



**DATE:** May 15, 2018

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** **Annual Water and Sewer Main Replacements, Projects 17-21 and 17-22 – Authorize Design Services**

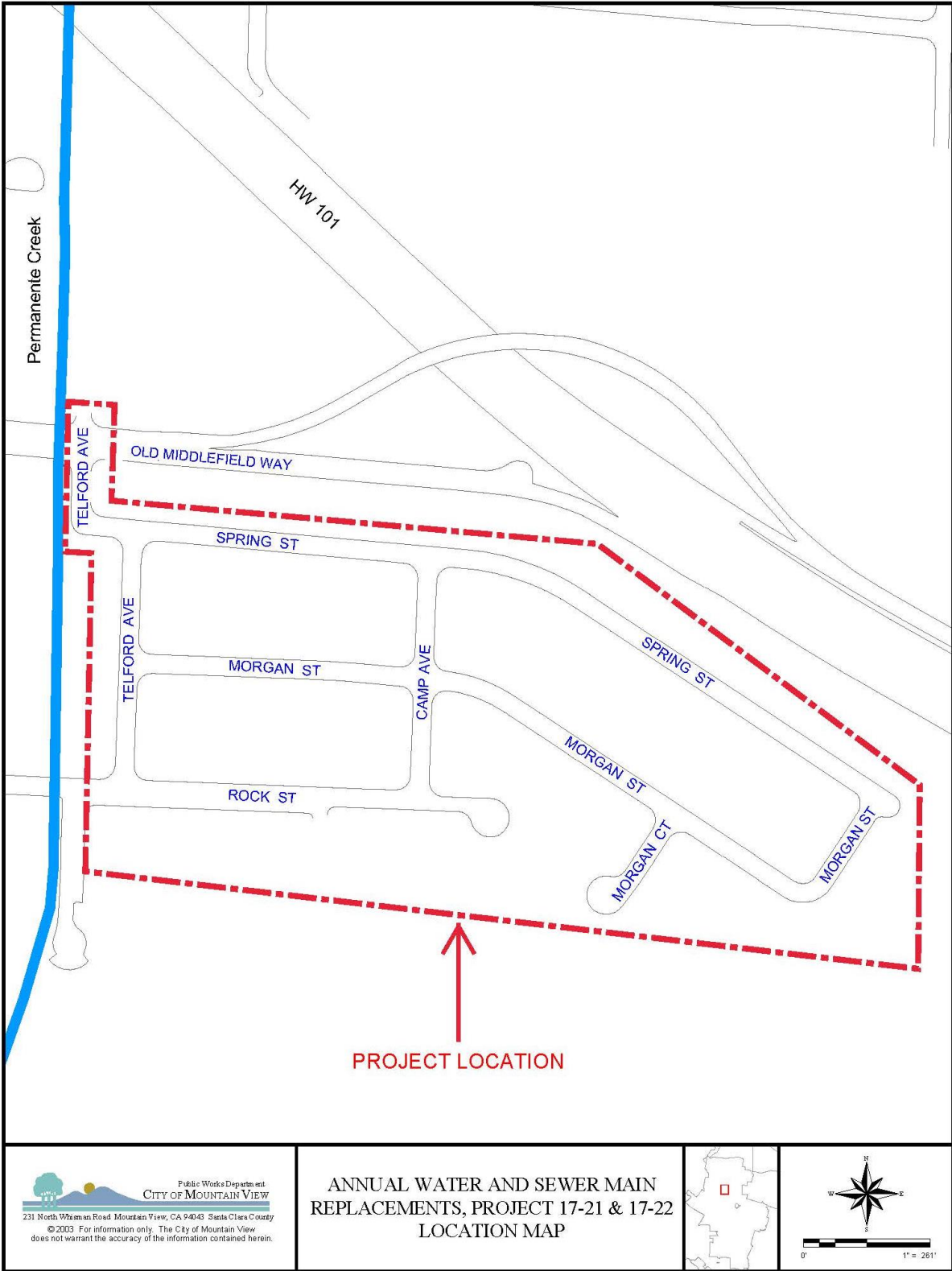
### **RECOMMENDATION**

Authorize the City Manager to execute a professional services agreement with Mott MacDonald to provide civil engineering services for Annual Water and Sewer Main Replacements, Projects 17-21 and 17-22, in a not-to-exceed amount of \$387,700.

### **BACKGROUND**

Annual Water and Sewer Main Replacements, Projects 17-21 and 17-22, respectively, are infrastructure maintenance projects that replace substandard or end-of-service-life water mains, sewer mains, and service laterals. The water and sewer mains are selected for replacement based on age of the pipe, and maintenance and failure history.

The projects include the replacement of approximately 5,700 linear feet of water mains and 6,250 linear feet of sewer mains on Spring Street, Morgan Street, Morgan Court, Camp Avenue, Telford Avenue, and Rock Street (see Location Map). The water and sewer projects are being replaced at the same time to minimize construction impacts to the community and take advantage of economies of scale.



## **ANALYSIS**

In November 2017, a Request for Proposals (RFP) for engineering services was issued to seven firms to assist in the preparation of design plans and construction documents. In December 2017, staff received three proposals. A review panel of Public Works staff deemed Mott MacDonald the best qualified firm based on the merits of their proposal, experience, and demonstrated competence.

Mott MacDonald's proposed scope of services and fees for the project are provided in Attachment 1. The not-to-exceed design contract amount of \$387,700 includes \$352,429 for basic services, including reimbursables, and a contingency in the amount of \$35,271 for unforeseen items. The recommended fees are within the range typically charged for such services, and staff considers the fees to be fair and reasonable.

With the approval of this contract, Mott MacDonald could begin design in July 2018 and be complete in summer 2019. Upon completion of project design, staff will return to the City Council for approval of plans and specifications.

## **FISCAL IMPACT**

Miscellaneous Water Main Replacement, Project 17-21, is funded with \$2,464,000 and Miscellaneous Sewer Main Replacement, Project 17-22, is funded with \$1,553,000. Also, these projects have transferred \$140,000 each to Projects 16-21 and 16-22, respectively, based on Council action taken on May 8, 2018. There are sufficient funds in the project budgets to fund the recommended agreement. If the recommendation is approved, the design of this project will be funded by \$193,850 from Project 17-21 and \$193,850 from Project 17-22 for a total design services budget of \$387,700.

## **ALTERNATIVES**

1. Do not approve the recommended contract and direct staff to issue a Request for Proposals to a larger number of engineering firms.
2. Do not proceed with the project at this time.
3. Provide other direction.

**PUBLIC NOTICING** – Agenda posting.

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HN/TS/2/CAM  
934-05-15-18CR-E

Attachment: 1. MM Design Services Proposal – Scope of Services and Fee Schedule

cc: APWD – Solomon, APWD – Hosfeldt, USM – Turner, PCE – Au, PCE – Macaraeg,  
SCE – Muench, SCE – Tseng, ACE – Nguyen, AAI – Goedicke, AAI – Doan, File  
(17-21, 17-22)