

To: Cost Review Sub-Committee
From: Sotoria Montanari, CRCOG Program Manager
Date: September 10, 2021
c: Transportation Committee
Rob Aloise, CRCOG Director of Planning
Cara Radzins, CRCOG Transportation Deputy
Devin Cowperthwaite, Director of Public Works, Stafford
Subject: LOTCIP Funding Increase – Stafford Leonard Road Bridge Replacement (L134-0002)

A Cost Review Sub-Committee meeting will take place at 11:30 AM on Monday, September 20, 2021. At the meeting, we will be discussing and acting on the following:

Stafford Leonard Road Bridge Replacement Project (L134-0002)

The Town of Stafford is requesting a LOTCIP funding increase of \$1,198,468 from \$2,601,000 to \$3,799,468 (46% increase) based on the competitive low bid. After successfully completing its LOTCIP design, the town was issued its Authorization to Advertise Letter on August 5 and held its public bid opening on September 8, 2021. The Town received five (5) bid packages ranging from \$3,401,223 to \$5,780,303, considerably higher than the Engineer's estimate of \$2,601,000.



The disparity between the Engineer's estimate and the lowest responsible bidder are due to several factors, which were very difficult to evaluate. This bridge replacement is complicated by complex risks associated with constructing the bridge on top of an existing dam. Contractors have indicated performing the work requires minimizing the vibration to ensure there is no damage to the dam.

Additionally, contractors were concerned about lowering the impoundments and cofferdams required to complete the project. The water level in Riverside Pond cannot be altered as TTM Technologies, owner of the dam, utilizes the water for the processes at their adjacent plant.

Furthermore, the industry has recently seen considerable price increases across the board due to supply chain and labor shortages.

Also included in the bid prices are costs associated with the repair of the dam amounting to \$282,000, which will be considered non-participating costs paid by TTM Technologies.

This will reduce the LOTCIP funding portion to \$3,166,223, however, with the 20% contingencies and incidentals, the total amount of funding to complete the project increases to \$3,799,468.

To allow the town to accept the lowest responsible bidder with costs that are substantially higher due to the complexity of the project and increased unit prices, staff recommends committee approval of an additional \$1,198,468 of LOTCIP funding for the Stafford Leonard Road Bridge (L134-0002) project, increasing the funding approval from \$2,601,000 to 3,799,468.