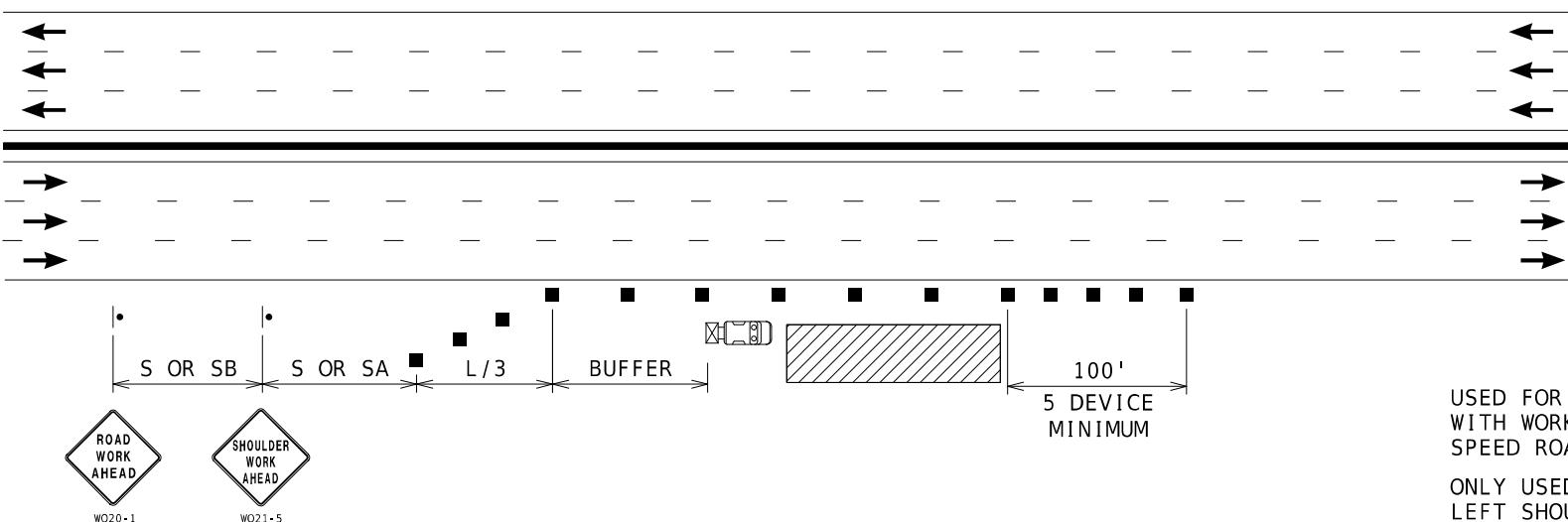


RIGHT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.



USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.

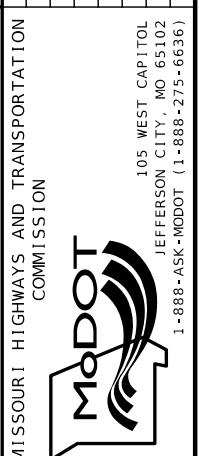
ONLY USED FOR SIX OR MORE LANE FREEWAYS WITH NARROW LEFT SHOULDER ADJACENT TO CONCRETE MEDIAN BARRIER

RIGHT SHOULDER WORK MULTI-LANE FREEWAYS WITH MEDIAN BARRIER

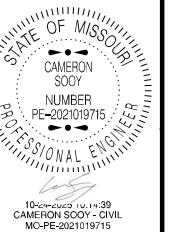
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

DATE PREPARED		10/24/2025
ROUTE	STATE	149 MO
DISTRICT	SHEET NO.	SW 4
COUNTY	JOB NO.	VAR
	CONTRACT ID.	JSR0180
	PROJECT NO.	
	BRIDGE NO.	
	DESCRIPTION	
	DATE	



TRAFFIC CONTROL
SHEET 3 OF 10



10/24/2025 10:39
CAMERON SCOVIL - CIVIL
MC-PE-2021019715

DATE PREPARED
10/24/2025

ROUTE 149 STATE MO

DISTRICT SW SHEET NO. 5

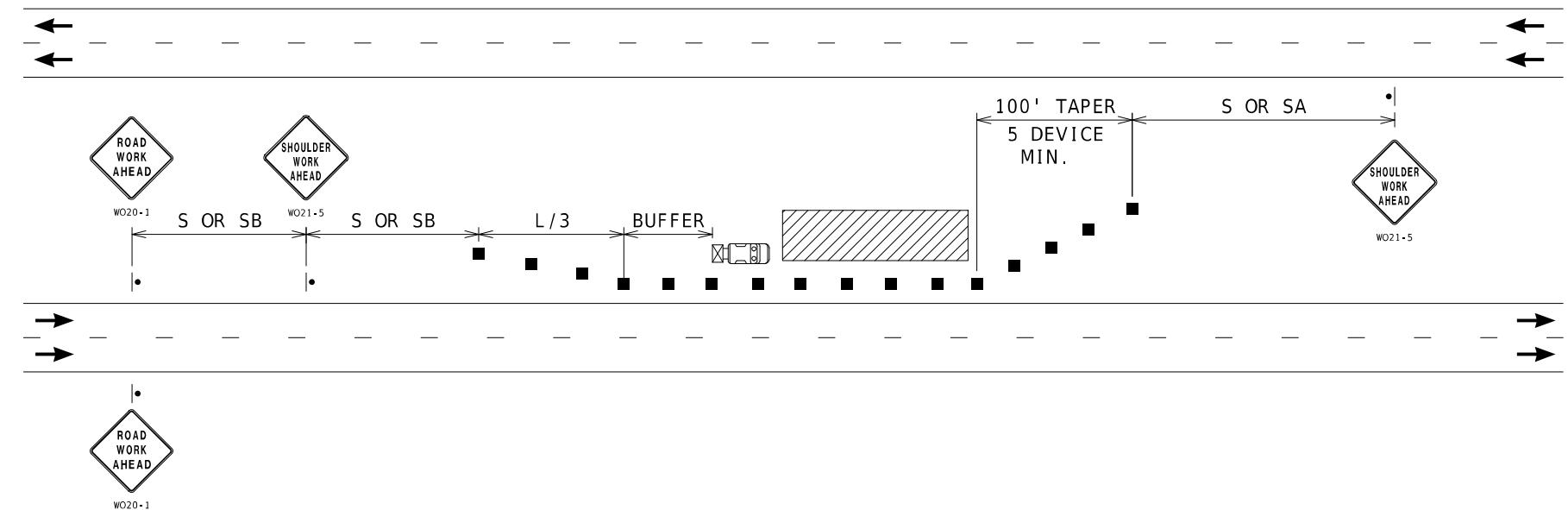
COUNTY VAR

JOB NO. JSR0180

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

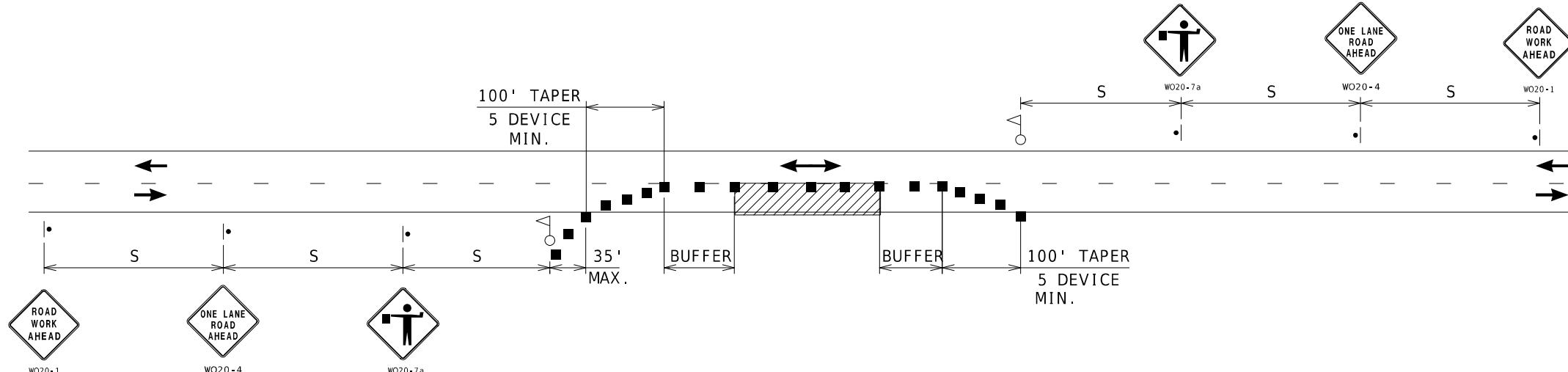


LEFT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



ONE-LANE TWO-WAY OPERATION WITH FLAGGERS

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

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

TRAFFIC CONTROL
SHEET 4 OF 10





10/24/2025 10:39
CAMERON SODDY - CIVIL
MC-PE-2021019715

DATE PREPARED

10/24/2025

ROUTE 149 STATE MO

DISTRICT SW SHEET NO. 6

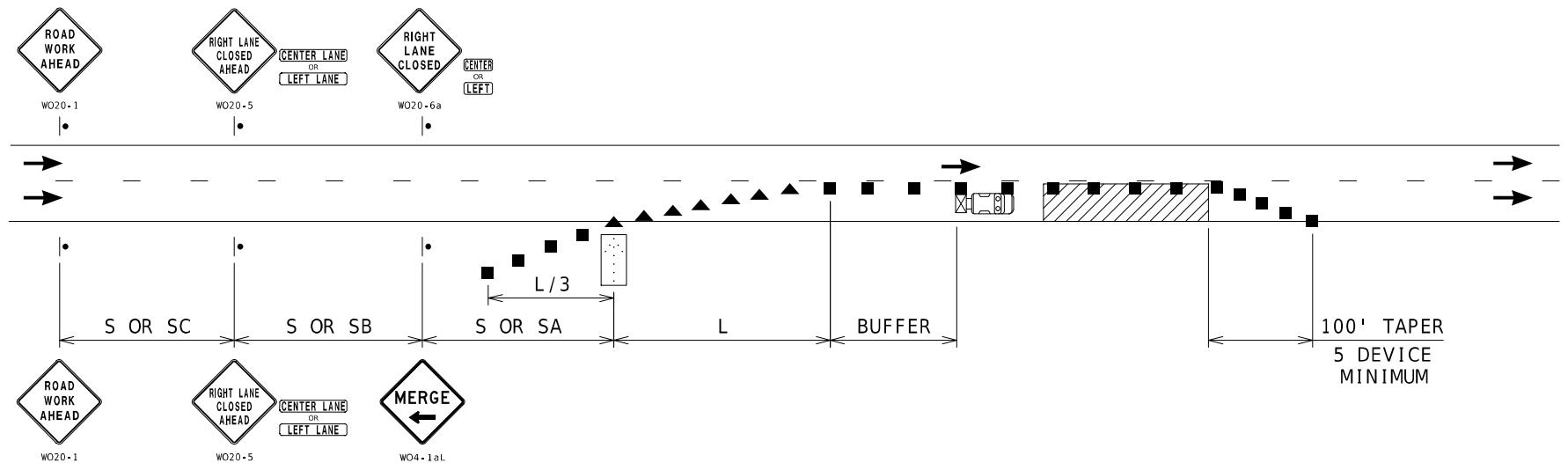
COUNTY VAR

JOB NO. JSR0180

CONTRACT ID.

PROJECT NO.

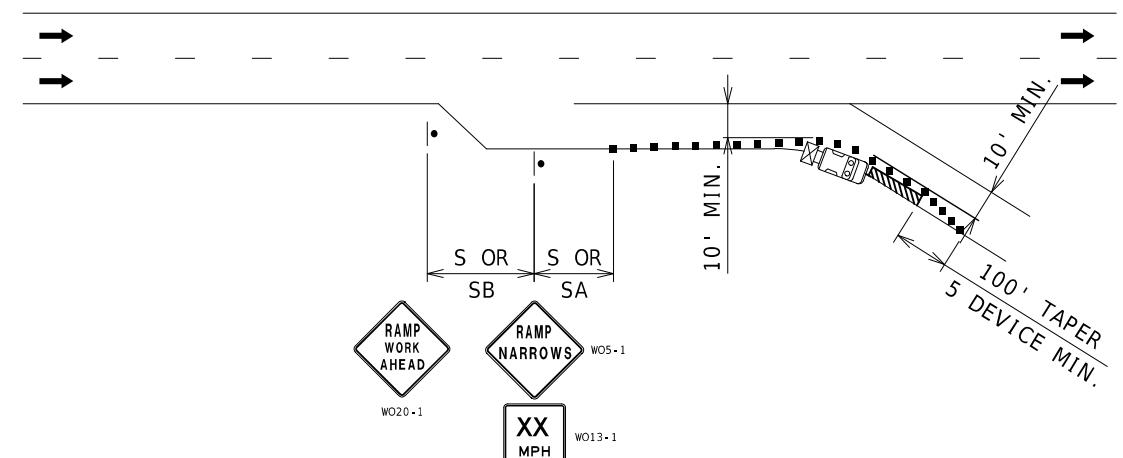
BRIDGE NO.



SINGLE LANE CLOSURE

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



PARTIAL RAMP CLOSURE

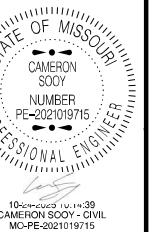
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

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

MODOT

TRAFFIC CONTROL SHEET 5 OF 10



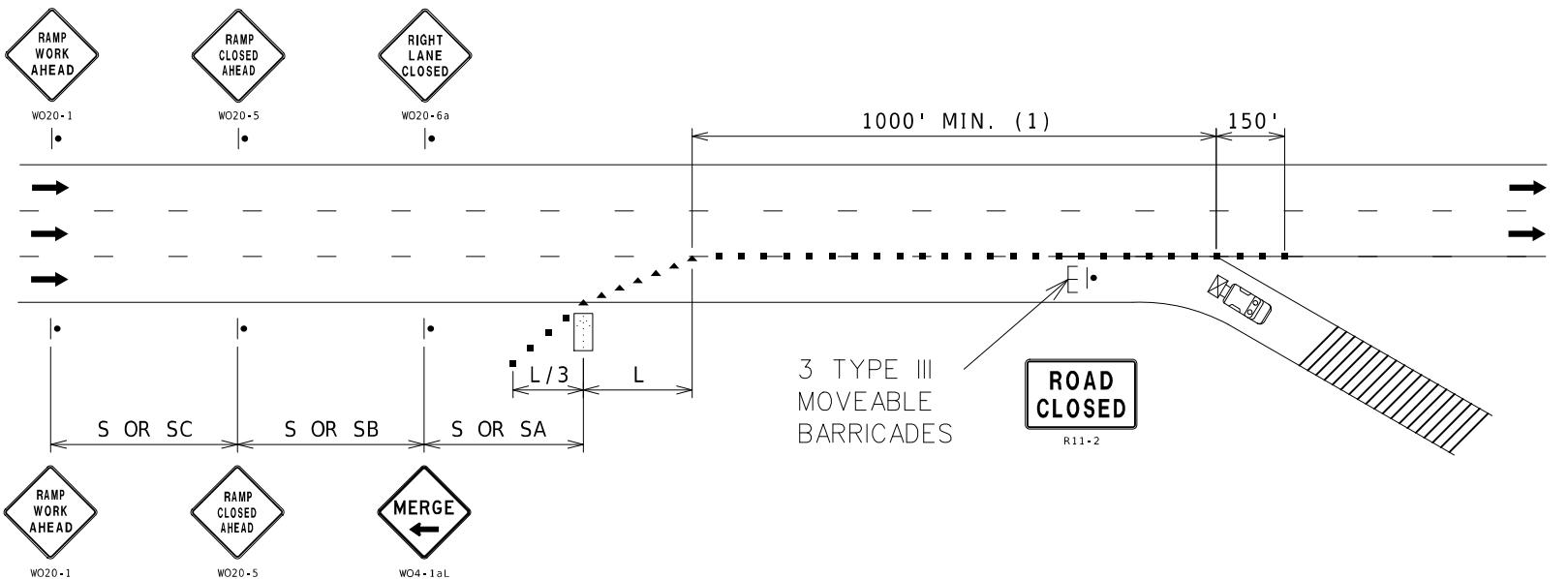
DATE PREPARED
10/24/2025

ROUTE 149 STATE MO
DISTRICT SW SHEET NO. 7
COUNTY VAR

JOB NO. JSR0180
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

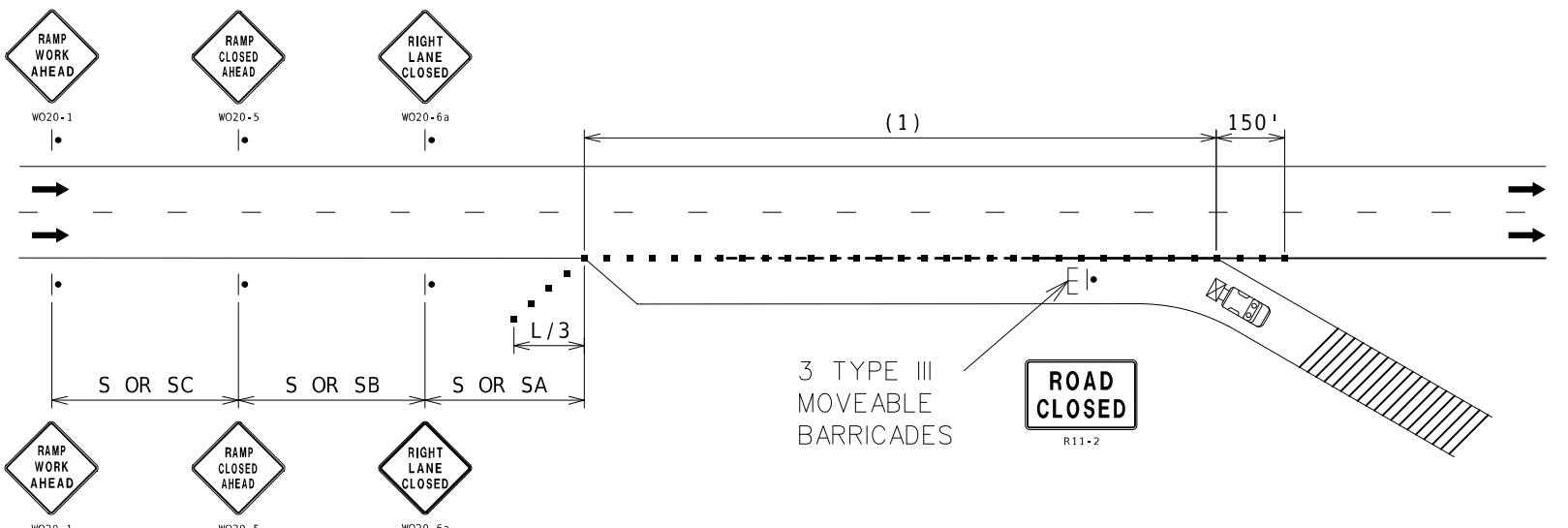


NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) CHANNELIZER SPACING AT 50'.

RAMP CLOSURE



NOTES:

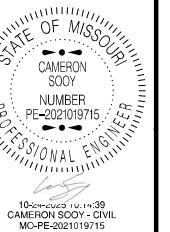
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) CHANNELIZER SPACING AT 50'.

RAMP CLOSURE



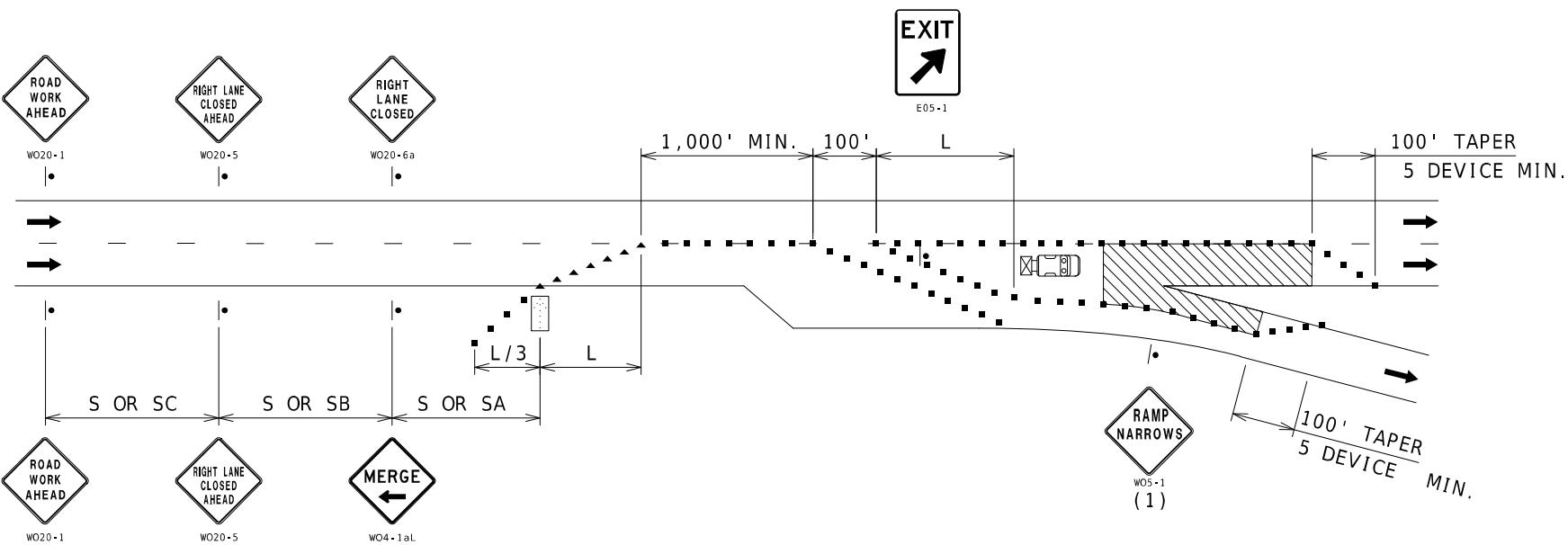
TRAFFIC CONTROL
SHEET 6 OF 10



DATE PREPARED
10/24/2025

ROUTE 149 STATE MO
DISTRICT SW SHEET NO. 8
COUNTY VAR
JOB NO. JSR0180
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE



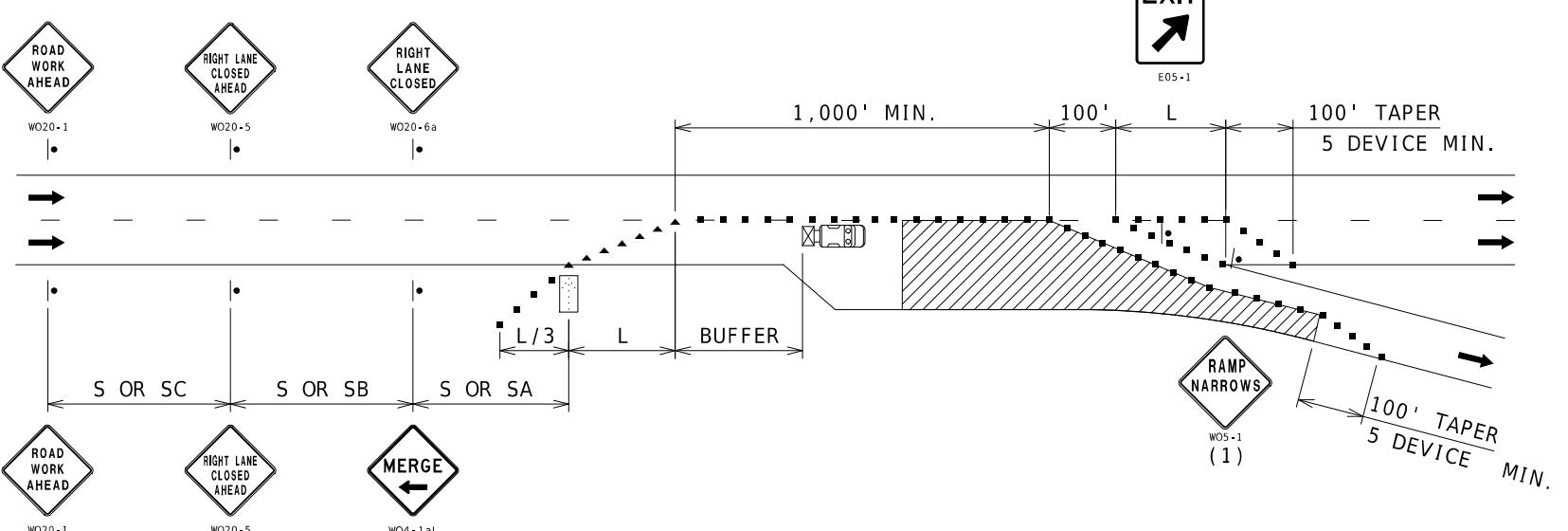
NOTES:

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



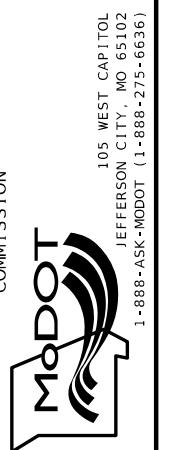
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

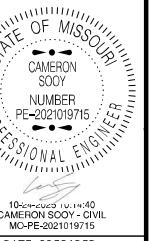
(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) CHANNELIZER SPACING AT 50'.

EXIT RAMP AREA DECELERATION LANE WORK



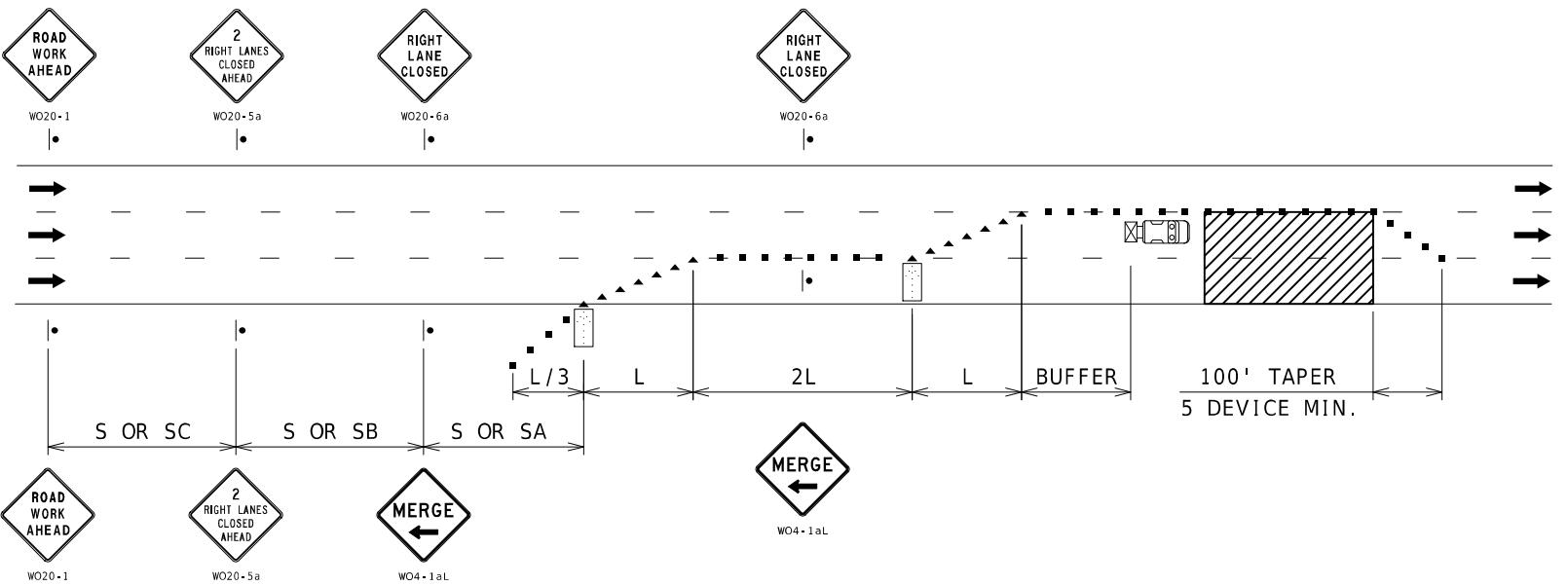
TRAFFIC CONTROL
SHEET 7 OF 10



DATE PREPARED
10/24/2025

ROUTE 149 STATE MO
DISTRICT SW SHEET NO. 10
COUNTY VAR
JOB NO. JSR0180
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

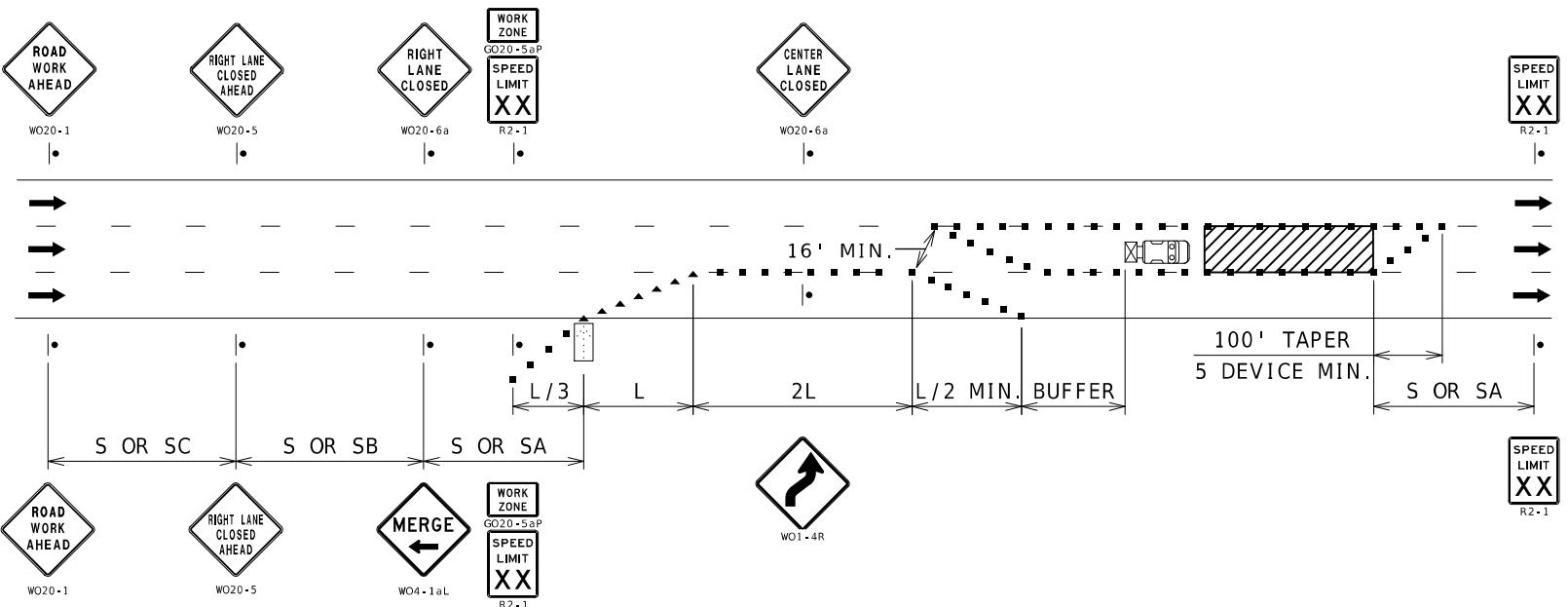
DESCRIPTION	DATE



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



TRAFFIC CONTROL
SHEET 9 OF 10



W020-1



W020-5a



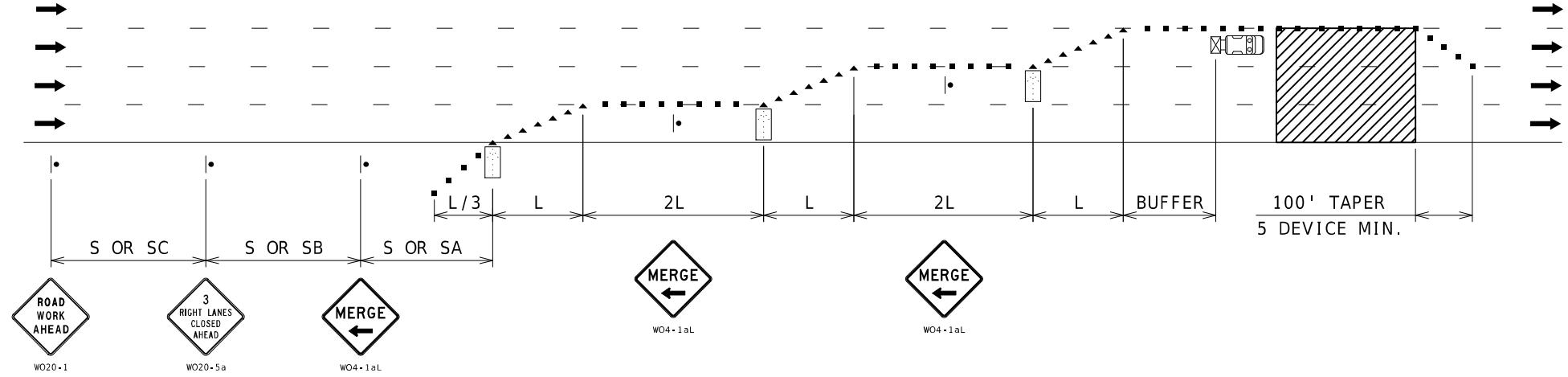
W020-6a



W020-6a



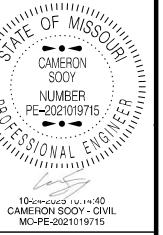
W020-6a



NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

TRIPLE LANE CLOSURE



DATE PREPARED

10/24/2025

ROUTE 149

STATE MO

DISTRICT SW

SHEET NO. 11

COUNTY VAR

JOB NO. JSR0180

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

TRAFFIC CONTROL
SHEET 10 OF 10MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION105 WEST CAPITOL
JEFFERSON CITY, MO 65102

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