



SUGARLOAF RESERVOIR ELECTRICAL IMPROVEMENTS AND FIBER- OPTIC INSTALLATION

Riverside Public Utilities

Board of Public Utilities

July 27, 2026

RiversideCA.gov

1

BACKGROUND

Riverside Public Utilities (RPU) is expanding SCADA monitoring

The project will improve:

- a. System reliability
- b. Response times
- c. Operational efficiency



2

RiversideCA.gov

2

DISCUSSION

This project includes two main components:

1. Electrical improvements
 - a. Install conduit and service equipment
2. Fiber-Optic Communication
 - a. Install 1,800 feet of fiber-optic cable

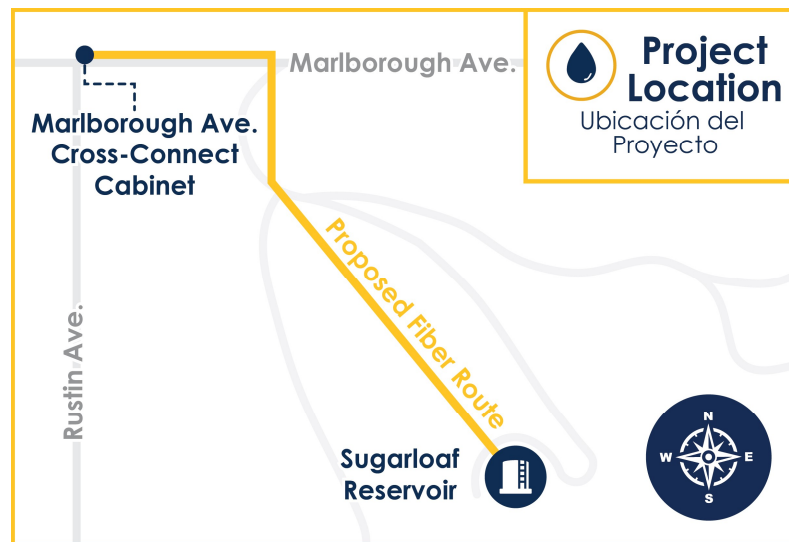


3

RiversideCA.gov

3

PROJECT LOCATION



4

RiversideCA.gov

4

PROJECT AND FISCAL BREAKDOWN

Work Type	Performed By	Amount (\$)
Meter, Permit, and Fiber-Optic Box Installation	RPU Water Field Forces	\$31,569
Electrical Installation and Materials	RPU Electric Field Forces	\$170,115
Fiber-Optic Installation and Materials	RPU Electric Field Forces	\$60,000
Work Order Total		\$261,684



5

RiversideCA.gov

5

RECOMMENDATION

That the Board of Public Utilities approve Work Order No. 2520728 in the total amount of \$261,684 for construction of electrical improvements and fiber-optic installation at the Sugarloaf Reservoir



6

RiversideCA.gov

6