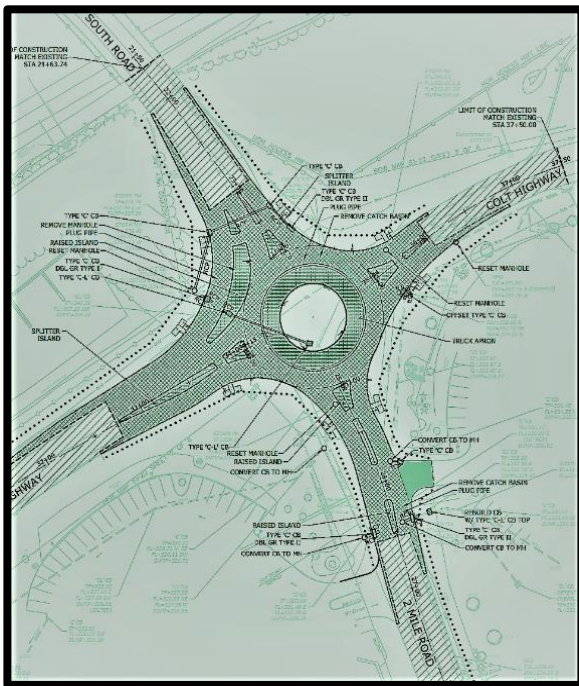


**To:** Transportation Committee  
**From:** Sotoria Montanari, CRCOG Program Manager  
**Date:** December 3, 2021  
**c:** Rob Aloise, CRCOG Director of Planning  
Cara Radzins, CRCOG Transportation Deputy  
Russ Arnold, Director of Public Works/Town Engineer, Town of Farmington  
**Subject:** LOTCIP Funding Increase – South Road/Colt Highway Roundabout (L051-0004)

A Transportation Committee meeting will take place at 12 noon on Monday, December 13, 2021. At the meeting, we will be discussing and acting on the following:

**Farmington South Road/Colt Highway Roundabout Installation (L051-0004)**

This project was originally approved for \$1,520,400 in February 2020 and was transferred from a previously awarded project through the 2015 LOTCIP Solicitation (Colt Highway Improvements). The project has currently progressed through the 100% design phase. Based on the most recent engineer's estimate, the Town of Farmington is requesting a LOTCIP funding increase of \$849,600 from \$1,520,400 to \$2,370,000 (55.8% increase).



Two legs of the proposed roundabout are located on intersecting state roadways (US 6/SR 531). To address concerns from the CTDOT Roundabout Committee review process, the Town is installing 8 inches of PMA pavement structure on 12 inches of new processed aggregate base in the roundabout, the minimum design criteria for a roundabout on State roadways.

Additionally, CTDOT requires that the legs of the roundabout receive 6 inches of PMA pavement on 12 inches of processed aggregate base. The original design estimate had a total of 4 inches of HMA pavement structure on existing base material. Because of this structural design revision, there is a net cost increase of \$302,600 for pavement and \$54,500 in processed aggregate base for the full project reconstruction limits. PMA has been shown to gain an additional 4-6 years of pavement life.

Also, the Town is proposing to include additional granite curbing in the amount of \$108,000.

Additionally, street lighting is being added for traffic safety throughout the roundabout for \$124,000. During construction, an additional \$140,000 for traffic control and construction phasing is needed.

These additional costs combined with increases to percentage based estimating items (such as minor items, inflation, incidentals, contingencies, etc.), resulted in the total estimated cost increase of \$849,600.

**CRCOG Staff recommends Committee approval of an additional \$849,600 of LOTCIP funding for the Farmington South Road/Colt Highway Roundabout Installation (L051-0004), increasing the funding approval from \$1,520,400 to \$2,370,000.**