Centerline Rumble Strips

General Notes:
1. This standard sheet provides guidelines for installing centerline rumble strips on multilane undivided highways.
2. Centerline and edgeline rumble strips or profile markings shall not be placed on roadways with a posted speed limit of 45 mph or less.
3. Milled rumble strips are preferred when adequate pavement depth is available. If pavement thickness is less than 2 inches, milled rumble strips shall not be used. Rumble strips shall not be milled or depressed into bridge decks.
4. See dimensions for milled rumble strips. Other shapes and dimensions may be used if approved by the Traffic Operations Division.
5. Breaks in milled centerline rumble strips shall occur at least 50 feet and no more than 150 feet in advance of bridges, rail-roads crossings, intersections and driveways with high usage of large trucks.
6. Use Standard Sheet PM(2) for positioning, dimensioning, and spacing of all reflective raised pavement markers, pavement markings and profile markings.
7. Consideration should be given to noise levels when centerline rumble strips are installed near residential areas, schools, churches, etc. A minimum of 3/8 inch depth of milled rumble strip may be considered in these areas.
8. Pavement markings must be applied over milled centerline rumble strips for normal centerline spacing. For wider medians, specify in the plans the exact placement of the rumble strips. Place the rumble strips under each centerline marking or centered in the middle of the median.

When Installing Centerline Rumble Strips:
9. Raised rumble strips consisting of non-reflective raised traffic buttons may be used. Non-reflective raised traffic buttons can be affixed to asphalt or concrete with bitumen or adhesives. See per manufacturer's recommendations.
10. When using non-reflective raised traffic buttons as a centerline marking, the button shall be placed adjacent to the centerline marking delineating the centerline. The color of the button should be yellow for a continuous no passing roadway. The button will be 0.25" for a speed limit 45 MPH. Non-reflective traffic buttons must meet the requirements of DMS-4300.

When Installing Edgeline Rumble Strips With or Without Centerline Rumble Strips on Undivided Highways:
11. See standard sheet RS(1).

Texas Department of Transportation
Traffic Operations Division Standards