



Legislation Text

File #: 24-0285, Version: 1

Item:

Approval of Capital Project Amendment No.24CPA00028 Appropriating \$1,696,670 of ARPA grant funds to support the New Slater Road Lift Station, Force Main, and Outfall Capital Project (4130DC001); as well as Approval of a Contract with Design-Build Firm Crowder Construction Company to Provide Pre-Construction Services in the Amount of \$1,615,879; and Authorize the County Manager to Execute the Contract and Any Related Contract Amendments not to exceed \$1,696,670.

Date of BOCC Meeting: June 10, 2024

Request for Board Action:

The Board is requested to approve Capital Project Amendment No.24CPA00028 appropriating \$1,696,670 of ARPA grant funds to support the New Slater Road Lift Station, Force Main, and Outfall Capital Project (4130DC001). The Board is also requested to approve a Utilities Division contract with the design-build firm Crowder Construction Company to provide pre-construction services in the amount of \$1,615,879, as well as authorize the County Manager to execute the contract and any related contract amendments, for an amount not to exceed \$1,696,670.

Project	Current Budget	Increase	Revised Budget
Slater Road Lift Station, Force Main, and Outfall Capital Project (4130DC001)	\$ -	\$ 1,696,670.00	\$ 1,696,670.00
TOTAL	\$ -	\$ 1,696,670.00	\$ 1,696,670.00

A relocated and upgraded Slater Road Lift Station (LS) was recommended in a preliminary engineering report. Upgrades to the LS will increase sewer capacity in the Northeast Creek basin, as well as improve reliability and ease of maintenance. The Slater Road LS was constructed in 1983.

Relocation of the Slater Road LS is recommended for the following reasons:

- The current location lies within Wake County, and customers served in this area can still be served by a gravity system that flows to the relocation point.
- By moving the LS west of I-540, the force main underneath I-540 can be abandoned, thereby eliminating a potential catastrophic liability.
- Roughly 1800 feet of existing force main will be abandoned, which will improve pumping efficiency.
- Construction at the new location allows for the current LS to operate with minimal interruptions or construction conflicts.

This project has a delivery method of progressive design-build and involves an ARPA-approved funding of \$10M.

Dco Engineering is using the progressive design-build delivery method to expedite project completion and meet ARPA requirements for funds obligation (by December 31, 2024) and funds spent (by December 31, 2026). The County will be reimbursed for funds spent within ARPA's eligibility limits (December 31, 2026).

In response to RFQ #24-026 for Progressive Design Build Services, two (2) Statement of Qualifications were received. Crowder Construction Company, teamed with Kimley-Horn and Associates, Inc., were deemed the most qualified team for the project.

The project will occur in phases. Phase I, for which we are requesting this approval, is for the lift station, force main, and sewer outfall field evaluations, permitting/encroachment and associated preliminary activities like flow projections, siting, right-of-way analysis, easement acquisition, surveying, subsurface utility surveys, geotechnical services, and detailed design. Phase I will also result in the development of the GMP.

Phase II, of which we will be seeking BOCC approval later, will include the actual construction.

Alignment with Strategic Plan: This action is in accordance with both Durham County's *current* Strategic Plan and *proposed* DCo Forward 2029 Strategic Plan:

- Current Strategic Plan - Goal 4: "Environmental Stewardship and Community Prosperity," as this project will ensure quality delivery and promote economic development.
- Proposed Strategic Plan Goal - Financial Stewardship: Collecting, funding and managing resources for high quality service delivery.
- Proposed Strategic Plan Goal - Sustainable Infrastructure & Environment: Maintaining, protecting, and improving natural and built systems to support a sustainable community.

Resource Persons: Claudia Hager, Deputy County Manager; Jay Gibson PE, Director of Engineering and Environmental Services; Stephanie Brixey, Deputy Director of Engineering and Environmental Services; Jerry Morrone, Project Manager, Vincent Chirichella, Sr. Project Manager

County Manager's Recommendation: The County Manager recommends that the Board approve Capital Project Amendment No.24CPA00028 appropriating \$1,696,670 of ARPA grant funds to support the New Slater Road Lift Station, Force Main, and Outfall Capital Project (4130DC001). The Board is also requested to approve a Utilities Division contract with the design-build firm Crowder Construction Company to provide pre-construction services in the amount of \$1,615,879, as well as authorize the County Manager to execute the contract and any related contract amendments, for an amount not to exceed \$1,696,670.

County Manager: _____