



FALLBROOK PUBLIC UTILITY DISTRICT  
MEETING OF THE ENGINEERING & OPERATIONS COMMITTEE

AGENDA

THURSDAY, MARCH 17, 2022  
1:00 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

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MEETING ID: 840 9863 4441

AUDIO PASSCODE: 817133

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**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](mailto: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 -----(ITEM A)**

A. UPDATE ON CURRENT CIP CONSTRUCTION PROJECTS

**III. ADJOURNMENT OF MEETING**

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**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.

March 14, 2022  
Dated / Fallbrook, CA

/s/ Lauren Eckert  
Executive Assistant/Board Secretary

**M E M O**

**TO:** Engineering and Operations Committee  
**FROM:** Aaron Cook, Engineering Manager  
**DATE:** March 17, 2022  
**SUBJECT:** Update on Current CIP Construction Projects

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Description

Update on three capital projects currently under construction which have required additional work to complete and will require board authorization – the Gum Tree Pipeline Replacement Project, the Sewer Mainline Relining Project, and the Santa Margarita River Conjunctive Use Project (SMRCUP).

Summary

Pipeline Replacement – In early February, a leak was discovered on Ivy Street near Main Ave. To stop the leak, a portion of the 6-inch main was temporarily abandoned while still maintaining service to the three customers fed by this main. On Feb 21, District crews scheduled a nighttime shut down to repair the line with minimal disruption to downtown businesses. During that effort, three valves were replaced, but it was discovered that the main was in a condition beyond spot repair and approximately 300 linear feet of pipe would need to be replaced to put the full main back in service.

At the same time, SRK Engineering, the general contractor installing the Gum Tree Pipeline Replacement Project, was scheduled to complete that work in early March. It was proposed that the quickest way to replace the Ivy Street water main would be to have the general contractor demobilize from the Gum Tree job site directly to Ivy Street. SRK Engineering agreed to perform the extra work on a Time and Materials basis, with the District supplying the steel pipe and majority of materials. They are scheduled to begin work the week of 3/14. Staff estimate that the additional effort from SRK Engineering will cost approximately \$60,000. The work will be inspected and tracked by the District and the final additional cost will be brought to the Board of Directors for approval.

Sewer Mainline Relining – In late January, significant groundwater intrusion was discovered on a sewer main near Mission Road and Aviation Road. Repair of the line is particularly challenging because it does not have an end of line clean out/access. The best approach to repair the line is to reline in place, however two points of access are needed. Obtaining access to the end of the line required a difficult excavation as deep as 12 feet in a constricted area near residences and a large retaining wall.

NorCal Pipeline was already contracted by the District to perform planned mainline relining work at various locations and was scheduled to perform the work throughout the month of February. A proposal to add the additional mainline was requested from

and provided by NorCal. However, NorCal needed additional subcontractors to perform the excavation required to access the end of line. For comparison, proposals were requested from other contractors with the capability to perform both the excavation and the relining work. Based on the responses, Downstream Services Inc. was selected to do the additional work and began excavating to expose the end of line on March 8. The lining material is on order and is expected to be completed before the end of March. The final cost for this effort is estimated at approximately \$50,000.

SMRCUP – The project was substantially complete in November of 2021, except for the additional GAC treatment that was added part way through the project. That portion of the work was completed in February. Throughout the duration of the project, and particularly during the start up and testing process, design changes and modifications were made to ensure a well functioning treatment process was accomplished. For a project of this size, it is expected that design changes will be required to complete the work. The District's contracted Construction Manager, Franz Schauer worked throughout the project to negotiate changes to the scope and control costs from the general contractor while ensuring a quality product was delivered. While review and negotiation of some additional costs is still ongoing, it is estimated that the total will be approximately \$1M, which is less than two percent of the total project costs.

#### Budgetary Impact

All of the additional costs described will be funded by the current approved capital budget.

As presented in the previous two Board Meetings, the pipeline replacement effort is trending behind plan. By prioritizing the Ivy Street pipeline for immediate replacement, the District will be closer to its pipeline replacement goal for the year.

The portion of the capital budget intended for sewer mainline relining was \$125,000. The contract with NorCal for planned work was awarded at \$105,551. With the additional line completed by Downstream and District internal costs, all relining costs for the year are expected to be approximately \$170,000. The overall sewer portion of the capital budget is trending close to plan in spite of this additional cost.

The SMRCUP is funded by the State Revolving Fund loan program. The approved loan included approximately \$3.5M in construction contingency funds. The approximately \$1M of pending change order costs will be covered by a portion of the contingency.

#### Recommended Action

For discussion only; no recommended action. Once final costs for the extra work on each of these projects are obtained, they will be presented to the Board of Directors for approval, most likely in the April meeting.