

<b>Durand Avenue/S. Memorial Drive Intersection Alternatives</b>		
<b>Category</b>	<b>Upgraded Traffic Signal</b>	<b>Single-Lane Roundabout (Preferred Alternative)</b>
Potential Crash Reductions	Estimated 15% potential reduction in injury crashes*	Estimated 38% potential reduction in injury crashes**
Traffic Conflict Points (number of locations where vehicle paths converge)	32	8
New R/W Anticipated	0.27 acres	0.15 acres
Accommodates Large Semi-Trucks	Yes	Yes
Accommodates Pedestrians and Bicyclists	Yes	Yes
Anticipated Intersection Costs	Initial Construction: \$1,480,000 Annual Maintenance: \$6,250	Initial Construction: \$1,020,000 Annual Maintenance: \$3,400
Restrict Access at Hamilton Avenue and Capital Avenue	Yes (Raised Median on Durand Ave)	Yes (Raised Median on Durand Ave)

*Notes:*

*Analysis results are conceptual and subject to further refinement.*

*Right-of-way and costs are based on the Durand Avenue section from Packard Avenue to the east end of the project, including work on S. Memorial Drive.*

*\*Based on the American Association of State Highway and Transportation Officials' (AASHTO) Highway Safety Manual Crash Modification Factors (CMFs)*

*\*\*Based on University of Wisconsin TOPS Laboratory research.*