



Town of Pittsboro, North Carolina

Engineering Department

Memorandum

To: Mayor Cindy Perry and the Town Board of Commissioners

From: Fred Royal, PE
Town Engineer

Date: February 8, 2016

Re: Sanitary Sewer Inflow and Infiltration (I&I) Rehabilitation: *Ordinance Amending the Town of Pittsboro Operating Budget 2015-2016*

Background and Discussion

On November 23, 2015, a memorandum was presented to the Board of Commissioner's detailing the status of the I&I loan award project. The Town of Pittsboro has been awarded a loan approval for this project intended to "find and fix" leaking gravity sewer components. The NC Department of Environmental Quality, Revolving Loan Fund Program is the loan agent.

As described in the November 23 memo, Hydrostructures, P.A., is performing the engineering/design work and WK Dickson is performing GIS data management, quality assurance, Asset Management Plan and prioritization tool development.

As additional back-up information, the initial Sanitary Sewer Evaluation Survey (SSES), which is the Toomer Loop Rd. area, is completed with a cost estimate of approx. \$250k for identified sewer rehabilitation. The NC Revolving Loan Fund approval is for approximately \$450k, leaving a balance of approximately \$200k. Therefore staff began pursuing additional rehabilitation/replacement needs in the sewer collection system, taking advantage of the remaining loan balance at a zero percent APR financing rate.

This work is currently on-going with an approved extension of March 1, 2016 for delivery of our plans and specifications to Revolving Loan Fund. This additional work is time-sensitive and includes sewer flow monitors, smoke testing, video/camera work, identification of priority rehabilitation and engineering plans and specifications.

Staff Recommendation

Staff recommends the Town Board of Commissioners approve the attached *Ordinance Amending the Town of Pittsboro Operating Budget 2015-2016* to finance this additional work by Hydrostructures, P.A.

Additional staff recommendations anticipated in the near future will likely include:

1. Bid Package Preparation and Award
2. Construction Administration
3. Construction Contract

We anticipate that the construction could begin in July, 2016.