

The Corporation of the City of Kawartha Lakes
Council Report

Report Number ENG2020-007

Meeting Date: May 26, 2020

Title: ENG2020-007 Life Cycle Extension, Local Asphalt Road
Section Candidates

Description: RD2007 Local Asphalt Work

Ward Number: All

Author and Title: Mike Farquhar, Supervisor Technical Services

Recommendation(s):

**That Report ENG2020-007, Life Cycle Extension, Local Asphalt Road
Section Candidates, be received.**

Department Head:_____

Financial/Legal/HR/Other:_____

Chief Administrative Officer:_____

Background:

At the January Regular Council meeting the following resolutions were passed.

CW2020-009

That Report MAYOR 2019-001, Deputy Mayor's 2019 Round Table Meetings on Roads, be received;

That staff be directed to provide a report to Council that outline recommendations for the maintenance and improvement of road drainage by the end of Q2, 2020;

That staff be directed to provide a report to Council with recommendations to enhance education and awareness related to our roads network, work plans, and allotted resources by the end of Q2, 2020; and

That staff report to Council each spring regarding life cycle extension needs in relation to the approved budget.

Carried

This report updates Council on the 4th resolution, being updating Council on the proposed projects for the Life Cycle extension program. The other resolutions will be reported on by respective departments that they pertain to.

The intent of the Life Cycle Extension program as outlined in the 2020 Capital program RD2007, is to maintain and preserve roads sections. This is done through the following scopes

Table 1:

Program Types
Local Asphalt Paving
Local Surface Treatment
Micro-Resurfacing
Slurry Sealing
Crack Sealing

The program utilizes these methods in order to sustain road section segments in a reasonable state until such time as a future capital project is programmed.

The main methods of preservation being used in RD2007 for 2020 will be Crack sealing and Local Asphalt paving at different locations throughout the City.

Rationale:

This report is in response to Council resolution **CW2020-009**, to identify locations for local asphalt repair under the Life Cycle Extension program RD2007.

Table 2 is a list of hard topped roads identified by Public Works as requiring repair from spring breakup conditions.

The scope of work for these road sections involve spot repair by resurfacing with an overlay of hot mix asphalt in spot segments of the roads, but is not limited to and can include pulverizing adding gravel and paving. The majority of the work will be done on segments within the described sections in Table 2, with the exception of Shamrock Road where the intention is to pulverize this section and grade it for Public Works to maintain as a gravel road section until it is proposed for resurfacing in the Roads 5 Year Plan. This proposed date is in the 2021 Capital budget.

Table 2:

Area	Name	From	To
Eldon	The Glen	Eldon Road	1.1 km West
Coboconk	Cameron Rd (Norland)	Hwy 35	Hwy 35
Coboconk	Richmond St East/West	CKL 35	East/West
Oakwood	Ramsey Rd	#1169	#1127
Oakwood	Bowen Rd	Washburn Island Rd	Rosies Rd
Fenelon	Chambers Rd	Mark Rd	CKL 21
Emily	Shamrock Rd	Centreline Rd	Sturgeon Rd
Manvers	John St	#266	Hooper
Manvers	Homestead Rd	CKL 12	John St
Bobcaygeon	Cedar Glen	Sturgeon Rd	Loghouse
Burnt River	Northline Rd	Various	Various

Other Alternatives Considered:

The goal will be to tender these sections and complete the work that has been identified by Public Works. Based on tendering and work efficiencies, if there are any remaining funds in RD2007 for additional work it will be prioritized by Engineering and reported back on at a future date to Council.

Financial/Operation Impacts:

This project is being funded from RD2007 and based on the allotted budget within it. It is not anticipated at this time to have any impacts other than the cash flowing of funds in coordination with Finance.

Relationship of Recommendation(s) To The 2016-2019 Strategic Plan:

This project relates to Goal 1 by maintaining the City's existing infrastructure:

- Goal 1 – A Vibrant and Growing Economy

It also aligns with the Strategic Enablers of "Efficient Infrastructure & Asset Management" and "Responsible Fiscal Resource Management".

Review of Accessibility Implications of Any Development or Policy:

N/A

Servicing Implications:

N/A

Consultations:

Public Works

Attachments:

N/A

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Department Head: Juan Rojas, Director of Engineering and Corporate Assets

Department File: ENG2020-007