Strengthening Organizational Adoption of Asset Management

Mike Thomas Peng ENV SP
City of Revelstoke
Asset Management

What is your organization like?
Asset Management

*What defines your team?*
Strengthening Organizational Adoption of Asset Management
“The council have announced that 75% of their ratepayers... will get a reduction in their [water and sewer] rates to the tune of $100 per year beginning in the 2017/18 financial year.

Council General Manager, Ken Gainger, said the opportunity for a rate reduction had come about through operational efficiencies and revised strategic planning targets due to better asset management planning.”

“Not so crappy: $100 reduction for ratepayers”
Sunshine Coast Daily December 2016.
Short Term Asset Management Goals

• Infrastructure-aware decision-making
• Informed staff and elected officials
• A realistic framework for determining service levels
• An asset management based budget process
Strengthening Organizational Adoption of Asset Management

- FCM Leadership In Asset Management Project
- Phase 1
  - Asset Management Policy
  - Strategic Asset Management Plan
- Phase 2
  - Develop Levels of Service Framework
Strategic Asset Management Plan
A Common Framework
Traditional Maintenance Management

Service Management (Interim)

Organizational Management (Planned)
Capital Planning
Capital Planning

Project Types

Rehab and Renewal
- re-roofing a building
- manhole repairs
- streetlight replacement

New and Major Upgrades
- new splash park
- widening a road to add bike lanes
- additional treatment capacity

Planning
- condition inspections
- asset mgmt plans
Asset Management Roles and Responsibilities
Common Decision-Making Process

1. Goals
2. Needs
3. Solutions
4. Priorities
5. Plans

Long-Term Affordability of Service

- Life cycle Asset Management - identify long-term renewal needs
- Asset Risk Management - identify short-term renewal needs
- Asset Intervention Strategies
- Project Prioritization (using decision criteria)
- Business Case Evaluation & Option Selection
- Annual Program, Budget and Business Plan

Customer LOS, Technical LOS

Short-term Impact to Service
Envision

Rehabilitation or Replacement Identified

Envision Project Process

New or Rehabilitated Sustainable Asset
The only thing worse than training your employees and having them leave is not training them and having them stay.

Henry Ford
A Culture of Innovation & Change
Mike Thomas P. ENG. ENV.

Director of Engineering and Public Works
City of Revelstoke, BC
mthomas@revelstoke.ca

Links:
- Revelstoke’s Strategic Asset Management Plan (August 2017)
- Envision Rating System