

PART 3. MARKINGS

CHAPTER 3H. RUMBLE STRIP MARKINGS

Markings Technical Committee Recommendations
Approved by NCUTCD Council January 10 & 12, 2008

Additional Changes Approved by NCUTCD Council June 21, 2008

Yellow highlight indicates recommended changes to the NPA.

3H.01
 Approved by
 NC with
 revisions to
 NPA.
 Approved
 revision
 highlighted in
 yellow.

Section 3H.01 Longitudinal Rumble Strip Markings

Support:

Longitudinal rumble strips consist of a series of rough-textured or slightly raised or depressed road surfaces intended to alert inattentive drivers through vibration and sound that their vehicle has left the travel lane. Shoulder rumble strips are typically installed along the shoulder near the travel lane. On divided highways, rumble strips are sometimes installed on the median side (left-hand side) shoulder as well as on the outside (right-hand side) shoulder. On two-way roadways, rumble strips are sometimes installed along the center line.

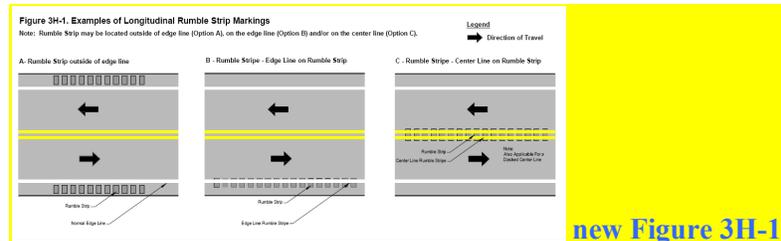
The provisions in this Manual address the use of markings in combination with a longitudinal rumble strip.

Option:

An edge line or center line may be located over a longitudinal rumble strip to create a rumble stripe.

Standard:

If used, the edge line or center line associated with a longitudinal rumble stripe shall be white for the right-hand edge of the roadway, yellow for the left-hand edge of the roadways of divided and one-way highways and ramps, and yellow for the separation of traffic traveling in opposite directions. **An edge line shall not be used in addition to a rumble stripe that is located along a shoulder.** Figure 3H-1 illustrates markings used with or near rumble strips.



3H.02
Approved by
NC without
revisions to
NPA.

Section 3H.02 Transverse Rumble Strip Markings

Support:

Transverse rumble strips consist of intermittent narrow, transverse areas of rough-textured or slightly raised or depressed road surface that extend across the travel lanes to alert drivers to unusual vehicular traffic conditions. Through noise and vibration, they attract the attention of road users to features such as unexpected changes in alignment and conditions requiring a reduction in speed or a stop.

The provisions in this Manual address the use of markings in combination with a transverse rumble strip.

Standard:

If the color of a transverse rumble strip used within a travel lane is not the color of the pavement, the color of the transverse rumble strip shall be white.

Guidance:

White transverse rumble strips used in a travel lane should not be placed in locations where they could be confused with other transverse markings such as stop lines or crosswalks.

Document Comment Related to Approval of Indicated Text

The MTC and NCUTCD reviewed the NPA text for Chapter 3H. For Section 3H.01, the NCUTCD recommends a sentence be added to the end of the section to prevent the use of a double edge line when using a rumble stripe. The NCUTCD also recommends the addition of Figure 3H-1. The NCUTCD found no proposed changes that warranted comment or revision in Section 3H.02.