



# Infrastructure and Facilities Asset Management

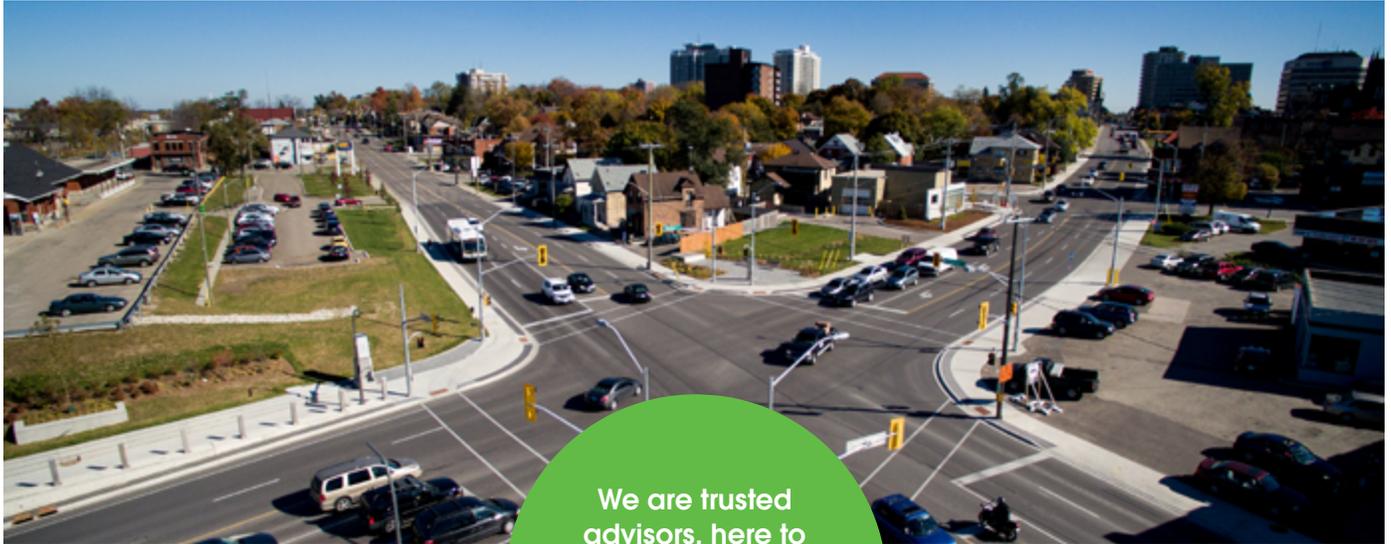
Stantec's Asset Management Solutions team has successfully provided infrastructure and facilities management consulting services across the globe. Stantec understands that public and private organizations are already managing their assets to provide services in their communities and to their customers. However, under financial pressures and fiscal constraints, many of these organizations have operated in a reactive mode, with limited capacity and resources to integrate their asset management activities between departments and structure their Asset Management activities into policies, strategies and plans. At Stantec, we believe that asset management is more than a report to satisfy regulatory requirements or funding eligibility criteria.

Dramatic increases in population over the past 50–60 years have put a strain on our communities' existing infrastructure. In many instances, the associated infrastructure to sustain these communities was built by the private sector to be assumed by the local municipality for future upkeep. As these assets move into the later stages of their life cycle, we see many of our communities faced with the ever increasing need to fund their rehabilitation and replacement in a reactive manner and at the cost of other community priorities.

**Asset Management is a journey that starts with the organization's commitment to provide value to its communities and customers through the effective and efficient use of infrastructure and facilities.**

Since 1978, Stantec has been an industry leader, providing infrastructure and facilities management services and turn-key solutions. Over the years we have witnessed, and been part of, an evolution in Asset Management best practices. As a result, Stantec is uniquely positioned as a full-service provider with respect to development of your Asset Management Program. Our team has been, and continues to be, at the forefront of Asset

Management services, developing and implementing integrated management systems that incorporate all key infrastructure components, including: roadways and bridges; urban and rural drainage and stormwater management; potable water supply; sanitary collection and treatment systems; above ground and underground utilities; and other right-of-way assets. We rely on the latest information technology offerings (such as mobile applications, Enterprise Resource Management (ERP) systems, NAMS, and GIS); however, AM represents much more than just the introduction of software solutions and the integration of business solutions. Stantec's advanced data collection equipment, coupled with proficiency in data processing and life cycle analytics allow us to conceive, develop, and realize an asset management vision specific to our clients' unique needs and requirements.



We are trusted advisors, here to help you navigate the journey towards sustainable, resilient service delivery.

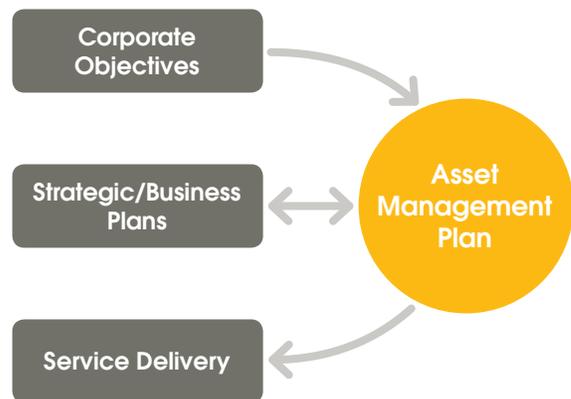
Asset Management is not just a technical undertaking, but it involves organizational change, broader awareness among organizational leadership, and education of residents and customers. Our team integrates these aspects into a full service offering to help our clients on their journey towards a new way of viewing and managing their assets.

### Solutions for your Organization

- PSAB 3150 Reporting and Asset Valuation
- Condition Assessment and Remaining Service Life Analysis
- Life Cycle Cost-Benefits-Risk Analysis
- Risk Assessment Frameworks and Risk Management Plans
- Extreme Weather and Climate Change Vulnerability Assessment and Adaptation Planning
- Asset Management Policy and Strategies
- Condition Assessments
- Asset and State-of-the-Infrastructure Report Cards
- Financial Gap Analysis, Financial Plans and Funding Options
- Decision-Support System Development, Implementation, and Training
- Data Collection Planning and Optimized Decision Making
- IT support and Solutions
- Organizational management
- Education and awareness on Asset Management

Our approach is firmly grounded in the asset management principles contained in recognized industry standards such as the International Infrastructure Management Manual (IIMM). Members of our team developed and participated in the production of Canada's *InfraGuide*, a Federation of Canadian Municipalities (FCM) and the National Research Council Canada (NRCC) initiative that produced 55 best practices aimed at helping municipalities manage their assets. Stantec is also working closely with the Federation of Canadian Municipalities (FCM) Asset Management and Climate program to help clients take advantage of new funding opportunities.

### Corporate Strategic Framework for Asset Management



### Connect with us

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