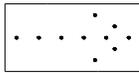
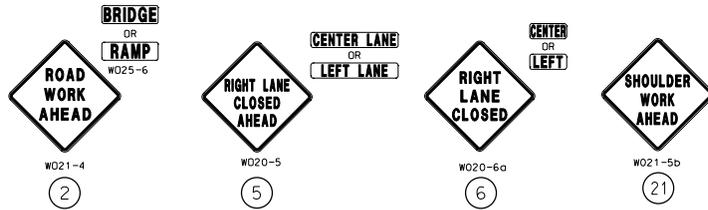


TRAFFIC CONTROL DEVICES



FLASHING ARROW PANEL
LOCATE AT BEGINNING
OF TAPER WHEN FEASIBLE

TRAFFIC CONTROL LEGEND

- SIGN
- CHANNELIZER, TRIM LINE OR DRUM-LIKE
- △ DIRECTIONAL INDICATOR BARRICADES (DIBS)
- TMA TRUCK MOUNTED ATTENUATOR W/ FLASHING ARROW
- △ FLAGGER

GENERAL NOTES:

1. SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
3. 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.

Sign Spacing, Device Spacing and Channelizing Taper Lengths

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED (1) MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	50
40-45	450	495	540	40	100
50-55	550	605	660	50	100
60-70	700	770	840	60	100

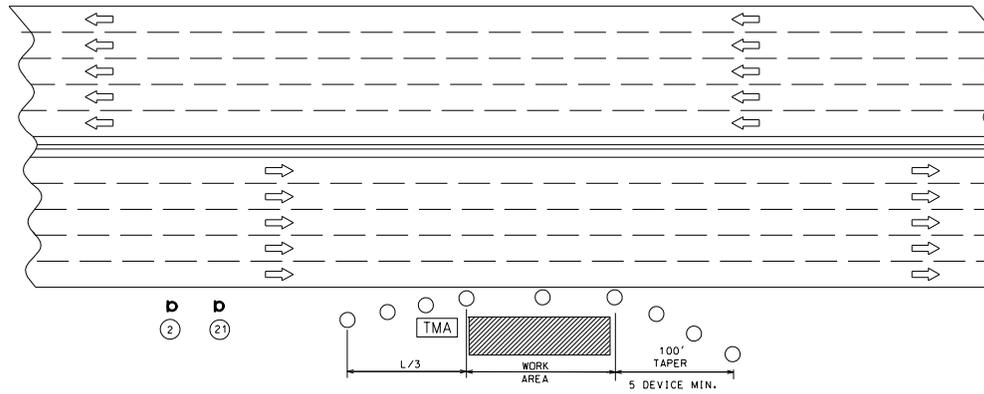
BUFFER SPACE	
SPEED (1) MPH	BUFFER SPACE
0-35	120
40-45	220
50-55	335
60-70	550

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
 - (3) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER.

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
SPEED (1) MPH	NON-DIVIDED HIGHWAYS (FT)	DIVIDED HIGHWAYS (FT)
	0-35	200
40-45	350	500
50-55	500	1000
60-70	1000	1000

TAPER LENGTH (L)
 L = WS 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 IN MPH



RIGHT SHOULDER WORK MULTI-LANE FREEWAYS WITH MEDIAN BARRIER

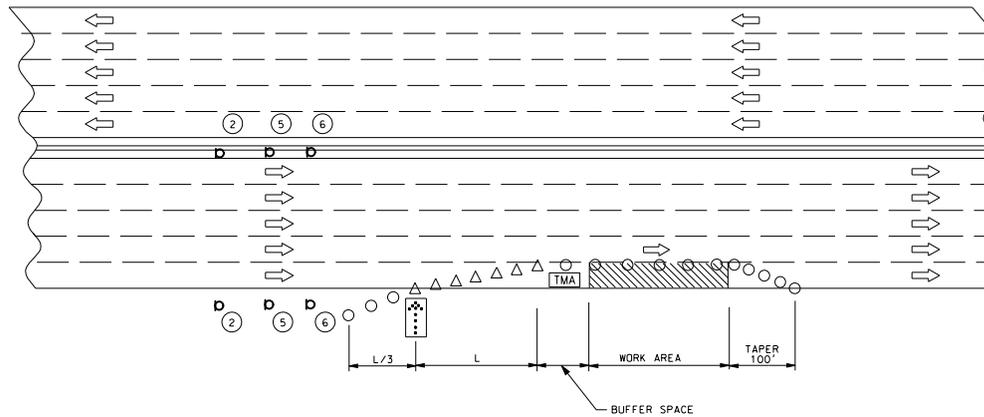
USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.
ONLY USED FOR SIX OR MORE LANE FREEWAYS WITH NARROW
LEFT SHOULDER ADJACENT TO CONCRETE MEDIAN BARRIER

CONSTRUCTION SIGNS

- 1 EACH ROAD WORK AHEAD
- 1 EACH SHOULDER WORK AHEAD
- 1 EACH TRUCK MOUNTED ATTENUATOR WITH FLASHING ARROW PANEL

NOTES:

SEE TCP SHEET 1 FOR SIGNS, SPACING AND TAPER LENGTHS.



SINGLE LANE CLOSURE

CONSTRUCTION SIGNS

- 2 EACH ROAD WORK AHEAD
- 2 EACH RIGHT (LEFT) LANE CLOSED AHEAD
- 2 EACH RIGHT (LEFT) LANE CLOSED
- 1 EACH FLASHING ARROW PANEL
- 1 EACH TRUCK MOUNTED ATTENUATOR WITH FLASHING ARROW PANEL

NOTES:

SEE TCP SHEET 1 FOR SIGNS, SPACING AND TAPER LENGTHS.

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