

Task 2: Evaluate/Screen Countermeasures

Proven

Education

- Graduated Drivers Licensing
- Safety Belt Enforcement Campaigns
- DWI Checkpoints
- Street Lights at Rural Intersections

Enforcement

- Access Management
- Roadside Safety Initiatives
- Pave/Widen Shoulders
- Roundabouts
- Exclusive Left Turn Signal Phasing
- Shoulder Rumble Strips
- Improved Roadway Alignment

Engineering

- Cable Median Barrier
- Removing Unwarranted Traffic Signals
- Removing Trees in Hazardous Locations
- Pedestrian Crosswalks, Sidewalks, and refuge Islands
- Left Turn Lanes on Urban Arterial

Tried

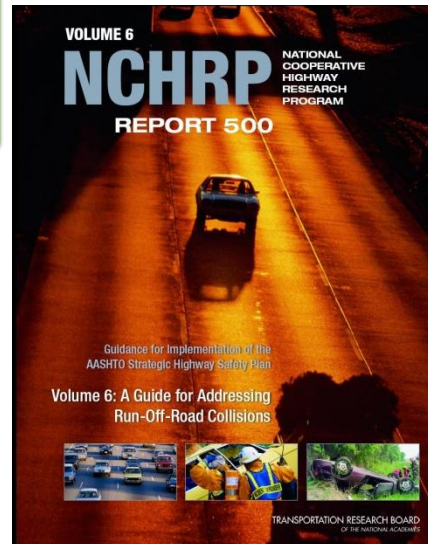
Engineering

- Rumble Strips (on the approach to intersections)
- Neighborhood Traffic Control (Traffic Calming)
- Overhead Red/Yellow Flashers
- Increased Levels of Intersection Traffic Control
- Indirect Left Turn Treatments
- Restricting Turning Maneuvers
- Pedestrian Signals
- Improve Traffic Control Devices on Minor Intersection Approaches

Experimental

Engineering

- Turn and Bypass Lanes at Rural Intersections
- Dynamic Warning Devices at Horizontal Curves
- Static/ Dynamic Gap Assistance Devices
- Delineating Trees in Hazardous Locations
- Marked Pedestrian Crosswalks at Unsignalized Intersections



Purpose

Evaluate and screen the initial list of strategies based on documented effectiveness of reducing the targeted crash types and consistency with the agency's policies, practices, and experiences.

Description

MnDOT used the NCHRP 500 reports provide an initial estimate of effectiveness with their classification of each strategy as Proven (effective), Tried or Experimental to narrow down the initial list of countermeasures.