

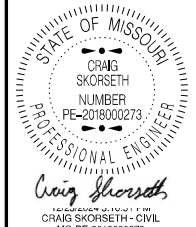
DESIGN DESIGNATION

VARIOUS ROUTES, TRAFFIC, SPEEDS, AND ROUTE DESIGNATIONS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
PLATTE, RAY, CLAY, JACKSON, & CASS COUNTIES

INDEX OF SHEETS

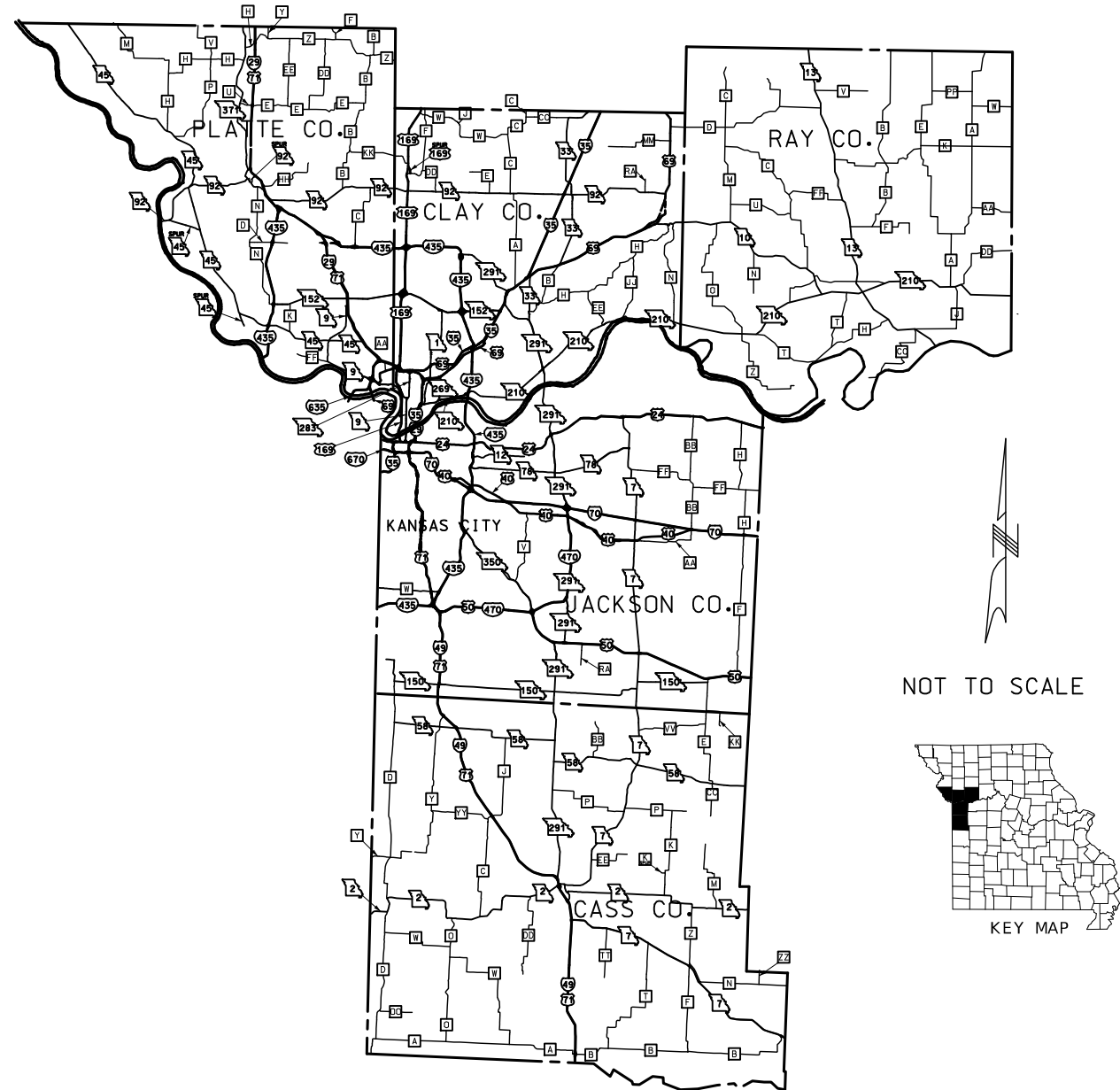
DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TRAFFIC CONTROL SHEETS (TC).....	2-10



DATE PREPARED 12/23/2024	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 01
COUNTY VAR	
JOB NO. JKU0318	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

NO NEW RIGHT OF WAY TO BE ACQUIRED WITH THIS PROJECT

PROJECT DESCRIPTION: JOB ORDER CONTRACT
ASPHALT PAVEMENT REPAIR ON VARIOUS MAJOR AND INTERSTATE URBAN ROUTES



NOT TO SCALE

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES	[Dashed rectangle]	[Solid rectangle]
GUARD RAIL	[Dashed line]	[Solid line]
CONCRETE RIGHT-OF-WAY MARKER	[Dashed line]	[Solid line]
STEEL RIGHT-OF-WAY MARKER	[Dashed line]	[Solid line]
LOCATION SURVEY MARKER	[Dashed circle]	[Solid circle]
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD TELEPHONE	-O-	-O-
UNDERGROUND TELEPHONE	-T-	-T-
OVERHEAD POWER	-P-	-P-
UNDERGROUND POWER	-P-	-P-
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		
CHAIN LINK	[Symbol]	[Symbol]
WOVEN WIRE	[Symbol]	[Symbol]
GATE POST	[Symbol]	[Symbol]
BENCHMARK	[Symbol]	[Symbol]

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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	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

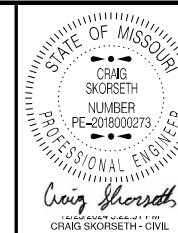
TRAFFIC CONTROL DEVICES

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
- TMA TRUCK MOUNTED ATTENUATOR W/ FLASHING ARROW



DATE PREPARED
12/23/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
KC 2

COUNTY
VARIOUS

JOB NO.
JKU0318

CONTRACT ID.

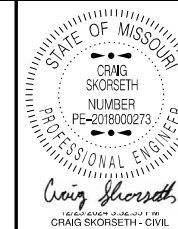
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



DATE PREPARED
12/23/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
KC 3

COUNTY
VARIOUS

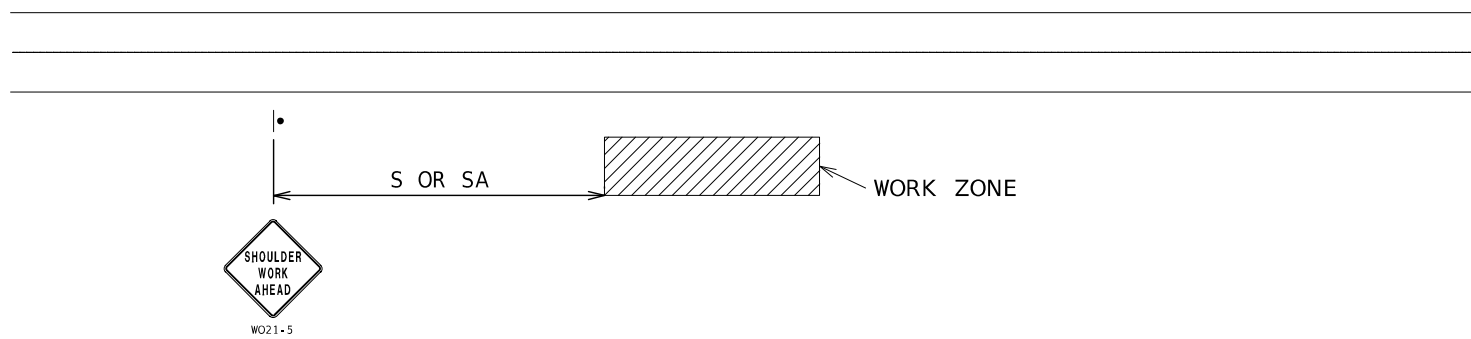
JOB NO.
JKU0318

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

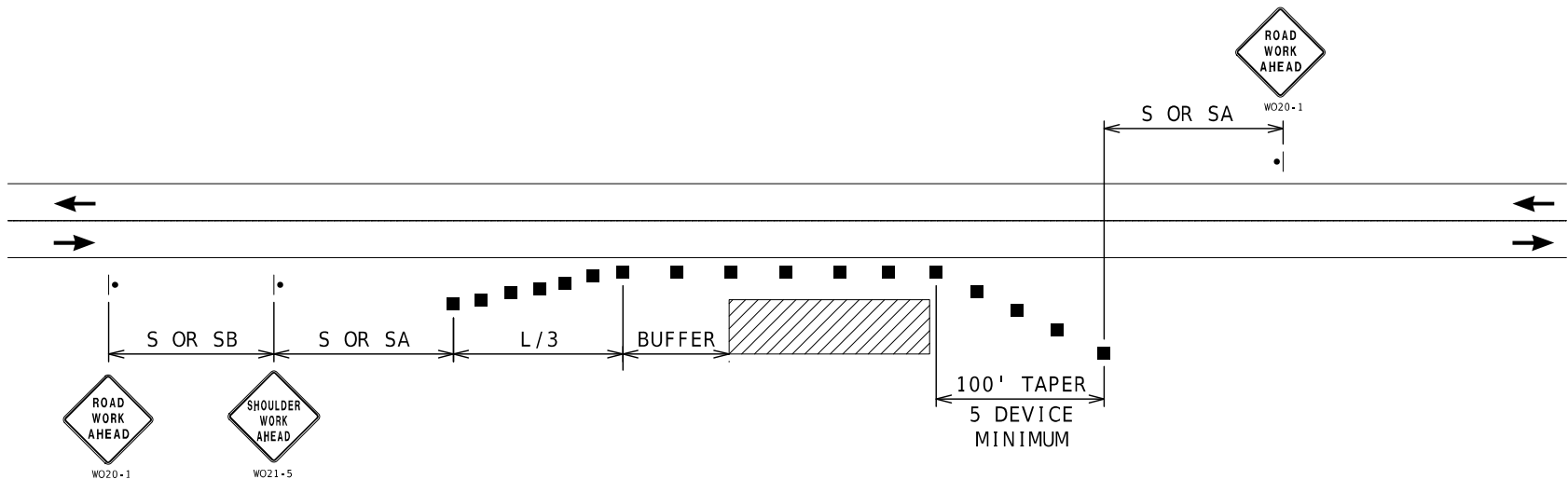
DATE	DESCRIPTION



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.

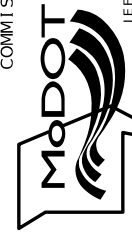


SHOULDER WORK - UNDIVIDED ROADWAYS

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

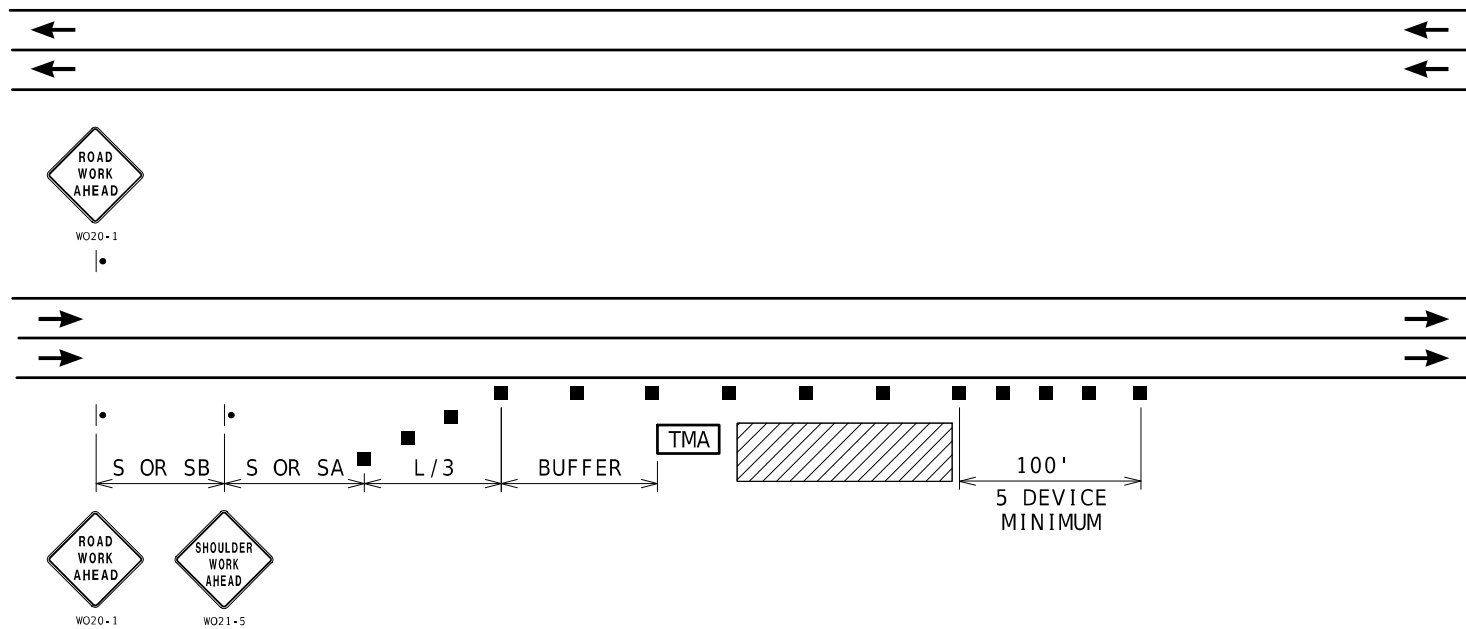
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

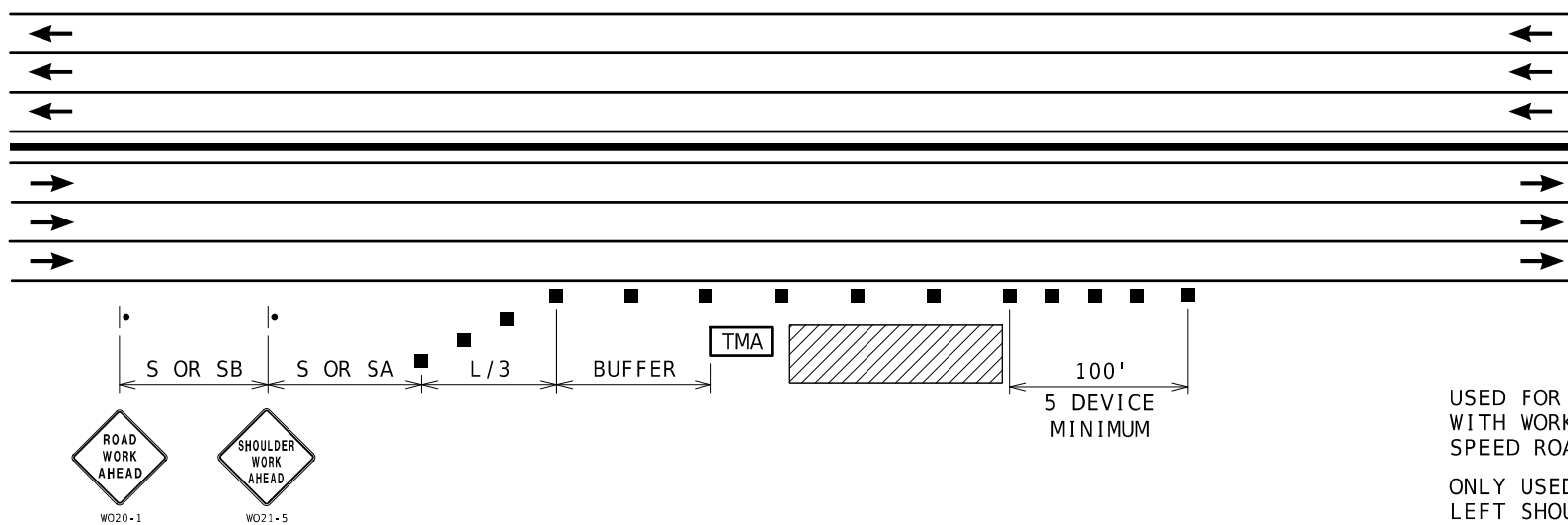
TRAFFIC CONTROL
SHEET 2 OF 9



RIGHT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

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

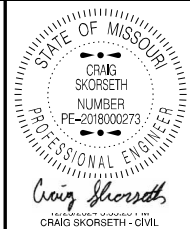
USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.



RIGHT SHOULDER WORK MULTI-LANE FREEWAYS WITH MEDIAN BARRIER


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

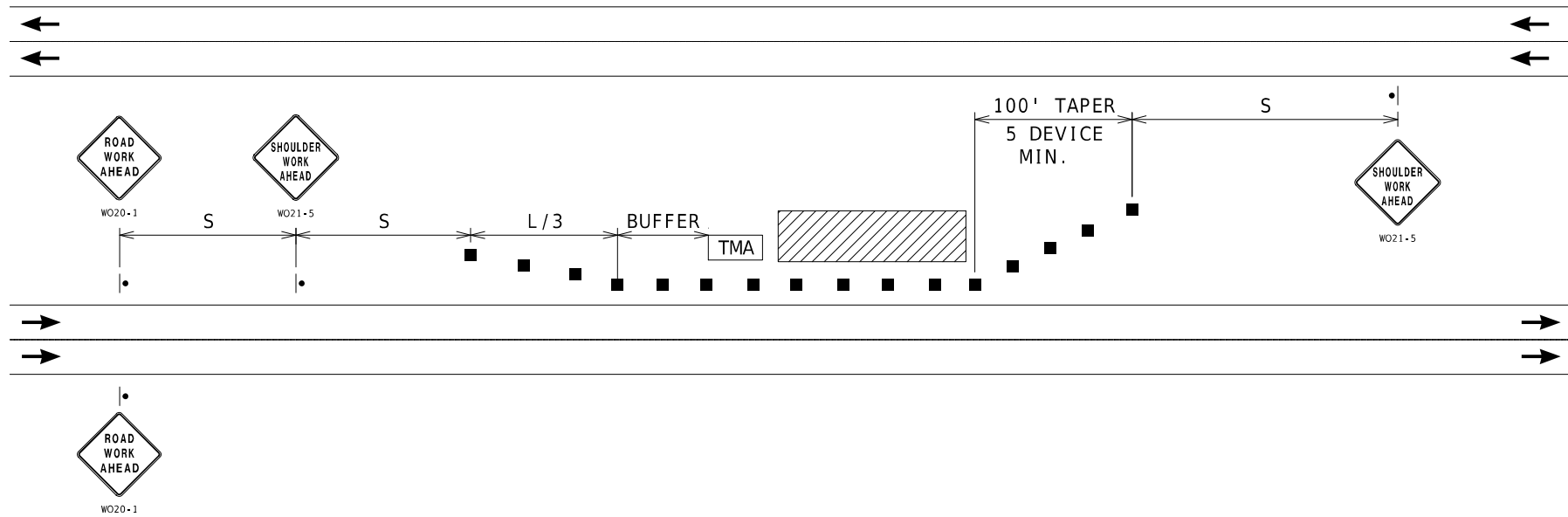
USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.
ONLY USED FOR SIX OR MORE LANE FREEWAYS WITH NARROW LEFT SHOULDER ADJACENT TO CONCRETE MEDIAN BARRIER



DATE PREPARED
12/23/2024
ROUTE STATE
VAR MO
DISTRICT SHEET NO.
KC 4
COUNTY
VARIOUS
JOB NO.
JKU0318
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

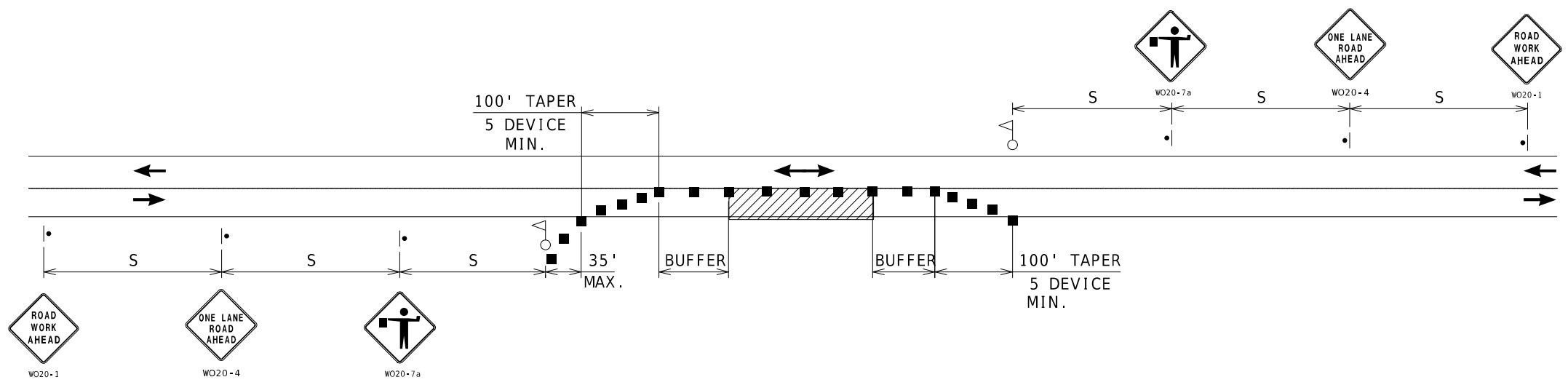
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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.

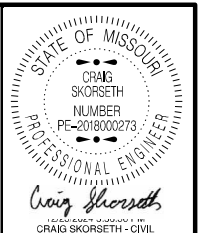
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



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.



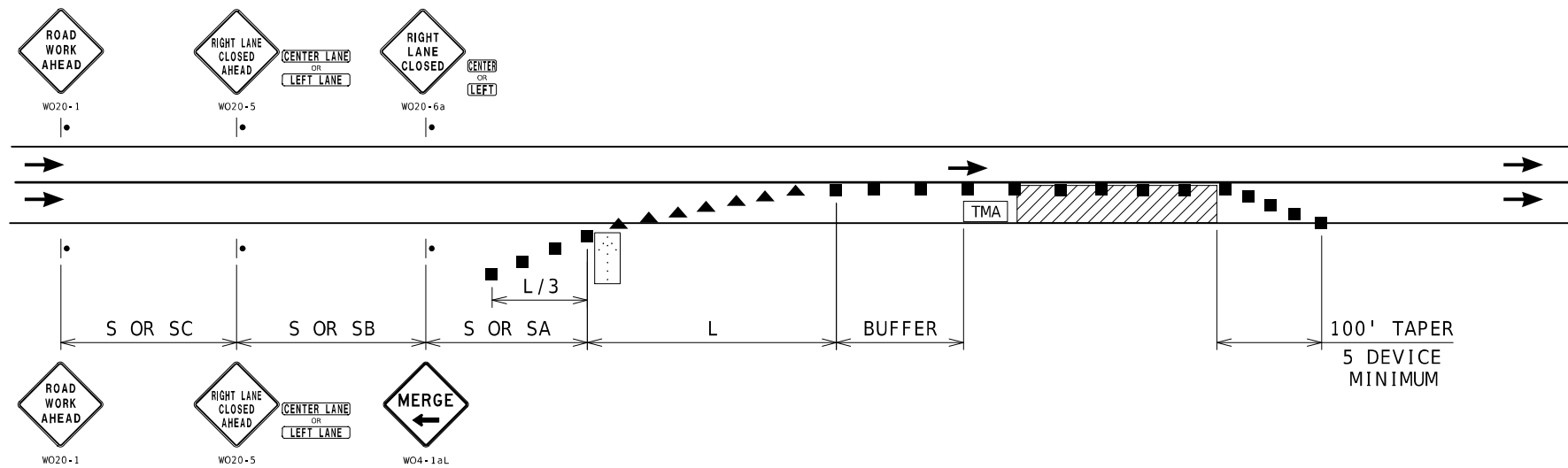
DATE PREPARED
12/23/2024

ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY VARIOUS	
JOB NO. JKU0318	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

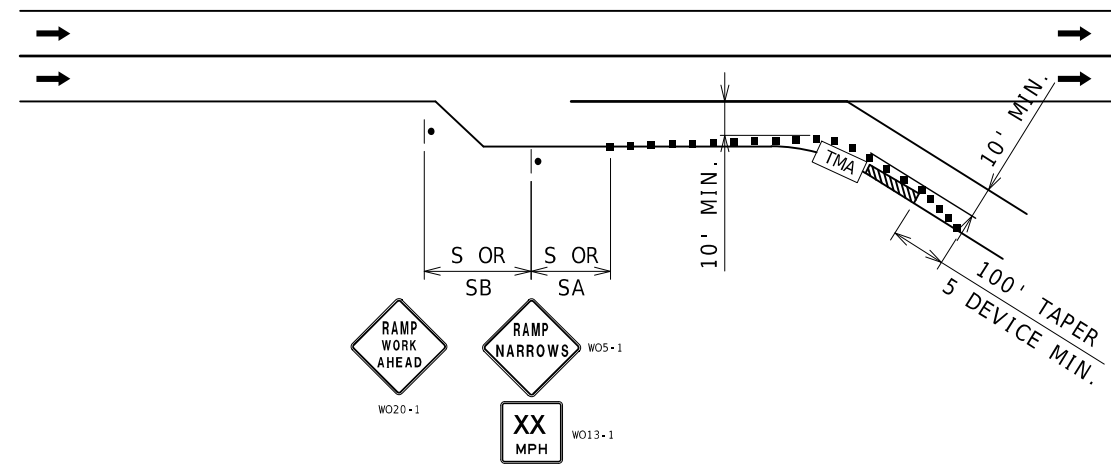
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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.

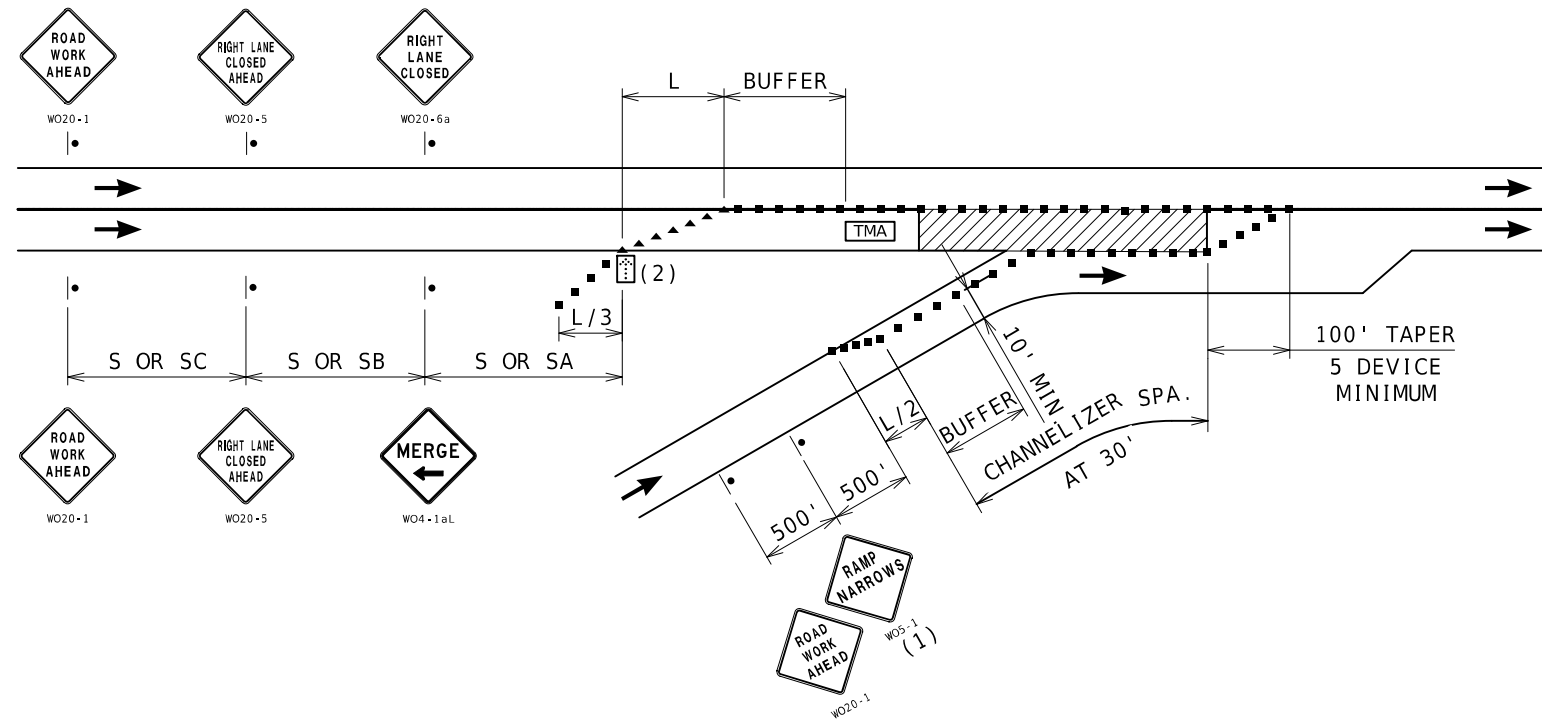


DATE PREPARED	
12/23/2024	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	6
COUNTY	
VARIOUS	
JOB NO.	
JKU0318	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

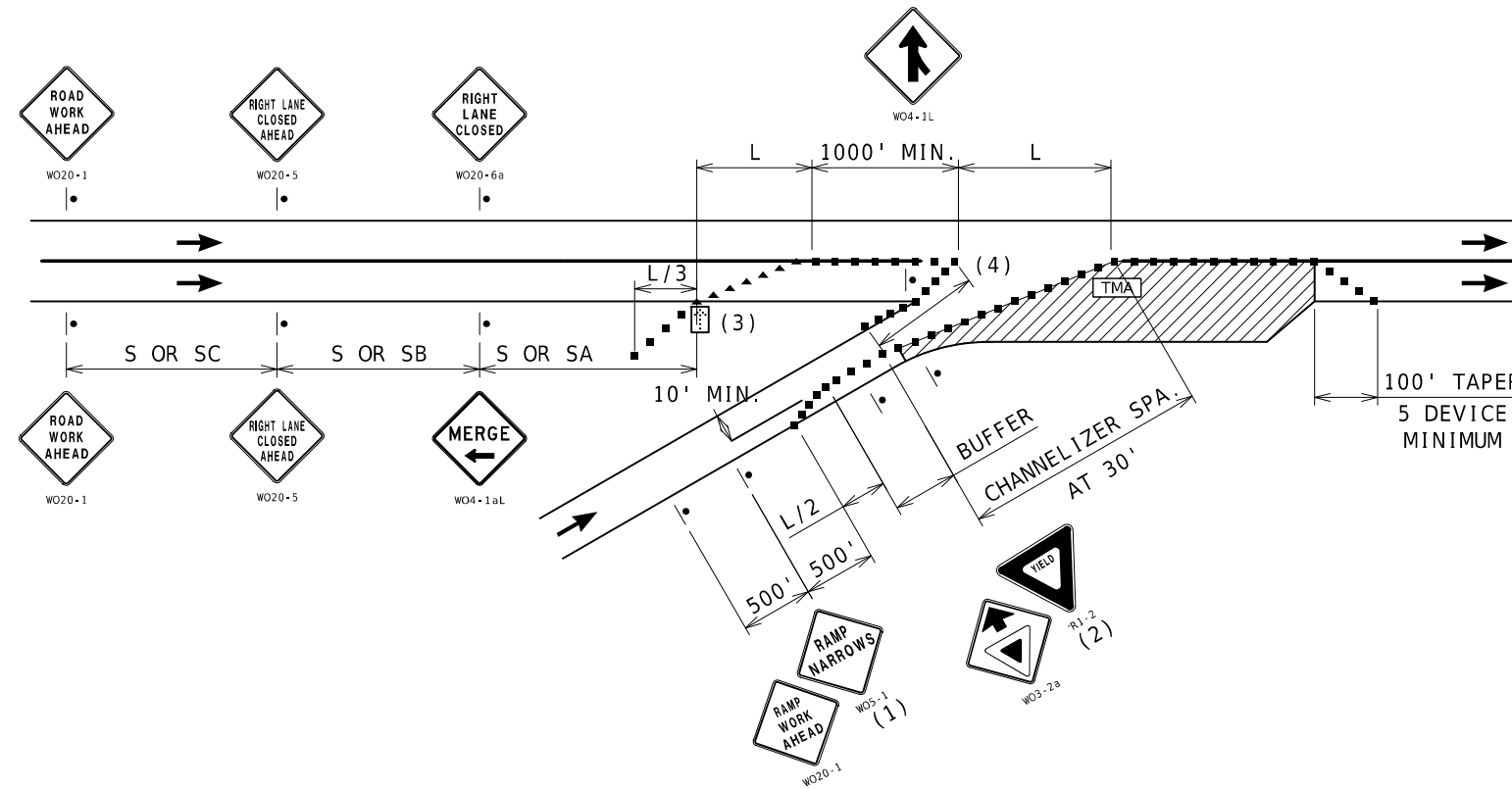
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-273-6636)

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



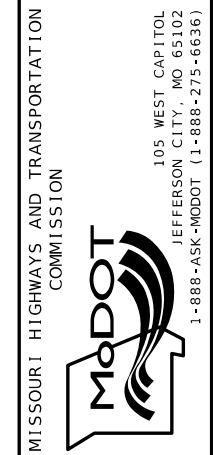
ENTRANCE RAMP AREA ACCELERATION LANE WORK

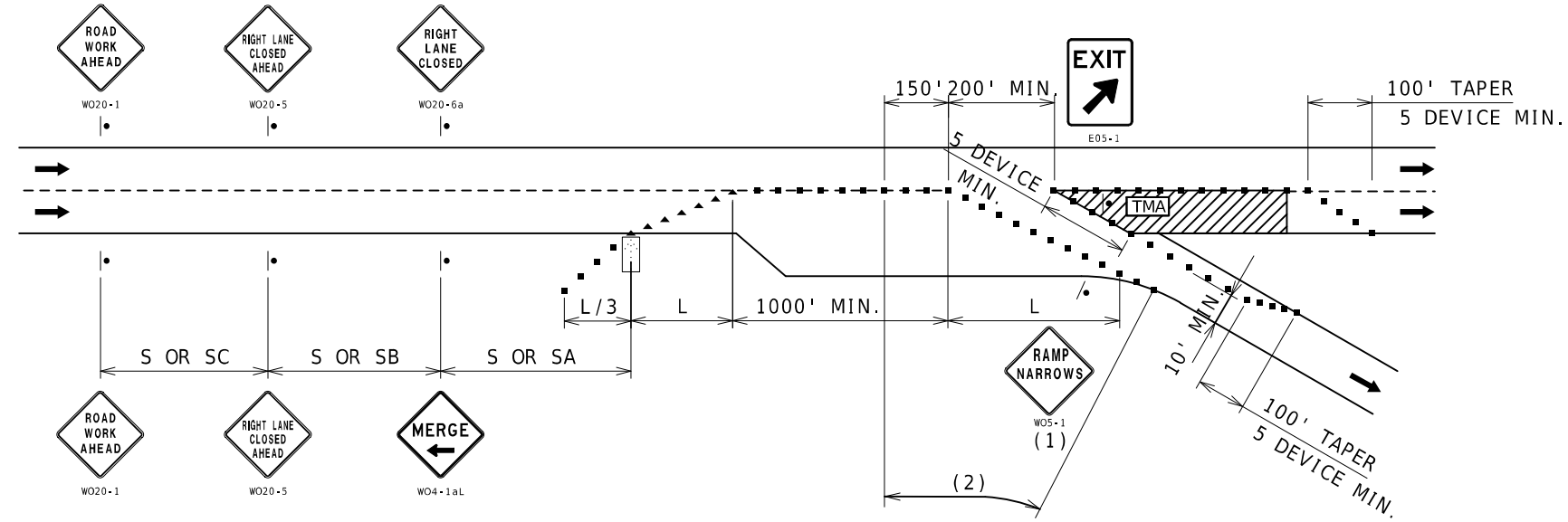
- NOTES:
- SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
 - (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.
 - (2) SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.
 - (3) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.
 - (4) CHANNELIZER SPACING AT 30'.



DATE PREPARED 12/23/2024	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 7
COUNTY VARIOUS	
JOB NO. JKU0318	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

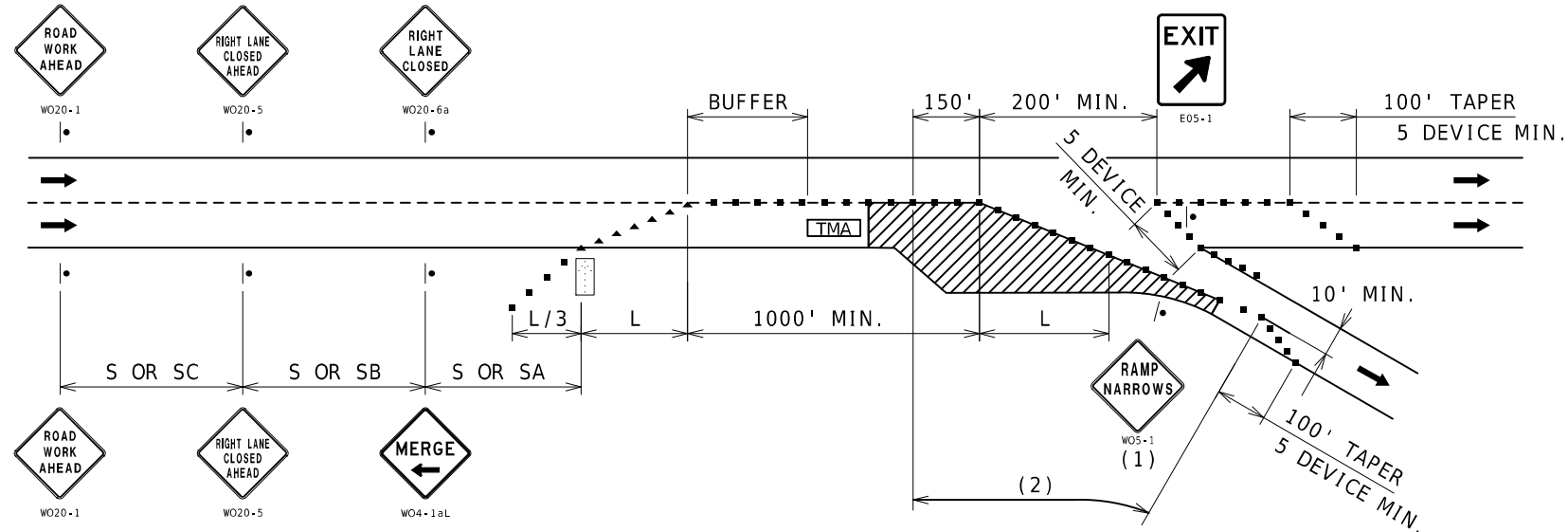
DATE	DESCRIPTION





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

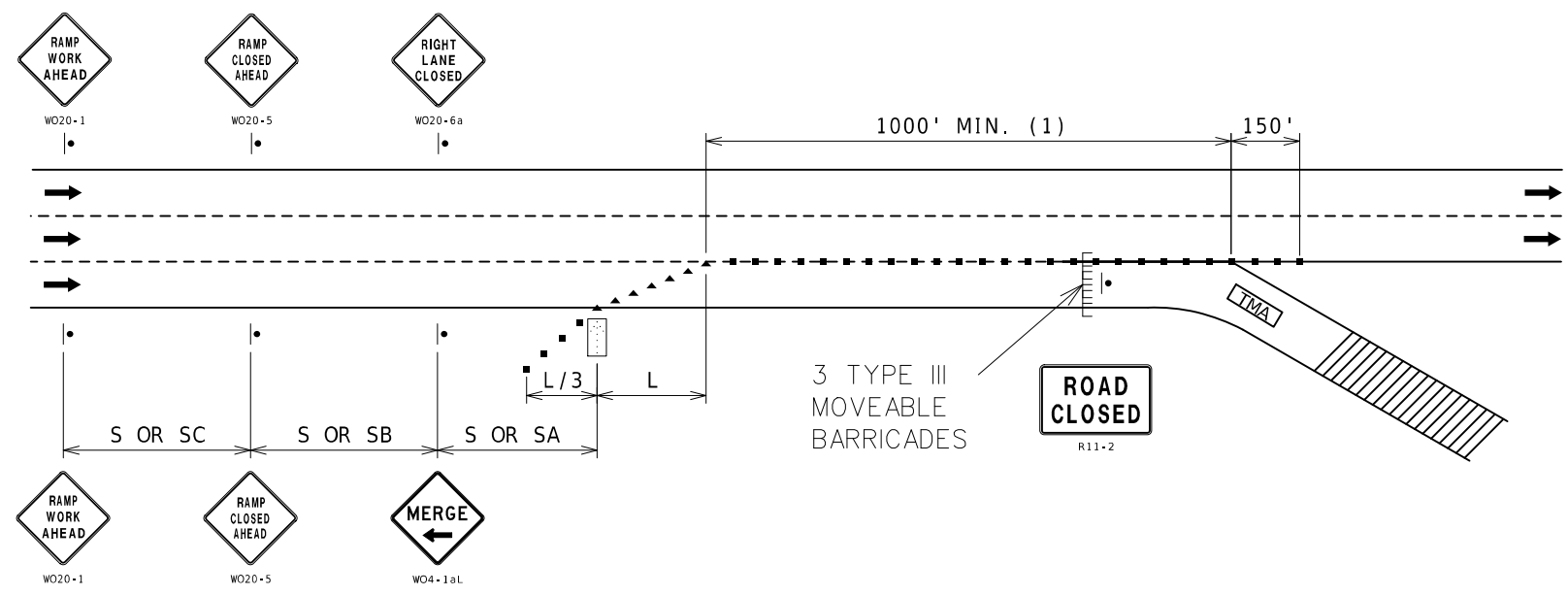


DATE PREPARED
 12/23/2024
 ROUTE VAR STATE MO
 DISTRICT KC SHEET NO. 8
 COUNTY VARIOUS
 JOB NO. JKU0318
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

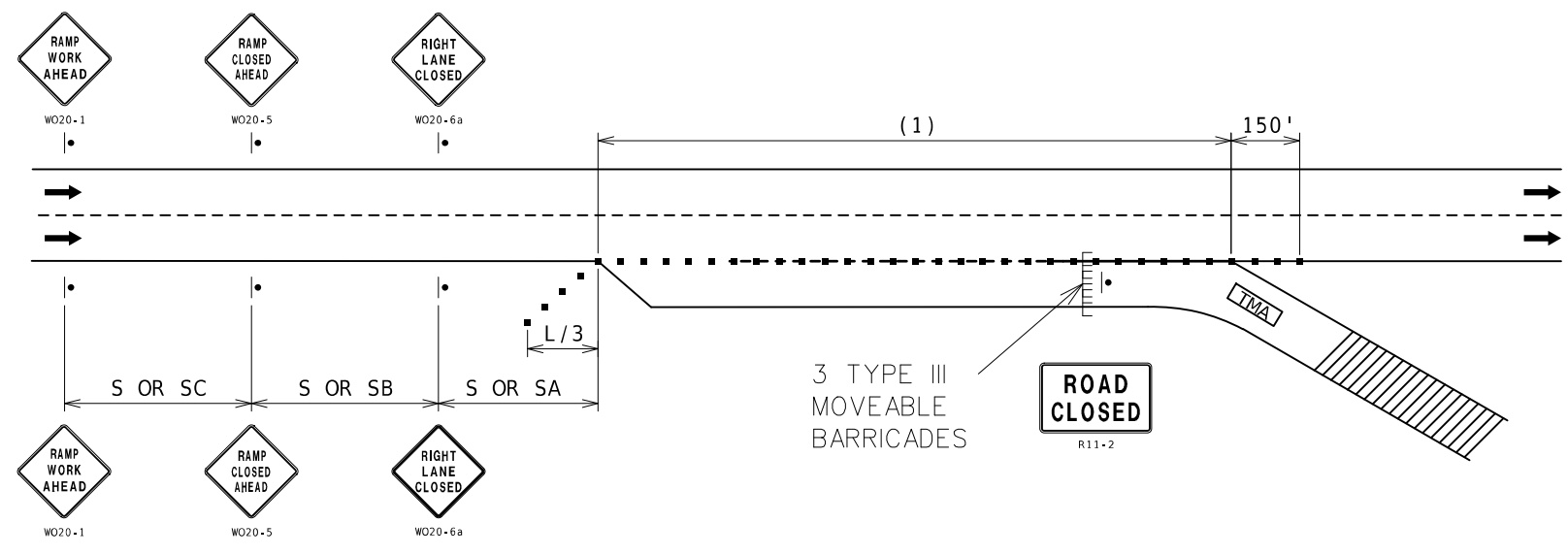
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 MoDOT
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
 SHEET 7 OF 9



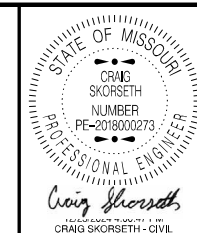
NOTES:
 SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
 (1) CHANNELIZER SPACING AT 50'.

RAMP CLOSURE



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

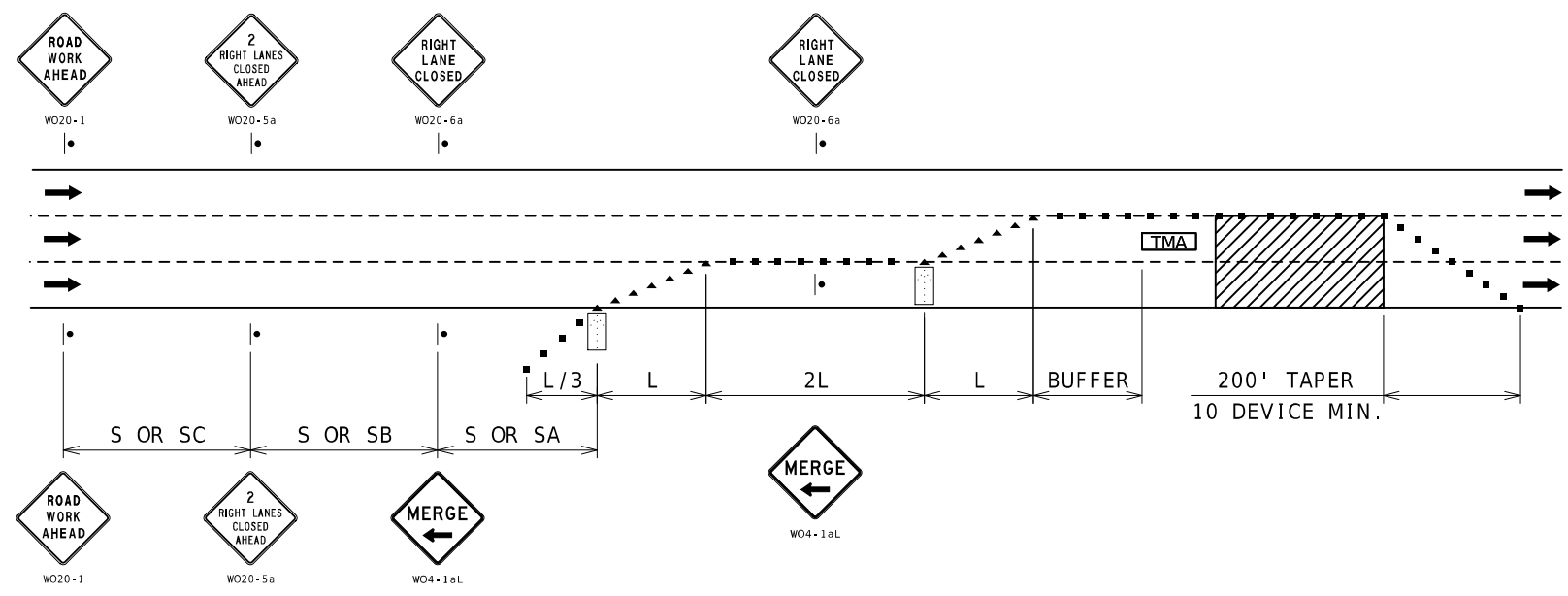
RAMP CLOSURE



DATE PREPARED
 12/23/2024
 ROUTE VAR STATE MO
 DISTRICT KC SHEET NO. 9
 COUNTY VARIOUS
 JOB NO. JKU0318
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

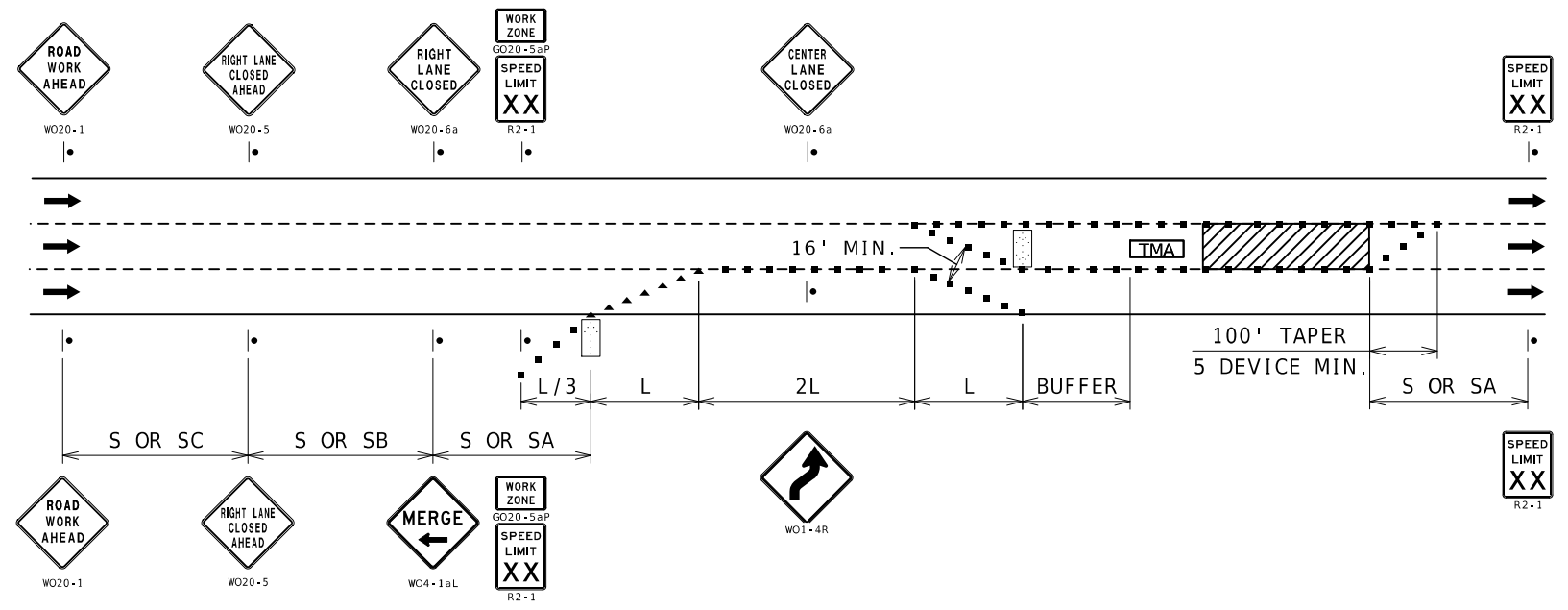
DATE	DESCRIPTION

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



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

DOUBLE LANE CLOSURE



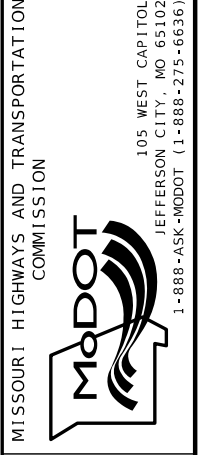
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

INTERIOR LANE CLOSURE



DATE PREPARED
12/23/2024
ROUTE STATE
VAR MO
DISTRICT SHEET NO.
KC 10
COUNTY
VARIOUS
JOB NO.
JKU0318
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION



TRAFFIC CONTROL
SHEET 9 OF 9