

Putting public resources to work.

OTAY MESA PIPELINE CATHODIC PROTECTION IMPROVEMENTS PROJECT



The Otay Mesa Cathodic Protection Project will replace and repair existing cathodic protection systems on five pipelines located in the Otay Mesa area.

PROJECT BACKGROUND

The Otay Water District provides potable water service to portions of Otay Mesa. The District regularly invests in Capital Improvement Projects to ensure efficient operations, comply with regulations, and replace aging infrastructure. District Capital Improvement Projects are funded through user rates and capacity charges.

PROJECT OVERVIEW

The project will consist of replacing and repairing existing cathodic protection systems on five pipelines generally located in the Otay Mesa area. Each piping system includes several sites. Overall, the work includes approximately 14 phases of traffic control and approximately 21 sites requiring coordination with the City of Chula Vista, City of San Diego, Donovan Prison, and Border Patrol. The scope of work includes repairs to existing cathodic protection systems such as galvanic anode replacement and cathodic test station repairs.

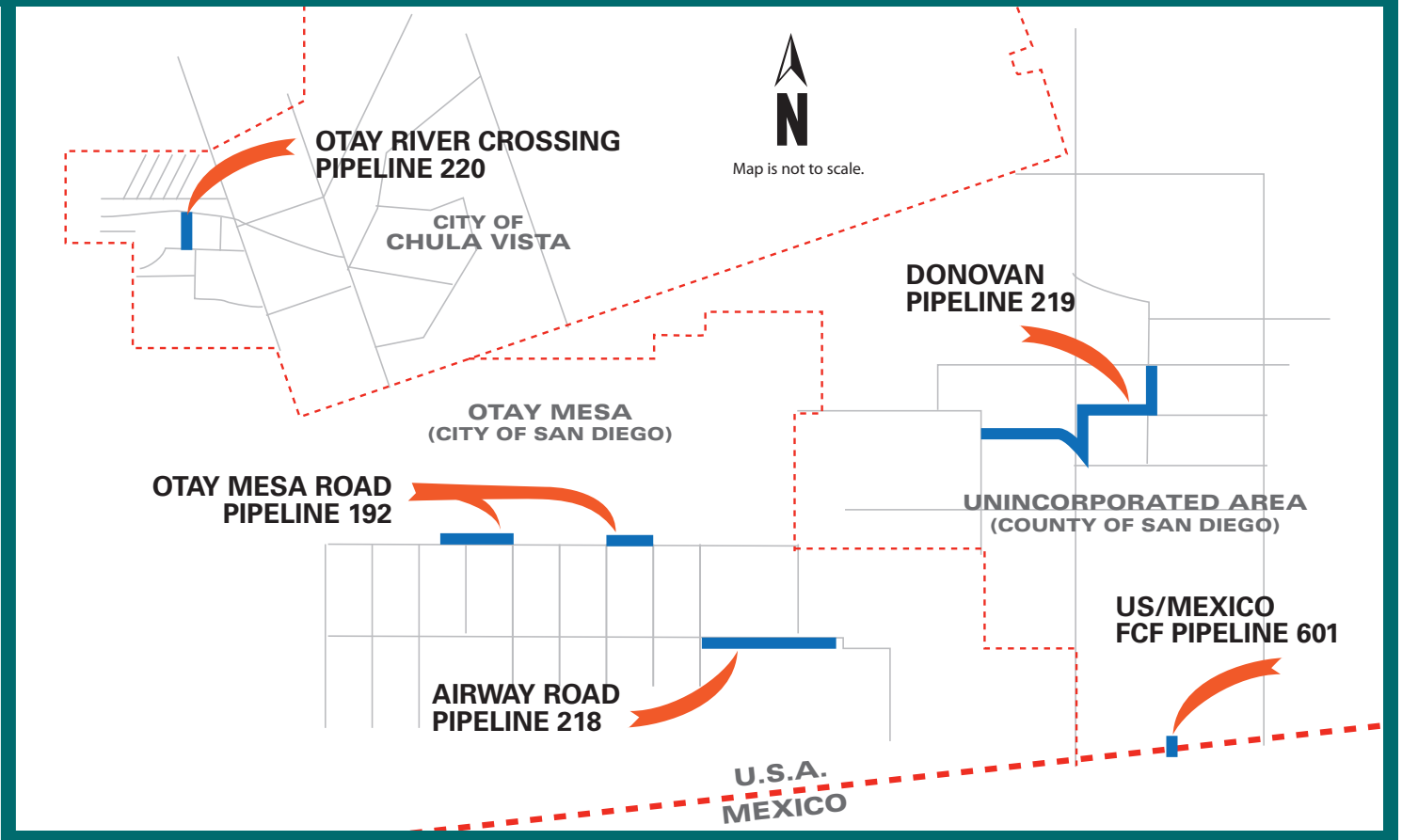
Cathodic protection improvements on an existing water main in the following locations:

- Existing piping near the Donovan Prison.
- Existing pipeline crossing the Otay River near the intersection of Main St. and Heritage Rd.
- Existing pipelines near Alta Rd. at the interconnection with Mexico
- Existing pipeline in Otay Mesa Rd. between Cactus Rd. and Otay Mesa Center Rd.
- Existing pipeline in Airway Rd. between La Media Rd. and Avenida De La Fuente Norte.

The scope for the project was developed through the District's Cathodic Protection Program, which was implemented over 16 years ago to provide the long-term benefit of preserving the life expectancy of metallic pipeline and reducing the risk of costly failures. A portion of the program includes annual data collection from roughly 1,000 pipeline cathodic test stations. The effort results in a list of recommendations for repairs such as galvanic anode replacement and cathodic test station repairs included in this project.

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PROJECT COST

The District's budget for the project is approximately \$700,000.

PROJECT SCHEDULE

The Otay Water District awarded the construction contract to Kay Construction Company. Construction began in September 2020 and is expected to be completed by January 2021.

The Otay Water District is a public agency providing water, recycled water and sewer service to nearly 226,000 customers within approximately 125 square miles of southeastern San Diego County, including the communities of eastern Chula Vista, Bonita, Jamul, Spring Valley, Rancho San Diego, unincorporated areas of El Cajon and La Mesa, and eastern Otay Mesa along the international border with Mexico. To learn more about the District, visit otaywater.gov

otaywater.gov • 619-670-2222

