

**To:** Transportation Committee  
**From:** Sotora Montanari, Program Manager  
**CC:** Rob Aloise, Director of Transportation Planning  
Cara Radzins, Deputy Director of Transportation Planning  
Michael Ahern, P.E., Public Works Director for Town of Berlin  
**Date:** October 11, 2024  
**Subject:** LOTCIP Funding Increase Berlin Episcopal Road and Rowley Street Project

A Transportation Committee meeting will be held on October 21, 2024, at 12 noon. At the meeting, we will be discussing and acting on the following:

**Berlin Episcopal Road and Rowley Street Improvements Project**

This project was originally awarded through the 2022 LOTCIP Solicitation and has progressed through the application phase. The estimated construction cost has increased from \$2,670,715 to \$4,992,622. The Town of Berlin is proposing to cover \$380,000 of the increase via a town share and is requesting a LOTCIP funding increase of \$1,941,907, from \$2,670,715 to \$4,612,622 to cover the remainder. Additionally, the Town will defer advancement of another Berlin LOTCIP Project (Burnham and Massirio) until funds are awarded for the Episcopal Road and Rowley Street Project.



After an extensive Town and consultant pavement analysis, this increase in cost is mainly due to the

previously proposed Mill and Overlay Pavement Treatment on the Episcopal Road being revised to Full Depth Reconstruction.

The geotechnical investigation revealed inadequacies in the pavement structure not reflected in the historical information the Town had available in 2021 and 2022. The change from the mill and overlay to full depth reconstruction is a global change, with all the existing pavement and curbing (and unsuitable base and subbase material) needing to be removed and replaced with 6” of asphalt pavement over 12” of processed aggregate rather than 3.25” of asphalt after a 2” mill. In addition, Rowley Street’s new asphalt pavement section increased from a total of 4.75” to 6”, and the underlying processed aggregate base increased from 8” to 12” per DOT frost protection recommendations.

These changes increased several line items significantly, including the quantity for Earth Excavation which increased from 3,500 CY to 11,000 CY with a cost increase of over \$205,000. Additionally, the quantity for Processed Aggregate Base increased from 2,200 CY to 7,300 CY with a cost increase of \$339,000, and Bituminous Concrete (PMA So.375, PMA So.5, HMA So.5) quantity increased from 4,800 tons to 7,700 tons increasing cost by \$454,000.

Also, the 6-inch Concrete Curbing quantity increased from 1,325 LF to 6,200 LF with a cost increase of over \$270,000 and Traffic Officer and Flagger costs increased by over \$135,000.

To incorporate the determination of the need for Full Depth Pavement Reconstruction (in lieu of a Mill and Overlay) on Episcopal Road and pavement design revisions for Rowley Street, and in acknowledgment of the Town’s pledge of \$380,000 towards the project, and deferment of the Berlin Burnham and Massirio Project until the award of this project, staff recommends approval of an additional \$1,941,907 of LOTCIP funding for the Berlin Episcopal Road and Rowley Street Improvements Project from \$2,670,715 to \$4,612,622.