



TOWN OF HIGHLAND BEACH

AGENDA MEMORANDUM

MEETING TYPE: Town Commission Meeting

MEETING DATE 02/16/2021

SUBMITTED BY: Marshall Labadie, Town Manager

SUBJECT: Sanitary Sewer Rehabilitation Project: *Capital Planning*

SUMMARY:

At the January 5, 2021 meeting, Baxter & Woodman, Inc. presented the findings from the Closed-Circuit Television (CCTV) inspections of the Town's gravity sewer system along State Road A1A (SR A1A). The next step for the Town Commission is to discuss the timing and funding of the proposed \$1.1 million dollar capital project. The Town Manager has directed the Department of Public Works (DPW) to immediately address the two-line fractures/breaks identified in the study. Additionally, the DPW is reviewing the option of undertaking some minor sewer lining in the area of the two breaks.

The Town Commission has two main options to consider for the remaining sewer rehabilitation project. The first option is to complete the remaining work as a single project that exceeds the current funding limitation of \$350,000 stipulated in Sec. 2.01 (30). As the single project would exceed \$350,000, it would require voter approval at the next local election. The second option would involve dividing the remaining work into smaller projects implemented over several years within the Capital Improvement Plan. The second option should be reviewed by the Town Attorney as it is predicated on the understanding of Sec. 2.01 (30) that reads "any single project or cumulation of projects" shall not exceed \$350,000 in "any given fiscal year."

January 5, 2021 -- Staff Memorandum: Baxter & Woodman, Inc. performed Closed Circuit Television (CCTV) inspections of the Town's gravity sewer system along State Road A1A (SR A1A). The services included coordinating the cleaning and televising of 8-inch thru 18-inch pipe in the gravity main sewer system to provide a condition assessment of the pipeline. The gravity sewer system consists of various types of pipe material and sizes. The Town provides wastewater collection service through a system of gravity sewer mains and service laterals along State Road A1A. The south end of the system is approximately 0.10 miles south of the intersection of SR A1A and Grand Court and the north end of the system is approximately 0.55 miles south of the intersection of SR A1A and Linton Boulevard.

Baxter & Woodman, Inc. coordinated the services of a professional televising and construction company, Shenandoah General Construction, to provide the cleaning and televising of the sewer system from July 29, 2020 to November 12, 2020. Baxter &

Woodman reviewed the results of the cleaning and televising tasks by reviewing the video recordings and reports provided by Shenandoah.

Based upon the results of the cleaning and televising, Baxter & Woodman provided the attached draft report which includes an Engineer's opinion of probable cost totaling \$1,053,371.25 for the repairs and cleaning needed. It is important to note, the Engineer's opinion of probable cost is determined based upon the Engineer's experience and qualifications. The Engineer cannot and does not guarantee that proposals, bids, actual Total Project or construction costs will not vary from opinions of probable construction cost prepared.

FISCAL IMPACT:

Engineer's Estimate: \$1,053,371.25

ATTACHMENTS:

Engineer's Cost Estimate

RECOMMENDATION:

Commission discussion of the capital planning of the sanitary sewer rehabilitation project.