



Update: Nova Scotia Asset Management Initiative

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Canadian Infrastructure Report Card

Almost 60% of Canada's core public infrastructure is owned and maintained by municipal governments

- *2016 Canadian Infrastructure Report Card*

<http://canadianinfrastructure.ca/en/index.html>

The Association of Consulting Engineers of Canada estimated in 2004 that 50% of public infrastructure will have reached the end of its service life by 2027

- *2012 Canadian Infrastructure Report Card*

[http://www.canadainfrastructure.ca/downloads/Canadian Infrastructure Report Card EN.pdf](http://www.canadainfrastructure.ca/downloads/Canadian_Infrastructure_Report_Card_EN.pdf)

NS Asset Management Approach

“Develop a Province-wide asset management strategy for municipal infrastructure.”

What That Means

- **Leverage similarities**
 - develop a **consistent methodology** for the capture, documentation, storage (collection) and assessment of infrastructure data.
- **Encourage inter-municipal collaboration and partnerships**
 - Cost efficiencies
 - Economies of scale
- **Increase capacity for implementation within small-medium size municipalities**
 - IT Resources
 - Methodology
 - Framework

Infrastructure Asset Management NS Working Group

- Partner with Municipalities to develop an Asset Management Strategy
- Provide leadership, direction and support for the development and implementation of a province-wide local government asset management strategy.
- Consider and identify funding for asset management tools, resources and projects



Key points – 2012 Canadian Infrastructure Report Card

“Municipalities lack financial, staff and time resources required to perform a thorough evaluation of their physical infrastructure”

Recommendations:

- 1) Document and store information retained by staff in a management system (spreadsheet, GIS/stand-alone database, or software application)
- 2) Develop governance structures, competencies, training strategies to support AM practices

Current Initiatives

Education and Training

- CNAM Conference 2016
- UNSM Spring Workshop 2016
- Articles/Reports via UNSM

Tools and Resources

- Template for data collection
- Data collection standards and processes
- Initiation and oversight of a Asset Inventory **pilot** project
- Province-wide Asset Registry

Asset Inventory Pilot Project

- Data collection and inventory
 - Collect asset data (type, location, material, age, elevation, etc.)
 - Condition assessments
- Opportunity to test templates and data collection tools and methodology
- Develop best practices and a framework which can be leveraged by other municipalities

Status:

- RFP Closed – anticipate awarding contact for Project Manager shortly
- Next stage – select pilot municipalities

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|--------------------------|---|
| Tender ID | WS51965171 |
| Description | Request for proposal for Asset Management Data Collection Pilot Project. |
| Tender Document | Tender & Additional Documents (.ZIP) |
| Addendum Document | Addendum Documents (.ZIP) |
| Department / Agency Name | Municipal Affairs |
| Closing | Closing on April-26-17 at 02:00 PM AST. Location: Dept. of Internal Services-Procurement, 1660 Hollis St. Suite 502 Halifax, Nova Scotia B3J 1V7 |
| Opening | Opening on April-26-17 at 02:00 PM AST. Location: same as close location |
| Posted | 06 April 2017 |

Future Steps (Post Pilot Projects)

- Evaluate information collected
 - Determine costs & models to support Municipal Data Collection
 - Aid in information input into Asset Registry
 - Continue to create Resources and Toolkits
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Focus Shift

- Creating AM Plans
- Capital Asset Replacement Best Practices
 - Replace / maintain / budgeting point-of-view
- Attention to Service Level decisions where applicable
- Governance / Policy / Planning

CAN-NS Gas Tax Administrative Agreement (2014-2024)

Nova Scotia Gas Tax Agreement, Asset Management Requirement:

- Require Municipalities to continue to submit a CIPs and AERs annually to encourage planning activities.
- Develop a Province-wide asset management strategy for municipal infrastructure.
- Report to Canada on progress made towards improving municipal planning and asset management on March 31, 2018 and 2023.



[Link: http://www.infrastructure.gc.ca/prog/agreements-ententes/gtf-fte/2014-ns-eng.html](http://www.infrastructure.gc.ca/prog/agreements-ententes/gtf-fte/2014-ns-eng.html)

Contact Information

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