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## **Prioritization of Central Region Interchanges and Ramps**

Ontario

Commissioned by the Ministry of Transportation of Ontario, iTRANS staff applied state-of-the-art research methods to develop and calibrate safety performance functions (SPFs) that assess the safety of interchange ramps and freeway mainline sections.

The functions integrated traffic volumes, collision data, interchange configurations, and ramp characteristics. In addition, the functions included an eight-year maintenance and construction history of the examined ramps and interchanges.

By applying the functions developed by iTRANS, Ministry of Transportation staff can now rank interchanges and individual ramps in terms of specific operational issues and potential for safety improvements.



### **Client:**

- Ministry of Transportation (Ontario)

### **Services:**

- Network Screening
- Software Development
- Database Management

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