

# Rumble Strip Panels at Intersections

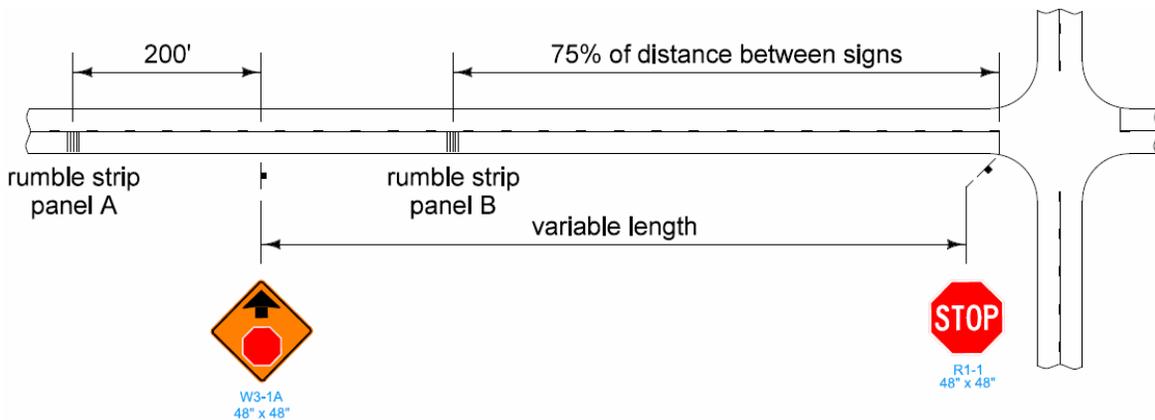
Design Manual  
Chapter 6  
Geometric Design

Originally Issued: 09-01-95  
Revised: 11-26-19

Install stop sign rumble strip panels (see [PV-10](#)) 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 the Traffic and Safety Bureau prior to placing rumble strip panels where they do not already exist. If rumble strip panels 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 strip panels will normally be located according to the following guidelines:

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



**Figure 1:** Rumble strip panel placement at stop signs.

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

# Chronology of Changes to Design Manual Section:

## 006A-007 Rumble Strips at Intersections

- |            |   |
|------------|---|
| 11/26/2019 | Revised<br>Added reference to PV-10 and updated Figure 1.   |
| 5/15/2014  | Revised<br>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<br>Clarified that only Panel A and Panel B rumble strips are to be replaced on existing projects.   |