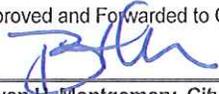


## STAFF REPORT

**Date:** Tuesday, March 22, 2016  
**To:** Bryan H. Montgomery, City Manager  
**From:** Kevin Rohani, Public Works Director/City Engineer  
**SUBJECT:** **Adopt a resolution authorizing the City Manager to pay Sizemore Construction, Inc. for emergency storm drain repairs**

Approved and Forwarded to City Council:

  
Bryan H. Montgomery, City Manager

### Introduction

On March 3, 2014, the City Council adopted Resolution No. 19-14 which approved On-call services agreements with TerraDan Construction, Inc., J. W. Backhoe & Construction, Inc. and Duran & Venables, Inc. for maintenance and repairs of City infrastructure. During the time since the approvals, City Staff has successfully and efficiently handled a variety of repairs, using these contractors, including repairing sinkholes in streets, replacement of damaged guard rails, repaired plugged and damaged storm drain pipes and many other items.

Since approval of the agreements, TerraDan Construction, Inc. (TerraDan) closed down and Tommy Sizemore, one of the Principals of TerraDan, started his own construction business here in Oakley. Mr. Sizemore had been the contact person and the project manager on all projects handled by TerraDan during this period, so all projects with TerraDan were transferred to Sizemore Construction, Inc. (Sizemore).

### Background and Analysis

On Thursday, February 18, 2016 Staff was notified by Contra Costa Water District (CCWD) that a CCWD crew had encountered a problem with a City storm drain line while attempting to repair a CCWD water line in the rear yard of 3015 Torre Ramel Lane. Staff met onsite with the CCWD crew and observed the 24" diameter concrete water line crossing over and running approximately 7.5" inside the top of the 36" diameter plastic (High Density Polyethylene) storm drain pipe with a portion top of the 36" pipe cut out. The CCWD crew had removed some concrete that had been placed around the two pipes to seal the hole and the hole was plainly visible.

City staff quickly realized that repairs to the storm drain pipe had to be started and completed as soon as possible since there was a clear possibility that residents rear yards were in danger of flooding if a significant amount of rain fell before work was completed.

Over the next several days, a plan was developed for the repair of the 36" storm drain pipe and to coordinate the work between Staff and the CCWD crew. Sizemore

started work immediately and had crews working over the weekend and nights until the storm drain pipe was repaired. By Thursday, February 25th the repairs were completed on both pipes as the result of all parties working cooperatively and efficiently during the week.

City staff continually monitored and inspected the work being performed by Sizemore for the duration of the project.

The order of work included dewatering the pipeline which required clearing some trees and brush in the stream that the pipe drains to, constructing a small, temporary dam and setting up pumps to move the water past the dam. The pumps ran 24/7 all weekend and through Wednesday before they were shut down.

Once the pipeline was dewatered, a trench was excavated upstream from the crossing of the CCWD pipe and the top of the pipeline was exposed. A section of the top of the pipe was opened to permit the slipping of the new 24" pipe in, and about 75' of the new line was installed.

The final step was to pump concrete into the 36" pipe around the 24" pipe in both the locations where the pipes crossed, as well as where the top of the pipe was exposed. The concrete was placed to seal around the new pipe to keep water in and dirt out.

After this was completed, the excavation upstream of the pipe crossing was filled with dirt and graded back to its original condition.

During this period, discussions occurred between all of the people involved and it was determined that the concrete waterline pipe had been installed first, in the 1950's, and the HDPE water pipe came later. For some reason, possibly insufficient slope, the storm drain pipe was too high to cross under the so the contractor cut out the top to be able to raise it. It was also established that the storm drain pipe was installed before Oakley incorporated, so the work was done while it was still in the County.

### **Summary**

City staff, Sizemore personnel and CCWD personnel were able to work together cooperatively and quickly to develop a repair plan that was satisfactory to both agencies and to complete the repairs within a very short time frame.

### **Fiscal Impact**

The construction cost for this emergency storm drain repair project will be paid for from the City's Storm Drain Fund that is designated for Storm Drain related projects. Since the City Manager has authorization for paying emergency expenditures up to \$25,000, this item is presented to the City Council for authorization of payment. The cost for repair work is \$86,729.12.

**Recommendation**

Staff recommends that the City Council adopt the resolution authorizing the City Manager to pay the invoice from Sizemore Construction, Inc. in a total amount of \$86,729.12, for the storm drain repair at 3015 Torre Ramel Lane.

**Attachments**

1. Resolution
2. Pictures

**RESOLUTION NO. XX-16**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OAKLEY AUTHORIZING  
THE CITY MANAGER TO PAY SIZEMORE CONSTRUCTION, INC. FOR  
EMERGENCY STORM DRAIN REPAIRS**

**WHEREAS**, On March 3, 2014, the City Council adopted Resolution No. 19-14 which approved an on-call services agreement with TerraDan Construction, Inc., for maintenance and repairs of City facilities; and

**WHEREAS**, Sometime after approval of the on-call services agreement, TerraDan Construction, Inc. (TerraDan) closed down, Tommy Sizemore, one of the principals of TerraDan, started his own construction business here in Oakley called Sizemore Construction, Inc. (Sizemore) and all projects with TerraDan were transferred to Sizemore Construction, Inc.; and

**WHEREAS**, On Thursday, February 18, 2016, Staff was notified by Contra Costa Water District (CCWD) that a CCWD crew had encountered a damaged City storm drain pipe while attempting to repair a CCWD water line in the rear yard of 3015 Torre Ramel Lane; and

**WHEREAS**, Also on February 18<sup>th</sup>, City Staff met with CCWD staff onsite, a plan was developed for the repair of the storm drain pipe and to coordinate the work between Staff and the CCWD crew; and

**WHEREAS**, Also on February 18<sup>th</sup>, City Staff met with Sizemore, discussed how to make the necessary emergency repairs to the storm drain pipe and directed Sizemore to commence dewatering operations needed to be able to perform the repair work; and

**WHEREAS**, Dewatering operations continued 24 hours/day over the weekend and through Wednesday, February 24 while a new pipe was installed inside the existing damaged pipe and sealed inside with pumped concrete; and

**WHEREAS**, On Thursday February 25<sup>th</sup>, emergency repair work was completed on both the City's storm drain pipe and CCWD's water pipe; and

**WHEREAS**, The construction cost for this emergency storm drain repair project is \$86,729.12 and exceeds the \$25,000 limit the City Manager can authorize for paying emergency expenditures.

**NOW, THEREFORE, BE IT RESOLVED** by the City Council of the City of Oakley that the City Manager is authorized to approve payment of \$86,729.12 to Sizemore Construction, Inc. for the completed emergency repair work to the City's storm drain pipe at 3015 Torre Ramel Lane.

**PASSED AND ADOPTED** by the City Council of the City of Oakley, California, this 22<sup>th</sup> day of March 2016 by the following vote:

AYES:

NOES:

ABSTENTIONS:

ABSENT:

APPROVED:

\_\_\_\_\_  
Kevin Romick, Mayor

ATTEST:

\_\_\_\_\_  
Libby Vreonis, City Clerk

\_\_\_\_\_  
Date



The CCWD water pipe is on top of the storm drain pipe and the hole in the storm drain pipe is partially visible.



The CCWD water pipe has been partially removed and the hole in the storm drain pipe is visible on both side of the water pipe.



The new section of water pipe is in place as is the new storm drain pipe inside of the old pipe.



The crew is pumping concrete into the space inside the old storm drain pipe to seal it with the new pipe inside.



This is a short piece of the new 24" pipe that was placed inside the existing storm drain pipe.