



Council Agenda Report

From: Ditas Esperanza, Capital Projects Engineer

Subject: Award of Design Contract for a Gravity Sewer at Almendra Court near Union Road

Date: June 20, 2017

Facts

1. A lift station was installed many years ago to serve the residents of Almendra Court, near Union Road (see Attachment No. 1). There is an opportunity to eliminate this lift station and install a gravity sewer line, as shown on Attachment No. 2.
2. Replacing the lift station with a new gravity line will reduce life cycle costs, improve the operation of the sewer system, and allow additional housing development within the City (as detailed below under Analysis and Conclusions).
3. The new gravity line (approximately 1,000 linear feet), will be located within an open space easement, and will facilitate additional housing development.
4. North Coast Engineering (NCE) has submitted a scope of work and fee proposal to design the proposed gravity sewer line. Their fee is \$31,802. NCE was selected to design this sewer project because they are the engineers of record for the downstream projects and already have the survey and topographic information that is needed for the Almendra gravity sewer project, which helps to reduce the design costs of this project.

Options

1. Take no action;
2. Award a design contract to North Coast Engineering for the Almendra Court gravity sewer line, in the amount of \$34,900 (including contingency) from the Wastewater Fund.
3. A variant of the above options.

Analysis and Conclusions

1. If the City Council does not take action, the existing lift station will continue to require maintenance and the associated expense (electricity, constant labor costs, etc.) for such maintenance. In addition, a proposed housing development project would be unable to be built.
2. By installing a gravity sewer line, the lift station may be eliminated and with it, the elimination of costs for electricity and labor to maintain the lift. This is an important opportunity to make the sewer system work better, to help housing development, and to reduce long term operating and maintenance costs.

Fiscal Impact

The current request is to design the project and prepare bid documents. When a bid is ready for award, staff will return to the City Council to request authorization for construction. Staff is requesting authorization to proceed with design using a budget appropriation of \$34,900 (\$31,802 fee plus contingency). There are adequate funds in the Wastewater Fund.

Recommendation

1. Authorize a budget appropriation of \$34,900 to design a gravity sewer line so that the lift station at Almendra Court may be eliminated.
2. Authorize the City Manager to execute an agreement with NCE to prepare bid documents to install a gravity sewer line from Almendra Court and across Union Road, so that a lift station at the end of Almendra Court may be eliminated.
3. Authorize the City Manager and City Attorney to make minor changes to the agreement fully consistent with overall Council direction.

Attachments

1. Location Map
2. Gravity Sewer Location Map



