

Nelson Highway 3A Roadway Network Study/Safety Review
 Ministry of Transportation - City of Nelson - ICBC

PERSONNEL

Ken Gauthier, P.Eng, PTOE, Senior Transportation Engineer
 Blake Adams, Planning Technologist

Urban Systems Ltd. completed a planning and evaluation study on the mobility and safety performance of Highway 3A through the City of Nelson along with a review of the municipal major roadway network plan. Based upon existing conditions, the study considered current highway functionality and operations, an intersection and corridor mobility performance assessment, and a Provincial level safety assessment followed by an more detailed safety improvement economic analysis. Appropriate growth rates were developed and applied to the Highway 3A corridor in an effort to determine future performance at specified time horizons of +5 years and +20 years. Future mobility performance issues were noted along with municipal network deficiencies, and a mitigating strategy was developed. The mitigation strategy included the development of an implementation plan and cost sharing assumptions established for the three primary stakeholders; ICBC, the City of Nelson and the Ministry of Transportation.

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project
 Nelson Hwy 3A Roadway
 Network Study

services
 Transportation Planning
 Traffic Operations
 Traffic Safety Analysis

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