

To: Cost Review Subcommittee
From: Sotoria Montanari, CRCOG Program Manager
Date: March 10, 2017
c: Transportation Committee
 Duane Martin, Town of West Hartford Engineer
 Jennifer Carrier, Director of Transportation Planning
 Rob Aloise, Principal Transportation Engineer
Subject: LOTCIP - Funding Increase Request for Trout Brook Trail, Phase 6, West Hartford

A Cost Review Subcommittee meeting will take place at 11 AM at **MIRA, 211 Murphy Road, Hartford, CT** prior to the Transportation Committee meeting on Monday, March 20, 2017. At the meeting, we will be discussing and acting on the following:

- LOTCIP funding increase request for the Trout Brook Trail, Phase 6 Project in West Hartford

Project No. L155-0001
Trout Brook Trail Phase 6, West Hartford

This project has progressed through the preliminary and ninety (90%) percent design phases. Based on the most recent engineering estimate, the Town of West Hartford is requesting a LOTCIP funding increase of \$157,200, from \$355,200 to \$512,400 (44.3 % increase). The cost increase is primarily the due to the required retaining walls and mitigation of required tree/vegetation clearing as identified in the design process.

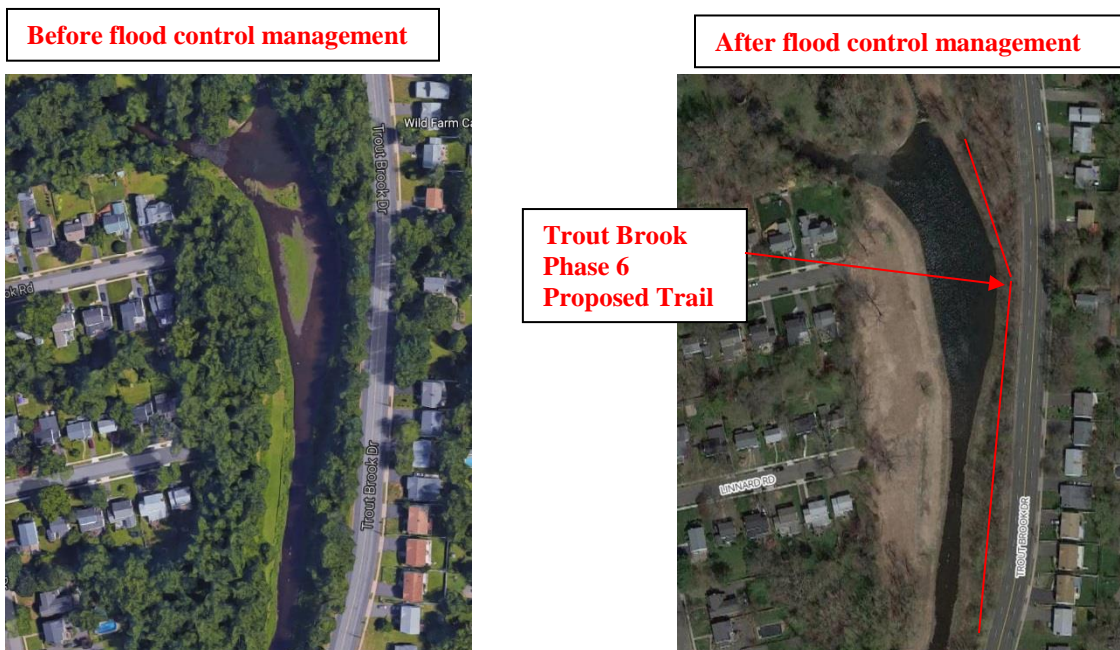
During the design process, the town identified three areas where retaining walls are required to achieve a ten foot wide multi-use trail standard without unacceptably impacting either the adjacent stream flood plain or Trout Brook Drive roadway. Prior to the design process, the Town solicited input from residents, police and bike activists and concluded a ten foot width was appropriate. The town is proposing the use of concrete segmented block retaining walls, which are estimated to increase the project's cost by \$100,000. The length and maximum height of the three walls are shown below.

	Length (ft)	Max. Height (ft)
Wall #1	65	2
Wall #2	260	4
Wall #3	120	3



The trail is proposed on property owned by the Connecticut Department of Energy and Environment Protection (DEEP). DEEP recently conducted a flood control management project in this area which resulted in the removal of a substantial amount of trees (as depicted in photos below). Although a necessary measure by DEEP to control the flood plain, the Town further determined it would be necessary to remove an additional 57 (fifty-seven) trees to construct the multi-use trail path.

Subsequent to the trail project's Town Wetland's Public Hearing application in February 2017, the town aimed to address the needs of residents who were impacted by the tree removal because of their proximity to the trail. The Town goal is to replace any trees removed on a one-to-one ratio. In order to support the residents concerns, adhere to the Town's goal, and to comply with flood control, the Town is proposing mitigation of tree removal by planting forty-five (45) trees outside of the floodplain, but adjacent to the trail. The cost of the tree planting will amount to an additional \$31,000 in project costs.



The total request for increased funding equals \$157,200, which can be attributed to approximately \$100,000 for construction of concrete-segmented retention walls, \$31,000 for planting of trees to mitigate tree removal, and an additional \$26,200 for additional miscellaneous minor items.

Staff recommends the approval of a funding increase from \$355,200 to \$512,400 for LOTCIP Project L155-0001, Trout Brook Multi-Use Trail, Phase 6 Project in West Hartford.