NOTES:

1. When friction course extends more than 8" beyond the edge of the traveled way, blade off the extended friction course to the 8" line prior to rumble strip grinding.

2. Use the continuous array on both inside and outside shoulders 1,000 feet in advance of bridge ends or back to the gore recovery area for mainline interchange bridges. Use the skip array for all other locations.

3. Exclude rumble strips at the following locations:
   - A. At mainline tolling areas, terminate rumble strips at the end of the mainline normal section.
   - B. At All Electronic Tolling (AET) facilities, terminate rumble strips within 50 feet of the centerline of the overhead gantry.
   - C. On outside shoulders of entrance ramp terminals, terminate rumble strips at the point of the physical gore and resume at the end of the deceleration lane taper.
   - D. On outside shoulders of exit ramp terminals, terminate rumble strips at the point of the physical gore and resume at the end of the acceleration lane taper.
   - E. On approaches to bridges, terminate rumble strips at the approach slab joint.
   - F. On either side of median crossover openings, terminate rumble strips within 400 feet.

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3.2. Use the continuous array on both inside and outside shoulders 1,000 feet in advance of bridge ends or back to the gore recovery area for mainline interchange bridges. Use the skip array for all other locations.

3.3. When friction course extends more than 8" beyond the edge of the traveled way, blade off the extended friction course to the 8" line prior to rumble strip grinding.

RUMBLE STRIP DEPTH TABLE

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>DEPTH FROM SURFACE (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0</td>
</tr>
<tr>
<td>B</td>
<td>3/8 (±1/8)</td>
</tr>
</tbody>
</table>

RUMBLE STRIP ARRAY DETAILS

Continuous Array

Center to Center

12" (±1")

Rumble Strip (Typ.)

12" (±1")

Continuous Grinding

Center to Center

12" (±1")

Rumble Strip (Typ.)

12" (±1")

SKIP ARRAY

Center to Center

7'-0" (±6") Gap

9'-0" (±6") Gap

7'-0" (±6") Grindin

7'-0" (±6") Grindin

9'-0" (±6") Gap

12" (±2")

12" (±2")

RUMBLE STRIP DETAILS

PLAN VIEW

SECTION A-A

RUMBLE STRIP PLACEMENT

(Plan View)
Rumble Strip (Typ.)
- 6" Pavement Marking

TYPE "A1" (Plan View)

Rumble Strip (Typ.)
- 6" Pavement Marking

TYPE "B1" (Plan View)
- 6" White

Rumble Strip (Typ.)
- 6" White

TYPE "C1" (Plan View)

Rumble Strip (Typ.)
- 6" Double Yellow

TYPE "D1" - PASSING (Plan View)

NOTE:
See the Plans for the Placement Type to be used.

EDGE LINE RUMBLE STRIP PLACEMENT TYPES

CENTERLINE RUMBLE STRIP PLACEMENT TYPES

SKIP ARRAY
(Outside Shoulder Edge Lines)

CONTINUOUS ARRAY
(Centerlines and Inside Shoulder Edge Lines)

RUMBLE STRIP DEPTH TABLE

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>DEPTH FROM SURFACE (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>0</td>
</tr>
<tr>
<td>D</td>
<td>12&quot; (±1&quot;)</td>
</tr>
</tbody>
</table>

RUMBLE STRIP ARRAY DETAILS

CONTINUOUS ARRAY
(Outside Shoulder Edge Lines)

PLAN VIEW
**NOTE:**
See the Plans for the Placement Type to be used.