

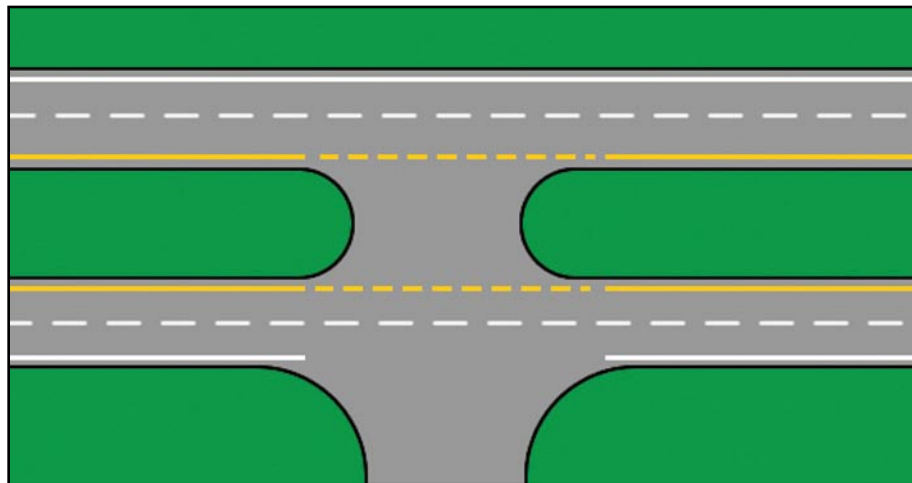
UNSIGNALIZED INTERSECTION SAFETY STRATEGIES



Provide Dashed Markings (Extended Left Edgelines) for Major-Road Continuity Across the Median Opening at Divided Highway Intersections

WHERE TO USE

Unsignalized intersections on divided highways. The strategy is particularly appropriate for intersections with patterns of rear-end, right-angle, or turning crashes related to lack of awareness by the driver on the minor road to the presence of the intersection.



DETAILS

Providing dashed markings (extended left edgelines) to define median roadway area at divided highway intersections can help distinguish the median area from the through roadway and, thus, enhance the ability of approaching drivers to be more aware of the presence of the intersection.

KEY TO SUCCESS

Select a combination of marking techniques appropriate to conditions on particular unsignalized intersection approaches on divided highways. This engineering judgment should, where possible, be accompanied by a human-factors assessment of marking needs.

Another key is the ability and commitment of the highway agency to maintain the markings adequately.



ISSUES

None identified.

TIME FRAME ●○○○

This strategy does not require a long development process and can typically be implemented in 3 months or less.

COSTS ●○○○

Costs to implement this strategy are nominal. An agency's maintenance costs may increase.

EFFECTIVENESS

TRIED: The effectiveness of this strategy in reducing crashes has not been satisfactorily quantified.

COMPATIBILITY

This strategy can be used in conjunction with most other strategies for improving safety at unsignalized intersections.

For more details on this and other countermeasures: <http://safety.transportation.org>

For more information contact:

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