



PRELIMINARY ALTERNATIVES

Spot Improvement Concepts: Signalized Intersection Improvements (One-Way Streets)



LEGEND

- Signalized Intersection
- Signalized Intersection Within Downtown Fire District (See Note)
- Two-Way Street
- One Way Streets

Note: Overhead structures cannot be installed at signalized intersections within the downtown fire district. Overhead signal indications and lane designation signs will not be allowed at these locations.

Potential Improvements at Signalized Intersections on One-Way Streets

Many signalized intersections along one-way streets have sideswipe crash trends. The main contributing factors to these trends are weaving on the approach to the intersection and vehicles attempting a turning movement from an incorrect lane. To address these concerns, WisDOT is considering the following improvements.

1 Reinforce lane assignments with lane designation marking and signing

Improve Signage and Markings

2 Improve signal visibility by installing one signal head over each lane

Improve Signal Visibility

7% Crash Reduction*

*Source: WisDOT Crash Modification Factor Table

3 Improve streetname signing to improve wayfinding and reduce sideswipe crashes

Improve Street Name Signing

10% Sideswipe Crash Reduction*

*Source: Crash Modification Factor Clearinghouse

