

Rumble Strips at Intersections

Design Manual
Chapter 6
Geometric Design

Originally Issued: 09-01-95
Revised: 05-15-14

Install stop sign rumble strips according to the General paragraph in Section [18A-1](#) of the Traffic and Safety Manual. On reconstruction or resurfacing projects that do not involve geometric changes or changes in stop conditions, the designer should consult with the Traffic Engineering Section of Office of Traffic and Safety prior to placing rumble strips where they do not already exist. If rumble strips already exist, panel A and panel B should be replaced at the same locations as the originals. If there is a third rumble strip (Panel C), do not replace it.

As shown in Figure 1, the two rumble strips will normally be located according to the following guidelines:

- First rumble strip located 200 feet in advance of the STOP AHEAD sign.
- Second rumble strip located 75% of the distance from the STOP sign to the STOP AHEAD sign, in advance of the stop bar.

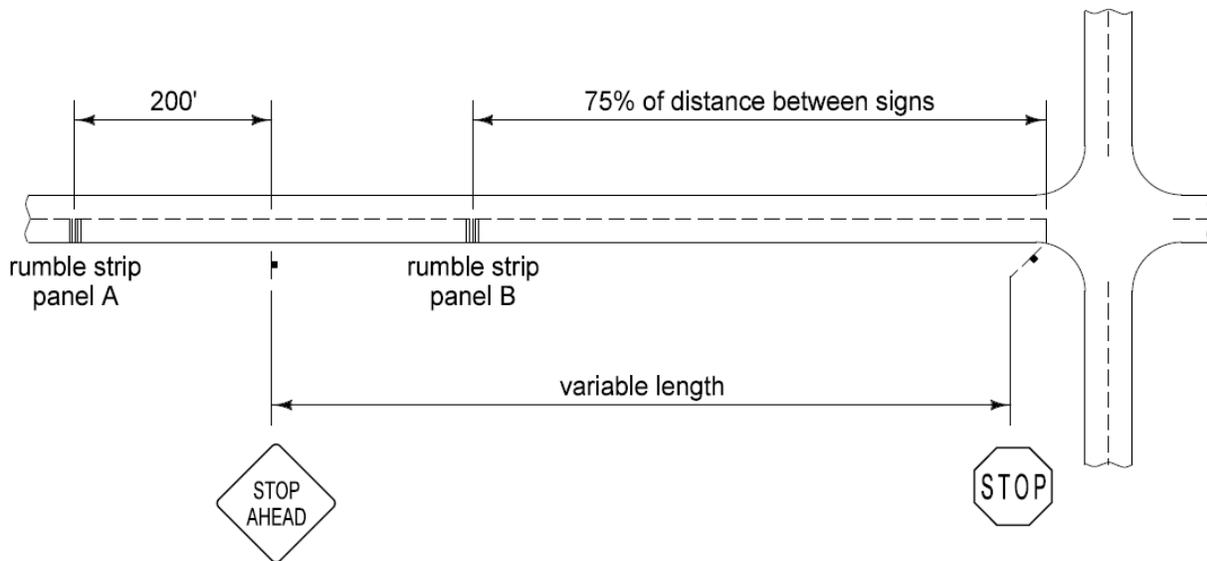


Figure 1: Rumble Strip Placement at Stop Signs.

Whenever there is a change of alignment or stop conditions at an intersection, the Office of Traffic and Safety should be contacted to determine if rumble strips are to be placed.

Chronology of Changes to Design Manual Section:

006A-007 Rumble Strips at Intersections

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| 5/15/2014 | Revised
Revised to address request made by the Office of Traffic and Safety to reference the TAS Manual for when to place rumble strips at stop signs. |
| 8/31/2010 | Revised
Clarified that only Panel A and Panel B rumble strips are to be replaced on existing projects. |