



Legislation Text

File #: RES 2017-151, Version: 1

AGENDA ITEM REPORT

TITLE:

A RESOLUTION AUTHORIZING THE CITY MANAGER, OR DESIGNEE, TO EXECUTE A WORK AUTHORIZATION WITH R.J. BEHAR & COMPANY, INC. FOR PROFESSIONAL ENGINEERING SERVICES TO DESIGN A WASTEWATER TRANSMISSION LINE ALONG COPANS ROAD AND LYONS ROAD, PURSUANT TO THE EXISTING CONSULTANT AGREEMENT DATED JANUARY 22, 2015.

BACKGROUND:

The City owns and maintains a 20-inch wastewater transmission line (forcemain) along Copans Road to the Broward County North Regional Wastewater Treatment Plant. The line conveys flows from two master lift stations (LS), LS10 and LS12, which pick up flow from eleven satellite lift stations that serve residents south of Sample Road. This cast iron forcemain line has been in operation for approximately 40 years and is approaching the end of its lifespan. The forcemain cannot be taken out of service for repairs in case of emergency.

In 2015, the City contracted with R.J. Behar & Company, Inc. to evaluate and recommend alternatives to replace, rehabilitate, and/or reroute this forcemain. The recommendation was to install an alternate forcemain along Copans Road and Lyons Road to be connected to the County's 54-inch forcemain on Sample Road. This alternative will provide redundancy to this part of the system and allow the City to repair the Copans Road forcemain when necessary by rerouting the sewage discharge via the proposed forcemain.

DISCUSSION:

The City is committed to plan, expand, upgrade, and maintain infrastructure, as well as provide good customer service, including uninterrupted utility services. This Work Authorization provides for engineering services to design a new forcemain. The existing forcemain in question is a major arterial line, which conveys wastewater from the Wynmoor and Township communities to Broward County's North Regional Treatment Plant. By adding a second forcemain, the City will have the flexibility to control its wastewater system flow and be able to repair the existing forcemain when necessary, with no interruptions to customers.

RECOMMENDATION:

Staff recommends approval of this Resolution.

FISCAL IMPACT:

REVENUES: \$ 0

EXPENDITURES: \$ 174,833

BUDGETED? Yes

NOTES: Funding is available from CIP Account No. 4191535 6883, Copans Road Trans. System.