

DRAFT AOT Action Plan – Rumble Stripes

CEA # 1	Keeping Vehicles on the Roadway and Minimizing the Consequences of Leaving the Road
Strategy # 3	Provide edgeline or centerline rumble stripes
Targets	Run-off-road and head-on crashes where driver inattention or low visibility contribute to crashes
Description	Implement rumble stripes to increase driver awareness of lane position. Best used for corridor/long segment treatments, rather than spot improvement. Avoid high density residential areas where noise will be a major issue.
Actions	<p>Step 1 – identify candidate locations, with single vehicle crashes (run off road) or non-intersection related opposite-direction-sideswipe/head-on crashes.</p> <p>Step 2 – conduct office review of sites using mapping and Visidata to determine proximity to residences, shoulder width, pavement condition</p> <p>Step 3 – check project schedules and determine whether candidate sites can be incorporated into existing projects, and/or not be paved over by upcoming projects.</p> <p>Step 3 – for target sites, conduct field review with town officials to get local buy-in.</p> <p>Step 4 – identify funding and develop construction plans</p> <p>Step 5 - install rumble stripes</p> <p>Step 6 – provide pubic information regarding purpose</p> <p>Step 7 – monitor projects for complaints, maintenance challenges, line conspicuity, and crashes.</p>
Time Frame	<p>Pilot project location identification underway Pilot project construction – fall 2007</p> <p>Larger scale implementation – summer 2008 and beyond</p>
Output	Number Of miles treated
Data Needed	<p>Targeted crash types – locations, frequency per mile</p> <p>Candidate sites – pavement width and condition; proximity to residences</p> <p>Paving project schedules (including district overlays)</p> <p>Locations where implemented</p>
Data Collection (how, by whom)	Data to be acquired by Traffic Safety Unit from existing sources.
Performance	Number of miles treated

Measure	It may be possible to measure effectiveness in reducing crashes after a large number of miles are treated so a statistically valid comparison can be made.
Funding	Incorporation into existing projects where possible Statewide Rumble Stripe project has been identified in Capital program, needs to be incorporated into STIP