



Legislation Details (With Text)

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File created:	9/6/2018	In control:		City Council	
On agenda:	9/18/2018	Final action:			
Title:	A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BRIGHTON, COLORADO, ACTING BY AND THROUGH ITS WATER ACTIVITY ENTERPRISE, AUTHORIZING THE REHABILITATION AND PROTECTIVE LINING OF A PORTION OF THE CITY'S SANITARY SEWER MANHOLES BY CONCRETE CONSERVATION INC. FOR THE TOTAL OF TWO HUNDRED THOUSAND DOLLARS (\$200,000.00); AND AUTHORIZING THE MAYOR TO SIGN THE CONTRACT ON BEHALF OF THE CITY AND THE CITY CLERK TO ATTEST THERETO				

Sponsors:

Indexes:

Code sections:

Attachments: 1. Reso - Manhole Rehab, 2. Council Presentation - Manhole Rehab - Revised, 3. Manhole Rehab PPT

Date	Ver.	Action By	Action	Result
9/18/2018	1	City Council		

Department of Utilities

Reference: A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BRIGHTON, COLORADO, **ACTING BY AND THROUGH ITS WATER ACTIVITY ENETRPRISE, AUTHORIZING THE REHABILITATION AND PROTECTIVE LINING OF A PORTION OF THE CITY'S SANITARY SEWER MANHOLES BY CONCRETE CONSERVATION INC. FOR THE TOTAL OF TWO HUNDRED THOUSAND DOLLARS (\$200,000.00); AND AUTHORIZING THE MAYOR TO SIGN THE CONTRACT ON BEHALF OF THE CITY AND THE CITY CLERK TO ATTEST THERETO.**

To: Mayor Kenneth J. Kreutzer and Members of City Council

Through: Philip A. Rodriguez, City Manager

Prepared By: Curtis Bauers, Director of Utilities

Date Prepared: September 6, 2018

PURPOSE

To request City Council acceptance and approval of the bid from Concrete Conservation Inc. and the allocation of the funds to acquire the services to rehabilitate sanitary sewer manholes, and approving the resolution giving the Mayor authority to sign the contract. Municipal Code Section 3.08.090, ". . . All bids and proposals in excess of \$50,000 shall be awarded through formal written procedures by the city council."

BACKGROUND/HISTORY

Sanitary sewer manholes are an integral part of the infrastructure that continuously conveys wastewater to the plant to be treated. Manholes are necessary for changes in direction of gravity pipelines. Also, like the name implies, manholes are access point for operational personnel to maintain, clean, and repair sanitary sewer pipelines to make certain that the wastewater system functions properly. Manholes are typically constructed of concrete, with older manholes being built from brick and mortar. Overtime, manholes experience deterioration and corrosion from the constant off-gassing from

wastewater that is being conveyed through them. If nothing is done to stop or prevent further corrosion, the structural integrity of manholes can be compromised and they need to be removed and replaced which is costly and disruptive.

This project will be to rehabilitate 91 manholes by using a multi-layered polymer lining method. The 91 manholes were chosen based on assessment of condition, age, and the amount of flow seen in the manholes. Consequently, some of the oldest manholes located on the largest conveyance lines are to be rehabilitated in this project.

FINANCIAL IMPACT

Sufficient funding was approved in the 2018 Water Activity Enterprise Fund.

STAFF RECOMMENDATION

In completing the review and evaluation of the bid from Concrete Conservation Inc., the recommendation is to approve the allocation of the funds required to rehabilitate the chosen sanitary sewer manholes, in the amount not-to-exceed Two Hundred Thousand Dollars (\$200,000.00).

OPTIONS FOR COUNCIL CONSIDERATION

- Approval as presented
- Reject

ATTACHMENTS:

- Resolution