



## **Better Practice Competition**

### **Summary of Competition Entry's 2010**

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#### **About the competition**

The Better Practices Competition is sponsored by the Ontario Roads Coalition. The Ontario Roads Coalition is a group of road professionals who meet regularly to assist municipalities in achieving excellence in service delivery by providing a forum for the standardization of indicators and measures of performance so that a municipal road manager can benchmark services and pursue best practices.

Championed by the Ontario Good Roads Association the Ontario Roads Coalition annually holds a competition to recognize and promote best practices in municipal transportation. The competition is divided into three categories: Innovative Service Delivery, Innovative Management Practices and Equipment Innovation. The competition is open to all employees of municipal transportation agencies in Ontario.

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**Category:**            **Innovative Service Delivery Practices**

**Municipality:**      **City of Windsor**

**Practice:**            **GPS Route Guidance and Spreader Control System**

#### **Benefits of Implementing the Practice**

- **Improved customer satisfaction**
- **Reduced fuel and material costs**
- **Reduces equipment and manpower time**

#### **Description of the Practice**

When you need to ensure that plow operators are on the right road, providing the correct level of services and applying de-icers and anti-icers at the correct rate of application this best practice may be the answer. The City of Windsor developed and implemented a GPS Route Guidance and Spreader Control system that takes the guess work out of winter maintenance by providing turn by turn route directions to the driver and automatically adjusts the spreader controls to apply

the correct application rate and spread width of materials to the road section. The new technology has reduced equipment and manpower time, saved money in fuel and material costs and improved customer satisfaction.

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### **Limitations on implementation**

The City of Windsor has a Public Works staff member available for the programming of the route guidance and spreader control technology. Municipalities considering this practice will need to determine how the programming will be completed, in-house or out sourced.

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### **Awards and/or recognition**

Better Practices Competition 2010 – Innovation Service Delivery Practices winner.

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### **Contact Information**

City of Windsor

Andrew Lewis, Contract Administrator

[alewis@city.windsor.on.ca](mailto:alewis@city.windsor.on.ca)

or

Roberta Harrison, Maintenance Supervisor

[roharrison@city.windsor.on.ca](mailto:roharrison@city.windsor.on.ca)