



# The Town of Niagara-On-The-Lake

Operations  
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**Report:** OPS-18-011 **Committee Date:** April 09, 2018

**Due in Council:** April 16, 2018

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**Report To:** Operations Advisory Committee  
**Subject:** Federation of Canadian Municipalities Grant Opportunity

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## 1. RECOMMENDATION

It is respectfully recommended

- 1.1 That Council adopt a resolution at the April 16, 2018 Council meeting to authorize staff to submit an application for the Federation of Canadian Municipalities Municipal Asset Management Grant Program for a Road Needs Assessment.; and
- 1.2 That Council approve the potential expenditures of a Roads Needs Assessment to be funded from the Capital Reserve provided the grant application is successful.

## 2. PURPOSE / PROPOSAL

The purpose of this report is to seek approval from Council to apply for a grant from the Federation of Canadian Municipalities Municipal Asset Management Program.

## 3. BACKGROUND

The Federation of Canadian Municipalities Municipal Asset Management Program (MAMP) provides funding for projects that will help Canadian cities and communities of all sizes enhance their asset management practices. The Municipal Asset Management Program (MAMP) is a five-year, \$50-million program funded by Infrastructure Canada to support Canadian municipalities and communities in making informed infrastructure investment decisions based on stronger asset management practices. The program offers grant funding to support capacity building activities and increase skills within municipalities and local governments to sustainably maintain their asset management programs now and in the future. The Federation of Canadian Municipalities (FCM) provides funding for up to 80 per cent of total eligible project costs, to a maximum of \$50,000.

In August of 2017 Operations staff met with representatives of Local Authority Services (LAS)/Streetscan to discuss the Roads Assessment Service. LAS provides the data collection by using patented Sensing Technology with multiple sensors on a vehicle that records an optical 3D camera view of the roadway (surface distresses such as wheel ruts, cracks and pot holes), front and back-facing cameras capturing assets (i.e., sidewalks, curbs, light standards and signs) and electromagnetic (radar) waves (water

valves, maintenance covers). The system also uses GPS that can be integrated with any mapping system the Municipality currently uses.

#### **4. DISCUSSION / ANALYSIS**

The Town currently has a Roads Needs Study completed every five (5) years by an outside consultant. The scope of this report includes the condition rating of the Town's road assets, replacement costs and recommendations for improvement and costing of deficient assets. Data collection and road ratings are completed generally in accordance with the Ministry of Transportation Ontario (MTO) Inventory Manual for Municipal Roads from 1991 and conditions are evaluated during a field inspection. The next scheduled Roads Needs Study is to be completed in 2019. The information collected from a Roads Assessment Service will assist with the preparation of the future study.

#### **5. STRATEGIC PLAN**

N/A

#### **6. OPTIONS**

N/A

#### **7. FINANCIAL IMPLICATIONS**

A successful grant application will require the Town to contribute a minimum of \$12,500.00 toward receiving the maximum FCM MAMP Grant of \$50,000.00.

A cost estimate provided by LAS/StreetScan to conduct the Roads Assessment Project within the Town of Niagara-on-the-Lake is as follows -

DataCollection & Processing	\$ 55,932.00
Software & Imagery	\$ 7,782.00
Total Costs	\$ 63,714.00
Less Discount (5%)	\$ 3,186.00
FCM MAMP Grant	<u>\$ 50,000.00</u>
<b>Total Cost Net FCM Grant</b>	<b>\$ 10,528.00*</b>

\* - an estimate only. The final total cost will reflect the additional deliverables the Town may choose to include.

In discussions with the Town Treasurer, there is sufficient funding in the Capital Reserve to cover the expenditures from pursuing the Roads Assessment Project with LAS/StreetScan if the grant is successful.

#### **8. COMMUNICATIONS**

Upon notification of a successful Federation of Canadian Municipalities Municipal Asset Management Program (MAMP) grant staff will advise Council by way of an information report with exact final scope and cost. Town residents will be notified via the Town's website and social media platforms.

## 9. CONCLUSION

Operations staff has identified the Roads Assessment Project as a significant improvement over current road condition assessments and an opportunity to improve the accuracy of data underlying municipal assets which can be used to support annual roads maintenance programs, future Roads Needs Studies and Transportation Master Planning.

**Respectfully submitted,**



**Michael Komljenovic**  
**Engineering Supervisor**



**Jeffrey Vyse, C.S.T.**  
**Manager of Public Works**



**Sheldon Randall**  
**Director of Operations**



**Holly Dowd**  
**Chief Administrative Officer**

ATTACHMENTS

WEB ATTACHMENTS

ATTACHMENTS FOR LINK