STRUCTURES WITH LESS THAN FULL WIDTH SHOULDERS

PLAN ONE-WAY

INSET A

INSET B

PLAN TWO-WAY

GENERAL NOTES FOR RAISED RUMBLE STRIPS

1. Raised rumble strips shall be constructed on all paved shoulders approaching the intersection, where the structure shoulder width is less than the usable shoulder width of the approach roadway. Raised rumble strips at intersections shall be constructed only when specified in the plan.

2. Raised rumble strips are to be constructed in accordance with Section 54E of the Specifications.

3. When any portion of a curve falls within the limits of rumble strips shown in these details, additional rumble strip sets spaced at 200 centres shall be constructed throughout the remainder of the approaching curve.

4. Raised rumble strips shall be paid for per cent under the contract unit prices for Rumble Strips Sets, PS. Such prices and payment shall be full compensation for all work and materials required without adjustment due to width of pavement receiving the strips or length of strips.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

RUMBLE STRIPS

RAISED RUMBLE STRIPS

INTERSECTIONS
LOCATION ALONG SHOULDER (FLEXIBLE PAVEMENT)

SHOULDER GROUND-IN RUMBLE STRIPS

GENERAL NOTES FOR GROUND-IN RUMBLE STRIPS

1. Ground-in rumble strips shall be constructed on limited access facilities.
2. The single array is the standard array. The continuous array shall be constructed in advance of bridge ends for a distance of 500', or back to the gore recovery area of a interchange ramp, and constructed at other specific locations as noted on the plans.
3. Ground-in rumble strips are to be constructed in accordance with Section 546 of the Specifications.
4. When friction course extends more than 6" beyond the edge of the travel lane, the extended friction course shall be sloped off back to the 8" line, prior to rumble strip grouting.
5. Both grouting shall be paid for under the contract unit price for Rumble Strips (Ground-In) PM. Such price and payment shall be full compensation for all work and materials required.

DESIGN NOTE

1. The rumble strips described on this sheet are intended for use on flexible pavement shoulders. When constructing ground-in rumble strips on existing rigid (concrete) shoulders, no rumble strips shall be located closer than 8" from any pavement joint. When specifying ground-in rumble strips on existing rigid shoulders, their location and orientation shall be detailed in the plans.
2. Other methods and type of applications shall not be used unless approved in writing by the State Roadway Design Engineer. Approval will be considered only if written documented justification for variance from this standard.