



COUNCIL REPORT

DATE: November 14, 2023

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Annual Water and Sewer Main Replacements, Projects 23-08 and 23-09—Professional Services Agreement**

RECOMMENDATION

Authorize the City Manager or designee to execute a professional services agreement with BKF Engineers, a California corporation, to provide design engineering and construction support services for Annual Water and Sewer Main Replacements, Projects 23-08 and 23-09, in a not-to-exceed amount of \$719,100.

BACKGROUND

Annual Water and Sewer Main Replacements, Projects 23-08 and 23-09, are infrastructure maintenance projects that replace substandard or end-of-service life water mains, sewer mains, services, and laterals. The water and sewer mains are selected for replacements based on age of the pipe, maintenance records, and failure history. The projects include replacing approximately 4,884 linear feet of water mains and 6,720 linear feet of sewer mains at the following locations:

- Old Middlefield Way, between Independence Avenue and City limits—water and sewer main replacements (Figure 1);
- Drucilla Drive and Carla Court, between Leona Lane and Montalto Drive—water and sewer main replacements (Figure 2);
- Bonita Avenue, between Hans Avenue and Cuesta Drive—water and sewer main replacements (Figure 2);
- Gretel Lane, between Hans Avenue and Barbara Avenue—water main replacement (Figure 2);
- Gretel Lane, between Hans Avenue and Cuesta Drive—sewer main replacement (Figure 2); and
- Hans Avenue, between Bonita Avenue and Phyllis Avenue—sewer main replacement (Figure 2).

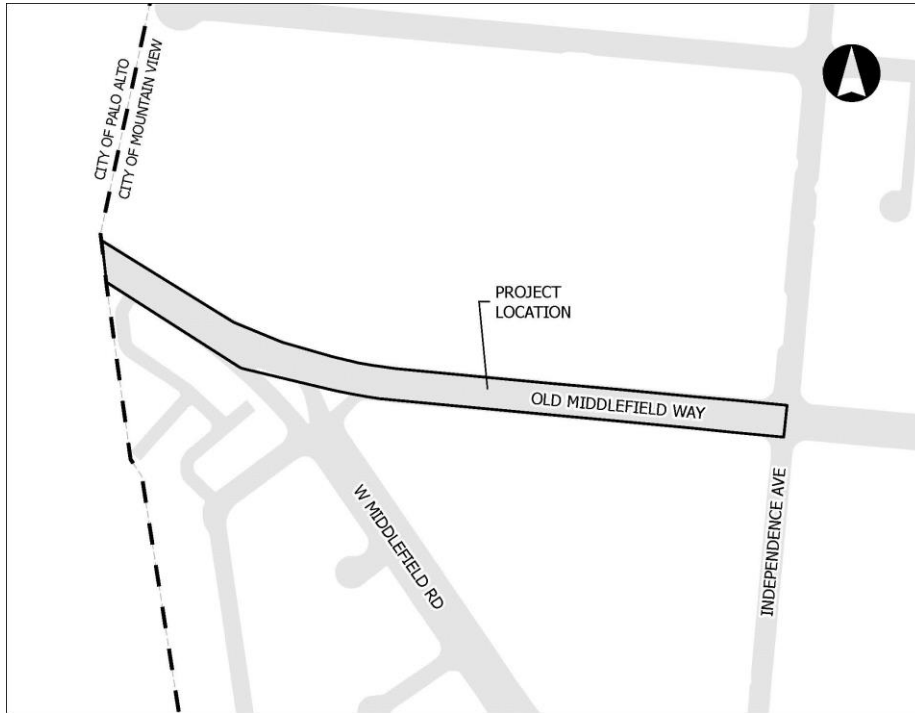
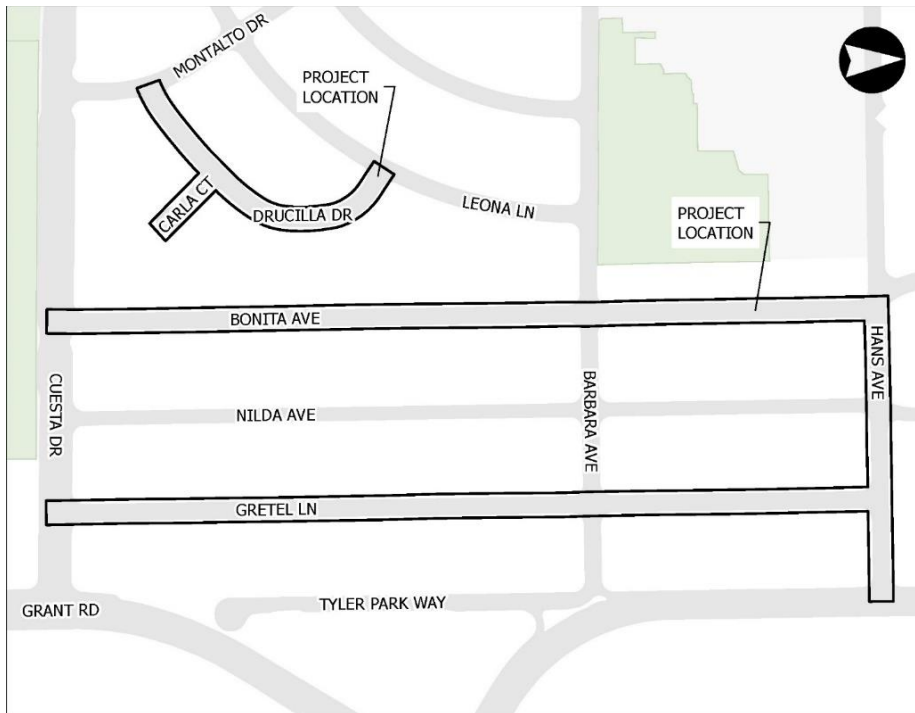


Figure 1: Old Middlefield Way Water and Sewer Main Replacement Location



**Figure 2: Drucilla Avenue, Carla Court, Bonita Avenue, Gretel Lane, and Hans Avenue
Water and Sewer Main Replacements**

ANALYSIS

In September 2023, the City issued a Request for Proposal (RFP) for professional design and construction support services for the Annual Water and Sewer Main Replacements projects. The main elements of the scope of services include evaluating the proposed replacements, preparing California Environmental Quality Act (CEQA) documents, developing design plans, preparing construction bid documents, and providing construction support. Staff posted the RFP on the City website and notified consultants about the opportunity. Two consultants submitted proposals, which were subsequently evaluated and ranked by a review panel consisting of Public Works staff. The panel selected BKF Engineers (BKF) as the most qualified firm based on the merits of their written proposal, experience in completing similar projects, and understanding of project goals.

The recommended not-to-exceed design contract amount of \$719,100 includes \$653,100 for basic services, including reimbursables, and \$66,000 for additional services. Staff reviewed the proposed design fees and scopes of work in detail and considers the fees to be fair and reasonable. If the recommendations are approved, BKF can begin design in January 2024 and complete by spring 2025.

FISCAL IMPACT

Annual Water Main Replacements, Project 23-08, is funded with \$2,797,000 from the Water Capacity Fees Fund. Annual Sewer Main Replacements, Project 23-09, is funded with \$1,750,000 from the Wastewater Capacity Fees Fund. If the recommendation is approved, the design of the Annual Water and Sewer Main Replacements will be funded with \$359,550 from Project 23-08 and \$359,550 from Project 23-09. There are sufficient funds for the recommended agreement, and no additional appropriations are required.

ALTERNATIVES

1. Do not approve the recommended agreement and direct staff to reissue an RFP.
2. Provide other direction.

PUBLIC NOTICING—Agenda posting.

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cc: APWD—Au, PCE—Tseng, USM, AE—Husaini, SMA—Doan, SMA—Goedicke, File (23-08 and 23-09)