



Legislation Details (With Text)

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File created: 9/16/2020 **In control:** Board of County Commissioners

On agenda: 10/12/2020 **Final action:**

Title: Capital Project Amendment No. 21CPA000009 - Increase Snow Hill Road Pump Station and Force Main Replacement Project (DC149) budget by \$2.4M in LOBS funding; and authorize the County Manager to execute a design-build contract amendment with Wharton-Smith/Hazen and Sawyer for GMP#2

Sponsors:

Indexes:

Code sections:

Attachments: 1. 200916 CPA #2_AAF GMP #2 - SHRPS, 2. 200916 Supplemental Doc - GMP #2 - SHRPS, 3. 200916 GMP #2 Package - For Board Approval - SHRPS, 4. 200916 MWBE Compliance Review Form-AAF for Snow Hill Rd PS GMP #2, 5. CPA-09 Legal Form Appropriating Funds Snow Hill (\$2,400,000)

| Date | Ver. | Action By | Action | Result |
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Item:

Capital Project Amendment No. 21CPA000009 - Increase Snow Hill Road Pump Station and Force Main Replacement Project (DC149) budget by \$2.4M in LOBS funding; and authorize the County Manager to execute a design-build contract amendment with Wharton-Smith/Hazen and Sawyer for GMP#2

Date of BOCC Meeting: October 12, 2020

Request for Board Action:

The Board is requested to approve No. 21CPA000009, increasing the Snow Hill Road Pump Station and Force Main Replacement Project (DC149) budget by \$2,400,000 in FY20 LOBS funding; and authorizing the County Manager to execute a design-build contract amendment with Wharton-Smith/Hazen and Sawyer for GMP #2 in the amount of \$8,852,879, as well as approve the construction contingency at (3%) in the amount of \$265,000 to execute any other related contracts including change orders if necessary not to exceed the available budget of \$9,117,879.00 for the design-build Guaranteed Maximum Price #2 for the Snow Hill Road Pump Station and Force Main Project.

The Snow Hill Road Pump Station (SHRPS) was identified as a limiting factor in growth in the Treyburn business district in 2013. Although the SHRPS was upgraded in 2015, the pump station is no longer capable of being upgraded to sufficiently convey wastewater from the Treyburn business district and must be replaced with a larger station and separate force main. Multiple industries within the Treyburn area are in design or construction for expansions of their current facilities; therefore, economic development and job creation will be halted until the SHRPS is complete. On August 26, 2019, the Board approved Capital Project Amendment No. 20CPA000002 in the amount of \$12,685,000 as well as the design-build contract execution with Wharton-Smith/Hazen and Sawyer for \$1,899,449.90. On May 11, 2020, the Board approved GMP #1 in the amount of \$2,965,335.00 to commence construction on early site work.

GMP #2 Contract Package consists of the pump station structural concrete, coatings, process equipment and piping purchase, instrumentation/controls, and electrical. The remaining components of the pump station and force main will be

submitted under future contract amendments. In an attempt to solicit the greatest feedback from the construction industry, the scope of work for GMP #2 was separated into 24 bid packages. Bids were received on August 7, 2020 with a few packages needing re-advertisement due to low participation. The re-advertised bids were received on August 18, 2020. The final bid analysis provided a very low MWBE participation, much of which can be attributed to a robust workload across these industries. Despite the lack of MWBE participation in this GMP Package, the project will continue to solicit MWBE participation in upcoming contract amendments.

| Durham County Capital Projects | Current Budget | Increase/Decrease | Updated Budget |
|---|----------------|-------------------|----------------|
| Snow Hill Road Pump Station (4730DC149) | \$12,685,000 | 2,400,000 | \$15,085,000 |

Alignment with Strategic Plan: This action is in accordance with Durham County Strategic Plan Goal 4: “Environmental Stewardship and Community Prosperity,” as this project will ensure a quality delivery of the Snow Hill Road Pump Station to promote economic development.

Resource Persons: Jay Gibson, P.E. General Manager; Peri Manns, ASLA, LEED GA, Deputy Director Engineering & Environmental Services; Vincent Chirichella, P.E., Sr. Project Manager

County Manager’s Recommendation The Board is requested to approve No. 21CPA000009, increasing the Snow Hill Road Pump Station and Force Main Replacement Project (DC149) budget by \$2,400,000 in FY20 LOBS funding; and authorizing the County Manager to execute a design-build contract amendment with Wharton-Smith/Hazen and Sawyer for GMP #2 in the amount of \$8,852,879, as well as approve the construction contingency at (3%) in the amount of \$265,000 to execute any other related contracts including change orders if necessary not to exceed the available budget of \$9,117,879.00 for the design-build Guaranteed Maximum Price #2 for the Snow Hill Road Pump Station and Force Main Project.

County Manager: _____