

Figure: 616.6.87.1 Temporary Rumble Strip Placement in Flagging Operations

SPEED Permanent Posted (mph)	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	Undivided (S)	Divided (S)	Shoulder (T1)	Lane (T2)		Tapers	Buffer/ Work Areas
0-35	200	-	-	-	280	-	40
40-45	350	-	-	-	400	-	80
50-55	500	-	-	-	560	-	80
60-70	1000	-	-	-	840	-	120

NOTES:

See EPG 616.6.87 Temporary Rumble Strips for rumble strip guidance and locations.

Flagging operation can include human flaggers, automated flagger assistance devices, portable signal flagging devices and traffic control signals operations.

Review appropriate typical applications for signs, sign spacing, taper length, buffer length, channelizer spacing, TMAs, etc.

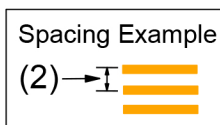
Temporary rumble strips shall be orange in color.

Long-term rumble strips shall consist of 5 strips separated at 10-12 ft. centers or manufacturer's recommendation.

Short-term rumble strips shall consist of 3 strips.

Two sets of rumble strips (3 & 4) may be used simultaneously or one set of rumble strips may be used. If one set of rumble strips are used, the preferred placement is at location (3)

Short-term Rumble Strips		
Speed (MPH)	Distance (ft.) (1)	Spacing (ft.) (2)
0 - 45 (Optional)	120	10
50 - 55	160	15
60 - 70	200	20



Spacing (2) may need to be adjusted if temporary rumbles strips are sliding or moving.