

# New Province Homes - Residential Development

**Metrus Development Inc. retained LEA Consulting Ltd. to provide transportation planning and traffic engineering services for the development of their planned residential community of 1,400 homes, located in the Bronte Community of Oakville, east of Burloak Drive and south of the Queen Elizabeth Way.**

LEA Consulting Ltd. prepared a Traffic Impact Study, which addressed a number of Official Plan policies, including additional crossings of Twelve Mile Creek, widening of Burloak Drive and Rebecca Street, completion of a collector road through the subject lands, a grade-separation of the CN Rail/Burloak Drive crossing, and numerous road realignments and new traffic signal requirements.

Traffic analyses were undertaken based on phased future traffic projections for three (3) horizon years. Preparing accurate traffic forecasts were made more challenging by the planned opening of Highway 407 through Oakville and Burlington in fall 2001, the new Rebecca Street bridge (under-construction), and numerous road widenings.

A safety assessment of the CNR crossing on Burloak Drive was undertaken. Vehicle queue assessments of future traffic



conditions were undertaken. Recommendations included additional safety measures, such as vehicle queue loop detectors. Transit route planning and functional road design was also carried out in the Traffic Impact Study.

Significant opposition to the project by area residents was encountered. LEA prepared numerous presentations on traffic impacts and mitigation measures and attended numerous public meetings. LEA was successful obtaining the consent/approval of all agencies, stakeholders and residents prior to the project advancing to the Ontario Municipal Board.

## PROJECT SUMMARY

Client:  
**Metrus Development Inc.**

Location:  
**Oakville, Ontario, Canada**

Services Provided:  
**Transportation Planning and Traffic Engineering**