



THE CORPORATION OF THE TOWNSHIP OF KING
REPORT TO COMMITTEE OF THE WHOLE

Monday, December 14, 2020

Public Works Department
Capital Division Report - Number PW-CAP-2020-25
Re: 10 Year Paving Strategy and Pavement Management Plan (November 2020)

1. RECOMMENDATIONS:

It is respectfully recommended that:

Council approves the 10 Year Paving Strategy and Pavement Management Plan (November 2020), attached as Appendix 'A' to this report.

2. PURPOSE:

The purpose of this report is for Council to approve the 10 Year Paving Strategy and Pavement Management Plan (November 2020) ('Strategy'), attached as Appendix 'A' to this report.

3. BACKGROUND:

At the February 24, 2020 meeting, Council endorsed the 2020 Transportation Master Plan. Within the Master Plan, one of the Short Term Recommendations included the development of a 10 Year Paving Strategy and Pavement Management Plan. It also included an Implementation Plan to prioritize and phase the recommended paving program.

4. DISCUSSION AND ANALYSIS:

WSP was retained to complete an assessment of the Township's existing asphalt and gravel roads that were identified for improvement in the 2016 Roads Needs Study report and by the Township's road operations staff. Council input was also solicited to support and supplement the observations.

The Strategy is a data-driven, evidence-based approach paving plan that was augmented by the 2016 Roads Needs Study (RNS) and the updated 2020 Transportation Master Plan (TMP). This approach utilized the available traffic data, road usage information, and the results of a visual condition survey of the subject roads to determine how the Township should prioritize the paving of the asphalt, surface-treated and gravel roads included in this project for paving over a ten (10) year period between 2021 and 2031.

The study is to provide initial prioritized recommendations for the placement of top course asphalt, gravel to asphalt conversion and road reconstruction throughout the Township over a 10 year period.

This living document will be updated throughout the life of the program every two years through a Roads Needs Study to determine if adjustments are warranted based on collected data and changes in traffic patterns and/or specific road needs. The Draft 10 Year Paving Strategy and Pavement Management Plan was presented to Council at the November 30, 2020 Working Session and was received. Comments received were addressed and are reflected in the final 10-Year Paving Strategy and Pavement Management Plan appended to this Report.

5. FINANCIAL IMPLICATIONS

The recommendations of this report are consistent with the budgetary provisions contained within the Township's 2021 Proposed Operating and Approved Capital Budgets.

6. OFFICIAL PLAN AND INTEGRATED SUSTAINABILITY PLAN LINKAGE

King Township's Integrated Community Sustainability Plan (ICSP) was formally adopted by Council on April 2nd, 2012. King Township's Our King: Official Plan was formally adopted by Council on September 23rd, 2019 which embodies and focuses on the sustainability pillars identified in the ICSP.

The ICSP and Official Plan are the Township's overarching guiding documents based on common values, priorities and the long term vision for King. The 10 Year Paving Strategy and Pavement Management Plan supports the Environmental Pillar and Transportation Theme of The Township of King's Integrated Community Sustainability Plan.

7. CONCLUSION:

The fundamental aim of the 10 Year Paving Strategy and Pavement Management Plan is to guide Township decisions to prioritize the paving of the asphalt, surface-treated and gravel roads within King. The Strategy is complete and is submitted to Council for formal approval.

ATTACHMENTS

Appendix "A" - The 10-Year Paving Strategy and Pavement Management Plan

Prepared by:

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Approved for Submission by:

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