













Innovation in Winter Road Maintenance

June, 2018

ITS Canada

















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- Multiple Sensors/parameters
- Huge Solar Panel Requirements





The Solution

Reduced Sensor Count Reduced reporting requirement Low Power Use





The Solution

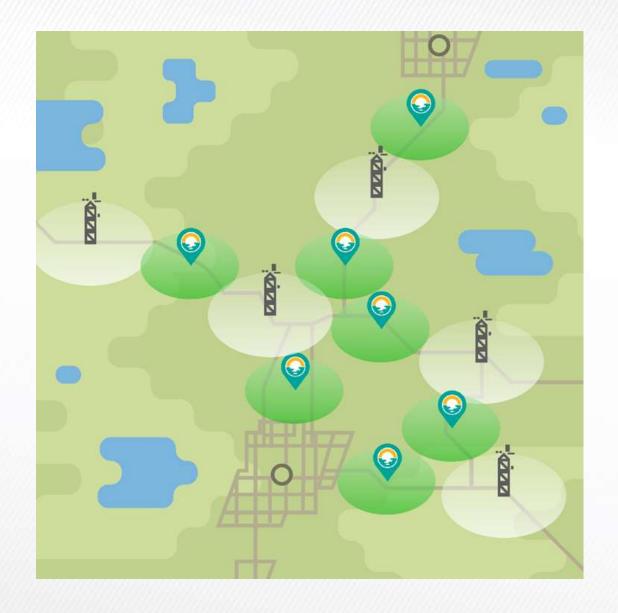
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The Solution

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Outcomes to date



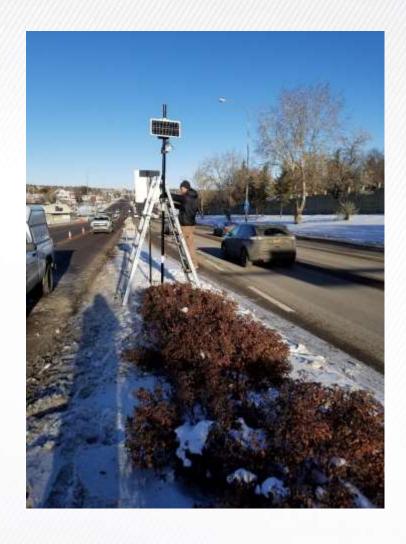
- 11 Stations Installed in Northern Ontario
- Operated successfully January through end of Winter
 - Test continues in winter 2018/19
 - 6 additional stations
- Additional sensors- Frost Probes for Season Load Adjustment



A Municipal Solution









A Municipal Solution





Applications



