



*The preferred solution provides for the reconstruction of a four-lane urban street to a seven-lane roadway.*

## 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 Anne Street
  - Liaison with LSRCA, utilities and MTO
  - Develop alternatives to consider future improvements by MTO for the replacement and widening of the Anne Street crossing of Hwy. 400
  - Consider alternative cross sections, lane and boulevard widths and their impact on property requirements.
- Prepare ESR

### Key Design Criteria:

- Improve traffic capacity
- Maintain/improve streetscape
- Intersection improvements.

**Estimated Capital Cost:** \$11,135,000 (2007)

## Anne Street – Phase 3 and 4 Municipal Class EA – Edgehill to Dunlop - City of Barrie

In 2005, the City of Barrie retained the Ainley Group to undertake Phase 3 and 4 of the Municipal Class EA for improvements to Anne Street between Edgehill Drive and Dunlop Street, a length of approximately 700 metres. This four-lane urban roadway is an important transportation link within the City of Barrie and is experiencing significant traffic congestion at the intersections. The preferred solution provides for a seven-lane urban cross section from Fairview Drive to Dunlop Street.

Important aspects in the development of alternative solutions were considerations of property requirements, minimizing impacts to Bunkers Creek and accommodating future improvements to the Anne Street crossing of Highway 400.

Consideration of alternative lane and boulevard widths required the balancing of property restrictions with traffic capacity and snow removal operations.

Alternatives considered included:

### Alternative 1:

“Do Nothing”

### Alternative 2:

Introduction of traffic-flow improvement measures such as basic operational improvements, Transportation Demand Management programs and traffic signal improvements

### Alternative 3:

Divert traffic to alternate corridors including establishing new Highway 400 crossing corridors

### Alternative 4:

Alternate transportation modes including public transportation and bicycles

### Alternative 5:

Modifications of roadway cross-section elements such as reduced lane and boulevard width.

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