



2020 to 2023 Business Plan

Service: Traffic Control & Street Lights

\$0.21

Cost per day for the average rate payer (2020 to 2023)

2.48%

Percentage of the 2020 to 2023 City of London Net Property Tax Supported Budget

Who we are:

- The City provides pedestrian/vehicular traffic control, appropriate lighting, signage and pavement markings.

What we do:

- Traffic Control and Street Lights contributes towards the safe and effective mobility needs of drivers and pedestrians.

Why we do it:

- **Mandatory** - Section 44(1) of the Municipal Act establishes the City's responsibility to keep highways or bridges under its jurisdiction "in a state of repair that is reasonable in the circumstances". Minimum service levels for street lighting and traffic controls are established by a variety of legislation and regulations, Ontario Regulation 239/02 (establishes inspection and repair/replacement requirements for traffic signs); Ontario Traffic Manuals and the Highway Traffic Act.

The following table provides an overview of the budget for this service:

Budget Summary (\$000's)	2020	2021	2022	2023	2020 to 2023 TOTAL
Gross Operating Expenditures	\$17,955	\$19,182	\$19,246	\$19,167	\$75,550
Other Revenues	-\$1,284	-\$2,300	-\$2,177	-\$1,944	-\$7,705
Net Tax Levy Supported Operating Budget	\$16,671	\$16,882	\$17,069	\$17,223	\$67,845
Total Capital Expenditures	\$9,106	\$9,493	\$9,704	\$9,992	\$38,295
Full-Time Equivalents (FTE's)	32.2	32.2	32.2	32.2	N/A

Reflects 2020 - 2023 Council Approved Budget - January 12, 2021.

The following section provides an overview of the key activities the service plans to undertake from 2020 to 2023 to implement the Corporation's 2019 to 2023 Strategic Plan, as well as an overview of the risks and challenges the service is anticipated to experience during this period:

Service Highlights 2020 to 2023

- Development of the Connected and Autonomous Vehicle (CAV) Strategy.
- Implementation of the Transportation Intelligent Mobility Management System (TIMMS).
- Amendments to the Street Light Local Improvement Program.
- Improving safety for all modes of travel with the implementation of the Automated Speed Enforcement (ASE) Program, subject to Council approval.

Risks and Challenges Anticipated in 2020 to 2023

- CAV is new and quickly evolving technology. The strategy will need to be flexible as the technology matures.
- Approval of the various contracts required to implement TIMMS.
- Coordination of TIMMS components that are within other projects.
- Managing travel time expectations.
- Community support for the installation of street lights in currently unlit areas is required for this project to be successful.

The service directly supports the following components of the Corporation's 2019 to 2023 Strategic Plan:

Building a Sustainable City

Londoners can move around the City safely and easily in a manner that meets their needs.

Expected Result: Increase access to transportation options.

Strategy:

- Develop a strategic plan for a future with connected and autonomous vehicles. (BSC-28)

Metric	2019	2020	2021	2022	2023
100% completion of the strategic plan.	50%	50%	0%	0%	0%

Expected Result: Manage congestion and travel times.

Strategy:

- Continue to improve the traffic signal system for the benefit of all road users.(BSC-34)

Metric	2019	2020	2021	2022	2023
5% reduction in the afternoon peak Travel Time Index (ratio of off-peak to peak travel times on busy roads).	1%	2%	3%	4%	5%

Expected Result: Improve the quality of pedestrian environments to support healthy and active lifestyles.

Strategy:

- Increase pedestrian amenities on streets. (BSC-39)

	2019	2020	2021	2022	2023
\$480,000 made available for cost-sharing neighbourhood street lighting projects.	\$0	\$120,000	\$120,000	\$120,000	\$120,000
% decrease in neighbourhood streets without streetlights.	0	0.5%	1.0%	1.5%	2.1%

Other reference information:

- [Civic Works Committee, October 24, 2017, Intelligent Transportation System – Appointment of Consulting Engineer](#)
- [Civic Works Committee, May 28, 2018, Connected and Autonomous Vehicles Technology Strategy](#)
- [Civic Works Committee, February 20, 2019, Street Light Local Improvement Process](#)
- [Strategic Priorities and Policy Committee, March 25, 2019, Investing in Canada Infrastructure Program - Public Transit Stream - Transportation Projects for Submission](#)

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