

City of Ottawa

Major construction projects

Carina Duclos, P.Eng.
a/Director Infrastructure Services



Presentation Overview

City Assets

State of Emergency – COVID19

2021 Capital Budget highlights

2020 and Beyond

Stimulus readiness

ICIP COVID-19 Resilience funding



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
- 1,000 buildings/facilities
- 80 kilometres of Transitway and dedicated lanes
- 636 Playgrounds, 28 Indoor/Outdoor Pools, 61 Wading Pools and 115 Splash Pads
- 3 treatment plants (2 water treatment plants and 1 wastewater treatment plant, plus 5 communal wells)



\$50 B

Infrastructure assets
to manage

\$1.5 B

Value of
Active Projects

\$570 M

New capital project
authority in 2021

500+

Active capital
projects

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

State of Emergency – COVID 19

- Since March 2020, Ottawa has been in a State of Emergency due to COVID-19.
- Construction has been deemed an essential service and has continued throughout the pandemic.
- COVID-19 has impacted some projects; however, the City and the industry have worked together and complying with restrictions and recommendations provided by health officials at municipal, provincial and federal levels and the Ministry of Labour, Training and Skills Development
- The City, in coordination with the industry, looked at opportunities to accelerate construction project since we had less traffic on the streets or many City facilities were closed.
- The City created several task forces to deal with the impacts of COVID-19 (such as “Public Construction”)
- The Public Construction taskforce continues implementing strategies to support recovery efforts for public construction projects. Construction activities are critical to Ottawa’s economy and the service delivered to residents and businesses

2021 Capital Budget Highlights

- \$45M for road resurfacing, preservation, and rural road upgrades (including Hunt Club Road, Carling Avenue, Merivale Road, Riverside Drive, Thomas A Dolan Parkway, Bankfield Road, Innes Road, Woodroffe Avenue)
- \$26M to repair and rehabilitate bridges, bridge culverts, pedestrian overpasses, retaining walls and noise barriers (including Bank Street/Sawmill Creek)
- \$9M for renewal of standalone sidewalks and pathways (including Olmstead Street, King Edward Avenue)
- \$105M for integrated road-water-sewer renewal (including Fairbairn Street/ Bellwood Avenue/Willard Street/ Belmont Avenue, Montreal Road, Avenue N-O-P-Q-R-S-T-U and Arch Street, Canterbury Avenue and Plessier Street)

2021 Capital Budget Highlights (cont')

- \$14.8M to repair and replace watermains
- \$12.7M to renew the two water purification plants (including a new phosphate treatment)
- \$12.5M to invest in water pumping stations (including Brittany Drive water pumping station)
- \$31.1M to invest in sewer pumping stations repairs and ROPEC
- \$7M investments in renewal work at Long Term Care facilities
- \$7.5M for a new fire Station in Kanata North
- \$22.8M investment in renewal projects for recreation and cultural facilities

Major projects completed in 2020

- **CSST:** Substantial performance reached in August 2020 and was fully commissioned in November 2020. Landscaping works to occur in Spring 2021. \$232 million investment.
- **Elgin Street Reconstruction:** Construction completed in October 2020, two months ahead of schedule. Minor landscaping work is expected in Spring 2021. \$40 million investment.
- **Jackie Holzman Bridge:** Construction completed in September 2020, on schedule. \$13.5 million investment
- **Kanata South Link:** Construction completed November 2020, six months ahead of schedule. Minor landscaping work to be completed in Spring 2021. \$44 million investment.
- **Rideau Street Renewal (including William Street):** Construction completed in December 2020. Minor landscaping on Rideau Street and remaining work on William Street will be completed in Spring 2021. \$13.5 million investment.
- **Rosemount Library:** Construction completed late fall 2020. Investment of \$3.5M.

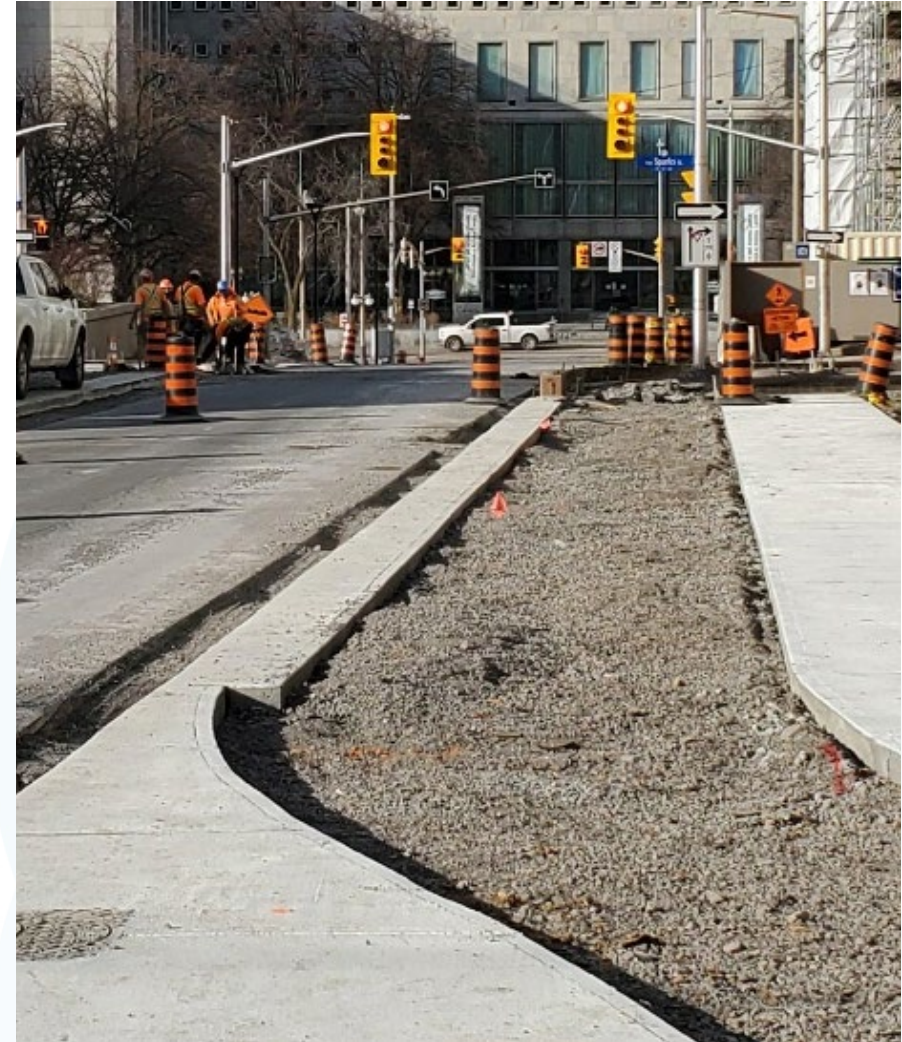
Montreal Road \$ 64M



Strandherd Drive Widening - \$113M



Bay Street Cycling Facilities - \$6.2M



Campeau Drive Extension

\$32M



Prince of Wales Bridge

- Motion approved at Council on December 9 to proceed with the environmental assessment and design for the interim use of the bridge as a multi-use pathway. (\$540K)
- Design is planned to be completed Spring 2021
- Significant number of permits and approvals
- Construction funds have not been secured
- Project cost estimated in \$10.5M



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



Nepean Sportsplex

\$10.9M

Projects expected to be completed in early 2021:

- Pool HVAC Upgrade
- North Entrance Sign Replacement

Projects starting in 2021:

- Yzerman Arena (Arena 1) Dehumidifier Replacement
- Arena 3 Dehumidifier Replacement
- Accessibility Upgrades in Washrooms and Change Rooms throughout facility (Phase 2)
- Nepean Visual Arts Centre replace air conditioning units



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 Readiness

- The City has been preparing for a Federal and/or Provincial stimulus funding program to help offset the economic impacts of COVID-19.
- The City wants a stimulus funding program that responds to identified long-term growth, renewal and service needs
- All departments were engaged through an identified “prime” departmental contact to develop a working list (“master matrix”) of over 550 projects that could benefit from stimulus (or similar) funding.
- Builds on pre-existing lists and captures the 2020 Capital Budget Deferrals
- Includes more than just traditional “infrastructure” projects –ex: energy efficiency initiatives and tools/technology development
- Broad and varied data allows filtering according to criteria
- Considers the City’s ability to deliver

ICIP COVID-19 Resilience funding

- Supports short-term, pre-identified infrastructure needs related to pandemic response
- Focuses on “relief”
- Projects must be completed by end 2021
- \$20M allocation was distributed geographically and thematically while ensuring eligibility under the program (no dollar left on the table).
- On December 18, 2020, Council approved the project list and authorized the GM of PIED to submit the applications on behalf of the City
- Applications were submitted in January and we expect to hear back in the Spring of 2021

Thank you!

Questions?

Carina Duclos, P.Eng
a/Director Infrastructure Services
City of Ottawa
613-580-2424 ext. 16507
Carina.Duclos@Ottawa.ca

