



Meeting Date: November 21, 2016

Consent Docket Item: 2c

Report No.: SUA-16-54

Department: Water Resources

Subject: Perkins Road Water Line Replacement Project (16WG06) – additional expenditures

Budget Impact: Appropriation of an additional \$7,200 is necessary for the recommended action. With the SUA Trustees' authorization, the required funds will be appropriated administratively from the Water Capital Fund, which has sufficient funds for this request.

Prior Council Action or Part of an Approved Project: Yes

Related Items: Bid Award: Perkins Road Water Line Replacement Project
[SUA-16-12](#)

Alternatives: The additional \$7,200 is needed to complete the construction.

Recommendation: It is recommended that the Trustees authorize an additional \$7,200 for a total of \$563,200 in construction project expenditures.

Prepared by: Water Resources Staff

Background Information: The Perkins Road Water Line Replacement Project experienced multiple changes during construction. Some of the reasons for minor changes include additional fittings for alignment adjustments due to utilities in the field varying from field marks surveyed during design, changes to the restrained piping used for horizontal borings, fire hydrant riser adjustments, a horizontal boring to replace open cut to improve Tractor Supply's access during the project, additional individual pressure reducing valves (PRVs) needed at high pressure locations and additional fittings required for fire lines.

The two most significant changes accounted for approximately \$31,500 of the overall change order amount. One of the changes related to the addition of community PRVs, which were placed on branch lines to control higher pressures at a cost of about \$19,000. The second major change included

modifications to connections required for the Rural Water District No. 3 (RWD3) system at a cost of \$12,400.

The original contract amount was \$500,859.49 and the Trustees authorized expenditures up to \$556,000, including a contingency of \$50,140.51 (approximately 10%). With line item overruns, changes and liquidated damages that are being applied for missing the final completion schedule milestone, the overall increase to the contract is \$57,274.33 or 11.4%. An additional \$7,200 is needed to complete the project. If the Trustees approve this increase, the new expenditure limit will be \$563,200 and staff will execute the related change order.