



The WisDOT Traffic Operations Infrastructure Plan (TOIP) complete document can be found at The University of Wisconsin Traffic Operations & Safety Laboratory website: <http://www.topslab.wisc.edu/workgroups/toip.html>. For more information on the TOIP contact the BHO Traffic Engineering Operations Section.

The Wisconsin Traffic Operations Infrastructure Plan, a long-range planning effort undertaken by the Bureau of Highway Operations, outlines Wisconsin's statewide traffic operations infrastructure needs and opportunities, culminating in a series of sketch technology recommendations and associated costs. To identify which proposed operational infrastructure deployments best serve the mobility and connectivity needs of Wisconsin, each of the 37 Connections 2030 Multimodal Corridors was evaluated. Based on the Deployment Density Class output, the corridors were then prioritized by need. The resulting top five corridors are defined as Priority Corridors. The next eight are defined as Emerging Priority Corridors. Collectively, they connect almost every major metro area in Wisconsin and encompass the most critical freight and tourism routes in the State. These Corridors are intended to be the focus of traffic operations infrastructure investment. Recommendations are broken out into the three subsections as indicated below.

Summary cost estimates

Planning level cost estimates were developed for all thirteen Priority and Emerging Priority Corridors. The estimates were developed by SRF, SEH and Jacobs in three functional areas: Traffic Management and Surveillance, Traveler Information, and Signal Systems. This section provides summary cost estimates for recommended operations infrastructure investment. Costs are presented in three distinct ways as requested by WisDOT:

- Total Costs
- Total Costs of Priority and Emerging Priority Corridors
- Total Cost by Technology layer

Detailed breakouts of each functional area's costs, along with assumptions and detailed maps, are presented in a series of three appendices provided to WisDOT.

Priority and emerging priority corridor summaries

This section presents traffic operations infrastructure deployment recommendations for Wisconsin's thirteen Priority and Emerging Priority Corridors. Corridor maps with roadway segment technology recommendations are displayed, along with accompanying text and key summary statistics. Only Priority and Emerging Priority Corridors are presented in this document. The final report features recommendations for all 37 statewide multimodal corridors.

Metro-node summaries and recommendations

This section presents traffic operations infrastructure recommendations by MPO regions around the state. These maps contain the same deployment recommendations as the corridors maps. They have, however, been summarized at the MPO level for most metro regions in Wisconsin.