



## Legislation Text

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**File #: 000255, Version: 0**

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### Gravity Sewer Rehabilitation Hogtown Creek Sewer Interceptor Phase VI (B)

The Hogtown Creek Sewer Interceptor is an existing vitrified clay and cast iron sewer main located within a wooded easement along Hogtown Creek. This phase of the gravity sewer interceptor rehabilitation project includes sections of the sewer main from the 1700 Block of NW 23rd Avenue to the 2000 Block of NW 16th Avenue and a section from the 2800 Block of NW 16th Ave to the 3100 Block of NW 32nd Street. The sewer main has exceeded its expected life and is subject to internal corrosion, breaks, and groundwater infiltration. Due to the depth and location of the sewer main, there is not adequate area within the easement to allow replacement of the sewer main using conventional open trench methods.

Lining the sewer mains with a cured-in-place resin impregnated liner provides a viable and cost effective alternative for the rehabilitation of the sewer main. The Insituform lining of the sewer main will provide increased structural integrity, eliminate internal corrosion and eliminate infiltration of ground water into the sewer system which can exceed the existing gravity system capacity and could result in ground settlement, and ultimate failure of the system. Infiltration also significantly reduces the wastewater collection and treatment system's capacity as well as increasing pumping and treatment costs. These projects are part of an on-going project to reduce infiltration and inflow in the wastewater collection system. In addition to lining the sewer main, the proposal includes the installation and operation of a temporary wastewater bypass pump and above ground force main.

Proposals were obtained from two firms qualified to perform these services. Insituform Technologies, Inc. was the low bidder. A bid tabulation is attached for your reference.

The recommended amount of \$695,000.00 includes a 10% contingency for additional materials and labor, which may be required to complete the work.

The City Commission authorize the issuance of purchase order(s) to Insituform Technologies, Inc. for the rehabilitation of 1,256 linear feet of 21 inch; 3,133 linear feet of 18 inch; 2,076 linear feet of 15 inch; 86 linear feet of 12 inch; and 1,647 linear feet of 8 inch gravity sewer main in the Hogtown Creek Sewer Interceptor in an amount not to exceed \$695,000.00.

Moneys for this project are available in the Gravity System Renewal and Replacement category of the Wastewater Capital Improvements Budget for the fiscal years 1999/00 and 2000/01.

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