



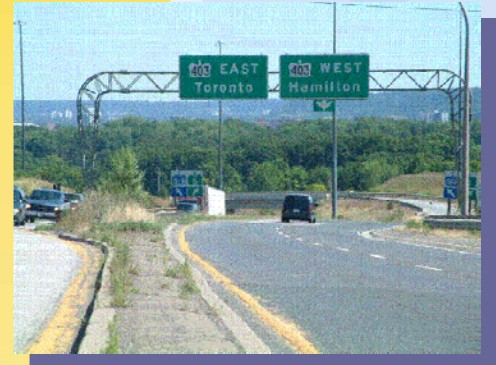
insight • integrity • innovation®

## Highway 6 and Plains Road West

Burlington, Ontario

The Ontario Ministry of Transportation undertook the Preliminary Design for the reconstruction of Highway 6 from Highway 403 to Highway 5, a distance of approximately 3 km. The Ministry commissioned iTRANS Consulting to develop an in-depth, independent review of the traffic and safety implications of an off-ramp in the vicinity of the Highway 403/Highway 6 interchange. iTRANS staff assessed the implications of constructing a new interchange approximately 1 km away. Staff then compared the preferred option of building only the new interchange with the option of constructing both an off-ramp and a new interchange.

The study included an analysis of collision data, an assessment of road geometry significances, an evaluation of signage and weaving (from a human factors perspective), a micro-simulation of traffic operations, and a review of alternative designs.



### Client:

- Ministry of Transportation (Ontario)

### Services:

- Peer Review
- Functional Design
- Traffic Safety

[www.itransconsulting.com](http://www.itransconsulting.com)

Vancouver • Calgary • Cambridge • Toronto • Ottawa • Washington DC