

Flood Protection and Water Supply Project

Friant-Kern Canal Turnout

PROJECT SPONSORS: FRESNO COUNTY STREAM GROUP



ABOUT THE FLOOD PROTECTION AND WATER SUPPLY PROJECT

The Flood Protection and Water Supply Project includes 3 key project components that together will increase water supply capture, bring greater sustainability, and enhance the environment for the people and places of Fresno County. While drastic swings between wet and dry periods are becoming the new normal, the Stream Group is investing in flood protection and drought resilience to improve the lives of those who call the Fresno region home.

ABOUT THE FRIANT-KERN CANAL TURNOUT PROJECT COMPONENT

This benefits of the other two Project components (Big Dry Creek Channel and Reservoir Reoperation) cannot be realized without the construction of a water diversion point from the Friant-Kern Canal. A new turnout will enable surface water delivery from the Friant-Kern Canal into the Big Dry Creek Channel in wetter years to ease pressure on the Central Valley Project (CVP) Friant contractors by reducing flood risk in the wettest years. It also provides potential for storage and reconveyance of Friant water supplies into Big Dry Creek Reservoir.

PROJECT BENEFITS



GROUNDWATER RECHARGE

Divert flows for creek bed recharge



STRATEGIC STORAGE AND CONVEYANCE

Reconveyance of Friant water offers supply flexibility



FLOOD PROTECTION

Diverting flood flows during the wettest years

Located northeast of the City of Clovis, the turnout will also yield groundwater recharge within the Big Dry Creek Channel to directly benefit a rural residential area with declining groundwater levels and no access surface water supply.

PROJECT OVERVIEW

Construction of a new turnout to deliver water from the Friant-Kern Canal into Big Dry Creek for recharge.



PROJECT HIGHLIGHTS

- ✓ Groundwater recharge in an area with limited water supply/declining groundwater levels
- ✓ Multi-agency collaborative regional project
- ✓ Maximizes use of existing facilities
- ✓ Environmental enhancement and protection
- ✓ Potential for off-stream storage for the Friant System

PROJECT STATUS

The Friant-Kern Canal Turnout design and permitting was initiated in Fall 2023.



TOTAL PROJECT COST

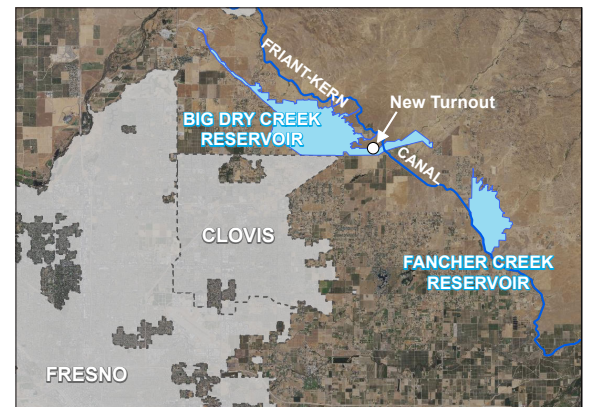
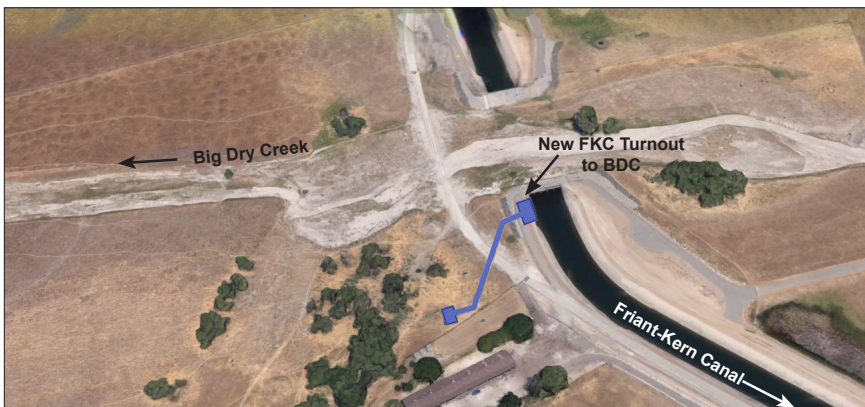
\$3,500,000

\$2,500,000 in funding secured



JOBS CREATED

30



Contact the District

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