

To: Cost Review Subcommittee
From: Sotoria Montanari, CRCOG Program Manager
Date: January 4, 2019
c: Transportation Committee
Rob Aloise, CRCOG Transportation Director
Daniel Pennington, Town of Glastonbury
Jim Ford, City of Hartford
Subject: LOTCIP funding increase requests for Multi-Use Trail Project in Glastonbury and Boce Barlow/Main Street Project in Hartford

A Cost Review Subcommittee meeting will take place at 11:30 AM at **CRCOG, 241 Main Street, 3rd floor Hartford, CT** prior to the Transportation Committee meeting on Monday, January 14, 2019. At the meeting, we will be discussing and acting on the following:

- LOTCIP funding increase request for the Multi-Use Trail Project in Glastonbury
- LOTCIP funding increase request for Boce Barlow/Main Street Project in Hartford

Multi-Use Trail Project in Glastonbury

This project has progressed through the preliminary and ninety (90%) percent design phases. Based on the most recent engineering estimate, the Town of Glastonbury is requesting a LOTCIP funding increase of \$206,000, from \$778,200 to \$984,000 (26.4% increase). The increase to the overall project cost is required to address feedback from State and Federal environmental regulators to gain permitting approvals.



Specifically, The Corp of Engineer's permit review resulted in an increase of \$160,000 to install a 165-foot pre-cast concrete boardwalk approximately 600 feet west of Western Boulevard to reduce wetland impact and compensatory flood storage requirements.

Additionally, to address wetland remediation measures, the Town agreed to accept creation of a Conservation easement over a 15 Acre portion of adjacent Town owned land within the Corporate Park.

Specific landscaping was added to the proposed wetland plantings to be incorporated into the water quality swales and the stream bank stabilization area will utilize boulder revetment with live stakes versus root wads because of the proximity of the sanitary sewer pipe. Both changes resulted in an increase of \$25,000.

These additional costs combined with resulting increases to percentage based estimating items (such as minor items, inflation, incidentals, contingencies, etc.), resulted in the total estimated cost increase of \$206,000.



To incorporate State and Federal environmental regulator's requirements for the LOTCIP Multi-Use Trail installation project in Glastonbury, staff recommends the approval of an additional \$206,000 of LOTCIP funding for the project, increasing the costs from \$778,200 to \$984,000.

Boce Barlow Way and Main Street Repaving, Hartford

This project was approved through the 2018 LOTCIP Phase II Solicitation and is currently in the application phase. Based on the most recent engineering estimate, the City of Hartford is requesting a LOTCIP funding increase of \$347,000, from \$1,368,000 to \$1,715,000 (25.4% increase). The cost increase is due to a CTDOT review of the application and the subsequent recommendations based on the evaluation.

Specifically, in the initial application several items were inadvertently omitted in the cost estimate and suggested for inclusion by CTDOT:

Based on the appearance of potholes and alligator cracking on the proposed section of Main Street, partial or full depth patching (with HMA S0.25) was recommended. The partial and full depth deck patches will also be addressed prior to the placement of the bridge membrane and pavement, at a total combined cost of \$144,000.

The concrete pads on Main Street appeared damaged and contained cuts because of utility work. Installing concrete bus pads located at the bus stops amounted to approximately \$66,000 and resetting or replacing of curbing added \$25,000.

These additional costs, combined with resulting increases to percentage based estimating items (such as minor items, inflation, incidentals, contingencies, etc.), resulted in the total estimated cost increase of \$347,000.

To incorporate CTDOT's recommendations for the LOTCIP Hartford Boce Barlow Way/Main Street Repaving project, staff recommends the approval of an additional \$347,000 of LOTCIP funding for the project, increasing the costs from \$1,368,000 to \$1,715,000.

Deck Membrane



Pavement Deterioration

