

## DESIGN DESIGNATION

A.A.D.T. - 2025 = 42,769  
V = 70 M.P.H.

FUNCTIONAL CLASSIFICATION- INTERSTATE

NO NEW R/W REQUIRED

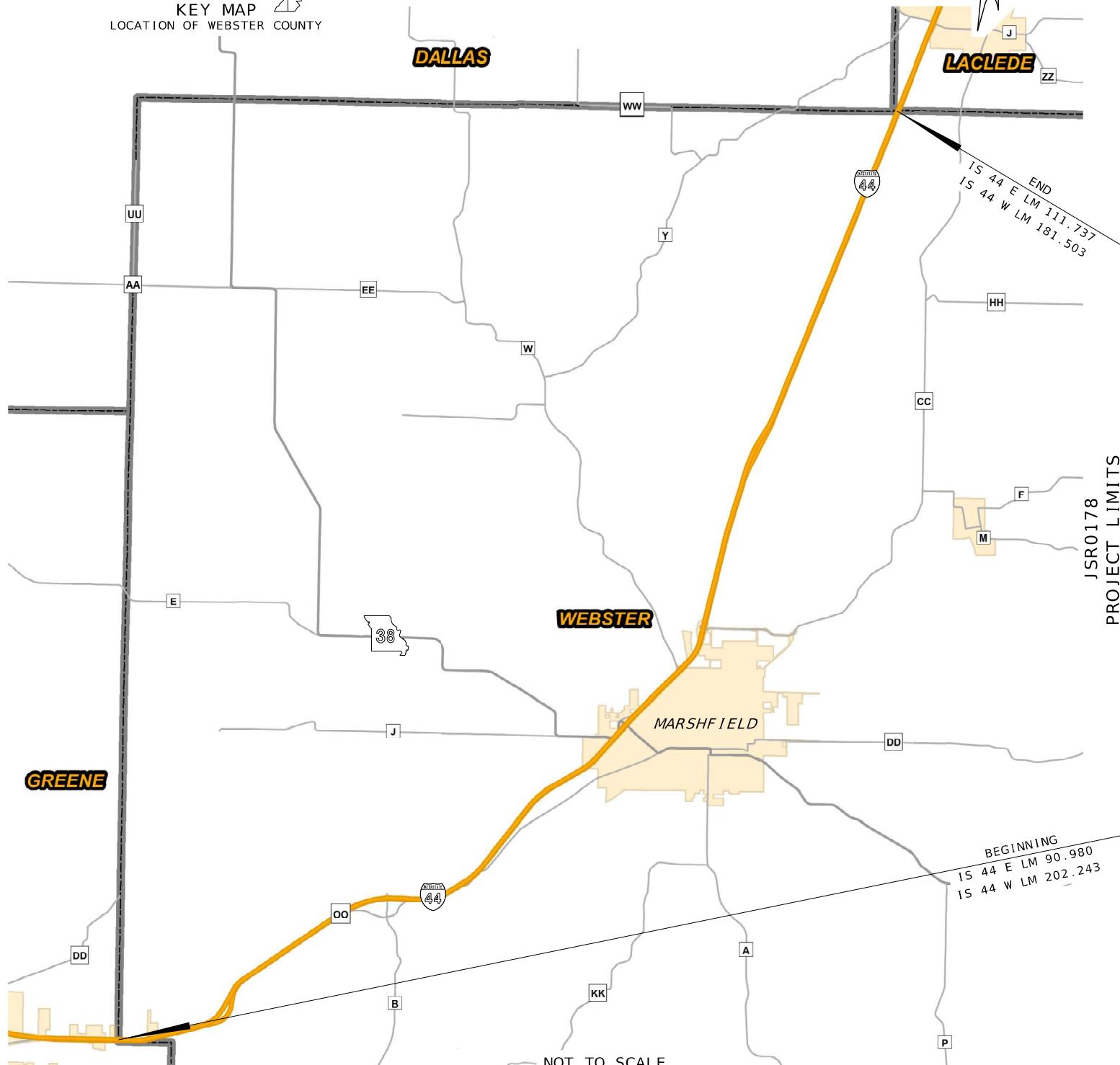
CONVENTIONAL SYMBOLS  
(USED IN PLANS)

	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	— S —	— S —
LIGHT POLE	□	□
H-FRAME POWER POLE	□	□
TELEPHONE PEDESTAL	□	□
FENCE	□	□
CHAIN LINK	— V —	— V —
WOVEN WIRE	— X —	— X —
GATE POST	□	□
BENCHMARK	○	○

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
PLANS FOR PROPOSED  
STATE HIGHWAY  
WEBSTER COUNTY  
JOB ORDER CONTRACTING

LOCATION OF WEBSTER 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

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

10/24/2025  
CAMERON SOOY - CIVIL  
MC-PE-2021019715

DATE PREPARED

10/24/2025

ROUTE 144 STATE MO

DISTRICT SW SHEET NO. 1

COUNTY WEBSTER

JOB NO. JSR0178

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

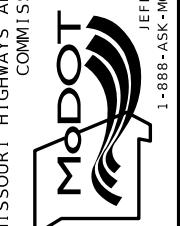
DATE

DESCRIPTION

DATE

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102

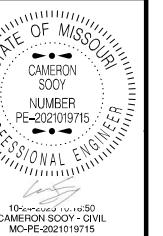
1-888-ASK-MODOT (1-888-275-6636)



## LENGTH OF PROJECT

IS 44 E	
BEGINNING OF PROJECT	LM 90.980
END OF PROJECT	LM 111.737
APPARENT LENGTH	109,597 FEET
IS 44 W	
BEGINNING OF PROJECT	LM 181.503
END OF PROJECT	LM 202.243
APPARENT LENGTH	109,507.2 FEET

EQUATIONS AND EXCEPTIONS:	N/A
TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	219,104.2 FEET
STATE LENGTH	41.497 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	N/A ACRES



10/24/2025

ROUTE 144 STATE MO

DISTRICT SW SHEET NO. 2

COUNTY WEBSTER

JOB NO. JSR0178

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MODOT

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 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

## 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

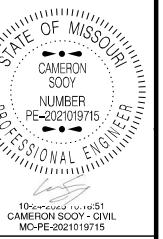
- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTION INDICATOR BARRICADE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- FLASHING ARROW PANEL
- TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL

## 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



10/24/2025  
CAMERON SOOY - CIVIL  
MC-PE-2021019715

DATE PREPARED

10/24/2025

ROUTE STATE

I44 MO

DISTRICT SHEET NO.

SW 3

COUNTY

WEBSTER

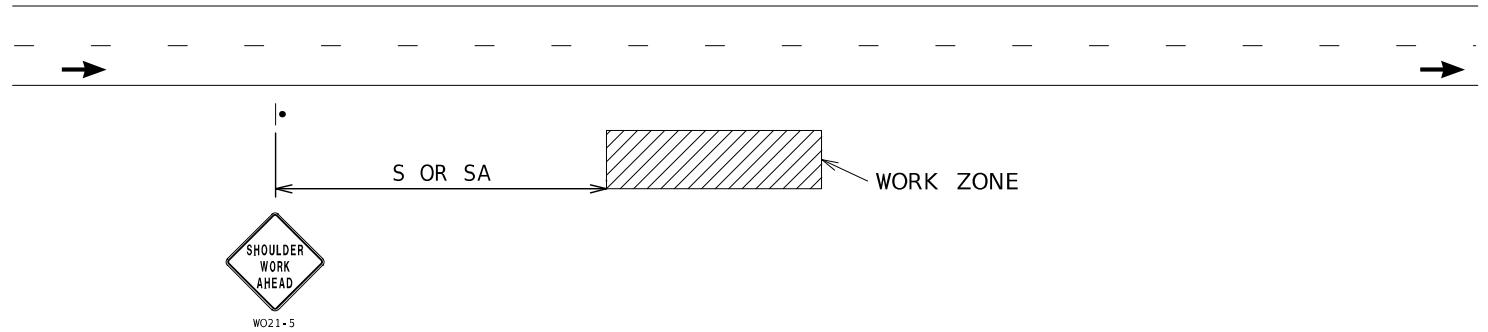
JOB NO.

JSR0178

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

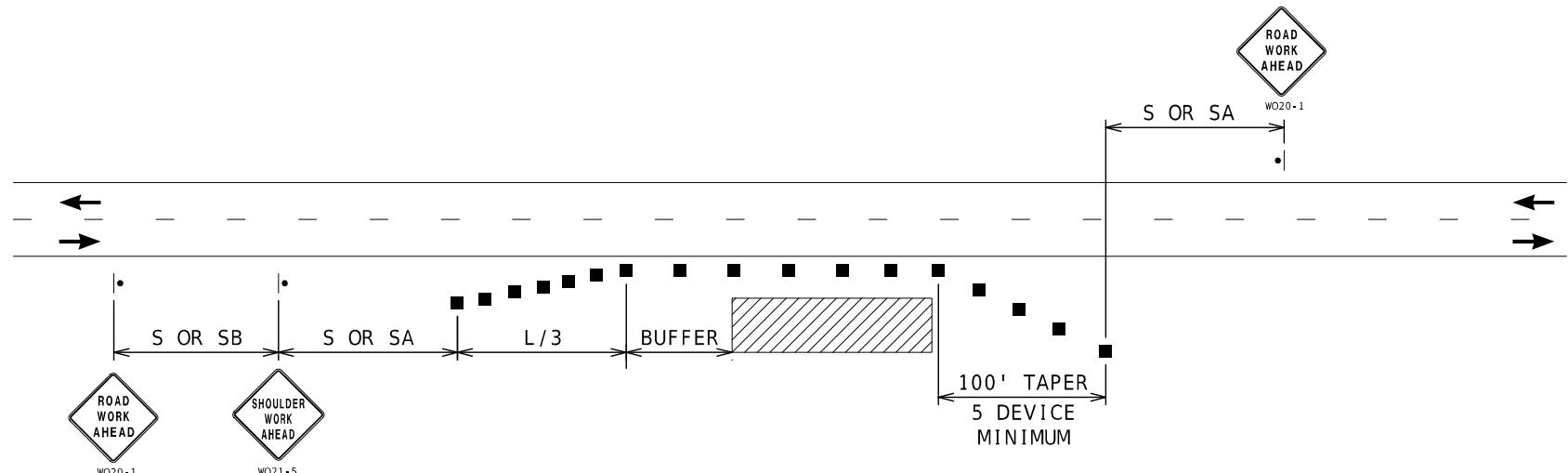


## WORK BEYOND SHOULDER - UNDIVIDED OR DIVIDED ROADWAYS

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



10/24/2025  
CAMERON SOOY - CIVIL  
MC-PE-2021019715

DATE PREPARED

10/24/2025

ROUTE 144 STATE MO

DISTRICT SW SHEET NO. 4

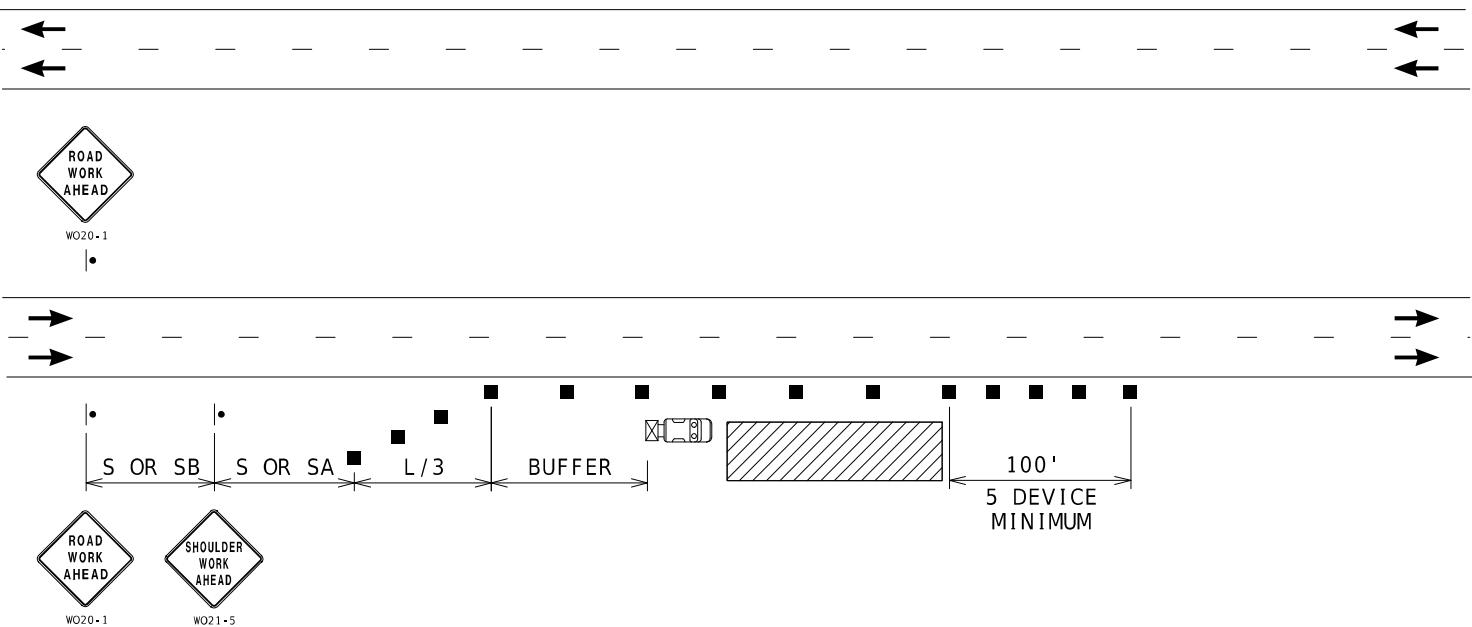
COUNTY WEBSTER

JOB NO. JSR0178

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

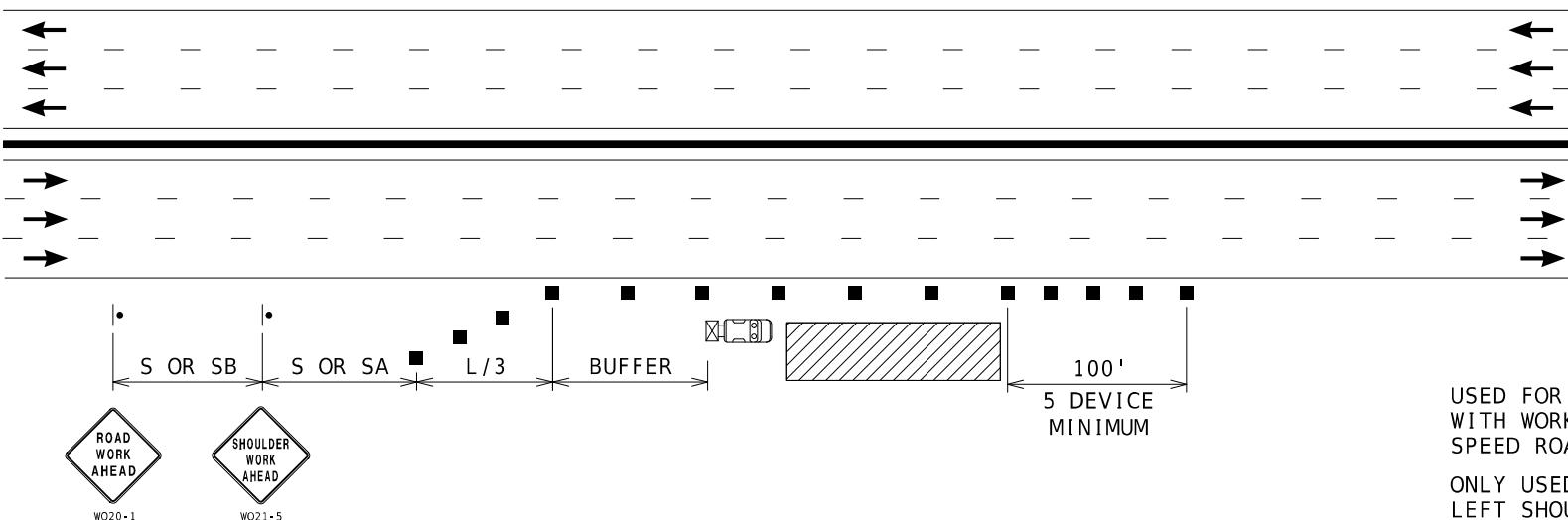


## RIGHT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

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.

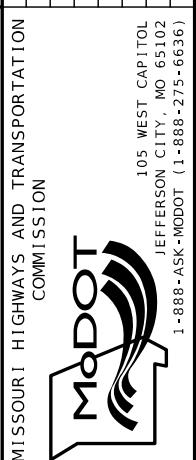
ONLY USED FOR SIX OR MORE LANE FREEWAYS WITH NARROW LEFT SHOULDER ADJACENT TO CONCRETE MEDIAN BARRIER

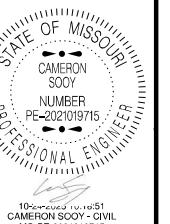
## RIGHT SHOULDER WORK MULTI-LANE FREEWAYS WITH MEDIAN BARRIER

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

TRAFFIC CONTROL  
SHEET 3 OF 10





10/24/2025

DATE PREPARED  
10/24/2025

ROUTE 144 STATE MO

DISTRICT SW SHEET NO. 5

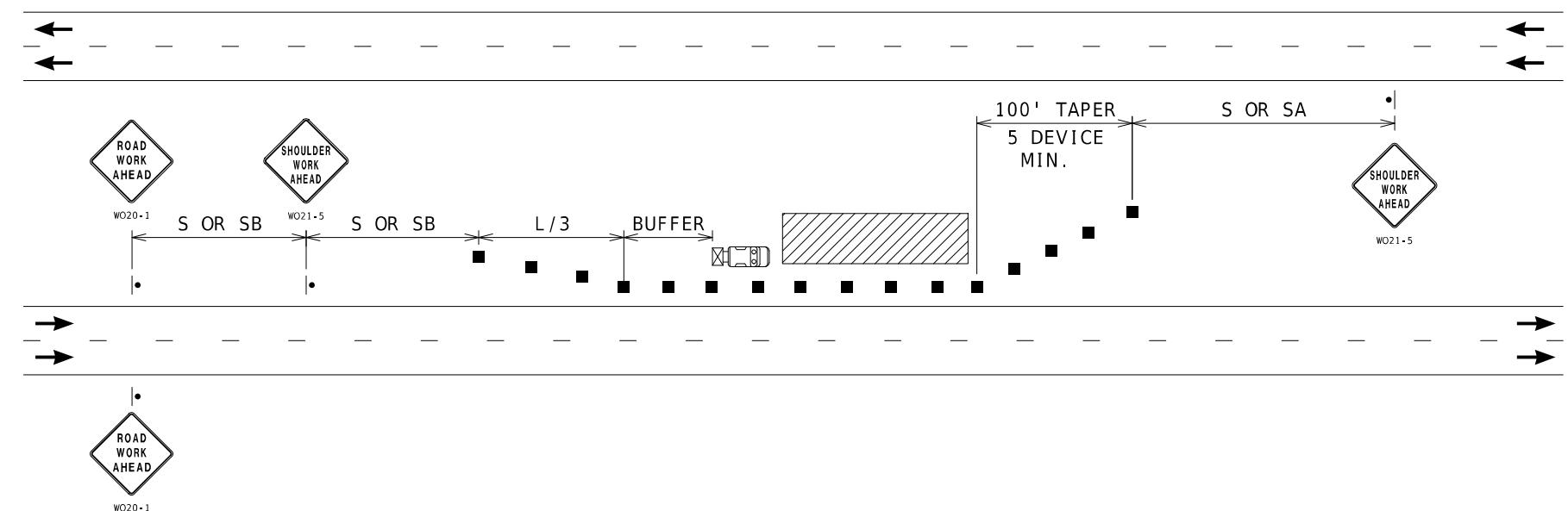
COUNTY WEBSTER

JOB NO. JSR0178

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

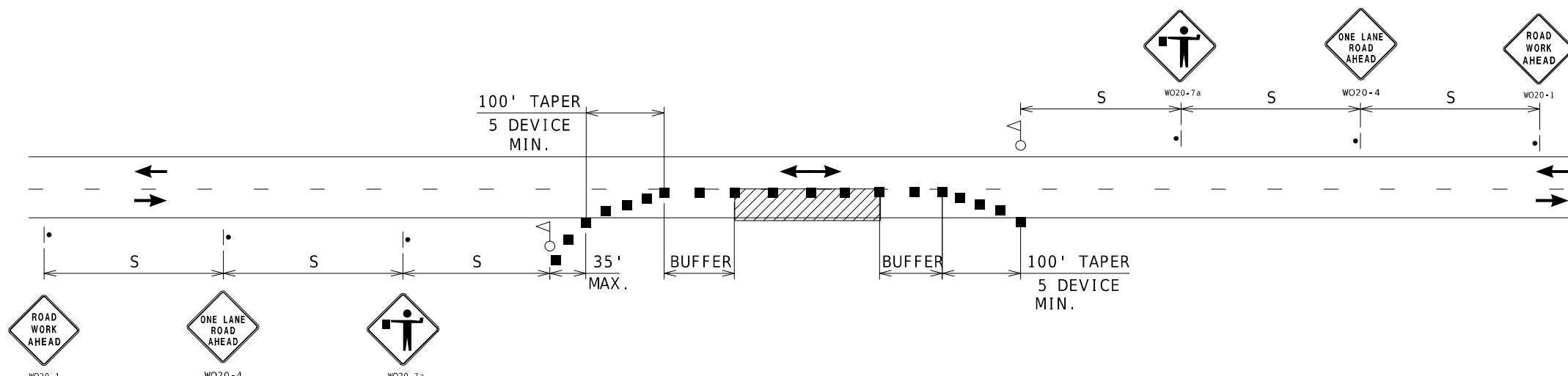


## LEFT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

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.



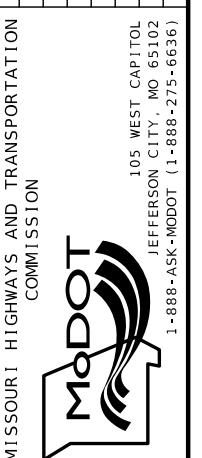
## ONE-LANE TWO-WAY OPERATION WITH FLAGGERS

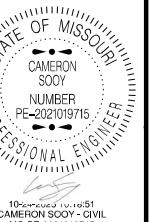
A MINIMUM OF TWO FLAGGERS WILL BE REQUIRED TO DIRECT TRAFFIC.  
ADDITIONAL FLAGGERS MAY BE REQUIRED WHEN WORKING AT INTERSECTING  
STREETS OR RAMPS AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT  
WILL BE MADE FOR FLAGGERS

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

TRAFFIC CONTROL  
SHEET 4 OF 10





10/24/2025  
CAMERON SOOT - CIVIL  
MC-PE-2021019715

DATE PREPARED

10/24/2025

ROUTE 144 STATE MO

DISTRICT SW SHEET NO. 6

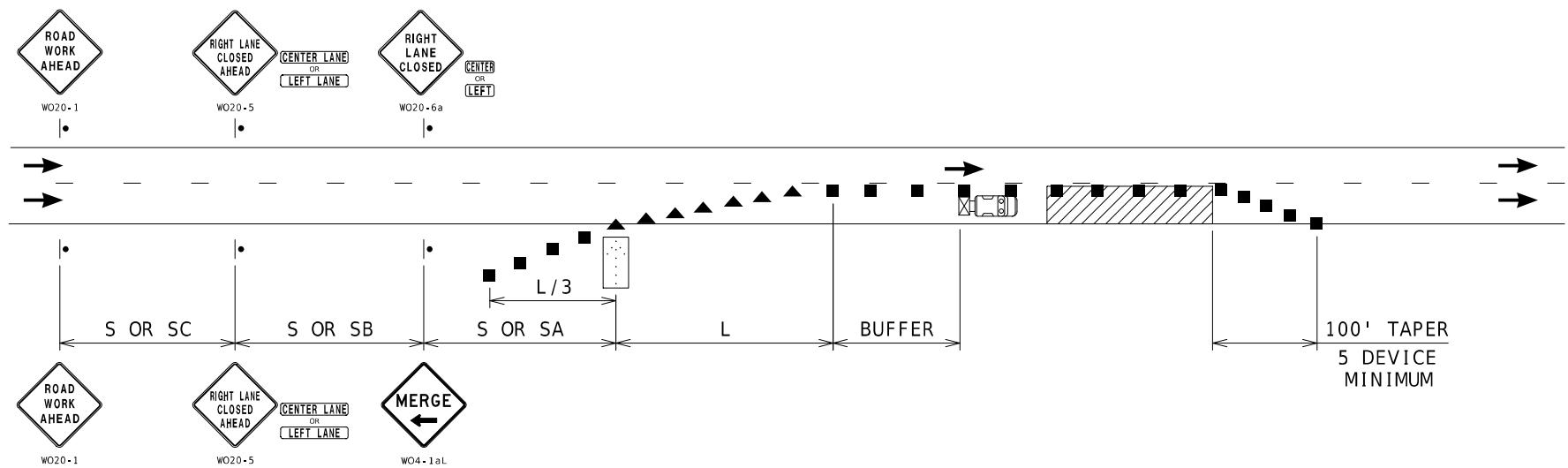
COUNTY WEBSTER

JOB NO. JSR0178

CONTRACT ID.

PROJECT NO.

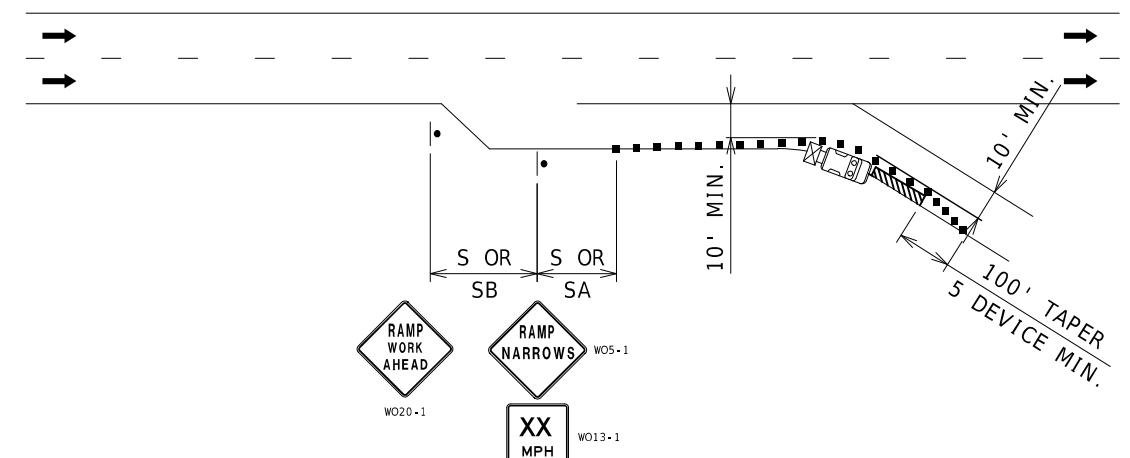
BRIDGE NO.



NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

## SINGLE LANE CLOSURE



## PARTIAL RAMP CLOSURE

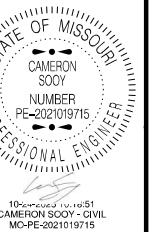
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	DATE	DESCRIPTION



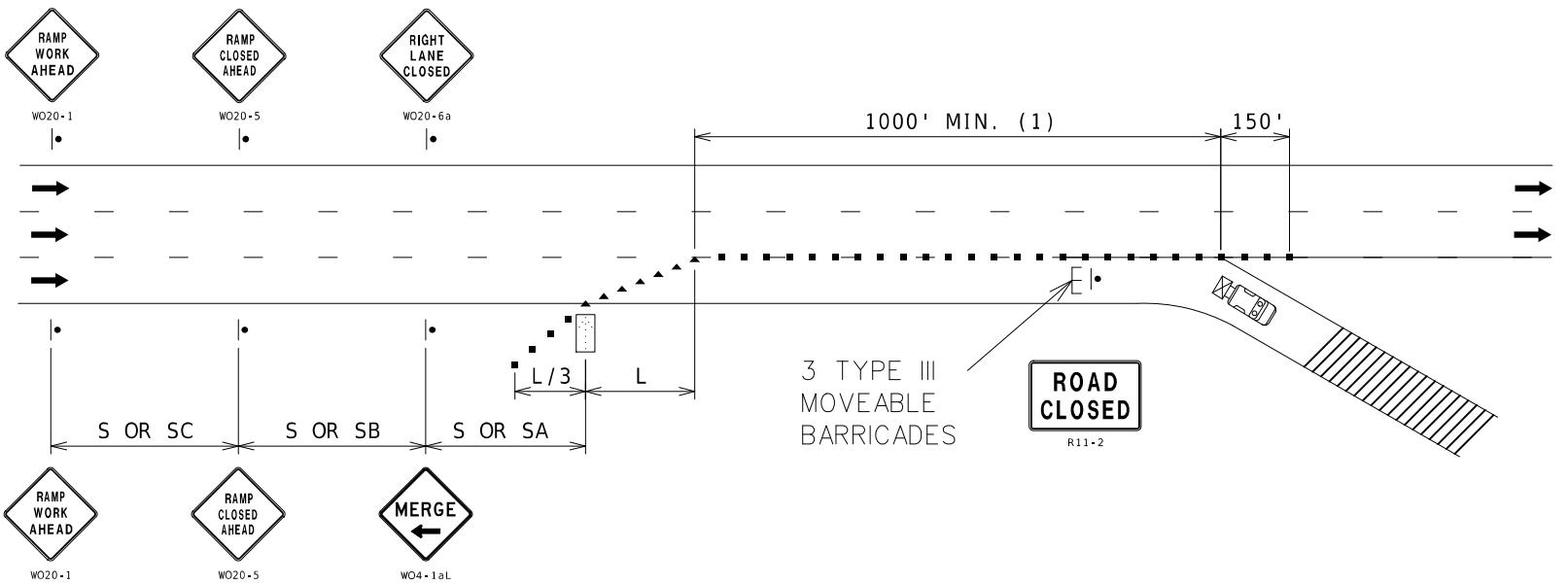
TRAFFIC CONTROL  
SHEET 5 OF 10



DATE PREPARED  
10/24/2025

ROUTE 144 STATE MO  
DISTRICT SW SHEET NO. 7  
COUNTY WEBSTER  
JOB NO. JSR0178  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

DESCRIPTION	DATE

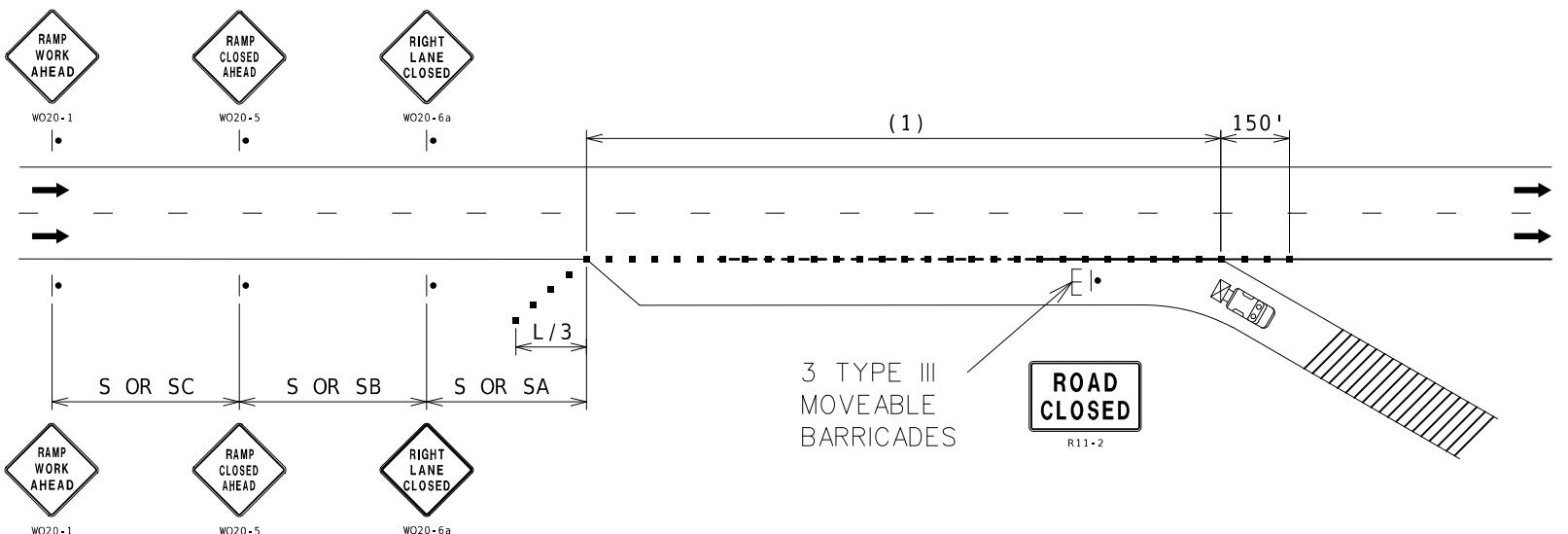


NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) CHANNELIZER SPACING AT 50'.

## RAMP CLOSURE



NOTES:

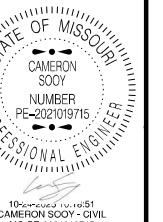
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) CHANNELIZER SPACING AT 50'.

## RAMP CLOSURE



TRAFFIC CONTROL  
SHEET 6 OF 10



10/24/2025  
CAMERON Soco - CIVIL  
MC-PE-2021019715

DATE PREPARED

10/24/2025

ROUTE 144 STATE MO

DISTRICT SW SHEET NO. 8

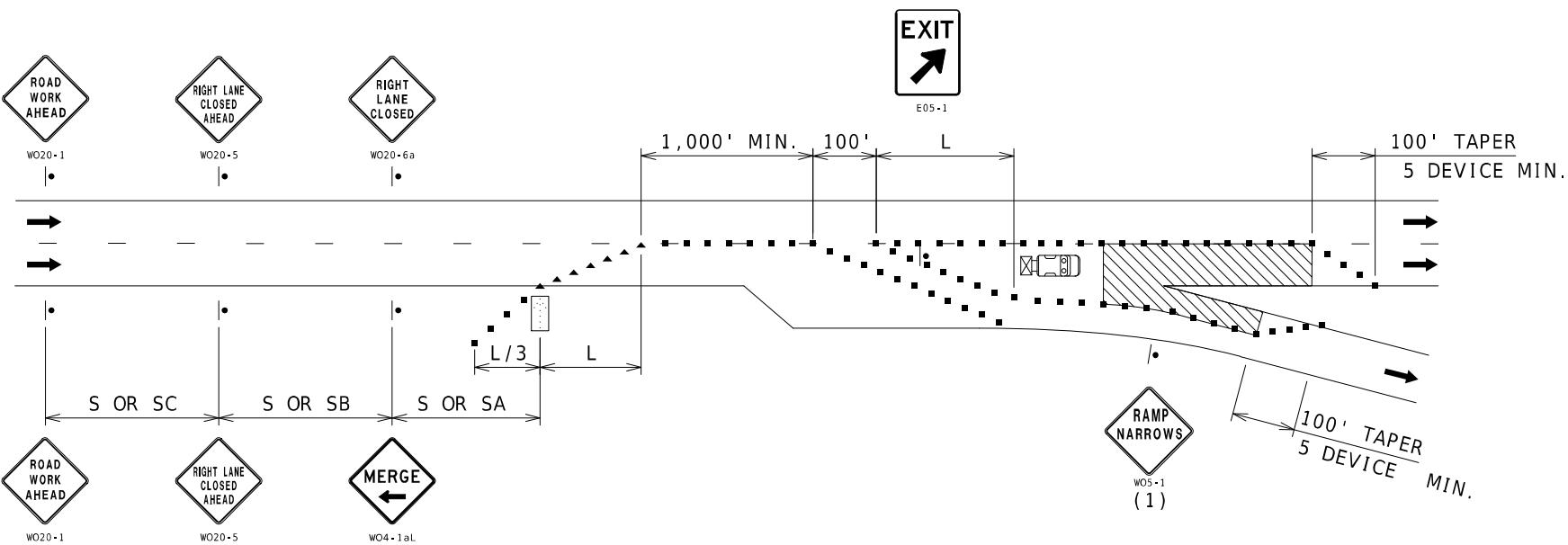
COUNTY WEBSTER

JOB NO. JSR0178

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



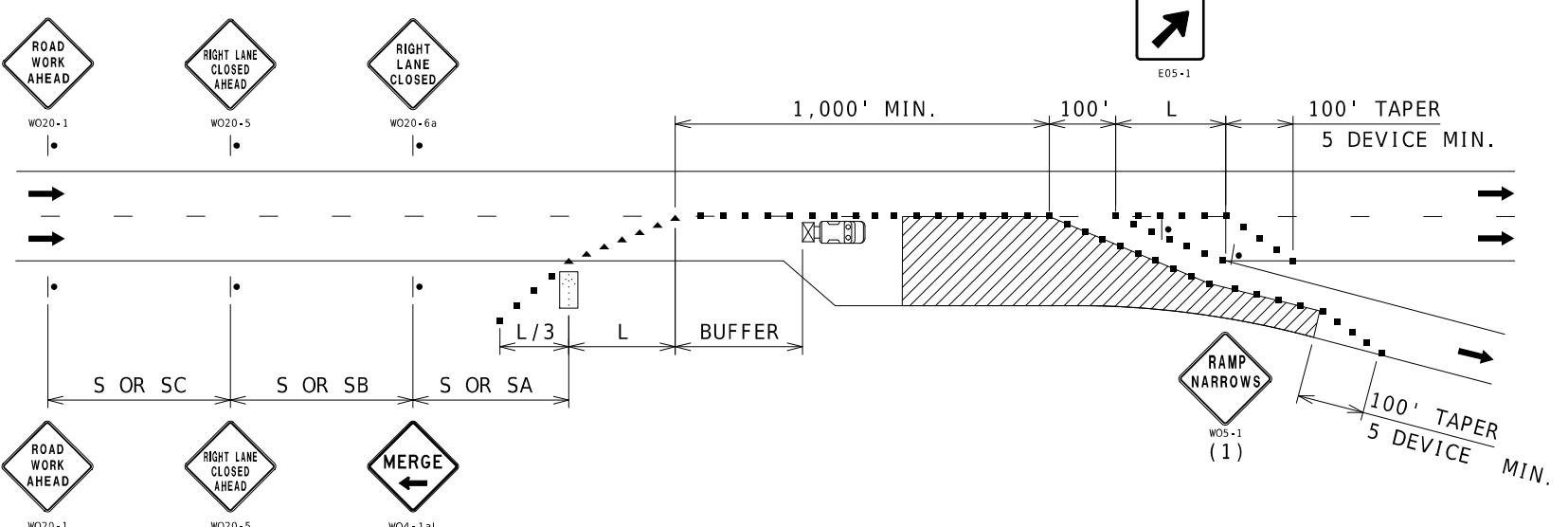
NOTES:

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



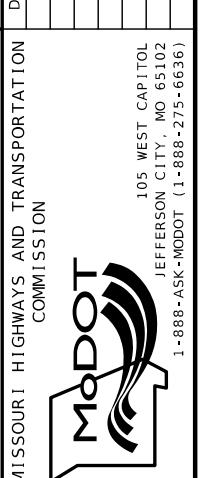
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

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

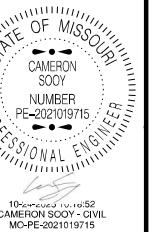
(2) CHANNELIZER SPACING AT 50'.

EXIT RAMP AREA  
DECELERATION LANE WORK



TRAFFIC CONTROL  
SHEET 7 OF 10

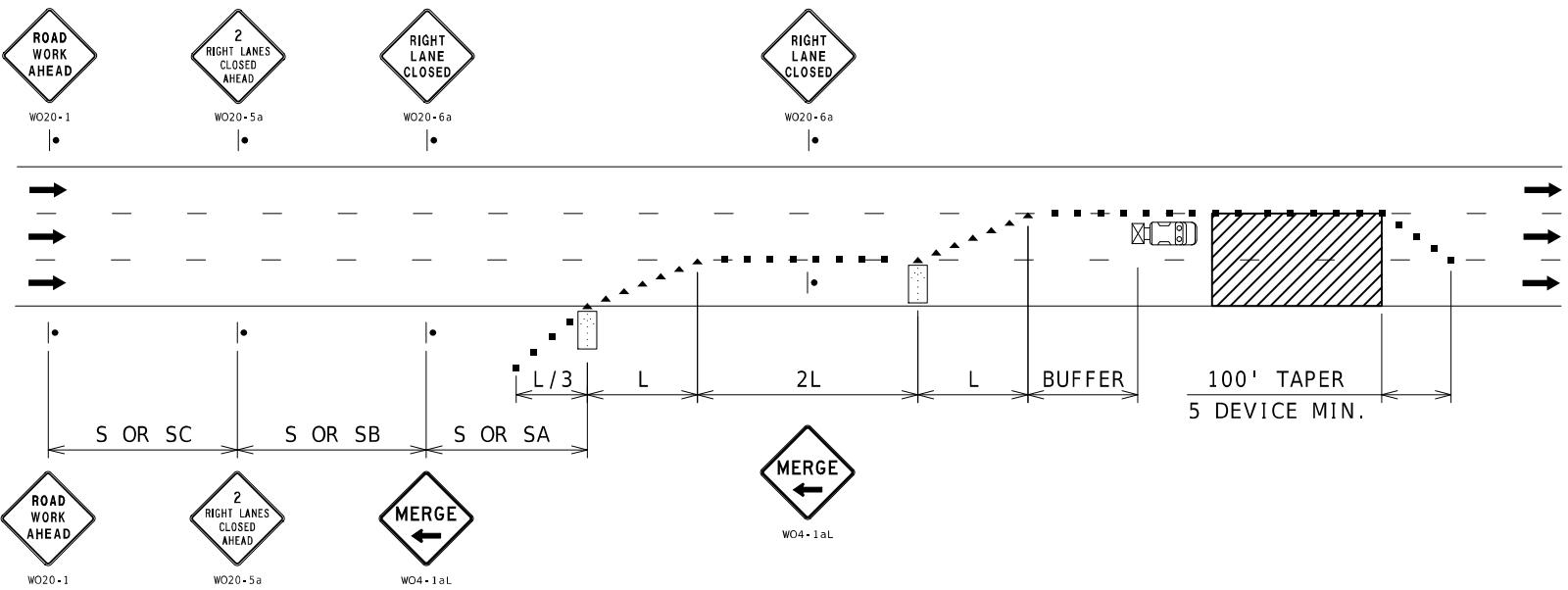




DATE PREPARED  
10/24/2025

ROUTE 144 STATE MO  
DISTRICT SW SHEET NO. 10  
COUNTY WEBSTER  
JOB NO. JSR0178  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

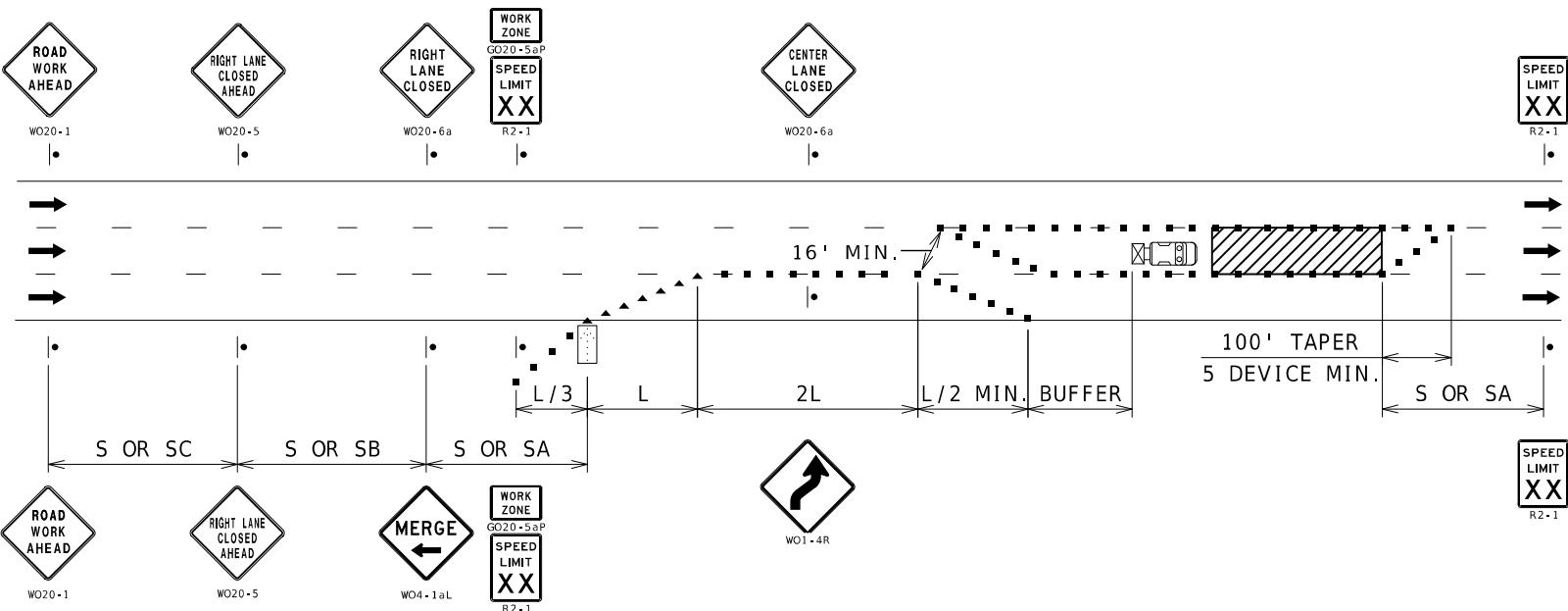
DESCRIPTION	DATE



NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

## DOUBLE LANE CLOSURE



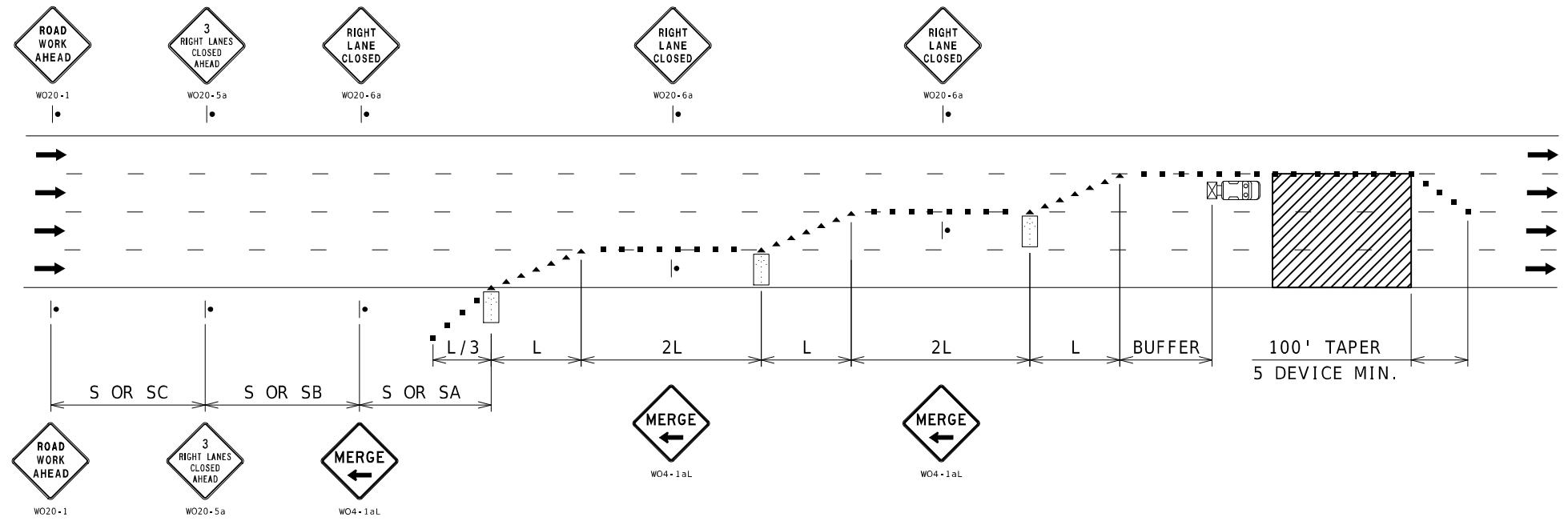
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

## INTERIOR LANE CLOSURE



TRAFFIC CONTROL  
SHEET 9 OF 10



## NOTES :

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

# TRIPLE LANE CLOSURE

	
10/24/2025 (V.10.52)	
CAMERON SOOY - CIVIL	
MC-PFE-2021019715	
DATE PREPARED	
10/24/2025	
ROUTE I 44	STATE MO
DISTRICT SW	SHEET NO. 11
COUNTY WEBSTER	
JOB NO. JSR0178	
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)

TRAFFIC CONTROL  
SHEET 10 OF 10