

1-3 Scope of the Draft Guidelines

The draft guidelines provide the basic specifications, locations and installation methods for rumble strips. The specifications are to be applied flexibly, in light of the local situation of accidents, the road environment, and any necessary consultations with road managers and roadside residents.

The strips in these draft guidelines are a road safety measure in which grooves are longitudinally milled into the paved road surface for the purpose of causing jarring sounds and vibrations in a vehicle running over the strips. These warn drivers that they are in danger of veering from their lane.

Explanation

● Meaning of “Rumble Strip”

In the term “rumble strip,” the first word refers to the low, continuous sound or vibration caused when a vehicles runs over the strip and the second word refers to something that is narrow and continuous.

● Definition of rumble strips as used in the draft guidelines

Rumble strips are distinguished by their installation method: They are milled, rolled or raised (Table 1-1). The draft guideline focuses on milled strips.

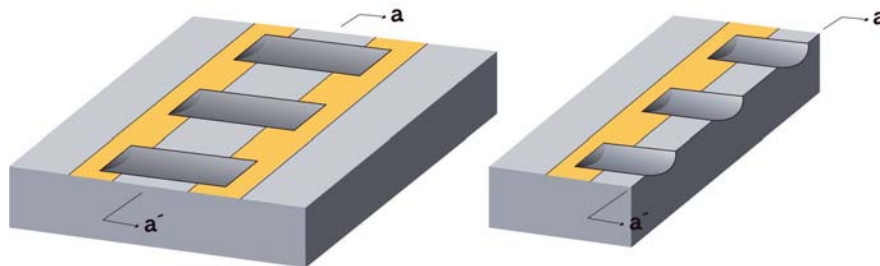


Figure 1-3: Milled Rumble Strips

Table 1-1: Types of Rumble Strips

Type	Milled Type	Rolled Type	Formed Type	Raised Type
Installation method	Milling	Rolling (by deformed roller) or forming (by a mold placed on the surface)		Protruding strips glued or riveted to the pavement surface
To be installed...	After pavement installation	During asphalt pavement installation	During concrete pavement installation	After pavement installation