



City of San Leandro

Meeting Date: November 21, 2016

Staff Report

File Number: 16-559 **Agenda Section:** CONSENT CALENDAR

Agenda Number: 8.D.

TO: City Council

FROM: Chris Zapata
City Manager

BY: Keith Cooke
Engineering & Transportation Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: Staff Report for a Resolution Accepting the Work for the Sanitary Sewer Line Replacement/Repair 2012-13 Project, Project No. 2013.0120

SUMMARY AND RECOMMENDATIONS

Staff recommends that the City Council accept the work by Con-Quest Contractors, Inc. for the Sanitary Sewer Line Replacement/Repair 2012-13 Project and authorize the City Manager to file the Notice of Completion, release the performance and payment bonds, and release the maintenance bond upon successful completion of the one-year maintenance period.

BACKGROUND

The subject project replaced approximately 2,200 linear feet of pipe of various sizes, built or reconstructed 26 manholes, along with other miscellaneous repair items as identified on the project plans. These improvements increased the sanitary sewer system's reliability, reduced the frequency of required maintenance, reduced the risk of sewage overflows and improved system access and efficiency of maintenance operations.

Composite non-metallic manhole frames and covers were installed on a trial basis at several locations where sewer gases have corroded the existing metal frames and covers; the performance of these items will be monitored. The non-metallic manhole frames and covers are lighter than their metal counterparts, are unattractive to metal thieves, and are corrosion resistant. The composite covers have locks operable only with special tools to deter unauthorized access.

Analysis

On April 20, 2015 the City Council awarded the construction contract for the subject project to Con-Quest Contractors, Inc. Construction is complete. The work was inspected and deemed to comply with the contract documents and City standards.

To address major emergencies encountered during this project, staff requested and obtained City Council approval to increase the contract amount. Two urgent situations were resolved with this expanded contract: upsizing the deteriorated sewer main on West Juana Avenue, which serves the 200-unit Marea Alta housing development, and repairing a broken sanitary sewer force main line at the intersection of Merced Street and Fairway Drive. The sewer force main was likely damaged during the construction of a PG&E project in 2015. The City submitted a claim to PG&E for the cost of repairs by Con-Quest Contractors and the cost of City staff time associated with the force main repair and clean-up efforts.

Current Agency Policies

- 2015 City Council Goal: Maintain and enhance City's infrastructure.

Previous Actions

- On July 21, 2014, the City Council by Resolution No. 2014-079 rejected all bids for the subject project.
- On April 20, 2015, the City Council by Resolution No. 2015-083 awarded the construction contract in the amount of \$1,114,310.00 for the subject project to Con-Quest Contractors, Inc. and appropriated an additional \$279,512.00 of Water Pollution Control Enterprise Funds to allow for the inclusion of the Additive Bid Item.
- On September 8, 2015, the City Council by Resolution No. 2015-153 authorized the City Manager to negotiate and approve Contract Change Orders up to 25% for the contract with Con-Quest Contractors, Inc. and also for other active construction contracts. No funding appropriation was included or necessary with Resolution No. 2015-153.
- On April 4, 2016, the City Council by Resolution No. 2016-041 appropriated \$291,510.04 of Water Pollution Control Enterprise Funds and approved an increase in the contract change order cap from 25% to 40%
- On July 18, 2016, the City Council by Resolution No. 2016-094 appropriated \$313,388.84 of Water Pollution Control Enterprise Funds and approved an increase in the contract change order cap from 40% to 60%

Applicable General Plan Policies

- Policy 52.04: Maintain efficient, environmentally sound, and cost-effective wastewater collection and treatment services in San Leandro.

Environmental Review

This project was deemed categorically exempt from the California Environmental Quality Act (CEQA) per Section 15302 - Replacement or Reconstruction, Class 2. The Notice of Exemption was filed with the Alameda County Recorder's Office on July 22, 2013.

Summary of Public Outreach Efforts

This project was advertised in the Daily Review on February 26, 2015 as well as the World Journal, South County Post and Vision Hispana Newspaper, the circulations of each reflecting the diversity of San Leandro. Staff also notified contractors interested in working with the City

via email and sent plans to bid shops and plan rooms.

The contractor notified residents and businesses whose properties were directly impacted by construction by passing out flyers and talking to them in person.

Fiscal Impacts

The total project cost was \$1,972,473.70, which includes design, construction, and construction administration.

A summary of the sewer repair contract with Con-Quest Contractors, Inc. is below:

Original Contract	\$1,114,310.00
Change Orders	<u>\$627,521.73</u>
Total Contract Amount	\$1,741,831.73

Budget Authority

<u>Account No.</u>	<u>Appropriation Date & Reso./Budget Yr.</u>	<u>Amount</u>
593-52-253	July 2012, Budget 2012-13	\$500,000.00
593-52-256	July 2013, Budget 2013-14	\$500,000.00
593-52-256	April 2015, Budget 2014-15	\$100,000.00
144-38-340	July 2014, Budget 2014-15	\$20,488.00
593-52-253	April 20, 2015, Resolution 2015-083	\$279,512.00
593-52-253	April 4, 2016, Resolution 2016-041	\$291,510.04
593-52-257	July 2014, Budget 2014-15	\$5,000.00
<u>593-52-253</u>	<u>July 18, 2016, Resolution No. 2016-094</u>	<u>\$313,388.84</u>
	Total Allocation	\$2,009,898.88

Surplus funds totaling \$37,425.18 will be returned to fund balance.

Attachments

- Project Photos - Sanitary Sewer Line Replacement-Repair 2012-13
- Project List of work performed throughout the City

PREPARED BY: Kyle K. Lei, Associate Engineer, Engineering and Transportation Department

Completed sewer trench on W. Juana Avenue.



New manhole at E. 14th Street & Cambridge Avenue



New manhole on Estudillo Ave adjacent to Galvan's Market



Sidewalk restoration on Farrelly Drive



Council District	Distress Location	Repair Description
5	Durant Ave between Myers Ct and Kenilworth Ave	Replace entire line segment and also one brick manhole
5	Durant Ave at Myers Ct	Replace MH 300+60 (PVC-lined) and repair broken line segment to the east
5	Broadmoor Blvd at Macarthur Blvd	Replace damaged pipe
5	Broadmoor Blvd at Macarthur Blvd	Replace damaged pipe
5	1180 Victoria Ave	Replace frame and cover
5	918 Alice Ave	Re-channel manhole
5	958 Alice Ave	Replace manhole
5	230 W Broadmoor Blvd	Replace 28' of pipe from 212' to 240' downstream
5	134 Sunnyside Dr	Replace frame and cover
5	Sunnyside Dr at Breed Ave	Remove 4' pipe and replace brick manhole
5	642 Dowling Blvd	Replace 9' of pipe immediately downstream of MH 341+26
5	E 14th St at Georgia Way	Replace manhole (PVC-lined)
1	Cary Dr at San Jose St	Storm drain reconfiguration
5	1166 Glen Dr	Replace CO with MH (no-PVC). Construct 90' new sewer
1	Rodney Dr at Cary Dr	Rechannel manhole with mortar
1	1010 Bridge Rd	Replace manhole. Replace line segment through pipe-bursting. Upsize from 6" VCP to 8" HDPE. Extend pipe to Estudillo and add new manhole.
1	Brookvale Dr at Daniels Dr	Open trench to replace pipe, which has multiple sags/risers.
5	Cambridge Ave at E. 14th St	Replace manhole (PVC)
5	Garcia Ave at E. 14th St	Replace manhole (PVC)
5	Lorraine Blvd at Lafayette Ave	Reconfigure merge per detail, replace 108 to 110 and 224 to 228
1	1135 Sandelin Ave	Remove 5' of pipe (hand-dig)
5	282 California Ave	Replace manhole (no-PVC)
5	372 Toler Ave	Replace with new Type A manhole
5	399 Arroyo Ave	Replace line with 8" C900 PVC and replace brick manhole
5	332 Arroyo Ave	Replace manhole (no-PVC)
5	Callan Ave 60' east of E. 14th St	Replace 2' pipe starting at 100.5' downstream
1	Juana Ave at Santa Maria St	Replace 2' pipe
1	Dolores Ave at Bancroft Ave	Remove 3' of pipe
1	Maud Ave at E. 14th St	Remove and replace 2' from 394' to 396' downstream.
1	1690 E. 14th St (Maud Ave side)	Remove and replace 8' from 355' to 363' downstream. Eliminate lampole at 356' downstream.
1	1690 E. 14th St (Maud Ave side)	Remove and replace 5' from 342' to 347' downstream
1	249 Maud Ave	Remove and replace 2' from 156' to 158' downstream
1	348 Maud Ave	Replace MH 213+15 (PVC-lined)
1	348 Maud Ave	Remove and replace 2' from 630' to 632' downstream
1	397 Maud Ave	Remove and replace 6' from 315' to 321' downstream
1	451 Maud Ave	Remove and replace 3' from 101' to 104' downstream
1	485 Maud Ave	Replace MH 213+17 (PVC-lined). Remove and replace pipe segment from 0' to 2' downstream.
2	867 Kenyon Ave	Replace with new Type A manhole (no-PVC)
1	1218 Ardmore Dr	Replace 18' of pipe from 85' to 103' downstream of MH 190+08
1	Benedict Dr approximately 15' south of Ardmore Dr	Replace 20' of pipe from 219' to 239' downstream of MH 190+09
1	1201 Sandelin Ave	Remove and replace 15' of pipe (hand-dig)
1	Castro St at Hays St	Replace manhole (no-PVC)
3	1712 Pacific Ave	Re-channel manhole, replace 3' of pipe 191.5 to 194.5 downstream
3	Harlan St at railroad tracks approximately 490' west of San Leandro Blvd	Fix pipe break towards MH 107+19 a few feet away from 107+03.
1	Washington Ave at Estabrook St	Replace with new Type A manhole (PVC-lined)
1	2252 E 14th St	Replace manhole (PVC-lined) and pipe segment 110-113 feet upstream
1	508 Marina Blvd	Replace pipe upstream of MH. Also need to smooth out MH shelves with mortar
1	Cherry St at 2nd Ave	Replace with new Type A manhole (PVC-lined)
6	Carden St at Davis St	Replace frame and cover with composite type
6	Carden St at Davis St	Replace frame and cover with composite type
6	1195' east of Carden/Davis	Replace frame and cover with composite type
6	265' west of Beecher/Davis	Replace frame and cover with composite type
6	Underneath Bridge @ Beecher/Davis	Replace frame and cover with composite type
6	Underneath Bridge @ Beecher/Davis	Replace frame and cover with composite type
5	Dorchester Ave at Farrelly Dr	Merge from MH 303+01 needs to be smoother. Add new MH (no-PVC)
5	397 Farrelly Dr	Replace frame and cover with composite type
6	2059 Reynolds St	Replace 3' pipe from 124' to 127' upstream 021+13; replace 3' pipe 133' to 136' upstream 021+13
6	North Blvd	Replace sagging portion of sewer main
6	West of Reynolds St	Remove 3' pipe to take out spike
6	1126 Davis St	Uncover MH and adjust frame and cover to grade
6	1126 Davis St	Uncover MH and adjust frame and cover to grade
6	Virginia St at Midway Ave	Replace manhole (no-PVC)
6	2347 Fairway Dr	Replace 4' of pipe from 177' to 181' downstream of MH 123+03
6	Bermuda Ave at Acapulco Rd	Hole is just west of MH 130+09 downstream towards 130+08. Reconfigure merge for NB pipe into MH 130+09 to improve flow.
1	Vistagrand Dr at Darius Way	Remove 5' of pipe adjacent to 192+19
1	San Rafael St at Emerald Ave	Raise manhole frame and cover to surrounding grade
1	San Rafael St at Elsie Ave	Raise manhole frame and cover to surrounding grade
2	14986 Patton Ave	Raise manhole frame and cover to surrounding grade
2	148th Ave and Wake Ave	Raise manhole frame and cover to surrounding grade
2	13875 Velarde Dr	Raise manhole frame and cover to surrounding grade
2	Fulton Ave at Evergreen Ave	Raise manhole frame and cover to surrounding grade
2	1515 138th Ave	Raise manhole frame and cover to surrounding grade
2	14180 Rose Dr	Raise manhole frame and cover to surrounding grade
2	14220 Rose Dr	Raise manhole frame and cover to surrounding grade
2	Rose Dr at 139th Ave	Raise manhole frame and cover to surrounding grade
2	1395 139th Ave	Raise manhole frame and cover to surrounding grade
6	South of Marina Park near entrance to parcourse	Storm outfall repair
6	Preda St at Tulip Lane	Manhole replacement
5	Bancroft Ave between Dutton Ave and Oakes Blvd	Replace manhole frame and cover
2	1572 Halsey Ave	Repair City connection to County flood canal
5	551 Pala Ave	Storm drain pipe repair
1	Marina Blvd at San Leandro Blvd	Repair damaged sewer main
1	Santa Maria at Juana Ave	Replace brick manhole
1	397 Maud Ave	Construct new sewer manhole
5	450 Arroyo Ave	Replace brick manhole
6	Water Pollution Control Plant drying beds	Repair damaged asphalt concrete
3	Marina Blvd just east of I-880	Raise two manhole frames and covers that were buried beneath the pavement
3	1968 Alvarado Street	Emergency repair of clogged sewer main
3	Merced St at Fairway Dr	Repair of leaking sewer force main
1	W. Juana Ave between San Leandro Blvd and Carpenter St	Replace sewer main



City of San Leandro

Meeting Date: November 21, 2016

Resolution - Council

File Number: 16-560 **Agenda Section:** CONSENT CALENDAR

Agenda Number:

TO: City Council

FROM: Chris Zapata
City Manager

BY: Keith Cooke
Engineering & Transportation Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: RESOLUTION Accepting the Work for the Sanitary Sewer Line Replacement/Repair 2012-13 Project, Project No. 2013.0120 (provides for the acceptance of contract work by Con-Quest Contractors, Inc., filing of the Notice of Completion, release of the performance and payment bonds, and release of the maintenance bond upon completion of the one-year maintenance period)

WHEREAS, pursuant to a construction contract between the City of San Leandro and Con-Quest Contractors, Inc. approved on April 20, 2015, by Resolution No. 2015-083, Con-Quest Contractors, Inc. has completed the Sanitary Sewer Line Replacement/Repair 2012-13 Project; and

WHEREAS, said work was completed in accordance with the plans and specifications and to the satisfaction of the Engineering and Transportation Director, who therefore recommends that said work be accepted.

NOW, THEREFORE, the City Council of the City of San Leandro does RESOLVE as follows:

1. That the work hereinbefore described is hereby accepted; and
2. That the City Clerk is hereby directed to file a Notice of Completion on said project; and
3. That the bonds heretofore given for performance and payment of said conditions are hereby discharged and exonerated from further liability when the statute of limitations expires after the recording of the Notice of Completion; and
4. That upon completion of the one-year maintenance period established pursuant to said contract, and to the satisfaction of the Engineering and Transportation Director, the City Manager is hereby authorized to release the maintenance bond heretofore given for

maintenance of the work hereinbefore described.