

## Legislation Details (With Text)

<b>File #:</b>	17-4817	<b>Version:</b>	1	<b>Name:</b>	SEWER PUMP STATION ELECTRICAL ENCLOSURES
<b>Type:</b>	Agenda Item	<b>Status:</b>		<b>Status:</b>	City Manager Report
<b>File created:</b>	4/13/2017	<b>In control:</b>		<b>In control:</b>	City Council
<b>On agenda:</b>	4/20/2017	<b>Final action:</b>		<b>Final action:</b>	
<b>Title:</b>	SEWER PUMP STATION ELECTRICAL ENCLOSURES				
<b>Sponsors:</b>					
<b>Indexes:</b>					
<b>Code sections:</b>					
<b>Attachments:</b>	1. Presentation - Pump Station Electrical Enclosures 4-20-17				

Date	Ver.	Action By	Action	Result
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### SEWER PUMP STATION ELECTRICAL ENCLOSURES

#### COUNCIL INITIATIVE ADDRESSED:

Provide sustainable water quality & environmental infrastructure

#### CITY ATTORNEY REVIEW: N/A

#### SUMMARY STATEMENT:

The City has embarked on a program to upgrade or replace deteriorated and under capacity sewer pump stations. The new stations require larger motor control equipment due to larger pump capacities, current code requirements, new control and communication systems, standby power, and other factors.

Starting in 2005, staff added a concrete block enclosure to the motor control center design for small pump stations to improve security, increase the life of equipment, and improve working conditions for staff. The new motor control centers are much larger than those being replaced, and the block enclosure further increases the footprint of above ground facilities at the pump stations. At some locations, residents have expressed concerns or objected to the new motor control center design. Staff would like city council direction regarding motor control center design and placement.

#### FINANCIAL SUMMARY:

Providing a concrete block enclosure adds approximately \$20,000 to the typical small pump station replacement cost.

#### RECOMMENDED ACTION:

Direction to staff.

#### STAFF CONTACT:

John Axford, Utilities Engineer