



2022 CAPITAL BUDGET OVERVIEW

Lambton Shores has an extensive capital program proposed for 2022. This overview highlights the planned projects and outlines staff's approach to developing the capital program for each respective area.

The Capital Budget has 3 components with each under a separate tab in the binder. The first section "Capital Budget Project Listing" provides a summary of the projects with a brief description, costs and source of funding.

The 10-year capital forecast is presented under the tab "Capital Detail Schedules". The 10-year capital plan shows planned capital maintenance, rehabilitation, and replacement of the Municipality's existing assets as they are funded from the appropriate lifecycle reserve. This is reflective of the Asset Management Plan and Policy approved by Council in 2019.

Tax Supported Projects

The Tax Supported capital projects are funded from designated lifecycle Reserve Funds which are established through an annual allocation in the Operating Budget.

Rolling Stock

This section of the capital program funds the replacement and purchase of fleet vehicles and equipment. Replacement is planned around the normal life expectancy of a particular piece of equipment, and the annual plan is adjusted based on field inspections of equipment to determine actual need for replacement. The intent of the replacement program is to ensure that equipment is safe for use by municipal staff, and to replace equipment from the Rolling Stock Reserve Fund.

Emergency Services

The capital program includes the implementation of the Fire Master Plan recommendations which results in Arkona acquiring a new squad truck, Northville pumper replacement with a pumper/tanker/rescue and command vehicles for the new positions.

Transportation

Purchase of a new Pickup Truck for the Drainage Superintendent position. As many drains are not accessible by regular travelled roads a suitable vehicle is required for this position to properly perform their job functions

Purchase of a new bucket truck to replace the current lift unit. A bucket truck will provide much better level of service for operations and utilization than the current vertical lift.

Lifecylcle replacement of two utility trailers

Lifecycle replacement of existing Skidsteer utilized in Grand Bend for Beach maintenance

Recreation and Leisure Services

Lifecycle replacement of the existing ice resurfacers at the Legacy Recreation Centre

Equipment

Equipment is also replaced to ensure safety and efficient operations. The equipment is funded from the Equipment Replacement Reserve Fund.

Information Technology

This section of the capital program funds technology related items purchased to assist with the day to day operations such as computers, software, printers, and network devices. We rely extensively on the technology in place and it is in our best interest to continue to support it. These capital purchases are funded from the IT capital reserve fund.

Fire Services

Equipment is replaced to ensure safety and efficient and standardization of operations. In 2022 this includes bunker and breathing gear, radios, infrared camera, extrication equipment and small equipment replacements.

Transportation

The budget includes an annual allocation for small equipment purchases and replacement utilized in day to day operations as well as a lifecycle replacement of a boom flail mower.

Recreation

The budget includes \$25,000 to replace the existing PA system at the Grand Bend Beach and extend the system to the North Beach for enhanced communication with beach patrons.

Funds have been included to continue to support Lambton Shores Policy 072 Seasonal Decorations Christmas. The budget includes \$20,000 which is offset by \$10,000 in contributions from community groups, in accordance with the policy.

Land Improvements

Recreation & Leisure Services

This section of the capital program funds capital maintenance and lifecycle projects for the Lambton Shores' inventory of recreation related facilities including: arenas, harbours, community centres, libraries, and parks, as well as all associated apparatus. Projects are considered and prioritized based on the results of various inspections that are completed by staff throughout the calendar year (playground, facilities, etc.) to

ensure the safe use of Lambton Shores' assets by the public. All planned expenses are funded from Reserve Funds: Facilities or Land Improvements. Some of the major capital work planned for 2022 includes the following:

Grand Bend Beach Walkway Stone Replacement: \$25,000 – this is a lifecycle upgrade to replace existing damaged paver stones with concrete. The project will continue to be budgeted for in small increments until all paver stones have been replaced by concrete.

Arkona Community Centre Park Improvements: \$165,000 offset by a grant application to the Canada Community Revitalization Fund for \$123,750. The improvements include the addition of shade sails and the development of a multi-purpose hard surface court to replace the existing basketball court. The status of the application is still unknown.

Port Franks Marina Dock Replacements: \$20,600 – this is a continuous lifecycle improvement to replace docks as needed.

Facilities

Fire

Both the Grand Bend and Forest fire halls require driveway repairs.

Recreation and Leisure

Funds have been included to complete lifecycle improvements for LED lighting at the Shores Recreation Centre and new windows and doors at the Arkona Community Centre.

Transportation Infrastructure

Road Reconstruction and Resurfacing, Bridge and Culvert, Sidewalk and Walkways and Streetlight projects are funded from the Transportation Reserve. Lambton Shores also incorporates the Gas Tax Funding we receive in to the Roads program.

Road Reconstruction and Surface Treatment

When developing the annual capital road repair listing the following criteria from Policy #73 are applied:

1. Consideration is given to the highest priority road repairs first, and those that have been identified as a safety concern in the needs study;
2. Consideration is given to planning a road rehabilitation at the same time as a critical infrastructure upgrade (water, sewer, storm sewer);
3. Consideration is given to projects that are identified as priority items in any other engineering report, study, or memorandum.

The 2022 budget continues with the surface treatment as per Policy #73. The 2022 operating budget includes a Roads Needs Study update in which road reconstruction methodologies will be reviewed in coordination with prioritization updates for all Municipal roads.

Reconstruction Projects for 2022 include:

- Ravenswood Line (Phase 2 funding – Entire Project tender closes late January 2022)

Resurfacing Projects for 2022 include Klondyke Road and West Bosanquest Subdivisions including Lakeview Haven, Glendale, Vance Drive, and Cedar Cove for a total of \$553,000

Sidewalks and Walkways

This section of the capital program funds maintenance upgrades to existing sidewalks, and funds the construction of new hard surface pathways. An annual allocation is dedicated to replacement of existing sidewalks, and staff completed a springtime inspection of all sidewalk areas to prioritize replacement areas based on the standards established in the Community Services “Sidewalk Inspection, Repair, and Replacement Policy”. The 2022 budget includes \$100,000 to support this program. An expansion of the Ipperwash Trail System to extend Centre Ipperwash roadside paved Shoulder to Highway 21 is also included in 2022 and partially funded from Development Charges.

Bridge and Culvert

This section of the capital program funds rehabilitation to Lambton Shores’ inventory of bridges and culverts. O. Reg 278/06 requires that qualifying bridges and culverts must be inspected every other year by a professional engineer to the standards of the *Ontario Structure Inspection Manual (OSIM)*.

The 2022 Capital Budget includes funds for the start of the Ontario Street Bridge Widening project which is planned to start construction in the Fall of 2022.

Streetlights

This section of the capital program funds maintenance upgrades to existing streetlights and traffic lights, as well as the installation of lights at new locations for safety purposes. Projects in this area are considered on an “as-required” basis with consideration given to field inspections completed by the municipality’s lighting contractors. The 2022 budget also includes \$100,000 for LED retrofitting of existing decorative lights.

User Rate Supported Projects

Funding of water and wastewater projects is provided from two Reserve Funds which are established as part of our rate reviews. The General Reserve Fund supports various miscellaneous projects and the Lifecycle Reserve Fund provides for the asset replacement related costs.

Water

This section of the capital program funds replacement and upgrade investments to drinking water related infrastructure. “Horizontal” infrastructure, such as watermains, is replaced in coordination with road resurfacing projects on an age and/or condition related basis. “Vertical” infrastructure, such as pump stations and water towers, is assessed on a regular basis and replacements/improvements are made on aged and/or obsolete equipment. Projects included in this year’s budget as follows:

- Water Meter Changeout program
- Bulk Water Stations Rehabilitations (Forest and Northville)
- Arkona Water Tower Maintenance

Wastewater

This section of the capital program funds replacement and upgrade investments to sanitary servicing related infrastructure. The majority of “horizontal” infrastructure in Lambton Shores, such as gravity sewers and forcemains, is not yet old enough to require replacement. As such, most horizontal sanitary infrastructure capital work is completed on an as-needed basis in the form of repairs during road and watermain reconstruction projects. “Vertical” infrastructure, such as pump stations and wastewater treatment plants, is assessed on a regular basis and replacements/improvements are made on aged and/or obsolete equipment. Projects included in this year’s budget as follows:

- Arkona Sewage Treatment Plant Sand Filter Replacements (Engineering)
- Forest Sewage Treatment Plant Process Equipment (Engineering)
- Indian Hills Pump Station Electrical Panel Replacement