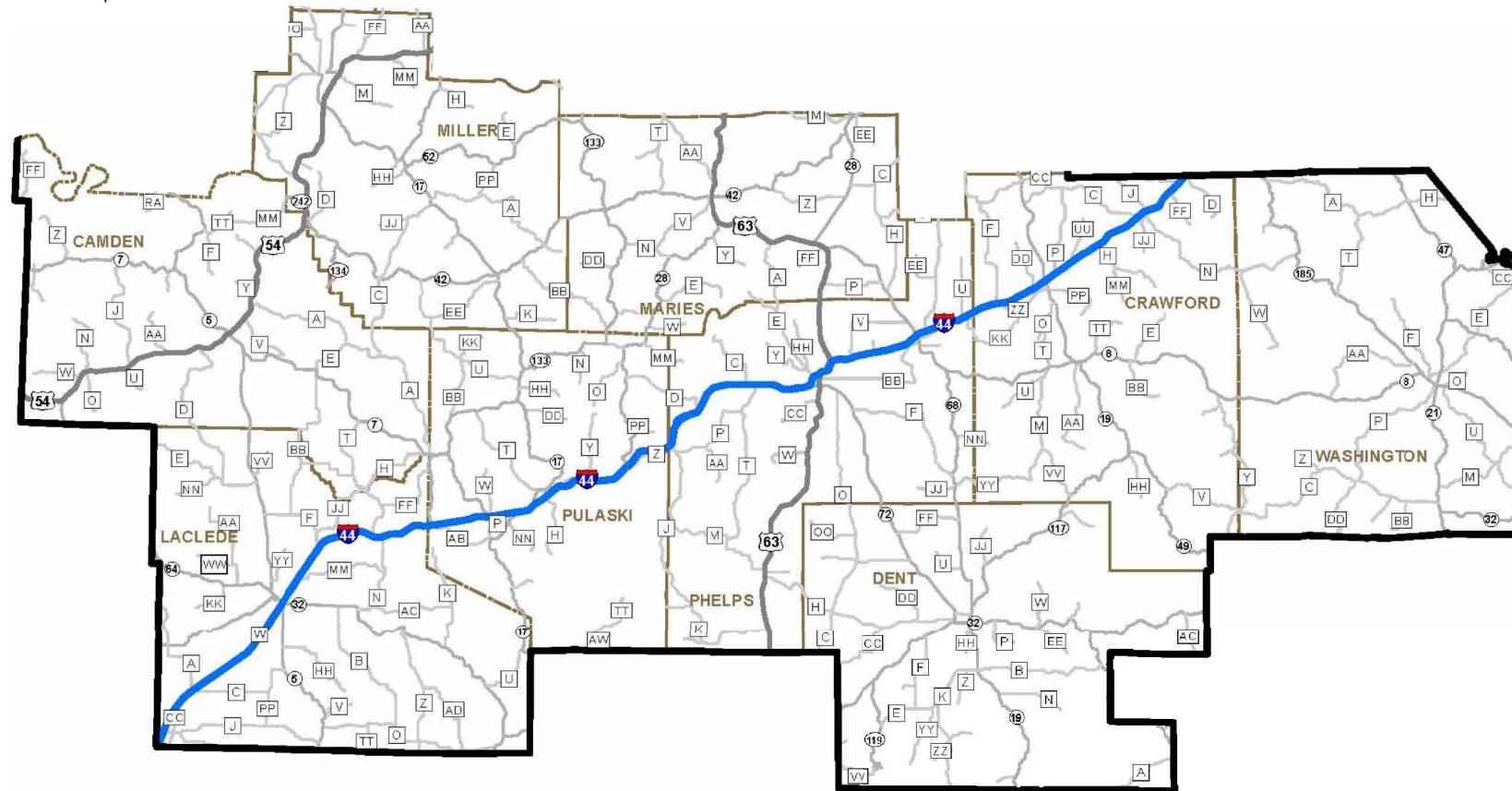


CONVENTIONAL SYMBOLS (USED IN PLANS)

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

EXISTING	NEW
	
	
	
	
	
	
	
	
	
SAN 	
HYD 	
WV 	
WB 	
PI 	
	
SIGN 	
	
	
PED 	
	
	
BM 	

JOB ORDER CONTRACTING
GUARDRAIL REPAIR
AND
GUARDCABLE REPAIR



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TRAFFIC CONTROL SHEETS (TC)-----	2-10

	
<i>Ben Hale</i> 02/13/2025 2:43:22 PM PATRICK J. HAKE - CIVIL NC-PE-201000826	
DATE PREPARED	
2/11/2025	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
CD	1
COUNTY	
VARIOUS	
JOB NO.	
J5P3488	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

THIS PROJECT INCLUDES ALL ROUTES AND COUNTIES
OF THE SOUTH HALF OF CENTRAL DISTRICT.
THIS INCLUDES THE COUNTIES OF CAMDEN,
CRAWFORD, DENT, LACLEDE, MARIES, MILLER,
PHELPS, PULASKI & WASHINGTON.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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	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

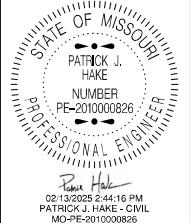
TRAFFIC CONTROL DEVICES

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
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- TRUCK MOUNTED ATTENUATOR
W/ FLASHING ARROW



DATE PREPARED 2/11/2025	
ROUTE VAR	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. J5P3488	
CONTRACT ID.	

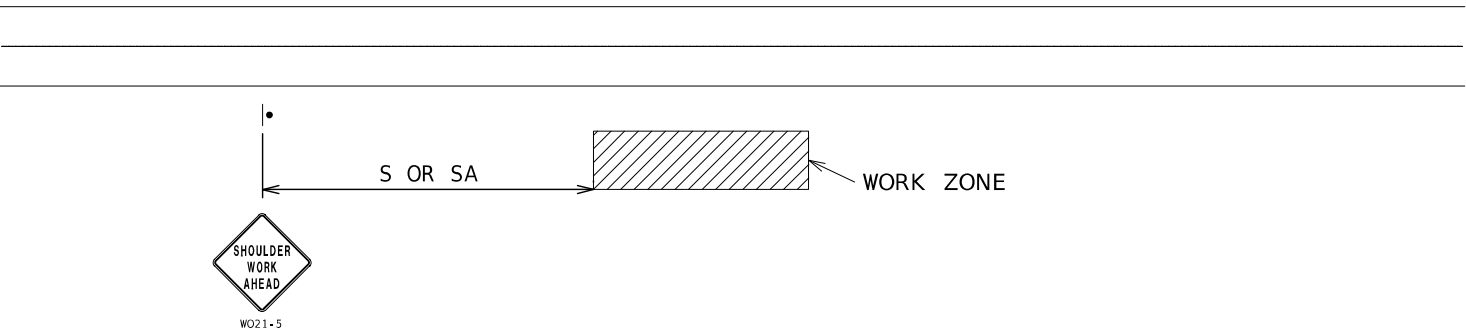
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



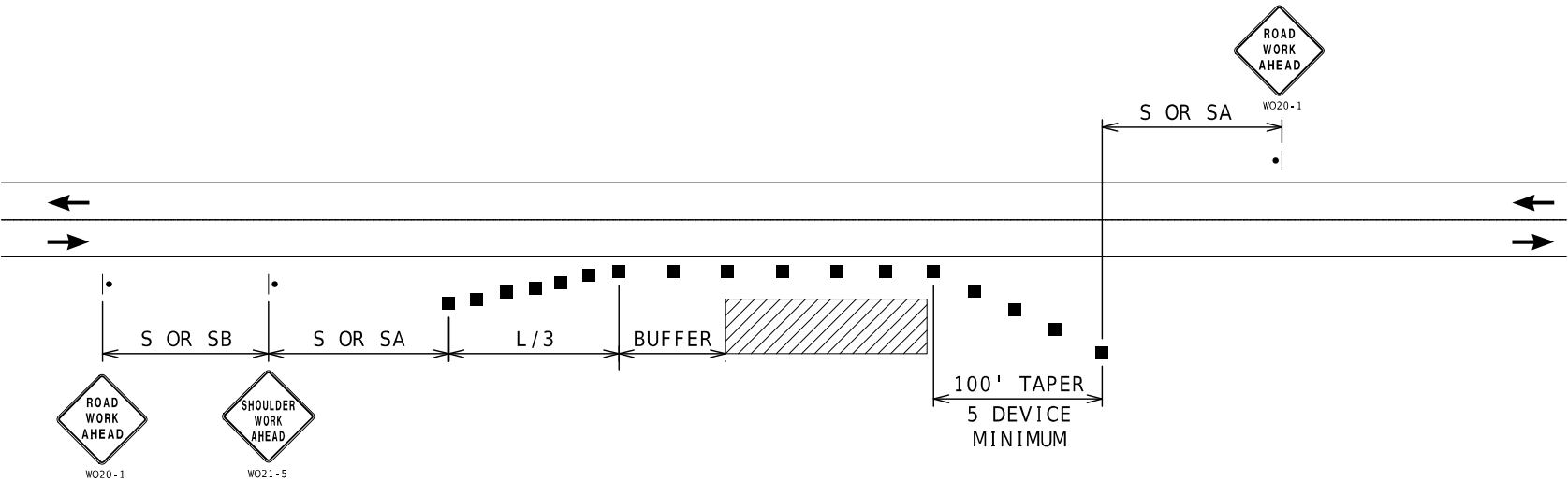
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



WORK BEYOND 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.

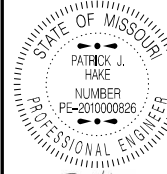
NOTES :
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



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
2/11/2025

ROUTE
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SHEET NO.
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COUNTY
VARIOUS

JOB NO.
J5P3488

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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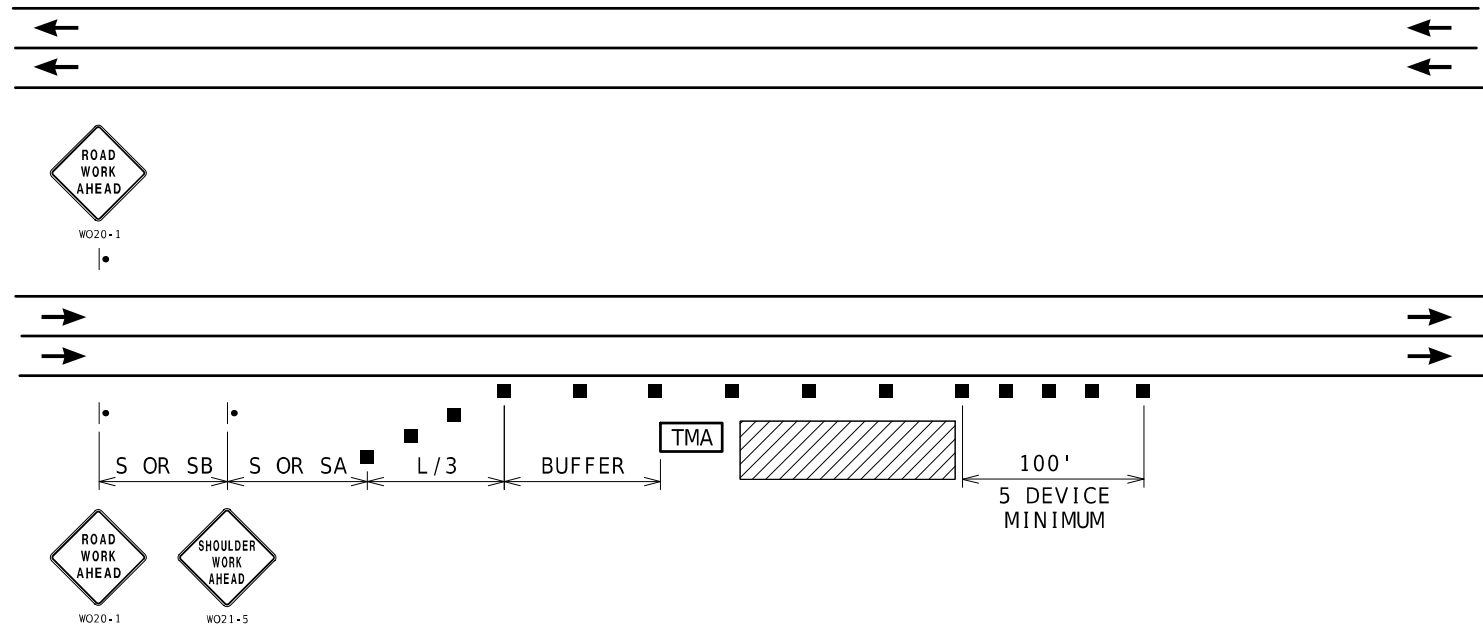
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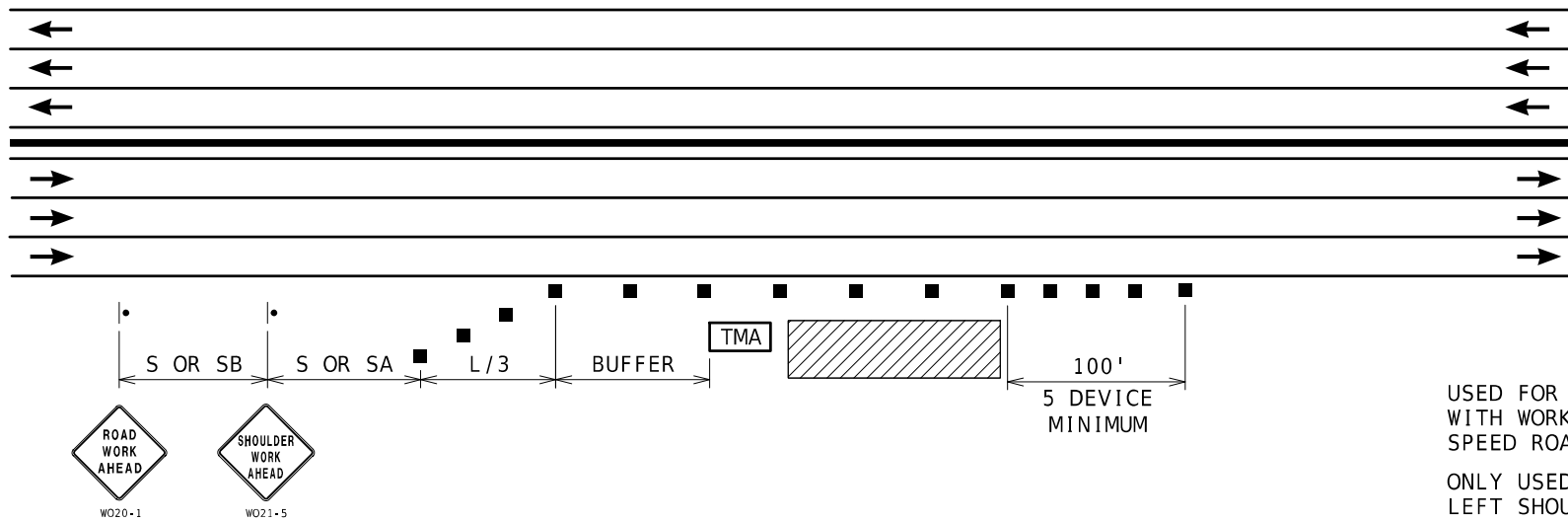


RIGHT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

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.



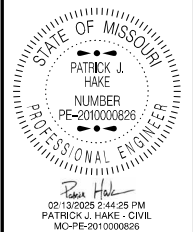
USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.

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:

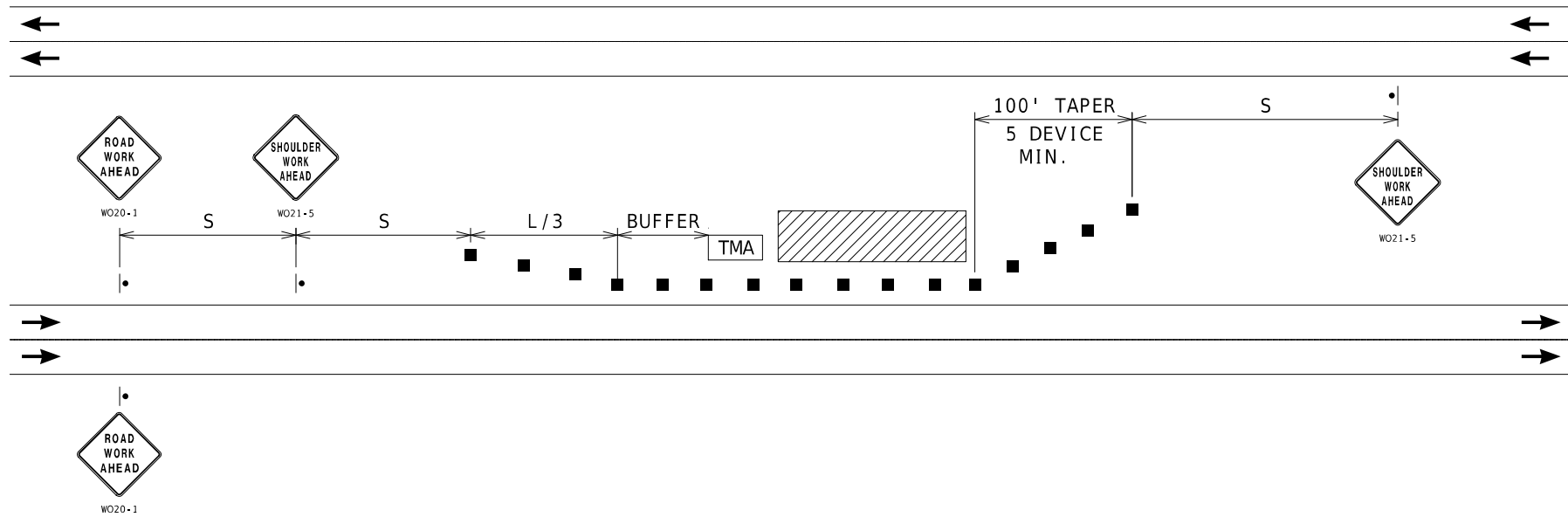
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



DATE PREPARED 2/11/2025	
ROUTE VAR	STATE MO
DISTRICT CD	SHEET NO. 4
COUNTY VARIOUS	
JOB NO. J5P3488	
CONTRACT ID.	
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BRIDGE NO.	

DATE	DESCRIPTION

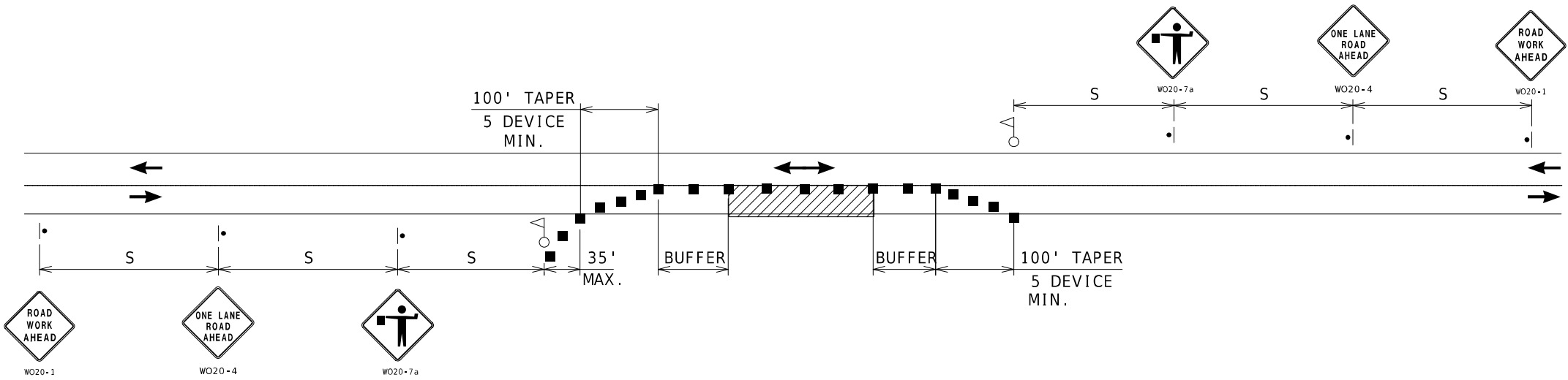




LEFT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

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 RAMP AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT
WILL BE MADE FOR FLAGGERS

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



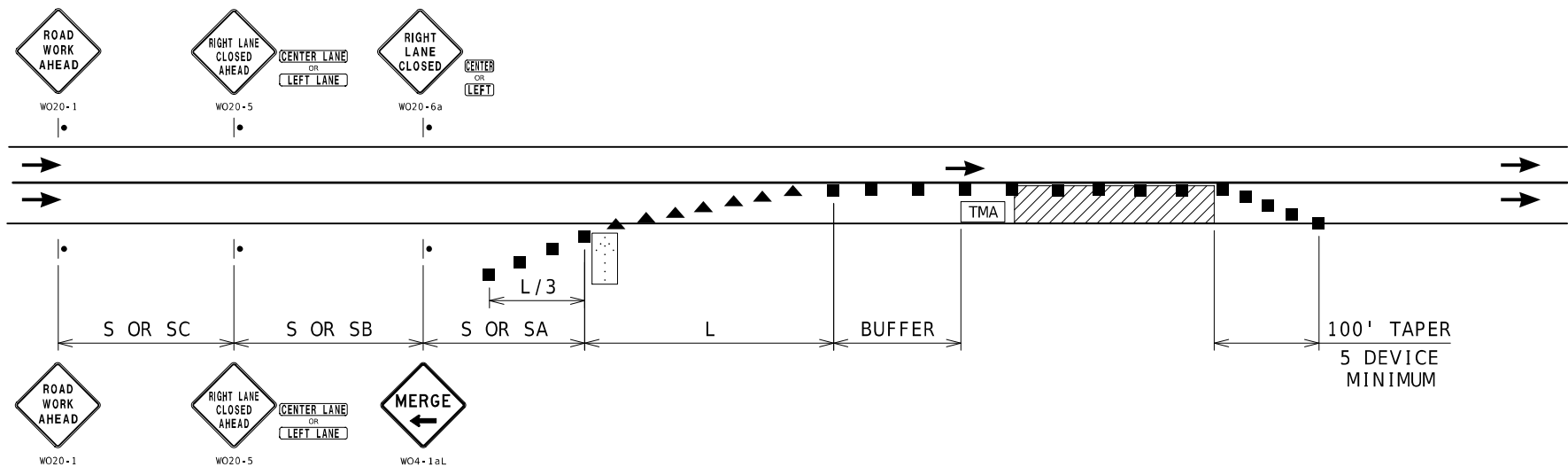
DATE PREPARED 2/11/2025	
ROUTE VAR	STATE MO
DISTRICT CD	SHEET NO. 5
COUNTY VARIOUS	
JOB NO. J5P3488	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

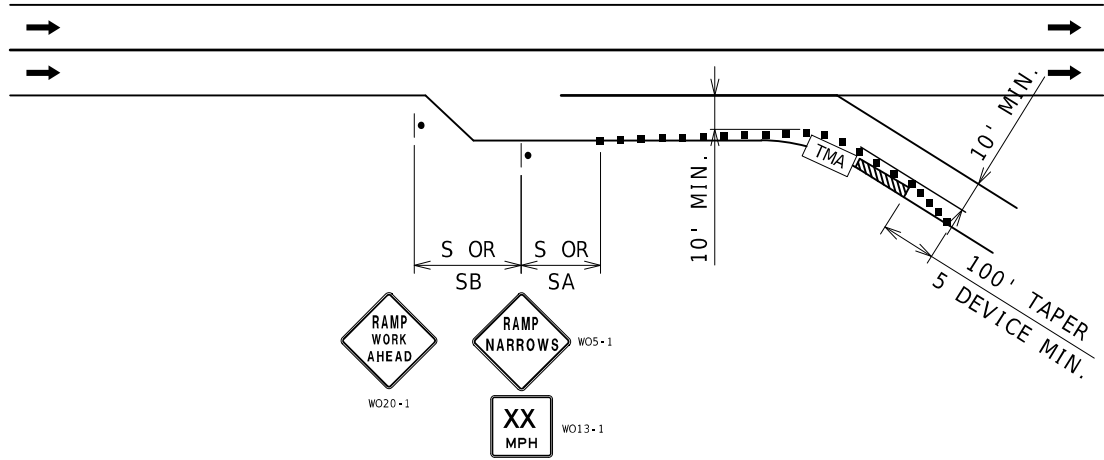


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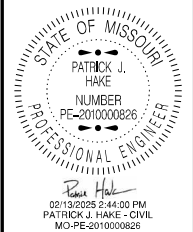
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

SINGLE LANE CLOSURE



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

PARTIAL RAMP CLOSURE



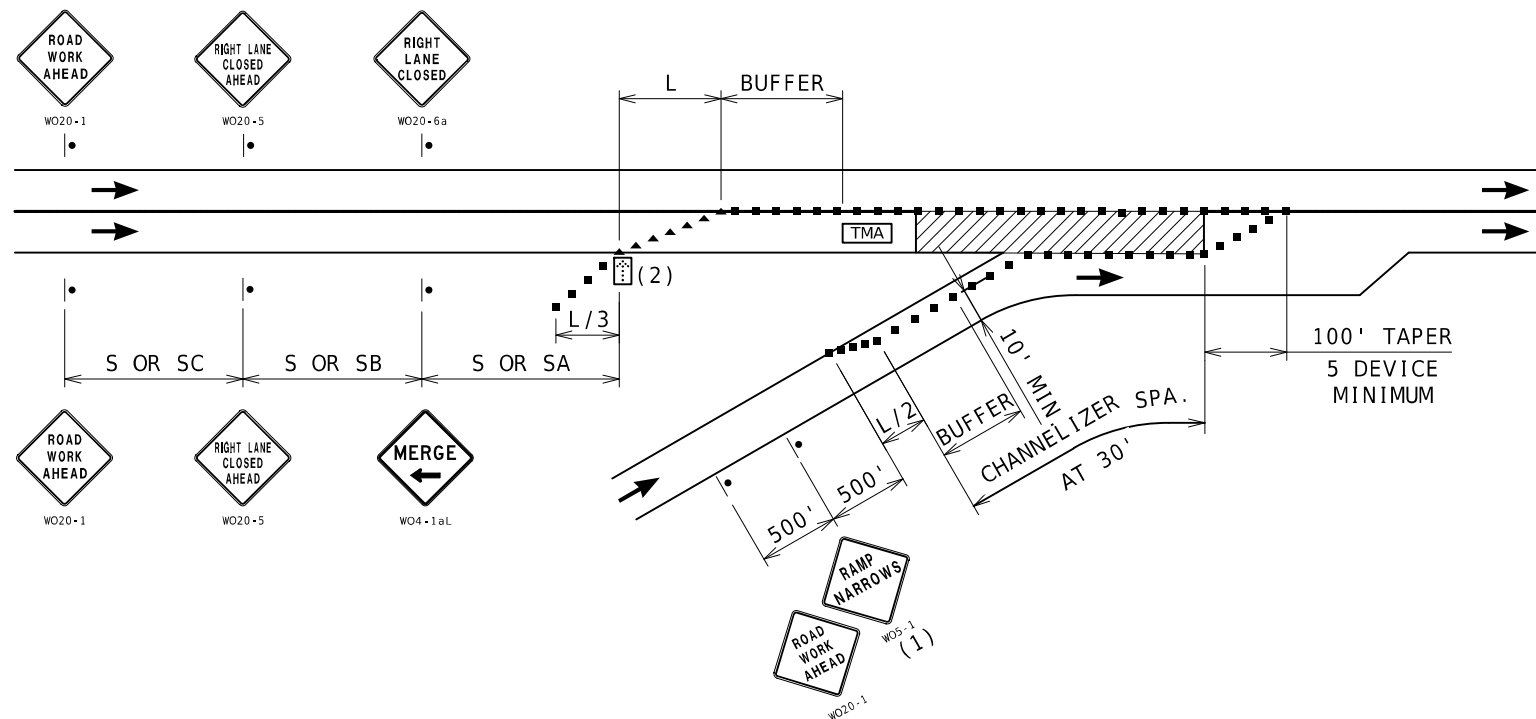
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ROUTE VAR	STATE MO
DISTRICT CD	SHEET NO. 6
COUNTY VARIOUS	
JOB NO. J5P3488	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

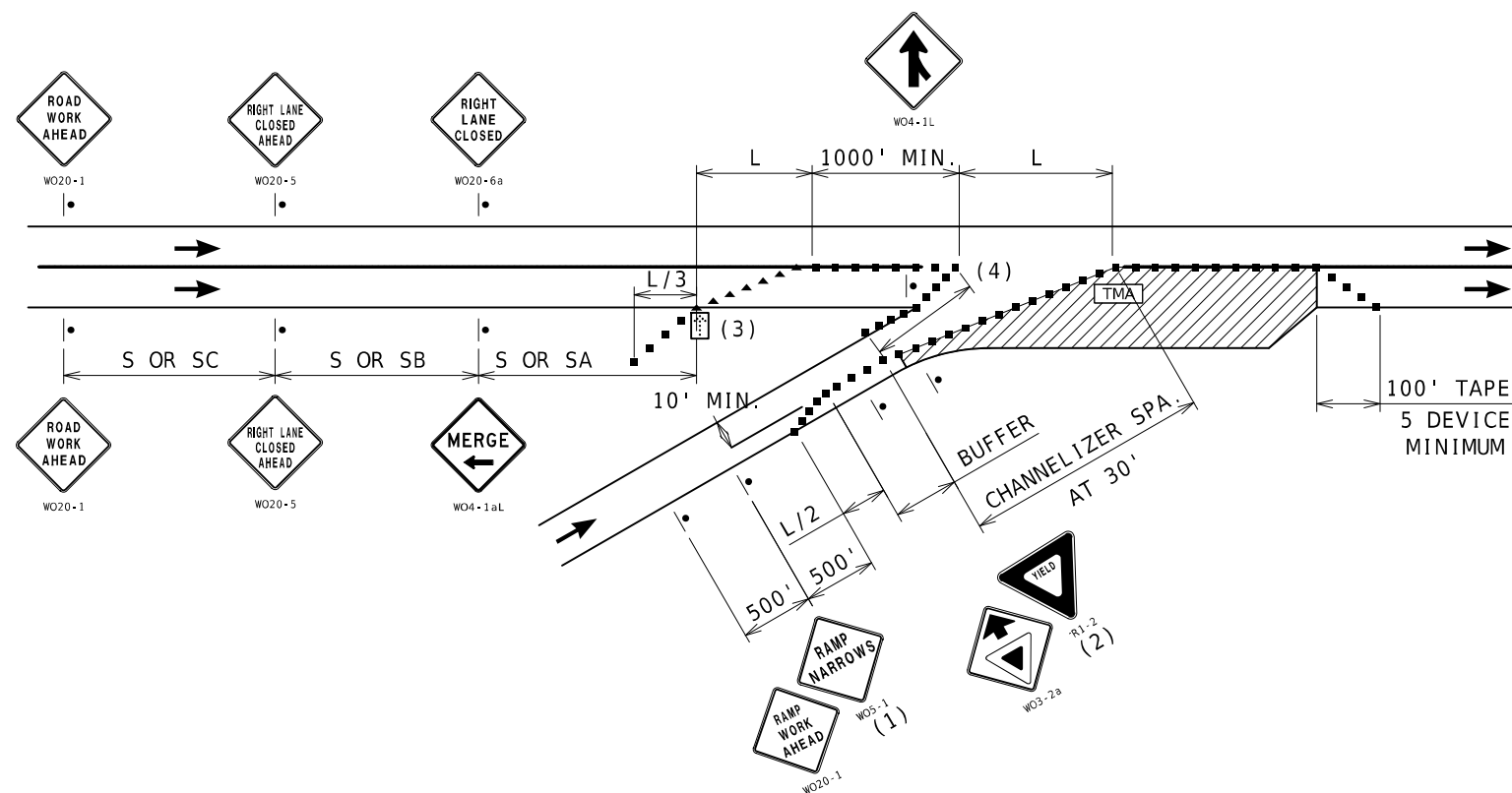
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1-888-ASK-MODOT (1-888-275-6636)



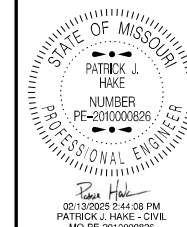
ENTRANCE RAMP AREA MAINLINE WORK

- 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
2/11/2025

ROUTE
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JOB NO.
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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

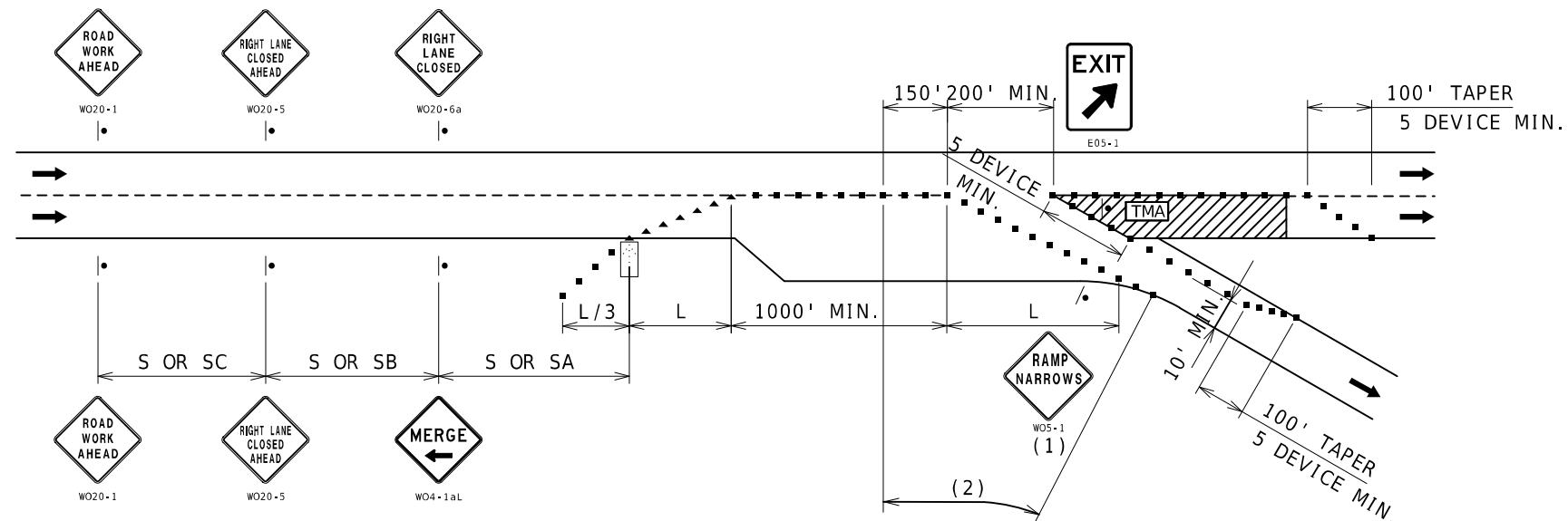
DATE	DESCRIPTION

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 9

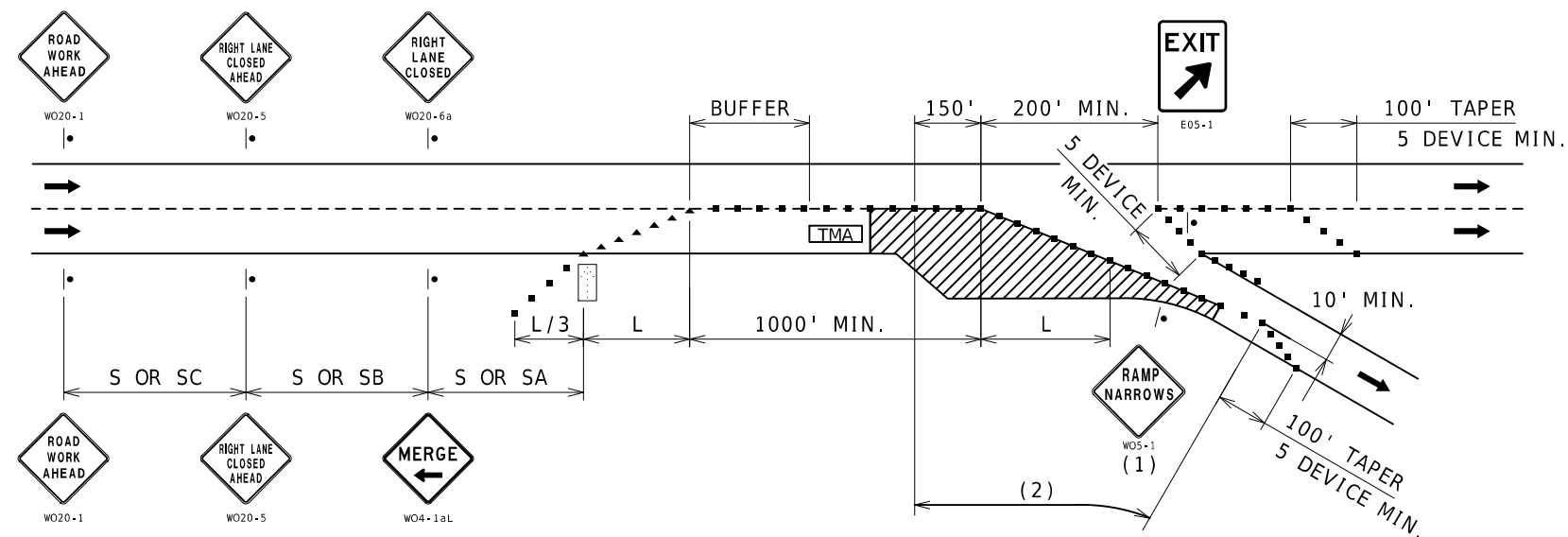


NOTES :

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



02/19/2025 2:43:51 PM
PATRICK J. HAKE - CIVIL
MO DE 00100000000

DATE PREPARED

2/11/2025	
ROUTE	STATE

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J5P3488

CONTRACT ID.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TRAFFIC CONTROL
SHEET 7 OF 9



(1) CHANNELIZER SPACING AT 50'.



(1) CHANNELIZER SPACING AT 50'.

[illegible]

