

The McMaster Institute for Transportation and Logistics: An Overview and Project Highlights

Dr. Mark Ferguson
McMaster Institute for Transportation & Logistics,
School of Geography & Earth Sciences

The McMaster Institute for Transportation and Logistics was formed in late 2007 at the request of local industry stakeholders and was founded with the three key focus areas: Research, Education and Outreach. This presentation will describe the recent history of MITL with an emphasis on some of our key recent research projects. Of the several projects that have been completed, we will focus on work carried out for the Liquor Control Board of Ontario (LCBO), the Federal Bridge Corporation and the Credit Valley Conservation Authority. The LCBO work will detail efforts to optimize their distribution network with a view to decreasing greenhouse gas emissions and reducing costs. The Federal Bridge work was premised on the fragile state of the critical Champlain Bridge link in Montreal. Traffic simulations and economic impact analysis were carried out to consider what would happen in Montreal if that bridge had to be partially or completely closed. Finally, the work for the Credit Valley was initiated on the basis of emergency preparedness and sought to determine the quantities and range of dangerous goods that cross the Credit Valley Watershed on a daily basis by road and by rail. In each case, overviews of the projects will be presented, as opposed to in-depth methodological procedures, and attention will be paid to some of the challenges and obstacles that were overcome in progressing these efforts to their conclusion.



McMASTER INSTITUTE FOR
**TRANSPORTATION
& LOGISTICS**

Wednesday November 30, 2011, 2:30 p.m.
General Science Building Room 330

School of
Geography &
Earth Sciences

