

## **“Best Green Practices”**

### **Hamilton Submission**



In an attempt to do our part to reduce photochemical smog and global warming, both of which impact the health of our environment and residents of Hamilton, the City of Hamilton recently entered into an agreement with iLOOKABOUT; a unique Canadian Technology firm. iLOOKABOUT collects, stores and delivers high resolution, digital still imagery over the web and onto the desk top of all municipal workers that require access to such visual information. The high resolution imagery takes staff from their desktop right into the space that they are working in at any location throughout our City. iLOOKABOUT's StreetScape data provides front facing views of every public street along with curbside views of every parcel of land, taking you out of your traditional ortho imagery from the sky right onto the street.

This application has not only saved the city money through increased productivity, it has provided much needed time to deliver value added services and has substantially decreased our city's carbon footprint. Complete and high quality roadside imaging of our entire region drastically reduces the frequency of site visits by city staff. Prior to access to the Streetscape image database, staff would immediately hit the road to gather firsthand knowledge of any given parcel of land or segment of road. As a result of the deployment of iLOOKABOUT technology we expect savings in excess of \$220,000 per year and roughly \$20,000 per year on mileage in the Public Works department alone.

These numbers translate into a reduction of over 22,000 kg worth of CO<sub>2</sub> greenhouse gas emissions into our atmosphere and over 10,000 litres of gasoline in one year. This carbon footprint is equal to the consumption and emissions of a journey around the Earth 1.4 times in a van.

With the extraordinary savings as a result of a license agreement with iLOOKABOUT yielding a ROI over 115% The City of Hamilton can further support the social, environmental and economic goals of our municipality. For example, our savings would support the planting of over 8,000 trees to further offset our carbon footprint. Additionally, over 3,500 hours of staff time saved a year that could be reallocated to further cost-saving and green initiatives.