



*The preferred solution provides for the reconstruction of a two-lane rural road to a multilane urban roadway.*

## Mapleview Drive East – Class EA Phases 3 and 4, Bayview Drive to Yonge Street City of Barrie

In 2006, the City of Barrie retained the Ainley Group to undertake Phase 3 and 4 of the Municipal Class EA for improvements to Mapleview Drive between Bayview Drive and Yonge Street, a length of approximately 4.2 kilometres. This two lane, rural cross section road is a key transportation link within the City of Barrie and is experiencing significant traffic congestion during peak traffic periods. The preferred solution provides for a seven lane urban cross section from Bayview Road to Huronia Road and a five lane cross section from Huronia Road to Yonge Street.

Important aspects in the development of alternative solutions were accommodating the Lovers Creek drainage course and flood plain in the area between Huronia Road and Country Lane and the development of a grade separated crossing for the railway line between Huronia Road and Welham Road.

### Project Facts

**Client:** City of Barrie

#### Scope of Work:

- Complete Phase 3 and 4 Municipal Class Environmental Assessment (EA):
  - Develop alternative solutions to accommodate increasing traffic along this important transportation link
  - Liaison with LSRCAs, utilities and MTO
  - Develop alternatives for railway crossing between Huronia Road and Welham Road
  - Develop alternatives for the crossing of Lovers Creek.
- Prepare ESR

#### Key Design Criteria:

- Improve traffic capacity
- Maintain/improve streetscape
- Operational improvements
- Infrastructure upgrades
- Evaluate railway crossing
- Evaluate Lovers Creek water course crossing
- Accommodate proposed deep-trunk sanitary sewer.

**Estimated Capital Cost:** \$19,760,000  
(2007)

Completion of the ESR and the holding of a Public Information Meeting were developed from the existing Phase 1 and 2 EA study completed by the City of Barrie. The project was completed in August 2007.