



Committee of the Whole Report

Report Number: ENG2022-018
Meeting Date: May 3, 2022
Title: Life Cycle Extension, Local Asphalt Road Section Candidates
Description: 9832207 Local Asphalt Work
Author and Title: Mike Farquhar, Supervisor Technical Services

Recommendation(s):

That Report ENG2021-011, **Life Cycle Extension, Local Asphalt Road Section Candidates**, be received; and

That this recommendation be brought forward to Council for consideration at the next Regular Council meeting on May 17, 2022.

Department Head: _____

Financial/Legal/HR/Other: _____

Chief Administrative Officer: _____

Background:

At the Committee of the Whole meetings on September 15, 2020, October 20, 2020 and March 23, 2021 the following resolutions were passed in relation to the Life Cycle Extension program.

CR2021-586

Moved By Councillor Ashmore

Seconded By Councillor Dunn

That Clearview Drive, Emily, be referred to Staff as a candidate for consideration in the 2022 Lifecycle Extension Program.

Carried

CR2021-595

Moved By Councillor Elmslie

Seconded By Councillor Yeo

That Chambers Road, from Mark Road to Highway 35, be referred to Staff as a candidate for consideration in the 2022 Lifecycle Extension Program with the possibility of dividing the project over two (2) years.

Carried

CR2021-599

Moved By Councillor Yeo

Seconded By Councillor Elmslie

That Everett Road, from Highway 35 to Duncombe Drive, be referred to Staff for consideration as a candidate for the 2022 Lifecycle Extension Program.

Carried

CR2021-601

Moved By Councillor Veale

Seconded By Councillor Yeo

That Taylor Road, from Highway 7 to Quaker Road, be referred to Staff for consideration as a candidate for the 2022 Lifecycle Extension Program.

Carried

CR2021-603

Moved By Deputy Mayor O'Reilly

Seconded By Councillor Veale

That Sand Bar Road, South of Cottage Road to Sandbar Park, be referred to Staff for consideration as a candidate for the 2022 Lifecycle Extension Program.

Carried

As well as these resolutions, this report follows the yearly practice of informing Council on the projects within the Life Cycle program as outlined in the resolution below.

CW2020-009

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

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

Carried

CR2021-263

This report updates Council on the proposed projects for the Life Cycle extension program. The intent of the Life Cycle Extension program as outlined in the 2022 Capital program 9832207, is to maintain and preserve roads sections. This is done through the following programs:

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 implemented.

Life Cycle Extension, Local Asphalt Road Section Candidates

The main methods of preservation being used in 9832207 for 2022 will be Crack Sealing, Local Asphalt Paving and Slurry Sealing at different locations throughout the City.

Rationale:

This report is in response to Council resolutions as described in the background of this report, to identify locations for local asphalt repair under the Life Cycle Extension program 9832207.

Table 2 is a list of hard topped roads identified by Public Works as requiring repair from spring breakup conditions. In addition to those roads are road segments that have been reviewed through Council resolutions and requests and or are extensions of work started in 2021.

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.

Table 2:

Localized Resurfacing Locations 2022			
<u>Road</u>	From	To	Estimated Length(meters)
John Street (Pontypool)	Coulter	Telecom	930
Beers Road	At #41	At #41	53
Hayes	Ski Hill	1600m East	1600
Settlers	Tracey's Hill	Pigeon Lake Road	205
Bowen Rd	Washburn Island Rd	#62 Bowen	230
Taylor's	Skyline	Quaker	1400
CKL 30	CKL 25	Hickory Beach	1400
Everett	MTO 35	Duncomb	520
Industrial	Wychwood	South End	250
Fieldside	Tracey's Hill	Pigeon Lake Road	205

The process involved in creating this list involved the review of all road segments as referenced in the Council resolutions mentioned in this report, as well as, lists of road segments submitted by Public Works based on areas of high maintenance concerns. The resolutions and recommendations were then reviewed against the City's current 5 year roads program for timing, as well as, condition need and effectiveness of treatment. Based on this, the list in Table 2 was produced. Any additional road segments will be considered based on available budget.

The following resolutions were reviewed based on the previously mentioned criteria and are not being considered at this time.

Clearview Drive - as requested under CR2021-586 is not being considered for work under the lifecycle program in 2022 as it was not a priority as identified by Public Works as a maintenance concern and as it had received works in 2021. The balance of required works can be completed if additional funds become available in 2022 or considered as a candidate in the same program in 2023 .

Chambers Road - as requested under CR2021-595 was considered for work under the lifecycle program in 2022 as it was submitted as one of many ranked priorities as identified by Public Works however due to scale of cost it was not included in table 2. If additional funds become available in 2022 this section of Chambers would be reconsidered for 2022 or considered as a candidate in the same program in 2023.

Sand Bar Road - as requested under CR2021-603 is not being considered for work under the lifecycle program in 2022 as it was not a priority as identified by Public Works, as a maintenance concern. If additional funds become available in 2022 this section of Sandbar road would be reconsidered for 2022 or considered as a candidate in the same program in 2023.

Other Alternatives Considered:

Beginning in 2021, Engineering has tendered the Rural Resurfacing program and Life Cycle Extension program within one tender for reasons of pricing and administration efficiencies as well as coordination of similar work. This tender was issued as a 1 year with 2-year optional renewal to also allow for pricing efficiencies and expediency with commencing with yearly work. Being this is year 2 of this contract, this work has been scheduled and is anticipated to begin once half loads are lifted.

Alternatively, if Council chooses to fund additional work to be completed within the Life Cycle Extension program, staff would review the next priority sections that had been identified through Council resolutions or by Public Works but not included in Table 2 (due to available budget or priority).

Alignment to Strategic Priorities

The strategic priorities within the 2020-2023 Kawartha Lakes Strategic Plan that report adheres to are:

1. Healthy Environment
2. A Vibrant and Growing Economy
3. Good Government

Financial/Operation Impacts:

The work as listed in Table 2 is estimated to cost approximately \$800,000.00, the budget in 983220701 for asphalt overlay in the Life cycle program is \$865,000.00. We have left the balance for any required Asphalt Cement (AC) price adjustments as stipulated in the contractor's contract. Any balance will be used on the next required priority.

Consultations:

Public Works

Department Head email: jrojas@kawarthalakes.ca

Department Head: Juan Rojas