



**FALLBROOK PUBLIC UTILITY DISTRICT
MEETING OF THE ENGINEERING & OPERATIONS COMMITTEE**

AGENDA

**TUESDAY, AUGUST 16, 2022
2:00 P.M.**

**FALLBROOK PUBLIC UTILITY DISTRICT
990 E. MISSION RD., FALLBROOK, CA 92028
PHONE: (760) 728-1125**

THIS MEETING WILL BE HELD PURSUANT TO GOVERNMENT CODE SECTION 54953(e)(1)(A), WHICH WAIVES CERTAIN BROWN ACT TELECONFERENCING REQUIREMENTS DURING A PROCLAIMED STATE OF EMERGENCY WHEN STATE OR LOCAL OFFICIALS HAVE IMPOSED OR RECOMMENDED MEASURES TO PROMOTE SOCIAL DISTANCING, AND ALLOWS SOME OR ALL OF THE MEMBERS OF THE ENGINEERING & OPERATIONS COMMITTEE TO ATTEND THIS MEETING TELEPHONICALLY OR VIA VIDEO CONFERENCE. MEMBERS OF THE PUBLIC WHO DO NOT WISH TO ATTEND IN PERSON ARE ENCOURAGED TO PARTICIPATE IN THE MEETING VIA WEB CONFERENCE USING THE BELOW CALL-IN AND WEBLINK INFORMATION. MEMBERS OF THE PUBLIC MAY ALSO PARTICIPATE IN THIS MEETING BY ATTENDING IN PERSON AT THE DISTRICT OFFICE LOCATED AT 990 E. MISSION RD., FALLBROOK, CA 92028.

Join Zoom Meeting

<https://us06web.zoom.us/j/89775627599?pwd=Q0QwRFJCSGZFQVVsSa3JQZzVBMlF2dz09>

MEETING ID: 897 7562 7599

AUDIO PASSCODE: 798960

Dial by your location

+1 346 248 7799 US (Houston); +1 720 707 2699 US (Denver); +1 253 215 8782 US (Tacoma);
+1 312 626 6799 US (Chicago); +1 646 558 8656 US (New York); +1 301 715 8592 US (Washington DC)

Find your local number: <https://us06web.zoom.us/j/89775627599>

PUBLIC COMMENTS: Members of the public may submit public comments and comments on agenda items in one of the following ways:

SUBMIT COMMENTS BEFORE THE MEETING:

- By emailing to our Board Secretary at leckert@fpud.com
- By mailing to the District Offices at 990 E. Mission Rd., Fallbrook, CA 92028
- By depositing them in the District's Payment Drop Box located at 990 E. Mission Rd., Fallbrook, CA 92028

All comments submitted before the meeting by whatever means must be received at least 1 hour in advance of the meeting. All comments will be read to the Board during the appropriate portion of the meeting. Please keep any written comments to 3 minutes.

REMOTELY MAKE COMMENTS DURING THE MEETING: The Board President will inquire prior to Board discussion if there are any comments from the public on each item.

- Via Zoom Webinar go to the "Participants List," hover over your name and click on "raise hand." This will notify the moderator that you wish to speak during oral communication or during a specific item on the agenda.
- Via phone, you can raise your hand by pressing *9 to notify the moderator that you wish to speak during the current item.

MAKE IN-PERSON COMMENTS DURING THE MEETING: The Board President will inquire prior to Board discussion if there are any comments from the public on each item, at which time members of the public attending in person may make comments.

THESE PUBLIC COMMENT PROCEDURES SUPERSEDE THE DISTRICT'S STANDARD PUBLIC COMMENT POLICIES AND PROCEDURES TO THE CONTRARY.

If you have a disability and need an accommodation to participate in the meeting, please call the Board Secretary at (760) 999-2704 for assistance.

I. PRELIMINARY FUNCTIONS

CALL TO ORDER / ROLL CALL

PUBLIC COMMENT

II. ACTION / DISCUSSION -----(ITEMS A-D)

- A. ENGINEERING AND OPERATIONS KEY PERFORMANCE INDICATORS
- B. AWARD OF WATERLINE REPLACEMENT FY23 PROJECT (JOB 3186)
- C. UPDATE ON EMERGENCY PIPELINE REPLACEMENTS
- D. SMRCUP FINAL CONSTRUCTION COSTS UPDATE

III. ADJOURNMENT OF MEETING

* * * * *

DECLARATION OF POSTING

I, Lauren Eckert, Executive Assistant/Board Secretary of the Fallbrook Public Utility District, do hereby declare that I posted a copy of the foregoing agenda in the glass case at the entrance of the District Office located at 990 East Mission Road, Fallbrook, California, at least 72 hours prior to the meeting in accordance with Government Code § 54954.2.

I, Lauren Eckert, further declare under penalty of perjury and under the laws of the State of California that the foregoing is true and correct.

August 11, 2022
Dated / Fallbrook, CA

/s/ Lauren Eckert
Executive Assistant/Board Secretary

M E M O

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: August 16, 2022
SUBJECT: Engineering and Operations Key Performance Indicators

Purpose

To provide information to the Board on the Key Performance Indicators (KPIs) that have been developed for Engineering and Operations.

Summary

The primary purpose for developing and tracking KPIs is to provide a performance measurement system that gives management the ability to analyze data, make better decisions, and improve the organization. District KPIs are largely focused on Capital Improvement Projects (CIP), Preventative Maintenance (PM), leak response, and regulatory compliance.

Recommended Action

This is an information item. No action needed.

M E M O

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: August 16, 2022
SUBJECT: Award of Waterline Replacement FY23 Project (Job 3186)

Description

Request for Board approval to award the Waterline Replacement FY23 Project to the lowest responsive bidder.

Purpose

As part of the District's pipeline and valve replacement program, a priority list of replacement projects were identified based on high rates of past failures and age of the facilities. This project replaces water mains within Elder Street, Hawthorne Street, Potter Street, Lillian Ave, Orange Ave, and Minnesota Ave. District staff prepared the design package for the project and solicited for general contractor construction bids. The project consists of approximately 7,450 linear feet of 6-inch and 1,750 linear feet of 10-inch cement mortar lined and coated steel pipe and associated appurtenances. Bid opening is scheduled for August 16, 2022 so results are not available at the time this memo was published.

Budgetary Impact

Depending on the bid results, the work is expected to be completed within the Board authorized total capital budget. The portion of the CIP budget planned for pipeline replacements is \$4,045,350. If bid results are higher than planned, staff will request additional board authorization.

Recommended Action

Depending on the bid results, that the Committee recommend to the Board authorization of the Waterline Replacement FY23 Project to the lowest responsible bidder.

M E M O

TO: Engineering & Operations Committee
FROM: Kevin Collins, Purchasing/Warehouse/Fleet Supervisor
Aaron Cook, Engineering Manager
DATE: August 16, 2022
SUBJECT: Update on Emergency Pipeline Replacements

Description

California Public Contract Code Section 22050 authorizes special contracting procedures in case of an emergency; the General Manager may take immediate action required by the emergency to procure the necessary equipment, services, and supplies for those purposes, without giving notice for bids. However, the GM must report to the Board of Directors with an update at each regularly scheduled meeting to determine that there is a need to continue the action. The District engaged SRK Engineering to complete emergency repairs on a number of pipeline sections. The Board approved continuing the emergency action in the April, May, and June Board meetings. All emergency work was completed in July, so the emergency action was not required to be continued at the July meeting. This item is to approve the final costs for this work completed in July.

Purpose

Due to numerous leaks in damaged pipeline disrupting essential service to customers on sections of Ivy St, Minnesota Ave, and Alvarado St, an agreement was made with SRK Engineering, the pipeline contractor already under contract for the Gum Tree Pipeline Replacement, to additionally replace these sections of pipeline. Catastrophic pipe failure at these locations required temporary measures to maintain service, including abandonment of looped sections of pipe and high-lined services. The typical design, bid, build process to replace these temporary measures would take 10 to 15 months. By working with SRK Engineering, who was already mobilized for pipeline replacements in the District, this work was completed over 3 months, minimizing the time the District is dependent on less reliable temporary remedies.

A total of 1,270 linear feet of water main was replaced. The Board previously approved \$487,683.48 for work completed through June. The final section was replaced in July and the total for this work was \$256,146.05.

Budgetary Impact

There is no adjustment required to the Board authorized capital budget for this work.

Recommended Action

That the Committee recommend to the Board authorization of a change order in the amount of \$256,146.05 with SRK Engineering for the installation of the Minnesota Ave pipeline replacement.

MEMO

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: August 16, 2022
SUBJECT: SMRCUP Final Construction Costs Update

Description

An update on the Santa Margarita River Conjunctive Use Project final construction costs and funding sources.

Purpose

The District secured a Department of Water Resources (DWR) State Revolving Fund (SRF) loan to finance the construction of the SMRCUP facilities. Construction began in September of 2019 and was completed in May of 2022. During that time, the District received funds from the San Diego County Water Authority (SDCWA) as a result of a settlement between SDCWA and the Metropolitan Water District. Per board direction, those settlement funds were allocated to the SMRCUP to reduce the final SRF loan value, as shown in the table below:

Total Project Costs:	\$ 65,665,764.85
Settlement Funds:	\$ (1,748,810.84)
Final SRF Loan Value:	\$ 63,916,954.01

Budgetary Impact

Per the loan agreement, the loan will be paid off in annual installments over 30 years at an interest rate of 1.9%. Payments are due March 1 of each year. The loan payments are included in the Board adopted budget and Board authorization.

Recommended Action

For information only, no action recommended.