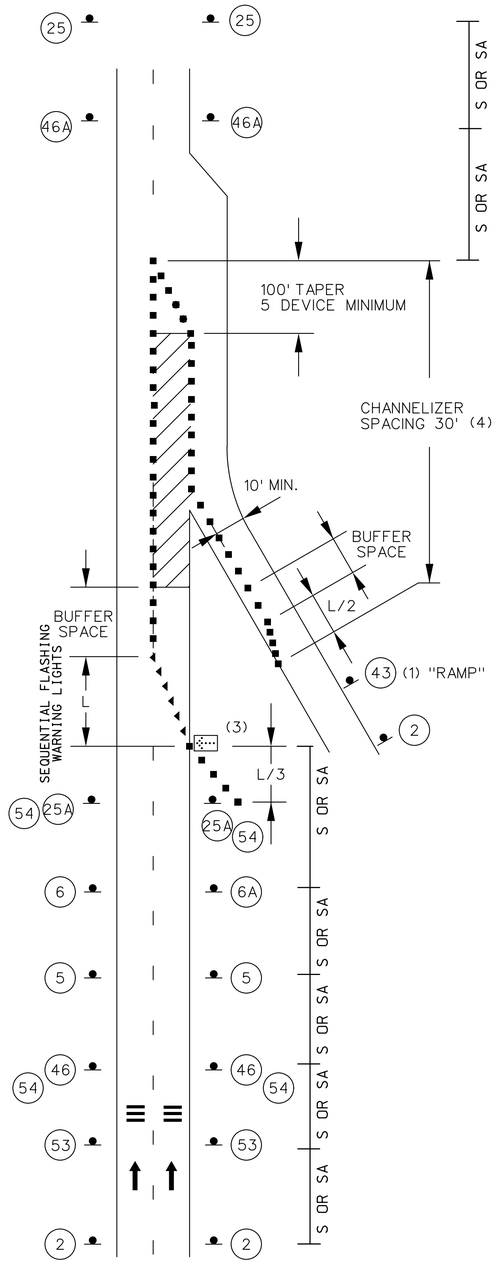
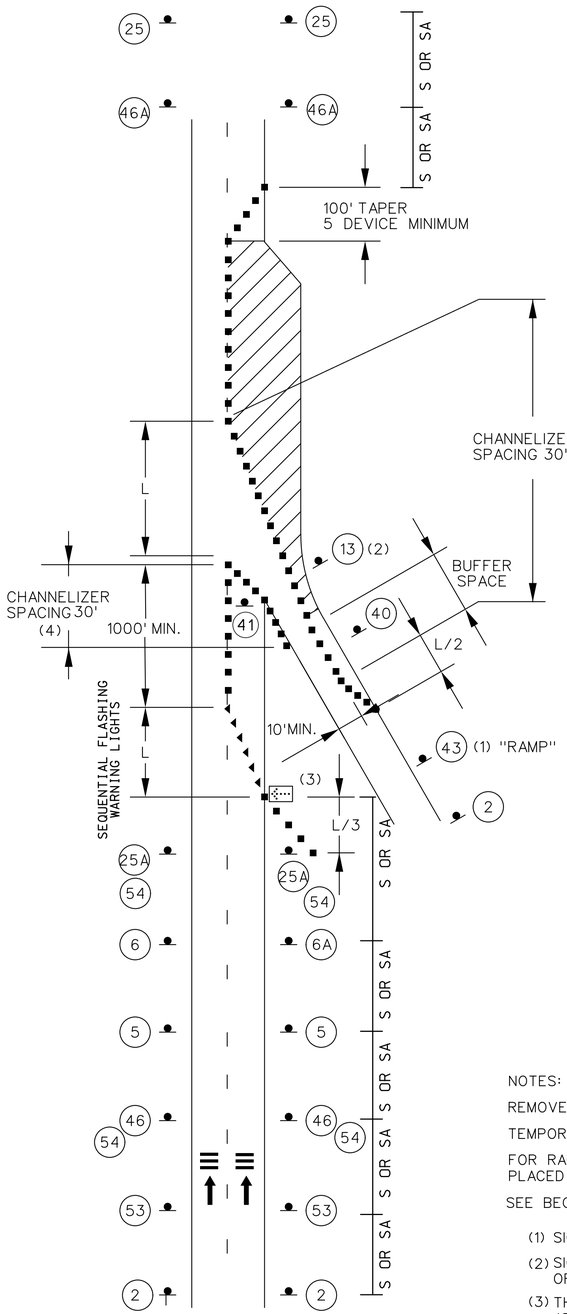
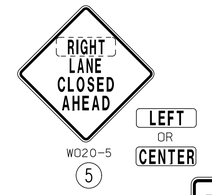
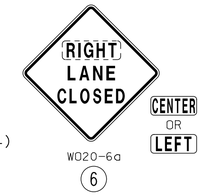
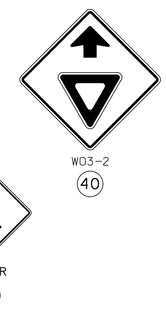


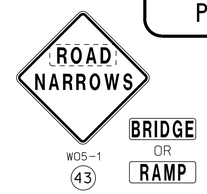


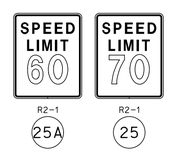
Lane Closure
Entrance Ramp Areas

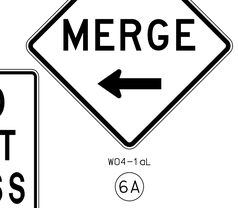


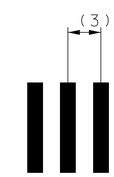












TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH (S)	MINIMUM TAPER LENGTHS (L) FOR LATERAL SHIFTS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205 FT	225 FT	245 FT	35 FT	50 FT
40-45	450 FT	495 FT	540 FT	40 FT	100 FT
50-55	550 FT	605 FT	660 FT	50 FT	100 FT
60-70	700 FT	770 FT	840 FT	60 FT	100 FT

SIGN SPACING FOR ADVANCE SIGN SERIES		
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.		
POSTED SPEED MPH (P)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200 FT	200 FT
40-45	350 FT	500 FT
50-55	500 FT	1000 FT
60-70	SA - 1000 FT, SB - 1500 FT AND SC - 2640 FT	

TAPER LENGTH (L)

$L = W \times S$ FOR 45 MPH OR MORE

$L = \frac{WS^2}{60}$ FOR 40 MPH OR LESS

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED PRIOR TO ROAD WORK IN MPH

SHORT-TERM RUMBLE STRIPS		
SPEED MPH	DISTANCE (2)	SPACING (3)
0-45 (OPTIONAL)	120 FT	10 FT
50-55	160 FT	20 FT
60-70	200 FT	30 FT

NOTES:

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR RAMPS WITH SHARP CURVES OR MULTIPLE LANES, RAMP SIGNS MAY BE PLACED ON BOTH SIDES OF THE RAMP.

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

(1) SIGN (43) REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) SIGN (13) 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 MOTORISTS ON THE RAMP.

(4) FOR WORK ZONES WHERE DEVICES ARE IN PLACE OVERNIGHT, USE TRIM-LINE CHANNELIZERS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- DIRECTIONAL INDICATOR BARRICADE
- WORK ZONE
- FLASHING ARROW PANEL
- SHORT TERM RUMBLES

NOT TO SCALE

TRAFFIC CONTROL PLAN
ENTRANCE RAMP
SHEET 3 OF 9

STATE OF MISSOURI
MARIA K. PETERS
NUMBER PE-2000162118
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/24/2020

ROUTE	STATE
70	MO
DISTRICT	SHEET NO.
CD	24

COUNTY CALLAWAY

JOB NO. J5I3137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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