



4800 Ashford Dunwoody Road  
 Dunwoody, Georgia 30338  
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## MEMORANDUM

**To:** Mayor and City Council

**From:** Todd Meadows, Capital Project Manager

**Date:** May 11, 2020

**Subject:** **Funding Authorization for Stormwater and Pedestrian Improvements at Tilly Mill Road and Andover Drive**

### **BACKGROUND**

In March 2019, the City Council approved funding of up to \$278,000 to realign the northbound lane on Tilly Mill Road near Andover Drive and construct a pedestrian refuge island for the existing crosswalk on Tilly Mill Road. The construction estimate based on Georgia Development Partner's (GDP) unit price contract included site grading, curb, sidewalk, and the refuge island. The estimate also included approximately \$72,000 of stormwater improvements to be funded by the stormwater utility, that were necessary to address deficiencies with the existing roadway drainage and replace aging infrastructure.

Georgia Development Partner's work is nearing completion and several issues have arisen that necessitate an increase in the original funding amount.

1. Utility delays: The original estimate was approved just prior to the expiration of GDP's previous unit price contract in anticipation of construction beginning within a few months. However, the utilities did not begin relocating their facilities in conflict with the project until June 2019 and did not finish until February 2020. By the time GDP was able to begin their work, the original estimate was a year old and based on unit rates from the original contract from 5 years ago. Considering the delay, GDP requested that the estimate be updated to reflect the unit prices in their current contract, which cut into the approved contingency but was still within the originally approved amount.
2. Storm Pipe Relocation to Avoid Unmarked 20" Water Main: A 20" water main was discovered during construction while installing new storm drain pipe. The main was not shown on the design plans because it had not been marked by the County during the field survey for design nor as part of the utility location required for construction. When the main was discovered several segments of stormwater pipe and drainage structures had already been installed that had to be subsequently removed and relocated resulting in an additional cost of \$16,360.
3. Replacement of Unsuitable Soils: Most of the soil encountered has been too soft and wet to be suitable for use as structural fill for the areas of new pavement and sidewalk. A contributing factor has been the extremely high rainfall events in January and February that saturated the ground. In order to keep the project moving forward, the contractor hauled the wet soil offsite and brought in graded aggregate base to replace it. As a result, the quantities of haul off and graded aggregate base have exceeded original estimates.

The additional costs are based on previously agreed upon unit prices.



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**RECOMMENDED ACTION**

Staff recommends increasing the funding authorization to \$355,000 with \$122,000 of the cost allocated to the stormwater utility and the balance of the cost charged against the project's capital project budget. Staff further recommends allocation of \$75,000 from the city's road resurfacing unit price contract with Blount for final repaving of Tilly Mill Road within the limits of the project this month.