

NORTH

NOV

08

EAST

NOV

10

SW

NOV

17

GTHA

NOV

18

ORBA

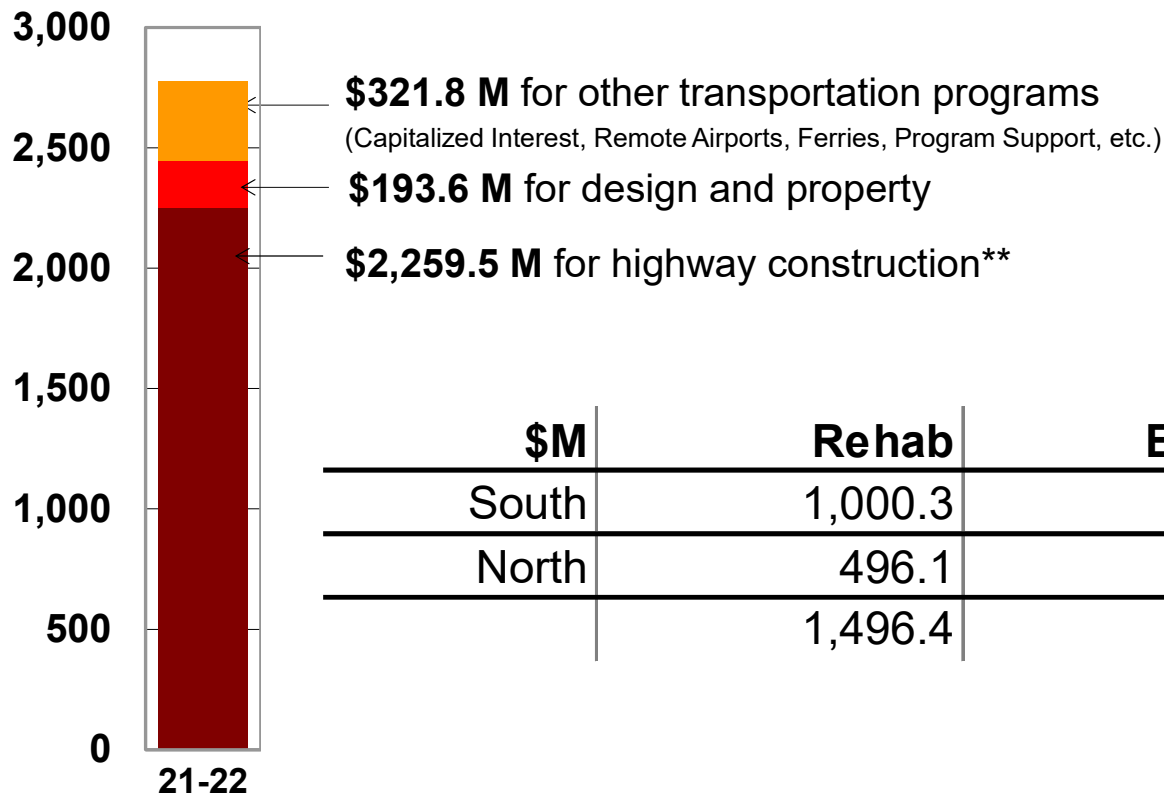


Outline



- Provincial Overview of Capital Program – 2021/22
 - Budget
 - Capital Program Tendering
- Ontario Highways Program Update
- Regional Highlights
 - Capital Construction Program (Rehabilitation and Expansion)
 - Featured Projects – Current and Future

2021-22 Capital Budget* - \$2,774.9 M



\$M	Rehab	Expansion	Total
South	1,000.3	618.1	1,618.4
North	496.1	145.0	641.1
	1,496.4	763.1	2,259.5

*Regional budgets are based on the approved outlook and planning allocations
** Both the rehabilitation and the expansion programs include projects with P3 and non-P3 delivery models.

Capital Program Tendering

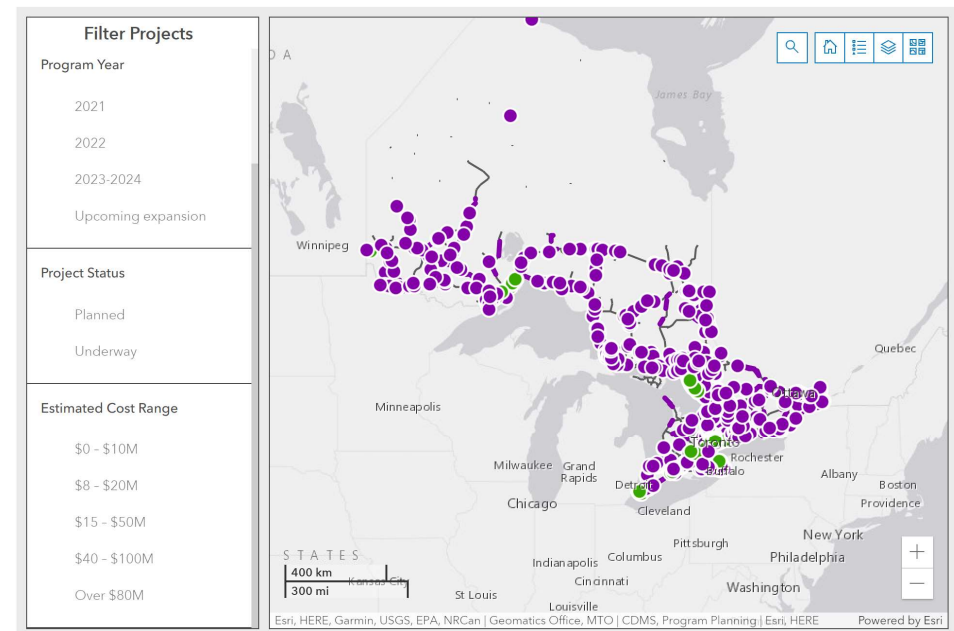


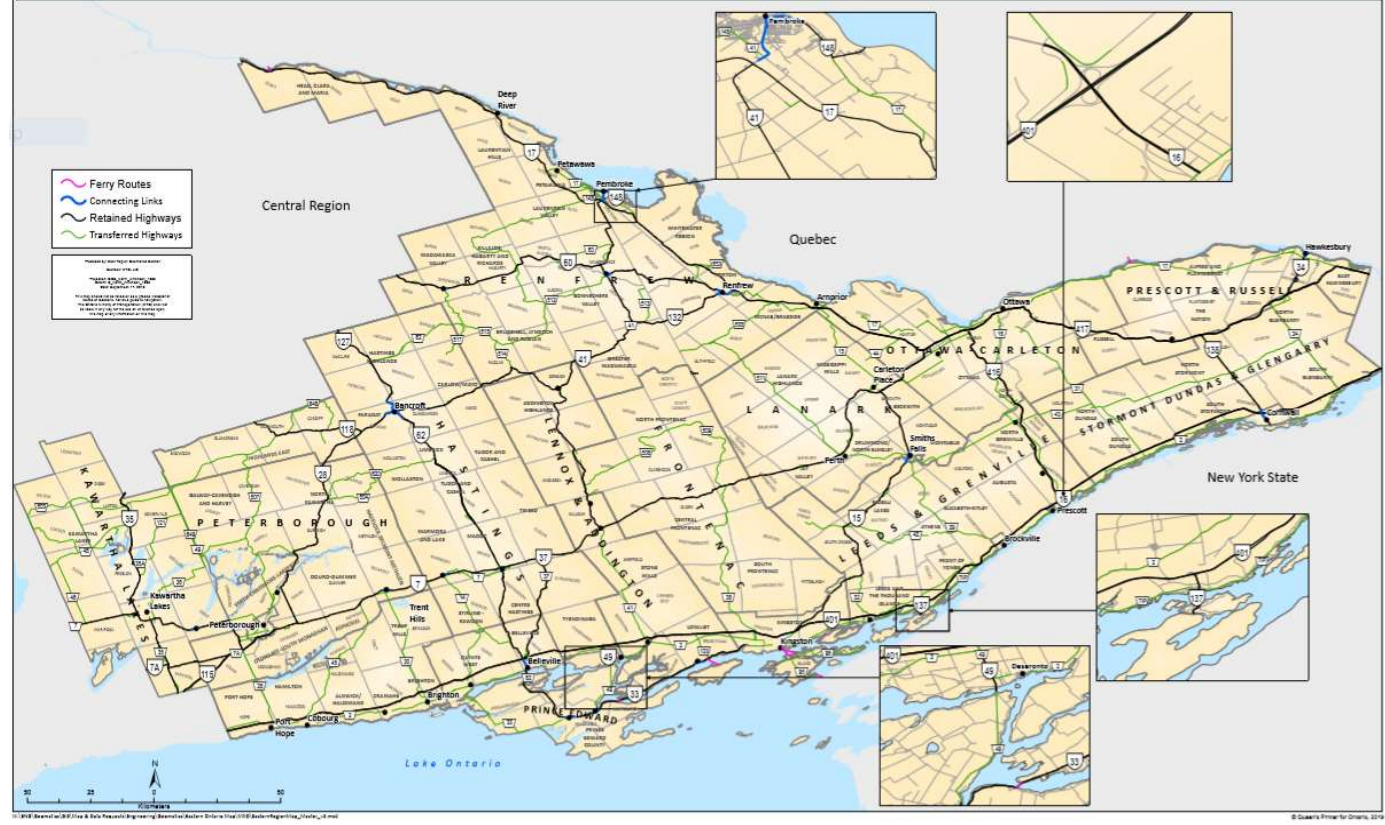
- The average annual construction spending over the last five years has been over **\$2B**.
- The ministry consistently tenders a high volume of capital contracts (major and minor capital), typically **over 250 annually**.
- Over **300 projects** in construction and planned to start in fiscal year 2021 /22 (April 2021 to March 31, 2022)
- Over **580 projects** – expansion and rehabilitation identified on the Ontario's Highways Plan (4 year rehabilitation plan, 10 year expansion plan).
- MTO on track to fully spend capital program budget this year.
 - Continually monitor in-year forecasts and adjust our program with the objective of fully spending our budget
- The volume of work annually is subject to change and may decrease from projections early in the tendering cycle.
 - Tender changes may occur due to availability of funding, bundling projects for efficiency, timing to obtain project and environmental approvals, property acquisition and construction requirements.

Ontario Highways Program (OHP) Publication



- On July 21, 2021, the 2021 Ontario Highways Program (OHP) was released updating projects underway and planned through a searchable online resource.
- Enhancements to the OHP in July included:
 - Instructions on navigating the map
 - Regional filter added to the table
 - PDF version available for download/printing
 - Fourth year added for rehabilitation program
 - Additional project information: Engineering Status, Value Range, and where known, Delivery Model (details will appear in list and map pop-up box)
- OHP will now be updated twice a year – program updated in Spring and Winter each year
 - Early December 2021 planned update for the OHP
- Outlook for 2022 and beyond – continued strong investment in critical rehabilitation and expansion projects throughout the province.
 - Variety of delivery models – Design-Bid-Build (DBB), Design-Build (DB), Design-Bid-Finance (P3), CMGC etc.
 - Variety of contract sizes - <\$5M to >\$100M
- <https://www.ontario.ca/page/ontarios-highway-programs>





2021 Rehabilitation Program Highlights



Major Capital (Highway Program)

- 21 carryover projects
 - 2 Design Build projects (1 DB Major, 1 DB Minor)
 - 1 Construction Manager/General Contractor project
- Late 2020 tendering (2021 construction – Advertised August – December 2020)
 - 3 projects
- Early tenders – Advertised January 1 – March 31, 2021
 - 4 projects
- Projects advertised April 1 – October 31, 2021
 - 4 projects
- Anticipated tenders (November – December 2021)
 - 5 projects planned

2021 Rehabilitation Program Highlights



Minor Capital

- 5 carryover projects
- Early tenders – Advertised January 1 – March 31, 2021
 - 3 projects
- Projects advertised April 1 – October 31, 2021
 - 12 projects
- Typical Work
 - Selective resurfacing
 - Culvert replacements
 - Fatigue repairs
 - Advance tree clearing and wildlife fencing
 - Facility improvements/repairs

Featured New/Upcoming Projects



- Late 2020 tendering included two large new projects for 2021 start:
 - Highway 417 Mid-town bridges – 10 bridge replacements – CMGC
 - Highway 417 – full depth pavement reconstruction, Casselman to east of Hwy 138 (2nd half of this to be advertised for construction start in 2023)
- Rest of 2021 tenders:
 - small to mid-sized paving, culverts, bridge rehabs – Highways 15, 35, 41, 60, 62
 - One large multi-year paving contract – Highway 401 Upper Canada to Carmen Road WBL (EBL to follow in 2023)
- Anticipated tenders:
 - Large multi-year paving and structural culverts – Highway 401 at Cornwall
 - Small to mid-sized non-structural culverts, bridge rehabs – Highways 28, 115, 401
 - Two large bridge rehab contracts – Highway 417 Ottawa east end



Expansion Program Highlights

Highway 417 – Ottawa Queensway from Maitland Avenue to Island Park

- Completed August 2021

Highway 17 – Arnprior to Renfrew – Status Update

- “Segment 1” – new interchange at Renfrew Co Rd. 508 (Calabogie Road)
 - Design Build project awarded Dec 2020
 - Construction began November 2021
 - Expected completion late 2023
- “Segment 2” – 22.5 km widening from Scheel Drive, Arnprior to west of Bruce Street, Renfrew, three new interchanges
 - P3 delivery model
 - Currently undertaking P3-ready activities
 - Start date to be determined, pending completion of design, property acquisition and EA

Featured Projects in Construction



- Highway 401 – Grafton Patrol Yard
- Highway 417 – Innes to Ramsayville (Ottawa)
- Wolfe Island Ferry Improvements (Kingston)
- Highways 118/28/7 Design-Build Bridge Replacements (Bancroft Area)

Highway 401 - Grafton Patrol Yard



- **Contractor:** Fidelity Engineering & Construction
- Design-build of an eight-bay Patrol Garage.
- **Project Start Date:** March 2021
- **Anticipated Completion:** June 2022



Highway 417 - Innes Rd to Ramsayville Rd



- **Contractor:** Coco Paving Inc.
- Rehabilitation of the Innes Road Underpass
- Replacement of the Ramsayville Road Overpass EBL & WBL.
- **Project Start Date:** April 2019
- **Anticipated Completion:** Spring 2022



Wolfe Island Ferry Improvements



- **Contractor:** Coco Paving Inc., Kehoe Marine Construction, Facca Incorporated
- Wolfe Island Ferry Dock rehabilitation and expansion at Barrack Street and Marysville.
- The Kingston Shoal and Barrett Bay dredging project.
- **Project Start Date:** Summer 2020
- **Anticipated Completion:**
 - **Barrack St Dock** - December 2023
 - **Dredging & Marysville Dock** – Late 2022



Design-Build Structure Replacements



- **Contractor:** Aecon Group Inc.
- Highway 28 - Eels Creek, replacing a ten-span timber structure.
- Highway 118 - Irondale River bridge replacement
- Highway 7 - Ouse River bridge replacement
- **Project Start Date:** Spring 2019
- **Anticipated Completion:** Fall 2021



Key Contacts



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