
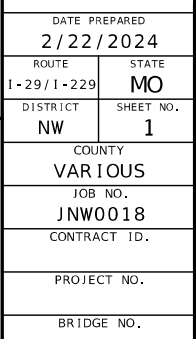


This map of Missouri displays county boundaries and major transportation routes. A thick black line traces a path from the northwest to the southeast, passing through Holt, Atchison, Buchanan, and Andrew counties. The route begins in Holt County, passing through Rockport and Tarkio, then continues through Mound City in Atchison County. It then enters Buchanan County, passing through Savannah and St. Joseph, and finally terminates in Andrew County near Rushville. The map includes labels for various counties (Holt, Atchison, Buchanan, Andrew) and cities/towns (Rockport, Tarkio, Mound City, Savannah, St. Joseph, Rushville). Major roads are identified with their respective numbers in shields: US-29, US-136, US-71, US-59, and US-169. The map also shows smaller roads and geographical features like rivers and lakes.



DESCRIPTION	NUMBER
TITLE SHEET .....	1
TRAFFIC CONTROL SHEETS (TC).....	2-8

ROUTE(S) INCLUDED IN  
CONTRACT SHOWN IN BOLD

[illegible]

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

# 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

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

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 (FEET)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

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:

1. SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING COVERING, UNCOVERING OR REMOVING SIGNS.
4. CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
6. 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<br>W/ FLASHING ARROW |



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
2/22/202

ROUTE	STATE
I - 29 / I - 229	MO

DISTRICT	SHEET NO
NW	2

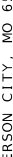
COUNTY

JOB NO.  
LNW001

CONTRACT ID

PROJECT NO

BRIDGE NO.

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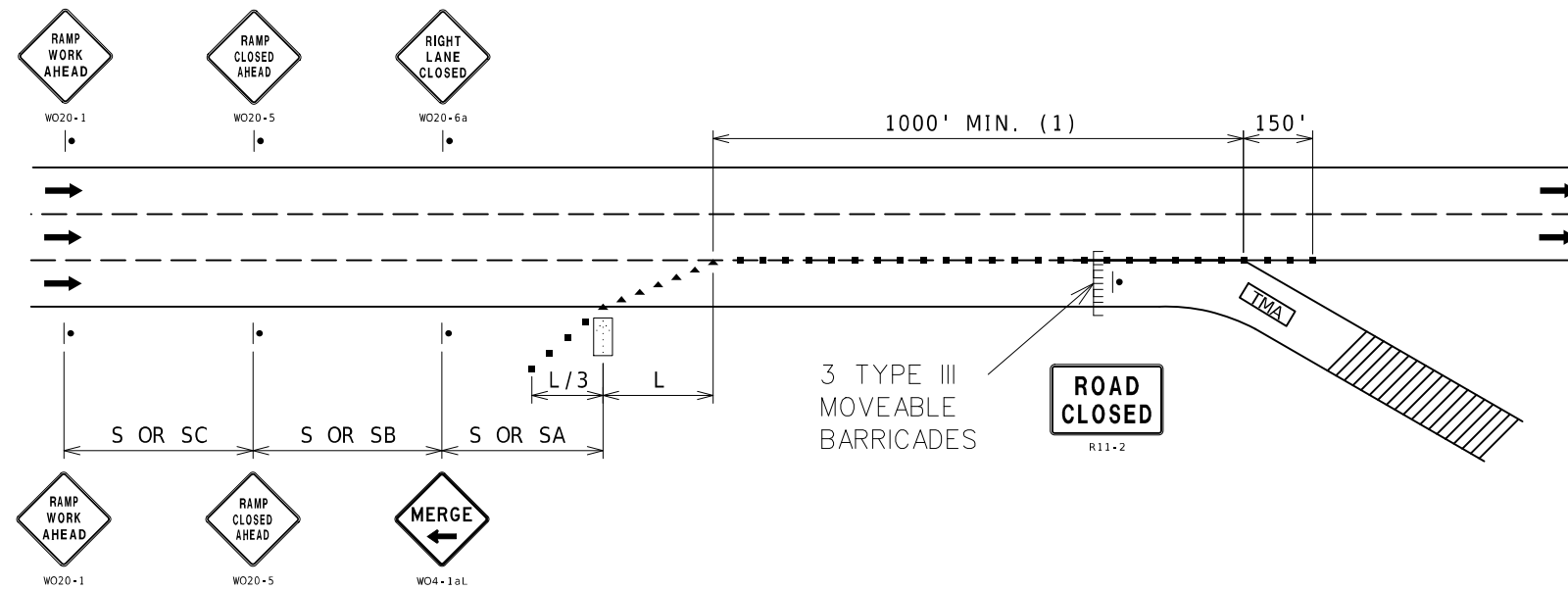
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102

TRAFFIC CONTROL  
SHEET 1 OF 7





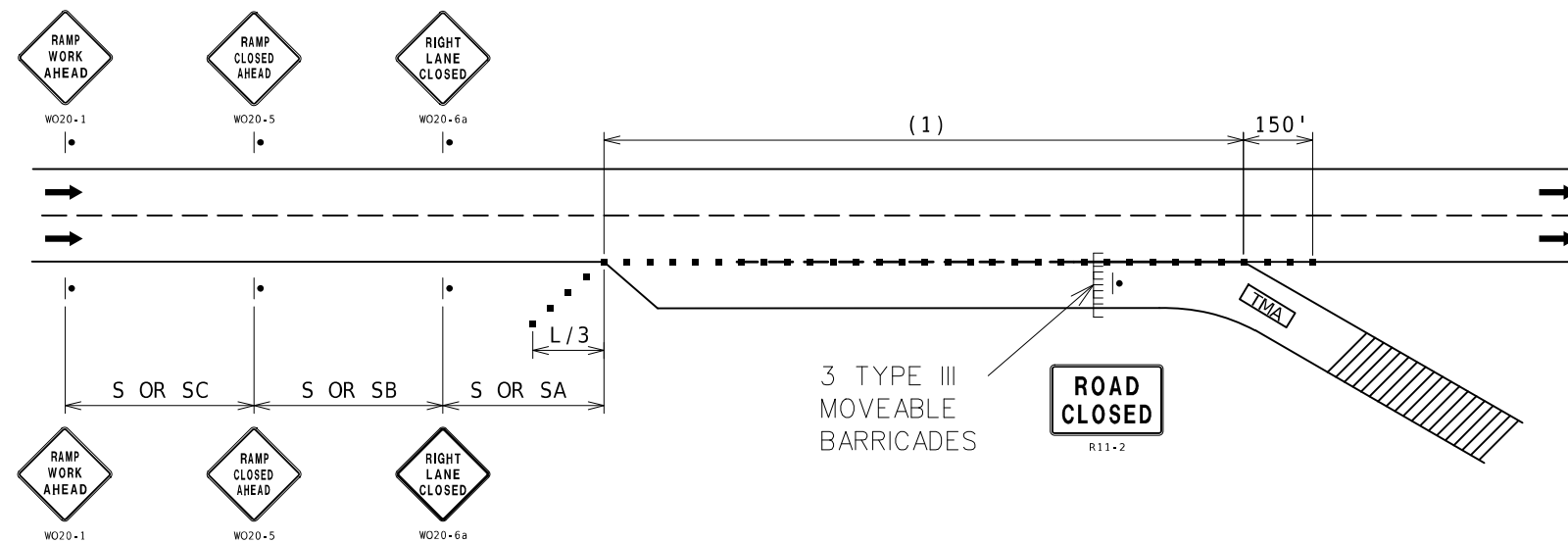


NOTES :

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) CHANNELIZER SPACING AT 50'.

# RAMP CLOSURE

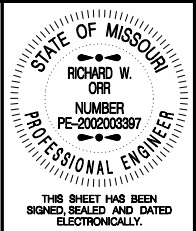


NOTES :

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) CHANNELIZER SPACING AT 50'.

# RAMP CLOSURE



DATE PREPARED
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2/22/2024

ROUTE	STATE
1 0011 000	MO

1 - 29 / 1 - 229	MO
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DISTRICT	SHEET NO.
NW	E

NW	5
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COUNTY  
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VARIOUS
LOB NO

JOB NO.  
LNW0018

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CONTRACT ID

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PROJECT NO.
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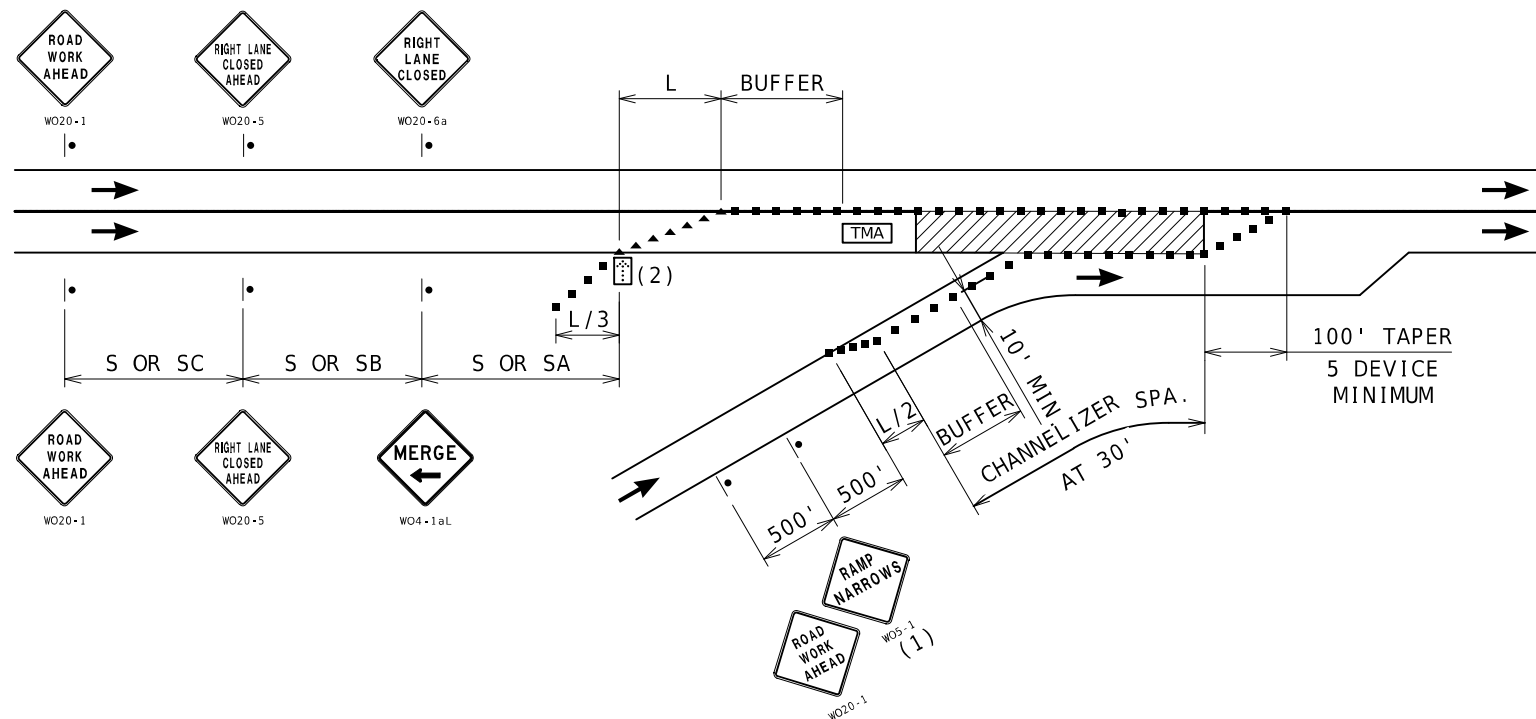
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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

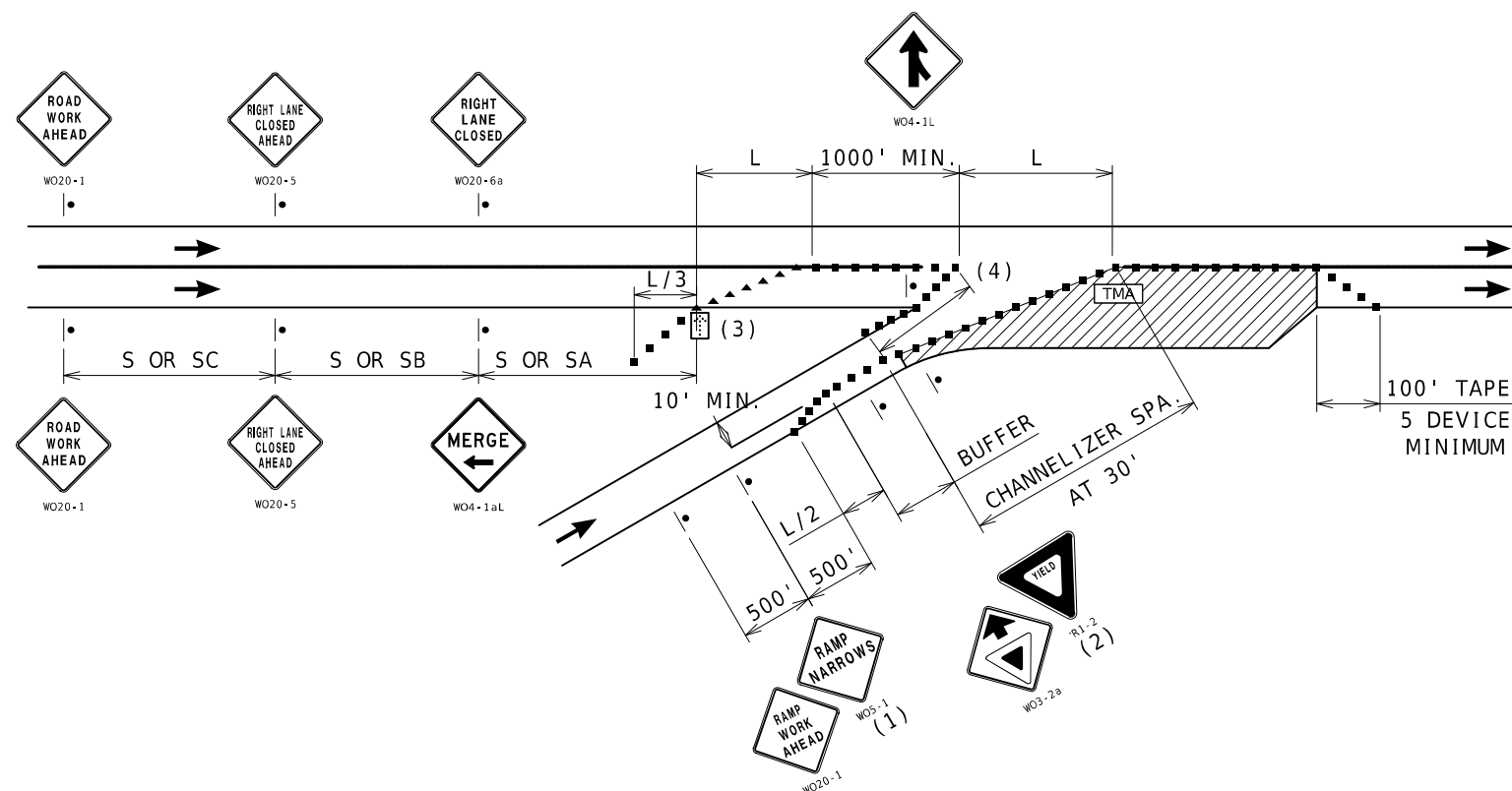
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JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL  
SHEET 4 OF 7



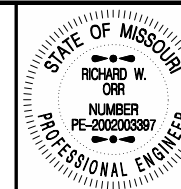
## ENTRANCE RAMP AREA MAINLINE WORK

- NOTES:
- SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
- (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (2) 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.



## ENTRANCE RAMP AREA ACCELERATION LANE WORK

- NOTES:
- SEE TCP SHEET 1 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 ADJUCSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.
- (4) CHANNELIZER SPACING AT 30'.



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
2/22/2024

ROUTE STATE  
I-29/I-229 MO

DISTRICT SHEET NO.  
NW 6

COUNTY  
VARIOUS

JOB NO.  
JNW0018

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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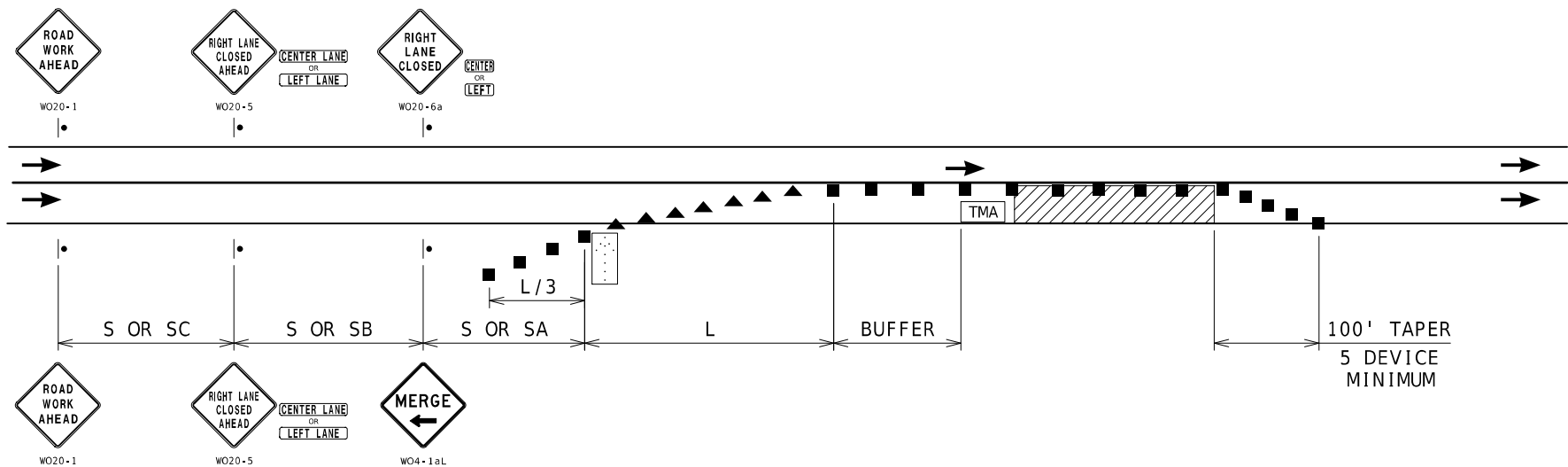
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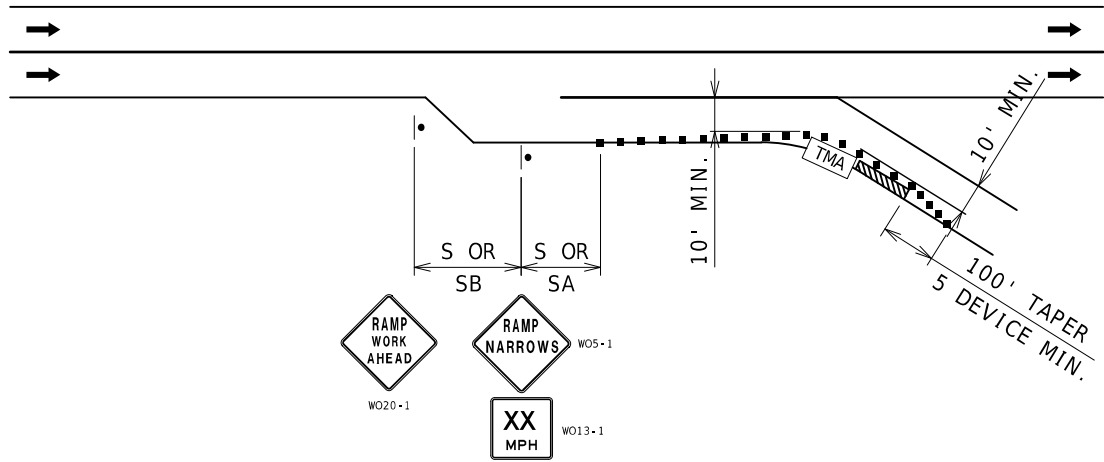
DATE





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

SINGLE LANE CLOSURE



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

PARTIAL RAMP CLOSURE



THIS SHEET HAS BEEN  
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ELECTRONICALLY.

DATE PREPARED  
2/22/2024

ROUTE STATE

I-29/I-229 MO

DISTRICT SHEET NO.

NW 7

COUNTY

VARIOUS

JOB NO.

JNW0018

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 6 OF 7

