

CAPITAL FUND – 2026 Capital Projects

Capital Projects By Year	2024	2024	2024	2025	2025	2026	2027	2028	Note
	Budget (\$000's)	Actuals (\$000's)	CarryForward (\$000's)	Budget (\$000's)	Forecast (\$000's)	Budget (\$000's)	Budget (\$000's)	Budget (\$000's)	
Accessibility Audit and Implementation	-	351	991	-	157	220	300	-	
Aquatic Centre	3,588	31,452	2,965	-	2,965	-	-	-	
Arbour Development Study	25	-	68	-	-	-	-	-	
Asset Management System Development and Implementation	430	433	701	-	316	126	-	-	
Budget Management	-	-	25	-	-	-	-	-	
Cemetery Expansion	-	-	-	-	-	323	-	-	
City Hall Retrofit	300	82	377	300	-	-	-	-	
Climate Action Plan	100	41	238	-	100	-	-	2,000	
Community Services Land Fund Projects	-	-	1,666	-	-	-	-	-	
Curling Club Upgrades	-	719	-	-	5	-	-	-	
Development & Building Permit System	-	-	56	-	56	-	-	-	
Emergency Radio Infrastructure Renewal	450	-	450	-	450	-	-	-	
Emergency Response Plan - Solid Waste Management	-	-	-	-	-	150	-	-	
Fiddler's Lake Treatment System	150	56	295	-	-	-	-	-	
Fieldhouse Floor Cover	300	593	36	-	-	-	-	-	
Fire Hall Equipment	58	75	51	77	100	58	58	58	
Fire Hall Expansion/Renovation	4,449	329	8,214	2,309	22	-	-	-	
Fleet Management	2,097	1,223	4,437	2,314	6,751	2,703	2,789	1,055	
Fuel Tank Replacement - Community Arena and City Hall	-	-	-	100	75	1,074	-	-	
Great Slave Lake Monitoring Program	80	242	-	250	75	100	-	-	
Hagel Crescent Park Development	-	-	-	-	-	270	-	-	
Housing Accelerator Fund (HAF)	-	84	-	1,740	202	1,657	1,634	-	
Hydrogeological Study and Groundwater Analysis	-	-	-	-	-	41	101	-	
Information Technology Infrastructure Renewal	440	253	187	295	482	560	440	360	
Lagoon Sludge Removal	2,800	73	7,735	-	-	-	-	-	
Landfill Gas Assessment	-	-	-	-	-	50	25	-	
Land Fund Capital Projects	2,200	32	4,869	-	1,500	-	500	500	
Land Surveying (Commissioners)	-	-	600	-	-	-	-	-	
Landfill Leachate Retention & Treatment	-	-	250	-	-	-	-	-	

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Lift Station #1 Replacement	500	313	3,576	15,900	15,900	12,900	19,724	2,600	
Multiplex Cooler Replacement	-	-	-	675	572	-	-	-	
New Landfill / Landfill Expansion	2,160	80	2,382	4,500	9,281	-	-	-	
Park Development	305	79	269	-	9	560	-	-	
Park Equipment Replacement	490	262	126	170	296	240	1,151	620	
Patching Program	338	381	110	349	459	370	400	430	
Paving Program	-	724	1,989	200	2,189	885	-	-	
Paving Program - ICIP	-	148	94	-	117	-	-	-	
Ruth Inch Memorial Pool Repurposing - Phase One	-	76	-	-	-	-	2,500	2,500	
Sampling Station Improvements	-	-	-	-	-	50	-	-	
Site Restoration/Landfill Closure	75	-	75	-	-	-	-	-	
Snowblower	-	-	-	-	-	350	-	-	
Solid Waste Management Plan Implementation	50	-	50	-	-	-	-	-	
Stormwater Receiving Study	-	-	-	50	-	-	50	-	
Submarine Water Supply Line Replacement	-	107	2,400	-	75	-	-	1,000	
Technology Investments	-	-	-	-	-	1,500	1,500	1,500	
Tennis Court Resurfacing	-	-	-	-	-	100	200	-	
Traffic Light Upgrades	70	59	32	80	112	1,935	-	-	
Transfer Station and Cell Access Improvement	-	-	99	-	-	-	-	-	
Transportation Plan	-	-	-	300	150	958	958	-	
Water License - Solid Waste Management	150	277	-	225	67	-	-	-	
Water & Sewer Replacement - Paving - ICIP	-	381	-	-	-	-	-	-	
Water & Sewer Infrastructure Replacement	100	281	-	6,800	6,800	-	-	-	
Water & Sewer Replacement - Paving	-	-	-	600	225	2,475	-	500	
Water Treatment Plan Flocculant Study and Implementation	111	30	-	300	300	-	-	-	
Website Modernization	-	-	-	-	72	-	-	-	
Weigh Out Station at the Solid Waste Facility	1,650	194	1,456	-	1,456	-	-	-	
Wildfire Preparation	-	-	-	-	-	740	807	807	
Wildfire Protection Equipment	-	-	-	-	-	250	-	-	
Total Capital Projects	23,466	39,430	46,869	37,534	51,336	30,645	33,137	13,930	



CAPITAL FUND – 2026 Capital Projects

Capital Projects By Funding	2026 Budget (\$000's)	Canada		Community		Mobile Equipment		User Fees (\$000's)	Land Fund (\$000's)
		Formula Funding (\$000's)	Community- Building Fund (\$000's)	Other Grants (\$000's)	Public Infrastructure (\$000's)	IT Reserve (\$000's)	Replacement Reserve (\$000's)		
Accessibility Implementation	220	-	-	-	(220)	-	-	-	-
Asset Management System Development and Implementation	126	-	-	-	(126)	-	-	-	-
Cemetery Expansion	323	-	-	-	(323)	-	-	-	-
Emergency Response Plan - Solid Waste Management	150	(150)	-	-	-	-	-	-	-
Fire Hall Equipment	58	-	-	-	(58)	-	-	-	-
Fleet Management	2,703	-	-	-	-	-	(2,703)	-	-
Fuel Tank Replacement - Community Arena and City Hall	1,074	-	-	-	(1,074)	-	-	-	-
Great Slave Lake Monitoring Program	100	-	-	-	-	-	-	(100)	-
Hagel Crescent Park Development	270	-	-	-	-	-	-	-	(270)
Housing Accelerator Fund (HAF)	1,657	-	-	(1,657)	-	-	-	-	-
Hydrogeological Study and Groundwater Analysis	41	-	-	-	-	-	-	(41)	-
Information Technology Infrastructure Renewal	560	-	-	-	-	(560)	-	-	-
Landfill Gas Assessment	50	-	(50)	-	-	-	-	-	-
Lift Station #1 Replacement	12,900	-	-	(9,675)	-	-	-	(3,225)	-
Park Development	560	-	-	-	(560)	-	-	-	-
Park Equipment Replacement	240	-	-	(80)	(160)	-	-	-	-
Patching Program	370	-	(370)	-	-	-	-	-	-
Paving Program	885	-	(885)	-	-	-	-	-	-
Ruth Inch Memorial Pool Repurposing - Phase One	-	-	-	-	-	-	-	-	-
Sampling Station Improvements	50	-	-	-	-	-	-	(50)	-
Snowblower	350	-	-	-	(350)	-	-	-	-
Technology Investments	1,500	(204)	-	-	(1,296)	-	-	-	-
Tennis Court Resurfacing	100	-	-	-	(100)	-	-	-	-
Traffic Light Upgrades	1,935	-	-	-	(1,935)	-	-	-	-
Transportation Plan	958	-	-	(718)	(240)	-	-	-	-
Water & Sewer Replacement - Paving	2,475	-	(1,938)	-	(537)	-	-	-	-
Wildfire Preparation	740	-	-	(740)	-	-	-	-	-
Wildfire Protection Equipment	250	(250)	-	-	-	-	-	-	-
Total Capital Projects	30,645	(604)	(3,243)	(12,870)	(6,979)	(560)	(2,703)	(3,416)	(270)

CAPITAL FUND – 2026 Capital Projects

Department Project	Community Services Accessibility Implementation	Division	Parks	
		Budget		
		2026	2027	2028
		\$	\$	\$
Expenditures		220,000	300,000	
Funding				
	Community Public Infrastructure Funding	220,000	300,000	
	Total Funding	220,000	300,000	

Purpose Description

The Accessibility Audit of the City's Facilities, Trails, Parks and Playgrounds identified key areas where barrier removal is required. A prioritized implementation strategy was developed and approved by Council, to ensure the City moves towards full accessibility in these key areas. The City continues to implement accessibility improvements.

Project Details

The Accessibility Audit findings, originally advanced by City Council in the 2017 Budget continues to be implemented. The scope included auditing the City's facilities and infrastructure, specifically the structural design of facilities as well as their functional usability based on accessibility needs of individuals with a wide range of challenges including mobility, visual, hearing, cognitive and sensory disabilities. The audit identified a number of projects for a variety of facilities that will assist Council in achieving their Community and Corporate Vision of an inclusive City and move towards a community that ensures a high quality of life for all, including future generations. The audit identified the need for approximately \$5,000,000 worth of work to be completed over a ten-year period to strategically remove barriers using a priority-based approach.

Plans for 2026 and 2027 include:

- Installing accessible parking pads, multipurpose courts, picnic tables and benches at a variety of parks;
- Developing accessible basketball courts and playgrounds with accessible amenities;
- Continue upgrading facility components such as accessible door openers, lighting and exit signs;
- Additional playgrounds with accessible amenities;
- Developing accessible wayfinding signage;
- Adding accessible parking spaces and curbing; and
- Continuing the development of accessible paths, benches, and tables at playgrounds and parks.



CAPITAL FUND – 2026 Capital Projects

Department Community Services Division Parks
Project Accessibility Implementation

The drivers for this project are to increase the City's level of service in an efficient way, possibly increase revenue due to additional user groups being able to use the areas, ensure that we are using the best practices for the industry for operation and accessibility compliance to reduce risk and increase community trust and reduce our health and safety and operational risks.

Operational Impact

City Facilities will become more accessible by improving functional usability for more residents. Incremental playgrounds, trails and pads will require ongoing repairs and maintenance.

CAPITAL FUND – 2026 Capital Projects

Department Project Corporate Services
Asset Management System Development and Implementation **Division** Asset Management & GIS

		Budget		
		2026	2027	2028
		\$	\$	\$
Expenditures		125,802		
Funding				
	Community Public Infrastructure Funding	125,802		
	Total Funding	125,802		

Purpose

To develop City-wide asset management best practices that help ensure the sustainable delivery of services through responsible management of the City's assets.

Project Details

Work is ongoing to collate asset information, develop asset management plans across all City assets and to enhance those completed with validated asset and non-asset strategies. This work will include conducting critical, valuation and condition assessments, update asset registry with new information, develop and implement service-based asset management plans, develop and implement an overall enterprise investment management framework, establish investments plans and develop and implement a customized competency framework.

Operational Impact

While additional operating resources will be required to implement and sustain more structured asset management practices, properly maintained and managed assets will contribute to overall lower life-cycle costs and longer-serving assets, resulting in efficiencies and cost savings.



CAPITAL FUND – 2026 Capital Projects

Department	Community Services	Division	Parks
Project	Cemetery Expansion		

		Budget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	323,000		
	Funding			
	Community Public Infrastructure Funding	323,000		
	Total Funding	323,000		

Purpose	Description
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Expansion of the Lakeview Cemetery through development of new sections to accommodate an additional 200 burial plots.

Project Details

The Lakeview Cemetery is nearing capacity for burials, requiring additional sections to be developed. The cemetery will be expanded beginning inside the fenced area, ultimately expanding outside of the current enclosure. The expansion will include a new access road, fencing, landscaping and watering option. The expansion looks to add 200 plots to meet demand for burials. The existing plots are reaching capacity, and many have been pre-purchased for future use.

Preparing identified areas for expansion will allow the City to expand the current cemetery in a logical and efficient manner. It is expected the expansion will address the needs for burial plots for eight years.

Operational Impact

Expansion of the existing cemetery anticipates some increases in operations and maintenance costs.

CAPITAL FUND – 2026 Capital Projects

Department Public Works & Engineering **Division** Solid Waste
Project Emergency Response Plan - Solid Waste Management

		Budget		
		2026	2027	2028
		\$	\$	\$
Expenditures		150,000		
Funding				
	Formula Funding	150,000		
	Total Funding	150,000		

Description

Purpose

To prepare an Emergency Response Plan for the Solid Waste Facility required under the water license.

Project Details

An Emergency Response Plan for the Solid Waste Facility will be prepared to include safety procedures and recommendations on best practices and future investments required to ensure any emergency at the Solid Waste Facility is efficiently addressed. Plan will include consultation on-site work for analysis and update of the existing 2007 Emergency Response Plan. Work also includes assessment of high risk and high likelihood scenarios and response procedures, as well as recommendations on future capital and operational investments to prevent and respond to landfill fires.

Operational Impact

Potential operating costs will be linked to the project's proposed recommendations, including employee training and specialized equipment requirements.



CAPITAL FUND – 2026 Capital Projects

Department Public Safety
Project Fire Hall Equipment

Division Fire

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	58,000	58,000	58,000
Funding			
Community Public Infrastructure Funding	58,000	58,000	58,000
<i>Total Funding</i>	58,000	58,000	58,000

Description

Purpose

To maintain the preparedness and response capacity for an all hazards approach to meet the Council approved level of service, key functional and reliable equipment is required to protect the safety of our residents and staff. Stewardship of physical resources is a core principle of public safety.

Project Details

Equipment for emergency services is maintained and replaced based on best practices for ownership and recommended manufacturer replacement time frames.

In 2026, the Fire Division equipment asset and equipment replacement schedule includes the replacement of pneumatic airbags for rescue, and the start of the group replacement of semi-automated external defibrillators (AED). Yellowknife Fire Division (YKFD) provides a council approved level of service for emergency medical services (EMS) to the basic life support service level. EMS implements semi-automatic external defibrillation (AED) by primary care paramedics in the delivery of critical lifesaving interventions. These devices are designed to analyze the heart and provide an electrical stimulus (shock) to the heart during cardiac arrest, and/or provide cardiac monitoring in conjunction with symptom relief drug administration.

Operational Impact

No changes to operating costs or cost of ownership anticipated through the replacement of the semi-automated external defibrillator equipment.

CAPITAL FUND – 2026 Capital Projects

Department Project	Public Works & Engineering Fleet Management	Division	City Garage	
Budget				
		2026	2027	2028
		\$	\$	\$
Expenditures		2,703,149	2,789,306	1,054,990
Funding				
	Reserves	2,703,149	2,789,306	1,054,990
	<i>Total Funding</i>	2,703,149	2,789,306	1,054,990

Description

Purpose

To continue replacing and redeploying fleet units according to the City of Yellowknife's Fleet Management practices.

Project Details

The reliability of the City's fleet equipment must be maintained to meet the service levels required. The City has a fleet of 128 pieces of heavy-duty and mobile equipment that support Fire and Ambulance, Road Maintenance, Water and Sewer Maintenance, Solid Waste, Parks, Arenas and Administrative functions, as well as 26 stationary engines for emergency power generation and fire pumping capacity. The current replacement value of the City's fleet is \$25.8 million.

Fleet management practices allow the City to maximize life cycle and properly budget and plan the replacement of all fleet vehicles on a regular basis. These policies and practices help to mitigate risk and repair costs associated with aged vehicles. As vehicles and equipment get older, the operation and maintenance costs of those vehicles increase, with limited resources available for maintenance and repairs. These vehicles should be replaced on a scheduled basis to reduce downtime due to repairs or failures, which could negatively affect the delivery of City services such as snow removal or water/sewer repairs.

Fleet Management practices allow the City to properly budget and plan the replacement of all fleet vehicles on a regular basis. These policies and practices help to mitigate risk and repair costs associated with aged vehicles. As vehicles and equipment get older, the operation and maintenance costs of those vehicles increase, with limited resources available for maintenance and repairs. These vehicles should be replaced on a scheduled basis to reduce downtime due to repairs or failures, which could negatively affect the delivery of City services such as snow removal or water and sewer repairs.

Operational Impact

The Fleet Management practices identify older equipment requiring high levels of operations and maintenance and prioritize replacement. Overseeing the condition, lifespan and usage of equipment in the fleet is key to mitigating risk and repair costs.



CAPITAL FUND – 2026 Capital Projects

Department Community Services **Division** Facilities
Project Fuel Tank Replacement – Community Arena and City Hall

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	1,074,000		
Funding			
Reserves	1,074,000		
<i>Total Funding</i>	1,074,000		

Description

Purpose
 The removal and replacement of underground fuel tanks at the Community Arena and City Hall.

Project Details

The engineering and environmental assessment completed in 2025 determined the underground fuel tanks at the Community Arena and City Hall required removal and replacement. Replacement of the fuel tanks will be completed in summer construction season to ensure all heating requirements for the facilities are not impacted.

Operational Impact

The replacement of the fuel tanks will not impact the operations and maintenance expenditures.

CAPITAL FUND – 2026 Capital Projects

Department Project Public Works & Engineering
Great Slave Lake Monitoring Program

Division Environmental & Regulatory

		Budget		
		2026	2027	2028
		\$	\$	\$
Expenditures		100,000		
Funding				
	User Fees	100,000		
	Total Funding	100,000		

Purpose

The City's water licence requires numerous studies and plans to be completed prior to the expiry of the licence in 2037.

Project Details

The Great Slave Lake Monitoring Program consists of three main activities:

1. Investigation of the effluent plume extents in Great Slave Lake,
2. Design of the Monitoring Plan, and
3. Implementation of the Monitoring Plan and Reporting.

The City is currently completing the first activity, investigation of the effluent plume, in order to determine how best to meet the requirements of the Great Slave Lake Monitoring Program Design Plan. This is a multi-year project requiring a significant amount of data and studies to meet the requirements of the City's water licence.

Operational Impact

The operational impact is currently unknown and will depend heavily on the recommendations outlined in the program study. These recommendations may include additional equipment, additional sampling requirements, and increased in annual operating costs.



CAPITAL FUND – 2026 Capital Projects

Department Community Services **Division** Parks
Project Hagel Crescent Park Development

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	270,000		
Funding			
Land Development Fund	270,000		
<i>Total Funding</i>	270,000		

Description

Purpose
 To design and install an outdoor playground in the Niven Lake, Hagel Crescent new development.

Project Details

Project includes groundwork, design and installation of a new playground including safety surfacing on Hagel Crescent. The new playground is added as part of the development plan for the community. The playground will have an anticipated lifespan of 20 years and will be funded through the Land Fund as committed to in development plans for the area.

Operational Impact

Operations and maintenance impacts will include ground maintenance, garbage pickup and ongoing upkeep.

CAPITAL FUND – 2026 Capital Projects

Department Project Planning & Development
Housing Accelerator Fund (HAF) **Division** Planning & Environment (HAF)

	Budget		
	2026	2027	2028
	\$	\$	\$
Expenditures			
Infill	277,355	273,473	
Density	142,122	140,204	
Disposal	337,841	333,274	
Development Process	543,069	535,728	
Development Incentives and Disincentives	173,675	171,329	
Parking Revision	94,748	93,469	
Affordable Housing	88,190	87,000	
<i>Total Expenditures</i>	1,657,000	1,634,477	
Funding			
Other Grants	1,657,000	1,634,477	
<i>Total Funding</i>	1,657,000	1,634,477	

Purpose	Description
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The City of Yellowknife was successful in securing Federal funding through Canada Mortgage and Housing Corporation to fund the development of affordable, inclusive, equitable and climate-resilient housing. The Housing Accelerator Fund (HAF) includes incentive funding, provided to assist the City in removing barriers and to encourage local initiatives to build more homes faster.

Incentive funding is to be used for prescribed uses, which fall under 4 categories:

1. Investments in Housing Accelerator Fund Action Plans
2. Investments in Affordable Housing
3. Investments in Housing-Related Infrastructure
4. Investments in Community-Related Infrastructure that Supports Housing



CAPITAL FUND – 2026 Capital Projects

Department Planning & Development
Project Housing Accelerator Fund (HAF)

Division Planning & Environment (HAF)

Project Details

An Action Plan was submitted by the City of Yellowknife and forms the basis of the programs to be completed from December 2023 to December 2027. The programs include the following and are required as outlined in the Agreement:

- Housing Needs Assessment
- Infill (Infill Development Promotion and Engagement)
- Density (Allowing increased housing density – units, height)
- Disposal (of City Owned Land Assets)
- Development Process (Implementing a streamlined development process)
- Development Incentives and Disincentives
- Revised Parking Requirements

Additional items approved, however not specifically funded under Housing Accelerator Fund:

- Infrastructure Planning
- Climate Mitigation and Adaptation

The Planning and Development Department will dedicate priority to these items over the next four years. The City of Yellowknife land development areas that fall within the scope of infill and density include: Burwash Drive and Con Road, School Draw Avenue, Niven Drive, Taylor Road, Gitzel Road and Niven Phase 8.

Operational Impact

Agreement signed in December 2023 for expenditures and funding to 2027.

CAPITAL FUND – 2026 Capital Projects

Department Project Public Works & Engineering
Hydrogeological Study and Groundwater Analysis

Division Environmental & Regulatory

		Budget		
		2026	2027	2028
		\$	\$	\$
Expenditures		41,000	101,000	
Funding				
	Canada Community-Building Fund		101,000	
	User Fees	41,000		
	Total Funding	41,000	101,000	

Purpose Description

The City's water license requires a Groundwater Monitoring Plan for the Solid Waste Facility by May 1, 2027.

Project Details

The project includes completion of a hydrogeological study of the existing and planned extend of the Solid Waste Disposal Facility and completion of a groundwater trend analysis report. The study and analysis will require extensive annual sampling and analysis of the results. The findings from these projects will update the Groundwater Monitoring Plan moving forward to adhere to the water license requirements.

Operational Impact

The project will have ongoing operational expenses to adhere to the water license requirements.



CAPITAL FUND – 2026 Capital Projects

Department	Corporate Services	Division	Information Technology
Project	Information Technology Infrastructure Renewal		

Without timely upgrades, the City risks increased system failures, reduced performance, higher support costs, and potential impacts on public health and safety. Maintaining infrastructure through scheduled replacements also supports legislative compliance, data security, and disaster recovery readiness, while maximizing service uptime across all departments.



CAPITAL FUND – 2026 Capital Projects

Department	Public Works & Engineering	Division	Environmental & Regulatory
Project	Landfill Gas Assessment		

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	50,000	25,000	
Funding			
Canada Community-Building Fund	50,000	25,000	
<i>Total Funding</i>	50,000	25,000	

	Description
Purpose	
	To undergo a Landfill Gas Assessment at the Solid Waste Facility required under the water license.

	Description
Project Details	
	A Landfill Gas Assessment will be undertaken to analyze, sample and report on findings of landfill gases at the Solid Waste Facility. Findings will be used to form recommendations incorporated into the Solid Waste Facility design, operations and closure plans including relevant timelines and procedures. The Landfill Gas Assessment will be undertaken over multiple years to follow industry standards and meet the requirements of the water license.

	Description
Operational Impact	
	The results of the Landfill Gas Assessment is likely to cause an increase in operational budget and monitoring requirements during and post closure of areas of the landfill.

CAPITAL FUND – 2026 Capital Projects

Department Public Works & Engineering **Division** Water & Sewer
Project Lift Station #1 Replacement

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	12,900,000	19,724,000	2,600,000
Funding			
Other Grants	9,675,000	16,635,000	1,950,000
Community Public Infrastructure Funding			650,000
User Fees	3,225,000	3,089,000	
<i>Total Funding</i>	12,900,000	19,724,000	2,600,000

Purpose	Description
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To continue the multi-year construction of the new lift station on the corner of Franklin Avenue and School Draw Avenue to replace existing Lift Station #1.

Project Details

Lift Station #1 (LS1), constructed in 1967, is the oldest of 14 lift stations in the City of Yellowknife (City). The lift station is located near the intersection of School Draw Avenue and Franklin Avenue. The station’s catchment area in 1967 consisted of the downtown area and areas east of downtown. Lift Station #7 (LS7) was constructed in 1984 to serve the downtown area, thereby reducing the catchment area for LS1 to the areas east of downtown. LS1 also receives septage hauling from Old Town, Latham Island, and N'Dilo. The station originally pumped to a lagoon at Niven Lake but was redirected in 1981 to discharge into the gravity collection system for Lift Station 5 (LS5) through a common forcemain with LS7.

The existing lift station has exceeded its useful life and will not sustain increased demand from multi-residential developments in the catchment area.

The three main components of the project include:

1. Construction of a new Lift Station #1 while maintaining function of the existing lift station
2. Replacement of a section of forcemain between the new lift station and 44 Street along Franklin Avenue
3. Demolition of existing Lift Station #1 once commissioning of the new lift station is complete

Construction of the new Lift Station #1 commenced in 2025 and is scheduled for completion in 2028. Funding was secured in 2025 under the Canada Housing Infrastructure Fund (CHIF) at 75% of the total anticipated project cost.



CAPITAL FUND – 2026 Capital Projects

Department Public Works & Engineering
Project Lift Station #1 Replacement

Division Water & Sewer

Operational Impact

Changes to operating costs are anticipated, however, will evolve from project design components and finalized facility where modernization and efficiencies may be realized. Expectation is that operating costs will be similar to the existing facility.

CAPITAL FUND – 2026 Capital Projects

Department Project	Community Services Park Development	Division	Parks
Budget			
		2026	2027
		\$	\$
	Expenditures	560,000	
	Funding		
	Community Public Infrastructure Funding	560,000	
	Total Funding	560,000	

Purpose Description

Outdoor recreation projects will see the installation of equipment and materials to ensure that the City's parks are maintained to a high standard of safety, demonstrate effective and efficient use of resources and provide the community with a variety of activities to promote and enhance a healthy and active lifestyle.

Project Details

The Pilot's Monument is a tribute to bush pilots and engineers who lost their lives while navigating the challenging Arctic landscapes during the early days of aviation in the Northwest Territories. The monument is not only a memorial but also a popular lookout point, providing breathtaking panoramic views of Great Slave Lake, Back Bay and the City of Yellowknife. Pilot's Monument is Yellowknife's most popular lookout and draws tourists from across the world.

Replacement and upgrade of the Pilot's Monument stairs to ensure safety and compliance with the National Building Code 2020. The Pilot's Monument stairs were damaged in 2025 which required immediate repairs. In obtaining building permits for the repair work, the stairs were noted to not meet NBC Code and require full replacement. Code issues were noted with handrail length, uniformity of risers, runs and treads, and slope height and depth of treads, maximum rise and stair stinger depth.

The existing wood-framed stair system at Pilot's Monument were constructed in 2000 using wood post foundation sitting in steel saddles, grouted into the bedrock. The engineering assessment on code compliance and condition executed in October 2025 indicated stair treads and landings were worn and were at the end of their useful life.

The replacement of the Pilot's Monument stairs project will include engineering, design, accessibility enhancements, and construction to code with all-season improvements. The assessment recommended treads and landings be replaced with fibre reinforced polymer sections or steel grating. These tread selections are suited for all season usage. Full material composite will be determined with the design and planning of the project to ensure code compliance, accessibility improvements and materials appropriate for all-season use. Options of materials usage will be determined in the tender process.



CAPITAL FUND – 2026 Capital Projects

Department Community Services **Division** Parks
Project Park Development

The replacement of the Pilot's Monument stairs will comply with Council's Accessibility Policy and will be designed with accessibility in mind. The design looks to include ramps, wider access points, additional platforms, guardrail improvements and accommodating larger groups.

Operational Impact

No impacts to operations and maintenance expenditures anticipated.

CAPITAL FUND – 2026 Capital Projects

Department Project	Community Services Park Equipment Replacement	Division	Parks	
Budget				
		2026	2027	2028
		\$	\$	\$
	Expenditures	240,000	1,151,000	620,000
	Funding			
	Other Grants	80,000	80,000	80,000
	Community Public Infrastructure Funding	160,000	1,071,000	540,000
	Total Funding	240,000	1,151,000	620,000

Description

Purpose

Ongoing refurbishment and replacement of amenities in the City’s playgrounds and parks. Playground equipment is upgraded on a rotational schedule, while features such as asphalt pads and surfaces are replaced as they show signs of wear and deterioration. This proactive approach ensures that public spaces remain safe, functional, and trustworthy, supporting responsible asset management and maintaining public confidence.

Project Details

The City of Yellowknife follows a rotational plan to replace aging playgrounds to ensure equipment continues to meet current safety standards and remains enjoyable for community use. Playgrounds are typically replaced on a 20-year life cycle with modern, safe, and engaging apparatus. Neighbourhood consultation is conducted to ensure the replacement reflects the unique needs of the surrounding community. In 2026, the City proposes to replace the Latham Island Park playground. To support high accessibility standards, the new playground will feature a soft-fall rubber tile surface, consistent with other accessible surfaces used across the City. This ongoing investment in outdoor recreation infrastructure supports the City’s commitment to strategic asset management, optimizing function, safety, and community service.

Operational Impact

Playgrounds undergo an extensive inspection process as per the Canadian Playground Safety Institute Program. Replacement of existing outdoor recreation infrastructure will not increase operations and maintenance expenditures.



CAPITAL FUND – 2026 Capital Projects

Department Project Public Works & Engineering Patching Program **Division** Roads & Sidewalks

		Budget		
		2026	2027	2028
		\$	\$	\$
Expenditures		370,000	400,000	430,000
Funding				
Canada Community-Building Fund		370,000	400,000	430,000
<i>Total Funding</i>		370,000	400,000	430,000

Purpose	Description
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To maintain serviceability standards of city streets and sidewalks.

Project Details

The annual patching program identifies and repairs sections of road and sidewalks to extend the life expectancy of the street and ensure it maintains adequate serviceability standards. Often the serviceability and life expectancy of a street can be greatly improved by fixing small, localized issues as they arise and before they become problematic.

Work completed under the annual patching program includes:

- Pavement Patching
- Curb and Sidewalk Replacement
- Asphalt Overlays
- Catch Basin and Manhole Adjustments

Operational Impact

Repairing sections of road and sidewalks reduces ongoing operational maintenance costs.

CAPITAL FUND – 2026 Capital Projects

Department Project Public Works & Engineering Paving Program **Division** Roads & Sidewalks

		Budget		
		2026	2027	2028
		\$	\$	\$
Expenditures		885,000		
Funding				
	Canada Community-Building Fund	885,000		
	Total Funding	885,000		

Purpose Description

To repair or replace asphalt, concrete and other appurtenances on city streets as required, including storm water infrastructure. This project also installs concrete, asphalt and landscaping (if specified) on newly developed streets in the city.

Project Details

The typical design life of pavement is generally between 20 and 25 years, but it will vary significantly due to factors such as traffic volumes, vehicle types, geotechnical conditions, construction practices, and adequate maintenance.

The construction of new roads generally coincides with the development of new subdivisions. Otherwise, a road is scheduled for reconstruction when it is in poor condition and may be a danger to the public, or when maintenance and repairs are no longer cost-effective.

Considerations when determining areas of reconstruction include:

- Condition and age of asset,
- Recurring maintenance costs,
- Priority level of roadway,
- Number of impacted residents, and
- Underground infrastructure requirements.

The Paving Program is moving to an alternating schedule with water and sewer infrastructure replacement occurring one year and paving activities the next. The paving projects for 2026 include the Gitzel Street and Matonabee Street Alley including stormwater infrastructure installation by the new Avens Pavillion.

Operational Impact

Aging infrastructure has an operational cost of between two and four percent of replacement costs. Replacing this infrastructure will allow the department to focus operational and maintenance activities on other roads, sidewalks and storm water appurtenances in the city.



CAPITAL FUND – 2026 Capital Projects

Department Project Public Works & Engineering Snowblower **Division** Roads & Sidewalks

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	350,000		
Funding			
Community Public Infrastructure Funding	350,000		
<i>Total Funding</i>	350,000		

Description

Purpose

Acquisition of a loader-mounted snowblower attachment to improve snow removal efficiencies.

Project Details

The City currently relies on snow removal through windrowing snow to the middle of City streets and placing snow into trucks using front end loaders. The acquisition of a snowblower would make snow clearing more efficient by gathering and expelling snow through a telescopic discharge chute into nearby trucks for removal. The intention for the attachment is to be utilized downtown and across the City. With climate change impacts, it has been challenging for the City to quickly clear all roads and public areas after heavy snowfall. Having an industrial snowblower attachment will allow the City to better serve residents.

The snowblower is proposed as part of the Downtown Services Enhancement Initiative to address concerns over downtown services.

Operational Impact

The operational impacts are anticipated to be nominal as an addition of an attachment to the fleet.



CAPITAL FUND – 2026 Capital Projects

Department Project Corporate Services
Technology Investments **Division** Information Technology

Budget

	2026	2027	2028
	\$	\$	\$
Expenditures	1,500,000	1,500,000	1,500,000
Funding			
Formula Funding	204,177	1,500,000	
Community Public Infrastructure Funding	1,295,823		1,500,000
<i>Total Funding</i>	1,500,000	1,500,000	1,500,000

Description

Purpose

Implement Technology Investments as recommended in the City's IT Roadmap.

Project Details

The City finalized its Information Technology (IT) Roadmap in October 2025. The roadmap sets the future vision for technology over the next five years. Our technology vision articulates the future of technology for the City, and our technology principles are statements that help establish and guide fundamental behaviours in alignment with our technology vision. They are meant to enable decision-making as progress is made through various activities and initiatives.

Investing in technology will allow the City to improve efficiency and cost savings, enhance citizen engagement and services. Having current technology will help automate routine tasks, streamline operations, and make data-driven decisions. This will in turn free up resources and reduce operational costs. It will also provide better tools for citizen communication and service delivery, such as online portals and real-time communication channels like the 3-1-1 system.

Operational Impact

Operational impacts will evolve from the technology implemented.

CAPITAL FUND – 2026 Capital Projects

Department Project Community Services
Tennis Court Resurfacing

Division Parks

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	100,000	200,000	
Funding			
Community Public Infrastructure Funding	100,000	200,000	
Total Funding	100,000	200,000	

Purpose

Resurfacing the Somba K'e Tennis Court.

Project Details

Resurfacing the Somba K'e Tennis Court to repair aged, cracking and peeling areas that are unusable. Improvements to the Somba K'e Tennis Courts will include increased surface area and repainting of court lines which will expand the use of the court to pickleball enthusiasts.

Deteriorating as they age, the courts pose safety and capacity issues if they cannot be used. Repairing the existing infrastructure will extend the useful life of the outdoor sport facilities.

Operational Impact

Improved surface conditions will reduce the need for future repairs.



CAPITAL FUND – 2026 Capital Projects

Department	Public Works & Engineering	Division	Roads & Sidewalks
Project	Traffic Light Upgrades		

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	1,935,000		
Funding			
Community Public Infrastructure Funding	1,935,000		
<i>Total Funding</i>	1,935,000		

Purpose	Description
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To improve traffic lights and signalized crosswalks to make intersections safer for vehicular and pedestrian traffic.

Project Details

There are 19 intersections that rely on traffic lights for reliable vehicular flow, and 10 signalized crosswalks that provide safer pedestrian crossings. With the completion of the installation of traffic cameras at all signalized intersections in 2024, this project will look at additional upgrades to traffic lights and signalized crosswalks to ensure acceptable performance levels.

Projects for 2026 Include:

- Traffic signal modernization including detection cameras, new controllers, software implementation and upgrades to communication equipment
- Internal radio network hardware replacement for traffic lights and supervisory control and data acquisition
- Replacement of the signalized crosswalk at the intersection of Dagenais Drive and Range Lake Road

Operational Impact

Completing upgrades to traffic lights and signalized pedestrian crosswalks on a schedule that aligns with asset management principles will ensure that repairs are being done in a proactive manner.

CAPITAL FUND – 2026 Capital Projects

Department Project Public Works & Engineering
Transportation Plan

Division Directorate & Engineering

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	957,500	957,500	
Funding			
Formula Funding		239,375	
Other Grants	718,125	718,125	
Community Public Infrastructure Funding	239,375		
<i>Total Funding</i>	957,500	957,500	

Purpose	Description
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To implement transportation plan findings incorporating and addressing other municipal strategies including the Community Plan.

Project Details

The City of Yellowknife has undertaken a Transportation Plan in 2025 and anticipate delivering on the finding over multi-year projects. The plan initiated will inform future development and focus strategic capital investments.

- The City's Transportation Plan considers the following:
- active transportation improvements and future planning of active transportation infrastructure
 - on-going research into public transit improvements
 - traffic light modernization and optimization
 - traffic calming methods for various areas of the City
 - revision of City Standards to incorporate improvements to existing standards

The City applied for the Government of Canada's Active Transportation Fund under Council direction in January 2025 to fund future investment in active transportation infrastructure. Development of safe and accessible multi-modal transportation, reduced climate impacts and provide for long-term investment. The City has identified many infrastructure needs including equipment to maintain paths in winter, the extension of the Frame Lake Trail and safe and separated bike lanes on Franklin Avenue to Old Town and on downtown and connecting arterial routes. Funding received under the Active Transportation Fund will fund future active transportation infrastructure.

Operational Impact

Implementing the findings of the 2025 transportation plan will require a capital investment from the City. The funding applied for under the Active Transportation Fund would cover up to 75% of eligible expenditures.



CAPITAL FUND – 2026 Capital Projects

Department	Public Works & Engineering	Division	Water & Sewer
Project	Water & Sewer Replacement - Paving		

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	2,475,000		500,000
Funding			
Canada Community-Building Fund	1,937,800		500,000
Community Public Infrastructure Funding	537,200		
<i>Total Funding</i>	2,475,000		500,000

Purpose	Description
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To replace asphalt, concrete and other appurtenances on city streets following upgrades to underground water, sewer and storm infrastructure.

Project Details

This project restores streets following water and sewer infrastructure upgrades. As part of this work, an evaluation of the street is done against current City Standards to determine if upgrades, such as addition of curb and gutter, sidewalk, or multi-use trail, are appropriate.

This work coincides with work completed under the Annual Paving Program to best utilize consultants and contractors.

In 2025, the City upgraded and replaced water, sewer and storm services on Mandeville Drive and 49A, 42 Street and 41 Street Area. These neighbourhoods were left gravel roads following the water and sewer work. The water and sewer paving program will reinstate the roadway infrastructure including asphalt, curbs and sidewalks (where applicable).

Operational Impact

Restoration of roadways following water and sewer upgrades provides improved roadways and allows the department to focus operational and maintenance activities on other roadways.

CAPITAL FUND – 2026 Capital Projects

Department Project	Public Safety Wildfire Preparation	Division	Emergency Preparedness		
		Budget			
		2026	2027	2028	
		\$	\$	\$	
Expenditures		740,000	807,000	807,000	
Funding					
Other Grants		740,000	807,000	807,000	
<i>Total Funding</i>		740,000	807,000	807,000	

Purpose Description

To address wildfire risk within and surrounding Yellowknife using targeted funding supporting mitigation through vegetation/fuel reduction.

Project Details

In January 2025, an update to the Yellowknife Community Wildfire Protection Plan (CWPP) was completed for the City. The City has been authorized by Council to enter into an agreement with Northwest Territories Association of Communities to receive the City's allocation of the federal Disaster Mitigation and Adaptation Fund (DMAF).

The City has proposed to focus their DMAF funds on municipal land parcels owned by the City as other parcels of federal and territorial lands will be addressed by government agencies separate from DMAF funds. This narrows down the total area being considered for DMAF fuel treatments to 221 hectares, which is still more area than is expected to be covered with the City's DMAF allocation. The City will focus on fuel mitigation within municipal parcels starting with Priority A areas first based on higher relative risk, then move onto treating Priority B areas until the DMAF grant is fully utilized.

Operational Impact

The project is anticipated to have some ongoing operating and maintenance costs.



CAPITAL FUND – 2026 Capital Projects

Department	Public Safety	Division	Emergency Preparedness
Project	Wildfire Protection Equipment		

Budget			
	2026	2027	2028
	\$	\$	\$
Expenditures	250,000		
Funding			
Formula Funding	250,000		
<i>Total Funding</i>	250,000		

Purpose	Description
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To advance recommendations under the 2025 City of Yellowknife Community Wildfire Protection Plan (CWPP), Recommendation 9 to design and purchase value protection units providing adequate equipment for initial response to wildland and urban interface fire.

Project Details

Value protection units containing wildfire protection equipment (portable pumps, hose, sprinklers, fitting, and tools) to protect structures from advancing wildfires have been shown to be successful in reducing losses in communities.

From the CWPP, based on industry expertise, it is identified City of Yellowknife would benefit from having one or more Value Protection Units, providing the City with adequate value protection equipment for an initial response on a wildland/urban interface fire.

The important feature is that the wildfire protection equipment can be divided up and deployed to different identified interface priority areas at the same time. Staff can retrieve the required equipment and deploy in the area accordingly. This means the equipment needed is configured when and where it is needed to maximize wildfire protection efforts.

Operational Impact

Equipment lifespan is impacted by frequency and complexity of deployment. Post deployment and annual testing/condition assessments will inform replacement requirements.

CAPITAL FUND – 2026 Capital Projects

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