

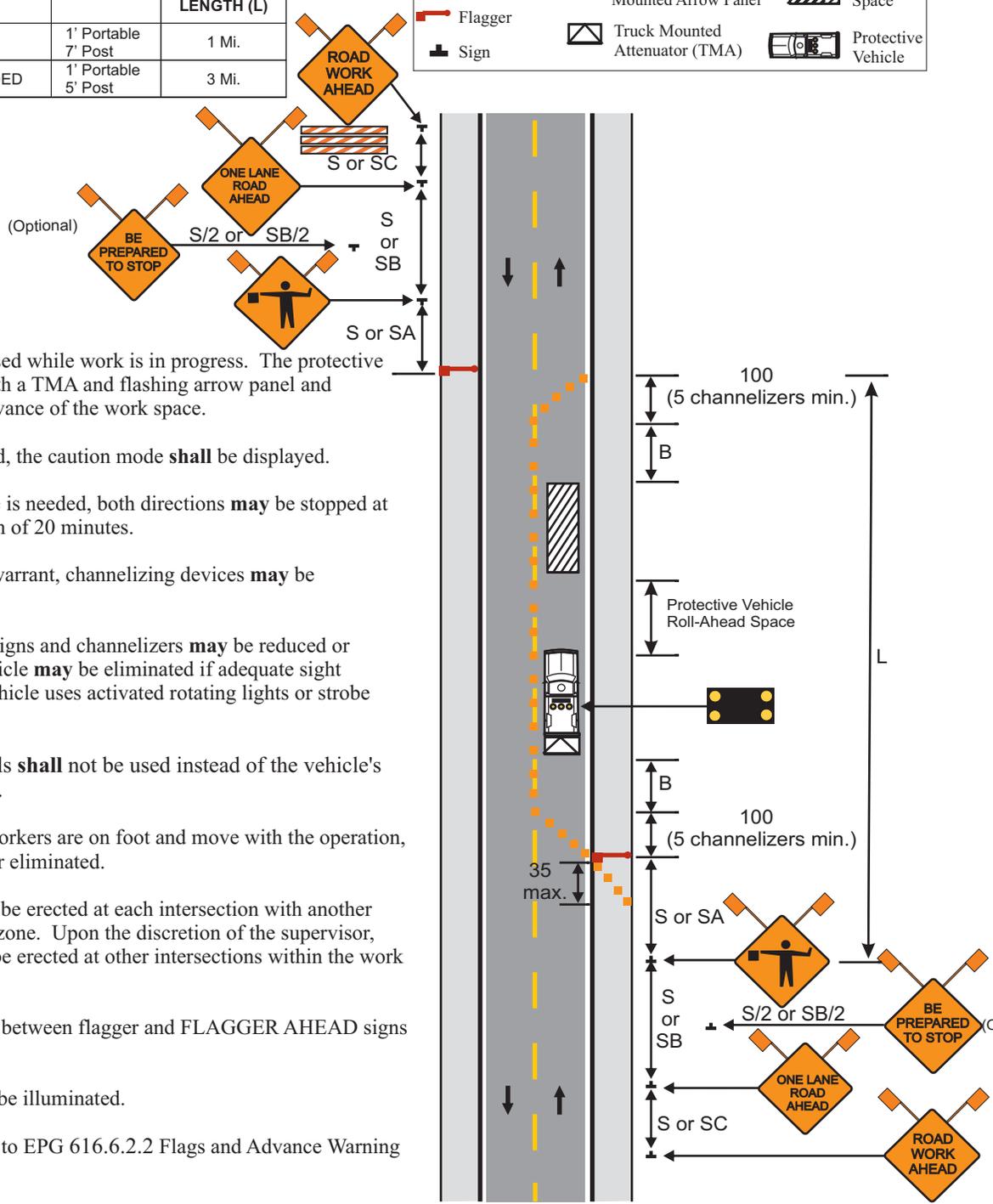
616.8.10 (TA-10) Lane Closure on Two-Lane Highways With Edgelines Using Flaggers - MT

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	Undivided (S)	Divided (S)	Shoulder ¹ (T1)	Lane ² (T2)		Tapers	Buffer/ Work Areas
0-35	200	-	-	-	250	-	50
40-45	350	-	-	-	360	-	100
50-55	500	-	-	-	495	-	100
60-70	SA - 1000, SB - 1500 and SC - 2640		-	-	730	-	100

¹ Shoulder taper length based on 10 ft. (standard shoulder width) offset ² Lane taper length based on 12 ft. (standard lane width) offset

ROADWAY TYPE	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' Portable 7' Post	1 Mi.
RURAL UNDIVIDED	1' Portable 5' Post	3 Mi.

- Channelizer
- Truck or Trailer Mounted Arrow Panel
- Work Space
- Flagger
- Truck Mounted Attenuator (TMA)
- Protective Vehicle
- Sign



A protective vehicle **shall** be used while work is in progress. The protective vehicle **should** be equipped with a TMA and flashing arrow panel and positioned at least 150 ft. in advance of the work space.

If a flashing arrow panel is used, the caution mode **shall** be displayed.

When a temporary road closure is needed, both directions **may** be stopped at the same time up to a maximum of 20 minutes.

Where operational conditions warrant, channelizing devices **may** be eliminated.

For short duration operations, signs and channelizers **may** be reduced or eliminated. The protective vehicle **may** be eliminated if adequate sight distance exists and the work vehicle uses activated rotating lights or strobe lights.

Vehicle hazard warning signals **shall** not be used instead of the vehicle's rotating lights or strobe lights.

For mobile operations where workers are on foot and move with the operation, channelizers **may** be reduced or eliminated.

Additional warning signs **shall** be erected at each intersection with another state highway within the work zone. Upon the discretion of the supervisor, additional warning signs **may** be erected at other intersections within the work zone.

For mobile operations, spacing between flagger and FLAGGER AHEAD signs **shall** not exceed one mile.

At night, flagger stations **shall** be illuminated.

For long-term operations, refer to EPG 616.6.2.2 Flags and Advance Warning Rail System.

If rumble strips are used, review 616.6.87 RUMBLE STRIPS.

For work zone located in the vicinity of a railroad grade crossing, refer to 616.8.46 (TA-46) Work in the Vicinity of a Grade Crossing.

(Advanced Warning Rail System) For Long Term Operations