

To: Transportation Committee
From: Sotora Montanari, Program Manager
CC: Rob Aloise, Director of Transportation Planning
Cara Radzins, Deputy Director of Transportation Planning
Jim Grappone, P.E., Interim Town Engineer, Town of Southington
Date: December 6, 2024
Subject: LOTCIP Funding Increase Southington Marion Ave Bridge over unnamed stream Project

A Transportation Committee meeting will be held on December 16, 2024, at 12 noon. At the meeting, we will be discussing and acting on the following:

Southington Marion Avenue Bridge (over unnamed stream) Funding Increase Request (L131-0005)

This Bridge Replacement (stone arch 10' x 7' x 42 ft in length box culvert) Project was originally awarded through the 2024 LOTCIP Solicitation and has progressed through the application phase. The Town of Southington is requesting a LOTCIP funding increase of \$656,005 (42.7%), from \$1,534,000 to \$2,190,005 due to additions to the cost estimate based on CTDOT feedback and Town consultant review.



After CTDOT and consultant reviews, the Town is proposing to add \$215,000 for costs associated with cofferdam (\$100,000) costs and an additional \$115,000 in water handling costs. This is based on past experience from similar bridge/box culvert replacement projects to safely allow for maintaining stream flows during construction.

Additionally, to achieve current standards, CTDOT indicated that metal beam approach rail systems were needed on both sides of the bridge to protect blunt ends of the bridge abutments. However, upon inspection of the guiderail approach area, a driveway is in close proximity to one side of the bridge. Therefore, the Town instead is proposing adding a curved concrete barrier structure on one side, which amounted to an additional \$200,000.

Additionally, there are costs associated with abandoning the existing water main for \$25,000, and additional ROW costs were identified amounting to \$25,000.

The additional costs combined with increases to percentage based estimating items resulted in a total increase of \$656,005.

To incorporate the additional itemized costs of \$656,005 based on CTDOT's application review and Town consultants' review, staff recommends approval of an additional \$656,005 of LOTCIP funding for the Southington Marion Avenue (over unnamed stream) Project (L131-0005) increasing funding from \$1,534,000 to \$2,190,005.