Municipal Infrastructure Asset Management Pilot Project

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Golnaz Azimi, M.Sc.
Community Infrastructure Consultant
Our Presentation

1. The “Why”
   - Community resilience: what is it?

2. The “How”
   - Role of Asset Management and Long Term Financial Plan
   - Sustainable Service Delivery
   - Common Challenges

3. The “Project”
   - Toolkit Development
   - Pilot Projects, Town of Elk Point and Village of Boyle

4. The “Process”
   - Partnership
   - Qualifications Based Selection
The “Why”
resilience

/ˈrɪzɪliəns/

noun

1. ability to recover from or adjust easily to misfortune or change.
Community Resilience = Preparation + Reaction
Community Resilience
The “How”
Preparation

- Social
- Natural
- Built
- Financial

Community Resilience

Long Term Financial Plans
“Long-term financial planning is the process of aligning financial capacity with long-term service objectives.”

— GFOA Long Term Financial Planning Best Practice
Long term service objectives

• Maintain level of service?
• Increase level of service?
• Provide additional services?

And, adapt to what the future brings...
Preparation

Asset Management Plans

Community Resilience

Social  Natural
Built  Financial
Asset Management Definitions

Definitions can be found in Best Practices. They are unique, but share some clear and important messages:

• Asset management is an ongoing process or approach, not a one-time project.
• Asset management is holistic and integrated.
• Asset management is about generating value and **sustainable service delivery**.
Sustainable Service Delivery

• Ensures that Current Community **Service Needs** are met
• Is **Delivered** in a Socially, Economically and Environmentally responsible manner
• Does not Compromise Ability of **Future Generations** to Meet their Needs.
• Considers **Community Priorities**
• Understanding the **Trade-offs** between Available **Resources** and Desired **Services**
Asset Management

The *process* of bringing together the skills and activities of *people*; with *information* about the community’s physical *infrastructure assets* and *financial resources* to ensure long term *sustainable service delivery*. 
Common challenges

• Don’t know where to start
• Lots of tools to choose from
• Lack of information
• Lack of resources – staff and time
• Lack of public awareness of cost of servicing
• Inadequate funding
• Needs of the past aren’t the needs of the future
  – Changing regulations
  – Changing weather patterns
  – Changing service expectations
Linking Needs and Affordability

- Social
- Natural
- Community Resilience
- Built
- Financial

Asset Management Plans ↔ Long Term Financial Plans
<table>
<thead>
<tr>
<th>AMP</th>
<th>LTFP</th>
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</thead>
<tbody>
<tr>
<td>• Risk: what is acceptable?</td>
<td>• Revenue generation</td>
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<tr>
<td>• Prioritize improvements</td>
<td>• Reduce costs</td>
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<tr>
<td>• Evaluate future needs</td>
<td>• Financial policies in place</td>
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The “Project”
Objectives

1. To Develop an Asset Management Toolkit that can be used by Alberta’s small municipalities.
   – Considers their unique constraints and opportunities
   – Is used as a framework for defining the scope and process of developing Asset Management Plans
   – Provides an approach to decision making and infrastructure planning, and pro-active investment in their communities.
Objectives

2. The Pilot Project: Town of Elk Point and Village of Boyle
   – Provides the communities with an Asset Management Investment Plan
The “Process”
Partnership

• Town of Elk Point and Village of Boyle
• Assistance from Consulting Engineers of Alberta (CEA)
• Grant funding provided by Alberta Municipal Affairs
• On-going communication with AUMA and AAMD&C
• Engaged Process with all stakeholders
Qualifications Based Selection

• CEA is promoting the use of QBS in procurement process.
• This project used the QBS in selecting the consultant (Urban Systems).
• Some benefits of the process are:
  – Ability to compare apples to apples in selection process
  – Collaborative process in scoping the project
  – Clarity on project scope and deliverables
  – Better understanding of risks
Questions?