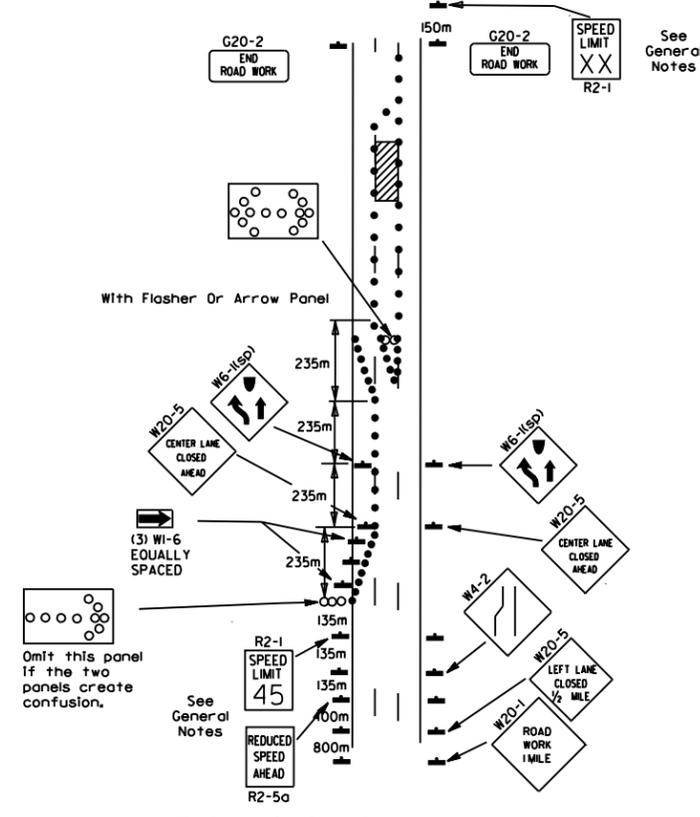


(A) Typical application - daytime maintenance operations of short duration on a 4-lane divided roadway where half of the roadway is closed.

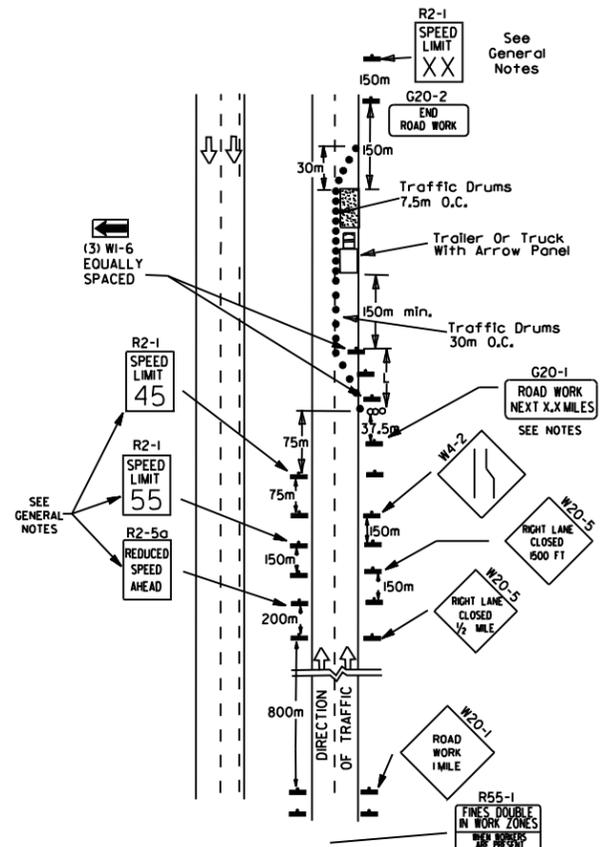


(B) Typical application - 3-lane oneway roadway where center lane is closed.

- KEY:
- Arrow Panel (if Required)
 - Channelizing Device
 - Traffic drum

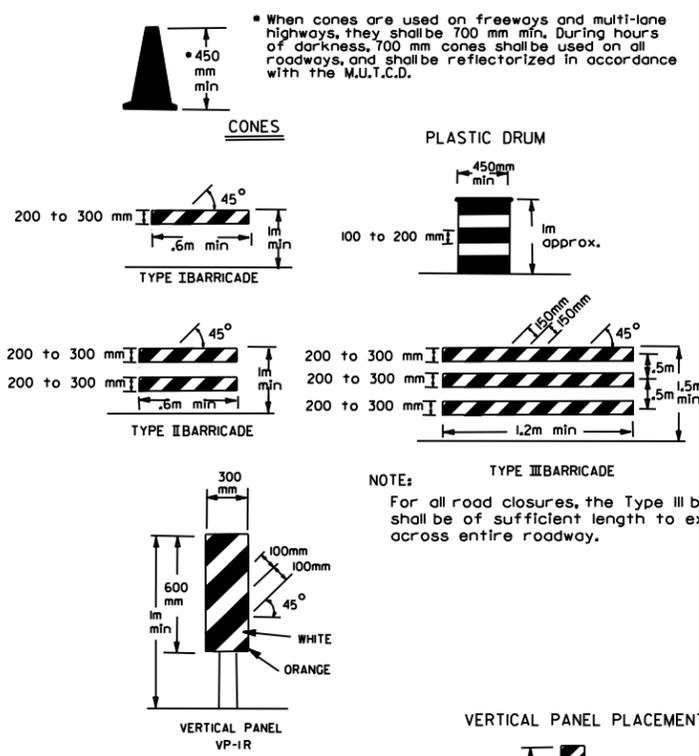
GENERAL NOTES:

1. A speed limit reduction may be implemented ONLY when designated in the plan or when recommended by the Roadway Design Division.
2. When the existing speed limit is 55 mph and the plans require a speed limit of 45 mph, the R2-1(55) shall be omitted and the R2-5A shall be installed at that location. Additional R2-1(45 mph) speed limit signs shall be installed at a maximum of 1.6 km intervals. At the end of the work area a R2-1(XX) shall be installed to match original speed limit.
3. When the existing speed limit is 65 mph and the plans require a speed limit of 55 mph, the R2-1(45) shall be omitted. Additional R2-1(55 mph) speed limit signs shall be installed at a maximum of 1.6 km intervals. At the end of the work area, a R2-1(XX) shall be installed to match original speed limit.
4. Warning lights and/or flags may be mounted to signs or channelizing devices at night as needed.
5. Pavement markings no longer applicable which might create confusion in the minds of vehicle operators shall be removed or obliterated as soon as practicable.
6. The G20-1 sign will be required on jobs of over 3 km in length. When the lane closure is not at the beginning of the project, the G20-1 sign shall be erected 37.5 m in advance of the job limit. Additional W20-1(l) signs are not required in advance of lane closures that begin inside the project limits.
7. Flaggers shall use STOP/SLOW paddles for controlling traffic through work zones. Flags may be used only for emergency situations.
8. All plastic drums and cones shall meet the requirements of NCHRP-350 or Manual For Assessing Safety Hardware (MASH).
9. Trailer mounted devices such as arrow panels and portable changeable message signs shall be delineated by affixing conspicuity material in a continuous line on the face of the trailer. When placed on or adjacent to the shoulder and not behind a positive barrier, these devices shall be delineated by placing five (5) traffic drums, equally spaced along the traffic side of the device.



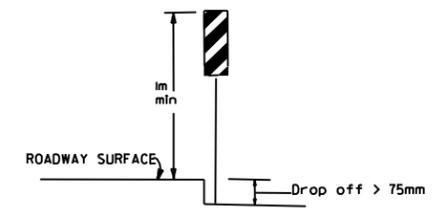
(C) Typical application - construction operations of intermediate to long term duration on a 4-lane divided roadway where half of the roadway is closed.

Channelizing devices



NOTE: For all road closures, the Type III barricades shall be of sufficient length to extend across entire roadway.

VERTICAL PANEL PLACEMENT



TRAFFIC CONTROL DEVICES FOR VERTICAL PAVEMENT DIFFERENTIALS

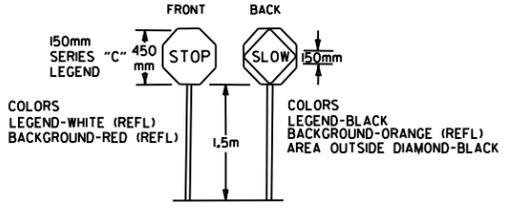
VERTICAL DIFFERENTIAL	LOCATIONS	TRAFFIC CONTROL
25 to 75mm	Centerline, lane lines	W8-11
25 to 75mm	Edge of shoulder	W8-9
Greater than 75mm	Lane lines	Standard lane closure required
Greater than 75mm	Edge of traveled lane	*RSP-1 and vertical panels, drums or concrete barrier
Greater than 75mm	Edge of shoulder	*Vertical panels, drums or concrete barrier

* When shown on the plans concrete barrier will be used. When the shoulder area is used as part of the traveled lane and there is insufficient width to place drums on the remaining shoulder width, then vertical panels shall be used.

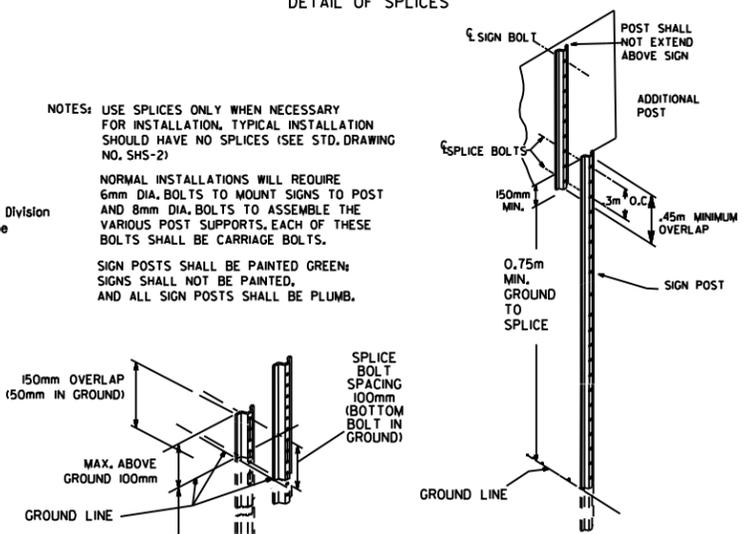
FLAG



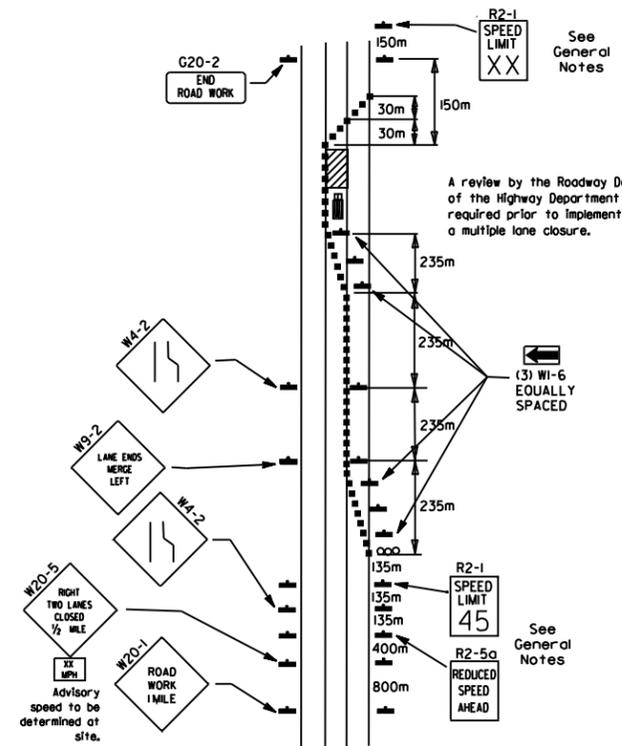
STOP/SLOW PADDLE



DETAIL OF SPLICES



NOTES: USE SPLICES ONLY WHEN NECESSARY FOR INSTALLATION. TYPICAL INSTALLATION SHOULD HAVE NO SPLICES (SEE STD. DRAWING NO. SHS-2). NORMAL INSTALLATIONS WILL REQUIRE 6mm DIA. BOLTS TO MOUNT SIGNS TO POST AND 8mm DIA. BOLTS TO ASSEMBLE THE VARIOUS POST SUPPORTS. EACH OF THESE BOLTS SHALL BE CARRIAGE BOLTS. SIGN POSTS SHALL BE PAINTED GREEN; SIGNS SHALL NOT BE PAINTED, AND ALL SIGN POSTS SHALL BE PLUMB.



(D) Typical application - closing multiple lanes of a multilane highway.

DATE	REVISION	FILMED
10-15-09	ADDED REFERENCE TO MASH	
11-20-08	REVISED SIGN DESIGNATIONS	
11-18-04	ADDED NOTE	
10-1-98	ADDED NOTE	
4-03-97	ADDED (SP) TO W6-1 & REVISED TRAFFIC CONTROL DEVICES NOTE	
10-18-96	ADDED R55-1	
10-12-95	MOVED UPPER SPLICE	
7-20-95	ADDED METRIC LOGO, DELETED PAGE NUMBER	
6-8-95	REVISED PER PART VI, MUTCD, SEPT. 3, 1993	
6-18-93	CONVERTED TO METRIC	