

Committee of the Whole (1) Report

DATE: Tuesday, January 18, 2022

WARD(S): ALL

TITLE: 2021 UPDATE - YORK REGION TRANSPORTATION CAPITAL
INFRASTRUCTURE PROJECTS

FROM:

Vince Musacchio, Deputy City Manager, Infrastructure Development

ACTION: FOR INFORMATION

Purpose

To provide an overview of the status of York Region's transportation capital projects within the City of Vaughan as of late 2021. These capital projects include expansion and improvement of the roadway network, and are at various stages in the project cycle, from planning (Environmental Assessment studies), to design (detailed design, engineering) to construction (including property acquisition, utility relocation).

Report Highlights

- The Capital Budget process provides an annual update to nearer term projects which are included in the 10-Year Roads and Transit Capital Construction Program
- The Region continues to invest significant resources in the expansion and maintenance of the Regional transportation system, with a number of projects underway in the City during 2021
- Road projects are at various stages in the project cycle, from planning (environmental assessments), to design (detailed design, engineering) to construction (including property acquisition, utility relocation)

Recommendation

1. That the presentation from York Region staff on the status of transportation capital infrastructure projects be received.

Background

York Region owns over 180 kilometres of arterial roads located within the City forming the concession block grid that, with the provincial highway system, provides overall structure to the City's transportation system and network.

On March 25, 2021, Regional Council approved the 2021 10-Year Roads and Transit Capital Construction Program, for road construction to be undertaken between 2021 and 2030

York Region is currently undertaking several transportation projects within the City of Vaughan, some already under construction as part of the previous approvals or included in the 10-Year Roads and Transit Capital Construction Program.

As such, these projects are at various phases of the project cycle, ranging from the initiation of Environmental Assessment (EA) studies to the completion of construction works.

York Region provides up-to-date information regarding the current capital road plan on York Region external web site. The Region maintains project web sites for their transportation construction schedule as well as for upcoming or on-going Environmental Assessment studies. These websites help keep the public current on activities and progress. More information can be found at the following link:

<https://www.york.ca/wps/portal/yorkhome/transportation/yr/roads/roadconstructionschedule>

Local municipalities are circulated York Region's 10-Year Roads and Transit Capital Construction Program which are updated annually. Attachment 1 shows the York Region 2021 10-Year Construction Program map.

Previous Reports/Authority

[York Region Transportation Planning and Transportation Capital Infrastructure Status Update](#)

[York Region Rapid Transit Corporation – Construction Activities Update](#)

Analysis and Options

York Region currently has over two dozen active transportation projects within the City of Vaughan

Table 1 summarizes the status of these projects and scheduled for 2021 that will continue to enhance the transportation network in the City of Vaughan.

Table 1
2021 Programs and Projects in the City of Vaughan

| Description | No. of New Projects | No. of Continuing Projects | Total No. of Projects |
|-----------------------------------|---------------------|----------------------------|-----------------------|
| Growth Program | | | |
| Construction | 3 | 6 | 9 |
| Detailed Design | 2 | 6 | 8 |
| Environmental Assessment Studies | 0 | 2 | 2 |
| Transportation Master Plan Update | 0 | 1 | 1 |
| Not started | 3 | 0 | 3 |
| State of Good Repair | | | |
| Rehabilitation and Preservation | 1 | 1 | 2 |
| Bridge/Culvert Rehabilitation | 2 | 1 | 3 |
| Intersection Improvements | 2 | 0 | 2 |
| | 13 | 17 | 30 |

In addition, coordinating with York Region's Environmental Services and other agencies' infrastructure programs, including other Local Municipalities, Metrolinx, Ministry of Transportation of Ontario (MTO), York Region Rapid Transit Corporation, Alectra, Pipelines and Rail Authorities is an important factor when planning construction projects within the Region. Key examples include:

- Major Mackenzie Drive Improvements from Keele Street to Jane Street including active transportation improvements, new center left turning lane, streetscaping, street lighting improvements and any required storm sewer and watermain replacement to minimize future disruptions to residents and businesses.
- Rutherford Rd reconstruction including Regional cycling facilities (Phase 2) between Jane Street and Westburne Drive/Barrhill Road (including missing sidewalk and LED streetlighting upgrade). This work includes widening Rutherford Rd. from four to six lanes and CN Railway bridge work to facilitate road widening.
- Reconstruction of Major Mackenzie Drive fronting the Cortellucci Vaughan Hospital, from Highway 400 to Jane St. This work includes improvements to streetscaping, bridge structures, multi-use pathway, street lighting, Hwy 400 ramps and additional lane improvements to connect to existing completed facilities on the west side of Highway 400.

- Construction of Major Mackenzie Dr (Phase 2) between Islington Ave and Barons St, including the completion of the CPR bridge north retaining wall, including installing guiderail and additional railing.
- Reconstruction of Teston Road between Weston Road and Pine Valley Drive including new sidewalk, trail connections, LED streetlighting, regional cycling facilities and a new bridge structure. This work also included the coordination with the City's Teston Road Improvements EA project between Kleinburg Summit Way and Pine Valley Drive to ensure the completion/extension of required improvements to existing facilities on Stegman's Mill Road.
- Langstaff Road Environmental Assessment (EA) Study to address existing and future transportation needs for Langstaff Road between Weston Road and Highway 7. The proposed improvements will help manage traffic congestion and assist the needs of pedestrians, cyclists, public transit users and motorists. The second and final Open House was held in late 2018. Since the second open house, the project team has been consulting with technical agencies and property owners about the study process, technical investigations, findings and potential benefits and impacts. The project worked closely with MTO and CN to address the complex planning and design challenges at Highway 400 and the CN MacMillan Yard, respectively. Staff provided comments on the Langstaff Road EA draft Environmental Study Report (ESR) in late November 2021. The Langstaff Road EA is anticipated to be filed for public review shortly.
- Teston Road Individual Environmental Assessment (IEA) Study to examine transportation improvements in the Teston Road area between Highway 400, Bathurst Street, Major Mackenzie Drive and Kirby Road commenced in August 2020. The second Online Open House provided an overview of the alternative methods to extend Teston Road between Keele Street and Dufferin Street. The online survey was available for public input from November 29, 2021 to December 20, 2021. The third and fourth Open Houses are anticipated in February 2022 and January 2023, respectively and project completion is planned for summer 2023.

Financial Impact

There are no financial implications resulting from the recommendation of this report.

Broader Regional Impacts/Considerations

Managing congestion and being proactively positioned for the connectivity, mobility and accessibility needs of all users in step with growth is a shared City/Region challenge and responsibility. York Region's transportation projects are leveraging investment in provincial transit and highway infrastructure, delivering strategic arterial network improvements and advancing the implementation of missing links in the City's arterial grid network.

On December 16, 2021, Regional Council approved the 2022 Transportation Services Budget including the draft 2022 10-Year Road and Transit Capital Construction Program

York Region staff continue to work closely with City staff to ensure concerns are addressed and local municipal infrastructure needs such as watermain, sewers, streetlights and sidewalks are included in Regional projects, where possible. A collaborative approach to Designing Great Streets continues with City staff which shifts the street designs away from strictly automobile uses and includes regional streetscaping.

Conclusion

The Region continues to invest significant resources in the expansion and maintenance of the Regional transportation system, with a number of projects underway in the City during 2021. The presentation from York Region will provide an update on York Region's transportation capital projects within the City of Vaughan as of late 2021.

For more information, please contact Selma Hubjer, Acting Director, Infrastructure Planning & Corporate Asset Management, extension 8674.

Attachment

1. York Region 2021 10-Year Roads and Transit Capital Construction Program (Map).

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