

DRAFT Action Plan

CEA #	CEA #3
Strategy #	Strategy #9
Targets	Municipally-controlled roads
Description	Implement local program for identifying and prioritizing High Crash Intersections ¹ .
Actions	<p>Step 1: VTrans distributes existing crash database for local roads to respective RPCs; RPCs analyze data to identify local roads with high (need to identify threshold) crash quantities</p> <p>Step 2: RPCs review and supplement VTrans crash data with input from local police departments, emergency response agencies, field review, and any other appropriate sources.</p> <p>Step 3: Based on Step 1 and 2, RPCs will identify specific locations requiring treatment. RPCs will collect GPS and photo information for each site. Each region creates a submittal to VTrans for additional review and entry into the crash database for tracking.</p> <p>Step 4: RPCs “weight” the locations based on associated traffic volumes, geometrics, road sufficiency, and/or any other appropriate factors.</p> <p>Step 5: RPCs create prioritized list.</p> <p>Step 6: RPC/VTrans evaluate and suggest a project development track for each location. The municipality may address small issues such as brush clearing, line painting, and so forth. Small-scale projects, primarily sign improvements, will be forwarded to the High Risk Rural Roads program as outlined in CEA#1, Strategy #1. Larger issues may require scoping by the RPC or other assistance.</p>
Time Frame	This strategy is a proposed FFY08 TPI task for the RPCs. Work will begin in October 2007. Report out on development of the process and results will be available summer 2008 and final report by September 2008.
Output	The “product” is a prioritized list of high crash locations on town highways at the municipal level, but perhaps more importantly, development of a viable <i>process</i> to create such information for local roads.
Data Needed	<p>Crash History / crash type</p> <p>Number of crashes</p> <p>Anecdotal reports of problem locations</p> <p>Speed limits and actual speeds on approaches to location</p> <p>AADT/turning movements</p> <p>Existing marking and signs</p>
Data Collection	<p>Existing VTrans crash data and traffic data</p> <p>Additional speed data through VTrans traffic count program</p> <p>RPC data collection: interview local/state law enforcement, emergency responders, VTrans District staff, local public works staff, citizens</p> <p>Attend a training session by AOT or VLR</p>
Performance Measure	Success in this case is determined by the establishment of an agreed-upon process for identifying and prioritizing crash locations on local roads
Funding	TPI program work task FFY08

¹ Note: the Infrastructure group expanded the scope of this strategy beyond intersections to address other needs on local highways such as curves.