

To: Cost Review Subcommittee
From: Sotoria Montanari, CRCOG Program Manager
Date: December 29, 2016
c: Transportation Committee
Bob Jarvis, Windsor Public Works Director/Town Engineer
Jennifer Carrier, Director of Transportation Planning
Subject: LOTCIP funding increase request for the Day Hill Road Reconstruction Project in Windsor

At our January 9, 2017 Cost Review Subcommittee meeting, we will be discussing and acting on a LOTCIP funding increase request for the Day Hill Road Reconstruction Project in Windsor. The Day Hill Road Reconstruction project (Northfield Drive to Marshall Phelps Road, .36 miles) in Windsor was approved through the 2015 LOTCIP funding solicitation as a Reconstruction Project and is currently in the application phase. Based on the most recent engineering estimate, the Town of Windsor is requesting approval of a LOTCIP funding increase of \$457,180 from \$1,239,600 to \$1,696,780 (37% increase). The funding increase is needed to cover increased costs associated with pavement design revisions identified following analysis of newly acquired geotechnical information and pavement design data.

The original pavement treatment proposed in the application consisted of the reclamation of 9 inches of pavement with the replacement of 5 inches of new pavement. This treatment was based on similar projects along the Day Hill Road corridor, without the benefit of a detailed geotechnical investigation.

Following the review of the initial project application submittal, CRCOG requested additional geotechnical information and pavement design data in order to adhere to the CTDOT/LOTCIP pavement design standards. The Town of Windsor completed a survey of the roadway section and collected additional geotechnical information within the project limits. Based on the updated geotechnical information and the type of pavement distresses present, the Town has proposed a different pavement treatment method. The new design will meet the CTDOT standards and provides a 20-year minimum service life, consisting of the reclamation of 12 inches of pavement with the replacement of 9 inches of new pavement.



Staff recommends the approval of a funding increase from \$1,239,600 to \$1,696,780 for LOTCIP Project Day Hill Road Reconstruction in Windsor.