

**Requested Council Meeting Date: April 18, 2016
Council Bill No. 2016-119**

**Item: Filmore Bridge Lift Station Rehabilitation/Improvements,
Construction Agreement- Installation of 75hp Pumps/other improvements**

Originating Department: Public Works – Operations

Attachments: 1) Council Bill No 2016-119
2) Bid Tabulation

Public Works –Operations: Lynden Lawson	Date:
Department Head: Nicholas A. Heatherly	Date:
Finance Department: Leslie Haase	Date:
City Attorney: Peter C. Edwards	Date:
City Manager: Sam Anselm	Date:

Recommended Action: Authorization to enter into a contract with **Crews Construction Inc.** to perform installation of three 75hp pumps and construction work on the Filmore Bridge Lift Station. This contract is in the amount of \$367,000 for improvements to the Filmore Bridge Lift Station.

Background: The three (3) existing 50hp pumps have been in place since the mid 1980’s. This lift station has been a hydraulic bottleneck within the system because of the age of the pumps and their depreciated capacity of output. In the mid 1980’s the lift station was built and the pumps were emplaced to handle a significant part of the city wastewater stream. Through preventative maintenance programs and upkeep of the lift station, it has progressed well during these past 30 years. With the diminished output of the pumps and the increased flow during peak flow events, manholes on the north side of the lift station have experienced hydraulic pressure resulting in uncontrolled releases. These manholes were also unable to control the hydraulic pressure forcing the cone off the foundation on two different occasions. During the December flood event, this lift station flooded resulting in the operation of the lift station to come to a halt. This resulted in an uncontrolled release of raw sewage and exposed some flaws in the capabilities of the lift station and the pumps.

Discussion: A bid meeting was held by Allgeier Martin Associates, Inc. in August of 2015 and this project was recently bid and the low bidder was Crews Construction. The cost of this construction work will be paid for from the funds not utilized from Sanitary Sewer Capital funding this fiscal year. The cost of project will be \$367,000.

Recommendation: City staff recommends that approve of this Construction Agreement with Crews Construction Inc. for the amount of \$367,000.00 be approved on an emergency basis in accordance with Section 2.12(6) of the Joplin City Charter.