Pay limits (includes 7" spacing between indentations and 12' gap in rumble strips)

NOTE:
1. See plans for location of shoulder rumble strip gaps at turn lanes, auxiliary lanes, and approach roads.

SHOULDER RUMBLE STRIP

Center line rumble strips are continuous through passing and no passing zones

Edison

Traveled Way

Shoulder

Rumble strip (typ.)
(12" width shown)

See Detail B

Solid white edge line pavement marking as shown on the plans

Solid yellow center line pavement marking as shown on the plans

Solid white edge line pavement marking as shown on the plans

TYPICAL RUMBLE STRIP

SECTION A-A

CENTERLINE RUMBLE STRIP

Dashed yellow center line pavement marking as shown on the plans

(4" width shown)

Rumble strips are shown on the plans

No passing zone

Passing zone

Pay limits (includes 7" spacing between indentations)

EDGE LINE RUMBLE STRIP

Solid yellow center line pavement marking as shown on the plans

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

RUMBLE STRIPS

NO SCALE

detail

C629-51
Notes to the Designer
Updated October 2021
Rumble Strips

General Information
- Printing should be done from the [Sheet] View model

- See the CFLHD Supplement 8.7.1.4-1 for guidance on the use of rumble strips.
- Shoulders and Edge Line Rumble Strips
  Use in rural roads only (not developed areas with frequent access points, near campgrounds, near residential areas, etc.)
  Travel lane width ≥ 11 ft
  When bicyclists use the shoulder, do not install when the shoulder clear width available is less than 4 ft wide.
  Consider installing shoulder and edge line rumble strips when:
  - Crash data indicates a high frequency and/or high severity of runoff-road and fixed object crashes
  - The clear zone is limited in width with severe roadside (steep dropoffs, large trees near edge of road, etc.)
  Width of shoulder and edge line rumble strip
  - 12 in - high speed, high volume highways with truck traffic
  - 8 in - standard application for roads with a posted speed less than 50 mph and moderate volumes
  Provide gaps in the shoulder and edge line rumble strips near intersections. Refer to the FLH Rumble Strip Guidelines Figure 3a and 3b.

- Centerline Rumble Strips
  Use in spot locations or continuously through a project.
  Use in both passing and no-passing zones.
  Travel lane width ≥ 11 ft, Paved shoulder width ≥ 2 ft
  Generally use in mountainous terrain with frequent curvature

Applicable SCRs

Typical Pay Item Used
- 63313-0000 Rumble Strip [LNFT]
- 63314-0000 Rumble Strip [MILE]

Updates
- March 2011
  - New CFL Detail drawing
- August 2014
  - Updated for FP-14
  - Updated Border
- July 2017
  - Updated based on new research and guidance available
- October 2021
  - Updated for OpenRoads Designer