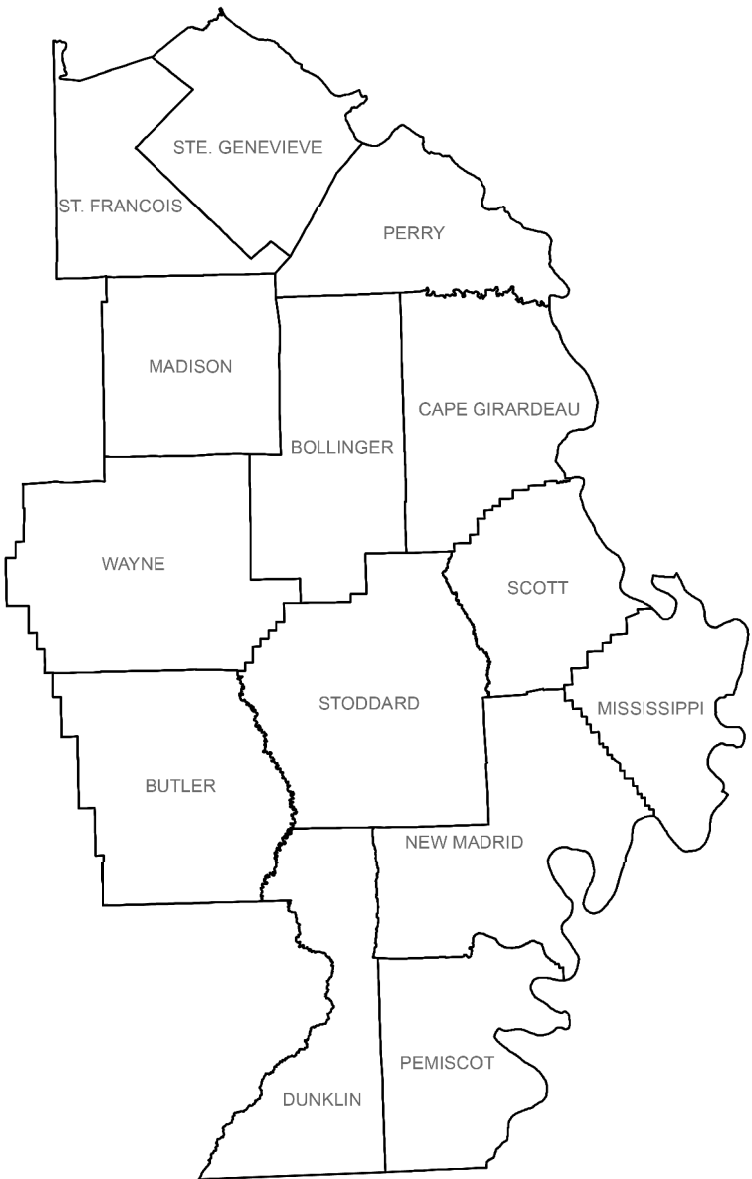


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
VARIOUS COUNTIES
SOUTHEAST DISTRICT



NOT TO SCALE

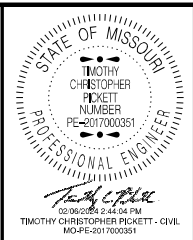


GUARDRAIL/GUARD CABLE REPAIR
JOB ORDER CONTRACTING

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)	2-10




DATE PREPARED 2/6/2024	
ROUTE VAR	STATE MO
DISTRICT SE	SHEET NO. 1
COUNTY VARIOUS	
JOB NO. J9P3624	
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)

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

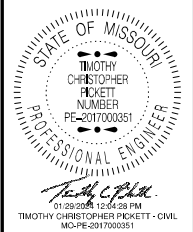
TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- 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



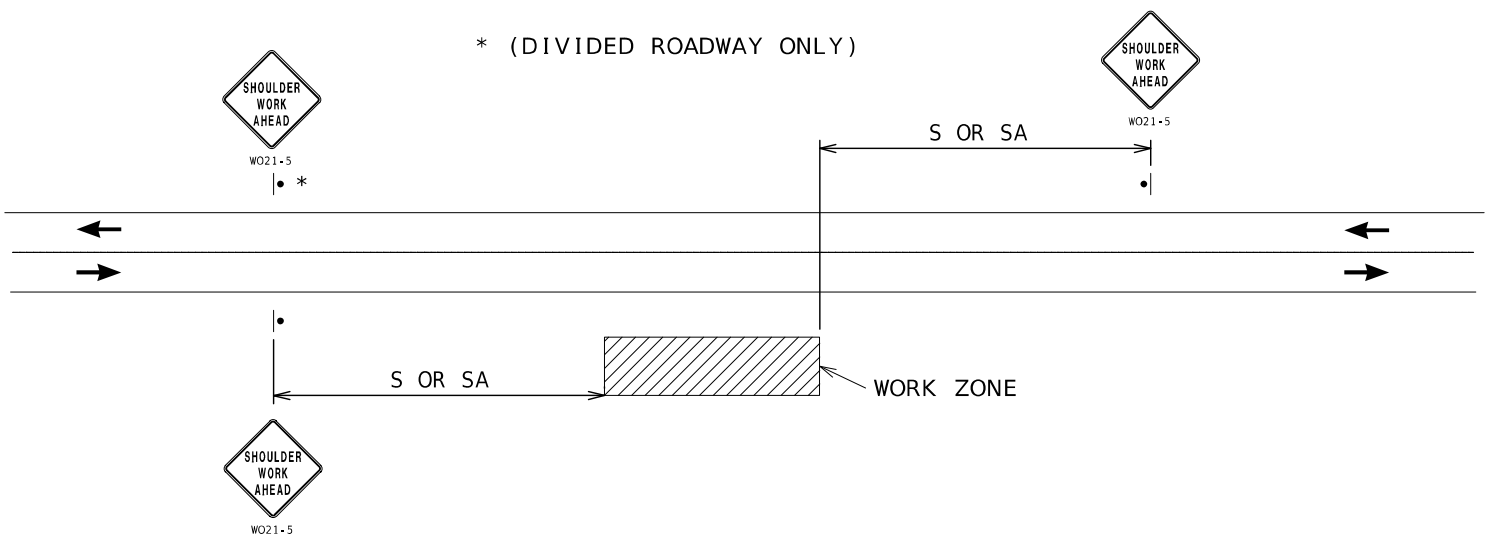
DATE PREPARED 12/27/2023	
ROUTE VAR	STATE MO
DISTRICT SE	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. J9P3624	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



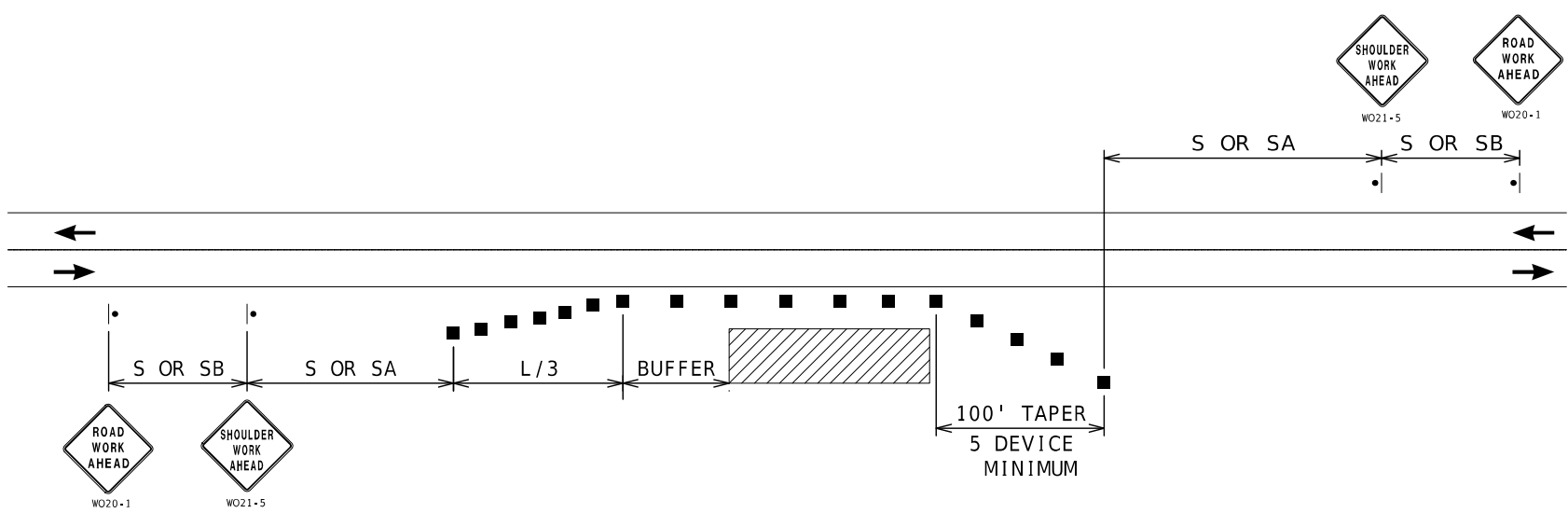
WORK BEYOND RIGHT SHOULDER - UNDIVIDED OR DIVIDED ROADWAYS

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

FOR DIVIDED ROADWAYS, SIGNS SHALL BE PROVIDED ON LEFT AND RIGHT SIDE OF ROADWAY WITH DOWNSTREAM SIGN BEING OMITTED.

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.



SHOULDER WORK - UNDIVIDED 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.

STATE OF MISSOURI

TIMOTHY CHRISTOPHER PICKETT

NUMBER

PE-2017000351

PROFESSIONAL ENGINEER

01/20/2024 10:04:50 PM

TIMOTHY CHRISTOPHER PICKETT - CIVIL

MO-PE-2017000351

DATE PREPARED

12/27/2023

ROUTE

VAR

STATE

MO

DISTRICT

SE

SHEET NO.

3

COUNTY

VARIOUS

JOB NO.

J9P3624

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

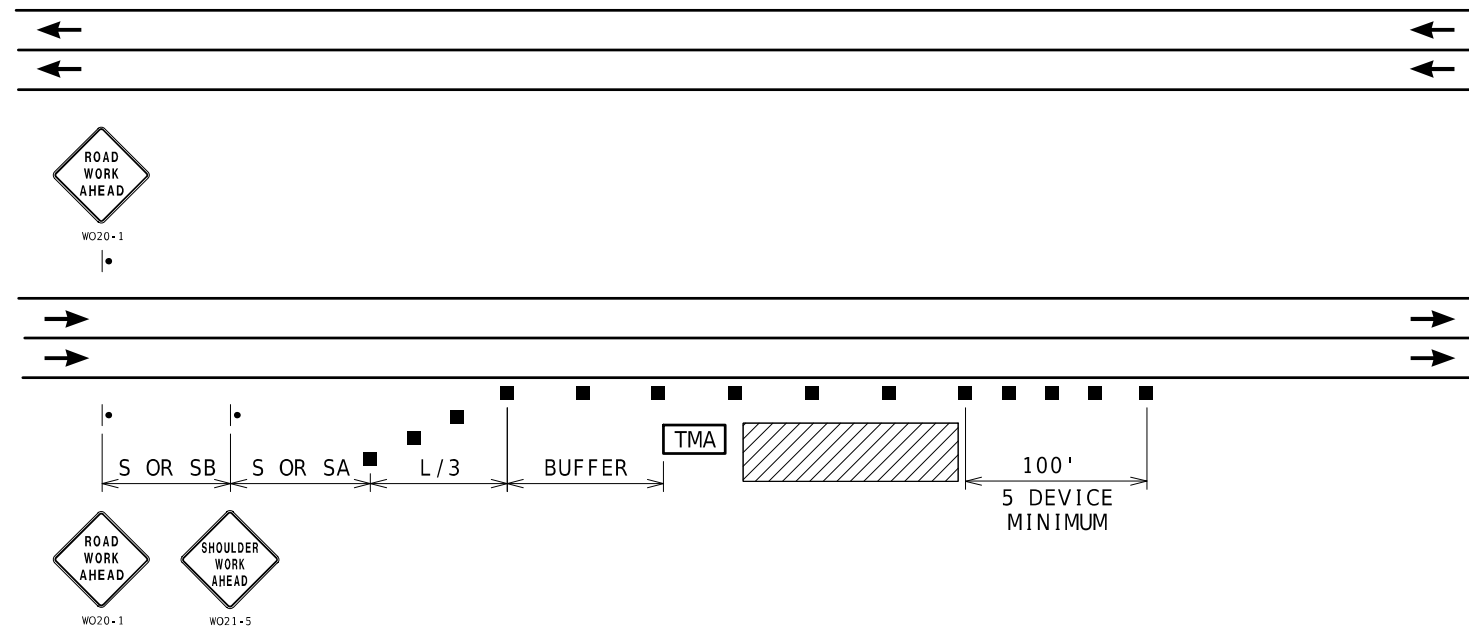
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
SHEET 2 OF 9

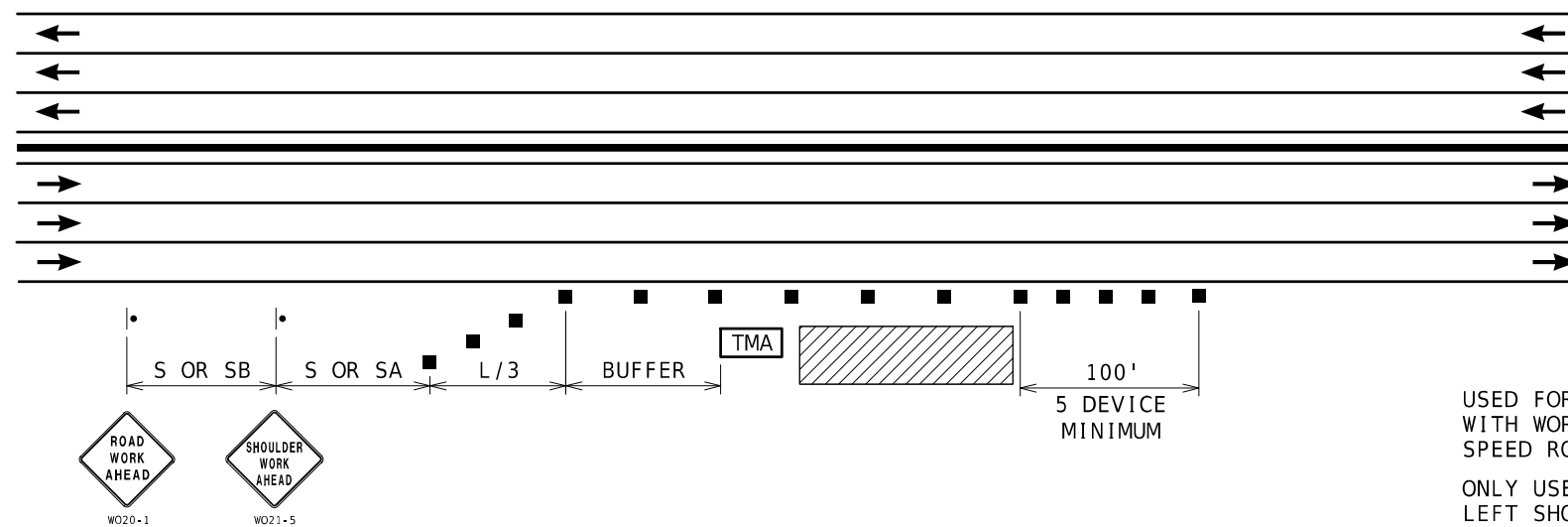


RIGHT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

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.



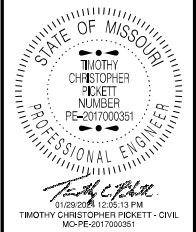
RIGHT SHOULDER WORK
MULTI-LANE FREEWAYS WITH MEDIAN BARRIER

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.

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



DATE PREPARED
12/27/2023

ROUTE VAR	STATE MO
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DISTRICT	SHEET NO.
SE	4

COUNTY	
VARIOUS	

JOB NO.
J9P3624

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

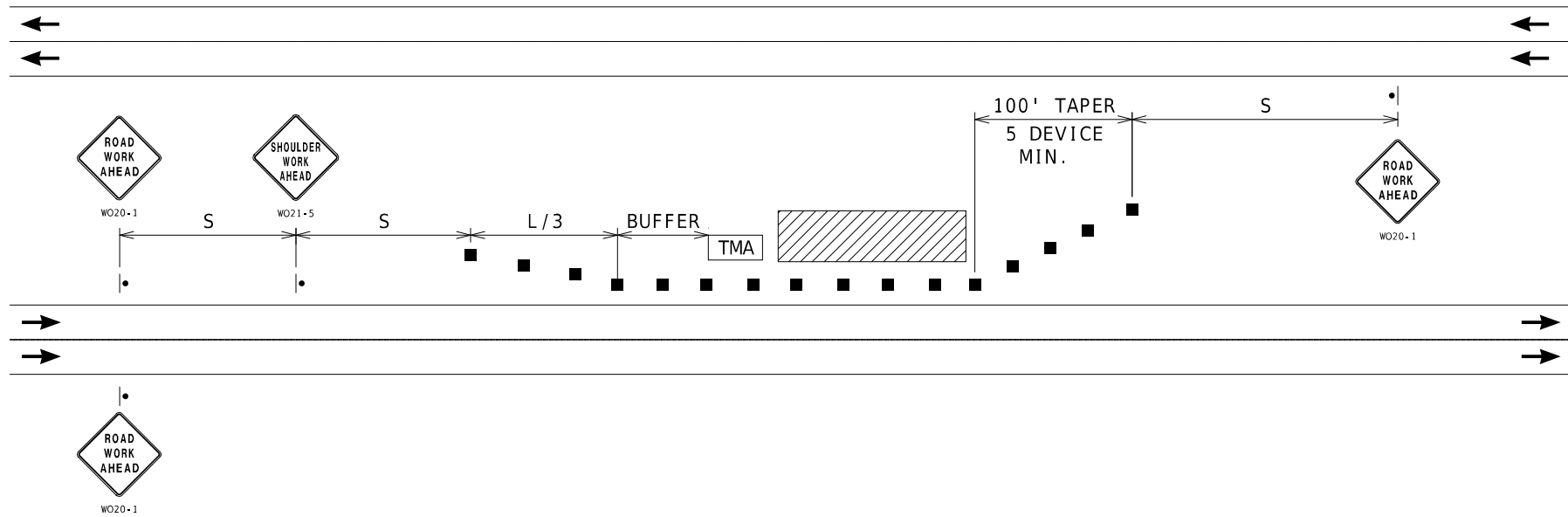
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

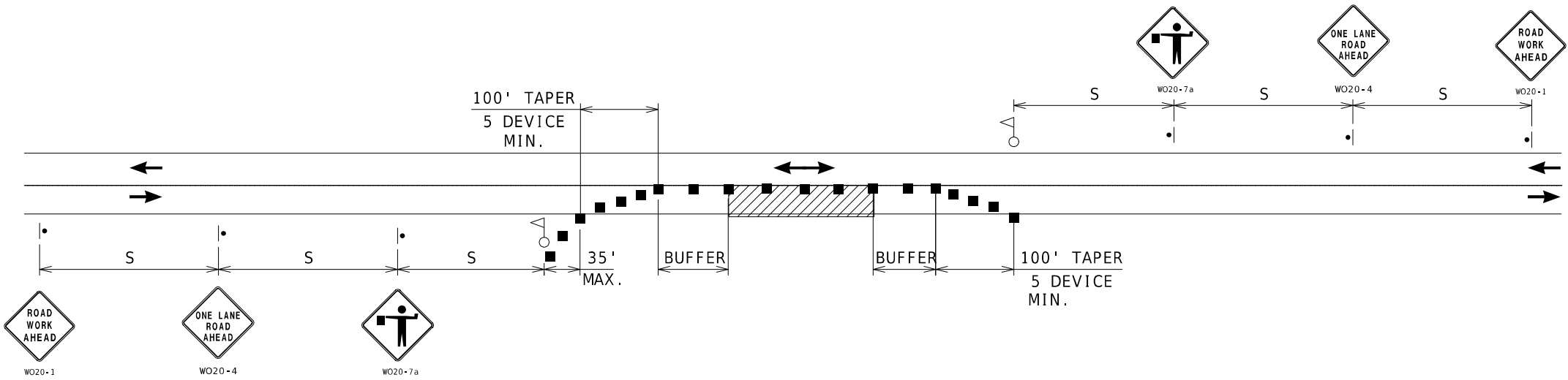
TRAFFIC CONTROL
SHEET 3 OF 9



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.

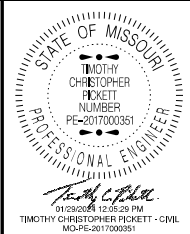
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



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.



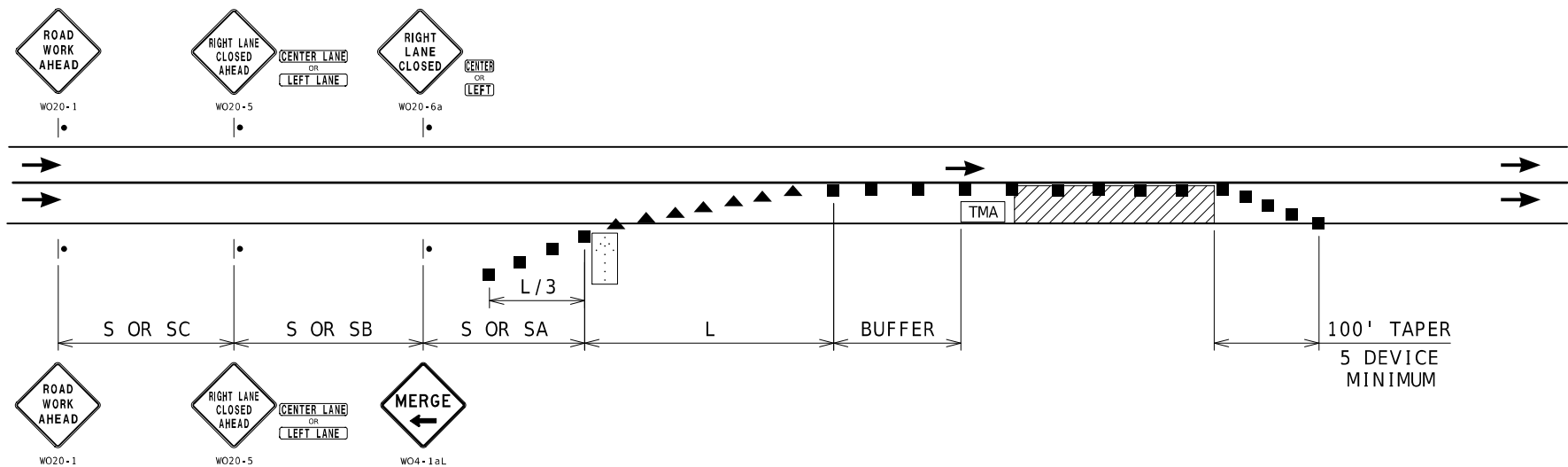
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ROUTE VAR	STATE MO
DISTRICT SE	SHEET NO. 5
COUNTY VARIOUS	
JOB NO. J9P3624	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

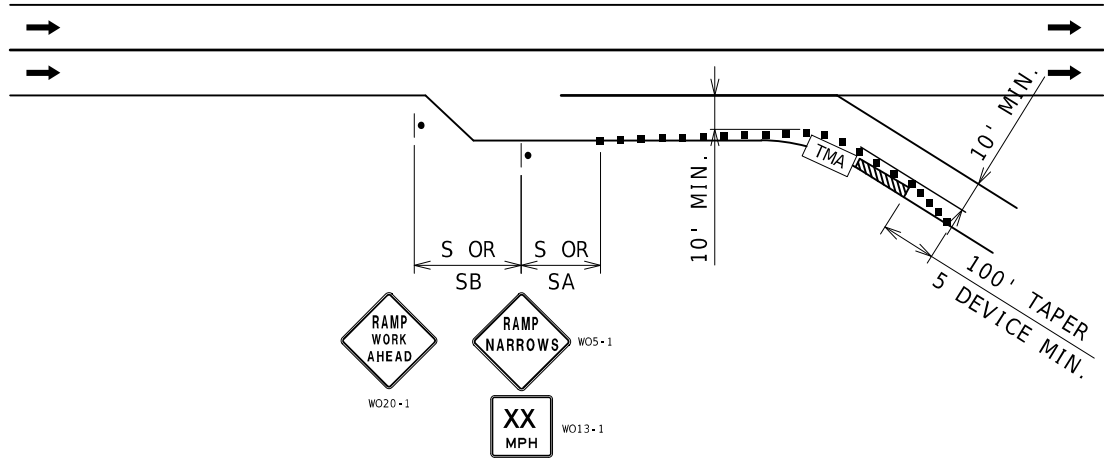


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



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

STATE OF MISSOURI

TIMOTHY CHRISTOPHER PICKETT

NUMBER

PE-2017000351

PROFESSIONAL ENGINEER

01/20/2024 10:02:45 PM

TIMOTHY CHRISTOPHER PICKETT - CIVIL

MO-PE-2017000351

DATE PREPARED

12/27/2023

ROUTE

VAR

STATE

MO

DISTRICT

SE

SHEET NO.

6

COUNTY

VARIOUS

JOB NO.

J9P3624

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

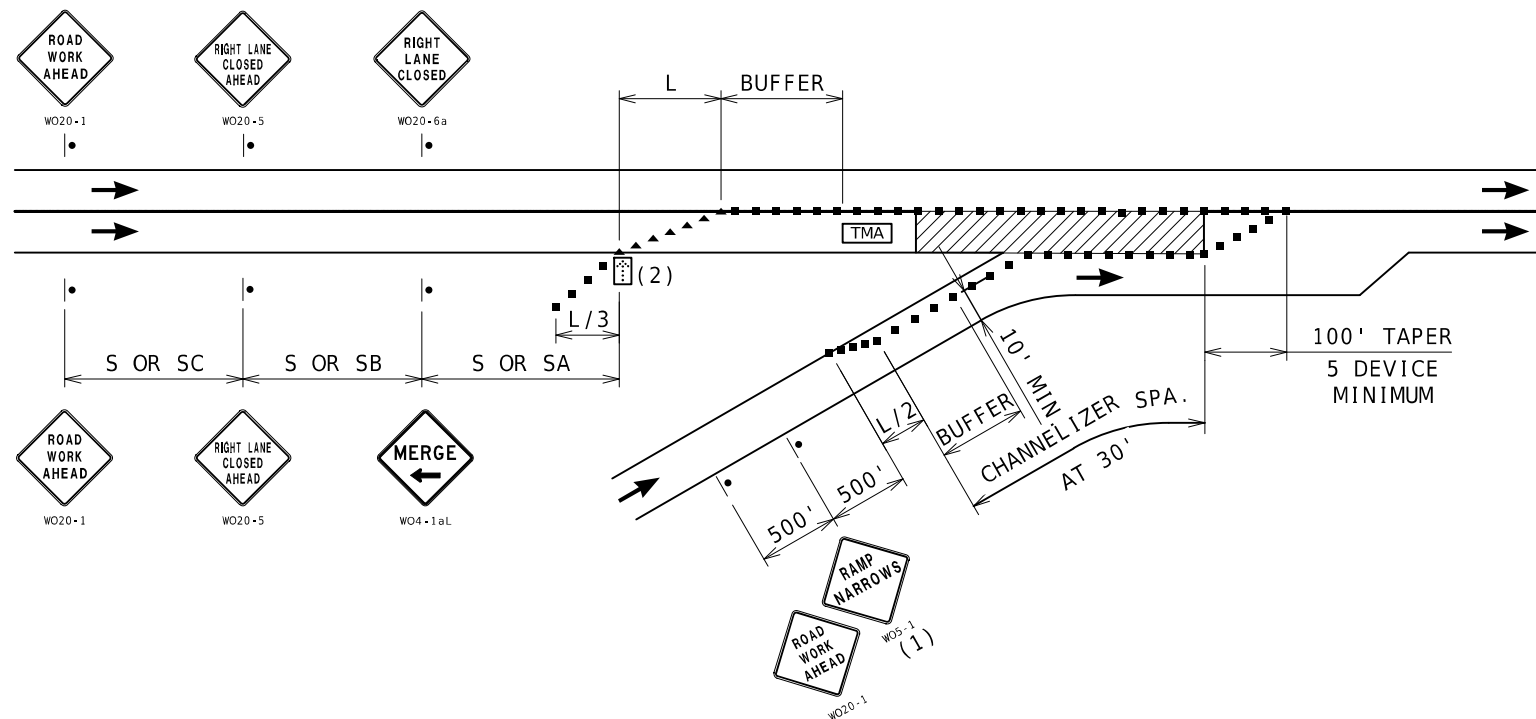
JEFFERSON CITY, MO 65102

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

MODOT

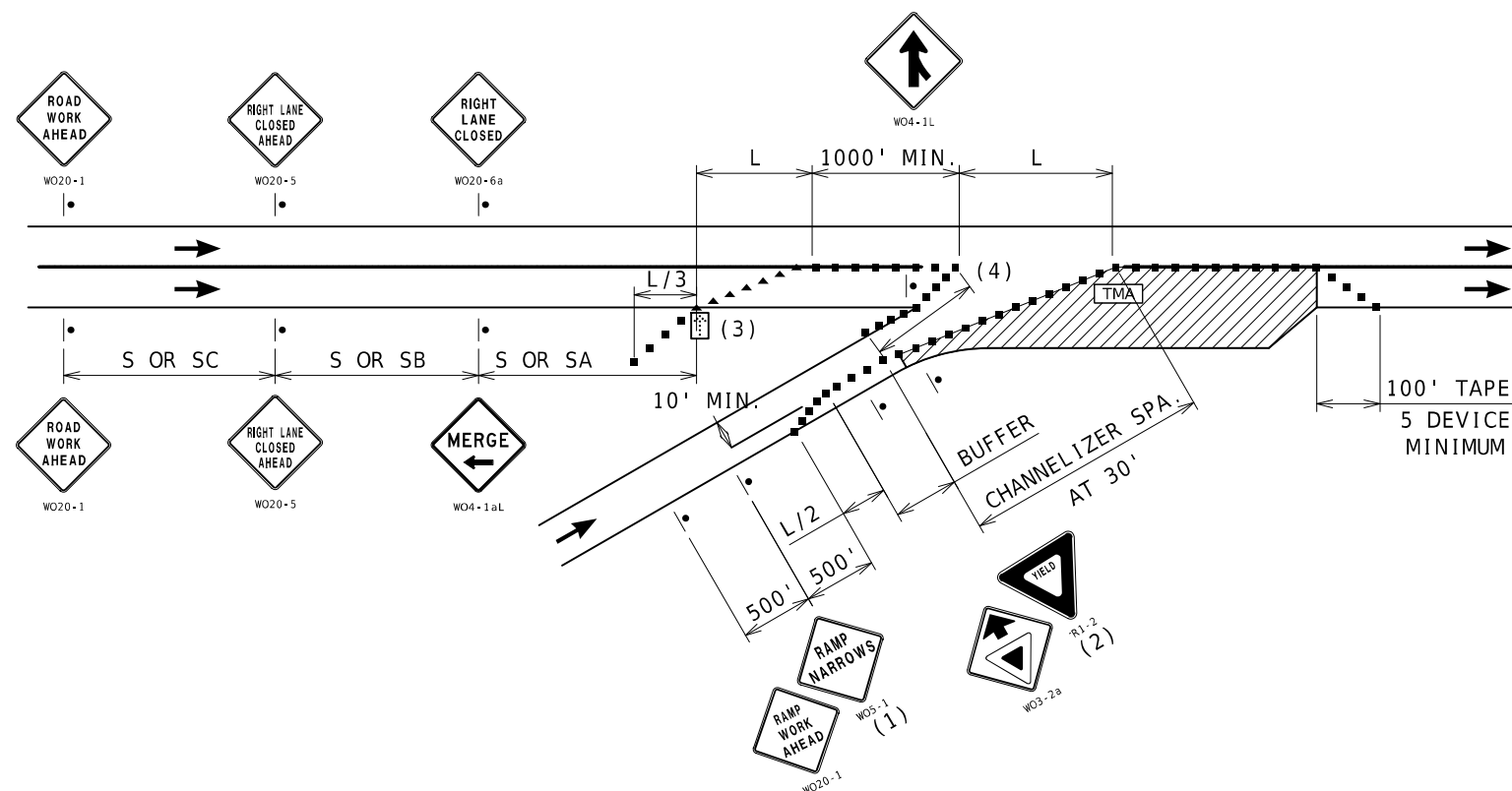
TRAFFIC CONTROL

SHEET 5 OF 9



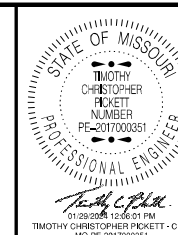
ENTRANCE RAMP AREA MAINLINE WORK

- 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'.



DATE PREPARED
12/27/2023

ROUTE
VAR
DISTRICT
SE

STATE
MO
SHEET NO.
7

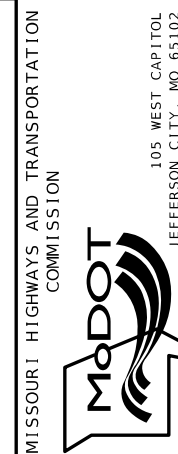
COUNTY
VARIOUS
JOB NO.
J9P3624

CONTRACT ID.

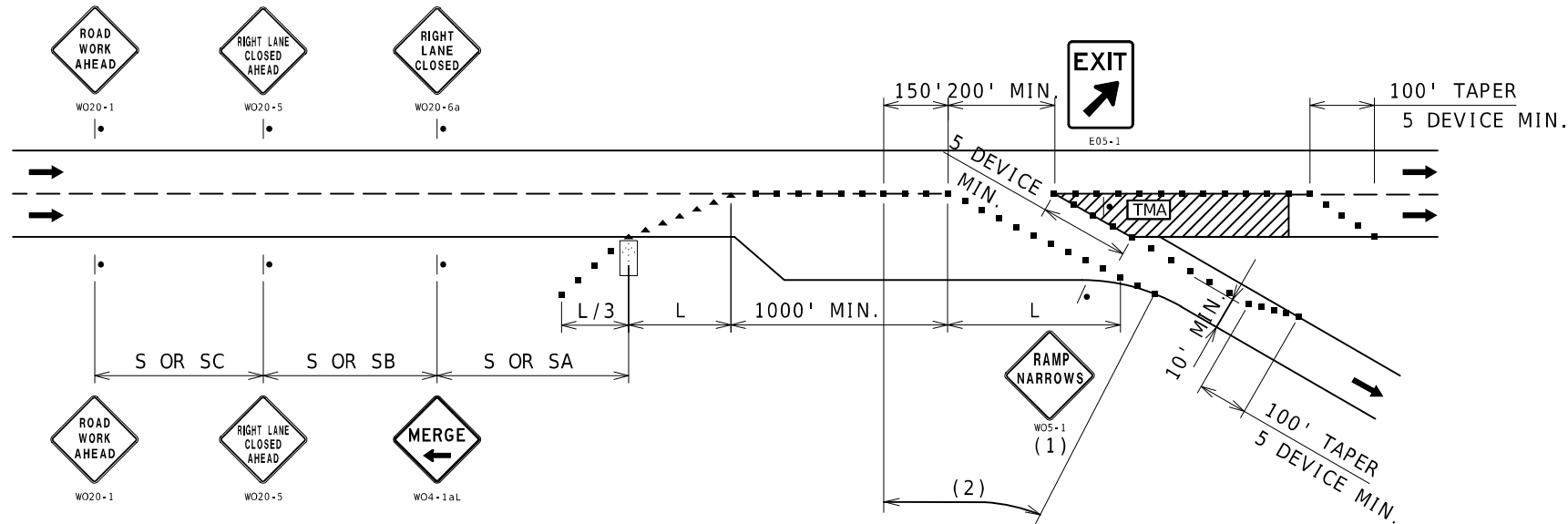
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

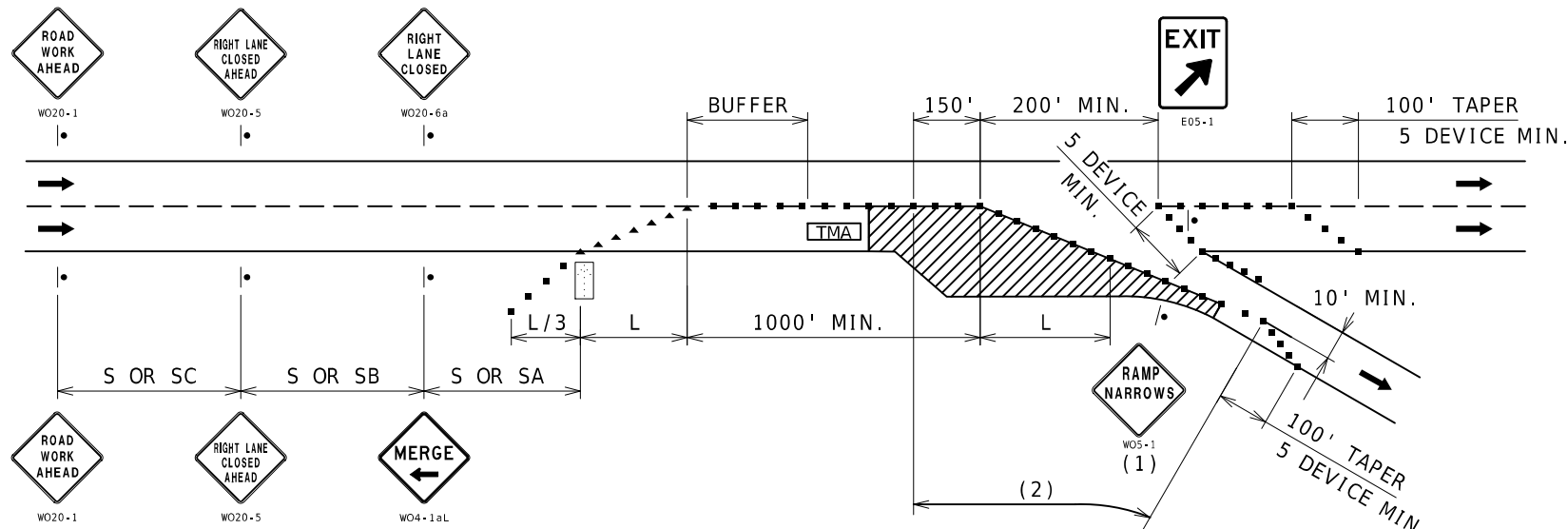


TRAFFIC CONTROL
SHEET 6 OF 9



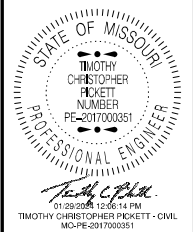
NOTES:
 SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
 (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.
 (2) CHANNELIZER SPACING AT 50'.

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

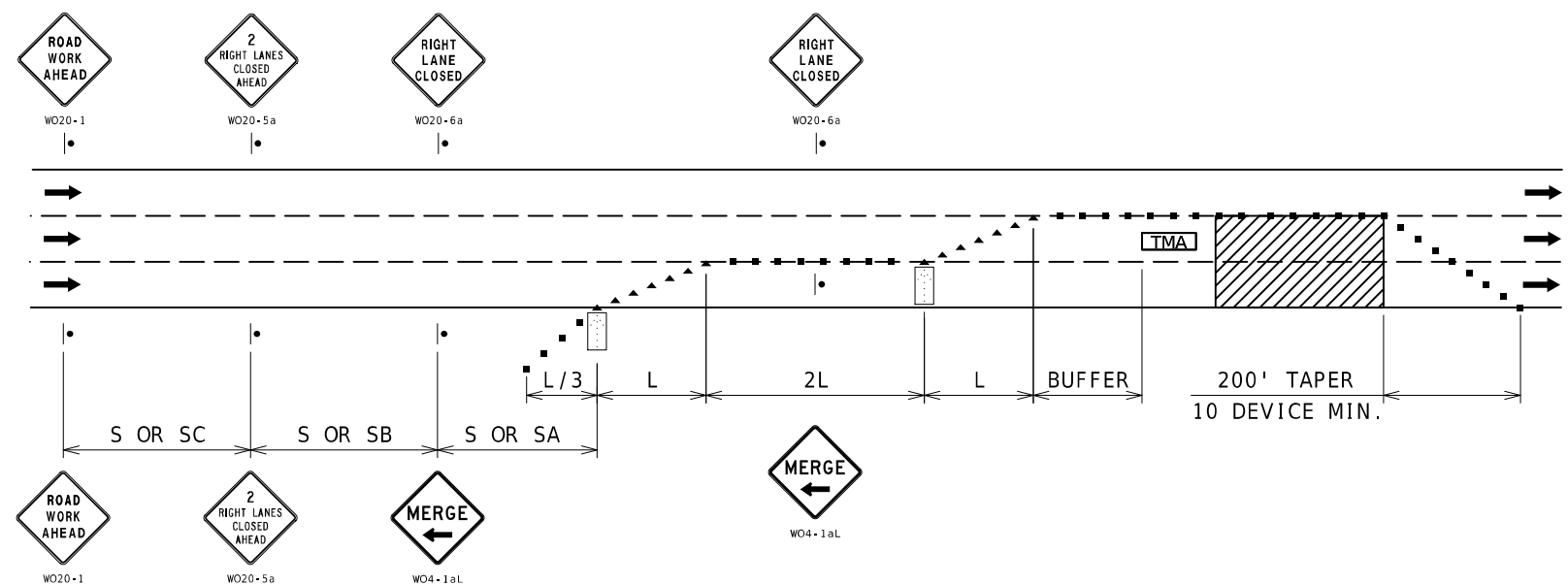


DATE PREPARED 12/27/2023	
ROUTE VAR	STATE MO
DISTRICT SE	SHEET NO. 8
COUNTY VARIOUS	
JOB NO. J9P3624	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

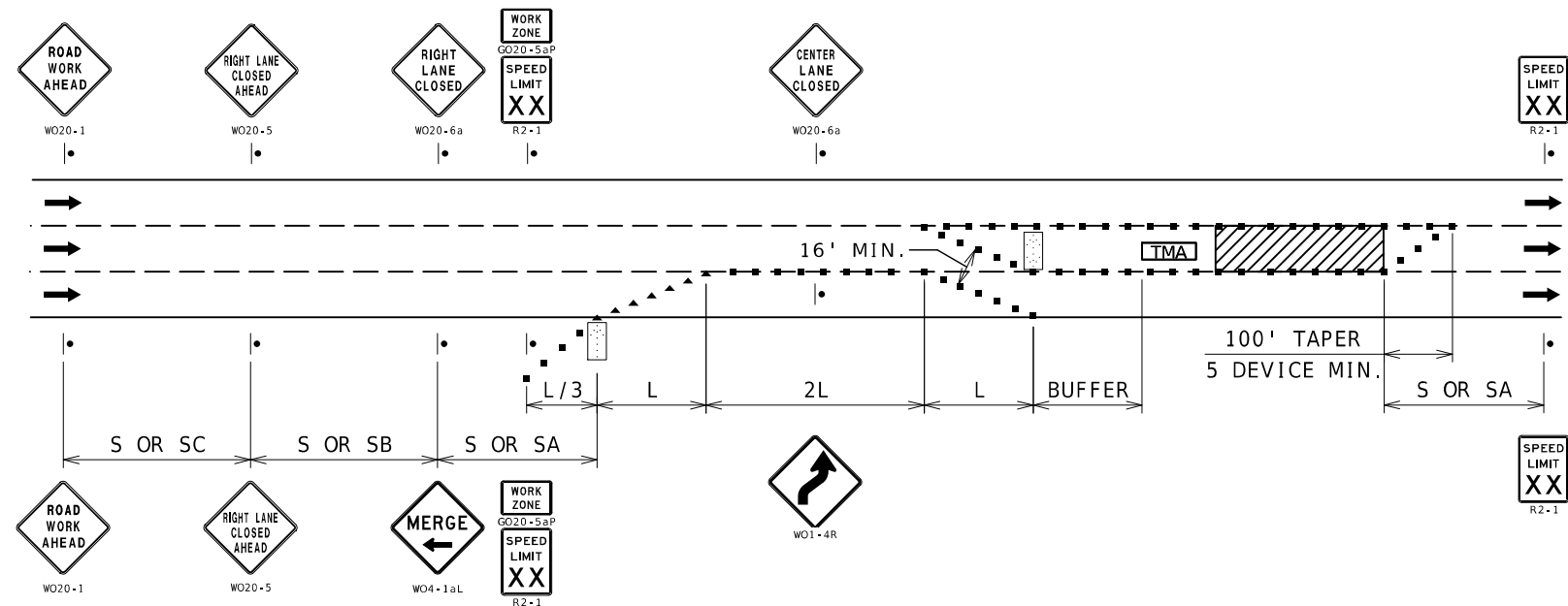
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



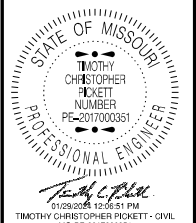
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

DOUBLE LANE CLOSURE



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

INTERIOR LANE CLOSURE



DATE PREPARED 12/27/2023	
ROUTE VAR	STATE MO
DISTRICT SE	SHEET NO. 10
COUNTY VARIOUS	
JOB NO. J9P3624	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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