

To: Transportation Committee
From: Sotoria Montanari, CRCOG Program Manager
Date: March 13, 2020
c: Rob Aloise, CRCOG Transportation Director
Bob Jarvis, Town of Windsor
Adam Kessler, Town of Windsor
Subject: LOTCIP funding increase request – Windsor Archer Road L164-0006

A Transportation Committee meeting will take place at 12 PM on Monday, March 23, 2020. At the meeting, we will be discussing and acting on the following:

Windsor Archer Road Rehabilitation Project (L164-0004)



The Town of Windsor is requesting a LOTCIP funding increase of \$953,200 from \$994,800 to \$1,948,000 (95.8% increase) based on the most recent engineering estimate. This project has progressed to the semi-final design phase. The increase in cost is to address the modification of pavement rehabilitation technique which includes increasing the 2" mill and overlay to 4", ensuring a 15-year service life expectancy.

Originally, this project encompassed a pavement rehabilitation project with a 2" mill and overlay with crack sealing. The current condition of the pavement has deteriorated substantially since the application submission. The effects of winter's temperatures have resulted in the propagation of cracking (longitudinal cracking on the entire south lane), leaving openings 3" to 4" deep, decreasing the effectiveness of a 2" mill and overlay. Based on a geotechnical report, the Town's consultant and a third-party consultant assessment, the Town is recommending a 4" mill and overlay to ensure a 15-year service life.



The additions to the cost estimate, including a \$428,000 HMA increase, combined with additional pavement markings and signage, Traffic persons and increases to percentage based estimating items (such as minor items, inflation, incidentals, contingencies, etc.), resulted in the total estimated cost increase of \$953,200.

To ensure a 15-year service road life, staff recommends committee approval of an additional \$953,200 of LOTCIP funding for the Windsor Archer Road (L164-0004) project, increasing the funding approval from \$994,800 to \$1,948,000.