
Subject: Transportation Quarterly Update

Report to: Public Works Committee

Report date: Tuesday, June 15, 2021

Recommendations

1. That this report **BE RECEIVED** for information.

Key Facts

- On January 21, 2021, Council approved the Capital budget of which Transportation Services Division received \$54.4M in funding to advance new and ongoing capital projects.
- The purpose of this report is to provide Council members and other stakeholders with an overview and status update of transportation capital projects and studies to be administered, or underway, by the Transportation Services Division of the Public Works Department.
- 2021 Transportation Capital approved projects, prior approved ongoing projects and Transportation Services' 5-Year Capital Outlook projects are identified.

Financial Considerations

Any future financial costs directly associated with the projects outlined in this report that are not already covered within prior approved budgets (up to and including 2021 Capital Budget) will be referred to the Budget Review Committee of the Whole for consideration as part of future budget deliberations.

Analysis

The Transportation Services Division is responsible for the administration of transportation studies and capital project management in order to maintain an effective and efficient Regional arterial road network.

The Division's capital forecast is based on the following criteria and parameters:

- The Transportation Master Plan (TMP) provides the direction, policies and infrastructure improvements required to address planned growth within Niagara Region to future planning horizons. The TMP Implementation Strategy includes:
 - New and revised policies;
 - New strategic transportation corridors and priorities, including Environmental Assessment Studies in support of transportation infrastructure needs;
 - Complete Streets and Active Transportation initiatives; and,
 - Approaches to incorporate multi-modal (walking, cycling, transit, car) platforms.
- Pavements are evaluated annually through the Pavement Management System (Pavement Condition Index - PCI). A future report from Transportation will outline the current PCI key performance indicator (KPI), overall asset management status for Regional Roads, and discuss revisions to the KPI for assessing funding of the pavement assets.
- Structures and Major Culverts are inspected biennially through the Bridge Management System (Bridge Condition Index – BCI). Similar to the PCI, a future report from Transportation will address this performance indicator.
- Asset Management and lifecycle analyses.
- Projects are also prioritized based on safety, risk, environmental impacts and partnership coordination with other stakeholders.

To facilitate the understanding of Transportation's Capital works program, the Division has created two (2) resources that outline project details as listed below:

- **The 2021 Transportation Capital Roads and Bridges Program** (Appendix 1). Capital works categories are defined; followed by a listing of 2021 road and bridge construction projects and associated activities taking place within Niagara.
- **Transportation Services 5-Year Forecast** (Appendix 2). To keep Council, stakeholders and other interested parties informed, a major project list broken down by Local Area Municipality is attached.

Relationship to Council Strategic Priorities

The Transportation Services Division implements capital projects that align with Council's 2019-2022 Strategic Priority of Responsible Growth and Infrastructure Planning, specifically:

Objective 3.3: Maintain Existing Infrastructure

- Sound asset management planning to ensure sustainable investments in the infrastructure needed to support existing residents and businesses, as well as future growth in Niagara

Objective 3.4: Facilitating the Movement of People and Goods

- Commitment to the implementation of Niagara's Transportation Master Plan (TMP), creating an integrated network of roads and highways for the movement of people and goods
- Advocate and support transportation projects, safety and healthy streets, active transportation, and multi-modal travel

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Appendices

Appendix 1	2021 Transportation Capital Roads and Bridges Program
Appendix 2	Transportation Services 5 Year Forecast