



Agenda Action Form Overview

The County Manager recommends the Board approve **Capital Project Amendment No. #####** to amend the Snow Hill Road Pump Station Improvement Project in the amount of \$6,659,581.00 and to authorize the County Manager to execute a design-build contract amendment with Wharton-Smith/Hazen and Sawyer for GMP#4.3 in the amount \$6,659,581.00.

Background/Justification

The Board is requested to appropriate an additional \$6,659,581.00 for the Snow Hill Road Pump Station and Force Main Replacement Project and to authorize the County Manager to execute a design-build contract amendment with Wharton-Smith/Hazen and Sawyer for GMP#4.3 in the amount of \$6,659,581.00.

The Snow Hill Road Pump Station (SHRPS) was identified as a limiting factor in growth of 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. Although Phase 1A of the SHRPS is nearly complete with construction, the existing 12-inch force main will be utilized until completion of Phase 1B which includes the proposed 20-inch force main. During design, it was projected the pump station would provide a firm capacity of 2,450gpm utilizing the existing 12-inch force main and was estimated to sustain growth for 3 to 5-years. While performing acceptance testing of the new pump station, the condition of the existing force main is yielding a lower firm capacity of approximately 2,000gpm. Although an incremental increase of approximately 800gpm will be achieved with the new pump station, the growth of multiple industries in Treyburn business park appears to be outpacing the estimated lifespan of this increase.

Although Durham County economic development was a driving factor behind the expansion of this pump station, consideration was given to the County residents of the nearby Cabin Branch region. This region consists of residential landowners facing deteriorating soil conditions causing septic systems to be nearing the end of their lifespan. Extension of sanitary collection system through this region will allow decommissioning of these failing septic systems and will reduce or eliminate the environmental impacts in the downstream tributaries and lakes.

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. The Board has previously approved GMP#1 on May 11, 2020, GMP#2 on October 12, 2020, GMP#3 on May 24, 2021, and GMP#4 on January 10, 2022. GMP#4.3 Contract Package consists of construction of the horizontal directional drill portion of the force main and procurement of the force main pipe. This portion of work was previously bid and documented in the GMP#4.2 approvals.

Policy Impact

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.



Procurement Background

Type of purchase

- Goods
- Services
- Architect, Engineer or Surveyor Services
- Construction and Repair

Did this request for purchase go through a bid process? Yes No

Goods: Bids required if \geq \$30,000, BOCC approval if \geq \$90,000

Services: Bids required if \geq \$30,000, BOCC approval if $>$ \$40,000

Construction/Repair work: Bids required if \geq \$30,000, BOCC approval if \geq \$500,000

If yes, attach a copy of bid tab and the minority and women business enterprise (MWBE) compliance review form provided by the Purchasing Division.

If no, why?

- Sole source exemption
- Cooperative purchasing program exemption
- State and federal contract exemption
- Contract is an amendment to an existing contract
- Other (please explain)

If exempted from bidding, has this request been reviewed and approved by the Purchasing Division in the agenda Legistar system? Yes No

If no, why?

Fiscal Impact

Additional funding, in the amount of \$6,659,581.00, has been requested as part of a Capital Projects Amendment to supplement the previously approved Capital Project Amendments with current available funding in the amount of \$30,295,000.00. With the approval of the new Capital Projects Amendment, the Snow Hill Road Pump Station and Force Main Project Account will have an available balance of \$36,954,581.00. With the approval of the Guaranteed Maximum Price #4.3 Contract Package of \$6,659,581.00, the total project budget will be at \$35,846,454.90.



Recommendation

The County Manager recommends the Board approve Capital Project Amendment No. ##### to amend the Snow Hill Road Pump Station Improvement Project in the amount of \$6,659,581.00 and to authorize the County Manager to execute a design-build contract amendment with Wharton-Smith/Hazen and Sawyer for GMP#4.3 in the amount \$6,659,581.00.