

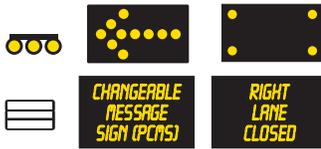
**Symbols**



**Meaning**  
 Flagger or Operator of  
 Automated Flagging Assistance Device



Automated Flagging Assistance Device (AFAD)



Flashing Arrow Board (FAB)

Portable Changeable Message Sign (PCMS)



Portable Equipment - includes testing devices,  
 detection, surveying, etc.



Portable Traffic Signal



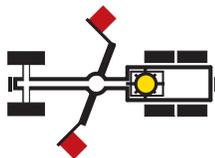
360-Degree Yellow Flashing Vehicle Light(s)



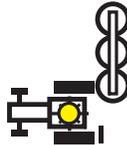
Work Vehicle



Work Vehicle with Crash Attenuator  
 (Truck or Trailer Mounted)



Motor Grader



Mower



Type III Barricade



Traffic Control Sign



Type A Flashing Warning Light



Channelizing Device.



A combination of Type A and B channelizing devices



Direction of Traffic



See Note; i.e. See Note 6



Work Space

**Symbols Used in Typical Layouts**

Figure 6K-14

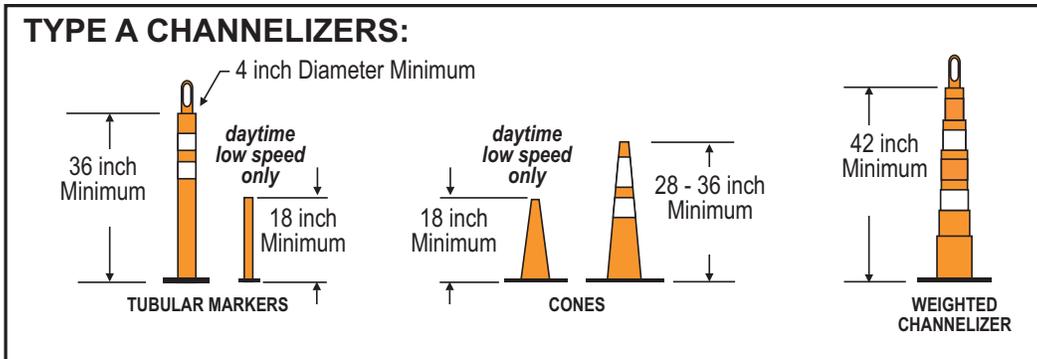
## Temporary Traffic Control Distance Charts

Posted Speed Limit Prior to Work Starting (mph)		Advance Warning Sign Spacing (A) feet	Decision Sight Distance (D) feet	Taper Length (12 ft lane) (L) feet	Shifting Taper (L/2) feet	Typical Shoulder Taper (L/3) feet
0 - 30	<b>G = 25 ft</b>	250	550	200	100	75
35 - 40		325	700	325	175	125
45 - 50	<b>G = 50 ft</b>	600	900	600	300	200
55		750	1200	700	350	250
60 - 65		1000	1400	800	400	275
70 - 75		1200	1600	900	450	300

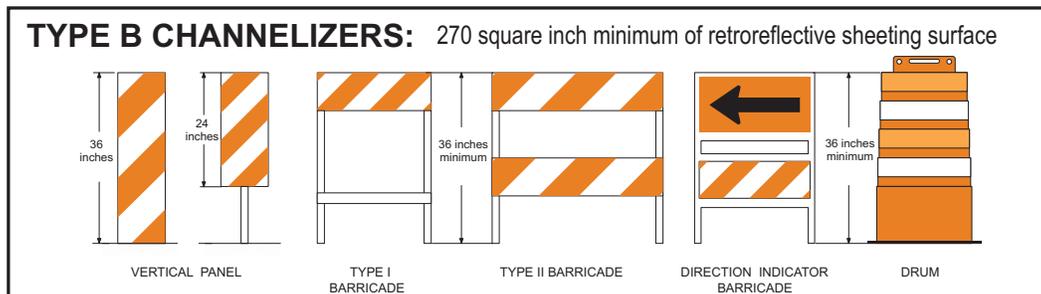
  

Posted Speed Limit Prior to Work Starting (mph)		Buffer Space (B) feet	Shadow Vehicle Following Distance (F) feet	Protection Vehicle Roll-Ahead Buffer Distance (with or without TMA) (R) Moving (15 mph max) feet      Stopped feet	
0 - 30	<b>G = 25 ft</b>	200	250 - 550	100	100
35 - 40		305	325 - 700	100	100
45 - 50	<b>G = 50 ft</b>	425	600 - 900	175	125
55		500	750 - 1200	175	125
60 - 65		650	1000 - 1400	225	175
70 - 75		820	1200 - 1600	225	175

**Type A channelizing devices are typically used in attended temporary traffic control zones.\***



**Type B channelizing devices shall be used if the temporary traffic control zone will be installed for more than 12 hours or if it is left unattended. \***



\* See the MN MUTCD, Part 6F for more details on application restrictions.

Figure 6K-15