

City of Ottawa

Major construction projects

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Presentation Overview

City Assets

2022 Capital Budget highlights

Major Projects

Stimulus Funding

Pandemic and Construction

Hot Construction Market



City Assets

The City owns and maintains (valued at over \$50 billion)*

- 6,000 kilometres of roads
- 650 bridges
- 2,700 kilometres of sidewalks/pathways
- 8,500 kilometres of watermains and sewers
- 6,000 Culverts
- 80 kilometres of Transitway and dedicated lanes
- 900 buildings/facilities
- 3 treatment plants (2 water treatment plants and 1 wastewater treatment plant, plus 5 communal wells)
- 932 parks, 133 splash pads, 59 wading pools, 10 stand-alone indoor pools (additional pools within rec complexes), 10 outdoor pools, 682 playgrounds, 250 basketball courts, 294 ball diamonds, 217 outdoor rinks, 26 stand-alone single pad/double pads arenas



\$50 B

Infrastructure assets
to manage

\$1.9 B

Value of
Active Projects

\$702 M

New capital project
authority in 2021

~600

Active capital
projects

** Does not include value of LRT or the CSST*

2022 Capital Budget Highlights

- In 2022, the City will invest approximately **\$702 million** in city infrastructure— for a total of approximately **\$2.2 billion** throughout this term of Council (2019 to 2022).
- **\$88 million** for road rehabilitation, including resurfacing, geotechnical, guiderails, rural road upgrades and preservation treatments. (**\$76M of the \$88M** is for road resurfacing)
- **\$118 million** for integrated road-water-sewer reconstruction projects, this is a significant investment in road renewal - **\$48 million** out of the \$118 million is for the road portion.
- **\$45 million** structures and bridges, including **\$18 million** for culverts
- **\$47 million** buildings and parks
- **\$11.5 million** to renew sidewalks and pathways
- **\$29M** at the two water purification plants
- **\$19M** for water systems rehabilitation
- **\$16M** for rehabilitation of sewage pumping stations
- **\$18M** at waste water treatment plant (ROPEC)

Major Projects Completed in 2021

- **Campeau Drive Extension – Country Glen Way to Didsbury Road**

- **Lois Kemp Arena, Blackburn Hamlet**



- **Bay Street Cycling Facility – Wellington Street to Laurier Avenue West**



- **Rideau Street Renewal – Sussex to Dalhousie**



Major Projects in 2022: Montreal Road Revitalization



- **Renewal of underground infrastructure and streetscaping from North River Road to St. Laurent Boulevard)**
- **\$64M budget over multiple years**
- **Began in 2019 and expected to be completed in late 2022**

Major Projects in 2022:

Strandherd Drive Widening Project (Maravista Drive to Jockvale Road)

- The Strandherd Drive Widening Project in the growing Barrhaven neighbourhood includes a new four-lane road, cycle facilities, new sidewalks and a new grade separation over the VIA rail Line
- \$112M investment
- Project began in summer 2020 and is anticipated to be completed in fall 2023.



Major Projects in 2022:

Chief William Commanda Bridge – Multi-Use Pathway and Rehabilitation Project

\$22.6M

- The Chief William Commanda Bridge – Multi-Use Pathway and Rehabilitation Project includes the construction of a new multi-use pathway, connecting Ottawa and Gatineau
- \$22.6M investment



- Work also includes rehabilitation to the bridge structures
- Construction began in fall 2021
- Multi-use pathway expected to be operational in fall 2022



Major Projects in 2022:

Greenfield Avenue, Main Street and Hawthorne et al. Reconstruction Project

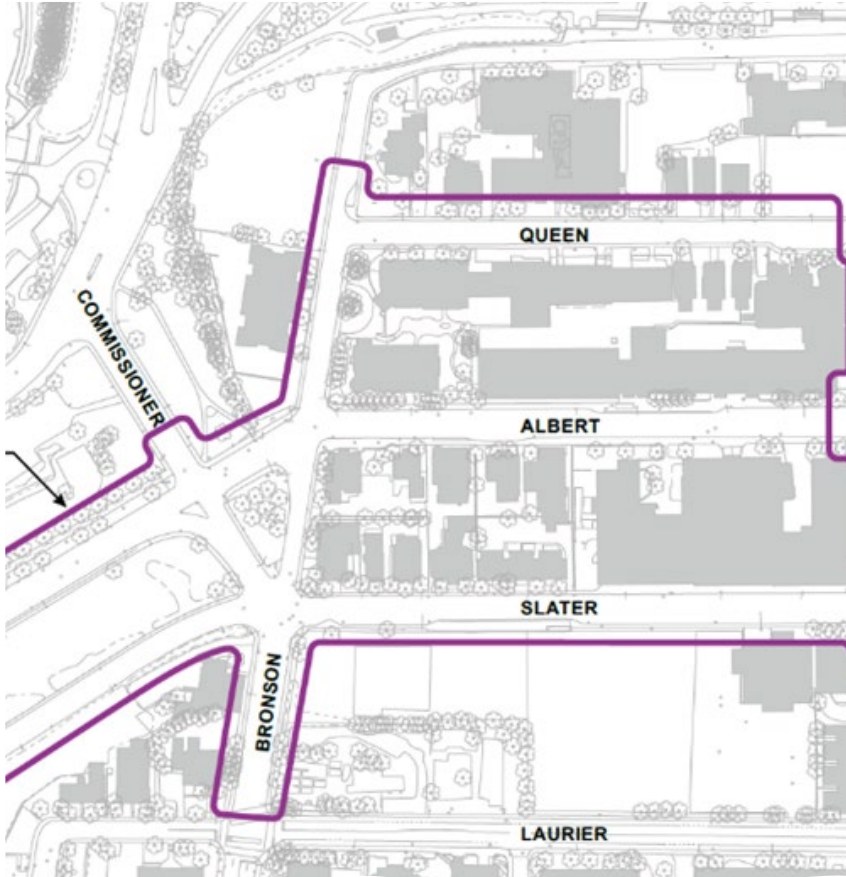


- Project includes the replacement of underground infrastructure and reconstruct the roadways, including the implementation of complete street features
- \$37.9 M investment
- Work began in fall 2021 and is expected to be completed in 2024.

Major Projects in 2022:

Reconstruction of Albert, Queen, Slater and Bronson

\$41.1M



- Project includes the replacement of portions of the existing sewers, roads, and watermain as well as the rearrangement and reconstruction of the street right-of-way
- Extensive coordination with Ādisōke, the OPL-LAC Joint Facility, occurred during the design phase and project implementation will be phased to allow concurrent construction of the two projects.
- \$41.1M investment
- Construction to begin in spring

Major Projects in 2022:

City Hall Investments

\$10M

- The changerooms and washrooms at the Active Living Club will undergo accessibility upgrades Roofing replacement will continue
- Enhancements for afterhours accessible access to the Parking Garage
- Laurier Bike Storage enclosure
- City Hall Parking Garage expansion joint repairs
- Supply Fan replacement in Administration building
- Chiller replacement



Major Projects in 2022:

Nepean Sportsplex

\$10.9M

In 2022, work includes:

- Replacement of the dehumidifiers in the Yzerman Arena and Arena 3
- Roof replacement on Arena 3
- Further accessible upgrades to washrooms and changerooms, handrail installations for the stands of Arenas 2 and 3, and construction of an accessible viewing platform in the Yzerman Arena.



Major Projects in 2022:

Ādisōke OPL-LAC Joint Facility

\$193M

- Planned to open in late 2024
- 216, 000 square feet
- Over 5000 visitors are expected per day (1.7M visitors annually)
- Retail spaces will include a gift shop, café, restaurant and catering kitchen
- Extensive public consultation provided inspiration and feedback on the design and programming
- Net Zero Carbon building, making the building one of the most sustainable facilities in Canada
- General Contractors prequalified in Summer 2020
- Design is at 90% with 100% completion scheduled for April 2021
- Early Works (Excavation and Site Remediation) is underway, scheduled completion Spring 2021
- Main Tender construction contract scheduled for release in Spring 2021
- Construction Commencement in Summer/Fall 2021



Stimulus Funding

Federal and Provincial stimulus funding programs have become available to help offset the economic impacts of COVID-19. In 2021, the City has received funding approval for:

- ICIP COVID-19 Stream
- ICIP Public Transit Infrastructure Stream
- ICIP Long-Term Care Stream
- ICIP Community Culture and Recreation Stream

Working on other applications: Disaster Mitigation and Adaptation Fund (DMAF); Active Transportation Program; ICIP COVID 19 Resiliency Stream - Ventilation Improvement Projects; Green and Inclusive Community Buildings (GIBC); Green Municipal Fund's (GMF) Community Buildings Retrofit (CBR)

Pandemic and Construction

- March 2020 to July 2021, Ottawa was in a State of Emergency due to COVID-19.
- Construction was deemed an essential service and has continued throughout the pandemic.
- The City and the industry have worked together and complied with restrictions and recommendations provided by health officials at municipal, provincial and federal levels and the Ministry of Labour, Training and Skills Development
- COVID-19 has impacted some projects. The City, in coordination with the industry, looks at opportunities to mitigate the pandemic impacts on the projects.
- Year 2 of the pandemic: we are seeing more significant impacts on projects (schedules and costs) due to material and labour shortages.
- Vaccination policy: The City of Ottawa requires all employees, volunteers, vendors and students completing placements to be fully vaccinated against the hazard of COVID-19 to support the health and safety of our workplaces and our community

Hot Construction Market

Ottawa is seeing a hot construction market:

- Increased prices since the pandemic for steel, wood, sheet metal, roof insulation, electrical/mechanical equipment and several other commodities
- Shortage of material causing schedule delays
- Shortage of skilled labourers in many sectors
- Significant cost increases for insurance policy renewals
- Overall construction inflation

How is the City Approaching this?

- ✓ Project estimates
- ✓ Ongoing discussions with industry
- ✓ Monitoring of market conditions
- ✓ Mitigating approach when projects are into design/construction

Thank you!

Questions?

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