
BACKGROUND

SMARTER CITY TECHNOLOGY AIDS ASSET MANAGEMENT IN CAMBRIDGE

Cambridge, Ontario. September 8, 2010... The City of Cambridge is using IBM Maximo software implemented by partner Createch to help manage its intelligent infrastructure, facilities and equipment for several key municipal services. These include operations and maintenance of water mains, sewer systems, drainage networks, roads and sidewalks, and staff deployment for winter storms, inflow monitoring, pipe inspection through closed-circuit television and traffic volume monitoring.

Specific City projects include:

Work Management: A new infrastructure management system so the City can effectively track repairs, resource utilization, and costs. This system ensures that repair and pro-active activities are monitored to ensure work is getting done and identify when resource and budget shortfalls need to be addressed. The records produced by the system support overall life-cycle planning activities and resource management.

Traffic Management: Traffic counts are conducted by instrumentation in the field and automatically loaded into the system along with collision records to do safety audits to help determine the need for changes in intersection design, speed limits, and traffic control. Traffic information is also automatically used to classify roads to prioritize repairs.

Mobile Computing: The City uses mobile applications for inspections to record observations, issues and defects. The mobile computing information automatically creates repair work orders, monitors the status of work orders and tracks a timeline of when the defect was first identified, its current status and the date of repair. Once the defect rates on assets reach certain threshold values, they are triggered for consideration of capital renewal or re-mediation.

Digital Infrastructure Management: Digital closed circuit television robot units crawl through sanitary and storm pipes to inspect structural and operational condition of pipe assets. The video and data is automatically loaded back into the system. Defects that need immediate attention generate a work order. Higher defect rates will trigger capital renewal/rehabilitation projects.

-30-

For additional information:

Director of Asset Management and Support Services
City of Cambridge
519-740-4682 x4302
hausserm@cambridge.ca

Carrie Bendzsa
Manager of External Communications
IBM Canada
613-796-3880
carrie.bendzsa@ca.ibm.com

Infrastructure Canada
613-948-1148

Linda Fegan, Director, Corporate Communications and
Marketing
519.740.4680 Ext. 4623
519.212.3409
feganl@cambridge.ca

About Cambridge

The City of Cambridge is one of the fastest growing areas in the country. It is strategically located astride highway 401 in Southwestern Ontario, part of Canada's Technology Triangle. In 2009, the population reached over 126,000 people. With a multicultural mix and a strong foundation of support services, Cambridge has a diverse economic base with leading industries in advanced manufacturing, automotive, high technology, pharmaceutical, business and financial services and hospitality/retail. The Corporation of the City of Cambridge is an employer with a progressive work environment that offers the opportunity to provide service to the community through creativity and innovation, and with opportunities for career growth and advancement.