



# ***Agenda Report***

## ***Fullerton City Council***

**MEETING DATE:** MAY 21, 2019

**TO:** CITY COUNCIL / SUCCESSOR AGENCY

**SUBMITTED BY:** KENNETH A. DOMER, CITY MANAGER

**PREPARED BY:** MEG McWADE, PUBLIC WORKS DIRECTOR  
DAVID GRANTHAM, SENIOR CIVIL ENGINEER  
GAR HUANG, ASSISTANT ENGINEER

**SUBJECT:** TRENCHLESS PIPE TECHNOLOGY INVESTIGATION  
AND DESIGN CHANGE ORDER

---

### **SUMMARY**

Approve a contract change order to Michael Baker International, Inc. for the Trenchless Pipe Technology Investigation and Design Project.

### **RECOMMENDATION**

1. Approve a budget transfer of \$180,000 from Project 53618 Water Main System Replacement Fiscal Year 2017-18 to Project 53015 Trenchless Pipe Technology.
2. Authorize the Public Works Director to execute a contract change order between Michael Baker International, Inc. and the City of Fullerton in the amount of \$154,360.

### **PRIORITY POLICY STATEMENT**

This item matches the following Priority Policy Statement/s:

- Infrastructure and City Assets.

### **FISCAL IMPACT**

Sufficient funds are available to complete this project. For accounting purposes, Staff is recommending a budget transfer. A budget data summary sheet is attached for City Council's reference (Attachment 1).

### **DISCUSSION**

City Council approved award of the Trenchless Pipe Technology Investigation and Design Project to Michael Baker International on September 18, 2018 for \$99,709. This

project deals with four major transmission water lines crossing highways and / or railroads. This investigatory work will determine if slip lining the pipe, a less expensive rehabilitation option, is feasible based on pipe condition. The project design will be based on the outcome of the investigation.

In the original contract, City forces were to assist the design consultant by performing the excavation required to access the buried water pipes. Due to many factors, including the recent escalated rate of water main breaks and the loss of staff, the City is unable to provide the assistance required. This change order is for the consultant to obtain their own contractor to perform the work as required for the project.

In addition, the original contract called for the insertion of a closed-circuit television (CCTV) camera into the pipe to assess the pipe condition. This would have required the pipe to be taken out of service. An alternative where a probe would be inserted into the pipe was considered as that would have allowed the pipe to stay in service, but the City does not have the equipment necessary to facilitate inserting the probe as the water line stays activated, so originally the CCTV option was chosen. As another contractor is being brought in now, the option to insert the probe and leave the pipe in service is viable and preferred. This change order would modify the contract to perform the probe insertion instead of the CCTV insertion.

A change order was requested from Michael Baker International to perform this work. The total is an additional \$154,360. City Staff has reviewed the change order and found it acceptable as the majority of the cost increase is due to having a contractor perform excavation in four locations. The revised total contract amount will be \$254,069.

Attachments:

- Attachment 1 – Budget Data Sheet