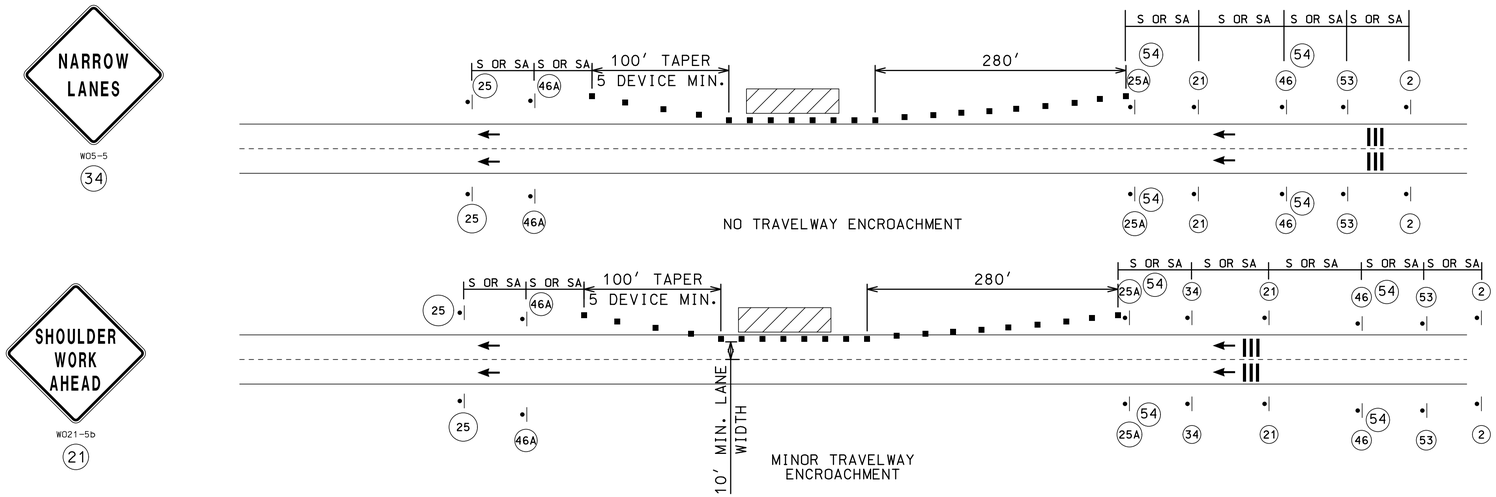
SHOULDER WORK – DUAL LANE I-70



NOTES:

LAYOUTS ARE TYPICAL FOR EITHER LANE.

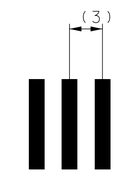
SIGN (2) NOT NEEDED IF LOCATED WITHIN LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN (2) IS ALREADY USED.

SIGN (4B) MAY BE MOVED UPSTREAM IF THE ENGINEER DEEMS THE WORK ZONE REQURES ADVANCE SPEED LIMIT NOTIFICATION.

MAXIMUM WORK ZONE LENGTH 2 MILES

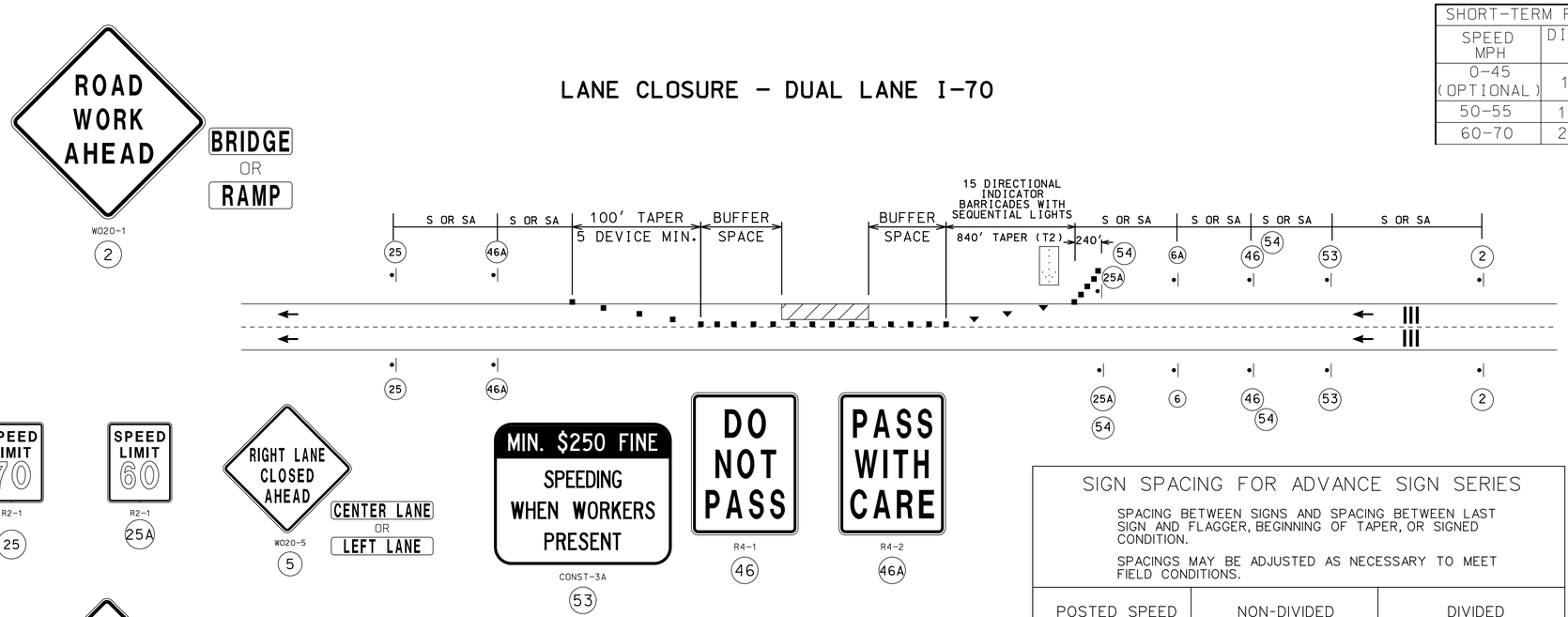
TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH (S)	MINIMUM TAPER LENGTHS			MAXIMUM CHANNELIZER SPACING	
	T1	T2	BUFFER	THROUGH TAPER	THROUGH WORK AREA
0-35	70 FT	245FT	280FT	35FT	40FT
40-45	150FT	540FT	400FT	40FT	80 FT
50-55	185FT	660FT	560FT	50FT	80 FT
60-70	235FT	840FT	840FT	60FT	120FT

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



(3)SPACING EXAMPLE

LANE CLOSURE – DUAL LANE I-70



LONGITUDINAL BUFFER SPACE	
POSTED SPEED PRIOR TO CONSTRUCTION	LENGTH
≤ 35 MPH	280 FT
40-45 MPH	400 FT
50-55 MPH	560 FT
60-70 MPH	840 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	

SPACING OF CHANNELIZING DEVICES		
SPEED MPH	MAXIMUM CHANNELIZER SPACING	
	THROUGH TAPER	THROUGH WORK AREA
≤ 35	35 FT	50 FT
40-45	40 FT	100 FT
50-55	50 FT	100 FT
≥ 60	60 FT	100 FT

TRAFFIC CONTROL LEGEND

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

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHOULDER WORK & LANE CLOSURE
SHEET 2 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 70	STATE MO
DISTRICT CD	SHEET NO. 23
COUNTY CALLAWAY	
JOB NO. J5I3137	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

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)