



synectics
SAFETY SPECIALISTS

Highway 12 is a two-lane provincial highway connecting the Town of Whitby and the Town of Midland. Totten Sims Hubicki Associates (TSH) was retained by the Ontario Ministry of Transportation to develop a preliminary design for improvements to Highway 12. Current and projected operating deficiencies were to be addressed, and an environmental assessment undertaken. Safety was identified as a key design issue.



Synectics was retained by TSH to provide an independent evaluation of the safety implications of the proposed upgrading of Highway 12 from two to four lanes in the Region of Durham. The evaluation included a review of relevant safety literature, the operational performance and collision history of the existing roadway, and a critical review of the proposed design options from a safety perspective.