



Committee of the Whole Report

Report Number: RD2021-001
Meeting Date: January 12, 2021
Title: **Roads Database Update**
Description: Update on status of the Road Database
Author and Title: Bryan Robinson, Director of Public Works

Recommendation(s):

That Report RD2021-001, Roads Database Update, be received; and

That this recommendation be brought forward to Council for consideration at the next Regular Council Meeting.

Department Head: _____

Financial/Legal/HR/Other: _____

Chief Administrative Officer: _____

Background:

At the Council Meeting of March 21, 2017, Council adopted the following resolution:

CR2017-248

Moved By Councillor Elmslie

Seconded By Councillor Miller

RESOLVED THAT the City continue to provide Limited Service Agreements on Private Roads for any existing agreements including any renewals and pending applications;

THAT no new agreements be accepted for Limited Service Agreements on Private Roads; and

THAT staff be directed to include a program for consideration within the 2018 Operating Budget to determine ownership of unknown road segments.

CARRIED

This report addresses the direction to include a program to determine ownership of roads and also provides an update on statistics of unassumed and private roads for Council's consideration.

Rationale:

Over the past several years, Staff from multiple departments including Public Works, Strategy Management, Realty Services and Engineering and Corporate Assets have been developing and refining a "Roads Database" (database). This report is being provided as an interim update.

Staff started with the roads needs assessment information from Engineering and Corporate Assets as a base document and have been working to expand the information. The intent is to have a single point of reference for all roads data within the City. This new database will be the base document for future roads needs assessments and maintenance commitments for the City.

Roads are broken in to segments to help staff identify what service(s), ownership or other distinguishable features apply to the road segment. The database includes an enormous amount of detail pertaining to the road network within the City where available, such as geometry, length, maintenance service provided, whether the road is part of the capital plan, assumption and ownership (private or City). As a result of the work undertaken to date, the database has over 4550 segments and it continues to

grow as data is updated. Wherever information is available, Staff have added all road segments to the database including City owned right of ways in addition to private, provincial and federal owned roads.

There is currently a wide range of service offered to roads in the City. The database identifies what roads in the City receive what kind of service such as being fully maintained, winter, seasonal grading, none or any combination. The document also identifies if the road is part of the City's capital improvement program. The majority of maintenance activity information has been vetted by Public Works - Roads Staff and will continue to be updated where needed. We have also added information such as identification of which plow route services the road (if any).

Staff continue to refine the maintenance information and add newly assumed road information. The next step is to confirm ownership. The program Council requested to have for consideration in the 2018 budget (CR2017-248) did not move forward as considered due to financial constraints. The Realty Services Division continues to support the project as resources permit for priority needs. This process will continue with the goal of completing the entire asset inventory.

The database allows staff to extract data which will help Council understand where municipal resources are being expended. Moving forward, opportunity exists to add additional details to the services such as identification of where and what waste collection services are offered.

The Office of Strategy Management has supported Public Works to prepare the attached presentation for Council to update them on current status and to offer data for consideration that will be required in future decision making discussions (refer to the presentation attached as Appendix A). In the future, Staff plan to bring the complete database forward to Council for consideration on:

- 1) Service level for roads;
- 2) Costs;
- 3) Assumption of roads where recommended by Staff; and
- 4) In some cases, obtaining ownership.

Other Alternatives Considered:

No alternatives are being considered at this time.

Alignment to Strategic Priorities

This report aligns with the 2020-2023 Kawartha Lakes Strategic Plan as follows:

1. An Exceptional Quality of Life: Defining road inventory for the City will help residents, Council and Staff understand applied level of service so residents can understand what is expected of the City.
2. Good Government: Defining roads within the database will allow planning to understand where development can occur, to allow effective planning of capital programs and will also allow effective and accurate expenditure of municipal resources.

Financial/Operation Impacts:

By receiving this report, there are no financial implications for the City.

Consultations:

Strategy and Performance Specialist
City Solicitor

Attachments:

Appendix A – Roads Database Update Presentation



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Department Head: Bryan Robinson, P.Eng.