

**KINGSBURY GENERAL IMPROVEMENT DISTRICT
AGENDA ITEM #14**

TITLE: Extra cost to purchase 8-inch pipe in lieu of 6-inch pipe for use at Terrace View waterline realignment done by others

MEETING DATE: October 20, 2020

PREPARED BY: Brandon Garden, Utility Operations Superintendent

RECOMMENDED ACTION: Approve cost to purchase 8-inch pipe in lieu of 6-inch pipe for use at Terrace View waterline realignment in the amount of \$3,879.09

BACKGROUND INFORMATION: This item is being brought forward as a formality because it was not specifically called out in the budget and would cause concerns during next years audit.

In the preliminary stages of Douglas County Lake Tahoe Sewer Authorities' sewer force main replacement project there was a separation issue with KGID's watermain and the force main where the two pipes were too close to each other. In this area the pipes were less than 2 feet apart. State and federal requirements require a minimum separation of 10 feet between water and sewer lines. In order to achieve the minimum separation, 260 feet of watermain needed to be relocated. The cost to relocate this line was solely the responsibility of DCLTSA and they would only need to replace with like material and size, but they were kind enough to inquire if we would be interested in installing any additional infrastructure or make any changes while the work was being done by their contractor, White Rock Construction.

This section of main was 6-inch steel and is part of the 5-year plan for waterline replacements. The cost savings to have this section up sized to 8-inch while the force main work is underway is quite substantial. KGID is saving on all construction costs for this section and is only paying for the difference in price to replace the 6-inch pipe with 8-inch pipe. It is a cost savings of nearly \$8,000.00. When the entire waterline is replaced the new section that was installed during the force main replacement will not need to be done.

All aspects of the installation of the new section meets all specifications KGID has in place for new line installations. Both connection points are restrained and new service lines from the main to the meter pits have been replaced.

INCLUDED:

- Cost difference spreadsheet provided by White Rock Construction

Fund impacted by above action:

- All Funds
- Water Fund
- General Fund
- Not Budgeted for
- Not a Budget Item
- Sewer Fund
- Snow Removal Fund
- Emergency Spending