

# BAL HARBOUR


- V I L L A G E -

OFFICE OF THE VILLAGE MANAGER

LETTER TO COUNCIL

NO. 112-2018

To: Mayor Gabriel Groisman and Members of the Village Council

From: Jorge M. Gonzalez, Village Manager 

Date: July 11, 2018

Subject: **Ongoing Rehabilitative Sanitary Sewer System Cured In-Place Sewer Pipe Lining on Collins Avenue**

The purpose of this Letter to Council (LTC) is to transmit to you information regarding the rehabilitative Sanitary Sewer System Pipe Lining Project, utilizing "Cured In-Place Pipe" (CIPP) lining technology which started Tuesday July 10, 2018 on Collins Avenue.

CIPP is considered a trenchless technology with little to no digging involved in the process, making for a potentially more cost-effective and less disruptive method than traditional "dig and replace" pipe repair methods for restoration of damaged pipes. CIPP is a joint less, seamless, pipe-within-a-pipe with the capability to rehabilitate pipes ranging in diameters from two (2) to one hundred ten (110) inches. As one of the most widely used pipe rehabilitation methods, CIPP has applications in sanitary sewer and chemical pipelines. The process uses a resin-saturated felt tube made of polyester, fiberglass cloth suitable for resin impregnation, which is inserted or pulled into a damaged pipe. Access to the pipe is generally gained from an upstream access point (manhole). After a three (3) hour curing period, the result is a tight-fitting, joint less and corrosion-resistant replacement pipe.

During the FY 18 Bal Harbour Village budget process, funds were appropriated to perform this work as opportunities are identified. Subsequent to the funding appropriation, on March 20, 2018, Bal Harbour Village Council Resolution No. 2018-1140 was adopted approving the piggyback agreement with Envirowaste Services Group, Inc. to provide these rehabilitative sanitary sewer line services.

After completion of the sanitary system videotaping and review, the previously identified Utility Master Plan Phase Two Sanitary Rehabilitation Project along Collins Avenue was deemed to be an appropriate use of this technology. Additionally, the entire Collins Avenue sanitary sewer system was also identified for inclusion of these rehabilitative actions.

The development of this project and retention of Envirowaste Services Group, Inc., is consistent with and a result of our course correction for the implementation of the Utility Master Plan, specifically to focus on opportunities to repair and reuse existing infrastructure rather than wholesale replacement.

As of Tuesday afternoon, approximately five hundred fifty (550') feet of sanitary sewer pipe on Collins Avenue was completed with the remaining total project scope of seven thousand three hundred (7,300) linear feet of various pipe diameter sizes ranging from eight (8) inches to twenty four (24) inches, planned for completion within the next seven (7) to ten (10) working days.

If you have, any questions please feel free to contact John Oldenburg directly.

JO/JMG