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## **Network Evaluation Signalized Intersection Study**

Toronto, Ontario

The City of Toronto's Traffic Safety Bureau (TSB) and Traffic Data Centre (TDC) solicited iTRANS to develop a proactive, formalized and quantitative network safety program for signalized intersections.

To achieve this, iTRANS staff developed electronic databases that included geometric data. Staff also verified collision and traffic volume data, provided a comprehensive set of Safety Performance Functions (SPF), and developed an automated tool that integrates the City's traffic and safety databases.

In addition, iTRANS staff trained City staff in statistical principles and diagnosis of countermeasures. This automated tool provided the City with a facility that updates the signalized intersection information database. Moreover, the tool is an interactive report-generating facility that City staff use to produce the City's Annual Traffic Report.



### **Client:**

- City of Toronto

### **Services:**

- Network Screening
- Training
- Software Development
- Database Management
- Statistical Modeling

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