

# **Infrastructure Services**

## **2017 Budget Briefing Note**

### **Description**

Infrastructure Services is part of the Planning, Infrastructure and Economic Development (PIED) Department, a department that champions the city-building agenda – from planning and delivering growth activities and infrastructure, to managing our assets and investments, to fostering economic prosperity. Our mission is to deliver effective and efficient survey, mapping, utility coordination, design, construction, and asset management services ensuring safe, accessible and sustainable municipal infrastructure. Our vision is excellence in the provision of infrastructure services to enhance clients' satisfaction and to build a sustainable community.

### **Programs/Services Offered**

In addition to Infrastructure Services' most visible service, construction, there are two key priorities: Comprehensive Asset Management (CAM) Program focuses on defining the right projects needed to sustain the City's infrastructure and the Integrated Departmental Management Plan (IDMP) focused on doing the projects right. The following are services offered by Infrastructure Services:

#### **Asset Management:**

- Maintain the inventory of municipal infrastructure assets and undertake condition and performance assessments.
- Develop rehabilitation strategies and procedures. Develop long-range financial needs.
- Develop and coordinate annual renewal capital programs.
- Manage assets to accommodate growth in an efficient manner.
- Provide information related to infrastructure condition and performance, timing of renewal works and implementation of capital programs. Provide expertise on major structural projects.

**Business and Technical Services:**

- Coordinate with utilities and the agencies to manage the competing uses of the City's rights-of-way.
- Manage information centre for all municipal and private infrastructure located in the City's rights-of-way.
- Provide water and sewer permitting services for new infrastructure requests not related to a Development process or Building Permit and for City projects.
- Provide corporate legal survey and mapping services in support of city infrastructure projects.
- Provide geotechnical and environmental expertise on projects.
- Develop standards, guidelines and contract specifications, including the Accessibility Design Standards.
- Manage quality assurance testing on capital construction projects.
- Management of construction projects across Ottawa through Capital Construction Coordination (CCC).
- Coordinate the development and maintenance of Corporate and Departmental Business Plans.
- Plan and implement improved business processes, programs and tools for the department.
- Lead Departmental Strategic Planning. Align and monitor term of council service priorities within the Department.

**Design and Construction Services:**

- New and renewal of existing municipal infrastructure (roads, sidewalks, sewers, watermains, bridges, culverts).
- Renewal and new transit facilities (transitways/stations and associated structures, bus only lanes, park 'n' rides).
- Renewal and expansion/modifications of pumping stations, water reservoirs and elevated tanks, sewage and water treatment facilities, stormwater management facilities, solid waste facilities.
- Traffic and transit safety and operational improvements (intersection improvements, transit priority measures, etc.).
- New and renewal of City buildings, major renovations (administrative facilities, fire stations, paramedic facilities, libraries, long-term care facilities, pools/arenas/community centres).
- New and renewal of parks and associated elements.
- Coordinated approach to deliver major/high profile projects.
- New municipal infrastructure undertaken as local improvements.