



Legislation Text

File #: 19-0545, **Version:** 1

Item:

Stirrup Iron Creek Basin Collection System Modeling Contract Amendment with AECOM

Date of BOCC Meeting: November 12, 2019

Request for Board Action:

The Board is requested to authorize the County Manager to enter into a contract amendment to increase the existing design consultant contract with AECOM Technical Services of North Carolina, Inc. (AECOM) (FR# 17-1056) to provide additional engineering services for the Stirrup Iron Creek Basin Collection system capacity analysis tasks (RFQ 17-011) in the amount of \$126,180, bringing the total contract amount from \$94,970 to \$221,150.

To continue economic development in the Stirrup Iron Creek Watershed it is necessary to increase the capacity of the sanitary sewer. Initially, it was believed that a parallel sewer may solve the issue but with continuous development in the area, additional evaluations and modeling need to be completed to determine a size for a new pump station and force main. Stirrup Iron Creek Pump Station upgrades are almost complete and with greater than anticipated growth in the area it is already nearing or at capacity. There are no additional upgrades that can be completed at this pump station to allow for any increase in capacity. The additional engineering services will consist of evaluating Page Point Pump Station and Page Park Pump Station to determine the volume of flow each discharge to Stirrup Creek Pump Station, complete collection system model scenarios of the Stirrup Iron Creek Basin and provide on-call evaluation of capacity requests from new development.

Alignment with Strategic Plan: This action is in accordance with Durham County Strategic Plan Goal 4: “Environmental Stewardship and Community Prosperity”.

Resource Persons: Jay Gibson PE, General Manager; Peri Manns ASLA, Interim General Manager; Stephanie Brixey, Deputy Director of Engineering and Environmental Services; Vince Chirichella PE, Senior Project Manager

County Manager’s Recommendation: The County Manager recommends the Board to authorize the County Manager to enter into a contract amendment to increase the existing design consultant contract with AECOM Technical Services of North Carolina, Inc. (AECOM) (FR# 17-1056) to provide additional engineering services for the Stirrup Iron Creek Basin Collection system capacity analysis tasks (RFQ 17-011) in the amount of \$126,180, bringing the total contract amount from \$94,970 to \$221,150.

County Manager: _____