



## Legislation Text

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**TO:** Mayor and City Commission

**FROM:** Douglas E. Smith, City Manager

**DATE:** January 21, 2015

### APPROVING SUBMITTAL OF TWO WATER QUALITY IMPROVEMENT PROJECTS TO THE STATE LEGISLATURE FOR STATE APPROPRIATION CONSIDERATION.

**BACKGROUND:** In Fiscal Year 2014, the City of Margate submitted one project to the State Legislature for appropriation consideration. Phase I of the Sewer Piping Rehabilitation Project received \$100,000 as part of the State's 2014-2015 General Appropriations Act. In preparation for the 2015 State Legislative Session, City staff has identified two (2) projects in which it would like to seek appropriations from the State to fund in part or whole:

- Sewer Piping Rehabilitation Phase II: This project is for a designated sanitary sewer basin (No. 1). The rehabilitation scope will include video survey of the entire basin piping and installation of cured-in-place pipe to repair the leaks. In addition to the water quality protection and general environmental benefits, the cured-in-place lining of sewer pipes is a cost effective alternative to replacement. This process eliminates roadway and private property restoration; does not inconvenience residents; and eliminates environmental impacts typical for a construction site such as Noise, Dust, Traffic Control, etc. The City is requesting funding in the amount of \$400,000.
- Installation of New Force Main (NW 18<sup>th</sup> Street): Sewer spills from sewer forcemain breaks result in significant impacts to the quality of surface water, since large amounts of sewage is spilled to the ground which ultimately discharges to the nearest catch basins and the surface water canal system. Since forcemains are pressurized, impacts from a sewer spill to the quality of life for the residents in the immediate vicinity are significant in terms of contaminated yards, odor, accessibility and traffic control during clean-up, etc. Breaks in forcemain systems are caused by lines operating over their capacity and deterioration of structural integrity of the pipe due to age. Based on a hydraulic model for the City's force main system, the force main located between Northwest 18<sup>th</sup> Street and the Waste Water Treatment Plant (WWTP) was identified as a bottleneck in the system and operating well over its capacity. The City is requesting funding in the amount of \$500,000.

Both projects were included and approved as part of the City's FY 2015 budget.

**RECOMMENDATION:** Approve.

**FISCAL IMPACT:** Both projects are budgeted in the FY 2015 budget. If project(s) are not funded in part or whole by the State, the City has allocated funding in the Water and Wastewater Enterprise Fund.

**CONTACT PERSON:** Reddy Chitepu, P.E., Director of DEES