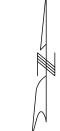
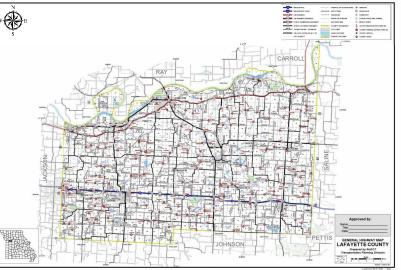
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED

STATE HIGHWAY

JOHNSON, LAFAYETTE,
PETTIS, & SALINE COUNTIES







DENNAL NOOMY MAY JOHNS OLD COLUMN ODENNAL NOOMY MAY JOHNS OLD COLUMN JOHNS OLD C



JOB ORDER CONTRACTING
BRIDGE REPAIR ON VARIOUS RURAL ROUTES

INDEX OF SHEETS

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





CONVENTIONAL SYMBOLS

NO R/W TO BE ACQUIRED

FOR THIS PROJECT

	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER UTILITIES	00000 	·····
FIBER OPTICS OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER GAS WATER	- FO	—FO— — — — — — — — — — — — — — — — — — — —
MANHOLE	HYD	1
FIRE HYDRANT	w a	
WATER VALVE	 wn	
WATER METER	····	
DROP INLET	· □	
DITCH BLOCK	=	÷
GROUND MOUNTED SIGN	SIGN	-
LIGHT POLE]
H-FRAME POWER POLE	H	
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE	V	
GATE POST	$\stackrel{-}{\boxtimes}$	
BENCHMARK	BM	,

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

Sign Spacing, Device Spacing and Channelizing Taper Lengths

	TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)		MAXIMUM CHANNELIZER SPACING (FT)			
MPH	FOR LA	WE MIDI	HS (W)	THROUGH	THROUGH	
	10 FT	11 FT	12 FT	TAPER	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	

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

SIGN SPACING	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

 $L = \frac{WS}{60}^2 FOR 35 MPH OR LESS$

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.

- (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

TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- 1. 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.
- 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)

T FLAGGER

- ▲ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER

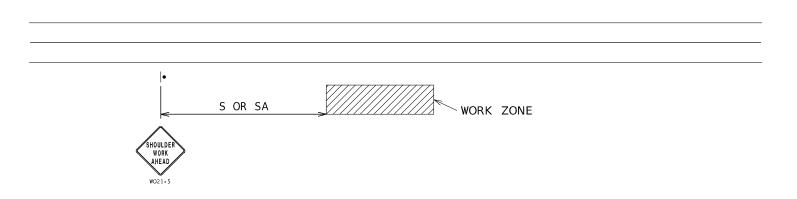
E BARRICADE

CHANGEABLE MESSAGE BOARD

TRUCK MOUNTED ATTENUATOR
W/ FLASHING ARROW



FRAFFIC CONTROL SHEET 1 OF 9

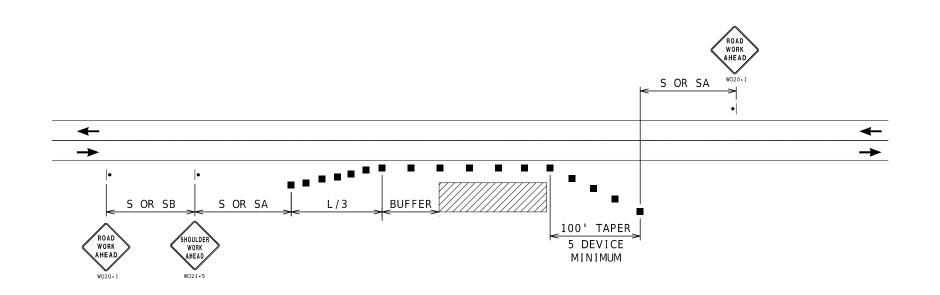


WORK BEYOND SHOULDER - UNDIVIDED OR DIVIDED ROADWAYS

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 D
COMMISSION

105 WEST CAPITOL
1-888-ASK-MODOT (1-888-275-6636)

CHRISTOPHER ALAN WEST NUMBER PE-2014017034

12/23/2024

JOB NO.
JKR0412
CONTRACT ID.

PROJECT NO

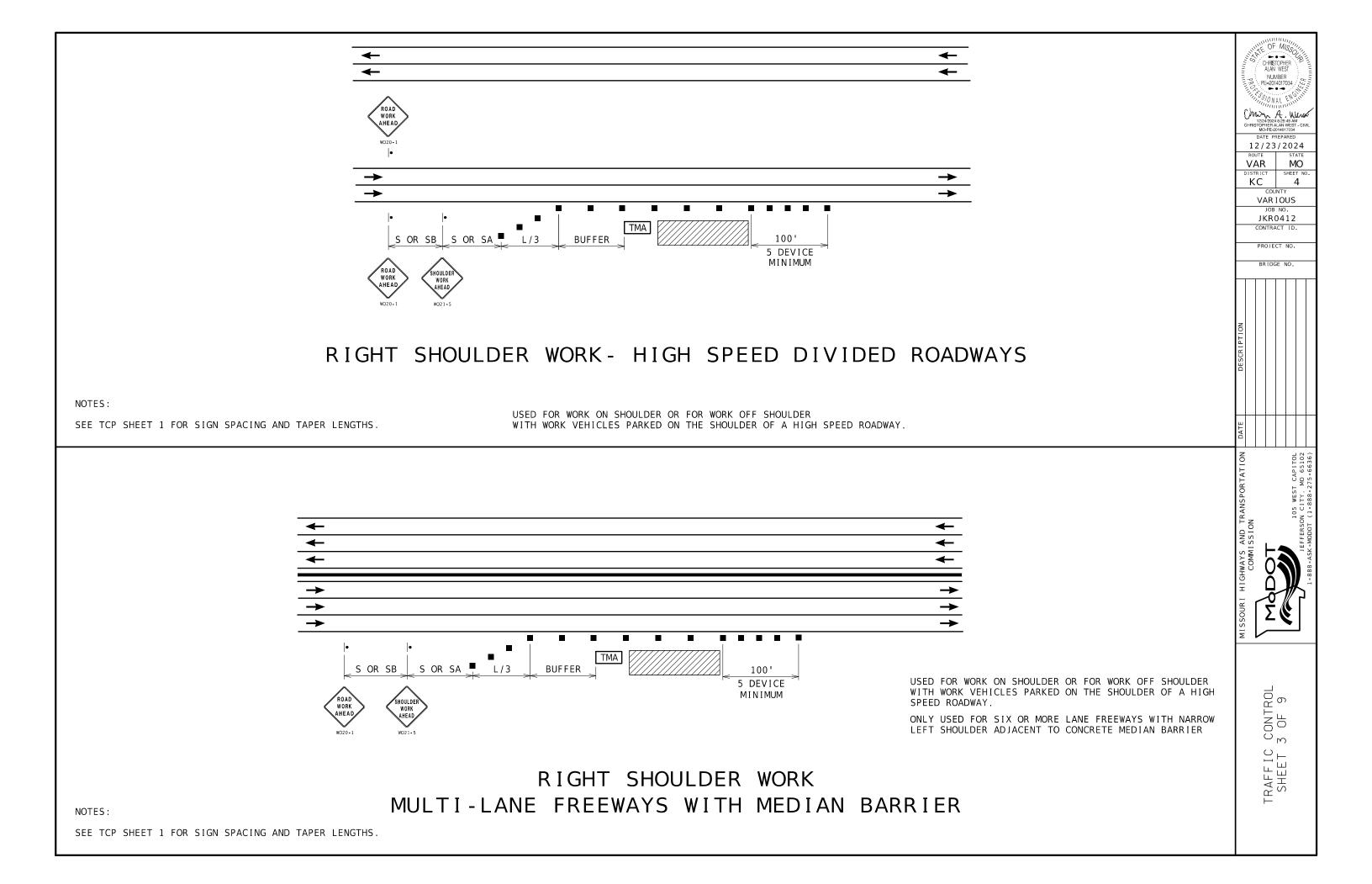
MO

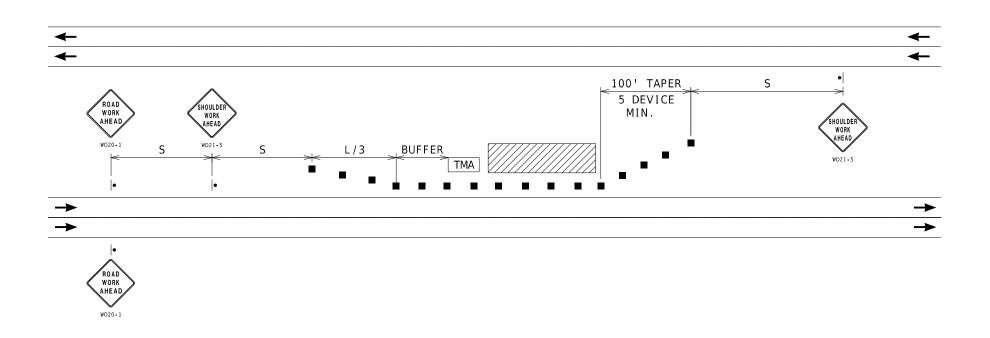
3

VAR

KC

TRAFFIC CONTROL SHEET 2 OF 9

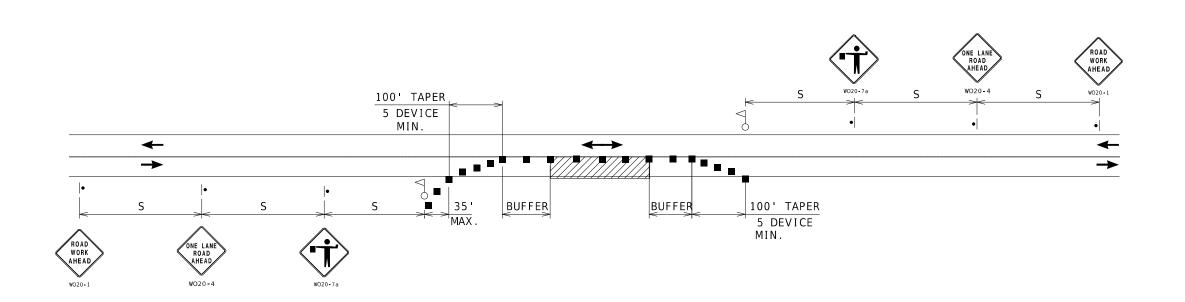




LEFT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

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

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:

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



12/23/2024

JOB NO.
JKR0412
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

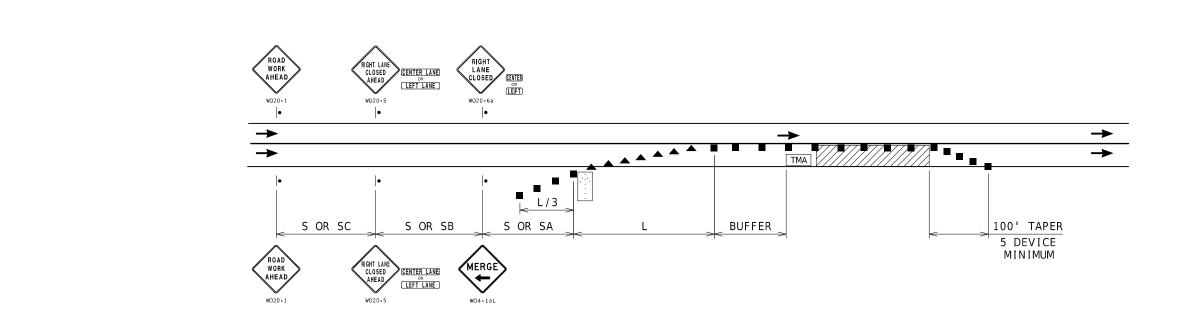
MO

5

VAR

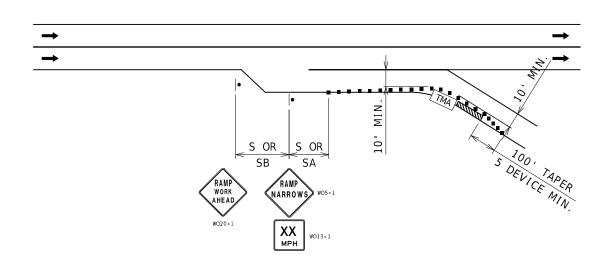
KC

TRAFFIC CONTROL SHEET 4 OF 9



SINGLE LANE CLOSURE

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



PARTIAL RAMP CLOSURE

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



12/23/2024

VARIOUS

JOB NO.

JKR0412

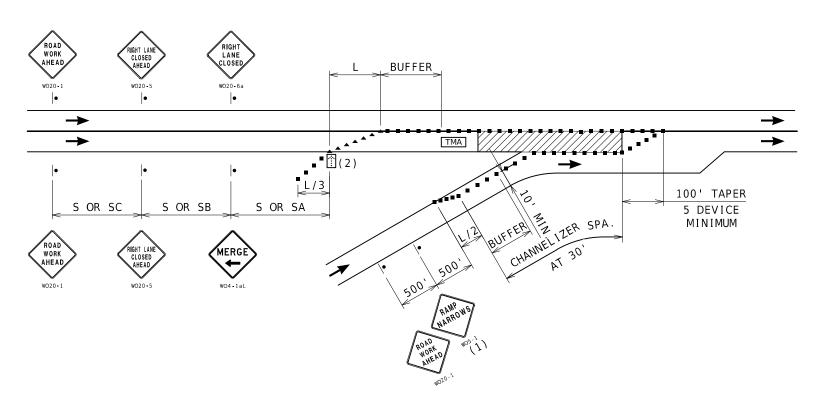
CONTRACT ID.

MO

VAR

KC

TRAFFIC CONTROL SHEET 5 OF 9



12/23/2024

VARIOUS

JKR0412

CONTRACT ID.

CONTROL 6 OF 9

SHEET O

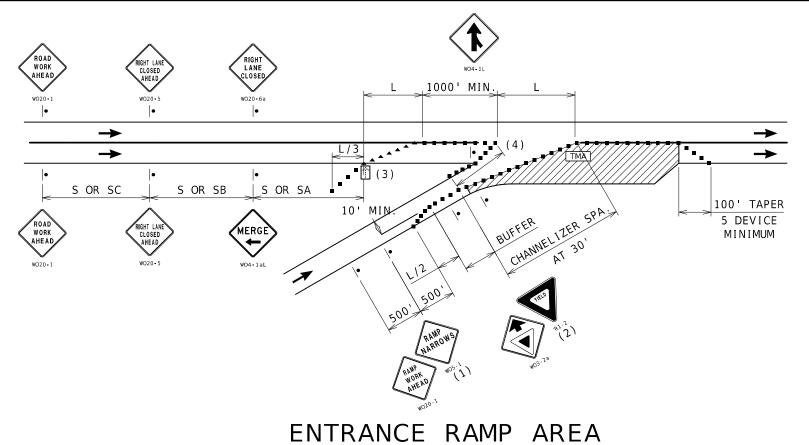
MO

7

VAR

KC

ENTRANCE RAMP AREA MAINLINE WORK



ACCELERATION LANE WORK

NOTES:

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

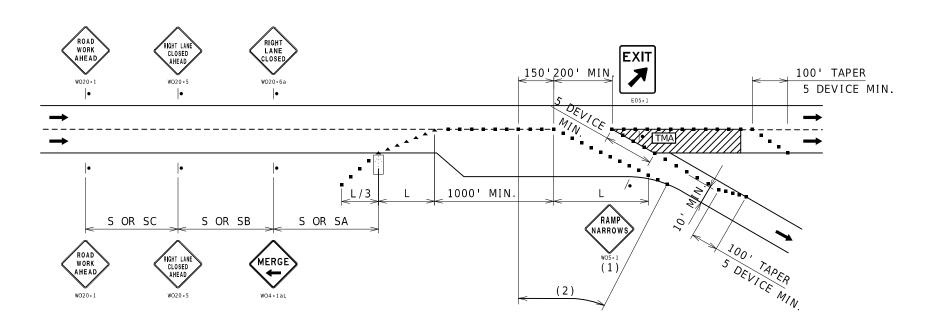
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

IS NOT CONFUSING TO MOTORIST ON THE RAMP.

(2) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUCSTED SO THAT THE ARROW PANEL LOCATION

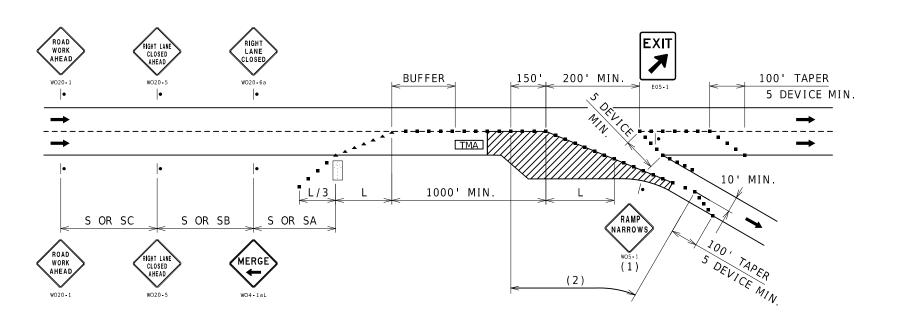
- (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (2) SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.
- (3) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUCSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.
- (4)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



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

CHRISTOPHER
ALAN WEST
NUMBER
PE-2014017034

CHRISTOPHER
ALAN WEST
OPHER ALAN WEST

DATE PREPARED

12/23/2024

ROUTE STATE

VAR MO

DISTRICT SHEET NO

KC 8

VARIOUS

JOB NO.

JKR0412

CONTRACT ID.

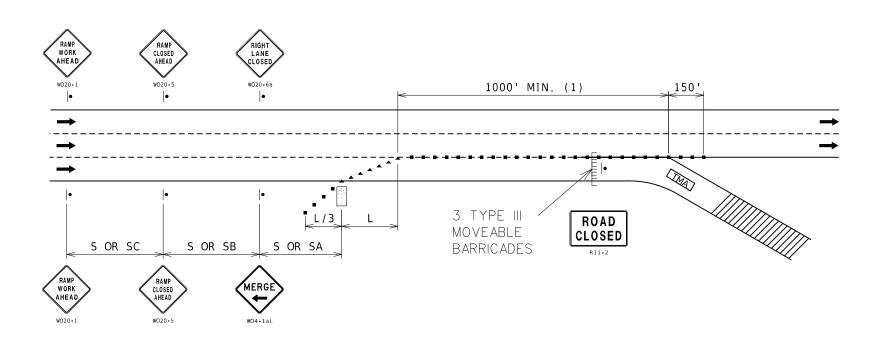
PROJECT NO

DESCRIPTION

MODOT

I SEFERSON CITY, NO 65102

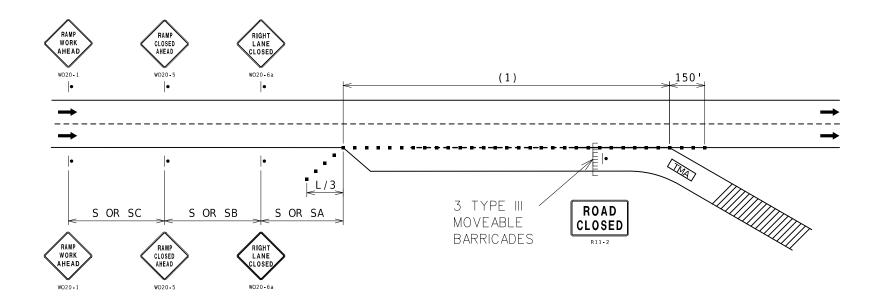
TRAFFIC CONTROL SHEET 7 OF 9



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

MISSOURI HIGHWAYS AND TRANSPORTATION DAT

COMMISSION

105 WEST CAPITOL

1-888-ASK-MODOT

1-

12/23/2024

VARIOUS

JOB NO.

JKR0412

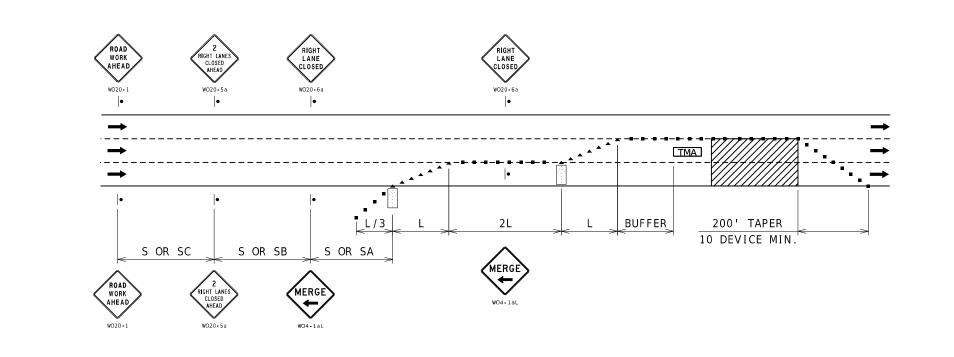
CONTRACT ID.

MO

VAR

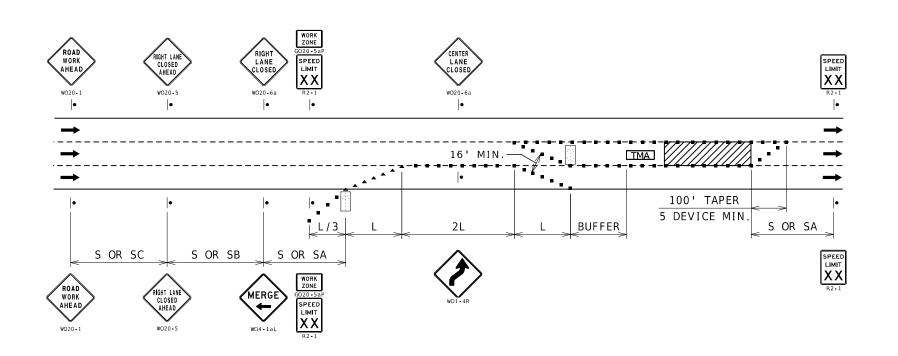
KC

TRAFFIC CONTROL SHEET 8 OF 9



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

MISSOURI HIGHWAYS AND TRANSPORTATION DA COMMISSION

MADOT

105 WEST CAPITOL

LEFERSON CITY. NO 65102

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

12/23/2024

VARIOUS

JOB NO.

JKR0412

CONTRACT ID.

10

VAR
DISTRICT
KC

TRAFFIC CONTROL SHEET 9 OF 9