

Low Cost Safety Improvements

Safety and Design Technical Services Team

PRODUCTS & SERVICES

Low Cost Safety Improvements (LCSI) are interim measures to capital construction at high crash locations. Recent highway safety research has identified a multitude of "low-cost" common traffic control devices practices which can reduce the incidence of crashes. Research has also quantified the safety benefit of "low-cost" best practices of enhanced application of traffic control devices.



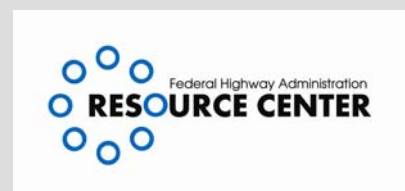
LCSI identifies improvements that can be applied to high crash locations with currently available signs, markings, and other traffic control devices.

The Resource Center Safety & Design TST team identifies and provides guidance with:

- Appropriate engineering countermeasures from crash patterns.
- Deficiencies in operation/design and countermeasures for roadside hazards.
- Deficiencies in safety performance of signing, markings, lighting, and countermeasures for these deficiencies.
- Deficiencies in operation/design of intersections and countermeasures.
- Deficiencies in operation/design of traffic signals and countermeasures.
- Deficiencies in operation/design of railroad grade crossings and countermeasures.

Transportation professionals seeking LCSI training or assistance may contact the Resource Center Safety & Design TST.

SAFETY AND DESIGN TECHNICAL SERVICES TEAM
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Workshops, Seminars and Courses

Low Cost Safety Improvements (NHI course 380076)

These low-cost best practices are presented in this one-day workshop. Emphasis is on the application of some 40+ traffic operations and highway improvement measures and their associated crash reduction factors. The instructor will present case studies which illustrate low-cost safety improvements put in place by states and local highway agencies.

Topics presented in the workshop include:

- Identification of high crash locations
- Low-cost remedies of roadside hazards,
- Crash-modification factors of low-cost traffic control devices
- Crash-modification factors of enhanced application of low-cost traffic control devices, for intersections, for traffic signals, and railroad grade crossings.

Each workshop participant receives a copy of the workshop manual for their application of these low cost safety improvements presented in the workshop.

Who should attend?

Federal, State, and local transportation, traffic and safety engineers, and planners involved in reducing crashes.

For more information contact:

Dean Larsen
Safety Engineer
Baltimore MD (410) 962-2372
dean.larsen@dot.gov

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www.fhwa.dot.gov/resourcecenter

Patrick Hasson, Team Leader
(708) 283-3595, patrick.hasson@dot.gov

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