

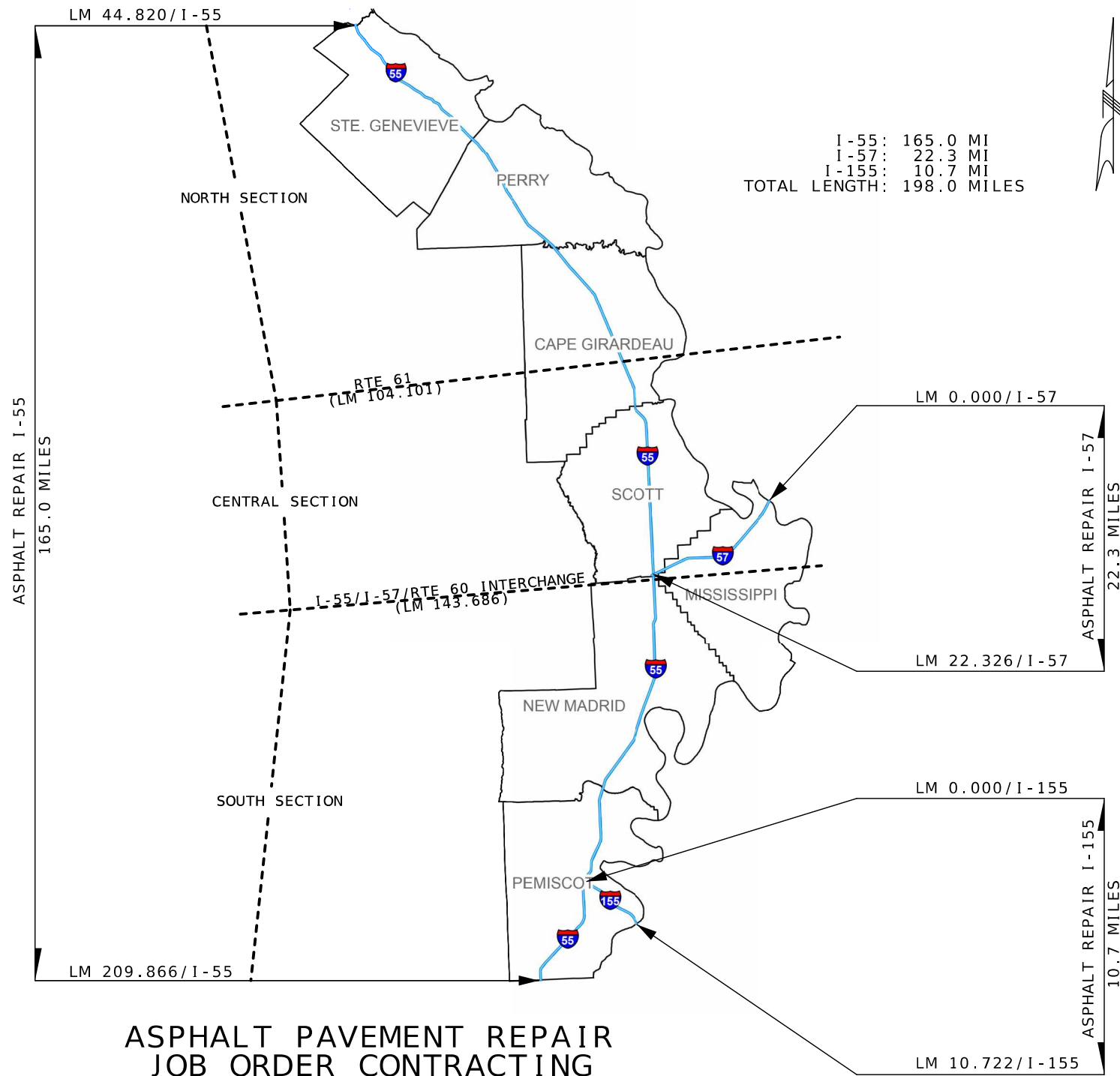
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED

STATE HIGHWAY

VARIOUS COUNTIES

SOUTHEAST DISTRICT

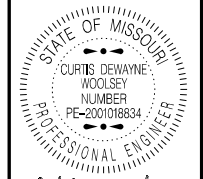


ASPHALT PAVEMENT REPAIR JOB ORDER CONTRACTING

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
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Curtis Dewayne Woolsey
 01/15/2025 12:47:02 PM
 CURTIS DEWAYNE WOOLSEY - CIVIL
 MO-PE-2001018834

DATE PREPARED
 1/15/2025

ROUTE STATE
 55/57/155 MO

DISTRICT SHEET NO.
 SE 1

COUNTY
 VARIOUS

JOB NO.
 JSE0112

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)

CONVENTIONAL SYMBOLS (USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES	[Symbol]	[Symbol]
GUARD RAIL	[Symbol]	[Symbol]
GUARD CABLE	[Symbol]	[Symbol]
CONCRETE RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
STEEL RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
LOCATION SURVEY MARKER	[Symbol]	[Symbol]
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE	[Symbol]	[Symbol]
FIRE HYDRANT	[Symbol]	[Symbol]
WATER VALVE	[Symbol]	[Symbol]
WATER METER	[Symbol]	[Symbol]
DROP INLET	[Symbol]	[Symbol]
DITCH BLOCK	[Symbol]	[Symbol]
GROUND MOUNTED SIGN	[Symbol]	[Symbol]
LIGHT POLE	[Symbol]	[Symbol]
H-FRAME POWER POLE	[Symbol]	[Symbol]
TELEPHONE PEDESTAL	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
CHAIN LINK	[Symbol]	[Symbol]
WOVEN WIRE	[Symbol]	[Symbol]
GATE POST	[Symbol]	[Symbol]
BENCHMARK	[Symbol]	[Symbol]

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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

LONGITUDINAL BUFFER SPACE (B)	
SPEED MPH	BUFFER SPACE (FEET)
0-35	250
40-45	360
50-55	495
60-70	730

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

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

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.









- SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION
- SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

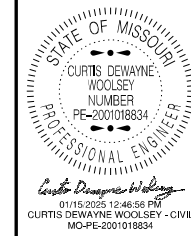
TRAFFIC CONTROL DEVICES

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



DATE PREPARED	
1/15/2025	
ROUTE	STATE
55/57/155	MO
DISTRICT	SHEET NO.
SE	2
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VARIOUS	
JOB NO.	
JSE0112	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

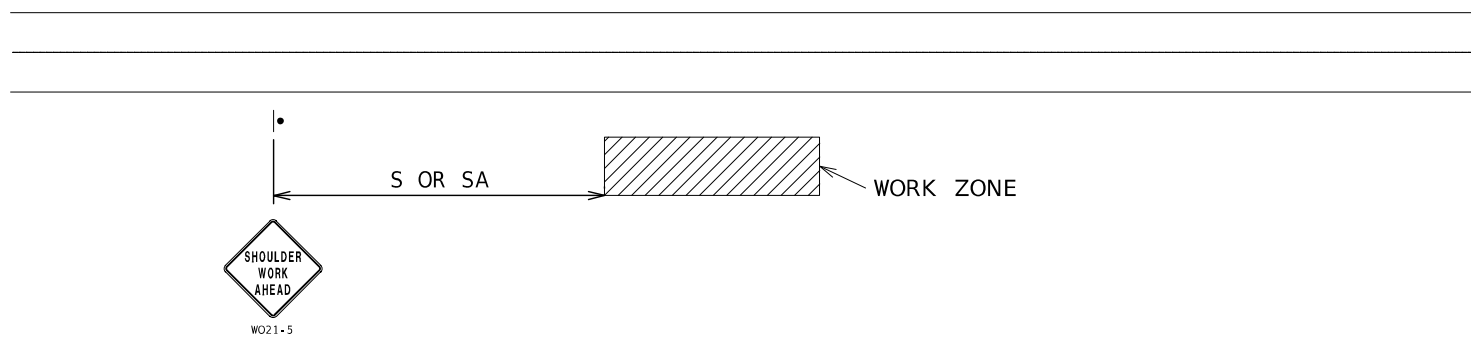


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



Curtis Dewayne Woolsey
01/15/2025 12:46:49 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	1/15/2025		
ROUTE	55/57/155	STATE	MO
DISTRICT	SE	SHEET NO.	3
COUNTY	VARIOUS		
JOB NO.	JSE0112		
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			

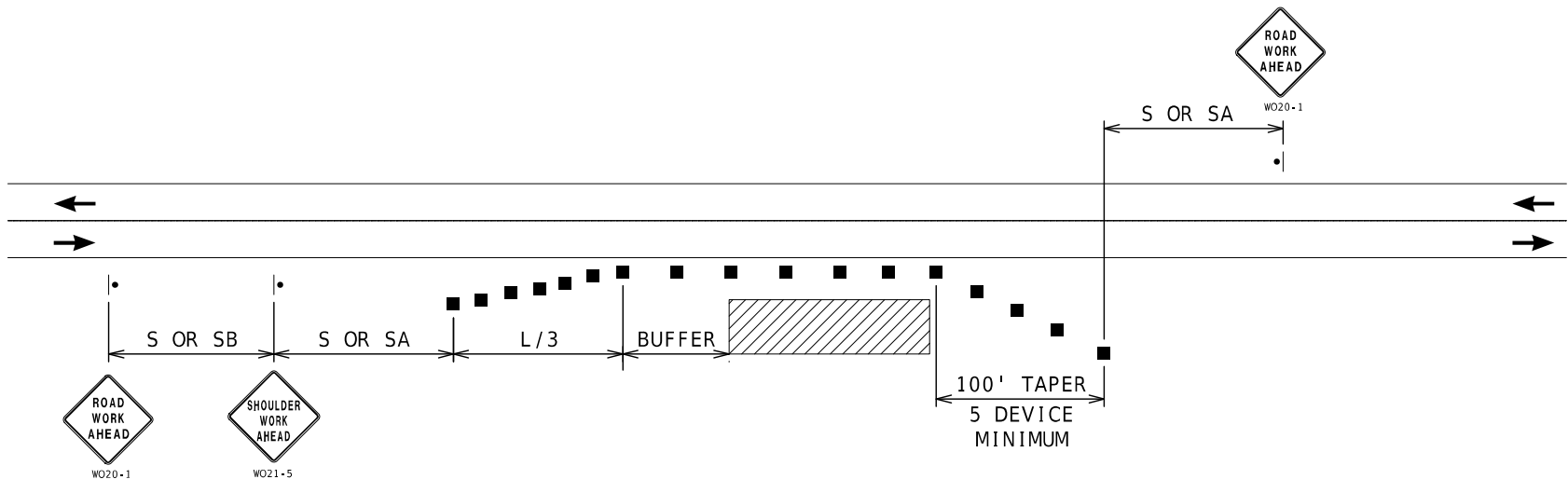


WORK BEYOND SHOULDER - UNDIVIDED OR DIVIDED ROADWAYS

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.

DATE	DESCRIPTION



SHOULDER WORK - UNDIVIDED ROADWAYS

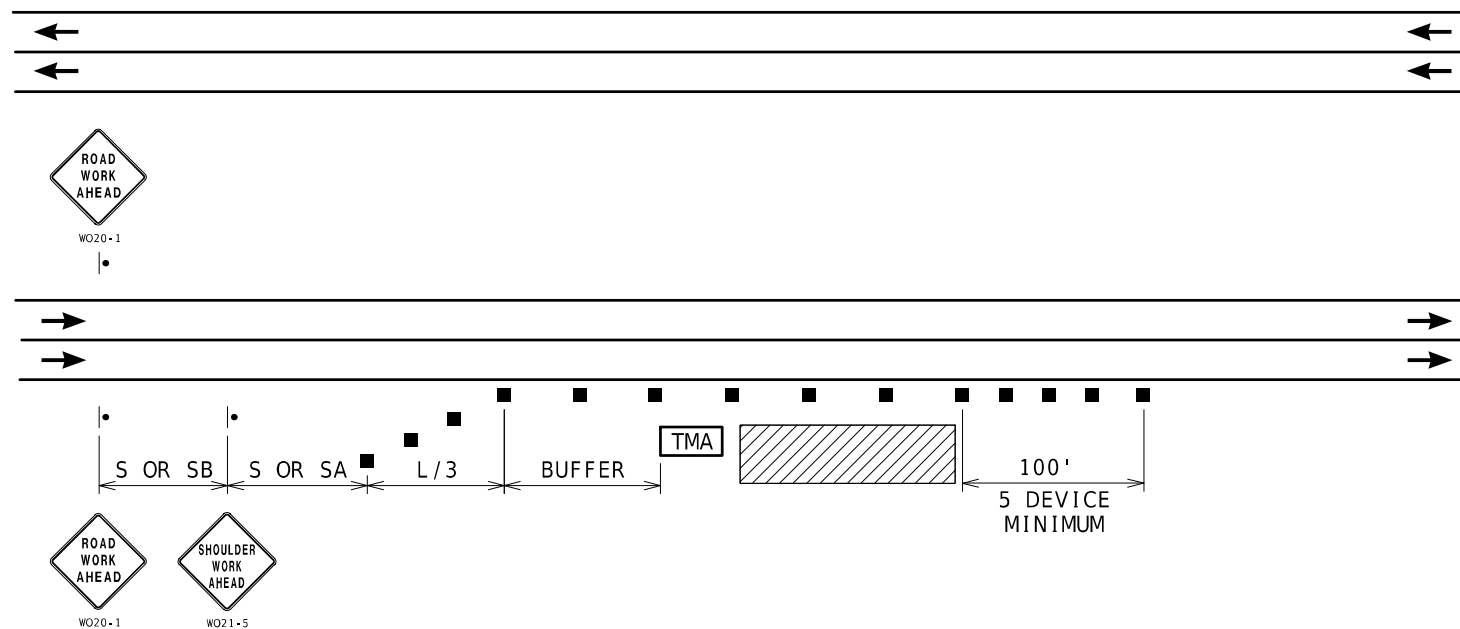
USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

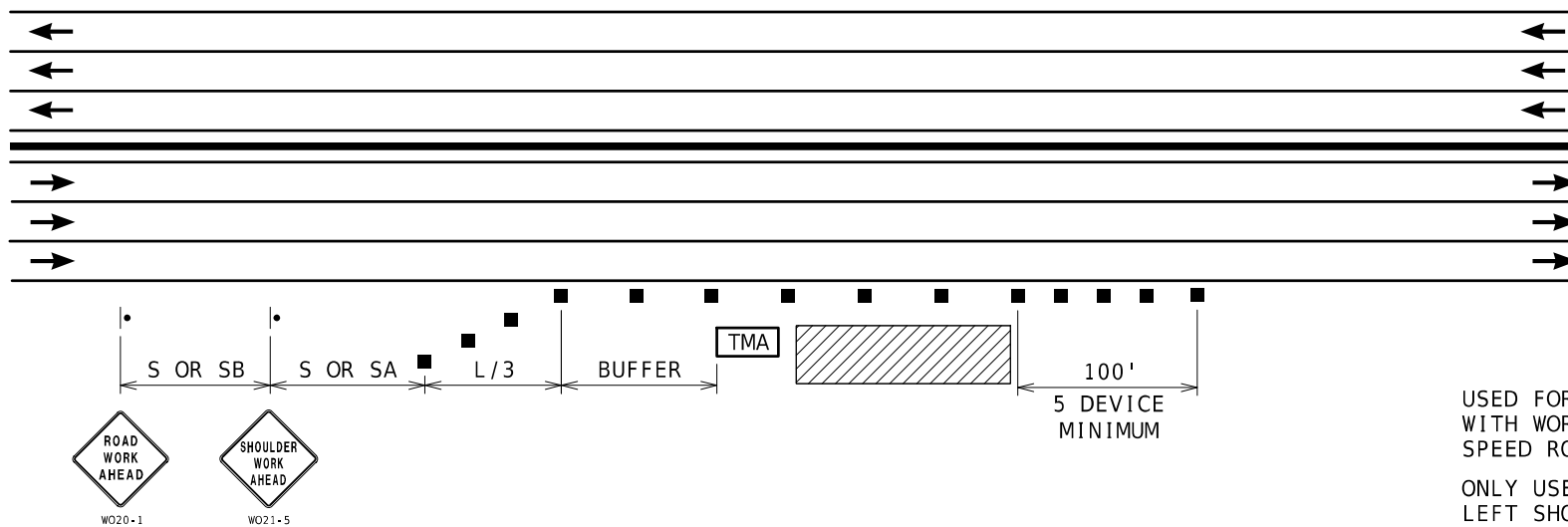
TRAFFIC CONTROL
SHEET 2 OF 9



RIGHT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

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

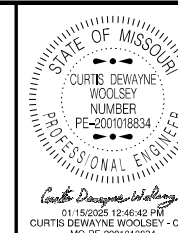
USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.



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
1/15/2025

ROUTE STATE
55/57/155 MO

DISTRICT SHEET NO.
SE 4

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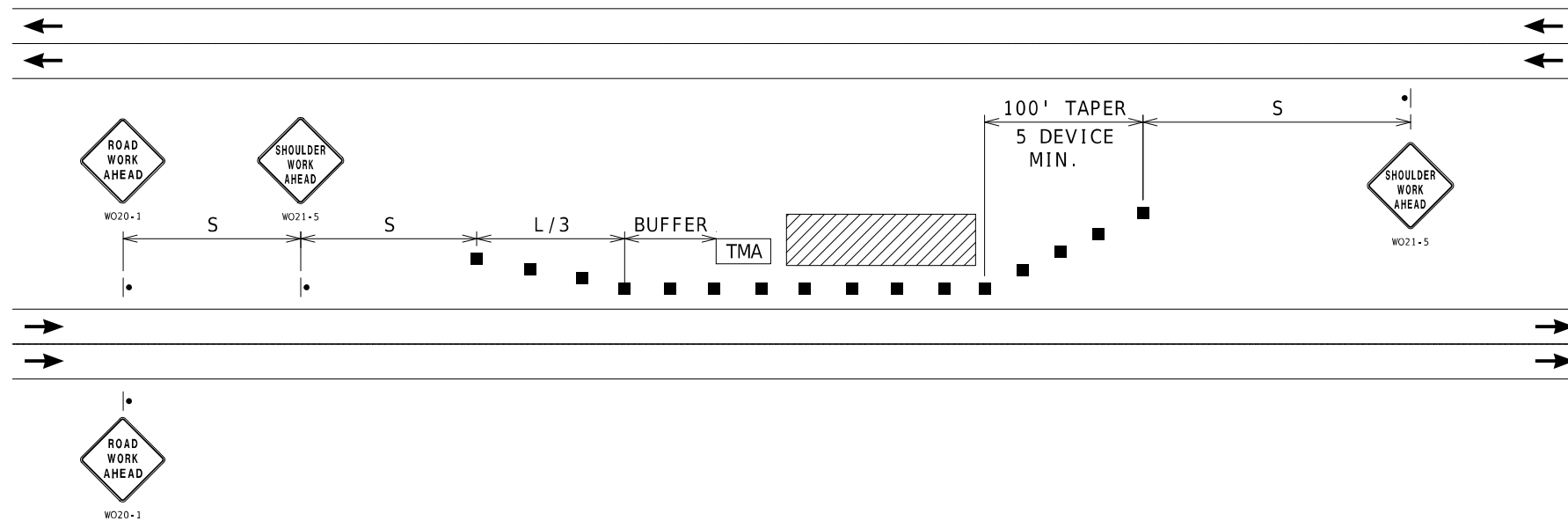
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MISSOURI HIGHWAYS AND TRANSPORTATION
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

TRAFFIC CONTROL
SHEET 3 OF 9

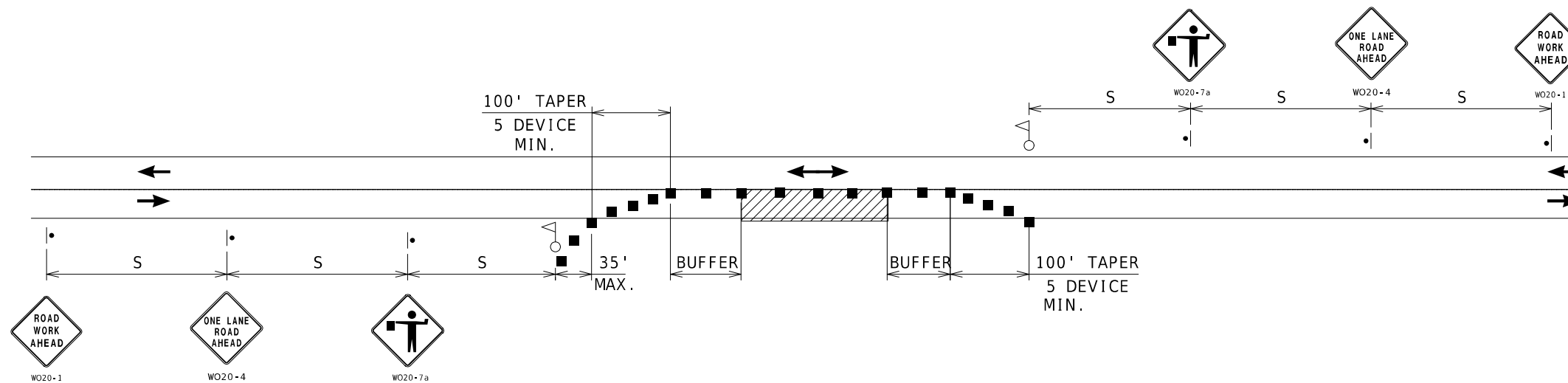


LEFT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

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.

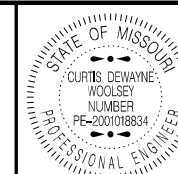


ONE-LANE TWO-WAY OPERATION WITH FLAGGERS

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.



CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

DATE PREPARED
1/15/2025

ROUTE STATE
55/57/155 MO

DISTRICT SHEET NO.
SE 5

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JSE0112

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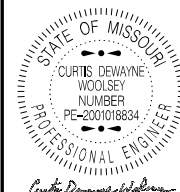
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MISSOURI HIGHWAYS AND TRANSPORTATION
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



TRAFFIC CONTROL
SHEET 4 OF 9



CURTIS DEWAYNE WOOLSEY
 NUMBER
 PE-2001018834
 PROFESSIONAL ENGINEER
 STATE OF MISSOURI

DATE PREPARED
1/15/2025

ROUTE STATE
55/57/155 MO

DISTRICT SHEET NO.
SE 6

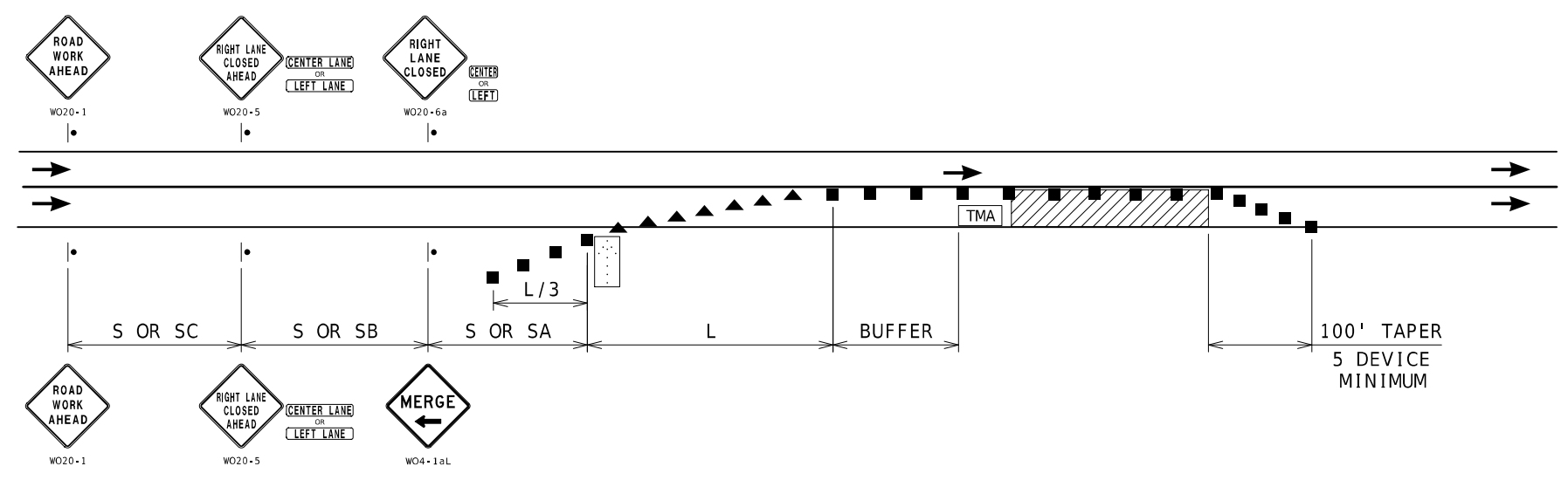
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VARIOUS

JOB NO.
JSE0112

CONTRACT ID.

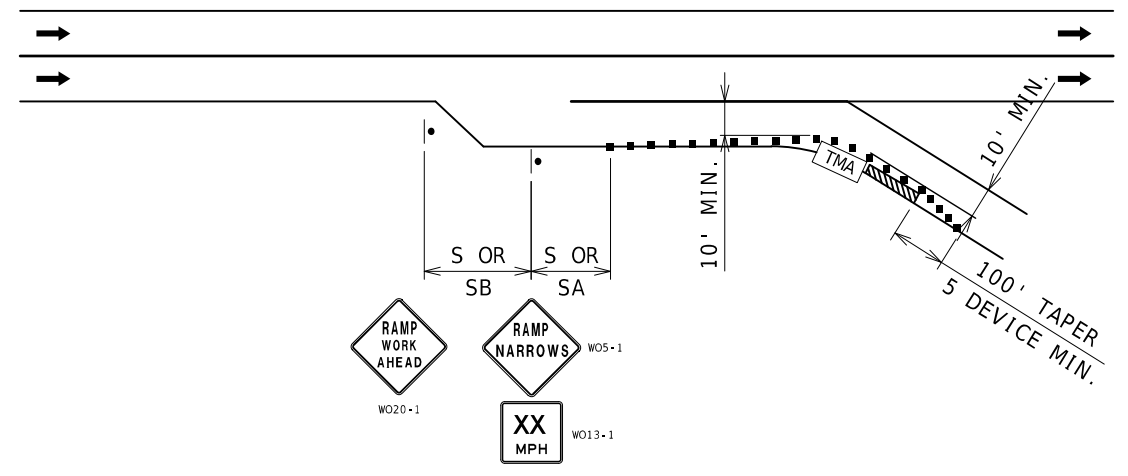
PROJECT NO.

BRIDGE NO.



SINGLE LANE CLOSURE

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



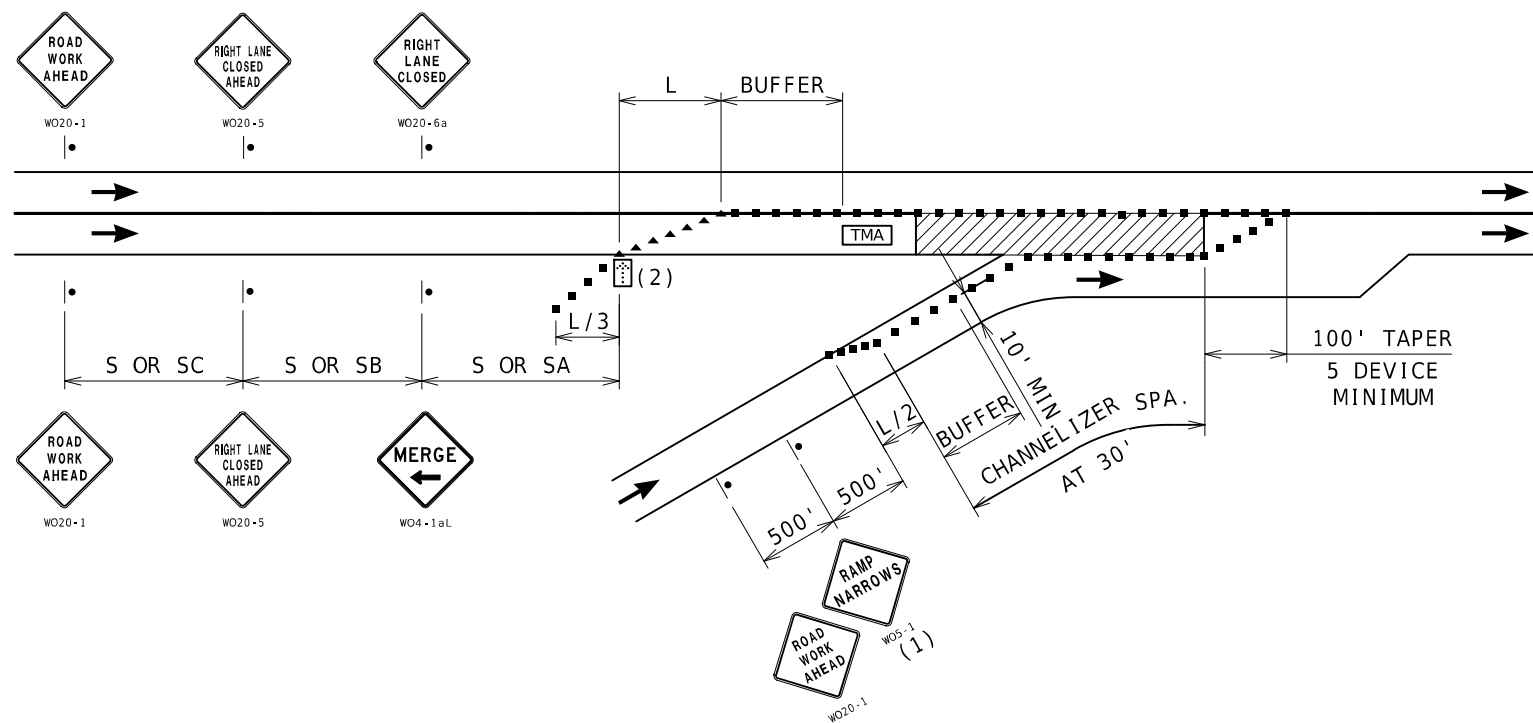
PARTIAL RAMP CLOSURE

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

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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



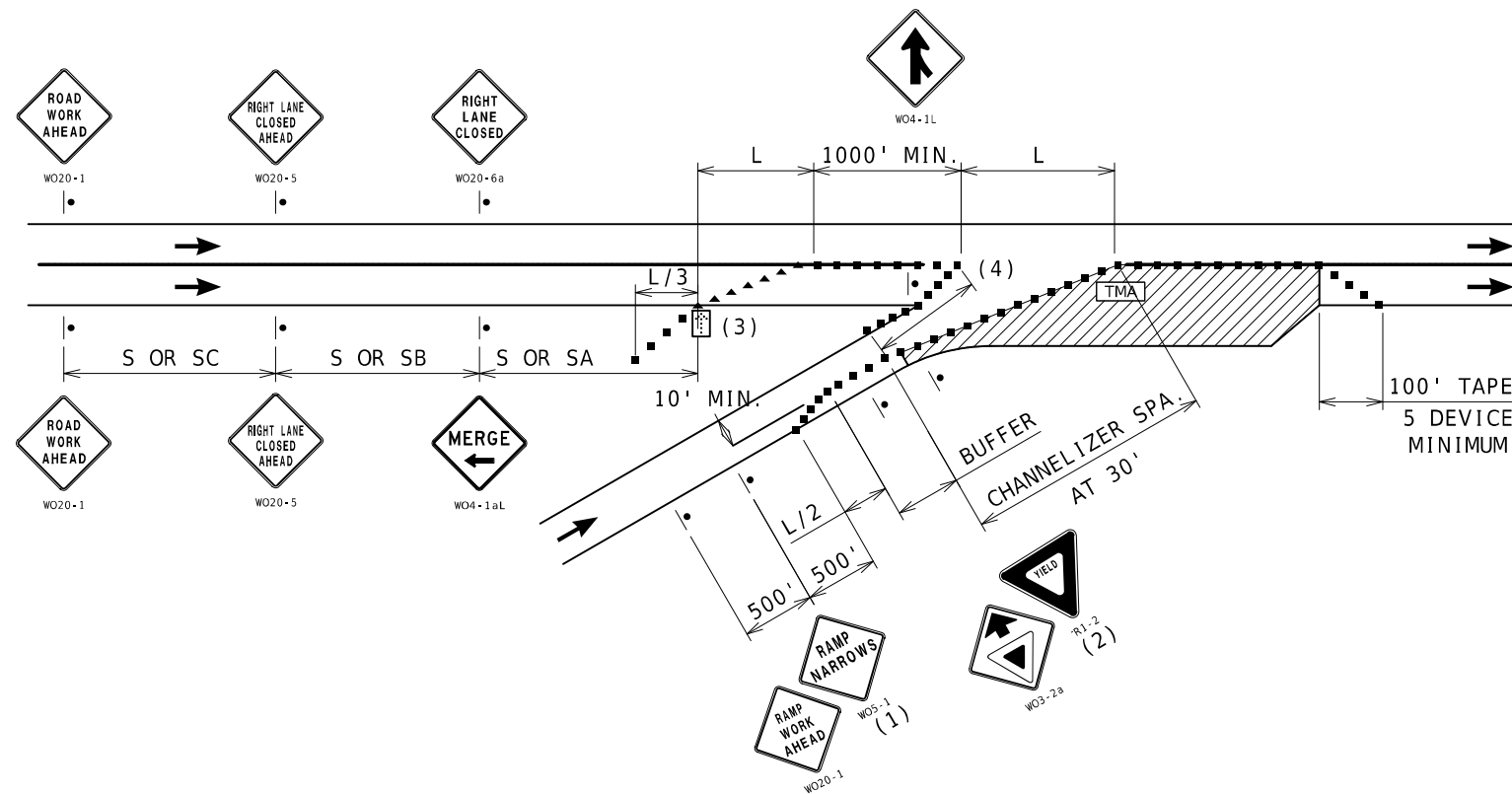
ENTRANCE RAMP AREA MAINLINE WORK

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 ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.



ENTRANCE RAMP AREA ACCELERATION LANE WORK

NOTES:

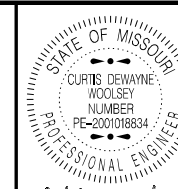
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(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 ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.

(4) CHANNELIZER SPACING AT 30'.



Curtis Dewayne Woolsey
01/15/2025 12:46:19 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED
1/15/2025

ROUTE STATE
55/57/155 MO

DISTRICT SHEET NO.
SE 7

COUNTY
VARIOUS

JOB NO.
JSE0112

CONTRACT ID.

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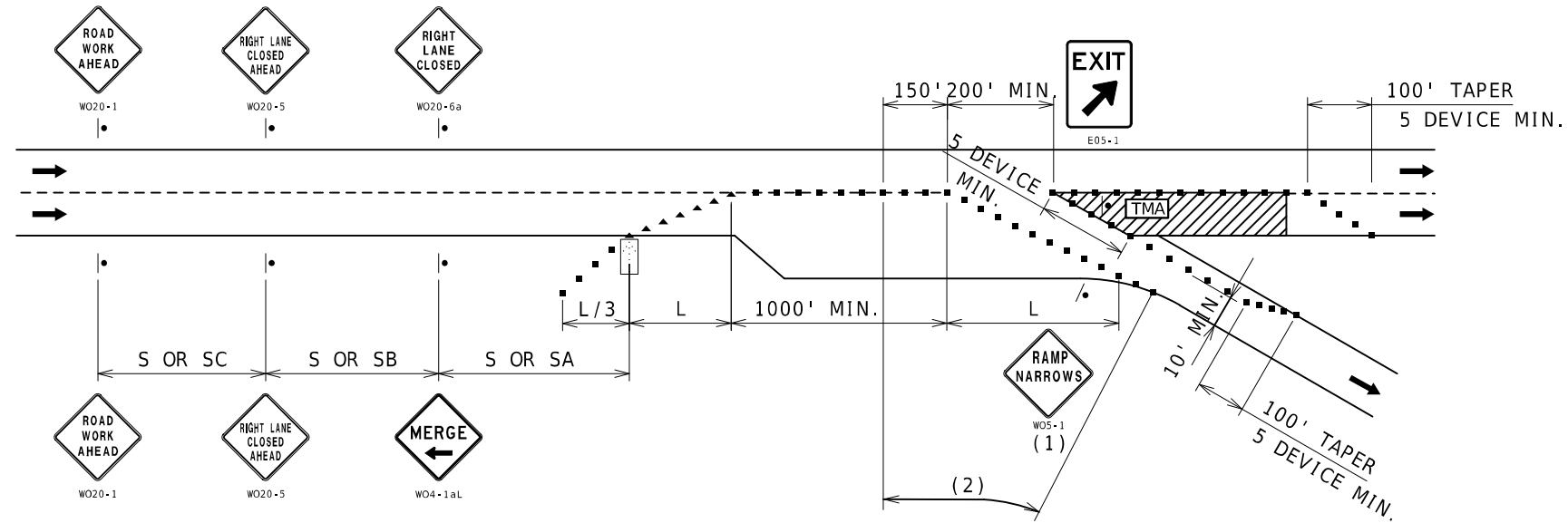
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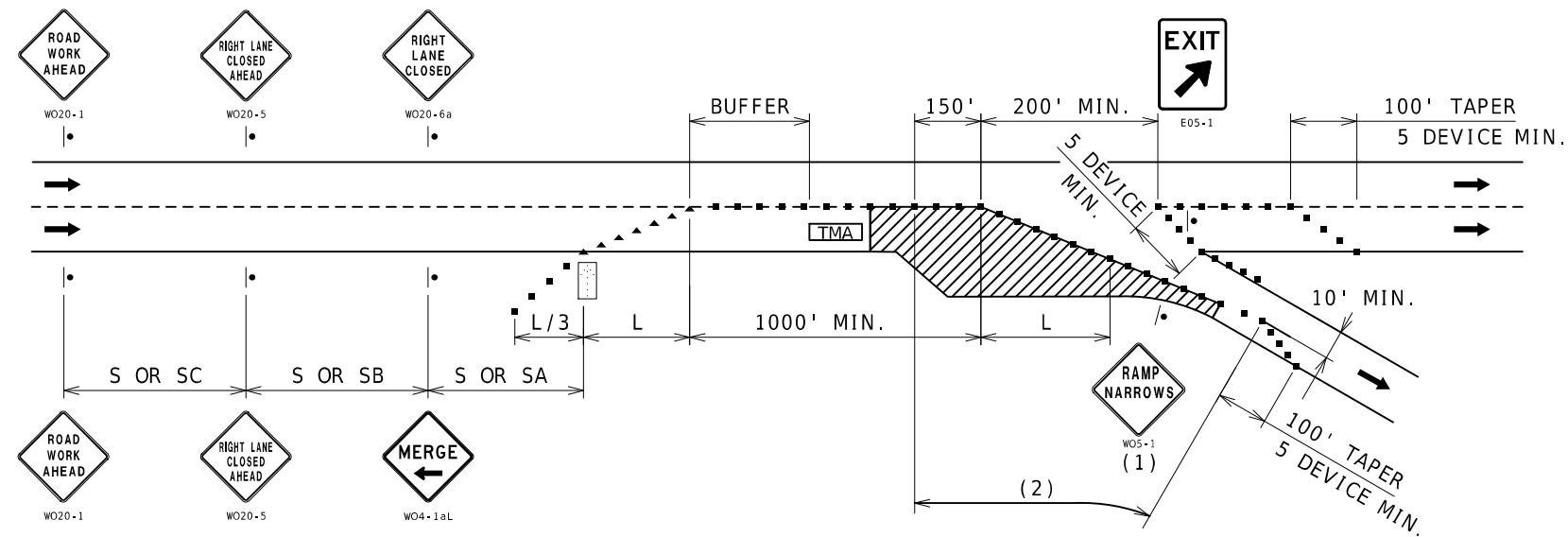
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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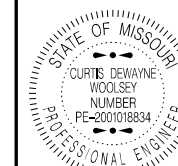
NOTES:
 SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
 (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.
 (2) CHANNELIZER SPACING AT 50'.

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



Curtis Dewayne Woolsey
 01/15/2025 12:46:58 PM
 CURTIS DEWAYNE WOOLSEY - CIVIL
 MO-PE-2001018834

DATE PREPARED
 1/15/2025

ROUTE STATE
 55/57/155 MO

DISTRICT SHEET NO.
 SE 8

COUNTY
 VARIOUS

JOB NO.
 JSE0112

CONTRACT ID.

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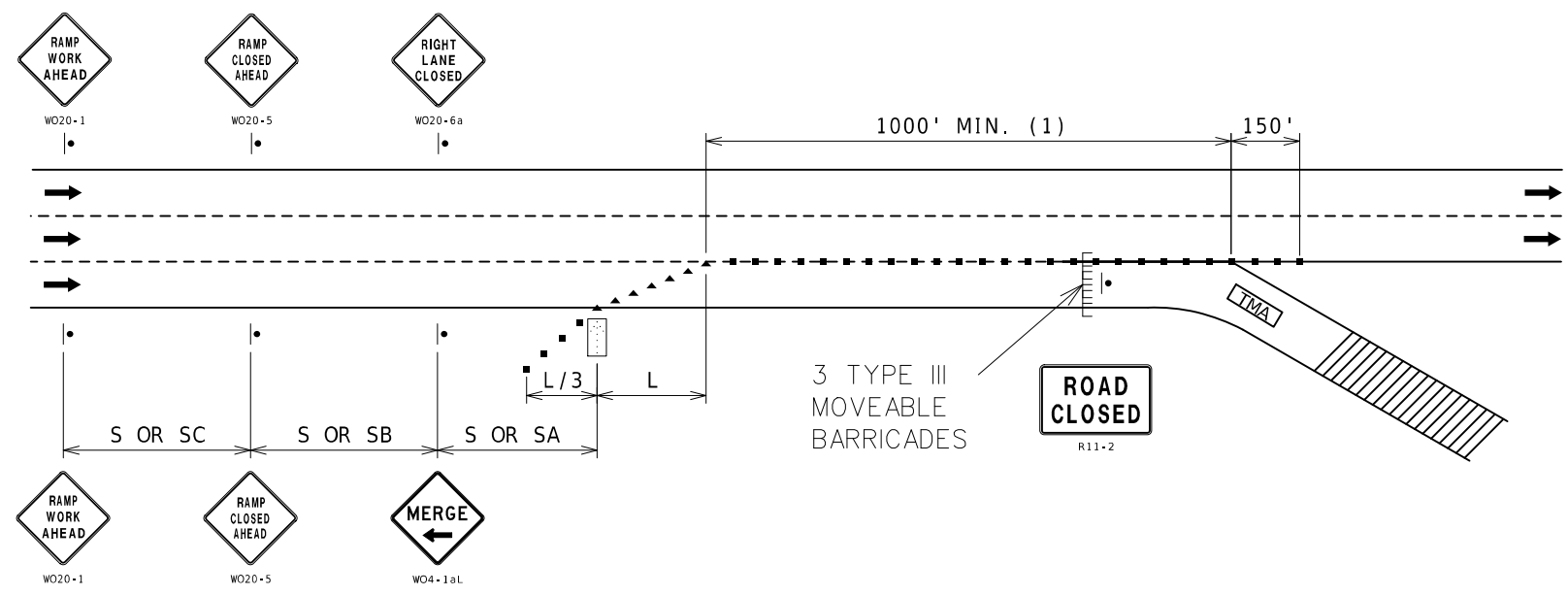
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DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION
 105 WEST CAPITOL
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 1-888-ASK-MODOT (1-888-273-6636)

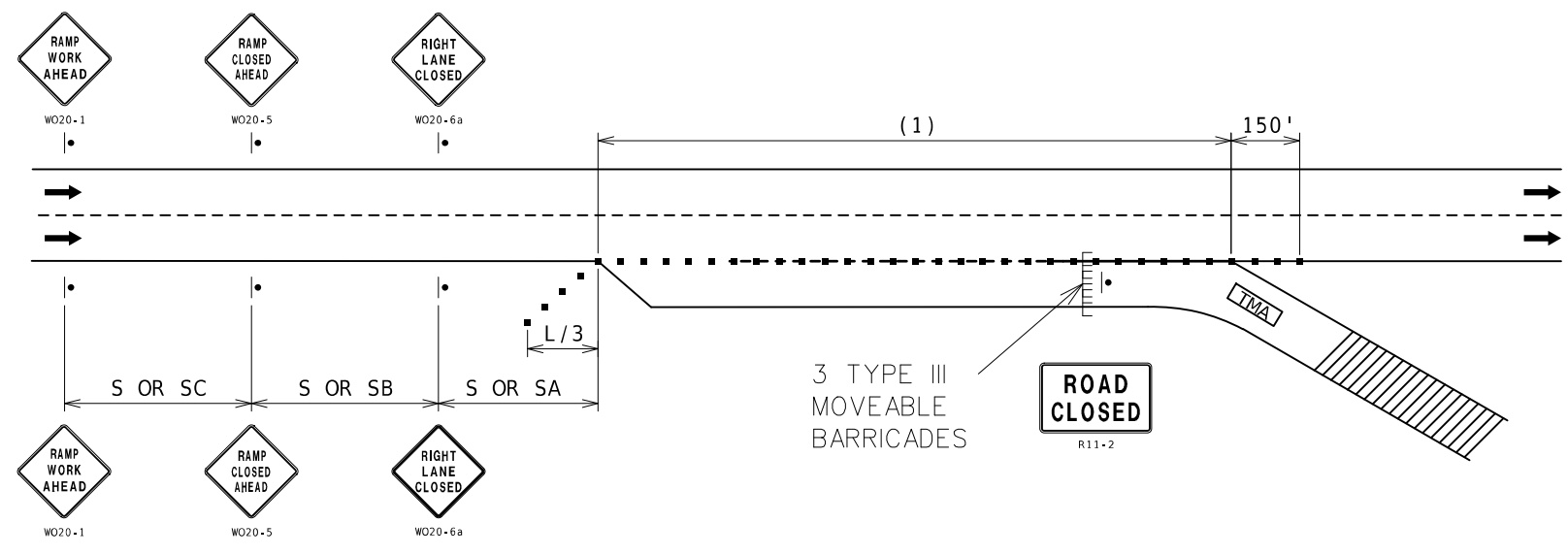


TRAFFIC CONTROL
 SHEET 7 OF 9



NOTES:
 SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
 (1) CHANNELIZER SPACING AT 50'.

RAMP CLOSURE



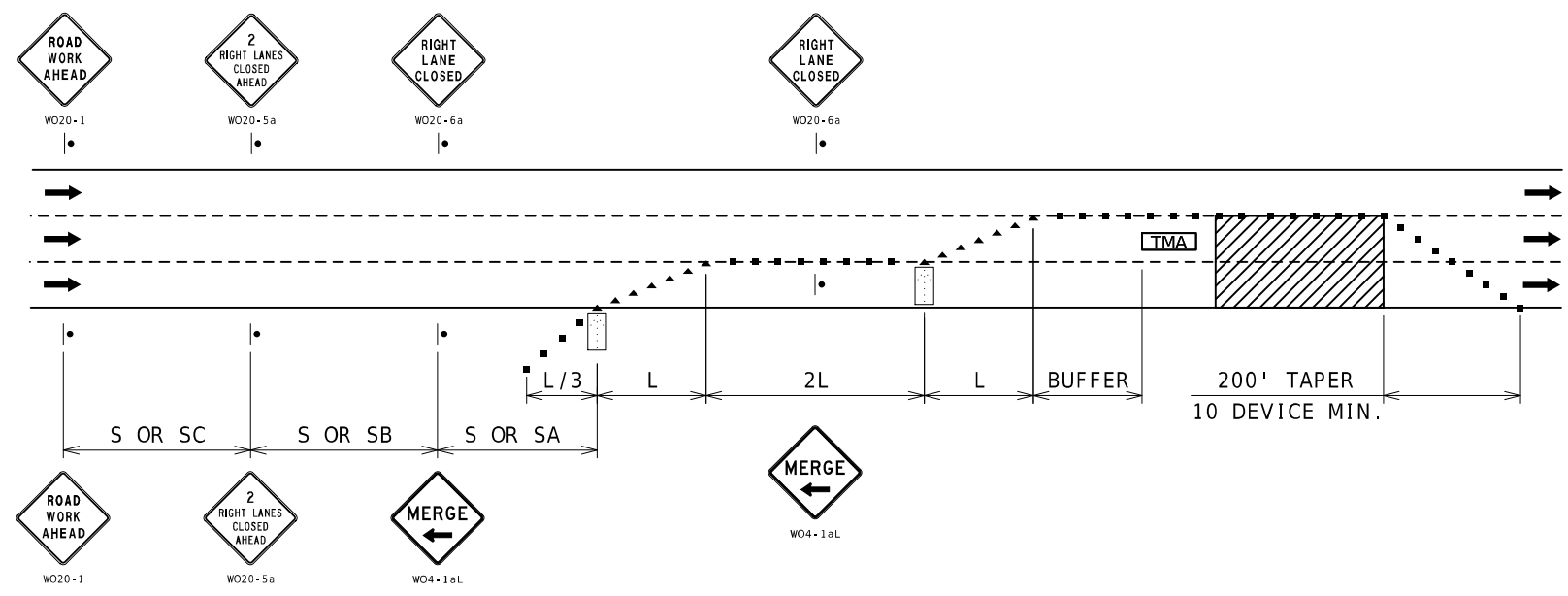
NOTES:
 SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
 (1) CHANNELIZER SPACING AT 50'.

RAMP CLOSURE

DATE PREPARED 1/15/2025	
ROUTE 55/57/155	STATE MO
DISTRICT SE	SHEET NO. 9
COUNTY VARIOUS	
JOB NO. JSE0112	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DATE	DESCRIPTION

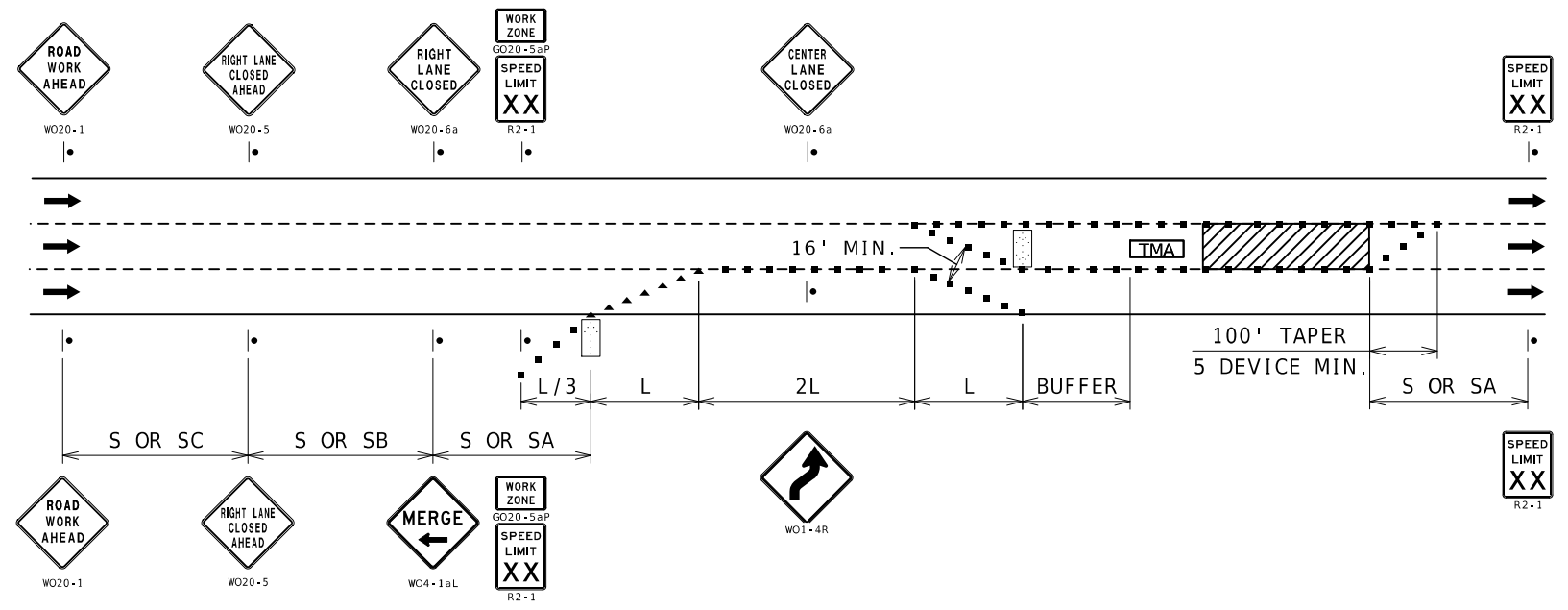
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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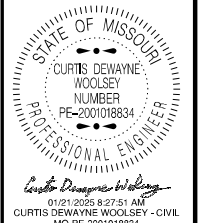
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

DOUBLE LANE CLOSURE



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

INTERIOR LANE CLOSURE



DATE PREPARED 1/21/2025	
ROUTE 55/57/155	STATE MO
DISTRICT SE	SHEET NO. 10
COUNTY VARIOUS	
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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TRAFFIC CONTROL
SHEET 9 OF 9