

Operations Committee 2019 Outlook

Presented by:

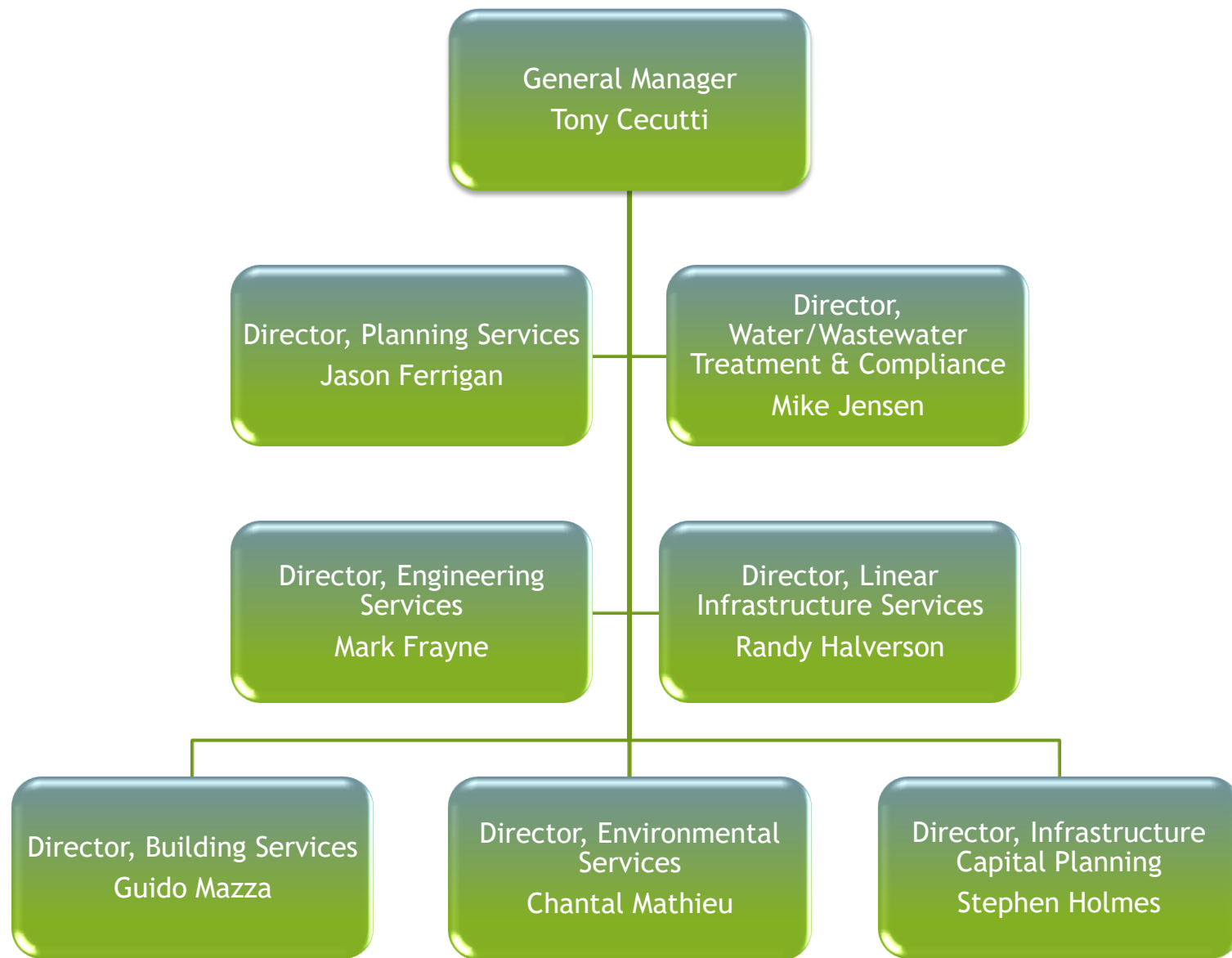
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Growth & Infrastructure, General Manager



Operations Committee Terms of Reference

- ▶ **Mandate:** To hear presentations and receive correspondence and reports from the Growth & Infrastructure Department, and shall make recommendations to Council on these matters
- ▶ **Primary Objectives:**
 - ▶ To hear community delegations and presentations on topics related to the provision of services by the Growth & Infrastructure Department;
 - ▶ To review proposals for new policies and for amendments to existing policies that pertain to the Growth & Infrastructure Department;
 - ▶ To conduct service level reviews, including proposed changes to existing service levels, or the introduction of new services or programs delivered by the Growth & Infrastructure Department; and
 - ▶ To study topics or issues referred to the Committee by Council resolution



Building Services Division

- ▶ Plans Examination, Permits and Approvals, Building Inspection
- ▶ Compliance with legislation to ensure the safety of residents, as well as the structural adequacy of construction undertaken in the City of Greater Sudbury
- ▶ Provincially-mandated administration and enforcement of the Ontario Building Code, the City of Greater Sudbury Zoning, Site Alteration, Property Standards, and Pool Enclosure by-laws
- ▶ Facilitates safe and cost effective development and foster economic development within the City of Greater Sudbury
- ▶ Stakeholder Outreach
 - ▶ Development Liaison Advisory Committee (DLAC)
 - ▶ Chamber of Commerce
 - ▶ Sudbury Real Estate Association
 - ▶ Sudbury Home Builders

Infrastructure Capital Planning Division

- ▶ Develop long term Master Plans, Capital Investment Plans, Asset Management Plans for roads, bridges, water and wastewater mains, water and wastewater facilities and drainage systems
- ▶ Work jointly with Engineering Services Project Team as sponsors in the execution of capital infrastructure projects
- ▶ Work jointly with Planning Services in the review of development applications
- ▶ Deliver transportation related programs, develop policies and initiatives to promote active transportation, and maintain traffic signalized intersections
- ▶ Issue permits related to driveways, oversize loads and utility locates
- ▶ Review departmental processes to identify service efficiencies through business intelligence and performance data analysis
- ▶ Maintenance and management of municipal drains

Engineering Services Division

- ▶ Responsible for the execution of Capital Projects
- ▶ Project Services manages projects, monitors progress and principle contact for all stakeholders during project delivery
- ▶ Design Services prepares preliminary and final plans, cost estimates, drawings and specifications, and manages tender process
- ▶ Construction Services performs quality assurance inspections and testing services during project delivery. Provides first point of contact for residents and businesses. Performs field surveys, coordinates testing, and performs locate services
- ▶ Internal Services to City departments related to street information

Environmental Services Division

- ▶ Performs Waste Collection (Garbage, Blue Box, Green Cart, Leaf And Yard) with City and Contractor Services
- ▶ Manages Waste Diversion Practices and Operations - Recycling Facility, Household Hazardous Waste, Educational Programs and Outreach, and Local Business programs
- ▶ Manages Waste Disposal - landfill sites, composting facilities, and leachate gas system
- ▶ Manages 25 solid waste management facilities with a Provincial Compliance Approval (ECA)

Water and Wastewater Treatment and Compliance Division

- ▶ Operates and maintains all Drinking Water, Wastewater, and Stormwater Treatment Systems
- ▶ Drinking Water Treatment Plants, Wells, Reservoirs and Pumping Stations
- ▶ Wastewater Treatment Plants, Sewage Lift Stations, Forcemains, BioSolids Remediation, Septage Receiving and Recreational Vehicle Disposal
- ▶ Stormwater Treatment Facilities
- ▶ Compliance Services including by-law enforcement of Water and Wastewater Related Codes, and Source Protection Plan
- ▶ Maintenance Planning, Sampling, Testing and Monitoring Department Performance
- ▶ Water Meter Shop and Customer Services

Linear Infrastructure Division

- ▶ Operates and maintains all linear systems including roadways, bridges, sidewalks, storm water systems, forestry, traffic and safety devices, water distribution and sanitary sewer collection systems.
- ▶ Comprised of two sections:
 - ▶ Roads Maintenance
 - ▶ Distribution and Collection Maintenance

Linear Infrastructure Division

- ▶ Roads Maintenance includes programs such as:
 - ▶ Roadway snow plowing/sanding/salting
 - ▶ Sidewalk snow plowing/sanding
 - ▶ Bus stop snow removal
 - ▶ Snow removal
 - ▶ Pothole patching
 - ▶ Street sweeping
 - ▶ Storm water system maintenance
 - ▶ Gravel road grading
 - ▶ Gravel resurfacing

Linear Infrastructure Division

- ▶ Water Distribution and Sanitary Sewer Collection Maintenance includes programs such as;
 - ▶ Emergency water main repairs
 - ▶ Emergency sewer main repairs
 - ▶ Frozen water services
 - ▶ Hydrant testing and maintenance
 - ▶ After hour public works response (Trouble Investigation)
 - ▶ Sanitary sewer main flushing
 - ▶ Valve exercising and maintenance
 - ▶ Leak detection

Boards & Advisory Panels

- ▶ Solid Waste Advisory Panel - function as Council's public liaison committee on current solid waste management issues. The primary objective is to increase waste diversion and recycling efforts. The role of members is to review and exchange solid waste information.

Department 2019 High Level Objectives

- ▶ Subwatershed Plans
- ▶ Revised Sign by-Law
- ▶ Reduced Garbage Bag Limit
- ▶ Maley Drive and MR35 Construction
- ▶ Complete Streets Manual to Commence
- ▶ Long Term Financial Plan Updates - Water, Wastewater, Stormwater, Roads
- ▶ Linear Infrastructure Operations Review

2019 Outlook - Q1 Major Reports

- ▶ Overview of Capital Projects
- ▶ Winter Control Variance report

2019 Outlook - Q2 Major Reports

- ▶ 2018 Capital Project Achievements and 2019 Plans
- ▶ Program Update - Automated Water Meters
- ▶ Program Update - Pedestrian Crossovers, and Road Safety
- ▶ Project Update - Paris-Notre Dame Bikeway Design
- ▶ Program Update - Bike Parking
- ▶ Program Update - Traffic Calming
- ▶ Winter Control Variance Report
- ▶ Project Update - Nickel Lift Station and Forcemain
- ▶ Project Update - Land Management Information System
- ▶ Sign By-Law
- ▶ 2019 Solid Waste Communication Plan

2019 Outlook - Q3 Major Reports

- ▶ Mid-year Capital Project Status
- ▶ Project Update - Draft Terms of Reference for the Solid Waste Master Plan
- ▶ Program Update - Construction & Demolition Material Recycling Site
- ▶ Project Update - Paris-Notre Dame Bikeway Design
- ▶ Project Update - Gatchell Outfall Sewer
- ▶ Project Update - Chelmsford Wastewater Plant Upgrade
- ▶ Program Update - Sanitary Sewer Service Warranty
- ▶ Project Update - Sudbury Wastewater Treatment Plant
- ▶ Subwatershed Studies
- ▶ Parking Restriction Policy

2019 Outlook - Q4 Major Reports

- ▶ Program Update - Organic Waste Processing
- ▶ Program Update - Large Furniture & Appliances Disposal
- ▶ Active Transportation Annual Report
- ▶ Project Update - General Well Rehabilitation and Upgrades
- ▶ Project Update - Lively/Walden Sewers Phase 2
- ▶ Project Update - Garson Wells

2019 Capital Project Outlook

Project selection is prioritized based on asset management principals in consideration of asset conditions, asset life cycle, and coordination of asset classes (i.e roads, watermains and sewers).

2019 Infrastructure Capital Planning Budget

- ▶ Roads and Bridges - \$50.5 mil
- ▶ Drainage - \$2.3 mil
- ▶ Water Linear and Plants - \$21.5 mil
- ▶ Wastewater Linear and Plants - \$18.4 mil

2019 Capital Project Outlook

Major Construction Projects

Roads - approximately \$76.8 mil

- MR 35 - \$40 mil (approximately \$15 mil in 2019)
- Maley Drive - \$25 mil
- Arterials (2018 Carryover and 2019) - \$12.2 mil
- Roads with Water and Sewer - \$4.7 mil
- Surface Treatment - \$4.3 mil
- Large Asphalt Patches - \$5.2 mil
- Other Road Projects (local roads, sidewalk, cycling, pxo, etc.) - \$5.4 mil

Bridges and Culverts - \$15.0 mil

- Junction Creek Bridge at Douglas and Brady - \$3.0 mil
- CNR Overpass on Falconbridge Hwy (south of Maley) - \$3.0 mil
- Various culverts - \$3.0 mil
- Allan Street Bridge (Coniston) - \$1.5 mil
- Frappier Road Bridge (Val Caron) - \$1.5 mil

2019 Capital Project Outlook

Major Construction Projects (cont'd)

Drainage - \$7.5 mil

- Paquette Whitson Drain - \$7 mil

Water and Wastewater Linear - \$17.4 mil

- Water and Sewer with Roads - \$6.2 mil
(Dean Av, St. Brendan St/St. Nicholas St, Fairburn St, O'Neil Drive E)
- Maley Drive watermain - \$2.8 mil
- Barry Downe and Westmount watermain lining - \$1.5 mil

Water and Wastewater Facilities - \$29.3 mil

- St. Charles Lift Station - \$12.5 mil
- Sudbury Wastewater Treatment Plant - \$6.2 mil
- Levesque Lift Station - \$3.0 mil
- Valley Well Upgrades - \$3.3 mil

Role of the Operations Committee

- ▶ Feedback on 2019 work plan outline
- ▶ Policy development
- ▶ Ear to the ground
- ▶ Setting guideposts for staff and advisory panels
- ▶ More time for in depth discussion than at Council

Questions?