



Legislation Details (With Text)

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Title: Discussion of Sanitary Sewer Repairs Contract
15 Minutes

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Attachments: 1. Attachment A - PowerPoint Presentation

Date	Ver.	Action By	Action	Result
6/11/2020	1	Town Council	Received and Filed	

TO: Mayor Bien-Willner and Town Council Members

FROM: Jill B. Keimach, Town Manager
Jeremy Knapp, Community Development Director
Paul Mood, Town Engineer

DATE: June 11, 2020

DEPARTMENT: Engineering

AGENDA TITLE:
Discussion of Sanitary Sewer Repairs Contract

RECOMMENDATION:
Presentation and discussion regarding a proposed contract for sanitary sewer repairs.

SUMMARY STATEMENT:
Per the Town’s Intergovernmental Agreement with the City of Scottsdale for Wastewater Treatment the Town is in the process of completing year four of a five-year sanitary sewer assessment program. The sewer assessment program consists of the inspection and numerical ranking of all sewer pipes and manholes. For sewer pipes, a camera is run through the pipe and a video is taken. The video is then reviewed and the pipe is given a numerical ranking based on its condition. Based on the numerical ranking of the sewer pipes a maintenance program can be developed. Town staff are notified of any immediate repairs needed and notified of any ductile iron sewer pipe found. The harsh sewer environment will corrode ductile iron pipe over time which may result in structural failures. As such, all ductile iron pipe identified, regardless of condition, will be lined with a cast in place sewer liner for use in sanitary sewers.

The sewer assessment program recently identified six locations of ductile iron pipe. Three of the locations need immediate repairs. The recommended repair is to line the sanitary sewer with a cast in place pipe. This is consistent with recommendations from the City of Scottsdale Water Resources Department staff.

The proposed contract will line the six segments of sanitary sewer identified below and shown graphically in the attached presentation:

1. Saguaro Place: 152 feet
2. Mockingbird Lane: 32 feet
3. 69th Place: 322 feet (immediate repair)
4. Roadrunner Lane: 299 feet (immediate repair)
5. Malcomb Lane: 73 feet
6. Invergordon Road: 80 feet (immediate repair)

Staff is recommending a Cooperative Use contract with Achen Gardner Construction based on their existing job order contract with the City of Scottsdale for similar services. Achen Gardner Construction has successfully completed ductile iron pipe sewer lining projects in FY18-19 and FY19-20 for the Town. Staff has been consulting with the City of Scottsdale's Water Resources Department and initiating recommended repairs as the sewer assessment program identifies issues. The contractor will notify residents that may be affected by the sewer repair process and will provide sewer bypass pumping.

The cost of the repairs is estimated at approximately \$275,000 and is within the Town's sewer repair budget for FY20-21. A construction contract will be presented to Council for approval at the June 25, 2020 Council meeting. If the construction contract is approved a notice to proceed will be issued after July 1, 2020.

BUDGETARY IMPACT:

The construction contract is estimated to be approximately \$275,000 and is within the sewer repair budget of \$400,000 for FY20-21.

ATTACHMENT(S):

A - PowerPoint Presentation