

Description

Sunderland Town Hall Restoration: Rose Window, Main Entrance, and Balcony Door Upgrades





Constructed in 1906, Sunderland Town Hall required significant exterior upgrades to realize meaningful energy savings and address aging infrastructure. The restoration included the replacement of the iconic 13-piece custom wood-frame stained glass Rose Window, which spanned 9 feet 6 inches and had deteriorated to the point of structural risk due to prolonged exposure to the elements.

Additionally, both the custom-engraved double front doors and the balcony door were replaced to improve energy efficiency and restore the building's architectural integrity. The total investment for these three critical retrofits was approximately \$280,000.

Description

LED Lighting Upgrades: Retrofit Installations at Four Community Facilities

LED retrofit light fixtures were installed in four Township facilities:

-  Beaverton Library – 73 fixtures
-  Cannington Library – 81 fixtures
-  Dench Animal Shelter – 51 fixtures
-  Manilla Hall – 37 fixtures

A typical LED has an operational span of 250,000 hours per diode which will create a longer lifespan for these units. These fixtures have been adjusted to suitable lumens and kelvin settings based on the application to reduce glare and potential of migraines.

The Township looks forward to understanding cost savings after completion of a full year with these upgrades.

Progress to Date

- The Rose Window, Custom Front Door and Balcony were separate projects, but completed in Summer 2024.
- The net effect of the projects, not only focused on energy efficiencies but in preserving architectural heritage.

Long-term Vision and Sustainability Commitment

This project aligns with the Township's desire to achieve energy efficiencies and reduce greenhouse gas emissions, while maintaining architectural heritage style. It is expected that the Rose window will have a lifespan of another 100 years if properly maintained.

Desired Outcomes

The LED retrofit project for the four facilities was another step in converting all township facilities to LED lighting to achieve energy efficiency and reduce GHG.

Progress to Date

The LED retrofit project for the four facilities was carried out in Spring/Summer 2025 and the project is complete.

Long-term Vision and Sustainability Commitment

This project is part of the township's ongoing annual LED retrofit program, aiming to convert all facilities to more efficient LED lighting.

Sunderland Town Hall's Old Rose Window



The New Rose Window



Sunderland Town Hall's New Front Door

