



City of Burnaby Asset Management Training

The Organization

The City of Burnaby is the third-largest city in British Columbia with a population of approximately 234,000 people.

The Challenge

The City was in the process of developing a suite of asset management plans (AMPs) in-house for its full range of asset classes and had engaged the services of a consultant to support City staff in this endeavour. The City recognized that staff required training on the standards governing AMPs and this would facilitate the successful completion of the overall AMP program.

The Solution

In 2015 David was engaged as part of an engineering team to prepare the course materials and to subsequently conduct "train-the-trainer" sessions so that City staff could educate their colleagues as the AMPs were rolled out across the City. The course covered the following elements of an asset management plan:

- Introduction – identification of data sources, stakeholders and alignment with the City's strategic documents.
- State of Infrastructure – physical condition, functional condition and demand condition of the assets with a hybrid of age-based and evidence-based condition

- Lifecycle Strategies – triggers and intervals for stewardship of the assets during the various lifecycle phases
- Risk Assessment – identification, analysis, evaluation and treatment of risks
- Levels of Service – key performance indicators, metrics and measures, including trend analysis and data sources
- Financial Management – opex and capex policies, long-range financial forecasting, infrastructure gap and strategies
- Implementation Plan – initiatives for the City's ongoing journey of improvement

The course also included a series of exercises to help the participants apply the concepts into practice.

The Outcome

The result of the training course and staff empowerment were presented at the Conference of the Canadian Network of Asset Managers (CNAM) in Halifax 2015.

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