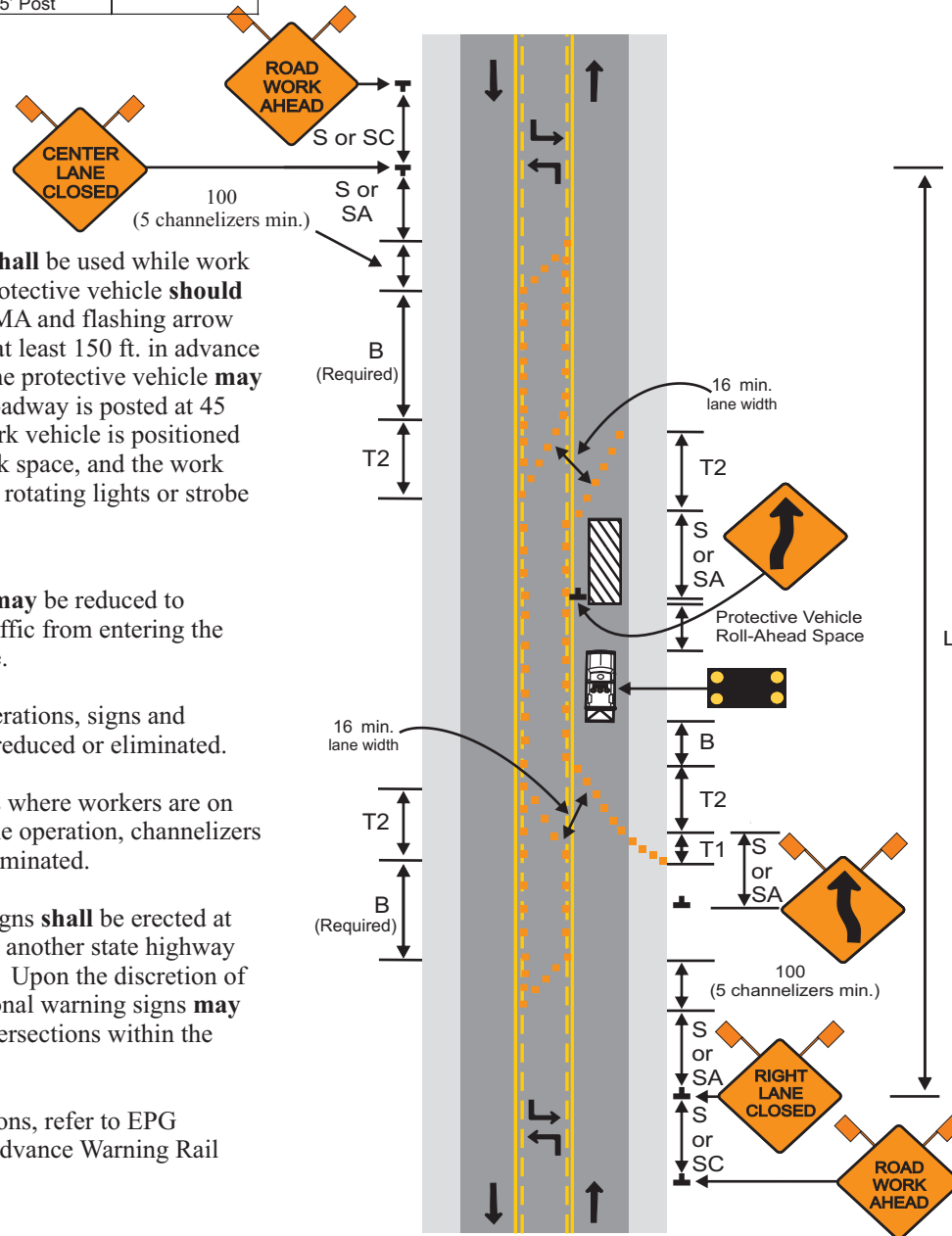
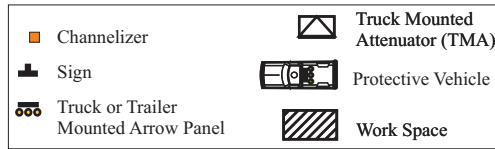


**616.8.31 (TA-31) Lane Closure Using Two-Way Left Turn Lane on Undivided Highways - MT**

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	Undivided (S)	Divided (S)	Shoulder <sup>1</sup> (T1)	Lane <sup>2</sup> (T2)		Tapers	Buffer/ Work Areas
0-35	200	200	-	245	250	35	50
40-45	350	500	-	540	360	40	100
50-55	500	1000	-	660	495	50	100
60-70	SA - 1000, SB - 1500, and SC - 2640		-	840	730	60	100

<sup>1</sup> Shoulder taper length based on 10 ft. (standard shoulder width) offset    <sup>2</sup> 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.



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. The protective vehicle **may** be eliminated if the roadway is posted at 45 mph or below, the work vehicle is positioned in advance of the work space, and the work vehicle uses activated rotating lights or strobe lights.

Channelizer spacing **may** be reduced to discourage turning traffic from entering the two-way left turn lane.

For short duration operations, signs and channelizers **may** be reduced or eliminated.

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

