



**Municipal Affairs and Environment
Municipal Capital Asset Management
March 29, 2017**

Agenda



- What Is Municipal Capital Asset Management (MCAM)?
- Why Do I need MCAM?
- Types of Municipal Assets
- MAE MCAM Framework
- Key Considerations
- Next Steps

What is Municipal Capital Asset Management?



- MCAM is the process of making the best possible decisions regarding the acquisition, operating, maintaining, renewing, replacing and disposing of infrastructure assets.
- MCAM usually involves a number of factors including:
 - Inventory of current assets
 - Descriptive information of municipal assets
 - Condition assessment of assets
 - Maintenance and operational information
 - Anticipated replacement schedule
 - Anticipated replacement costs
- The MCAM will help to guide decision-making by setting strategic priorities for infrastructure investment.

Why MCAM?



- Long-term planning helps to ensure the delivery of services to residents
- Supports sound financial decision-making in terms of maintenance and/or replacement of municipal assets
- Prioritizes infrastructure needs
- Provides information related to the current condition of assets and the long-term financial requirement for maintenance and replacement

Types of Municipal Assets



- Transportation Infrastructure
 - Roads
 - Bridges
- Water and Wastewater
 - Water treatment and distribution
 - Wastewater treatment and collection
 - Stormwater management
- Other Infrastructure
 - Municipal buildings
 - Municipal vehicles

MAE MCAM Framework



- MAE is working with a consultant to develop a preliminary framework to guide MCAM in the Province
- Provide basic templates to simplify MCAM
- Provide guidelines and data collection standards
- Encourage communities to develop asset management policies and strategies
- Support risk management assessment strategies to help prioritize investment

Key Considerations



- Appropriate level of MCAM complexity
- Minimize effort and staff demand
- Ability to analyze data at local and provincial levels
- Able to guide provincial and municipal investment

Recommendations (RV Anderson)



- Establish a reporting template (spreadsheet with option to replace with better solution)
 - Inventory
 - Valuation
 - Replacement Cost
 - Condition (life cycle)
 - Priority Rating
 - Investment Profile
- Provide guidance document for communities
- Provide education and training

Next Steps



- Consultant to finalize MCAM framework report
- MAE to evaluate report for implementation of the next phase
- Additional work likely to include:
 - Development of spreadsheet templates
 - Development of guidance documents
 - Create policy and strategy templates
 - Plan and deliver MCAM training