



Council Agenda Report

SUBJECT: A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF RIO VISTA ACCEPTING THE EDGEWATER DRIVE SEWER FORCE MAIN REPLACEMENT PROJECT, 2011, AS COMPLETE AND AUTHORIZING THE CITY CLERK TO FILE THE NOTICE OF COMPLETION

MEETING

DATE: February 2, 2012

RECOMMENDATION

Staff recommends that the City Council of the City of Rio Vista adopt Resolution No. _____, "Accepting the Edgewater Drive Sewer Force Main Replacement Project, 2011 as complete and authorizing the City Clerk to File the Notice of Completion."

BACKGROUND

In the past year, the Edgewater sewer force main has failed twice. The first failure occurred in June 2010 in which the City was able to minimize the damage and avoid a sewage spill. The emergency repair costs were approximately \$20,000. The City subsequently approved a \$100,000 contract to replace the sewer line from Hamilton to the Marina intersection.

The second failure occurred December 19, 2010 and created a sinkhole in Edgewater Drive. This failure caused a sewage spill of 30,000 gallons, which flowed into an adjacent storm drain. The cost to repair the line was \$38,905.50. It is unknown if the City will be fined for this spill. After the spill, the State contacted the City Public Works Department requested a plan to remedy any future incidents on Edgewater, specifically to the sewer force main line. City staff followed up with a letter to the State explaining that the work has been scheduled to be completed, in the near future.

Breaks to the existing pipe are attributed to its age and the activity of corrosive substances common to sewer systems.

On August 24, 2011, the City Council approved a Resolution awarding the Edgewater Drive Sewer Force Main project to Gomes Excavating, Inc. This project was once a part of a much larger single water and sewer replacement project. This project was funded through water and sewer CIP funds. Due to the urgency to complete the Edgewater project, since two sections of the sewer main had previously failed, staff determined, after the larger project was rejected by the City Council, that the best course of action was to separate this project from the larger project and advertise for bids. This allowed the City to utilize a shortened bid window due to the size and simplicity of the project and to better control the project scheduling.

This project was to replace the existing sanitary sewer force main in Edgewater Drive from the City Hall lift station to Hamilton Street. Also, to assure the State that we had corrected any future problems to the area by replacing the old line and installing a new force main.

As with any project, and based on past experience, there is always a chance of encountering unknown utilities when performing underground work in the older part of the City. Preparing for the possible unknown underground utilities, staff requested a contingency to the contract amount totaling \$10,533.00.

REVIEW AND ANALYSIS

The work has been completed, which included the installation of a new sanitary sewer force main line from the lift station behind City Hall to Edgewater Drive and Hamilton Street, minor concrete work, and minor pavement patching. Also, included in the project was pumping the sewage out of the City Hall lift station and into Vactor vacuum trucks while the contractor was completing the reconnection to the sewer force main. The cost for the City to oversee the bypass process during the reconnection was \$4,120.00.

As part of the overall project, there was a change order which was authorized by the City Manager, via his administrative authority, and approved by the City Council on January 5, 2012. The change order items and a description of the work are as follows:

1. Trench repair and 2” asphalt concrete overlay on Edgewater.	\$22,680.00
2. 4” asphalt concrete street repair was made from past work	\$6,240.00
3. Asphalt grinding on Edgewater Drive to blend new and old	\$5,205.00
4. Removal of the top section of three abandoned manholes.	\$6,786.00
5. Repair of belly in 6” gravity sewer line in area of old work.	\$1,739.00
6. Potholing for unknown alignment of existing sewer line.	\$2,854.00
7. Realignment of new sewer line to avoid existing water line	\$4,588.00
8. Trench Line re-paving credit as part of the bid	(-\$11,291.43)
Change Order Total	\$38,800.57
Approved City Council Contingency	(-\$10,533.40)
Total Change Order minus Contingency	\$28,267.17

The Public Works Director and the City Engineer have confirmed that the work is complete by Gomes Excavating, Inc. The Public Works Director and the City Engineer, therefore, recommends that the City accept the work as complete from Gomes Excavating, Inc.

FINANCIAL CONSIDERATIONS

Funding for this specific project was not included in the sewer rate structure. Although, there were funds allocated for other sewer projects, but due to the immediate need to replace this line, funds were reprioritized from the St. Francis/P. G. & E. sewer project to the Edgewater Drive project. The funds for the St. Francis/P. G. & E. project were estimated at \$180,000 and were to be collected this Fiscal Year 2011-12.

The total cost of the Edgewater Drive project was estimated at \$125,000, \$105,334 for the replacement of the sewer line, \$10,533 as a contingency, and \$4,120.00 to divert sewer flows during the reconnection of the sewer force main. The addition of the Change Order added \$28,267.17 to the project for an overall project cost of \$148,254.17.

ALTERNATIVES

- Do not accept the work as complete for the Edgewater Drive Sewer Force Main Replacement Project, 2011, and direct staff not to file the Notice of Completion. Not recommended.

Department Director

Finance Manager

City Manager

Attachment: Resolution

RESOLUTION NO. _____

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF RIO VISTA
ACCEPTING THE EDGEWATER DRIVE SEWER FORCE MAIN REPLACEMENT
PROJECT, 2011, AND AUTHORIZING THE CITY CLERK TO FILE THE NOTICE OF
COMPLETION**

WHEREAS, sewer improvements included in this project have been identified by the City as having the top priority to upgrade the existing sewer and water system, and;

WHEREAS, the project was publicly advertised for bids and eight (8) bids were submitted and opened on August 10, 2011, and;

WHEREAS, Gomes Excavating, Inc. was the lowest responsible bidder with a total bid of \$105,334.00 and;

WHEREAS, adequate funding was supplied for the proposed work from the City Sewer Funds and;

WHEREAS, the City Engineer has inspected the improvements and recommends the City Council accept the work as complete.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RIO VISTA that said Council does hereby accept the Edgewater Drive Sewer Force Main Replacement Project, 2011 as complete and authorize the City Clerk to file the Notice of completion.

PASSED, APPROVED, AND ADOPTED this 2nd day of February, 2012 by the following roll call vote:

AYES: COUNCILMEMBERS _____
NOES: COUNCILMEMBERS _____
ABSENT: COUNCILMEMBERS _____
ABSTAIN: COUNCILMEMBERS _____

ATTEST:

Anna Olea-Moger, CMC
City Clerk