



Staff Report

TO: City Council
FROM: Jennifer Ustation, Finance Director
DATE: September 20, 2022
SUBJECT: Ratification of SmartCovers Contract

Background and Analysis:

All requisitions are required to go through an approval process which includes review from the Finance Department. In the Finance Department's review of a requisition, it was determined that the contract for SmartCovers had been executed without City Council approval. The City of Beaumont's purchasing policy requires all purchases above \$25,000 to have City Council approval. City staff is requesting the ratification of this contract dated May 21, 2021.

SmartCovers are proprietary devices affixed to manhole covers that allow remote monitoring of the levels in the sewer pipe through a satellite connection. This is a unique way to assess flows through the gravity portion of the collection system and can provide alerts indicating a downstream blockage if the levels rise outside established norms. Also, this system allows for inflow and infiltration (I&I) monitoring by comparing dry flows to rain event flows, providing data and suggesting areas of further exploration to reduce I&I. Additionally, the system alerts City staff with a "tilt" alarm upon any attempts of unauthorized access.

The City began a rollout with these devices across eight locations consisting of major underpasses of the I10 freeway and historical hot spots. In the last nine months, the system has alerted City workers to two events that led to the prevention of spills.

Fiscal Impact:

Year-one costs were paid out of project WW-01. Year-two and year-three contract costs total \$19,136.40 each year and are included in the WW-01 project budget.

Recommended Action:

Ratify the three-year contract for SmartCovers totaling \$59,995.20.

Attachments:

- A. SmartCover Systems Contract
- B. SmartCover Information Sheet
- C. SmartCover Screen Shots