



Agenda Report

Fullerton City Council

MEETING DATE: APRIL 2, 2019

TO: CITY COUNCIL / SUCCESSOR AGENCY

SUBMITTED BY: KENNETH A. DOMER, CITY MANAGER

PREPARED BY: MEG McWADE, DIRECTOR OF PUBLIC WORKS
DAVID GRANTHAM, SENIOR CIVIL ENGINEER
PAUL LUBLINER, ASSOCIATE ENGINEER

SUBJECT: MISCELLANEOUS STORM DRAIN IMPROVEMENTS ON
SHEPPARD DRIVE AND MIRAMAR DRIVE

SUMMARY

Award a construction contract to Nu Line Technologies for the Miscellaneous Storm Drain Improvements on Sheppard Drive and Miramar Drive and ratify emergency work performed by Dominguez General Engineering.

RECOMMENDATION

1. Approve the plans and specifications for the Miscellaneous Storm Drain Improvements on Sheppard Drive and Miramar Drive Project.
2. Approve a budget transfer in the amount of \$240,000 of Drainage Capital Fund from Project 52590 Miscellaneous Storm Drain Improvements 18-19 to Project 52588 Miscellaneous Storm Drain Improvements on Sheppard Drive and Miramar Drive.
3. Ratify the construction contract between Dominguez General Engineering and the City of Fullerton in the amount of \$80,200 for emergency repair work performed.
4. Approve the construction contract between Nu Line Technologies and the City of Fullerton, in a form approved by the City Attorney, in the amount of \$164,360.
5. Authorize the Public Works Director to approve any future change orders for construction and professional engineering construction support services within the approved project budget.

PRIORITY POLICY STATEMENT

This item matches the following Priority Policy Statement/s:

- Infrastructure and City Assets.

FISCAL IMPACT

Five formal bids were received on January 16, 2019 for the Miscellaneous Storm Drain Improvements on Sheppard Drive and Miramar Drive Project. Nu Line Technologies submitted the lowest base bid in the amount of \$164,360. The lowest bid as submitted is approximately 9.6% above the engineer's estimate of \$150,000. The bid documents have been reviewed by staff and are considered acceptable. The additive alternate bid items constituting work on Sorrento Place have been deemed cost excessive and will not be a part of the contract.

As discussed in detail below, three informal bids were requested to complete additional emergency repair work resulting from a sinkhole. Cost of the emergency repair work is not expected to exceed \$85,000.

DISCUSSION

Planned CIP Project – Sheppard Drive and Dorothy Lane

The scope of work involves rehabilitation of existing storm drains at two separate locations. Work between Sheppard Drive and Dorothy Lane includes installing a cured-in-place pipe liner within the existing corrugated metal pipe that is located on 1224 Sheppard Drive and 601 East Dorothy Lane. Work on Miramar Drive will include installing a cured-in-place pipe liner within the existing corrugated metal pipe on Miramar Drive, and reconstruction of catch basins at the intersection of Miramar Drive and Longview Drive. Inspections of the existing pipes indicated they have exceeded their useful design life and have structural deficiencies. Removal and replacement of the pipe was deemed infeasible due to actual pipe locations and existing surface improvements. Therefore, a structural cured-in-place liner is the preferred rehabilitation method. The project is anticipated to start in May 2019 and end in July 2019.

Emergency Repair Work – Sheppard Drive

As a result of the large storm events over the past several months, on January 19, a section of the pipe within 1224 Sheppard Drive failed and created a sinkhole within the backyard of the property. This failure required immediate emergency repairs in order to protect the private property and additional private properties located below the point of failure. This failure was also washing large amounts of soil material onto Dorothy Lane at the pipe outlet.

Due to the urgency of the situation, and in coordination with the Maintenance Division, Staff initiated the informal bid process with three qualified firms to complete replacement of approximately 32 feet of 24-inch diameter pipe located within a slope. Dominguez General Engineering was selected and has completed the pipe replacement. This work was necessary to be completed to effectuate the CIP project. The final portion of the emergency repair work includes irrigation repair, landscape replacement, brick walkway reconstruction, and minor slope grading.

CEQA

An environmental assessment has been prepared in accordance with the California Environmental Quality Act (CEQA) Guidelines and it has been determined that the project is categorically exempt.

Attachments:

- Attachment 1 – Budget Data / Summary of Bids
- Attachment 2 – Location Map